

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102819\
 Data File : VX013258.D
 Acq On : 28 Oct 2019 19:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 12:07:56 PM

Quant Time: Oct 29 15:18:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	72476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	103885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	106568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	76737	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	77208	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
35) Dibromofluoromethane	5.49	113	60712	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	
50) Toluene-d8	8.71	98	217423	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.14	95	88193	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	69981	47.853	ug/l	99
3) Chloromethane	1.32	50	53684	44.682	ug/l	98
4) Vinyl Chloride	1.40	62	60104	45.668	ug/l	96
5) Bromomethane	1.63	94	30636	43.917	ug/l	100
6) Chloroethane	1.71	64	37758	51.333	ug/l	100
7) Trichlorofluoromethane	1.92	101	109136	52.535	ug/l	98
8) Diethyl Ether	2.18	74	34011	47.750	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64215	49.927	ug/l	99
10) Methyl Iodide	2.50	142	76749	47.551	ug/l	99
11) Tert butyl alcohol	3.04	59	81290	247.179	ug/l	99
12) 1,1-Dichloroethene	2.36	96	59685	48.343	ug/l	94
13) Acrolein	2.28	56	42666	239.897	ug/l	96
14) Allyl chloride	2.72	41	88812	45.692	ug/l	96
15) Acrylonitrile	3.13	53	161991	242.443	ug/l	98
16) Acetone	2.44	43	156770	219.517	ug/l	97
17) Carbon Disulfide	2.56	76	146183	44.041	ug/l	100
18) Methyl Acetate	2.76	43	80484	51.581	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	219679	50.527	ug/l	99
20) Methylene Chloride	2.84	84	67320	50.406	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	63577	49.496	ug/l	91
22) Diisopropyl ether	3.84	45	184589	48.570	ug/l	95
23) Vinyl Acetate	3.80	43	799336	247.453	ug/l	99
24) 1,1-Dichloroethane	3.69	63	115656	49.475	ug/l	99
25) 2-Butanone	4.66	43	223750	233.618	ug/l	96
26) 2,2-Dichloropropane	4.57	77	103323	47.825	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	73426	48.561	ug/l	97
28) Bromochloromethane	5.00	49	31150	51.678	ug/l	92
29) Tetrahydrofuran	5.11	42	137807	238.709	ug/l	99
30) Chloroform	5.20	83	127443	51.205	ug/l	98
31) Cyclohexane	5.57	56	94331	48.118	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	119345	53.930	ug/l	99
36) 1,1-Dichloropropene	5.79	75	89313	51.362	ug/l	99
37) Ethyl Acetate	4.82	43	85113	49.165	ug/l	98
38) Carbon Tetrachloride	5.78	117	101925	53.081	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	106195	47.750	ug/l	96
40) Benzene	6.13	78	257879	49.421	ug/l	97
41) Methacrylonitrile	5.03	41	47054	50.697	ug/l	98
42) 1,2-Dichloroethane	6.18	62	106450	54.108	ug/l	99
43) Isopropyl Acetate	6.43	43	146274	50.890	ug/l	100
44) Trichloroethene	7.21	130	74662	50.415	ug/l	97
45) 1,2-Dichloropropane	7.51	63	63709	48.747	ug/l	100
46) Dibromomethane	7.65	93	46603	49.494	ug/l	97
47) Bromodichloromethane	7.89	83	98900	53.897	ug/l	99
48) Methyl methacrylate	7.76	41	72163	50.797	ug/l	99
49) 1,4-Dioxane	7.73	88	32997	912.617	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	440991	251.713	ug/l	99
52) Toluene	8.78	92	169609	49.047	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	106039	54.379	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	113138	53.037	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	70110	51.280	ug/l	99
56) Ethyl methacrylate	9.17	69	111618	54.244	ug/l	99
57) 1,3-Dichloropropane	9.37	76	116139	50.345	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	219345	273.186	ug/l	99
59) 2-Hexanone	9.49	43	348348	258.127	ug/l	99
60) Dibromochloromethane	9.58	129	78959	55.116	ug/l	98
61) 1,2-Dibromoethane	9.67	107	76476	52.690	ug/l	99
64) Tetrachloroethene	9.33	164	76070	58.167	ug/l	97
65) Chlorobenzene	10.14	112	185554	49.740	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	73602	53.409	ug/l	97
67) Ethyl Benzene	10.25	91	337234	50.496	ug/l	99
68) m/p-Xylenes	10.35	106	252222	99.934	ug/l	98
69) o-Xylene	10.70	106	119906	49.525	ug/l	98
70) Styrene	10.71	104	215724	51.745	ug/l	99
71) Bromoform	10.85	173	57013	56.620	ug/l #	99
73) Isopropylbenzene	11.01	105	339424	48.709	ug/l	100
74) N-amyl acetate	10.89	43	129351	50.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	99864	47.197	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	86190m	46.602	ug/l	
77) Bromobenzene	11.25	156	83475	49.981	ug/l	90
78) n-propylbenzene	11.35	91	359462	47.489	ug/l	99
79) 2-Chlorotoluene	11.42	91	220866	46.181	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	289112	49.915	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33287	49.457	ug/l	97
82) 4-Chlorotoluene	11.51	91	272494	50.286	ug/l	97
83) tert-Butylbenzene	11.76	119	272602	47.570	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	296264	50.710	ug/l	99
85) sec-Butylbenzene	11.94	105	324575	49.772	ug/l	99
86) p-Isopropyltoluene	12.06	119	303899	49.604	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	150757	49.965	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	151218	49.225	ug/l	99
89) n-Butylbenzene	12.39	91	254557	50.792	ug/l	99
90) Hexachloroethane	12.59	117	51105	49.811	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	142712	48.100	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27871	52.970	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	93024	49.791	ug/l	96
94) Hexachlorobutadiene	13.78	225	46875	48.503	ug/l	97
95) Naphthalene	13.83	128	303386	52.910	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	96307	52.166	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

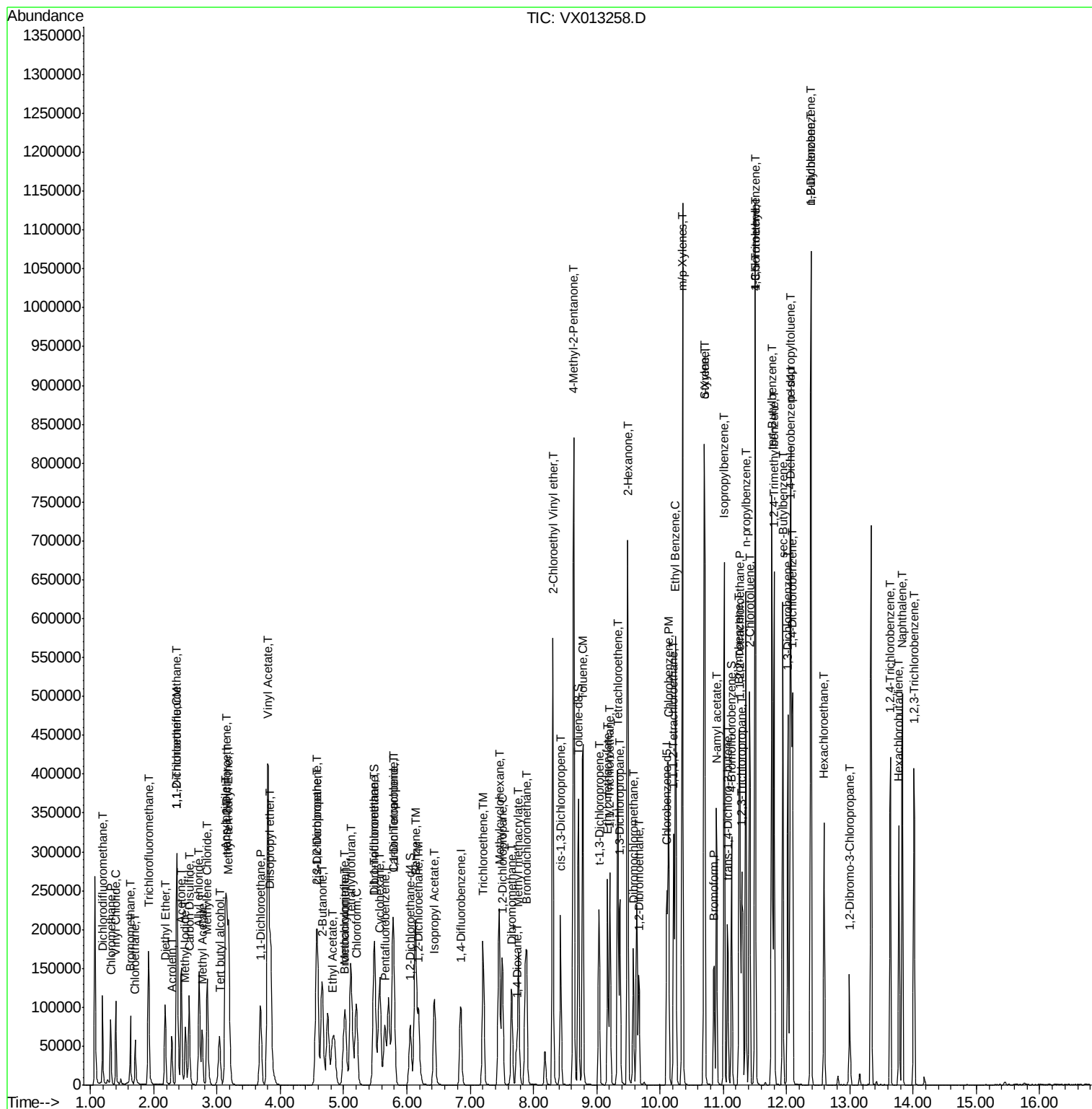
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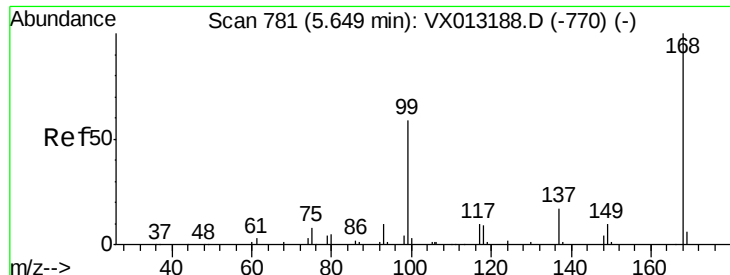
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 72476

Ion Ratio Lower Upper

168 100

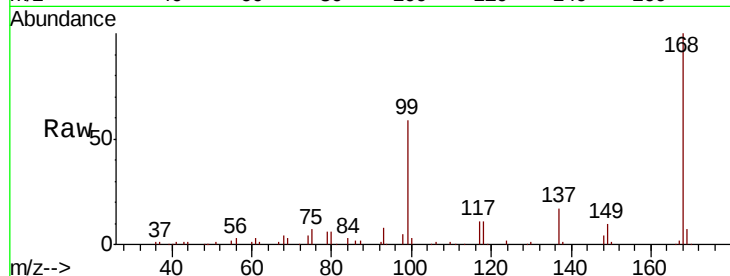
99 58.9 47.0 70.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

25000

20000

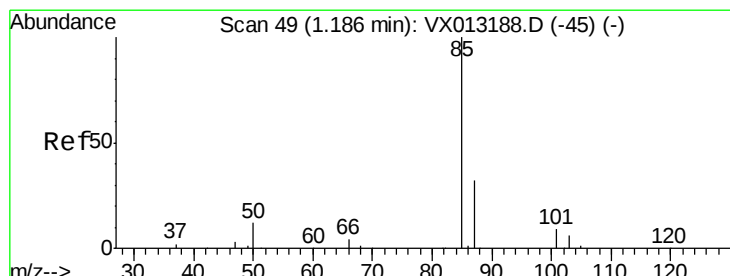
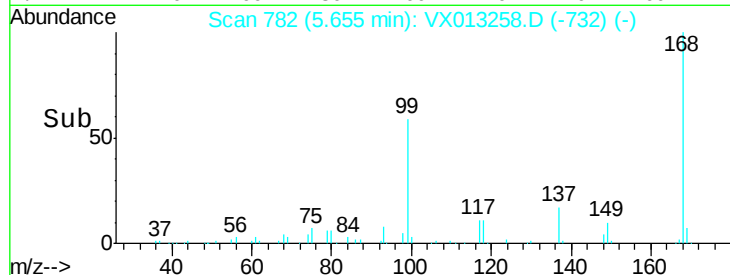
15000

10000

5000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.853 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013258.D

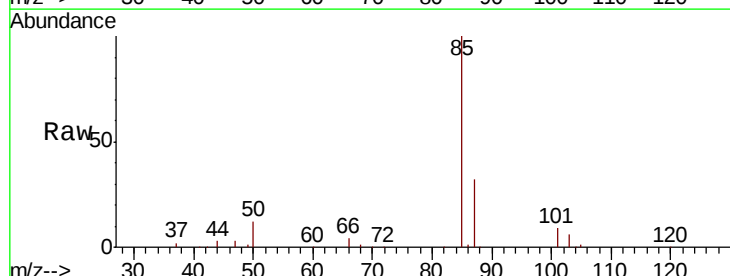
Acq: 28 Oct 2019 19:14

Tgt Ion: 85 Resp: 69981

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

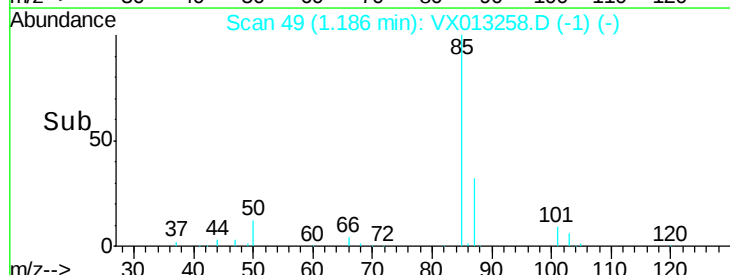
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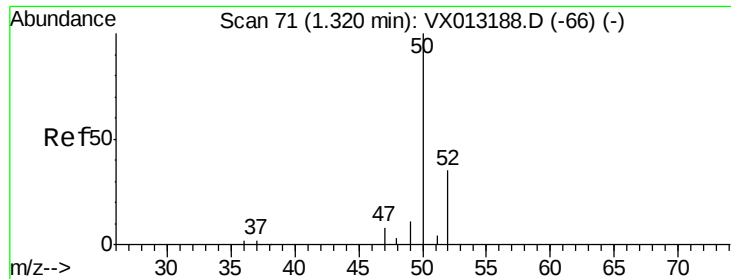
40000

20000

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Time-->





#3

Chloromethane

Concen: 44.682 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 53684

Ion Ratio Lower Upper

50 100

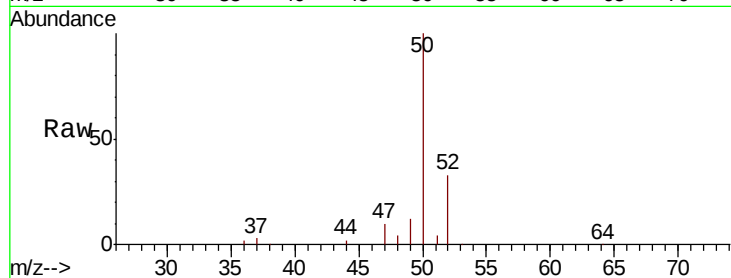
52 33.3 27.8 41.6

Manual Integrations

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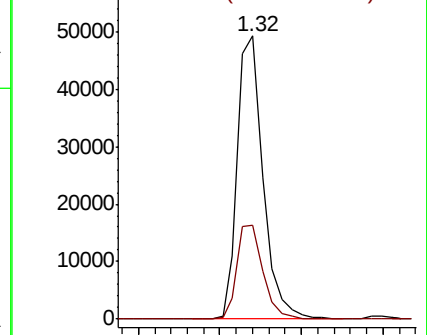
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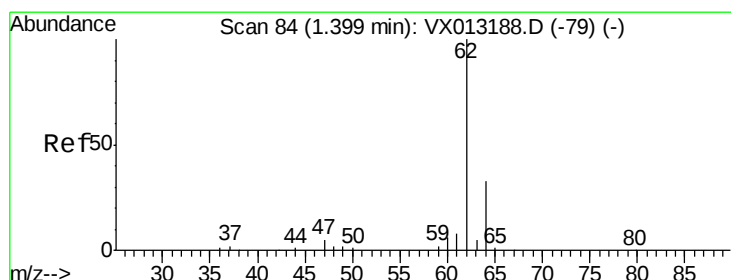
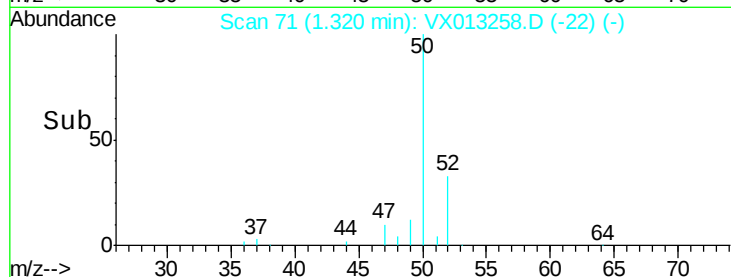


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 45.668 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013258.D

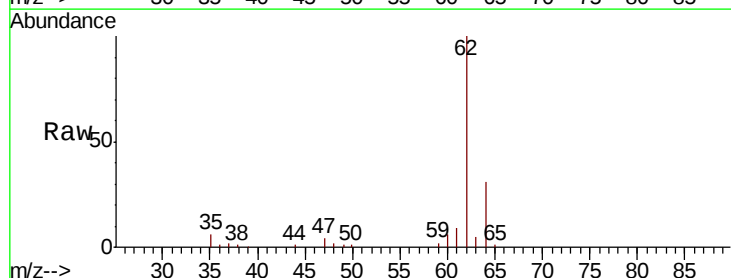
Acq: 28 Oct 2019 19:14

Tgt Ion: 62 Resp: 60104

Ion Ratio Lower Upper

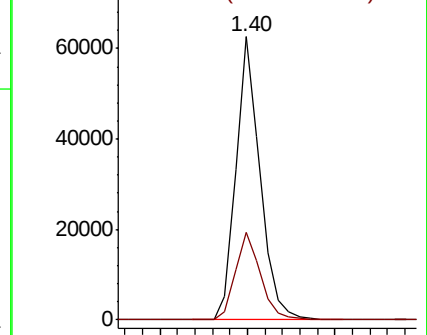
62 100

64 31.0 26.4 39.6

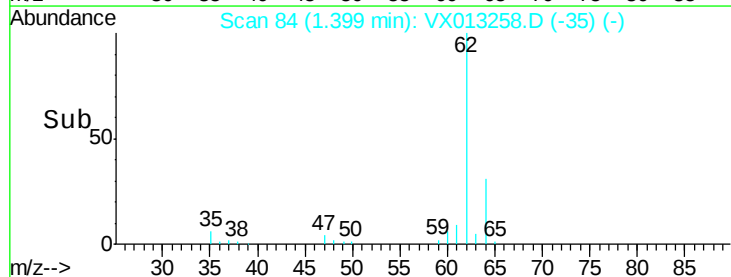


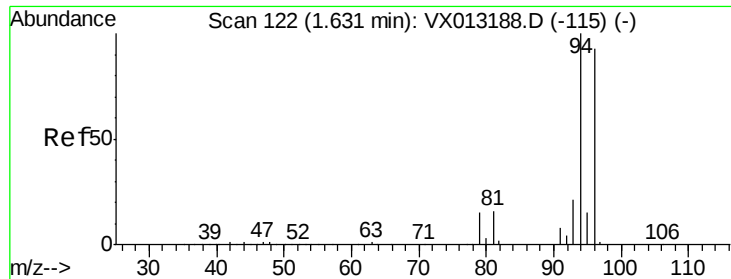
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 43.917 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

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ClientSampleId :

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Tot Ion: 94 Resp: 30636

Ion Ratio Lower Upper

94 100

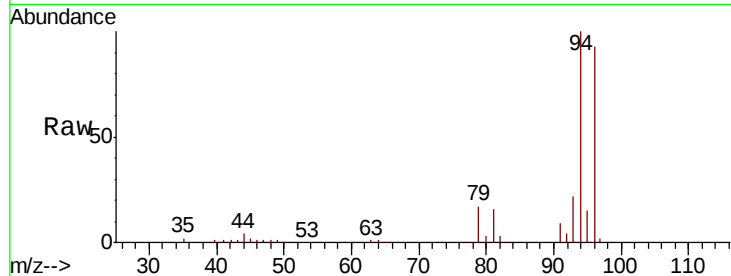
96 93.0 74.2 111.2

Manual Integrations

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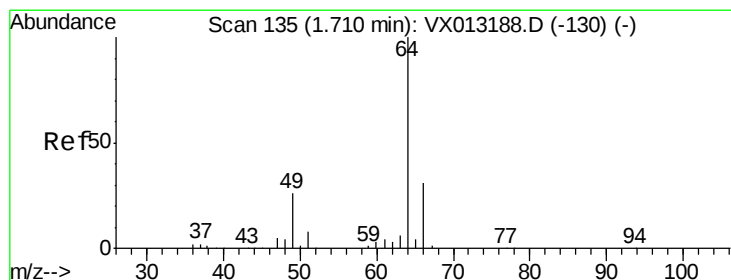
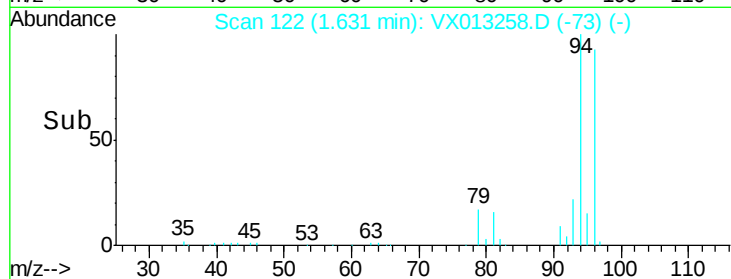
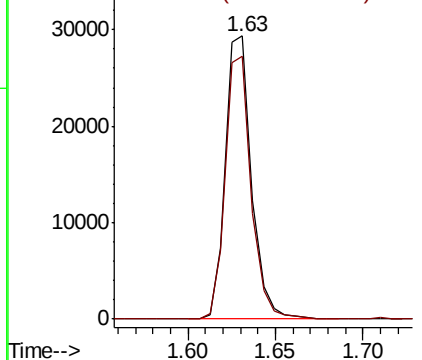
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.333 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013258.D

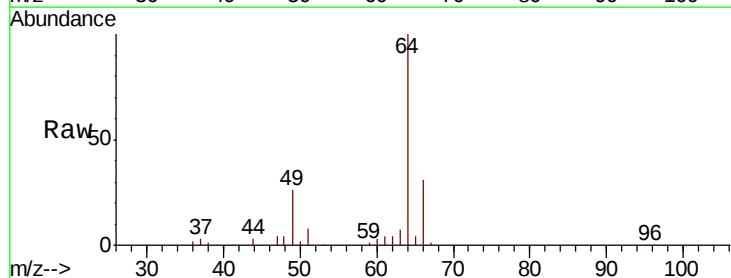
Acq: 28 Oct 2019 19:14

Tgt Ion: 64 Resp: 37758

Ion Ratio Lower Upper

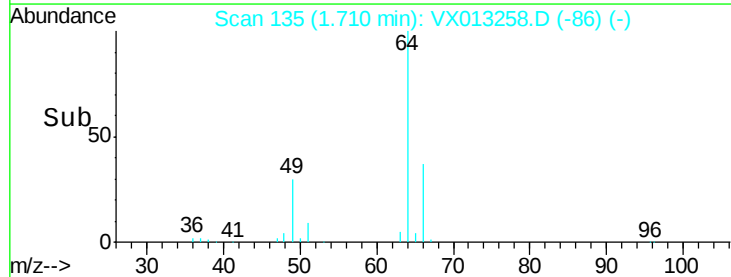
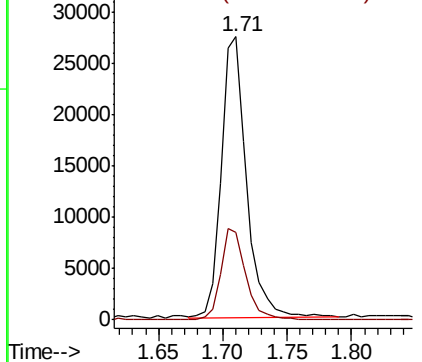
64 100

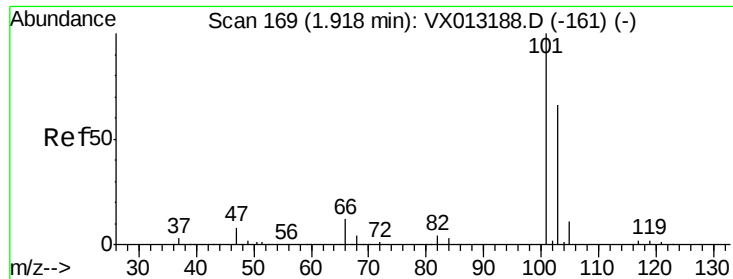
66 31.5 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

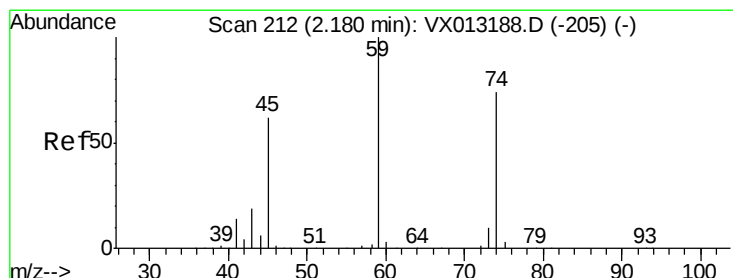
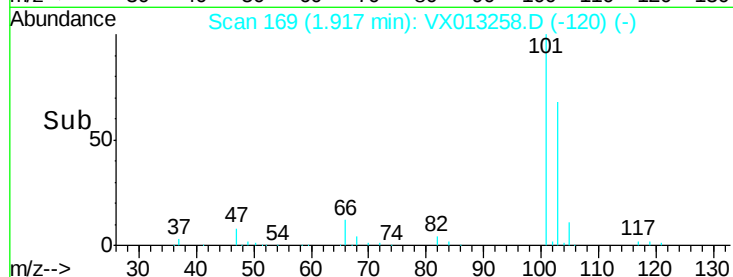
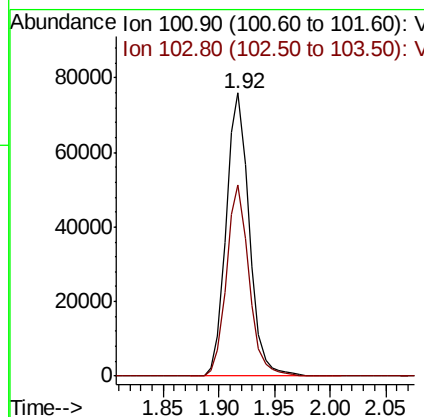
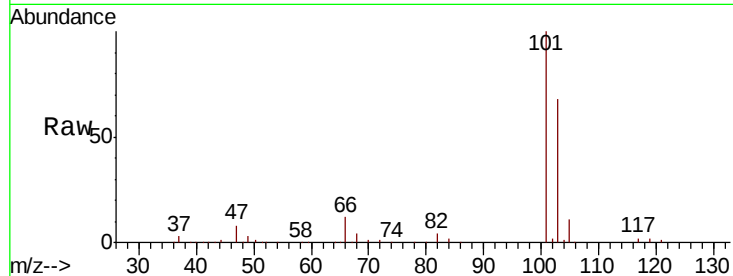
Trichlorofluoromethane
 Concen: 52.535 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		109136		
103	67.8	53.0	79.6		

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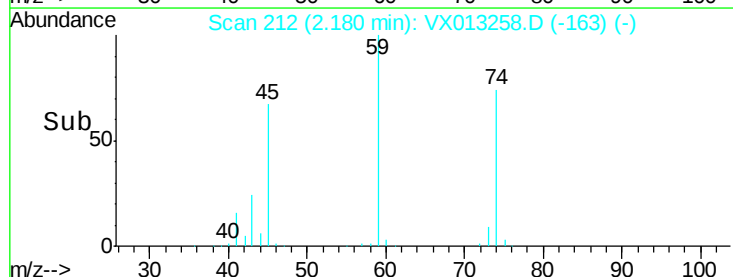
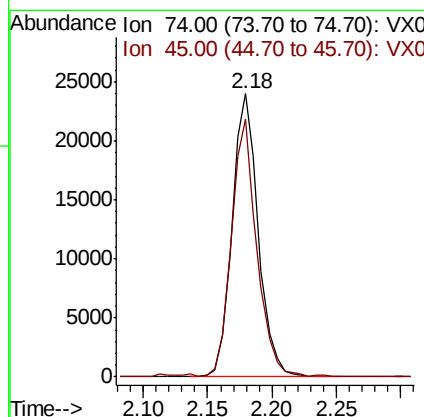
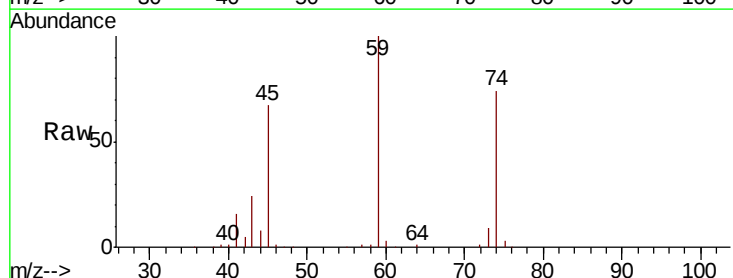
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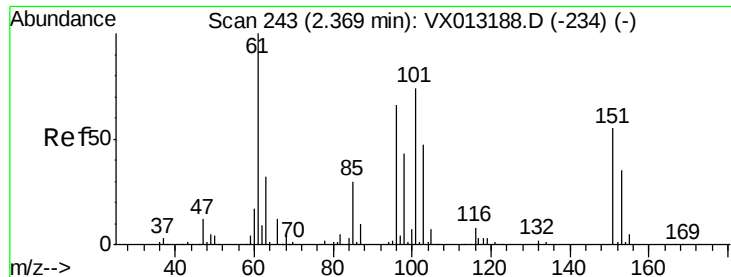


#8

Diethyl Ether
 Concen: 47.750 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		34011		
45	88.9	44.8	134.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.927 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

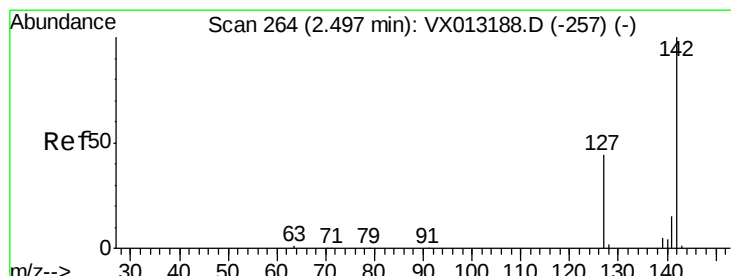
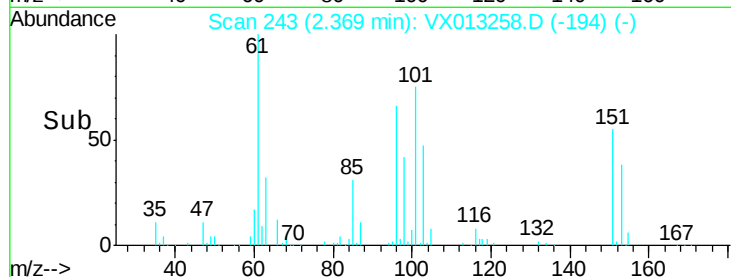
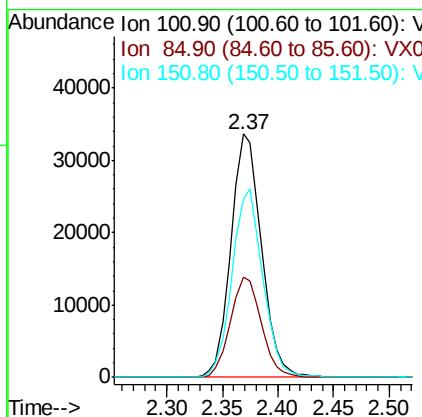
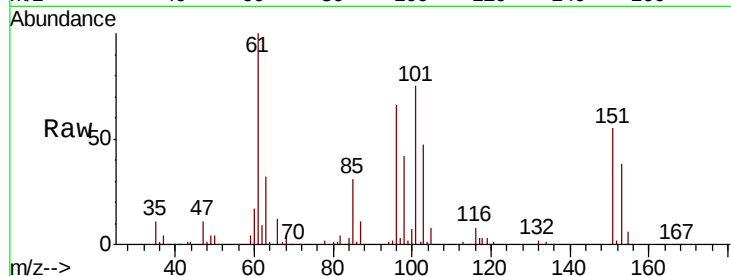
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	64215
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.0	51.0
151	77.6	62.0	93.0

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#10

Methyl Iodide

Concen: 47.551 ug/l

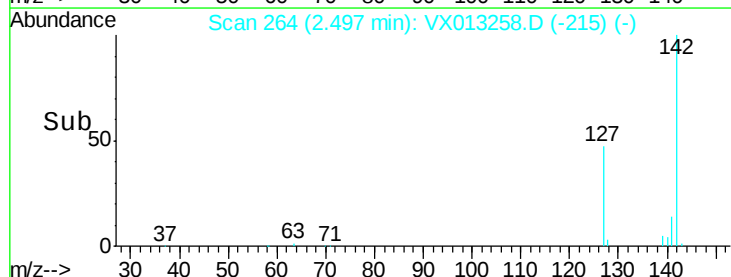
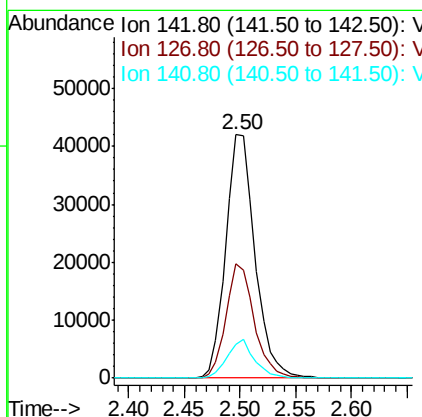
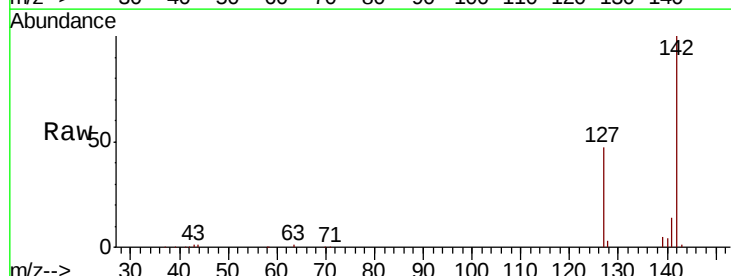
RT: 2.50 min Scan# 264

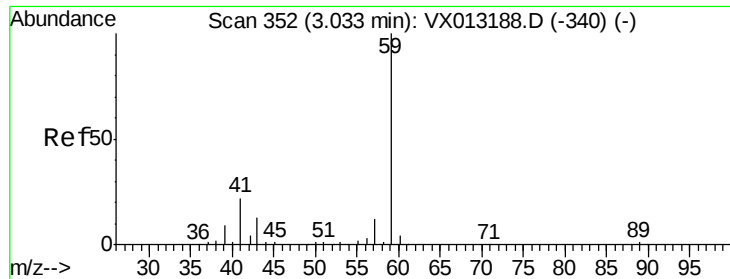
Delta R.T. 0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Tgt Ion:	142	Resp:	76749
Ion Ratio	Lower	Upper	
142	100		
127	45.3	35.6	53.4
141	14.7	11.6	17.4





#11

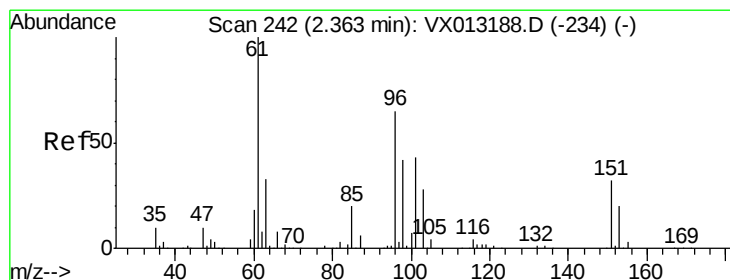
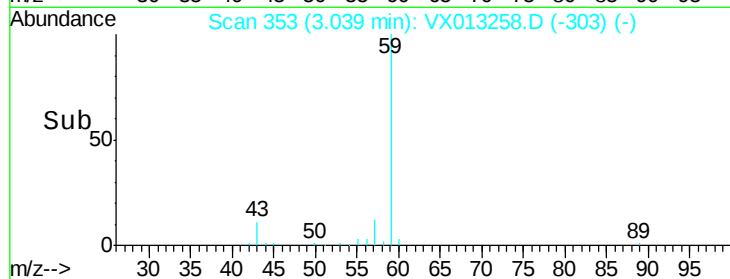
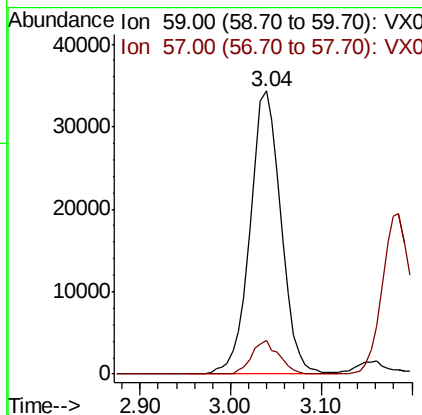
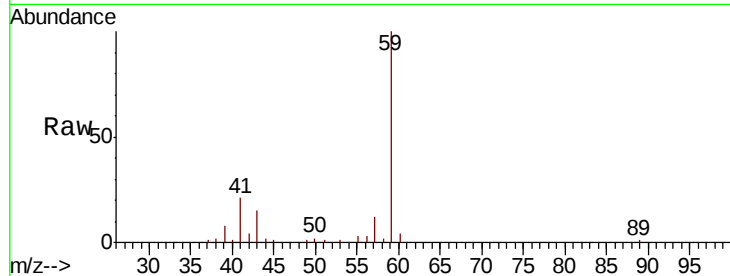
Tert butyl alcohol
Concen: 247.179 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

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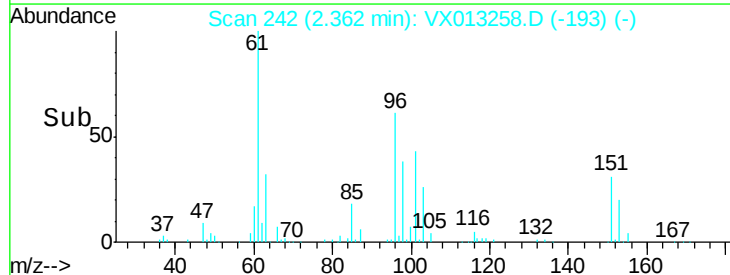
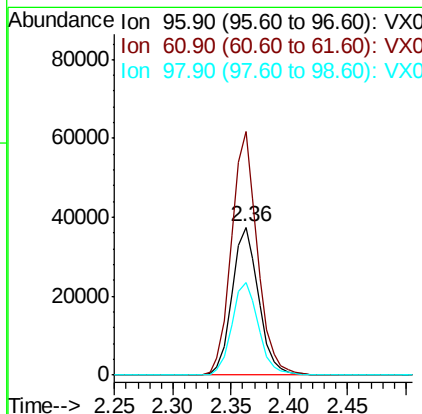
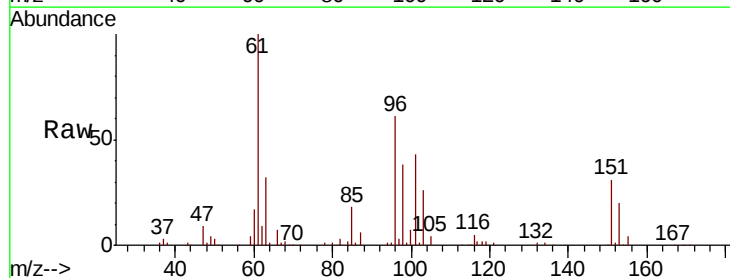
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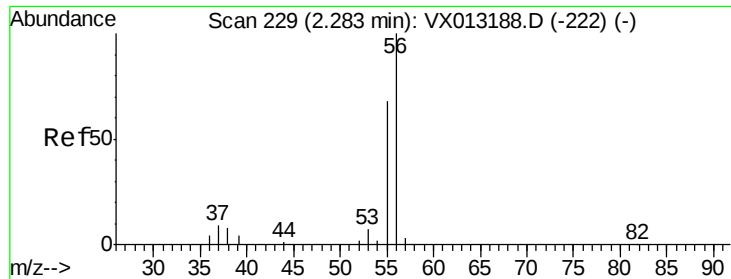


#12

1,1-Dichloroethene
Concen: 48.343 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.8	123.8	185.8
98	62.5	51.6	77.4





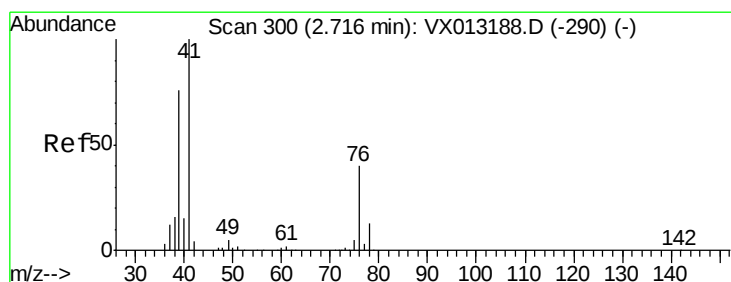
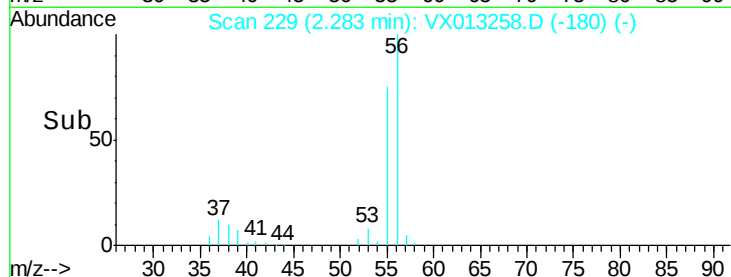
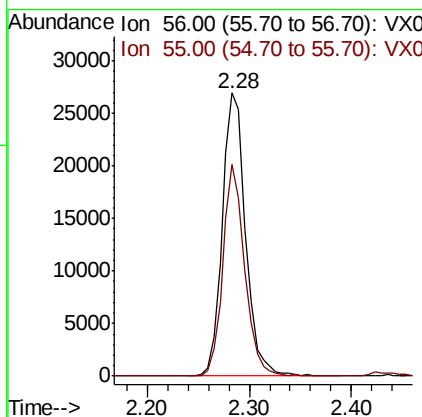
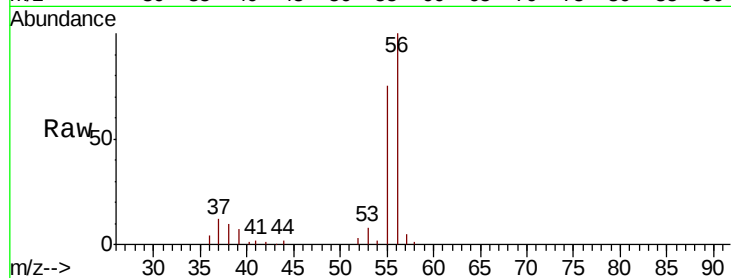
#13
Acrolein
Concen: 239.897 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	42666
Ion Ratio	100	Lower	Upper
55	70.5	58.9	88.3

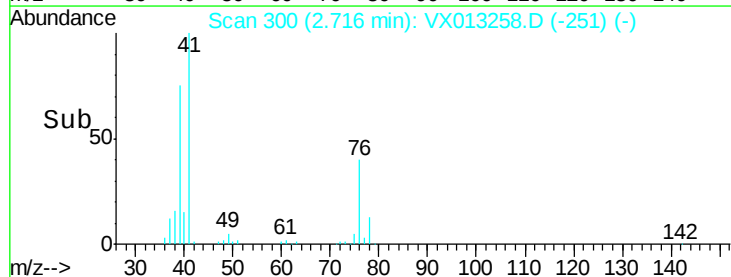
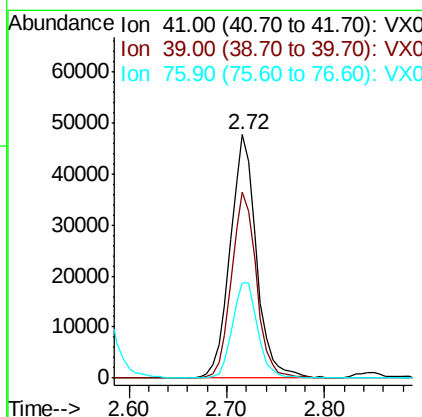
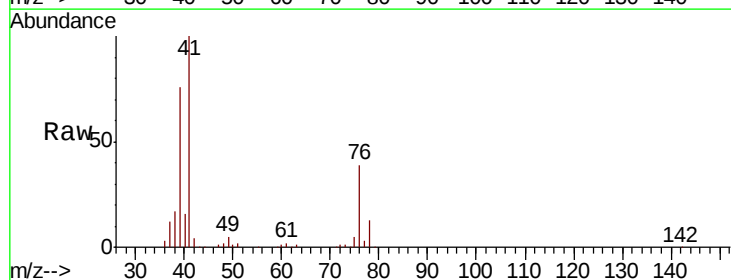
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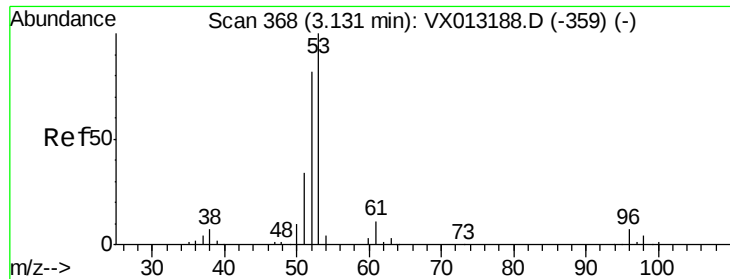
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#14
Allyl chloride
Concen: 45.692 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	41	Resp	88812
Ion Ratio	100	Lower	Upper
39	72.4	54.6	81.8
76	38.1	29.8	44.6





#15

Acrylonitrile

Concen: 242.443 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

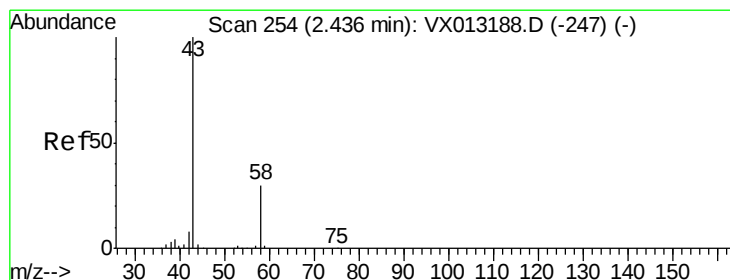
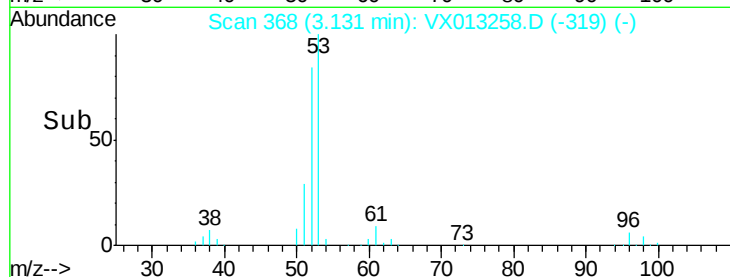
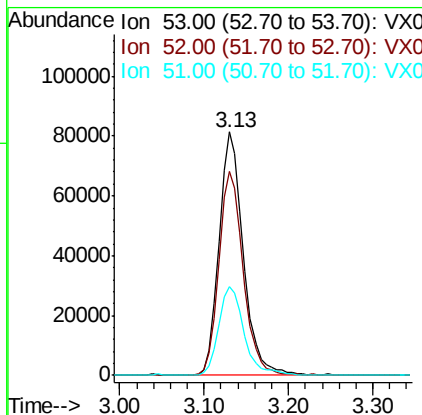
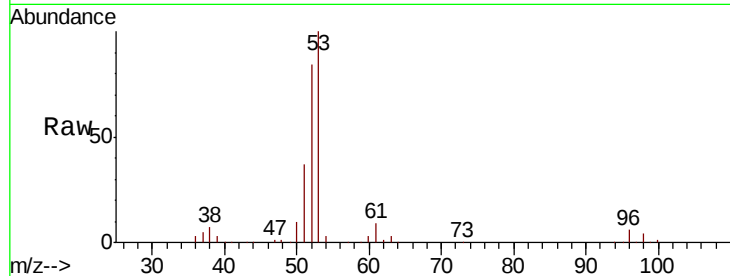
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	161991
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.4	99.6
51	38.2	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 219.517 ug/l

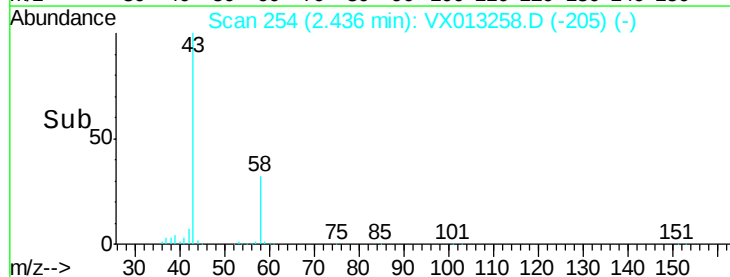
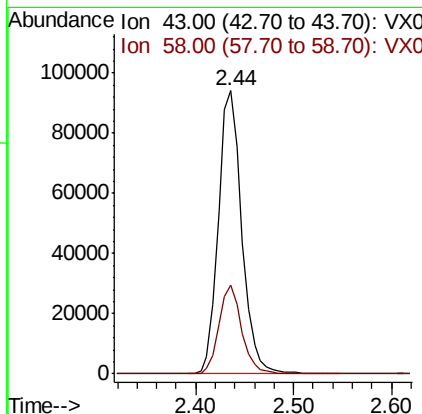
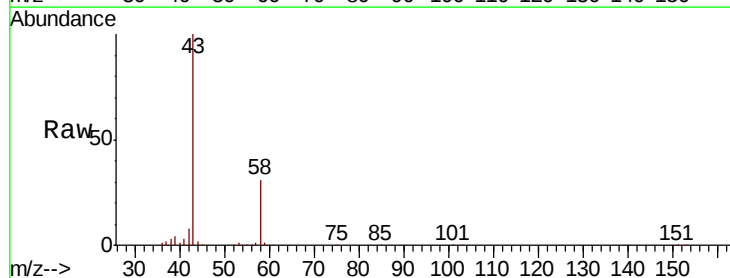
RT: 2.44 min Scan# 254

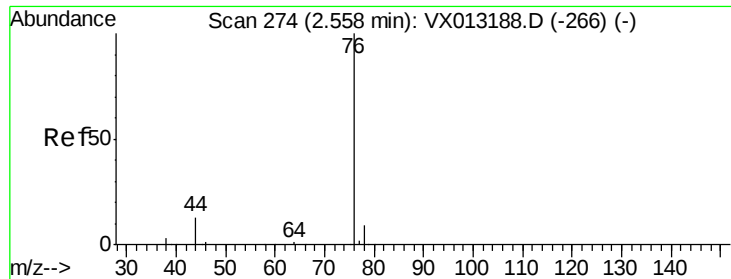
Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Tgt Ion:	43	Resp:	156770
Ion	Ratio	Lower	Upper
43	100		
58	31.5	23.8	35.6





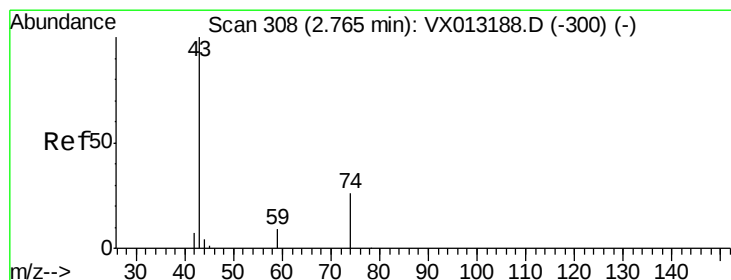
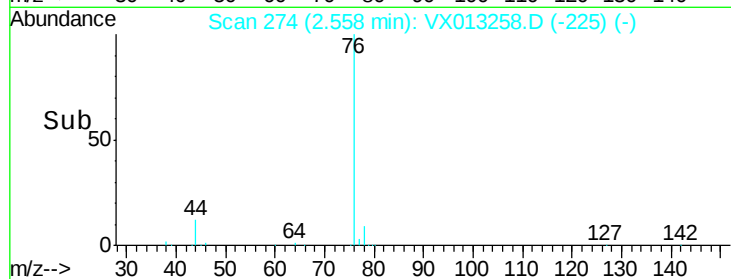
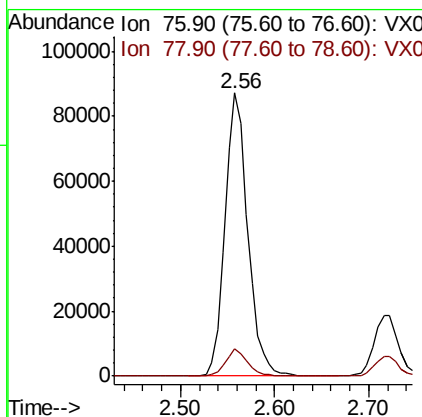
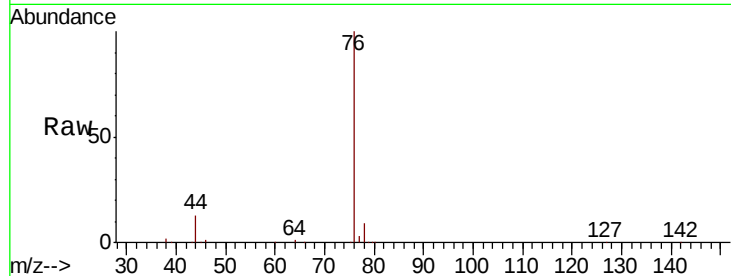
#17
Carbon Disulfide
Concen: 44.041 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

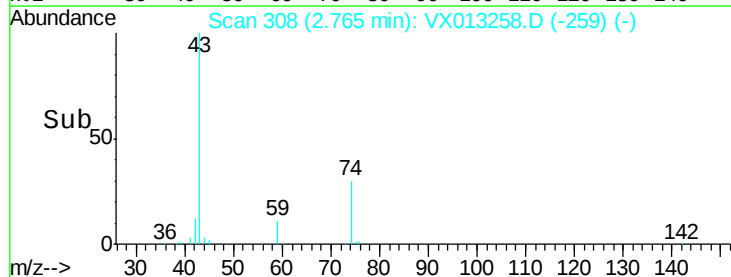
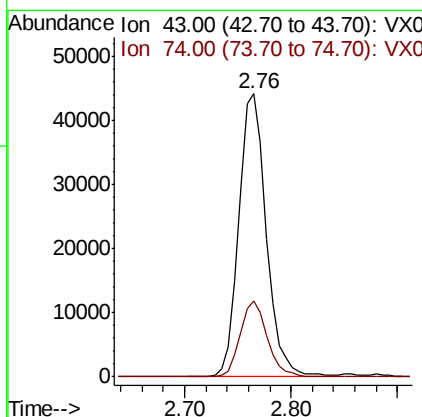
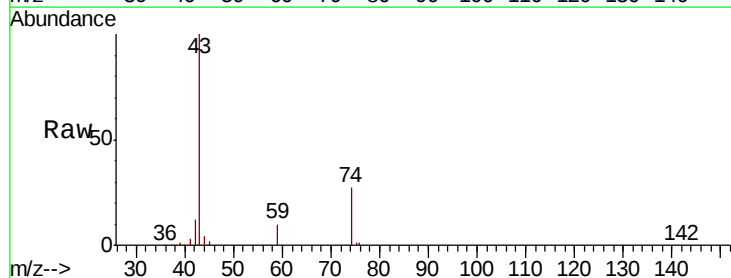
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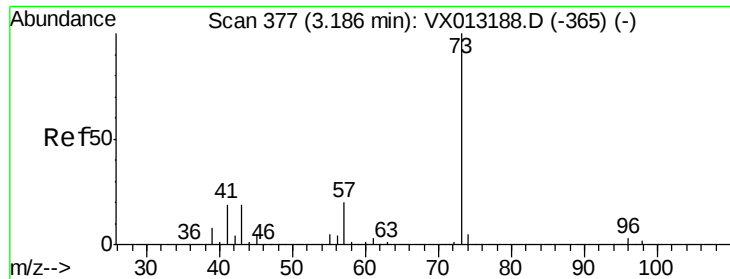
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#18
Methyl Acetate
Concen: 51.581 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	20.9	31.3





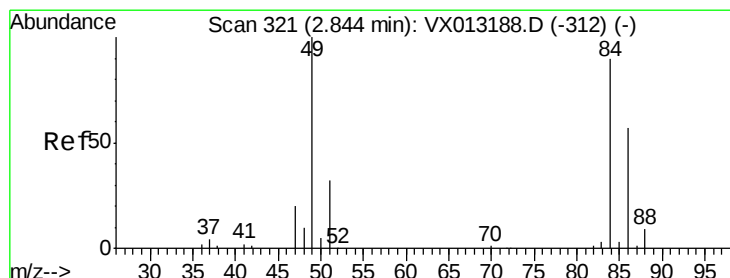
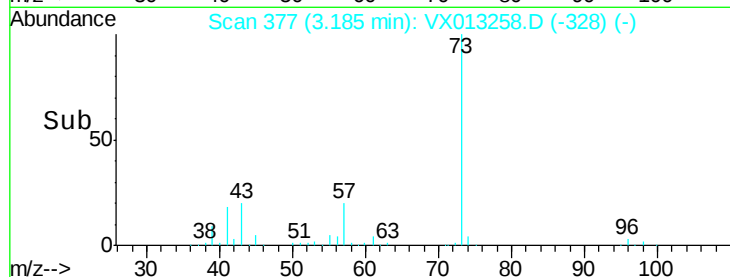
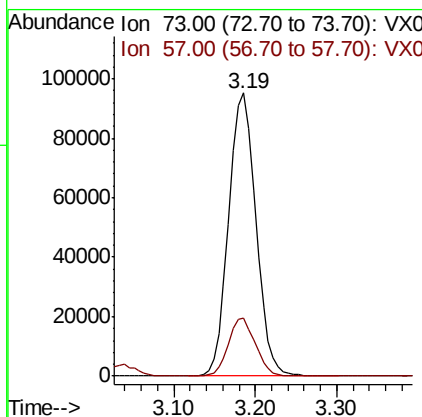
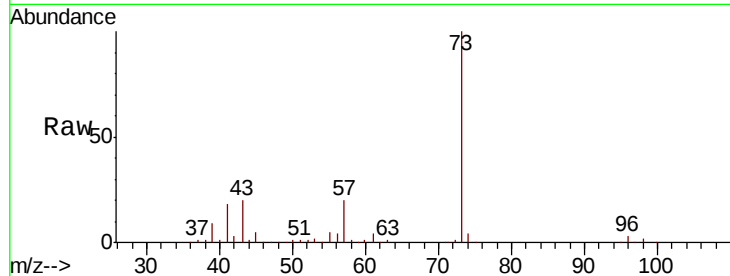
#19
Methyl tert-butyl Ether
Concen: 50.527 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 219679
Ion Ratio Lower Upper
73 100
57 20.5 15.8 23.8

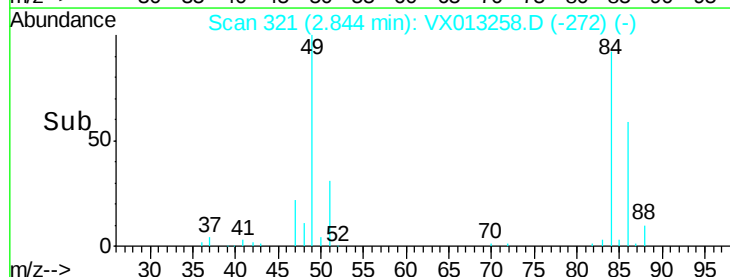
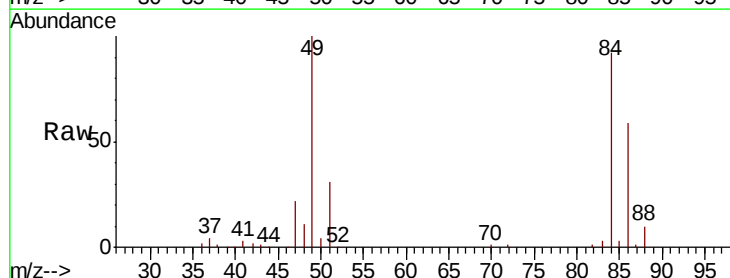
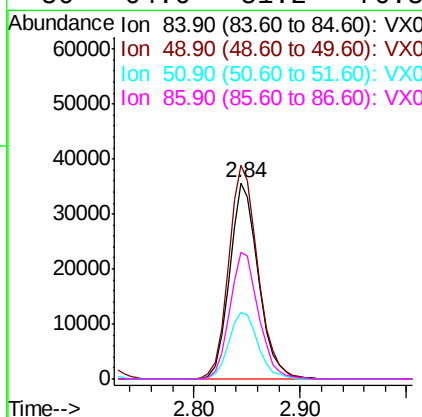
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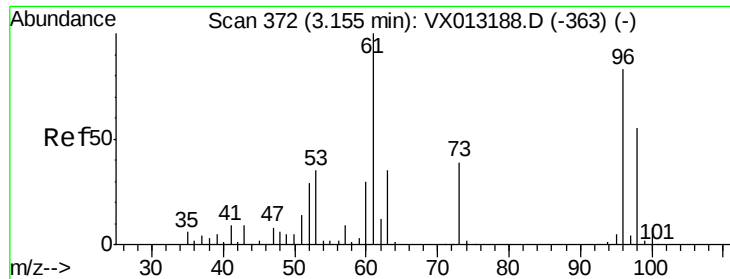
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#20
Methylene Chloride
Concen: 50.406 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion: 84 Resp: 67320
Ion Ratio Lower Upper
84 100
49 108.9 89.2 133.8
51 33.9 28.8 43.2
86 64.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.496 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

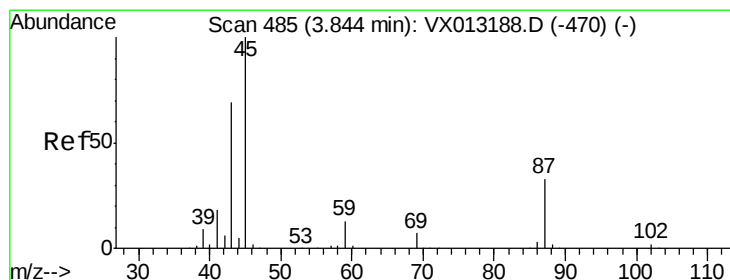
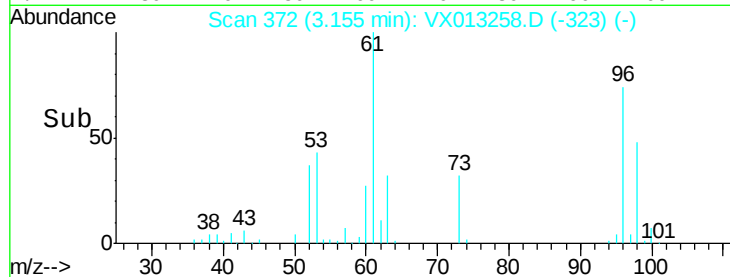
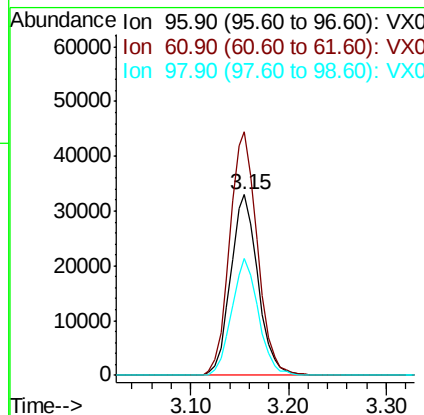
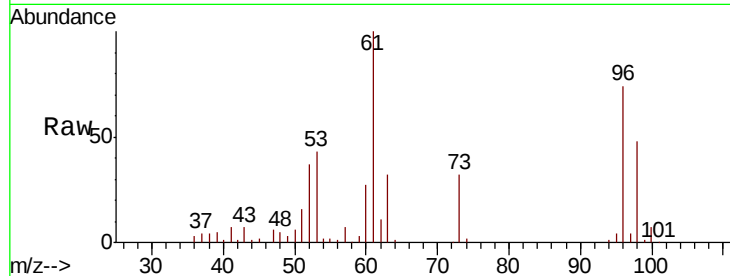
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	63577
Ion	Ratio	Lower	Upper
96	100		
61	135.0	96.9	145.3
98	64.8	53.0	79.4

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#22

Diisopropyl ether

Concen: 48.570 ug/l

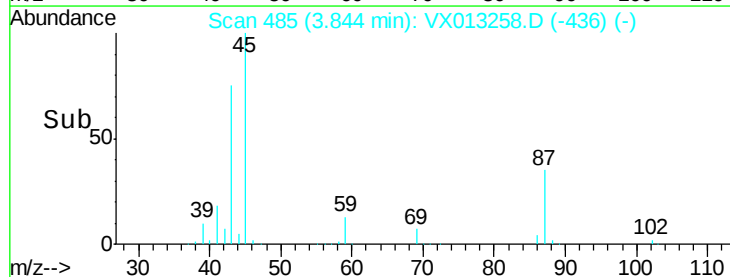
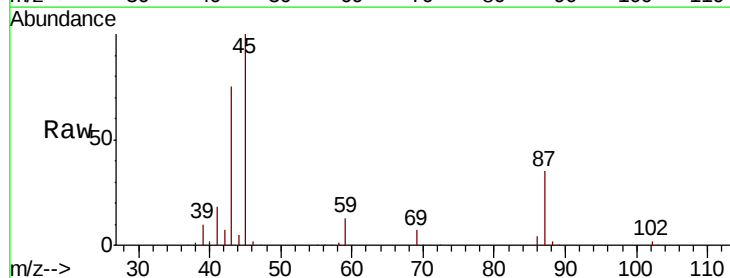
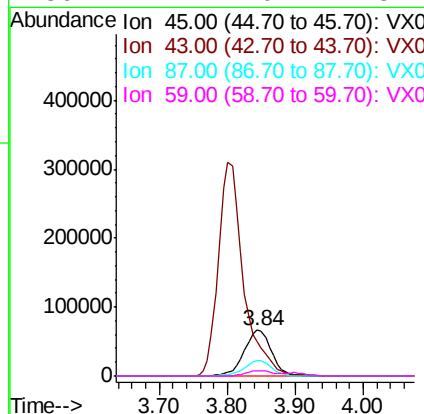
RT: 3.84 min Scan# 485

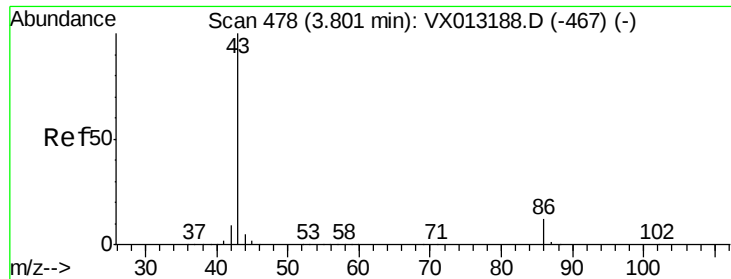
Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Tgt Ion:	45	Resp:	184589
Ion	Ratio	Lower	Upper
45	100		
43	75.1	55.5	83.3
87	34.6	26.7	40.1
59	12.7	10.2	15.2





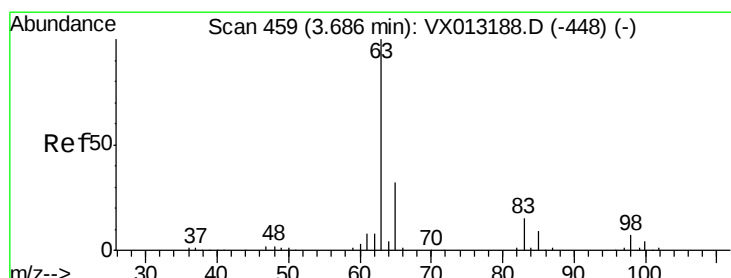
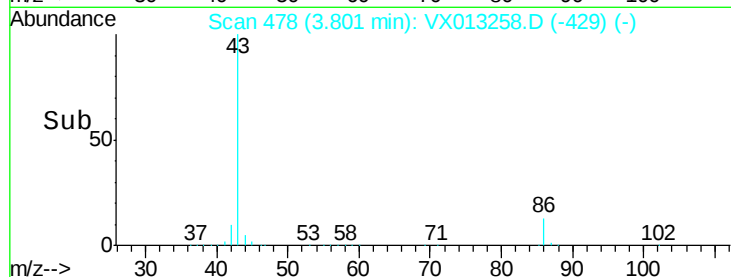
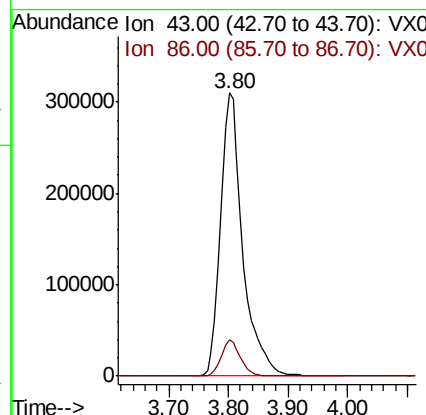
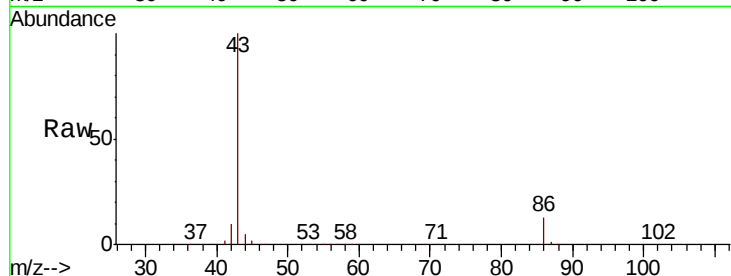
#23
 Vinyl Acetate
 Concen: 247.453 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.6	9.7	14.5

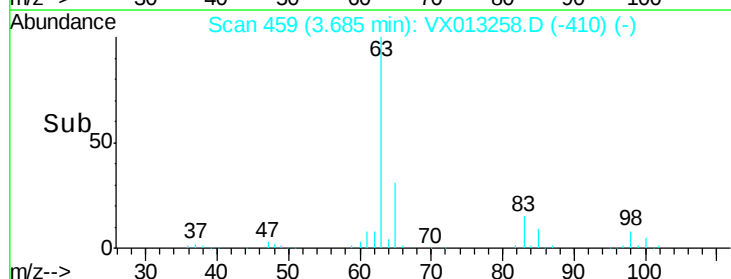
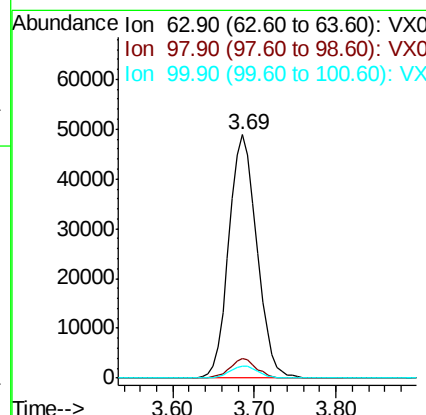
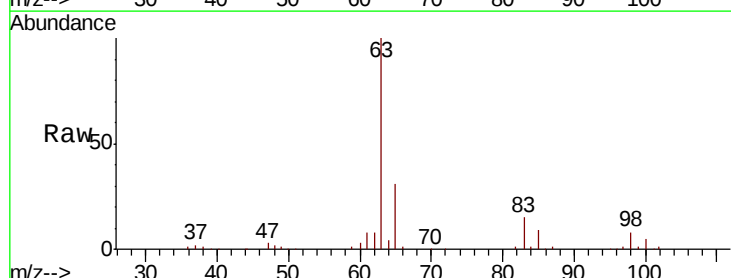
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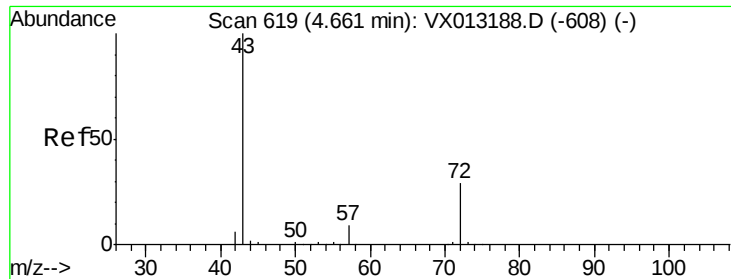
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#24
 1,1-Dichloroethane
 Concen: 49.475 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.8	11.2
100	4.8	2.2	6.6





#25

2-Butanone

Concen: 233.618 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 223750

Ion Ratio Lower Upper

43 100

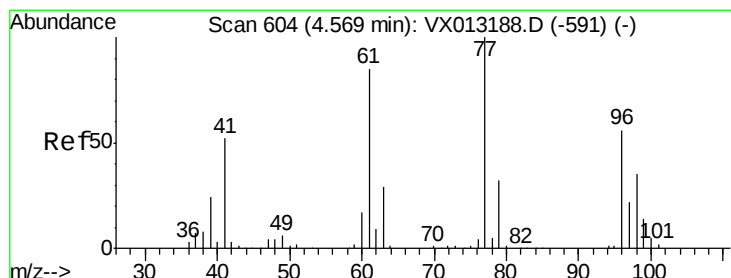
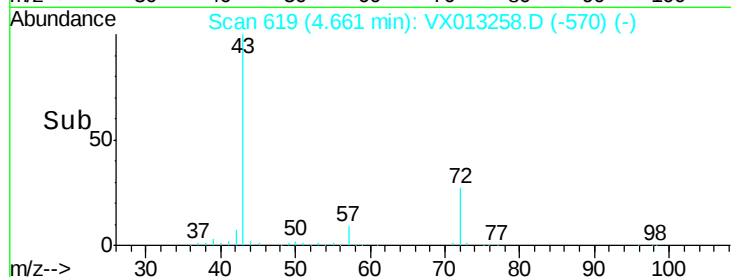
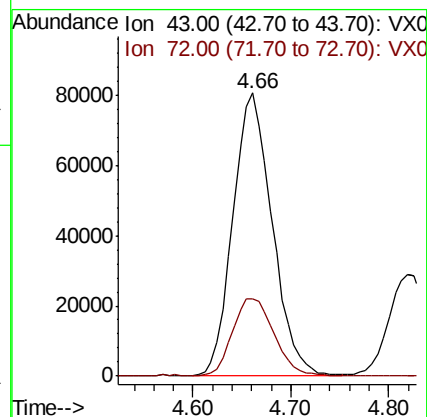
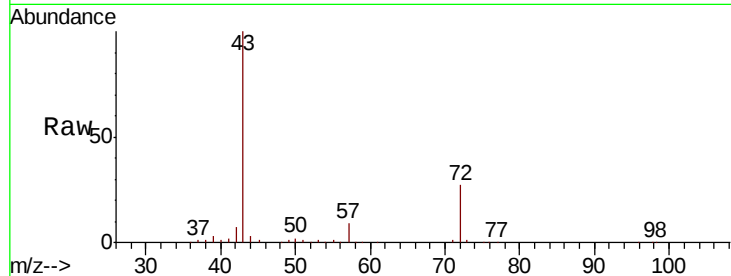
72 27.3 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.825 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013258.D

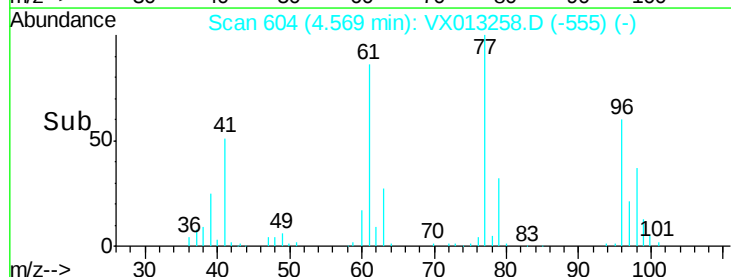
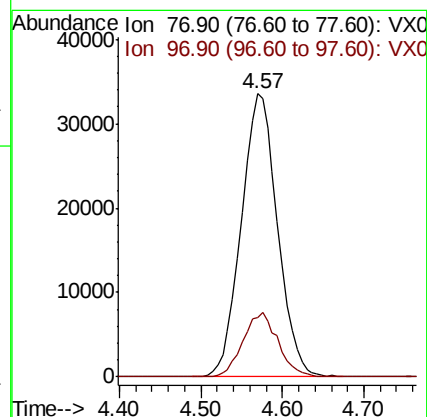
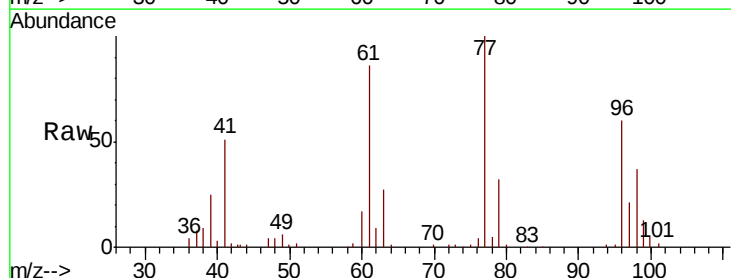
Acq: 28 Oct 2019 19:14

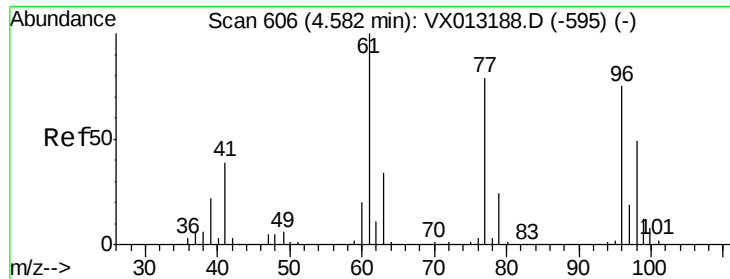
Tgt Ion: 77 Resp: 103323

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.6





#27

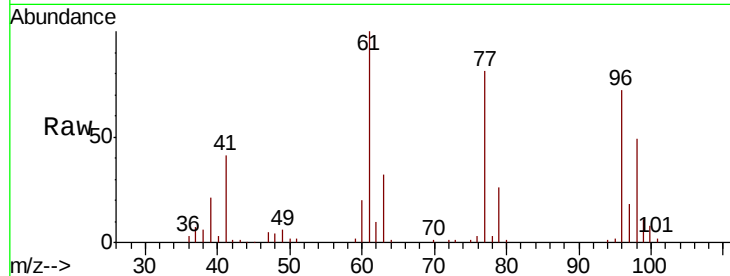
cis-1,2-Dichloroethene
Concen: 48.561 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	290.4
98	66.2	0.0	130.4

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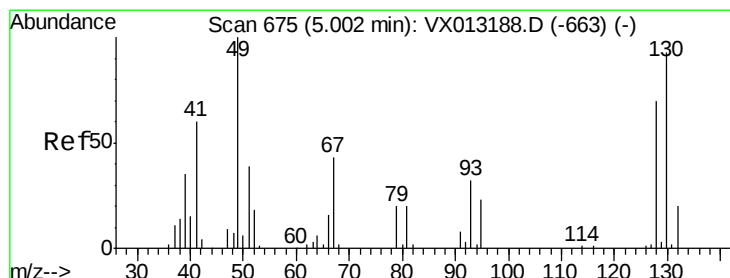
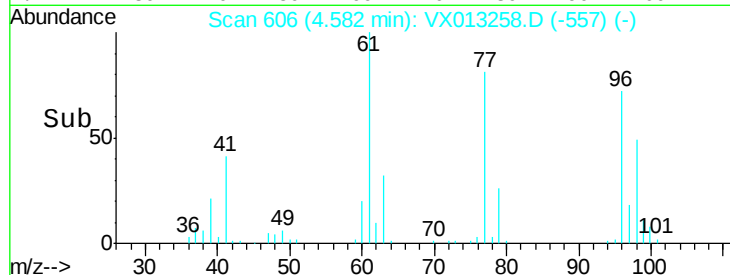
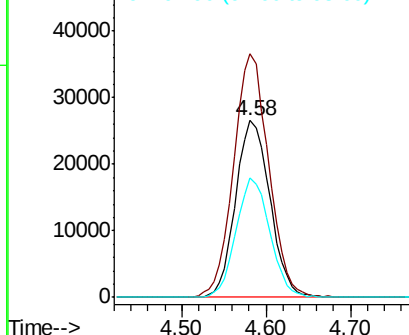


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

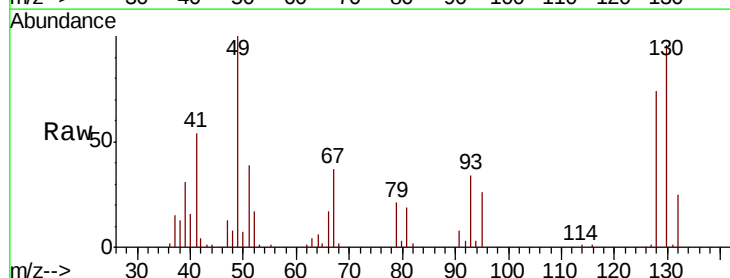
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 51.678 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.8
130	97.5	71.8	107.8

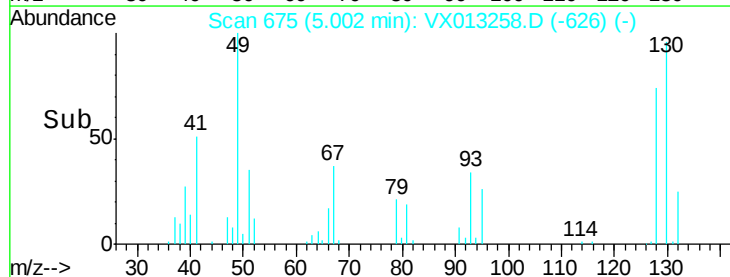
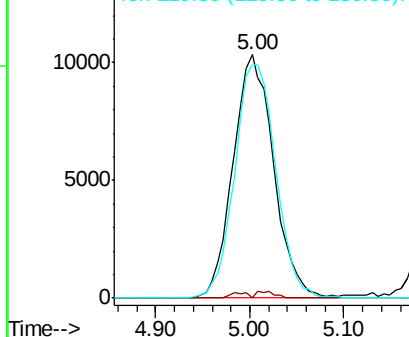


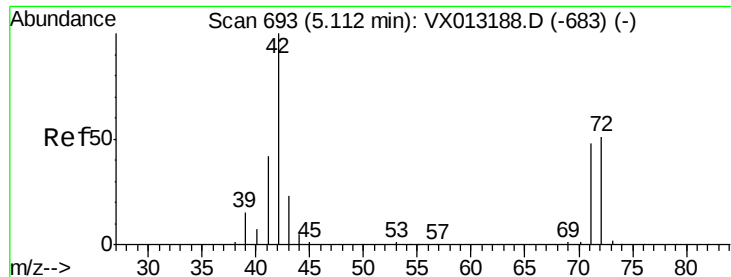
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





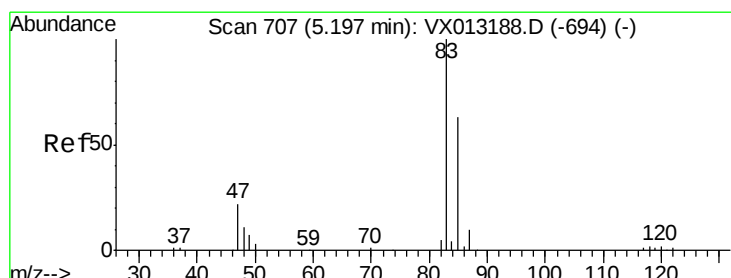
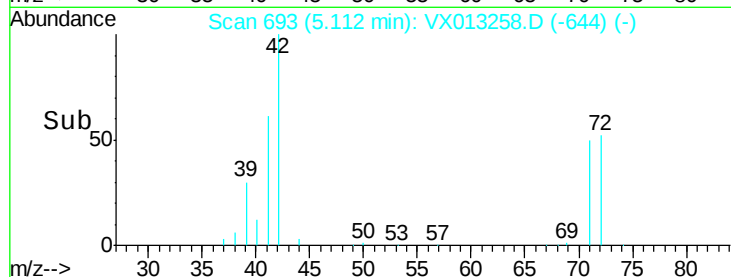
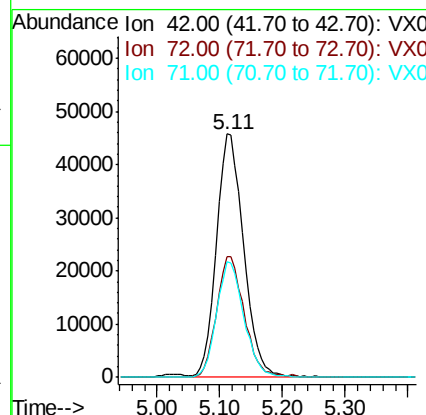
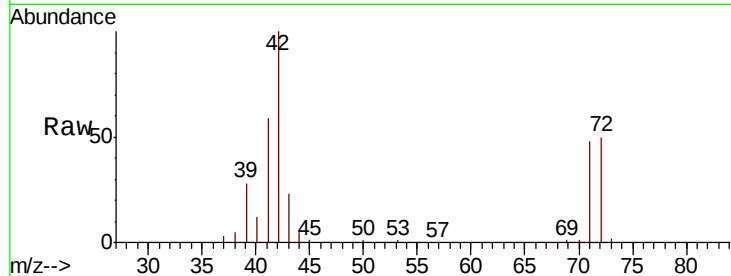
#29
Tetrahydrofuran
Concen: 238.709 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.6	40.9	61.3
71	47.4	38.6	57.8

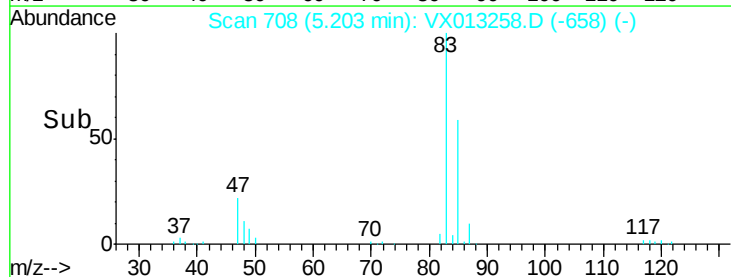
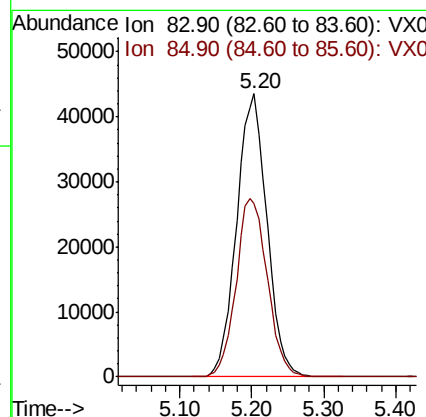
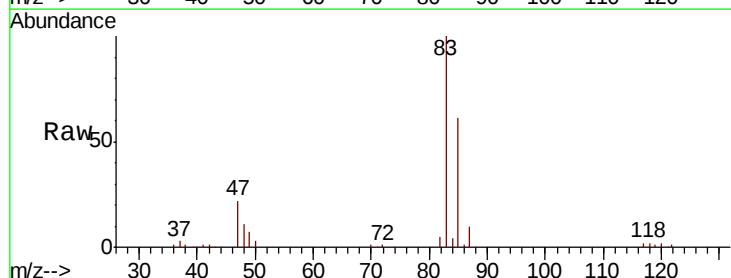
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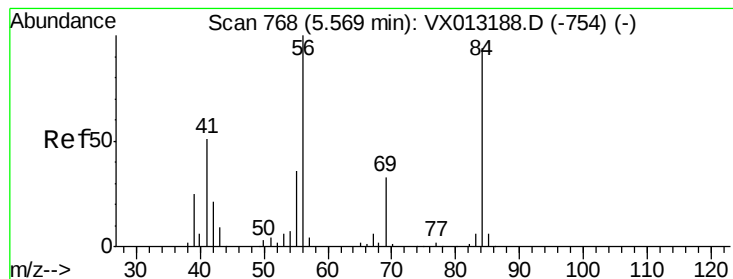
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#30
Chloroform
Concen: 51.205 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	50.1	75.1





#31

Cyclohexane

Concen: 48.118 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 94331

Ion Ratio Lower Upper

56 100

69 34.7 26.3 39.5

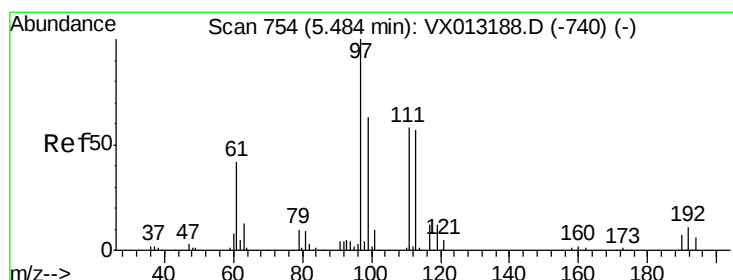
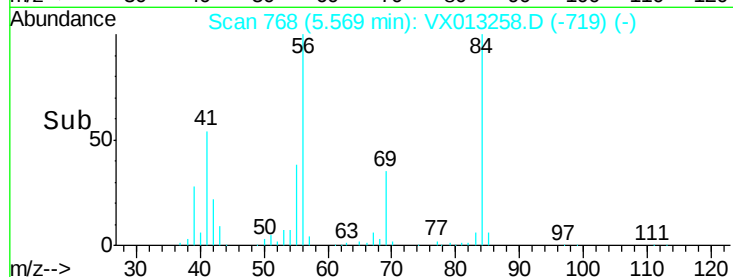
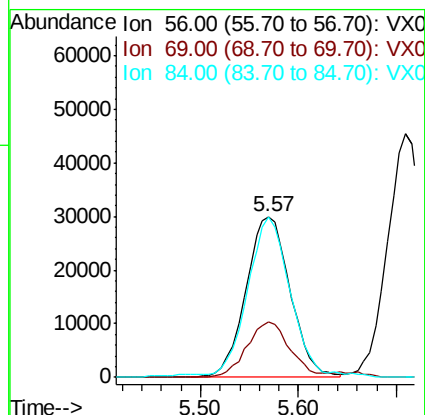
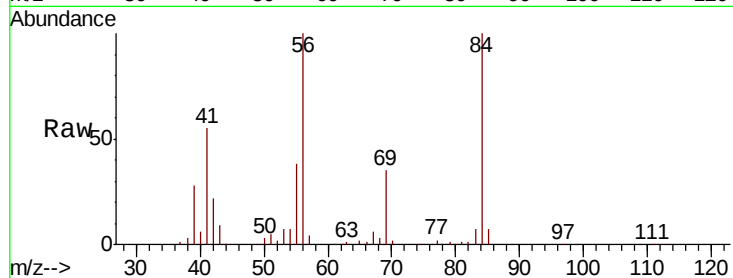
84 98.0 73.8 110.6

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#32

1,1,1-Trichloroethane

Concen: 53.930 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

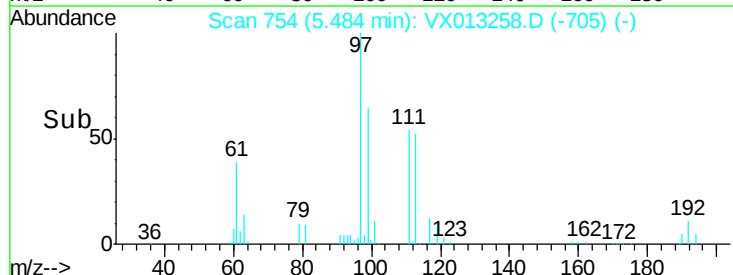
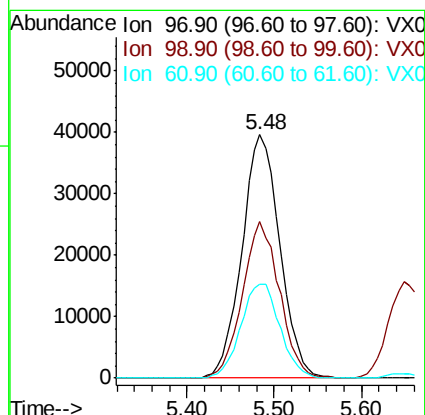
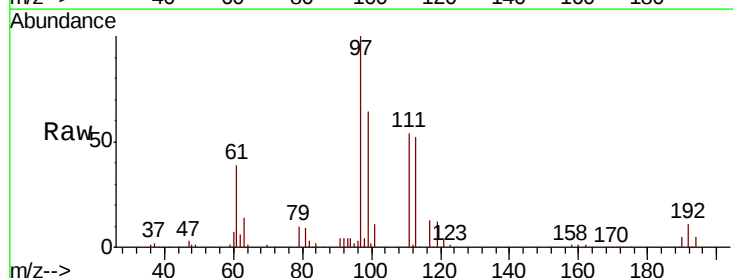
Tgt Ion: 97 Resp: 119345

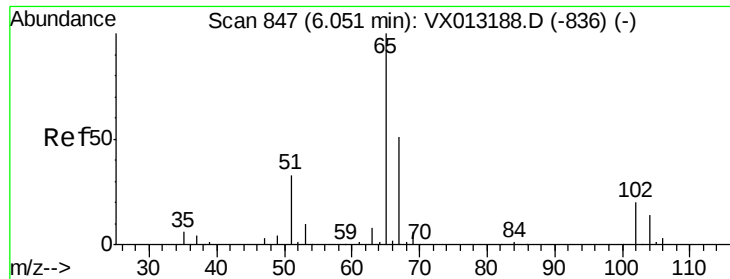
Ion Ratio Lower Upper

97 100

99 62.8 50.8 76.2

61 39.9 32.8 49.2





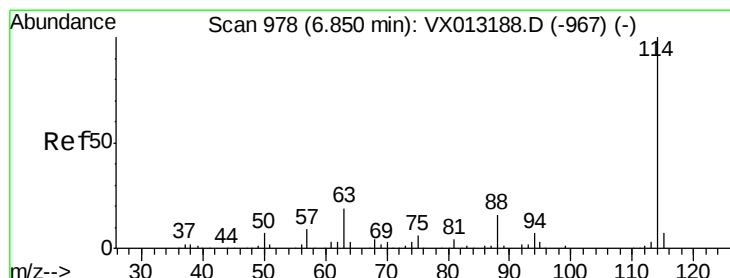
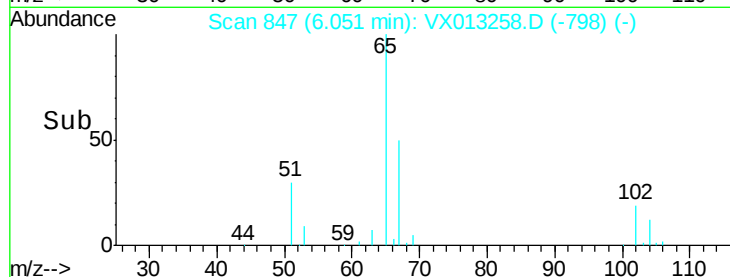
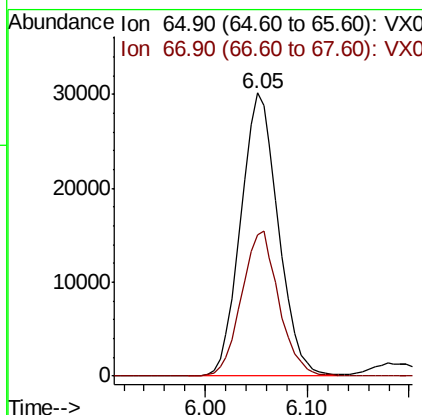
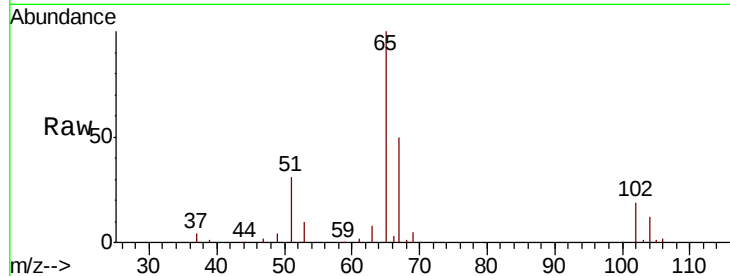
#33
 1,2-Dichloroethane-d4
 Concen: 50.933 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.6

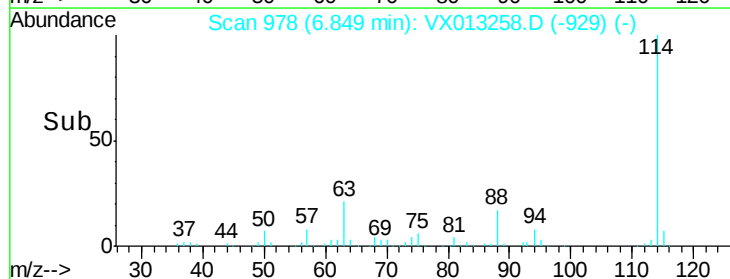
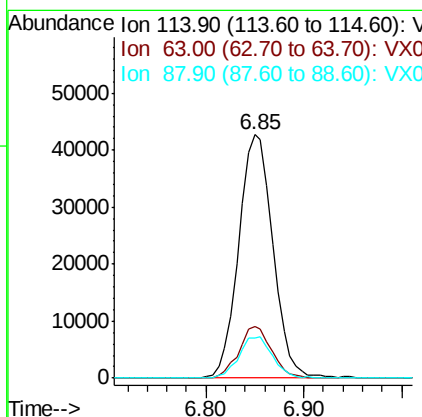
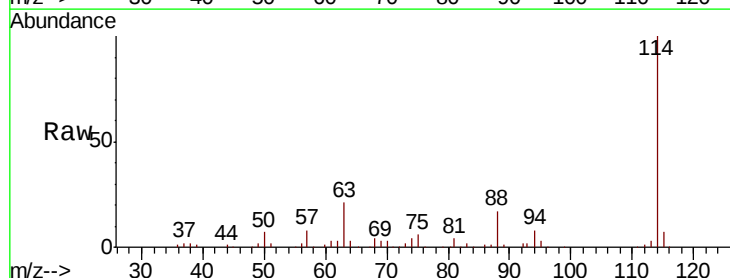
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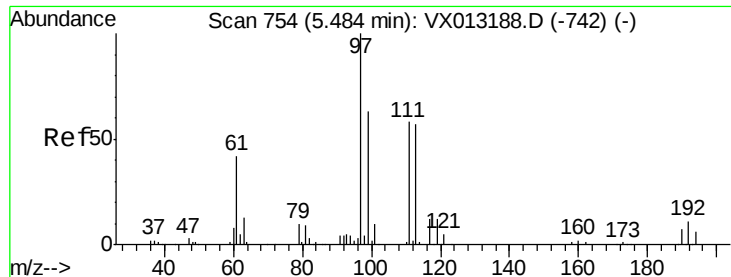
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.0
88	16.7	0.0	32.0





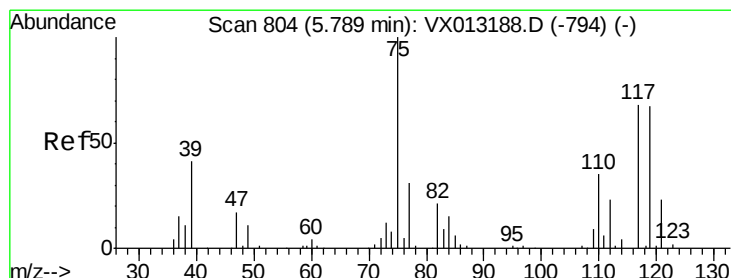
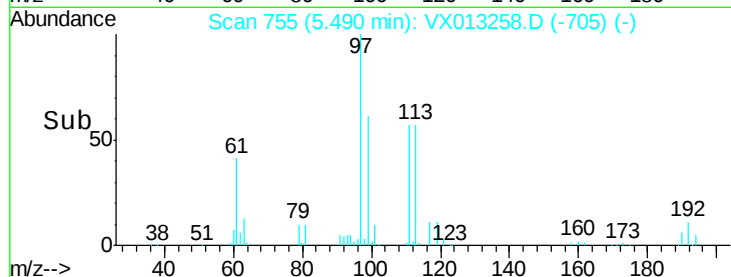
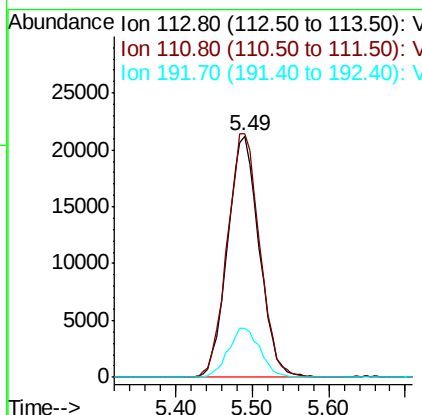
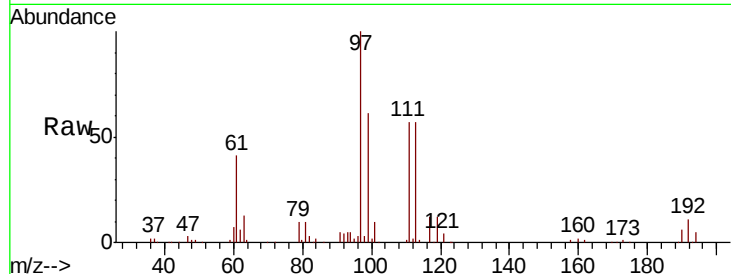
#35
 Dibromofluoromethane
 Concen: 52.407 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	60712		
111	103.4	80.3	120.5	
192	20.4	15.9	23.9	

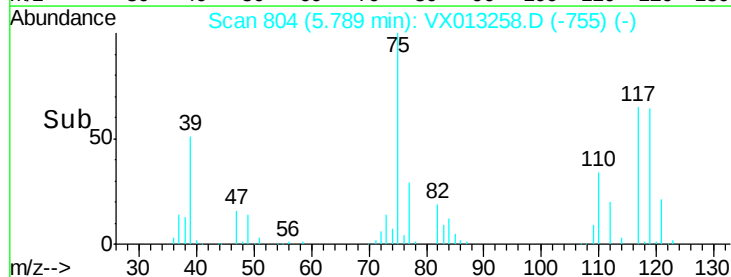
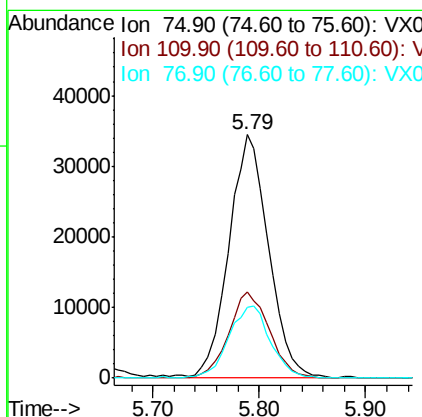
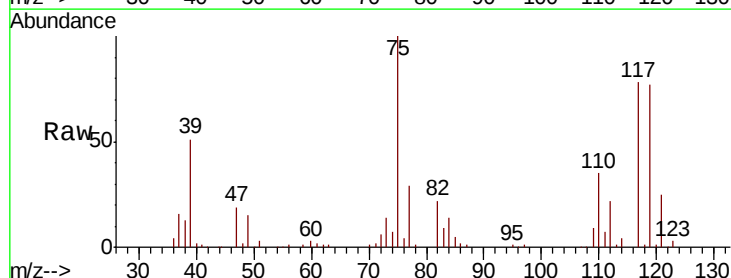
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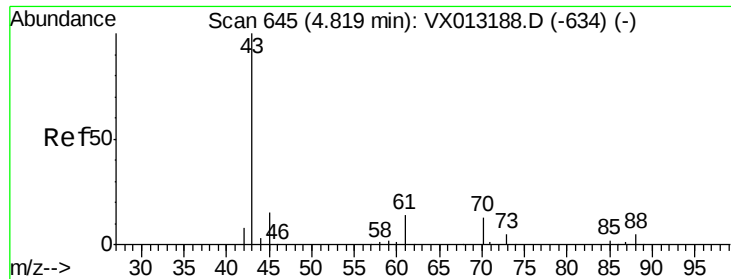
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#36
 1,1-Dichloropropene
 Concen: 51.362 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	89313		
110	36.4	17.6	52.9	
77	31.3	24.7	37.1	





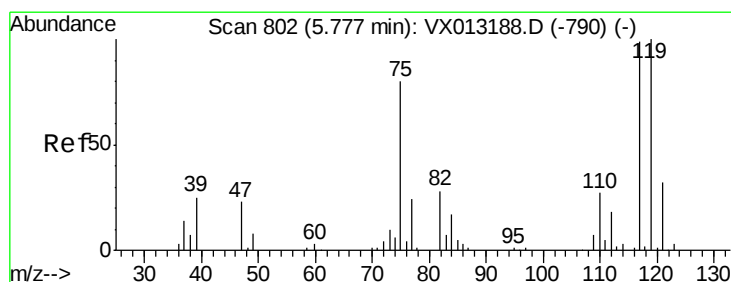
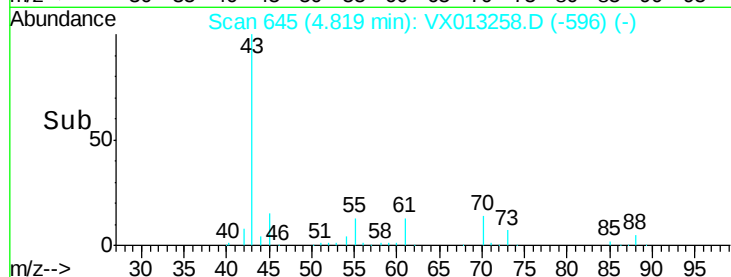
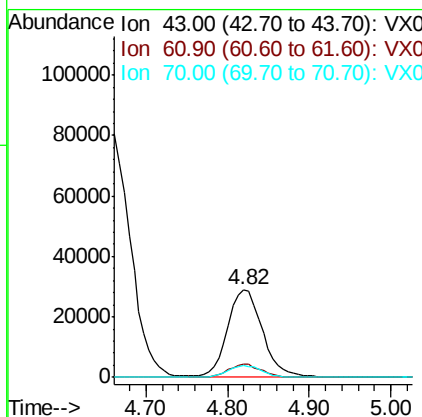
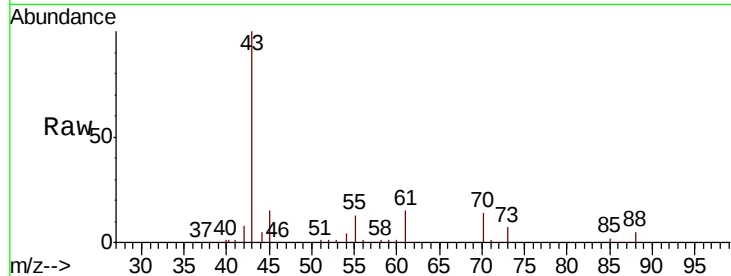
#37
Ethyl Acetate
Concen: 49.165 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.1	18.1
70	13.2	10.4	15.6

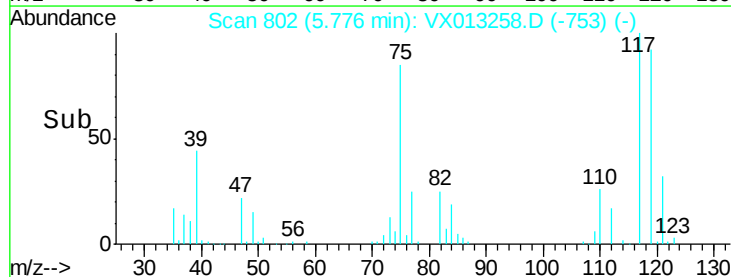
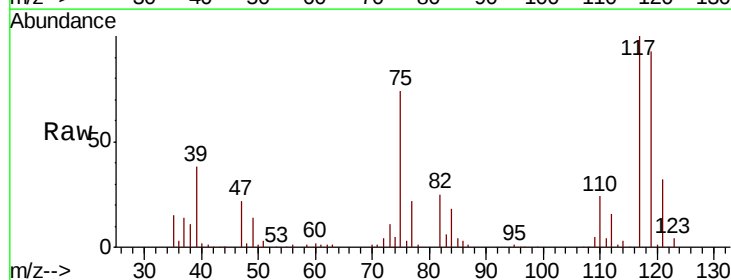
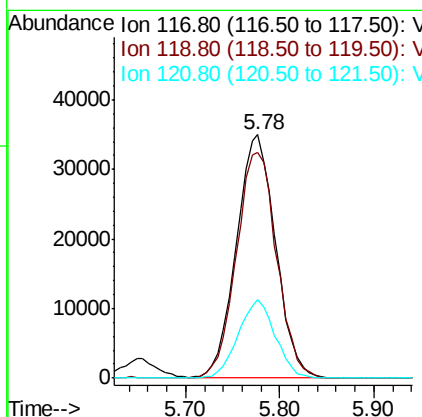
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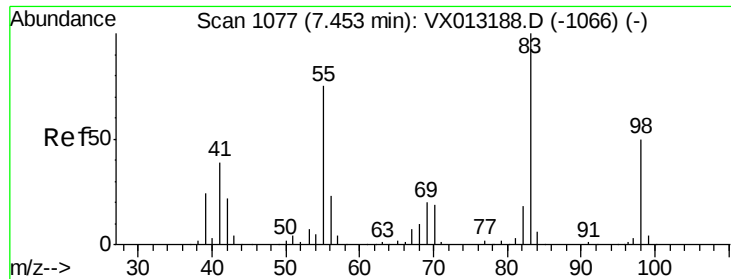
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#38
Carbon Tetrachloride
Concen: 53.081 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	80.1	120.1
121	32.4	25.5	38.3





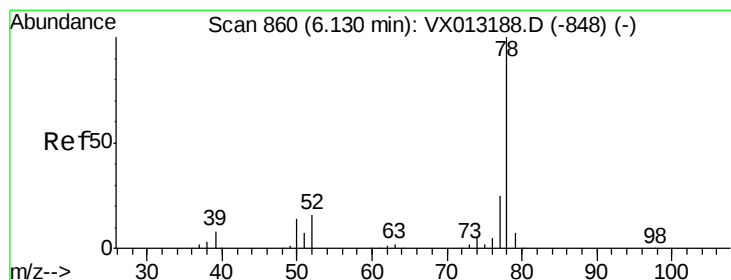
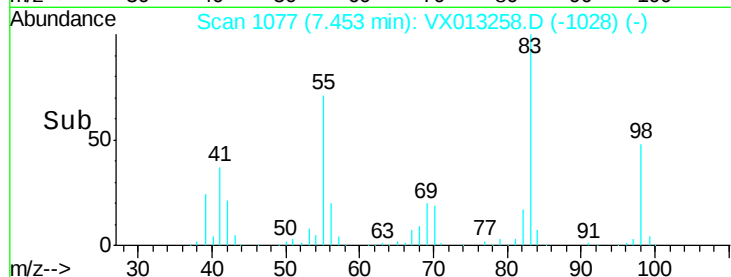
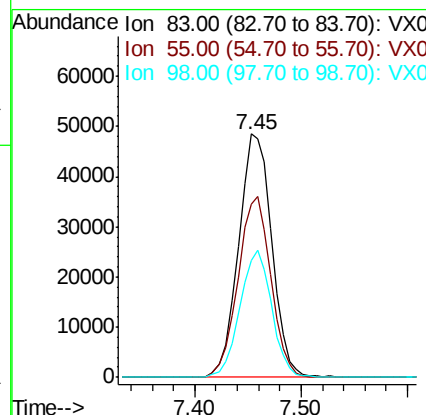
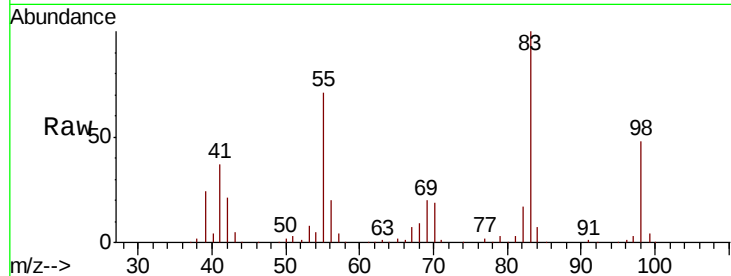
#39
Methvlcvclohexane
Concen: 47.750 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.1	60.1	90.1
98	48.2	39.8	59.8

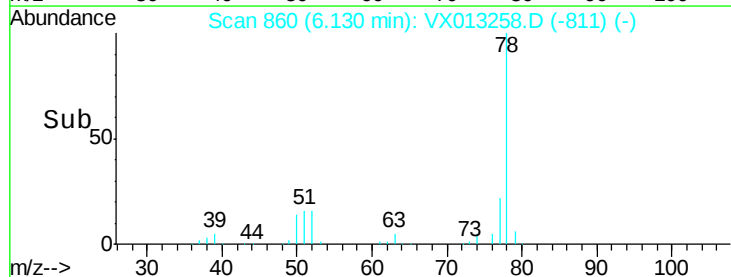
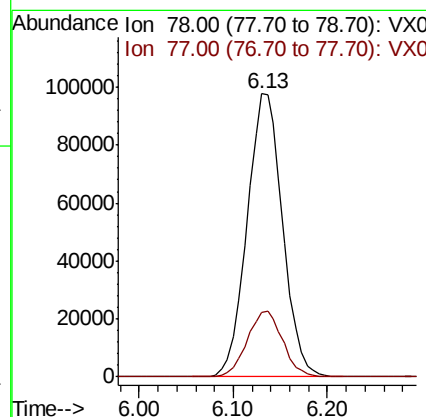
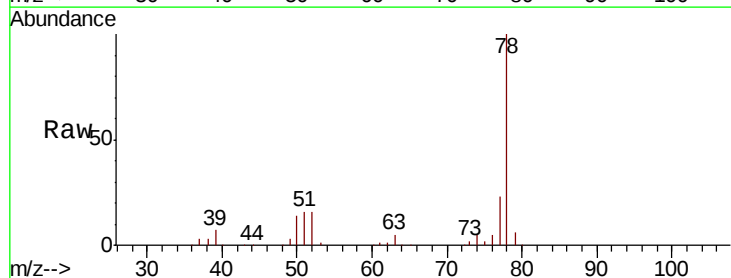
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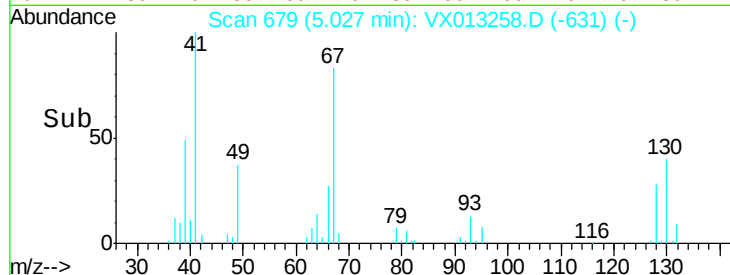
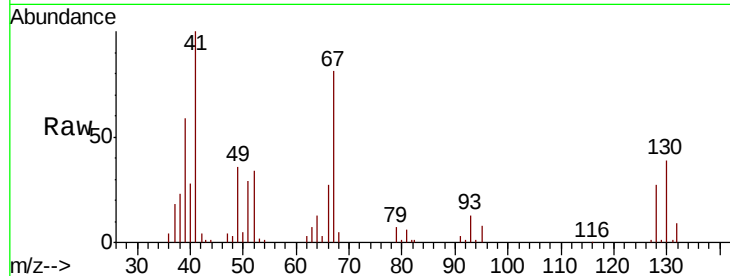
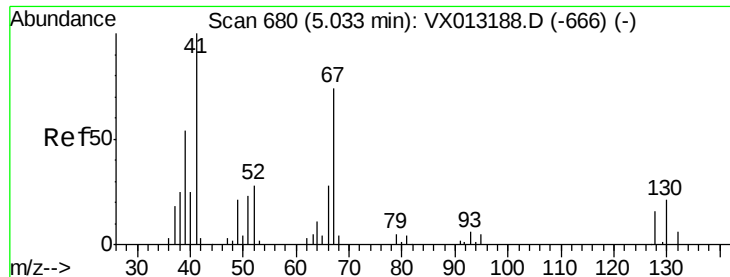
MMDadoda
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#40
Benzene
Concen: 49.421 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

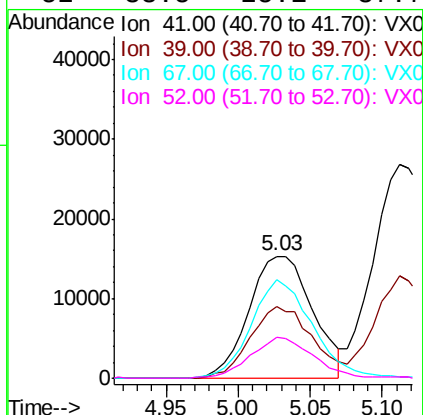
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.6	29.4





#41
Methacrylonitrile
Concen: 50.697 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

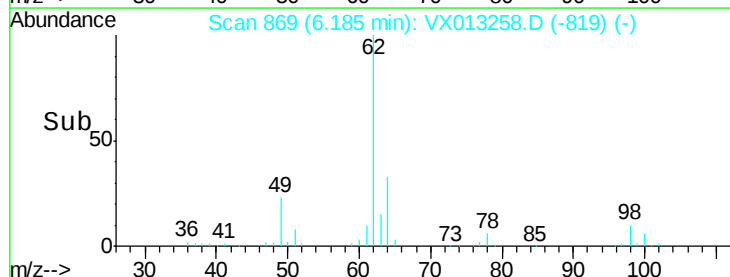
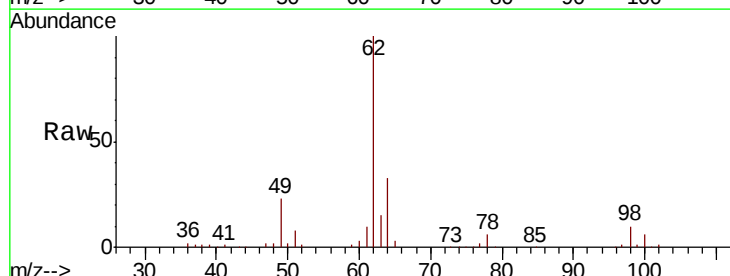
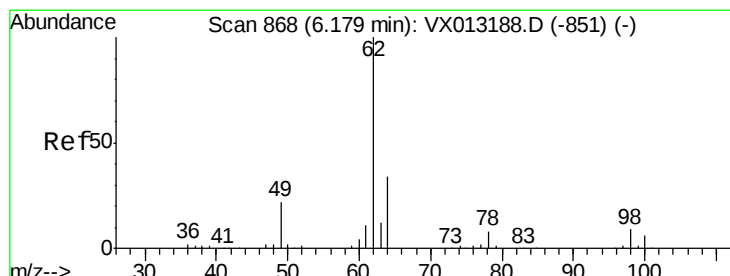
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.0	45.2	67.8	
67	77.9	61.3	91.9	
52	33.5	25.1	37.7	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

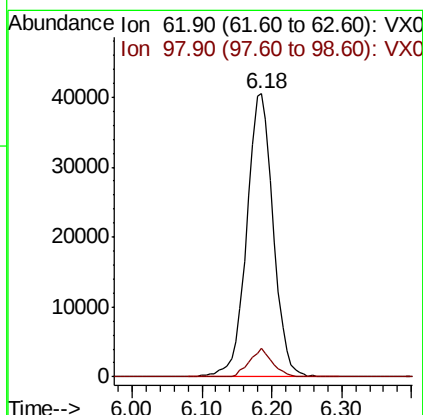
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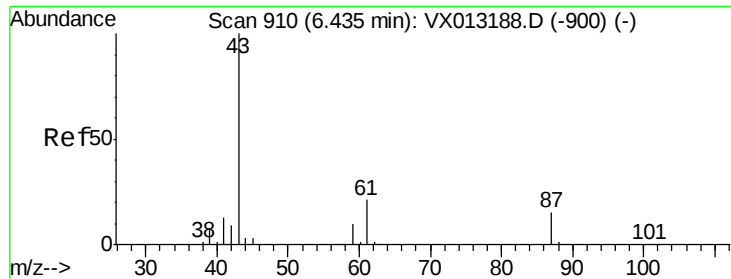
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#42
1,2-Dichloroethane
Concen: 54.108 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	18.4	





#43

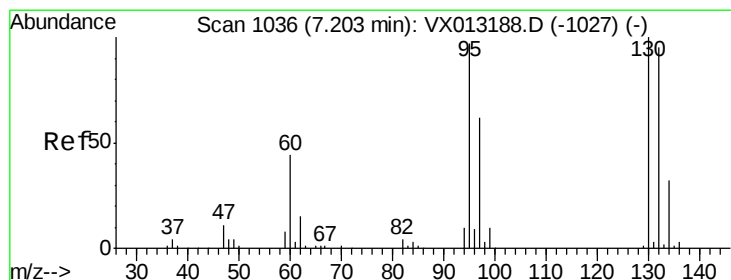
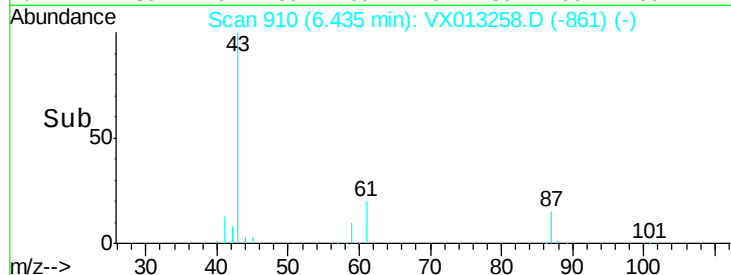
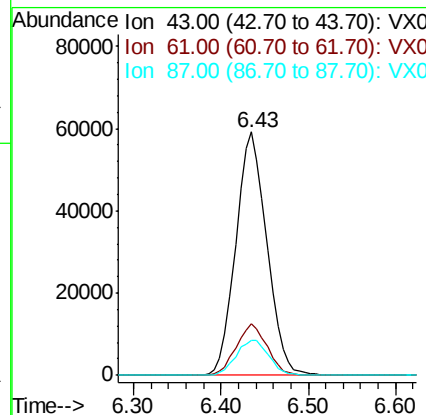
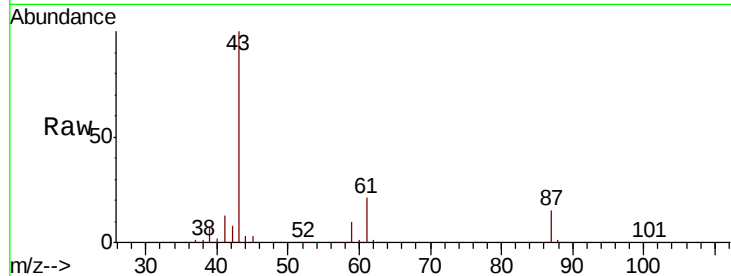
Isopropyl Acetate
 Concen: 50.890 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.0	25.4
87	15.2	12.1	18.1

Manual Integrations
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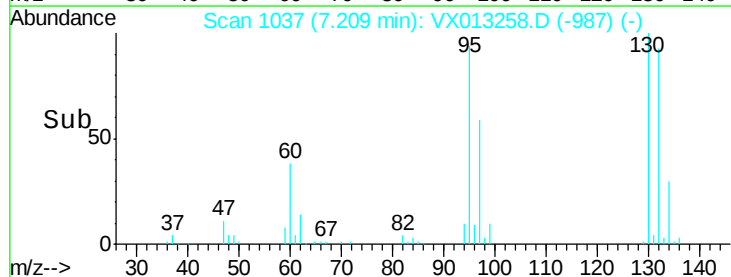
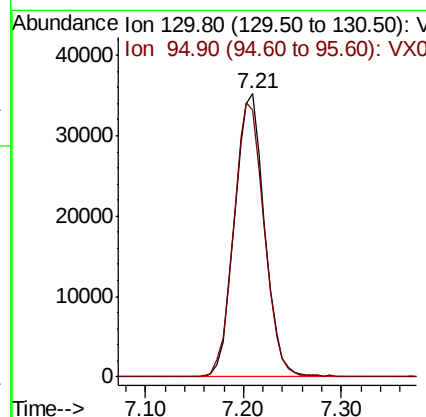
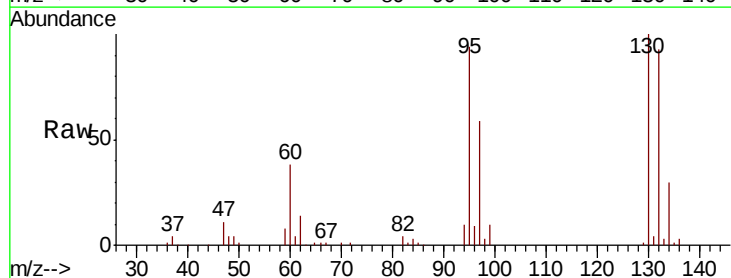
MMDadoda
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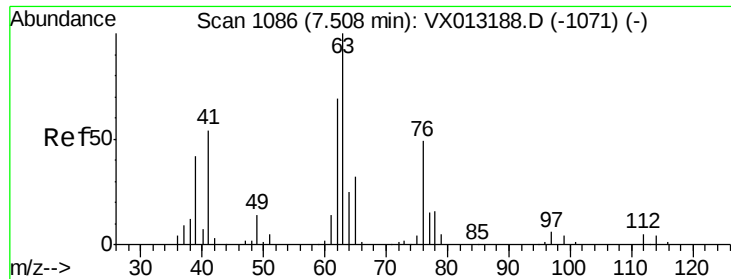


#44

Trichloroethene
 Concen: 50.415 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	193.6





#45

1,2-Dichloropropane

Concen: 48.747 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 63709

Ion Ratio Lower Upper

63 100

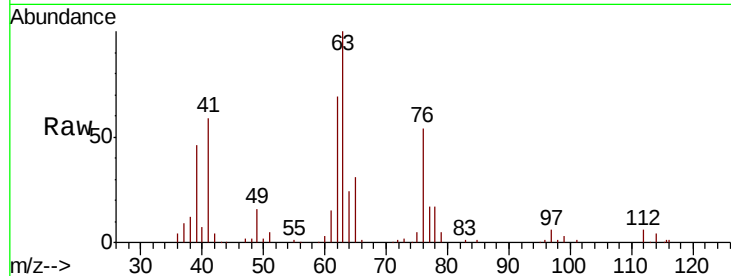
65 31.5 25.3 37.9

Manual Integrations

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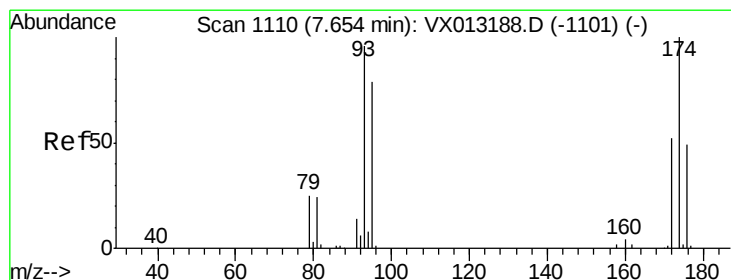
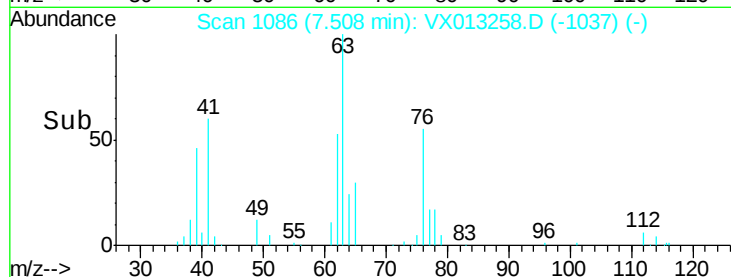
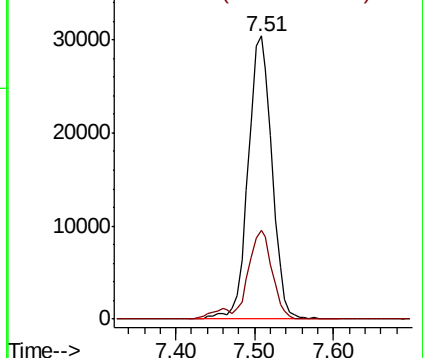
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.494 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

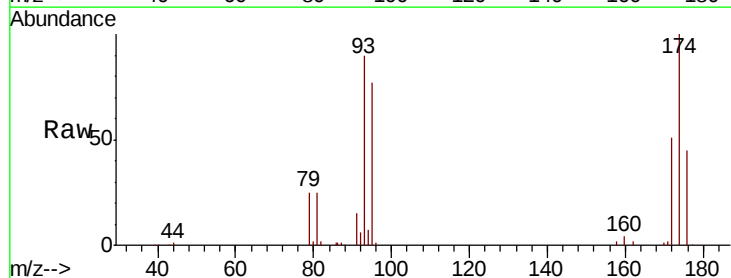
Tgt Ion: 93 Resp: 46603

Ion Ratio Lower Upper

93 100

95 86.0 66.2 99.4

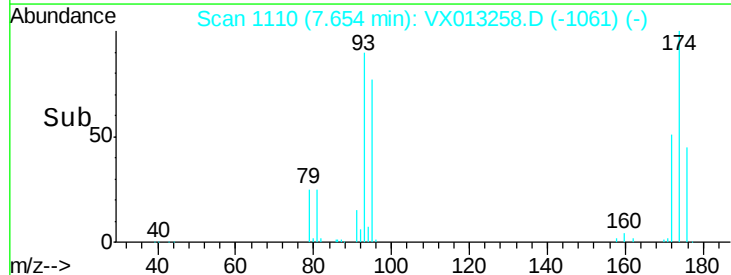
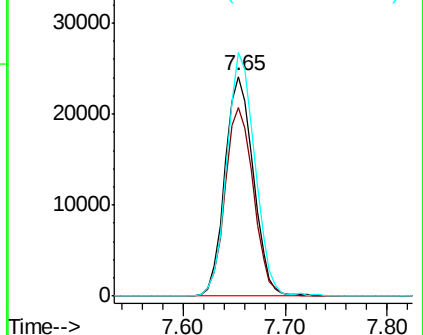
174 109.3 85.2 127.8

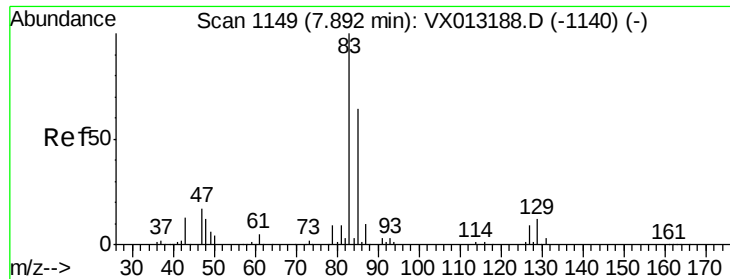


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.897 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

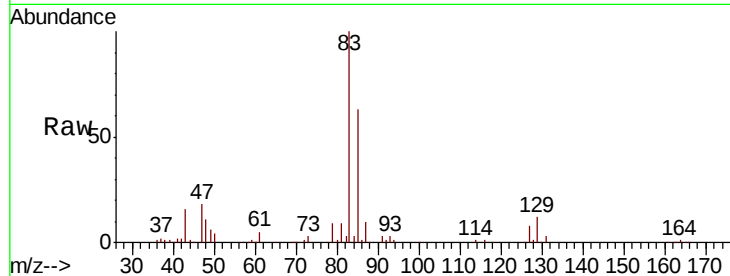
ClientSampleId :

VSTDCCC050EC

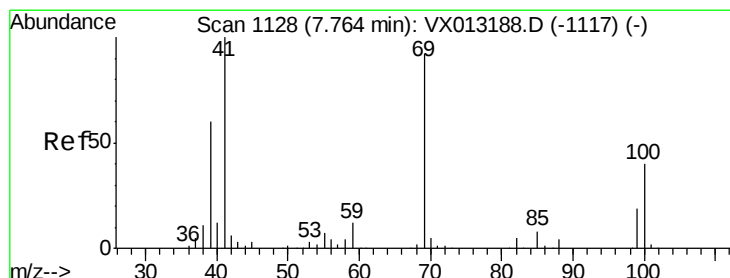
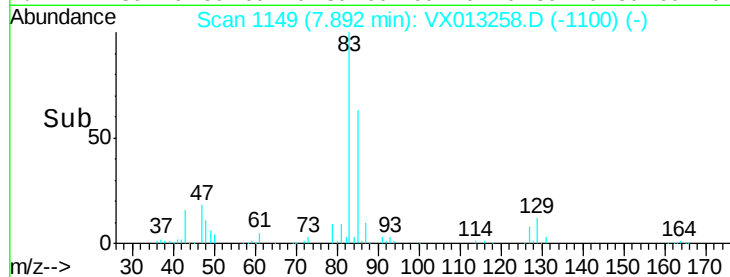
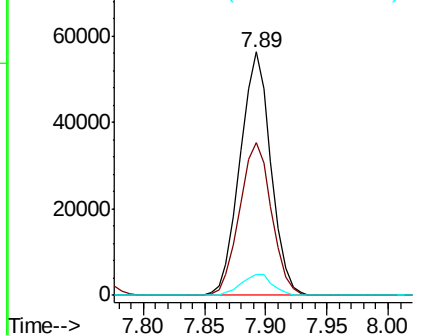
Tot Ion:	83	Resp:	98900
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.0	76.6
127	8.4	7.2	10.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.797 ug/l

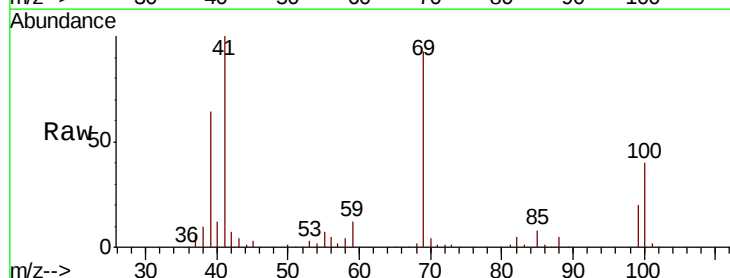
RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

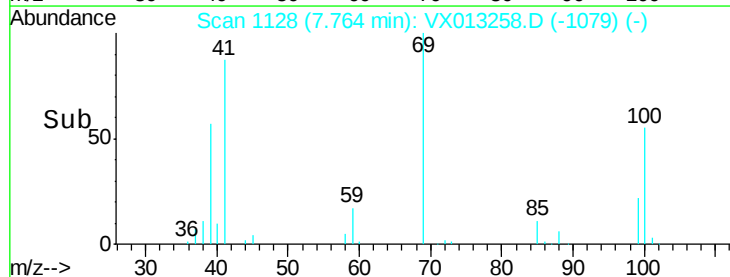
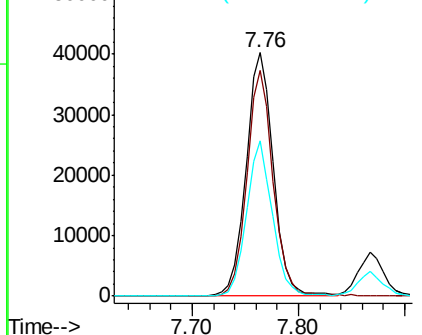
Lab File: VX013258.D

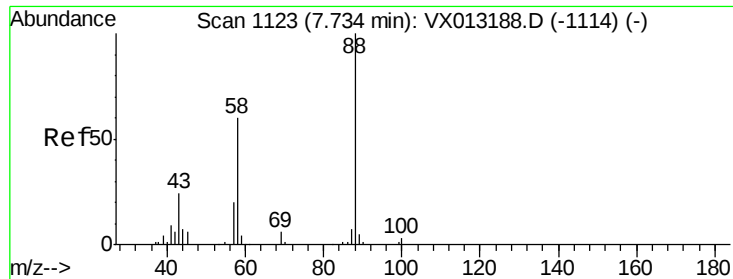
Acq: 28 Oct 2019 19:14

Tgt Ion:	41	Resp:	72163
Ion	Ratio	Lower	Upper
41	100		
69	89.7	72.0	108.0
39	60.7	47.4	71.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





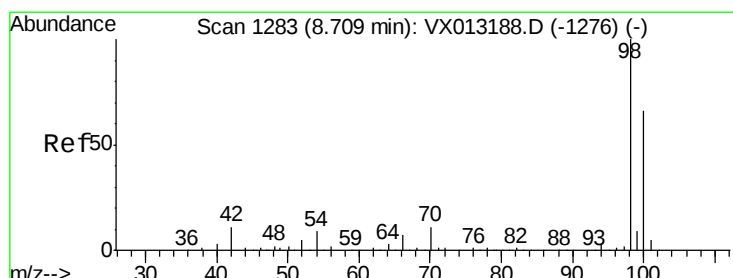
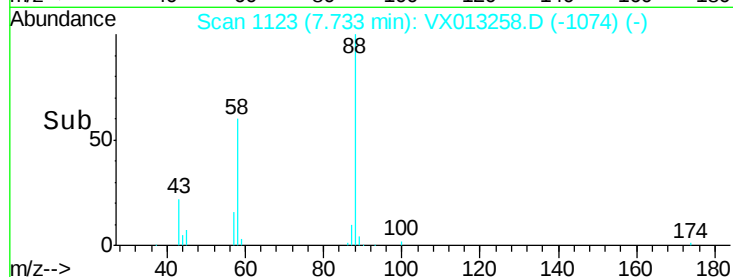
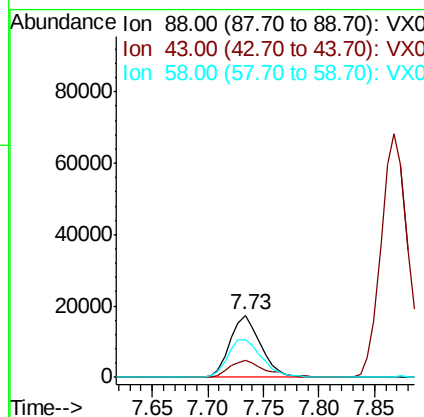
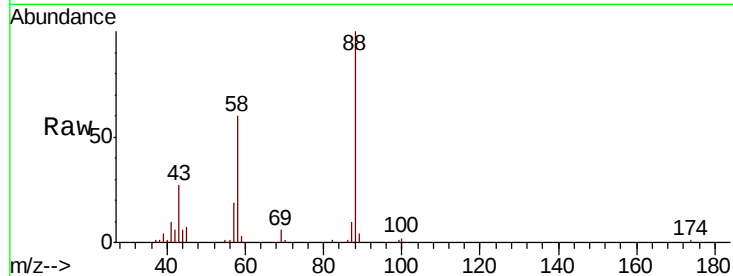
#49
1,4-Dioxane
Concen: 912.617 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	24.5	36.7
58	68.0	54.1	81.1

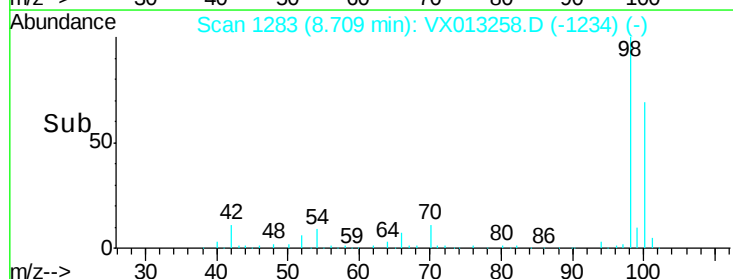
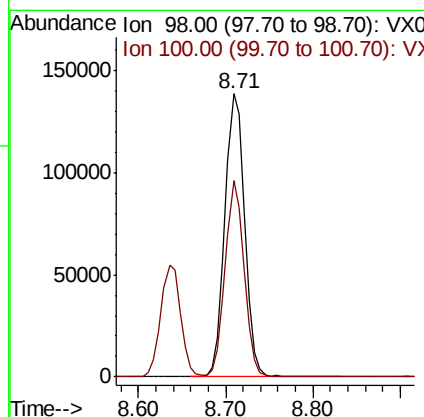
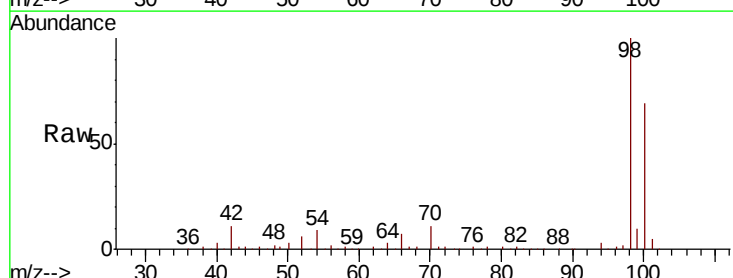
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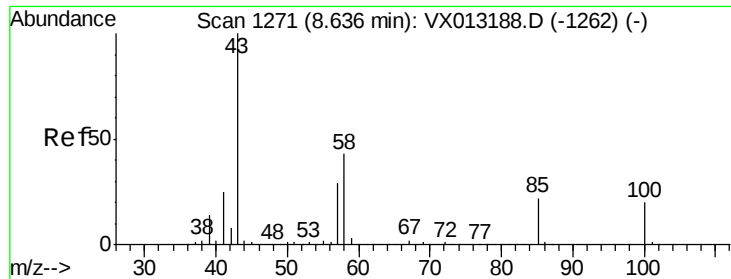
MMDadoda
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#50
Toluene-d8
Concen: 50.644 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 251.713 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Tot Ion: 43 Resp: 440991

Ion Ratio Lower Upper

43 100

58 42.0 33.9 50.9

Instrument :

MSVOA_X

ClientSampleId :

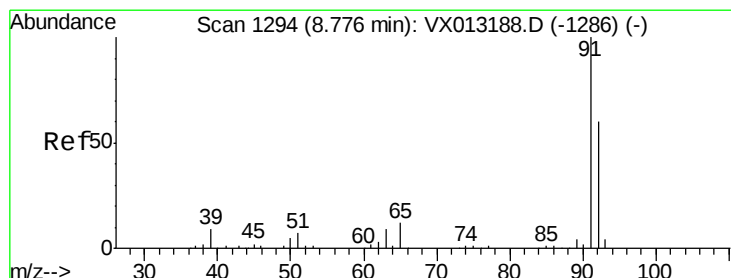
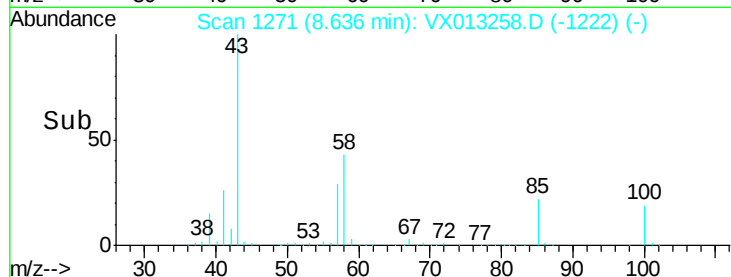
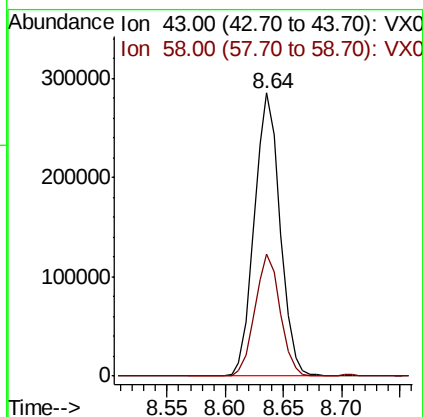
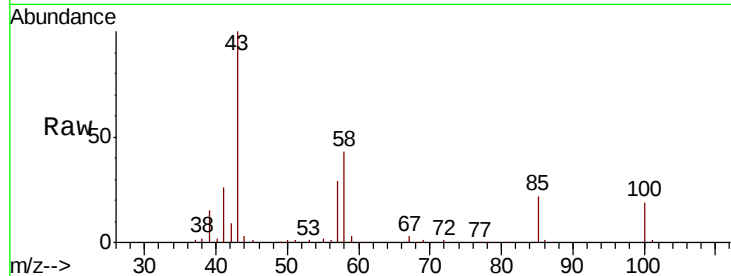
VSTDCCC050EC

Manual Integrations

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#52

Toluene

Concen: 49.047 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013258.D

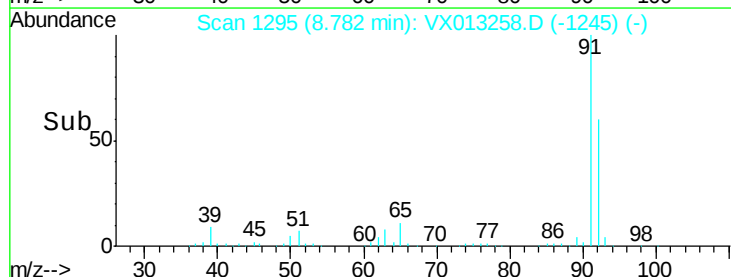
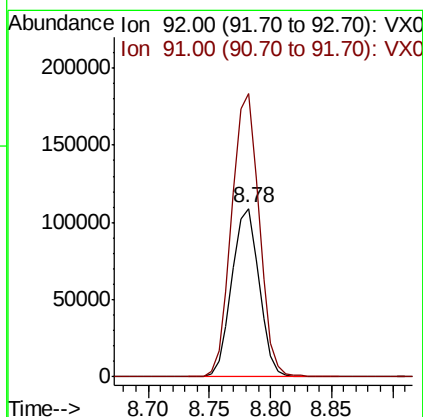
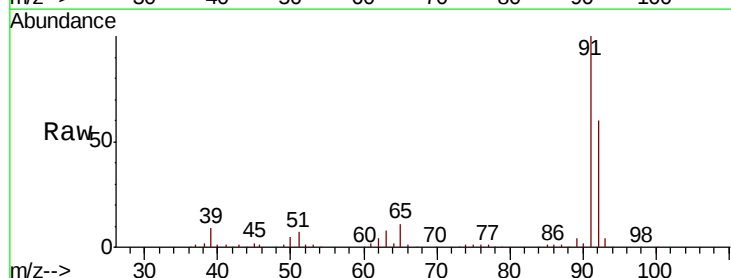
Acq: 28 Oct 2019 19:14

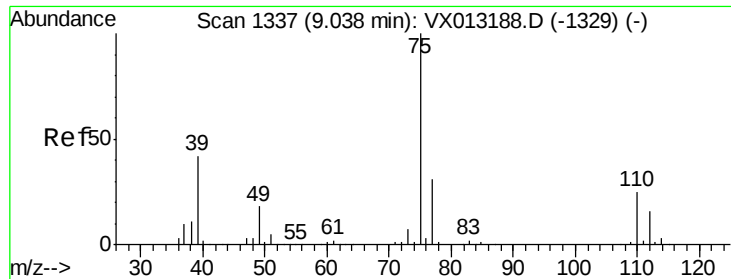
Tgt Ion: 92 Resp: 169609

Ion Ratio Lower Upper

92 100

91 168.5 133.9 200.9





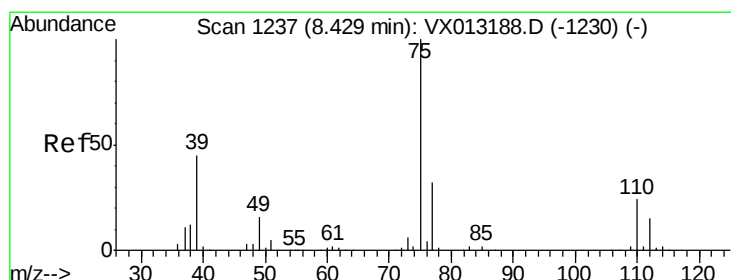
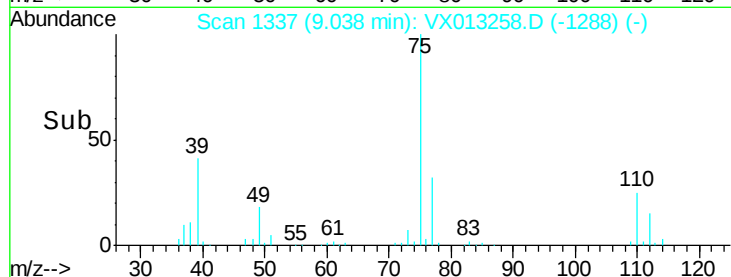
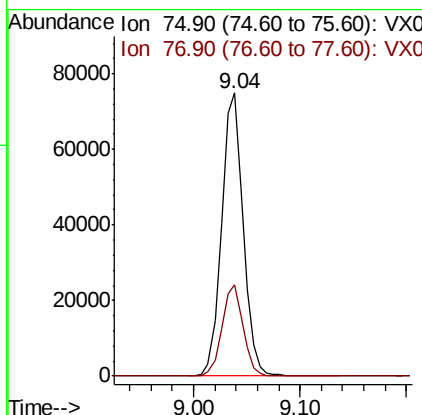
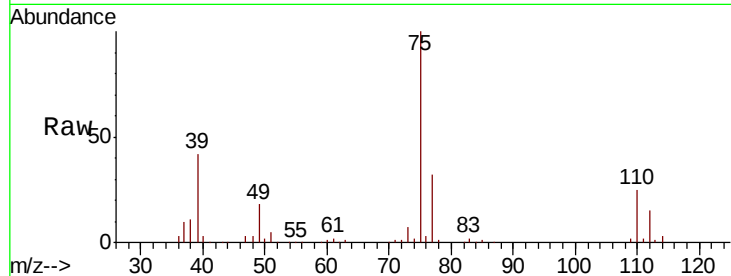
#53
 t-1,3-Dichloropropene
 Concen: 54.379 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 106039
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.7 37.1

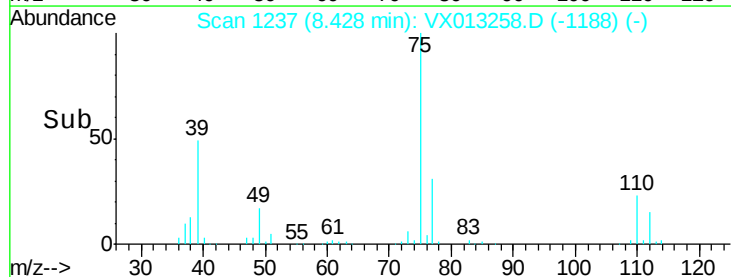
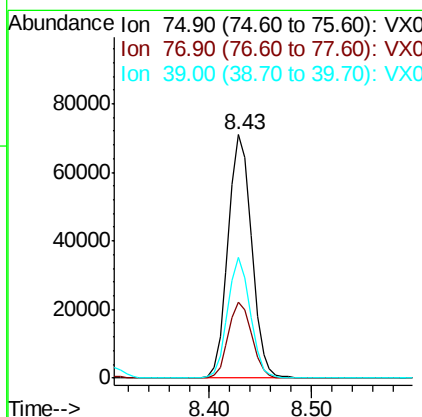
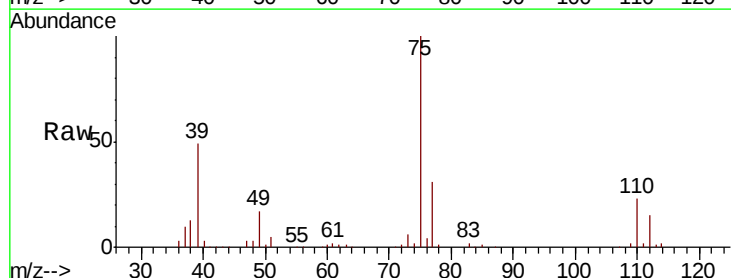
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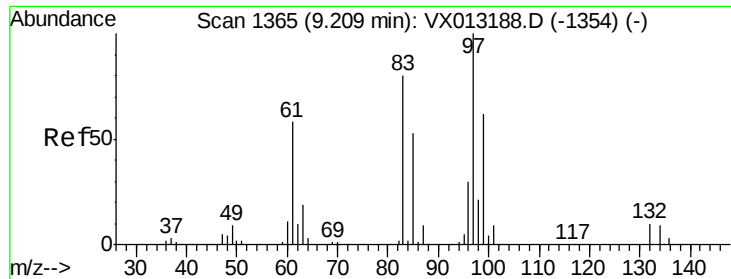
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 10/30/2019 12:07:56 PM



#54
 cis-1,3-Dichloropropene
 Concen: 53.037 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion: 75 Resp: 113138
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 49.3 36.2 54.4





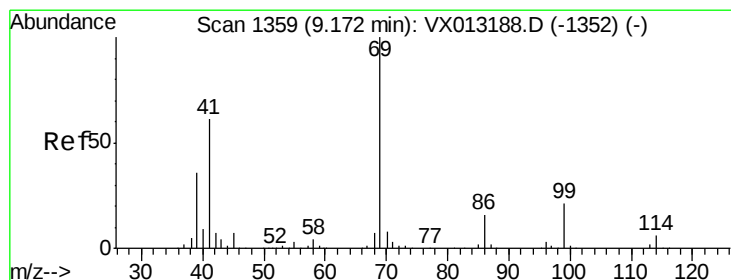
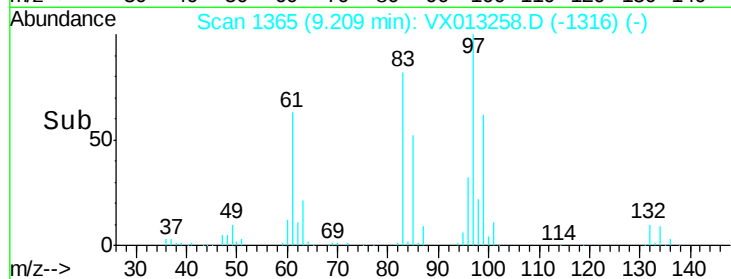
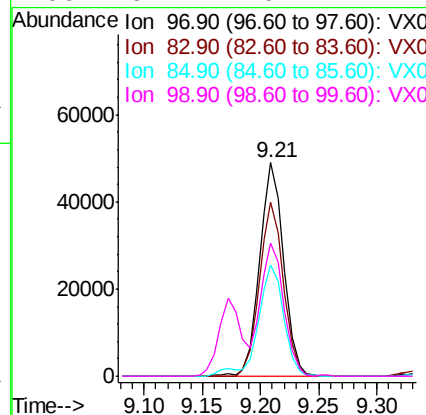
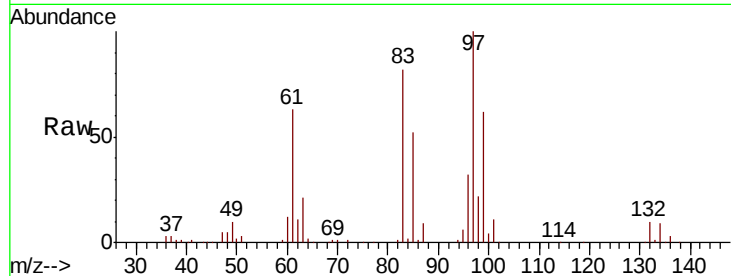
#55
 1,1,2-Trichloroethane
 Concen: 51.280 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		70110		
83	81.8	64.1	96.1		
85	52.1	42.1	63.1		
99	62.2	49.4	74.2		

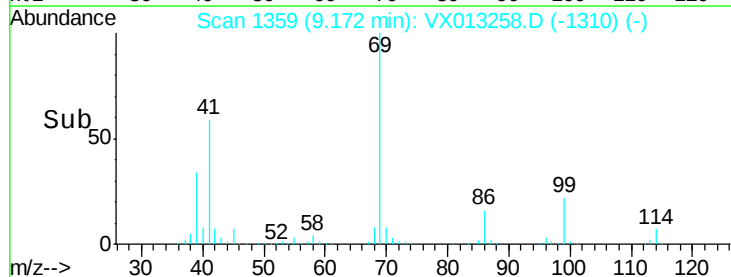
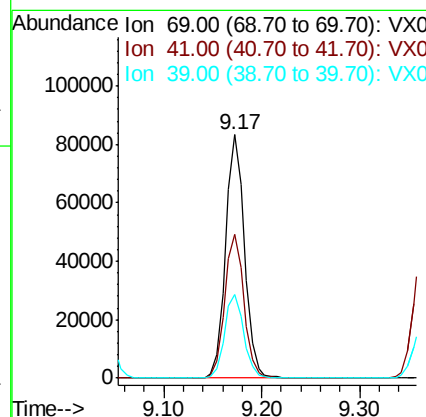
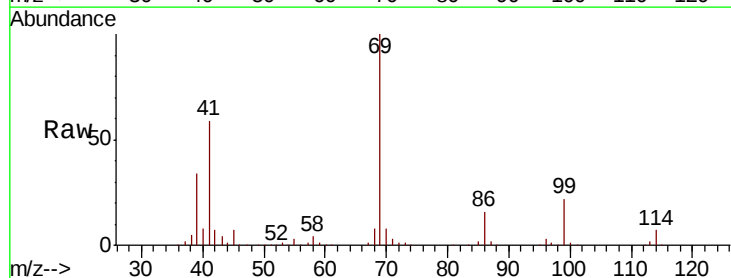
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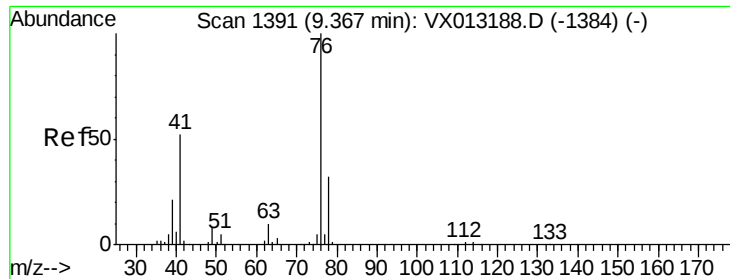
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#56
 Ethyl methacrylate
 Concen: 54.244 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		111618		
41	60.3	49.5	74.3		
39	35.6	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 50.345 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 116139

Ion Ratio Lower Upper

76 100

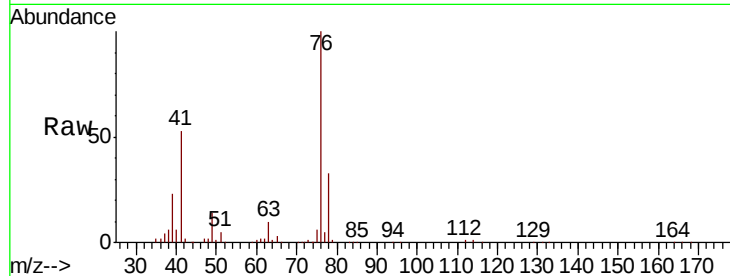
78 32.9 26.1 39.1

Manual Integrations

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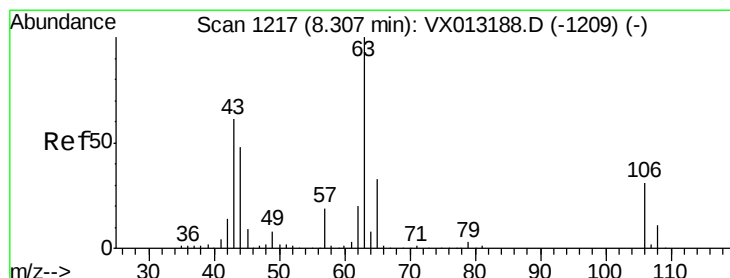
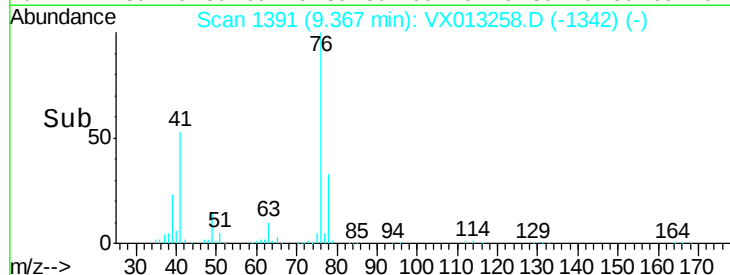
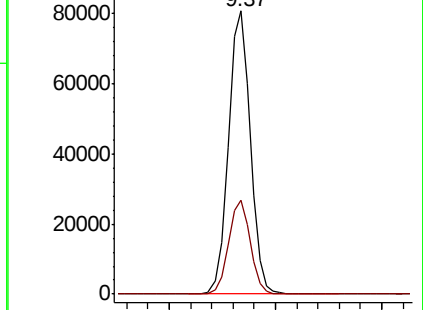
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 273.186 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013258.D

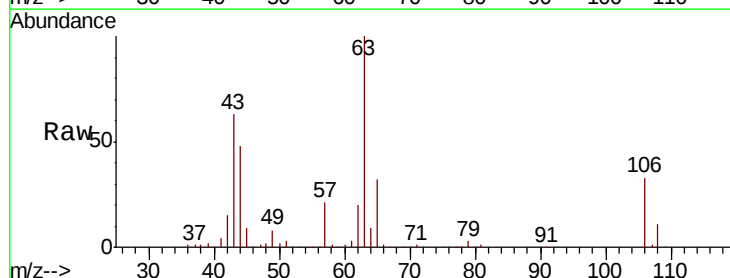
Acq: 28 Oct 2019 19:14

Tgt Ion: 63 Resp: 219345

Ion Ratio Lower Upper

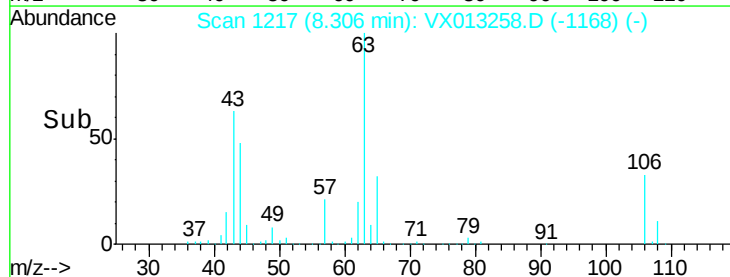
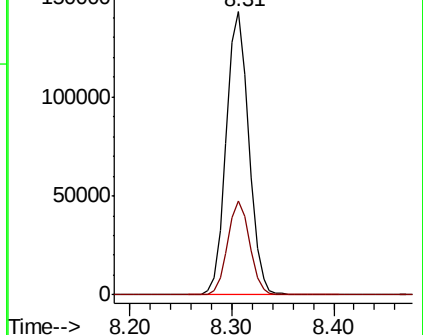
63 100

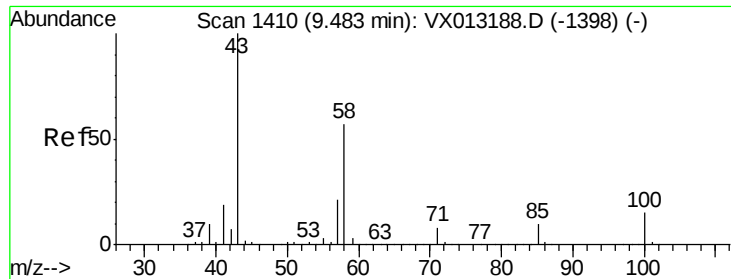
106 32.5 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





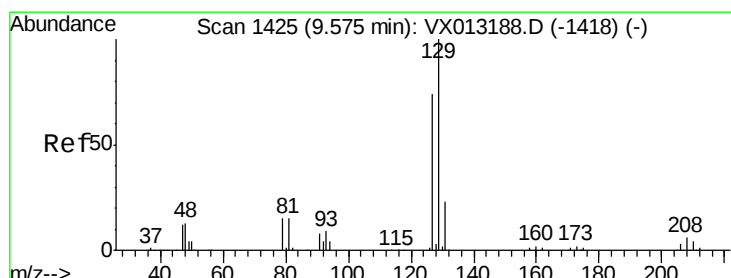
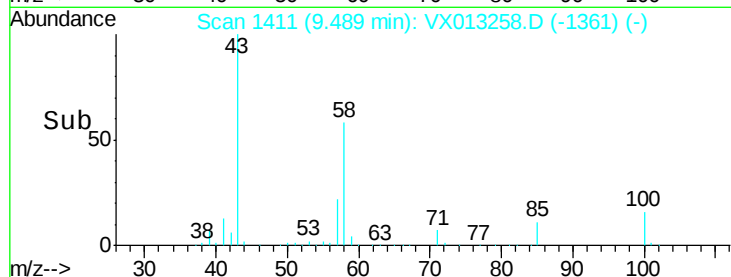
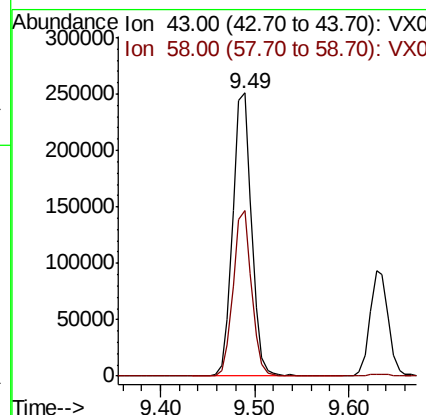
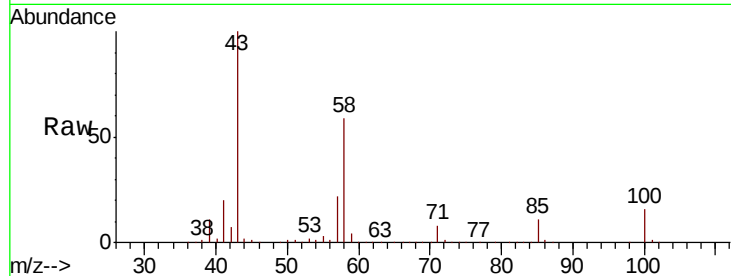
#59
2-Hexanone
Concen: 258.127 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 348348
Ion Ratio Lower Upper
43 100
58 57.3 28.2 84.7

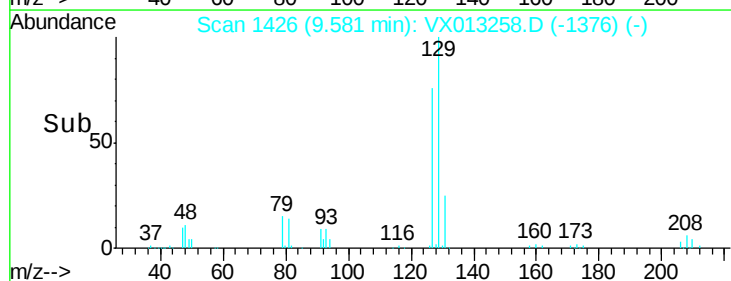
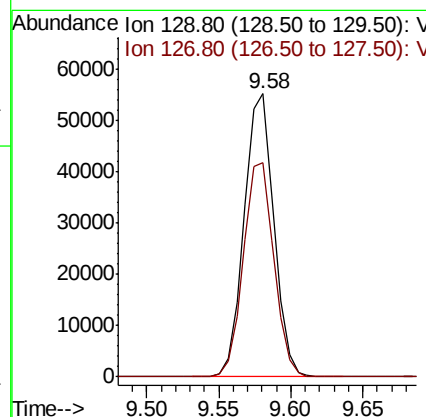
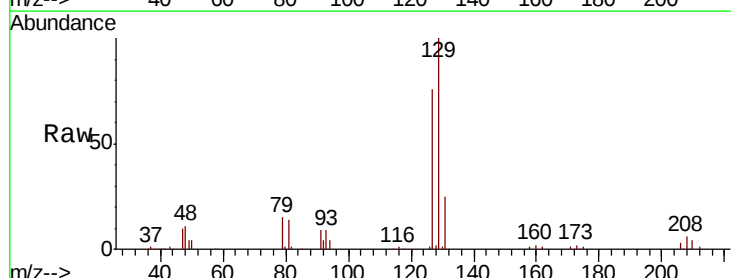
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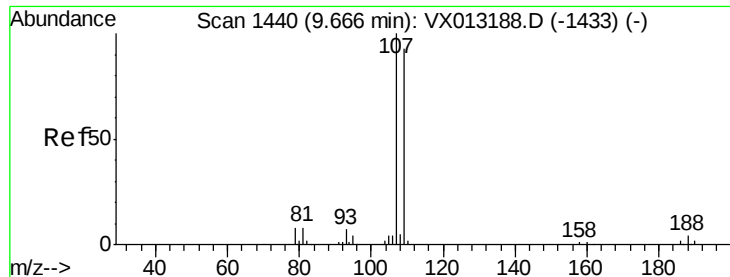
MMDadoda
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#60
Dibromochloromethane
Concen: 55.116 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion: 129 Resp: 78959
Ion Ratio Lower Upper
129 100
127 77.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 52.690 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 76476

Ion Ratio Lower Upper

107 100

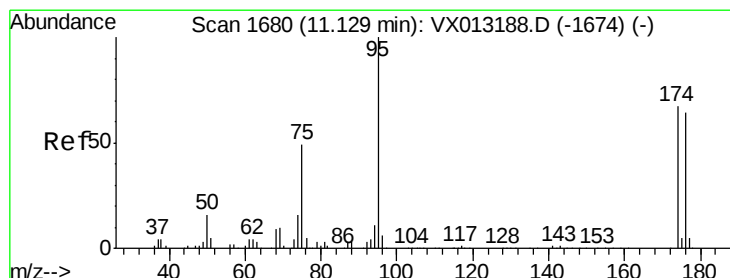
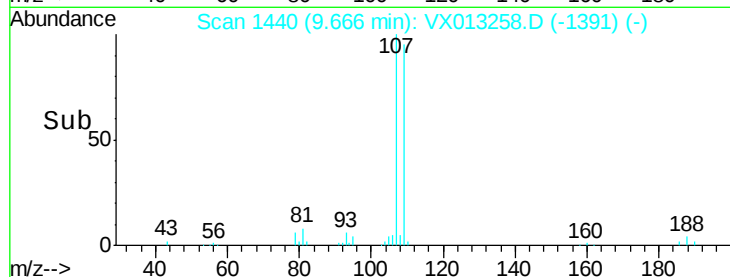
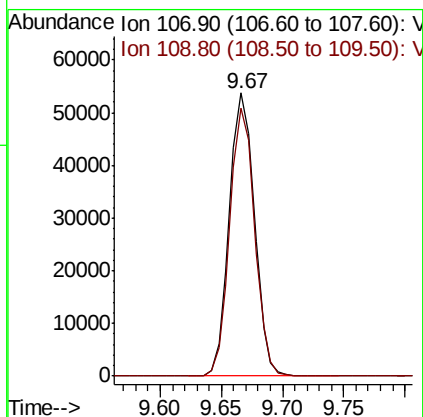
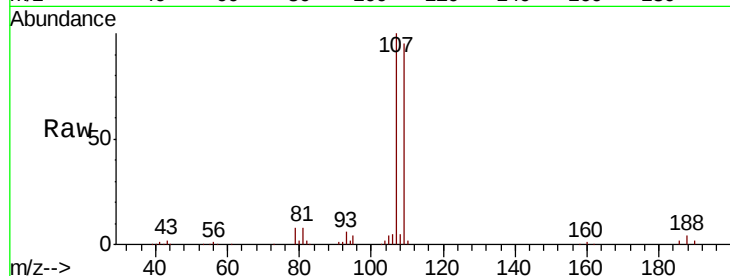
109 93.6 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 51.901 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

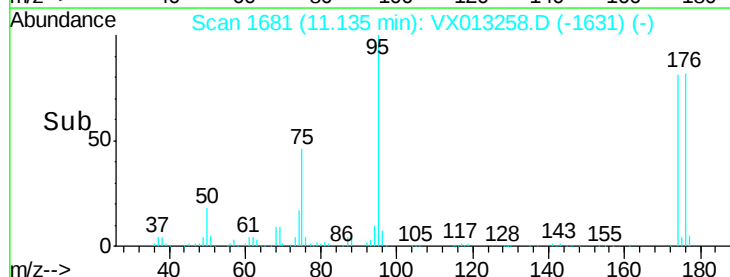
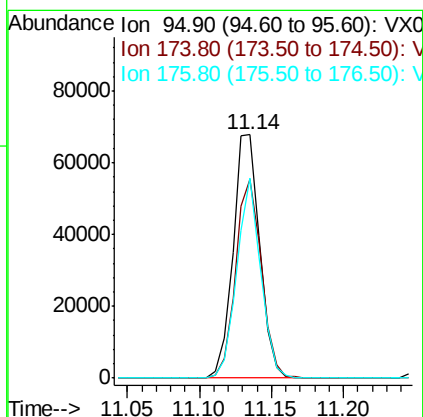
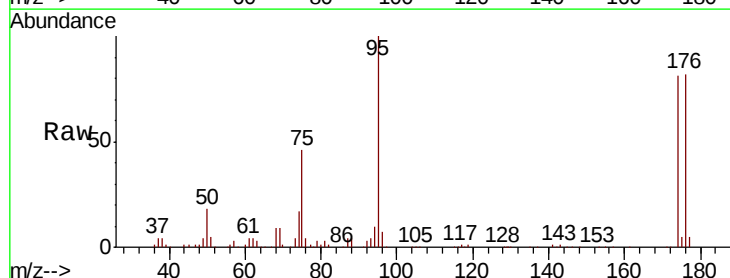
Tgt Ion: 95 Resp: 88193

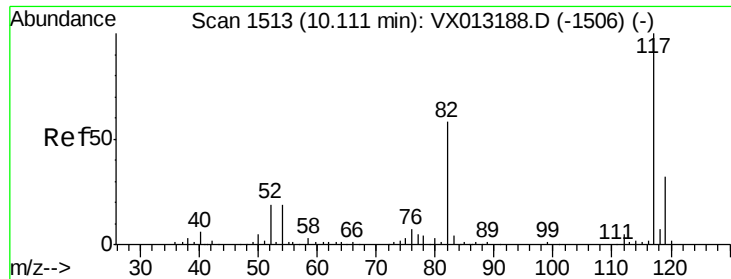
Ion Ratio Lower Upper

95 100

174 78.5 0.0 152.4

176 73.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

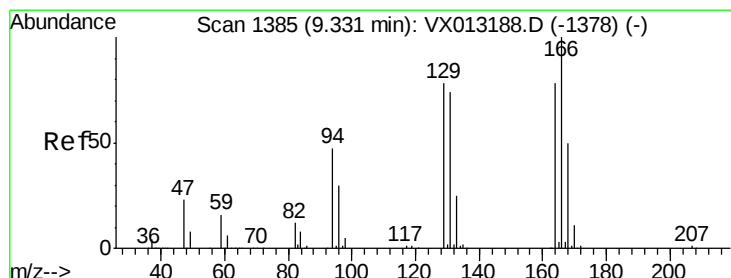
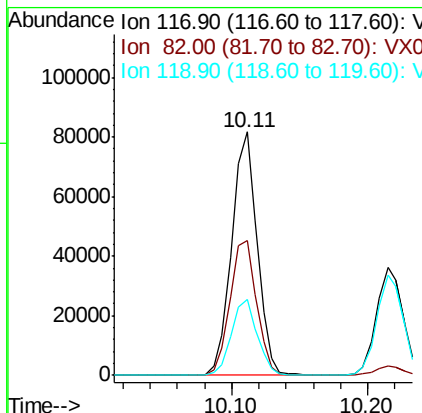
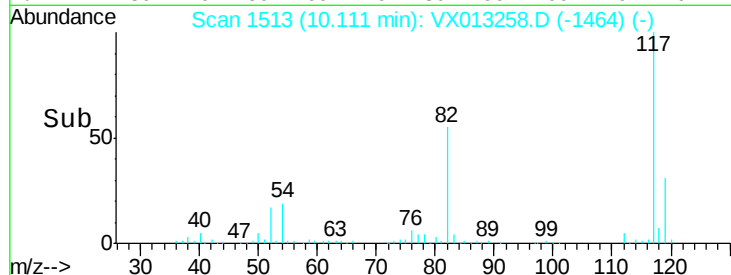
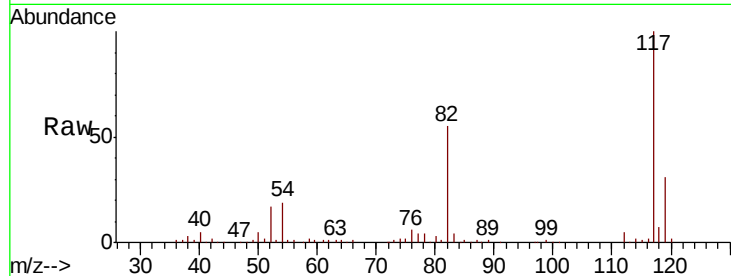
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	106568
Ion Ratio	Lower	Upper	
117	100		
82	55.3	46.5	69.7
119	31.2	25.2	37.8

Manual Integrations
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#64

Tetrachloroethene

Concen: 58.167 ug/l

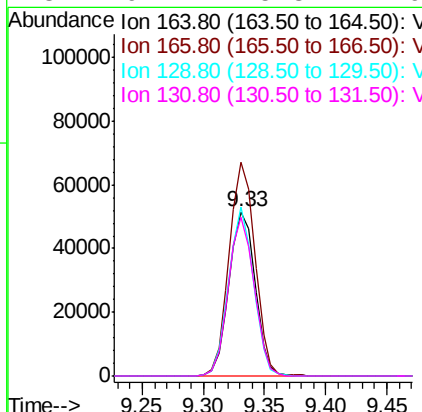
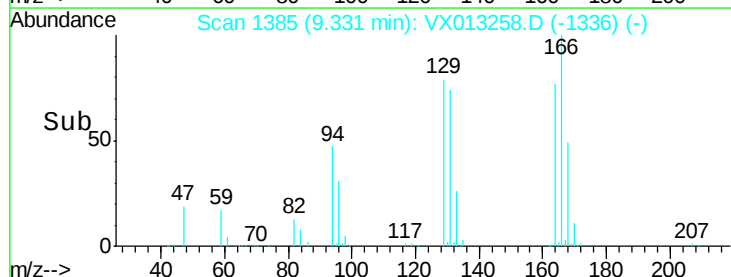
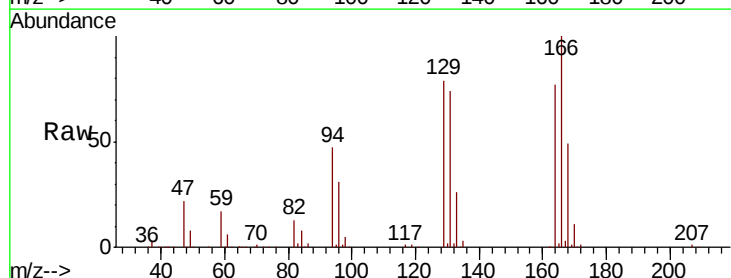
RT: 9.33 min Scan# 1385

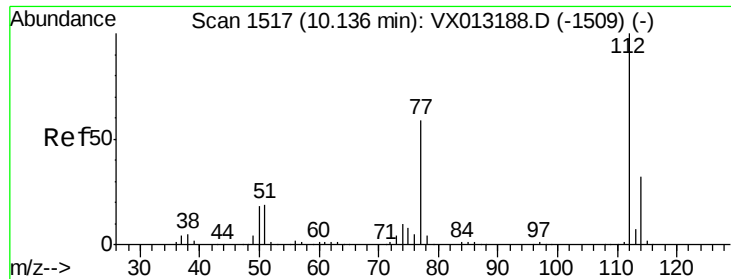
Delta R.T. 0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Tgt Ion:	164	Resp:	76070
Ion Ratio	Lower	Upper	
164	100		
166	130.4	102.2	153.4
129	103.3	79.8	119.8
131	97.1	75.3	112.9





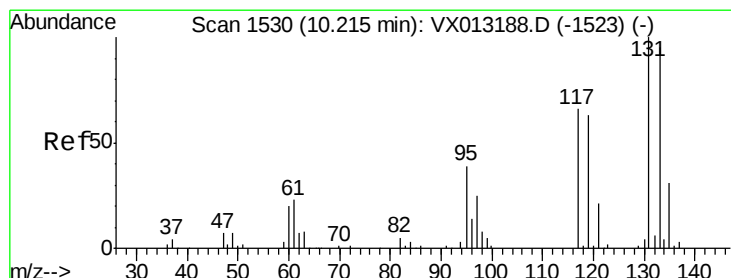
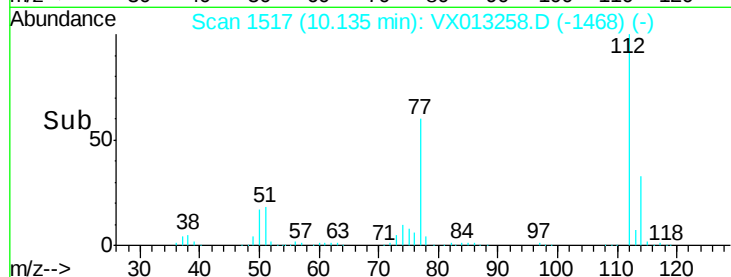
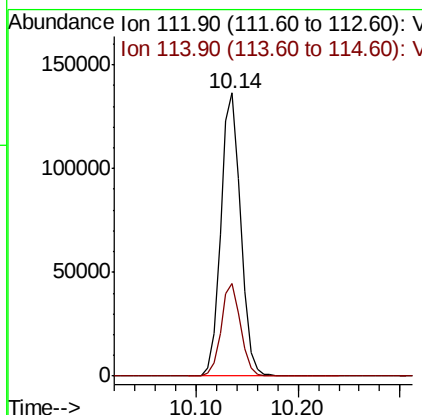
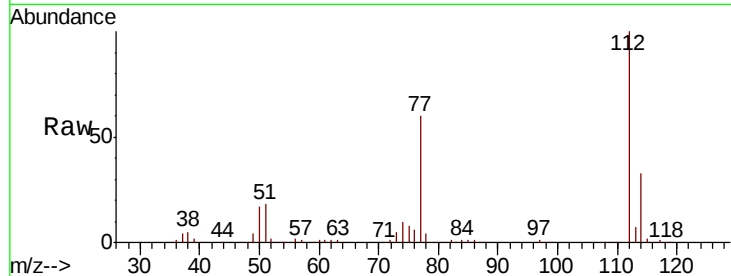
#65
Chlorobenzene
Concen: 49.740 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 185554
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8

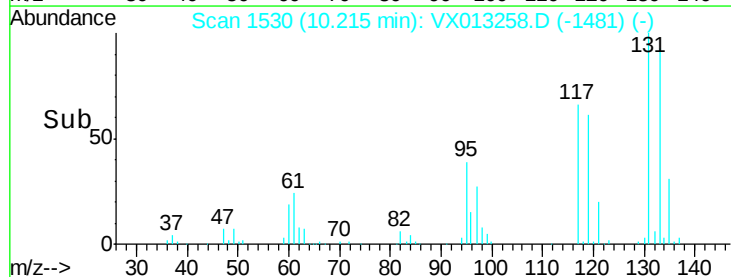
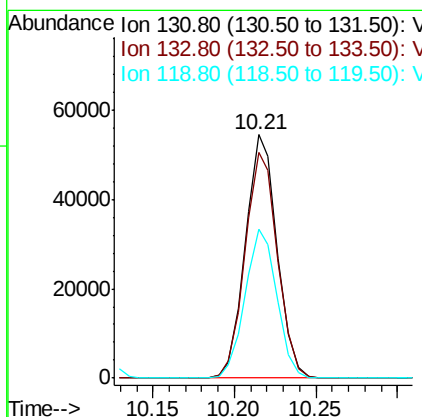
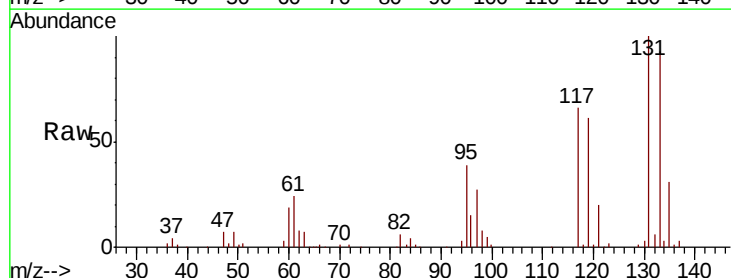
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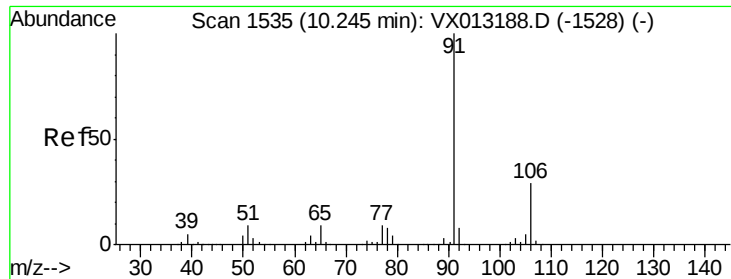
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.409 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion:131 Resp: 73602
Ion Ratio Lower Upper
131 100
133 94.9 48.4 145.2
119 61.5 32.4 97.0





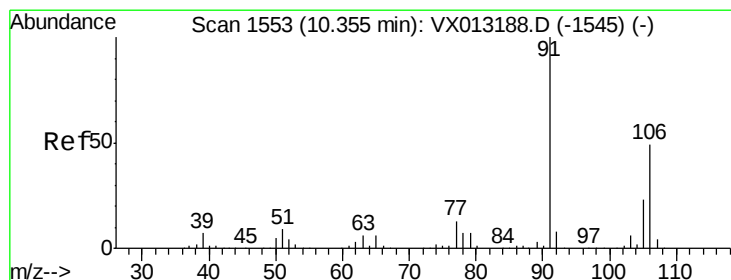
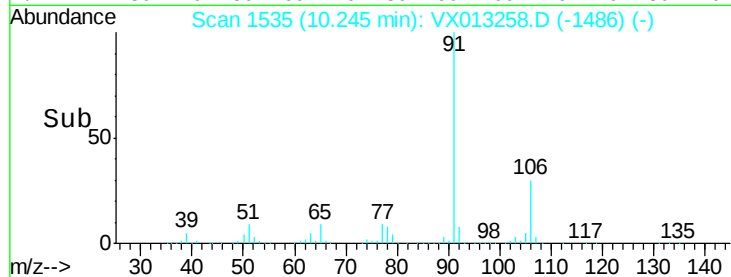
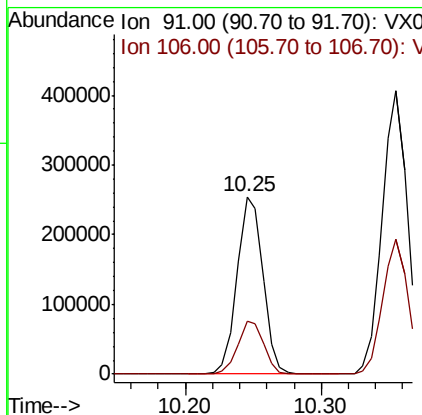
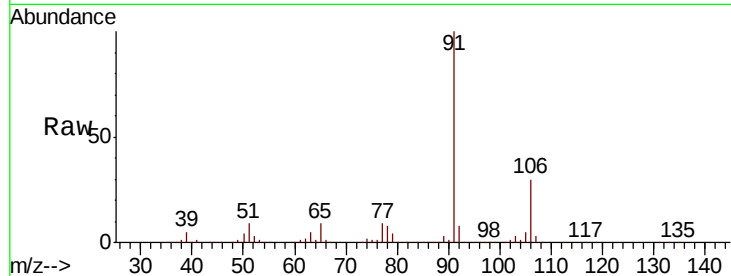
#67
Ethyl Benzene
Concen: 50.496 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 337234
Ion Ratio Lower Upper
91 100
106 29.7 23.5 35.3

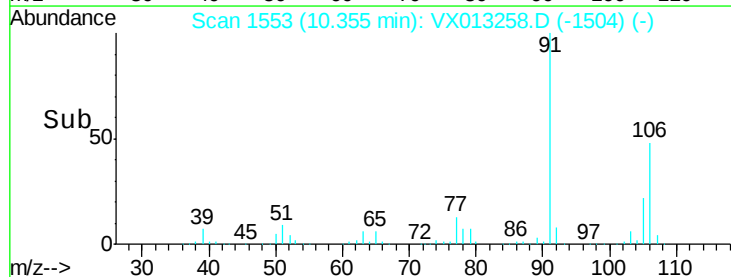
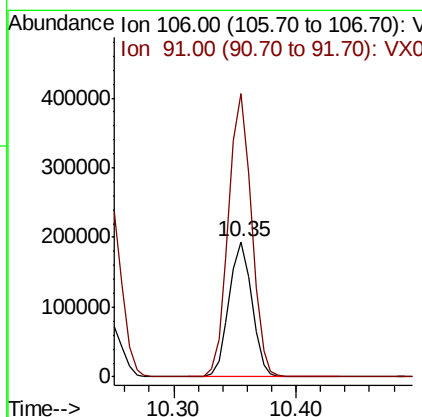
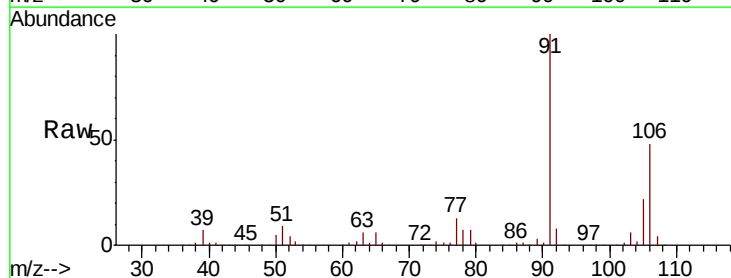
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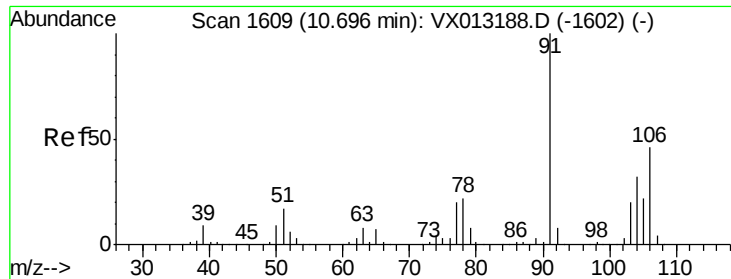
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#68
m/p-Xylenes
Concen: 99.934 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion: 106 Resp: 252222
Ion Ratio Lower Upper
106 100
91 210.9 166.8 250.2





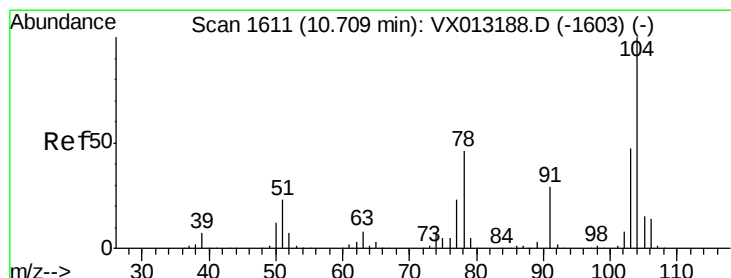
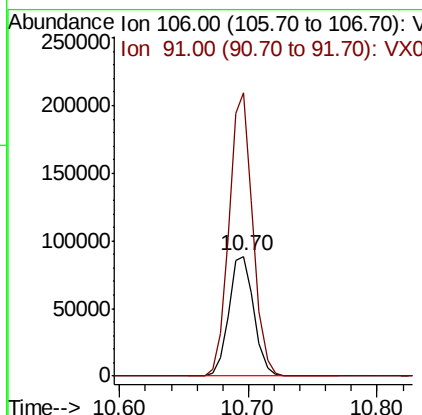
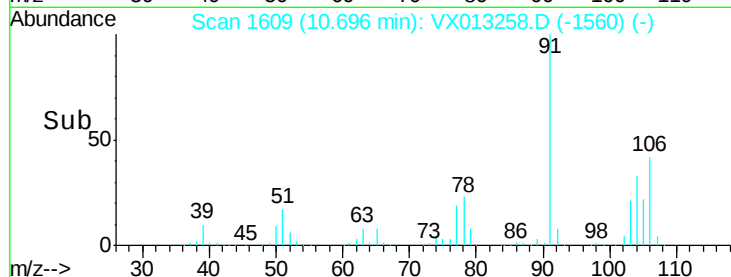
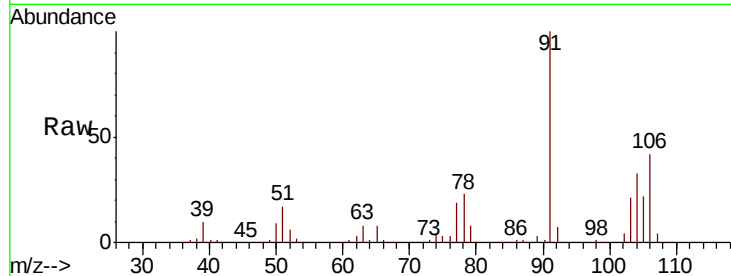
#69
o-Xylene
Concen: 49.525 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 119906
Ion Ratio Lower Upper
106 100
91 225.0 110.7 331.9

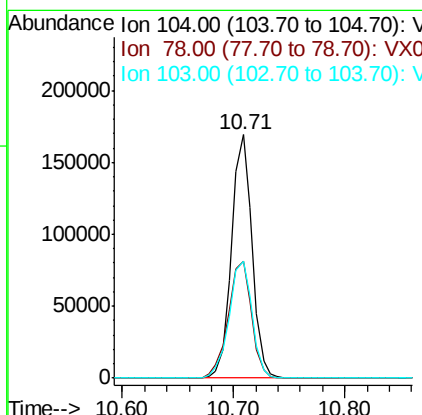
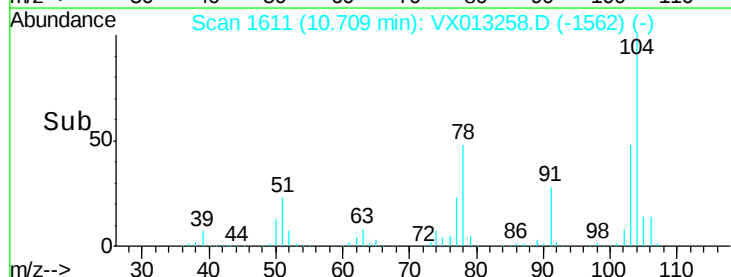
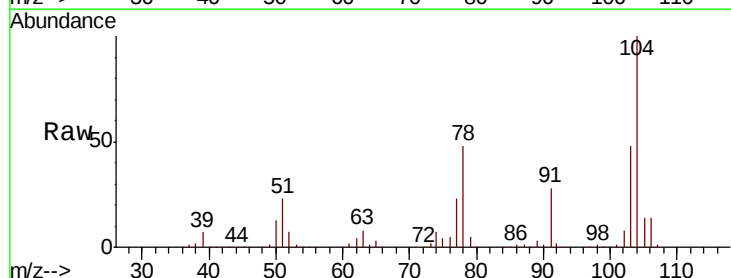
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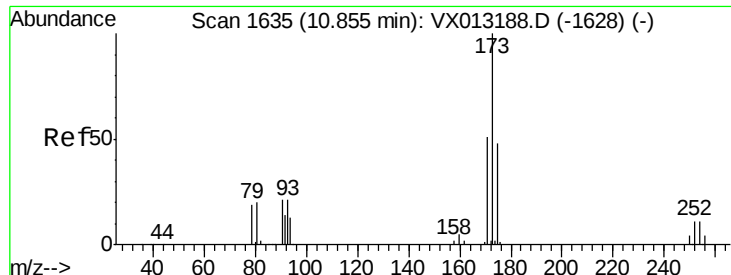
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#70
Styrene
Concen: 51.745 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion:104 Resp: 215724
Ion Ratio Lower Upper
104 100
78 54.4 42.2 63.4
103 53.9 42.8 64.2





#71

Bromoform

Concen: 56.620 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 57013

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

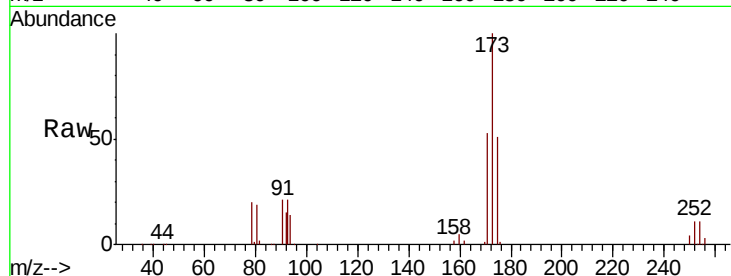
254 0.1 0.1 0.1#

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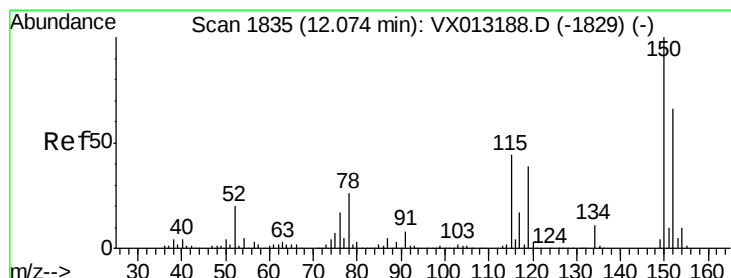
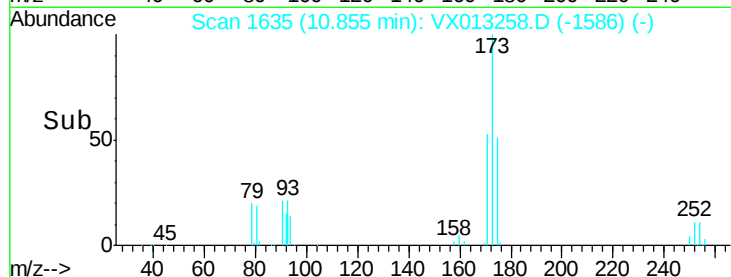
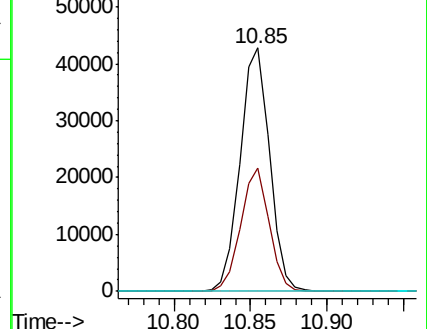
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

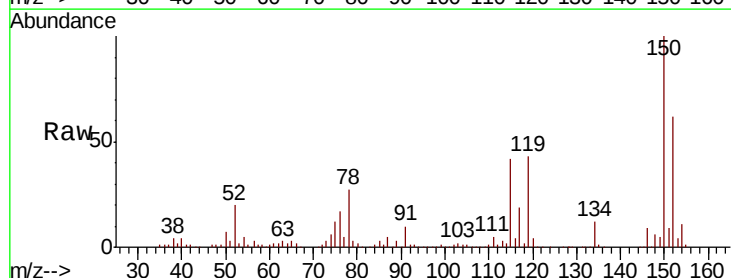
Tgt Ion:152 Resp: 76737

Ion Ratio Lower Upper

152 100

115 92.7 46.6 139.8

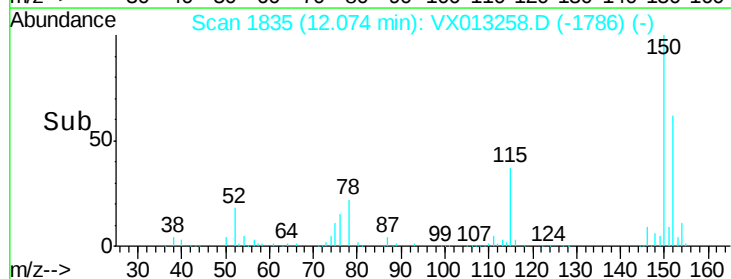
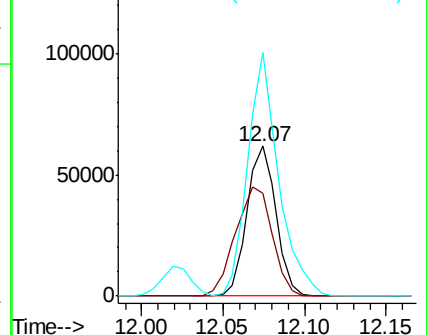
150 173.9 0.0 354.0

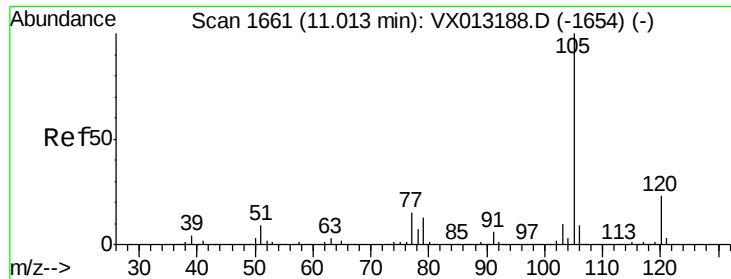


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.709 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 339424

Ion Ratio Lower Upper

105 100

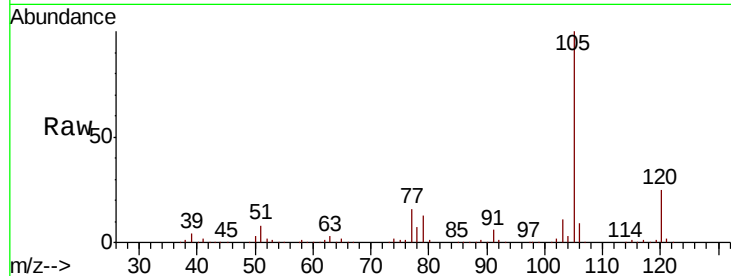
120 25.2 12.6 37.8

Manual Integrations

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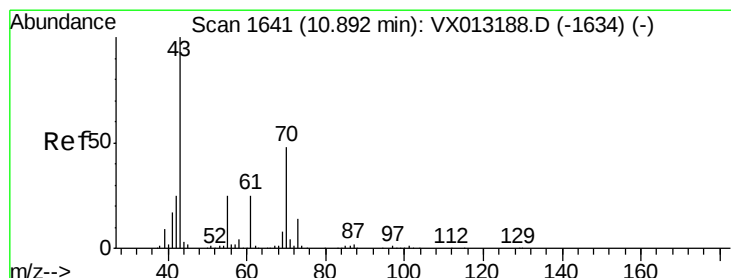
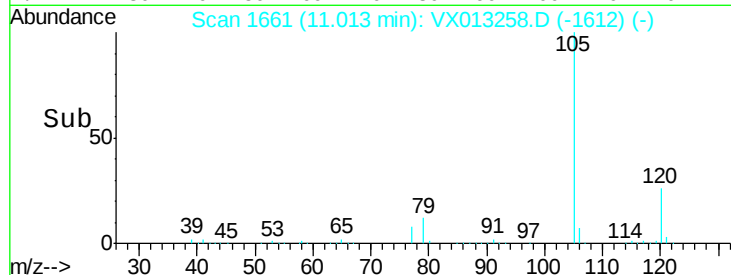
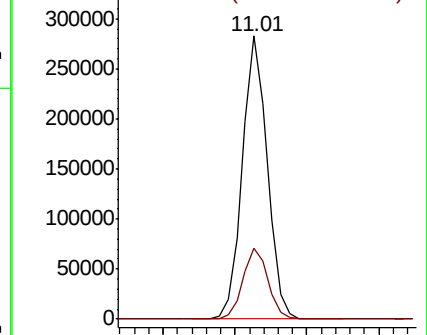
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.575 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Tgt Ion: 43 Resp: 129351

Ion Ratio Lower Upper

43 100

70 48.1 38.5 57.7

55 27.2 20.7 31.1

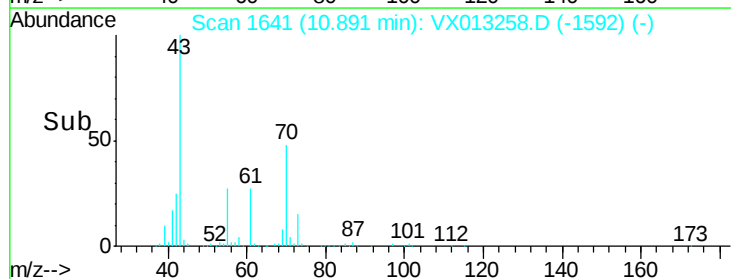
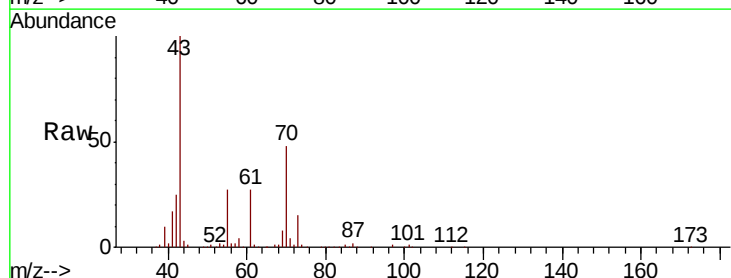
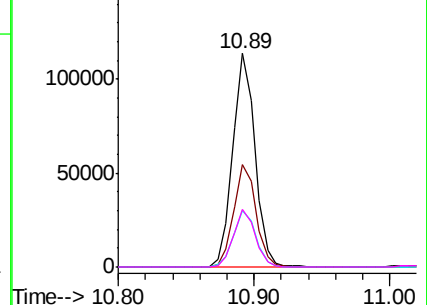
61 26.5 20.8 31.2

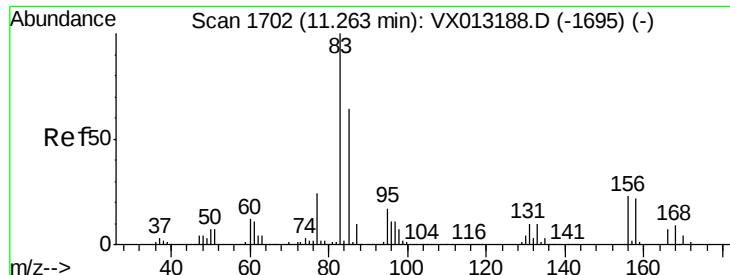
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.197 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

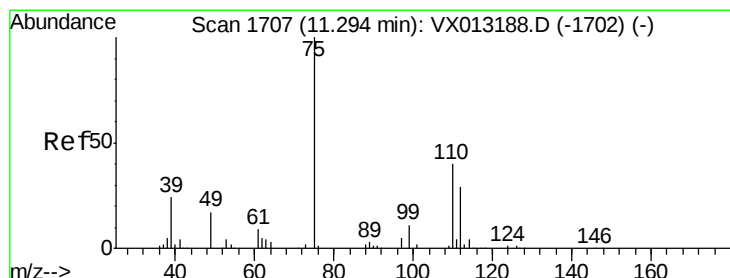
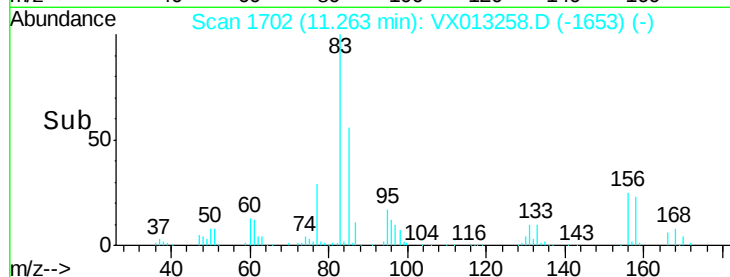
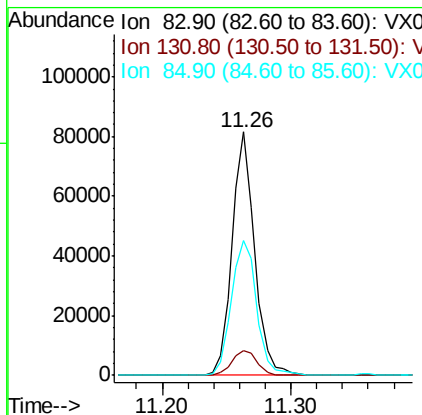
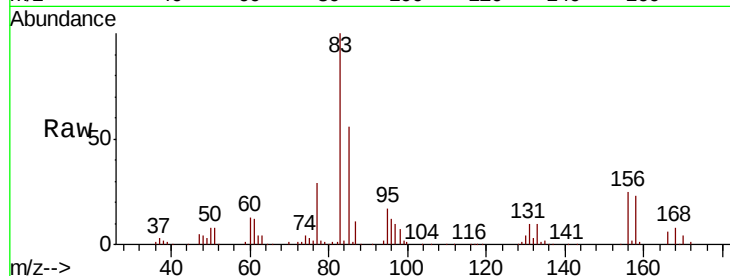
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	99864
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.3	16.1
85	62.7	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.602 ug/l m

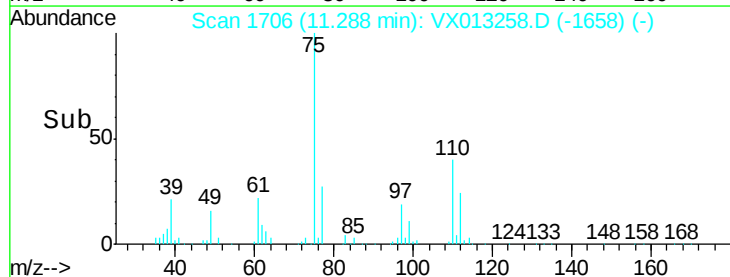
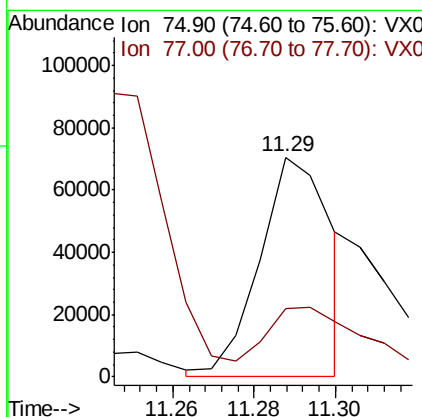
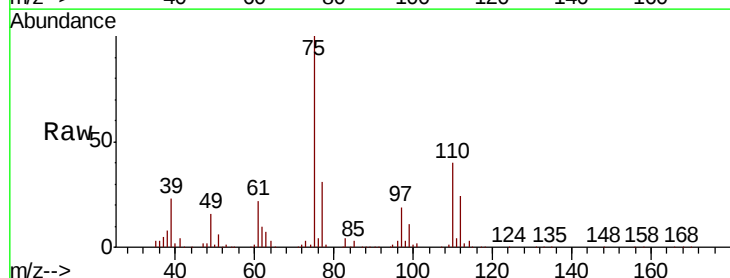
RT: 11.29 min Scan# 1706

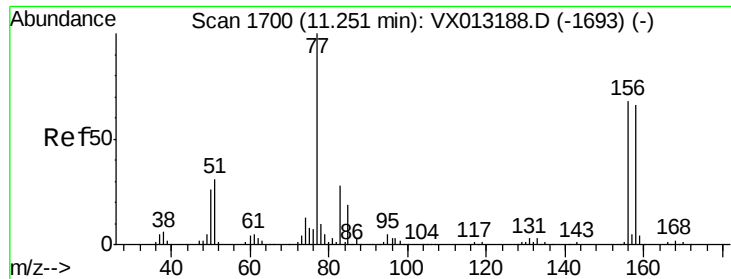
Delta R.T. -0.01 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Tgt Ion:	75	Resp:	86190
Ion Ratio	Lower	Upper	
75	100		
77	44.6	19.1	57.5





#77

Bromobenzene

Concen: 49.981 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 83475

Ion Ratio Lower Upper

156 100

77 148.1 81.7 245.1

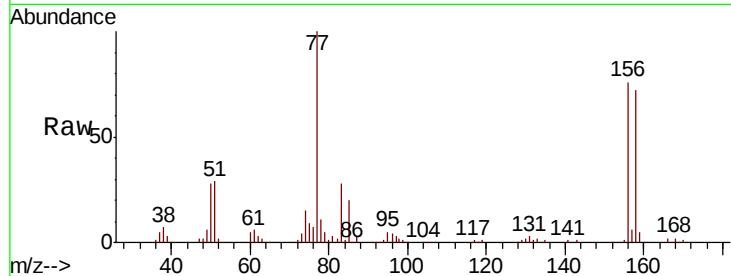
158 92.2 49.6 148.8

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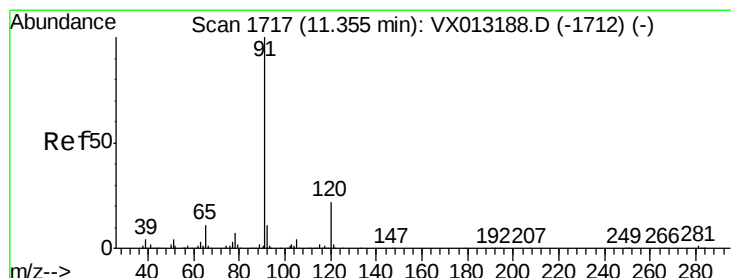
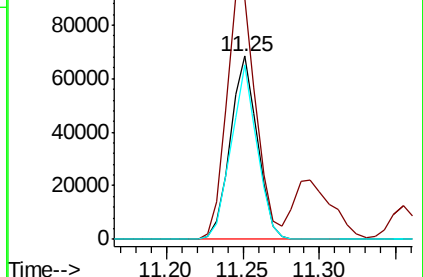
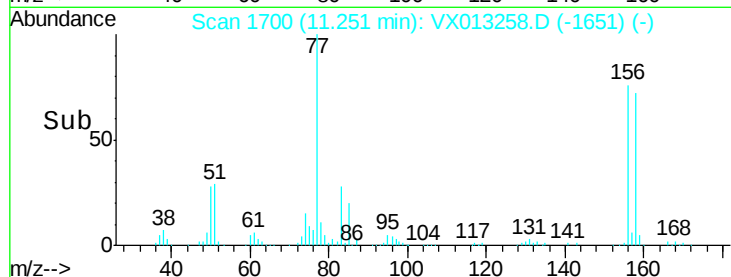
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.489 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013258.D

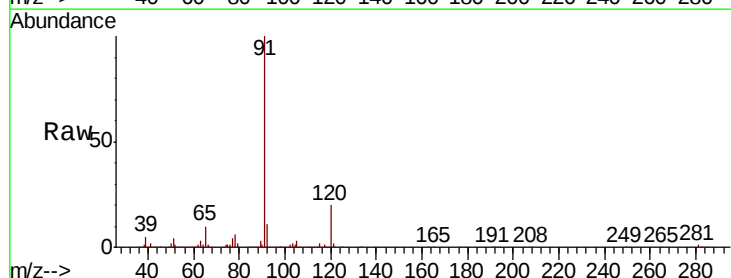
Acq: 28 Oct 2019 19:14

Tgt Ion: 91 Resp: 359462

Ion Ratio Lower Upper

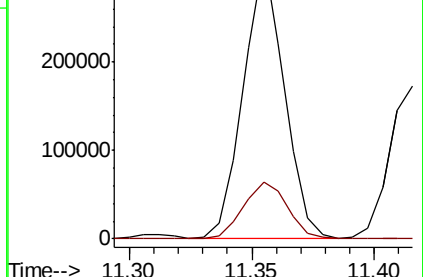
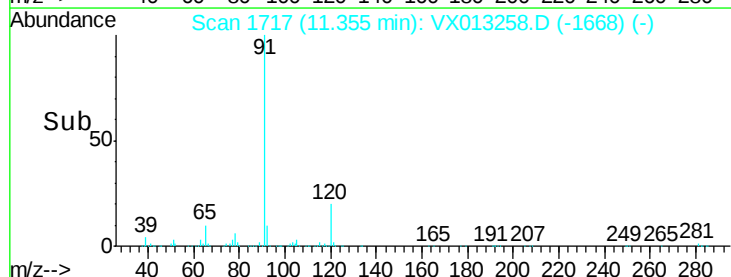
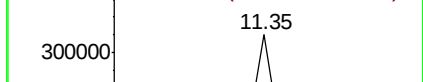
91 100

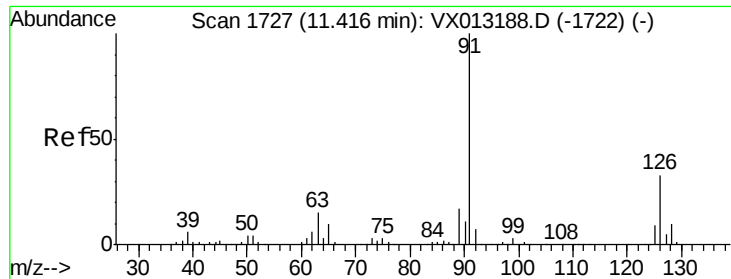
120 22.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





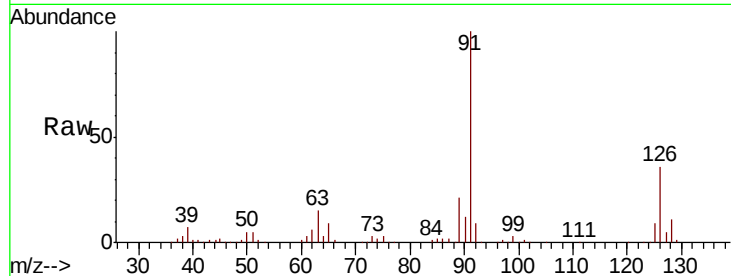
#79
2-Chlorotoluene
Concen: 46.181 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

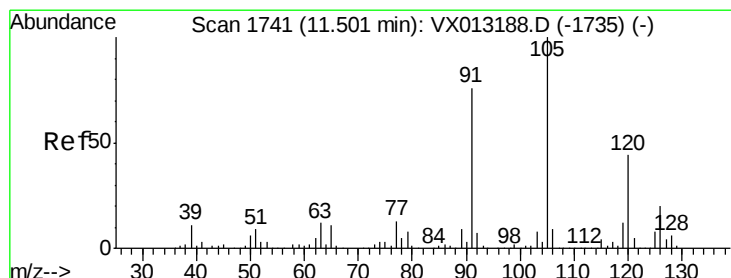
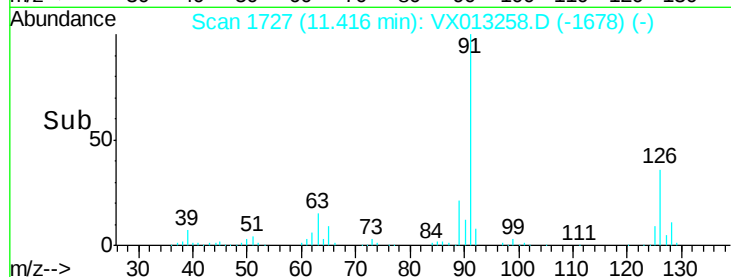
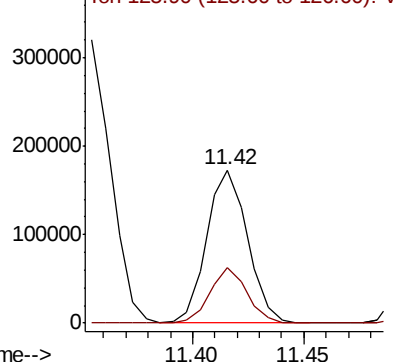
Tot Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.3	48.8

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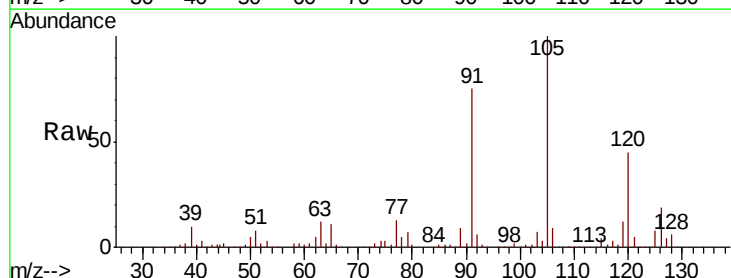


Abundance Ion 91.00 (90.70 to 91.70): VX013188.D (-1722) (-)

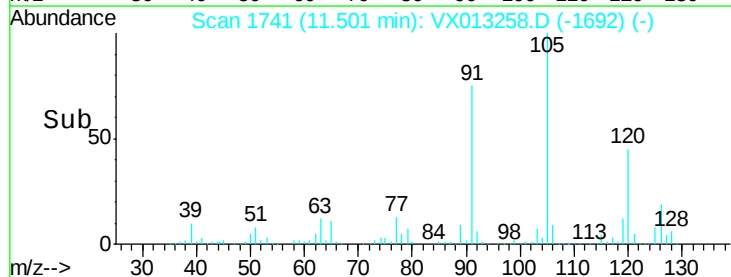
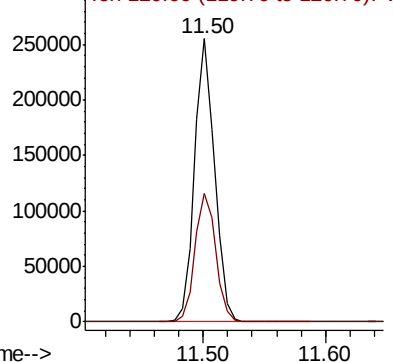


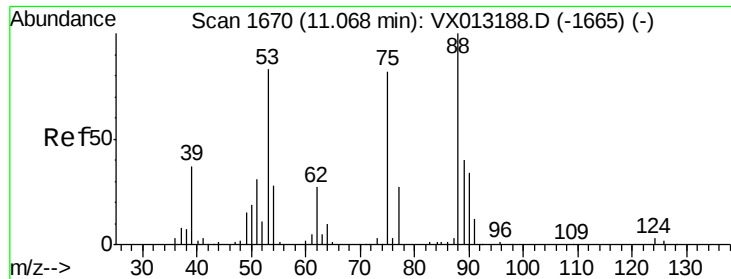
#80
1,3,5-Trimethylbenzene
Concen: 49.915 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.0



Abundance Ion 105.00 (104.70 to 105.70): VX013188.D (-1735) (-)





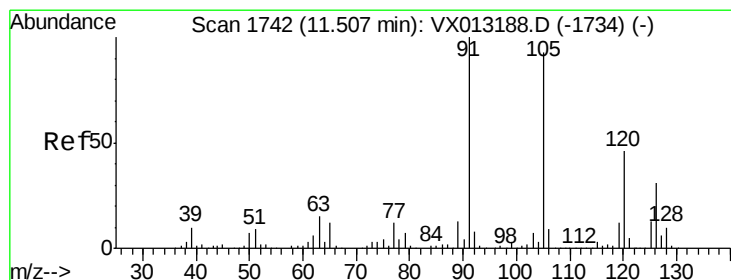
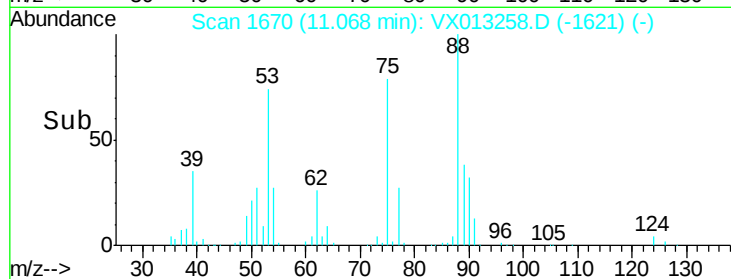
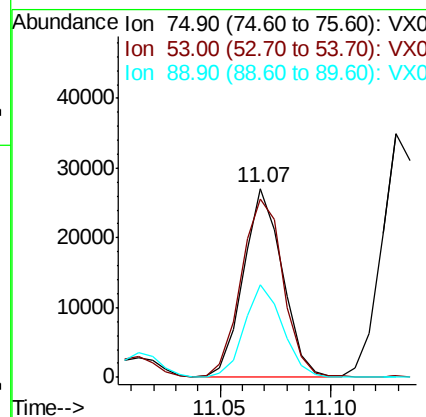
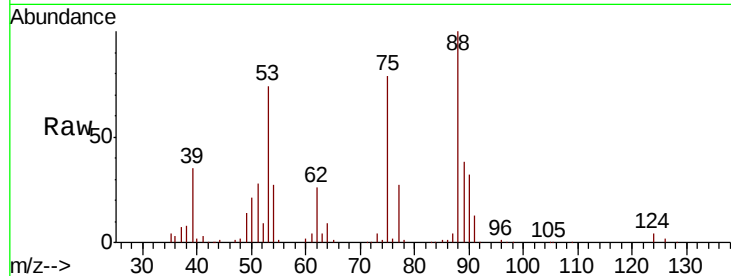
#81
trans-1,4-Dichloro-2-butene
Concen: 49.457 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.3	77.9	116.9
89	48.0	37.3	55.9

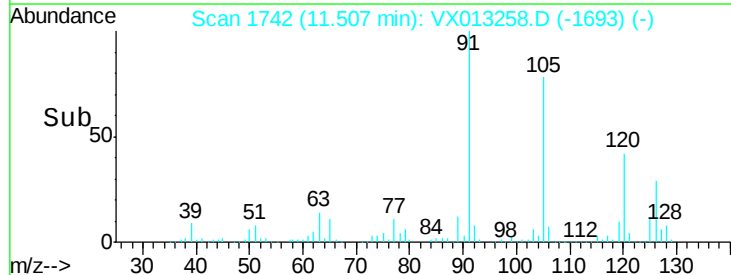
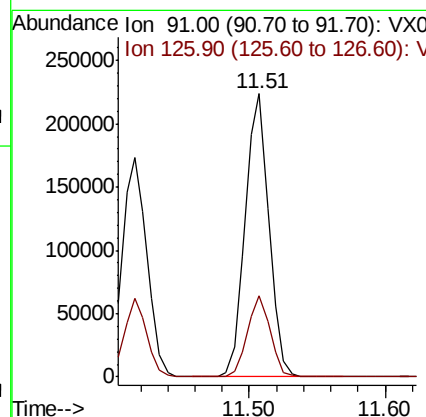
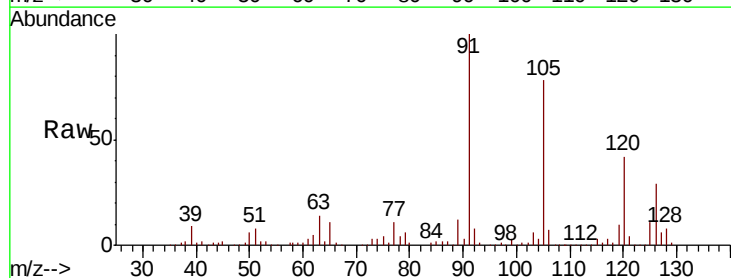
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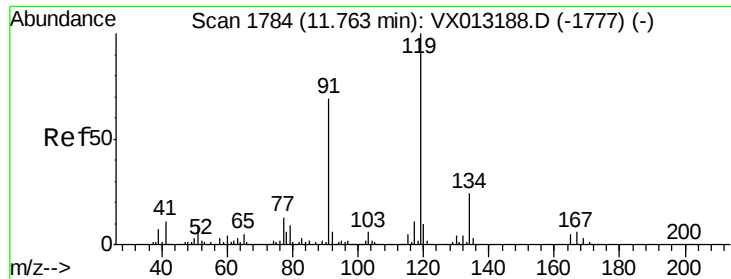
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#82
4-Chlorotoluene
Concen: 50.286 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.6	14.6	44.0





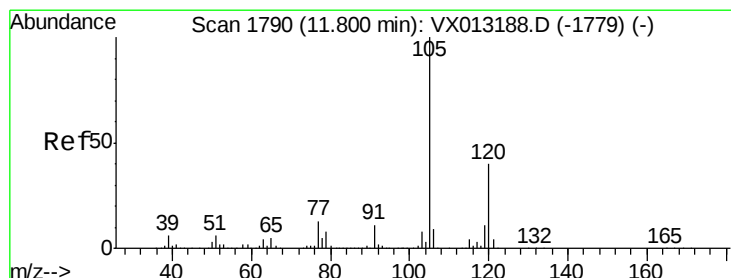
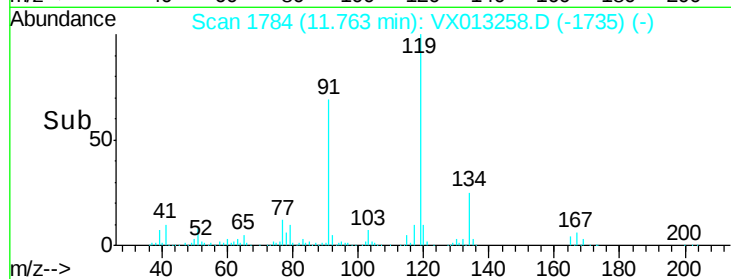
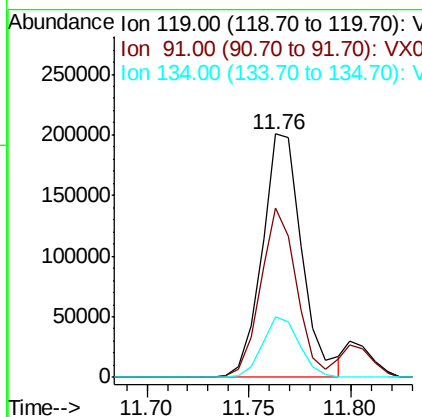
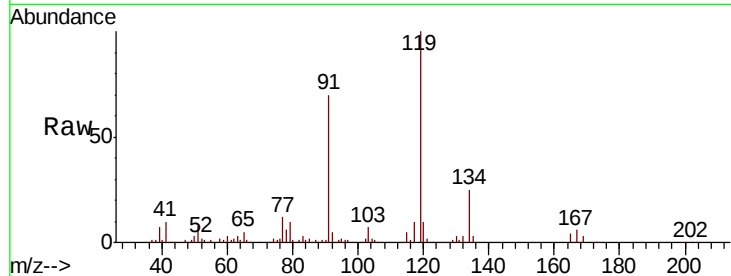
#83
tert-Butylbenzene
Concen: 47.570 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.0	30.8	92.4
134	23.0	11.5	34.5

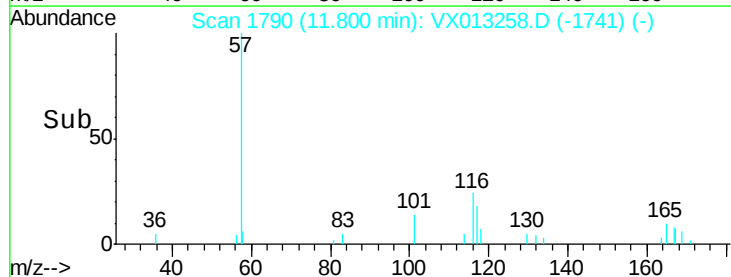
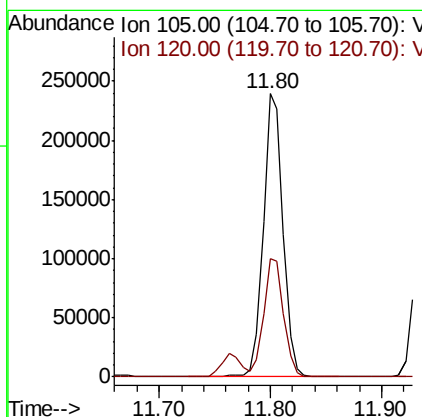
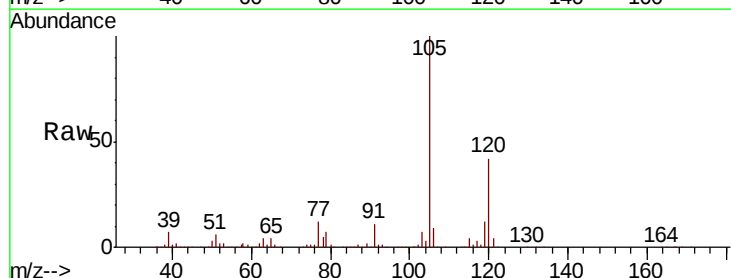
Manual Integrations
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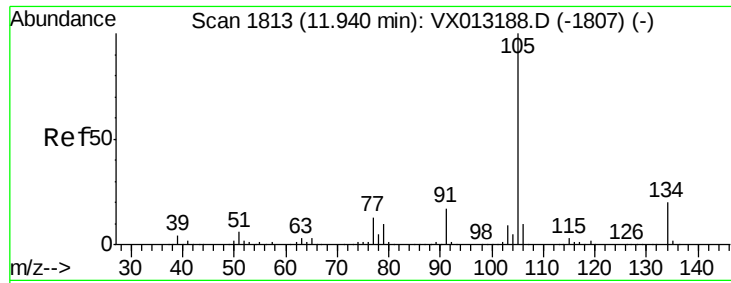
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#84
1,2,4-Trimethylbenzene
Concen: 50.710 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.3	21.4	64.3





#85

sec-Butylbenzene

Concen: 49.772 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 324575

Ion Ratio Lower Upper

105 100

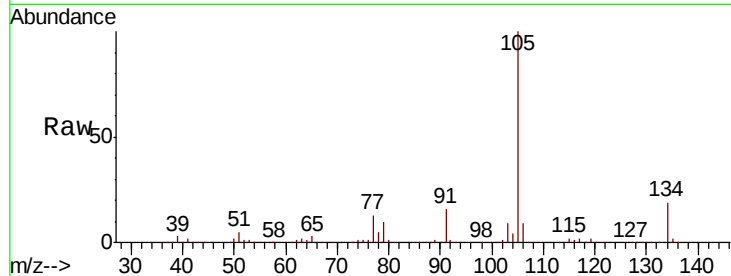
134 19.4 9.9 29.7

Manual Integrations

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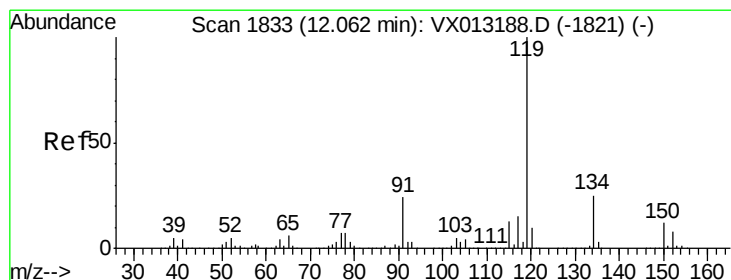
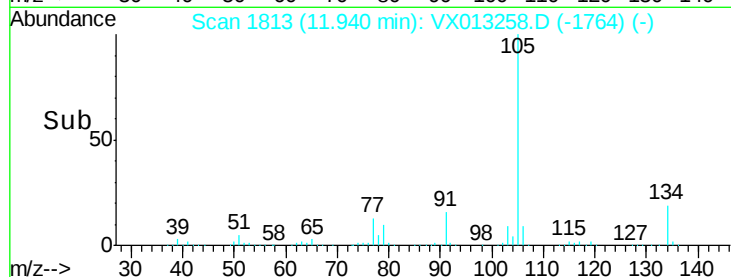
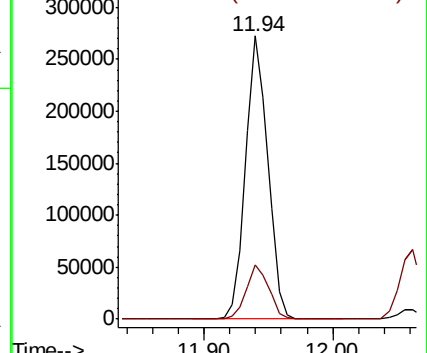
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.604 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

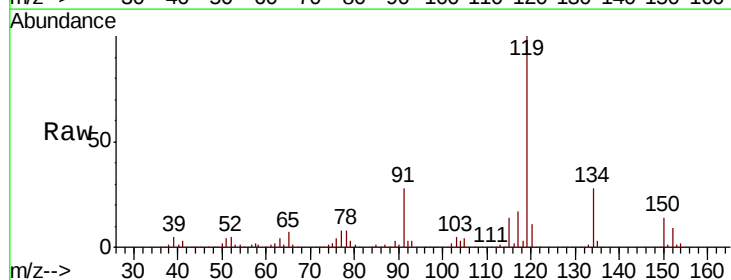
Tgt Ion:119 Resp: 303899

Ion Ratio Lower Upper

119 100

134 25.6 12.5 37.5

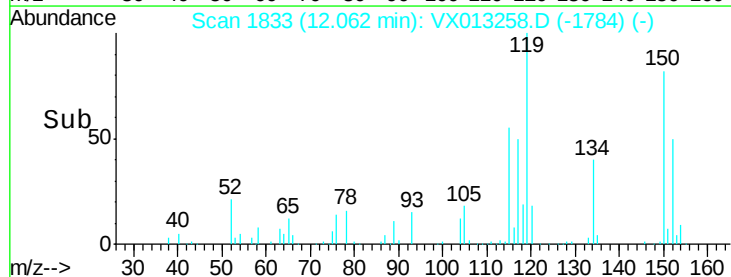
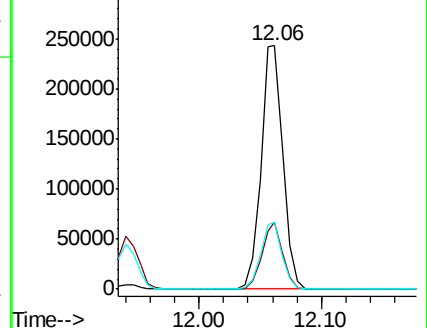
91 26.7 12.4 37.2

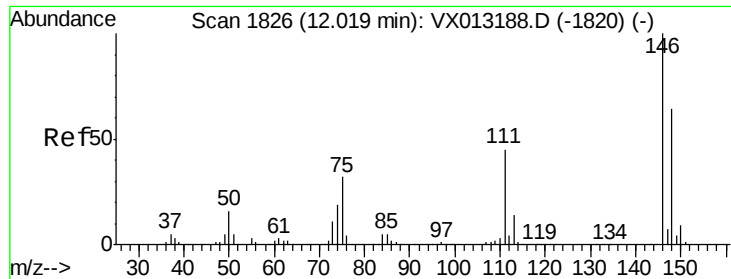


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





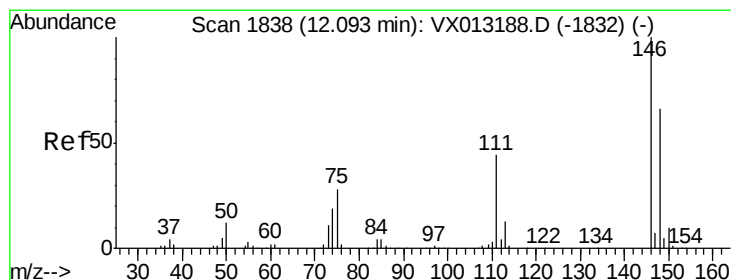
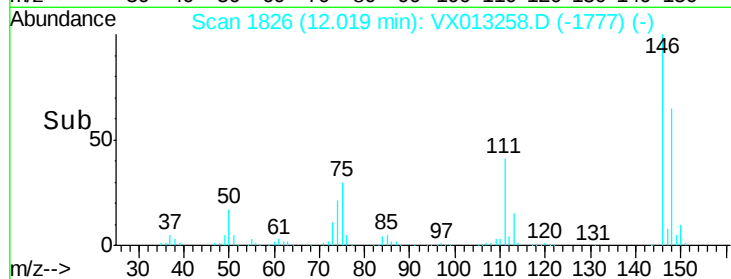
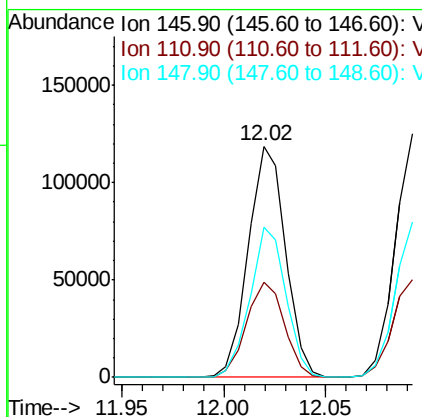
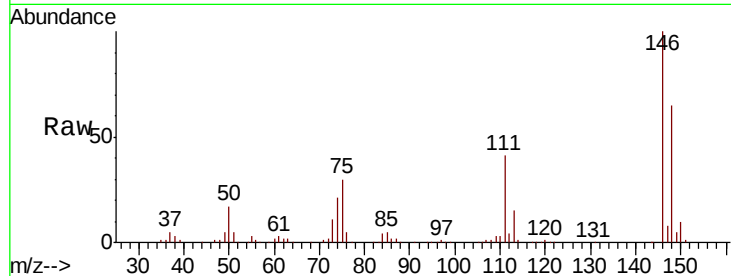
#87
 1,3-Dichlorobenzene
 Concen: 49.965 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.3	63.9
148	63.2	31.6	94.8

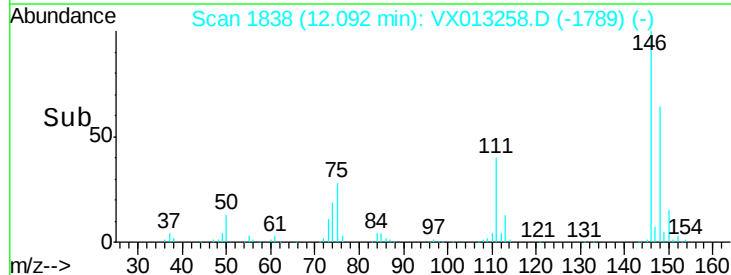
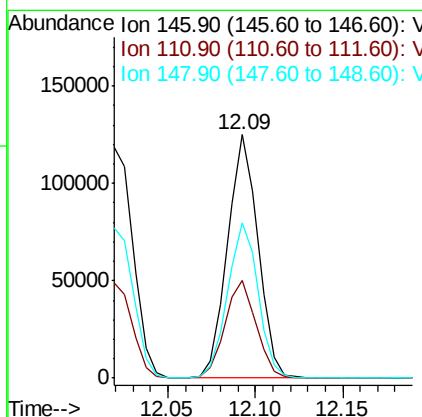
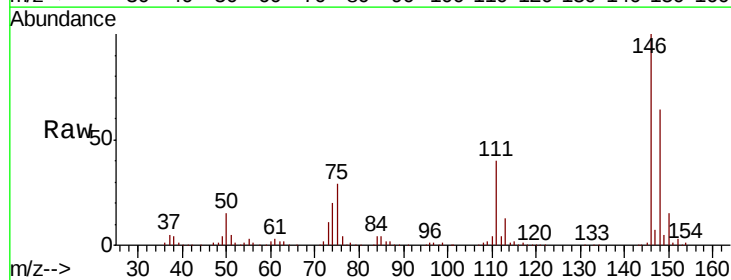
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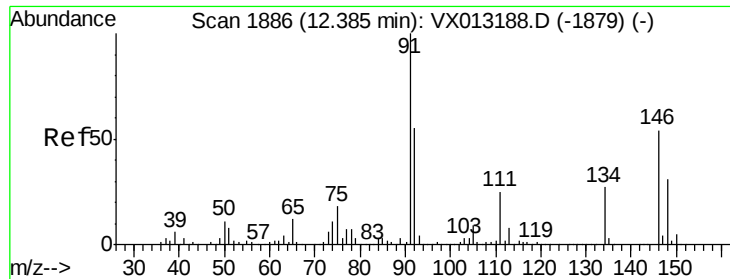
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#88
 1,4-Dichlorobenzene
 Concen: 49.225 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.9
148	64.3	32.5	97.5





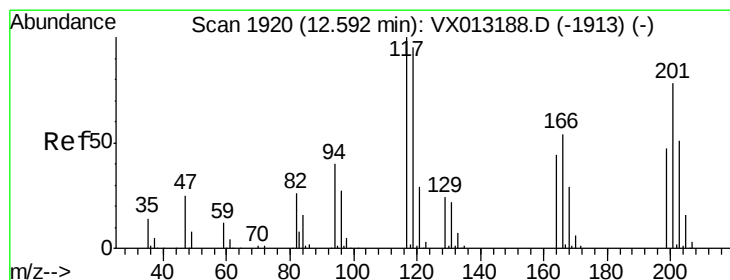
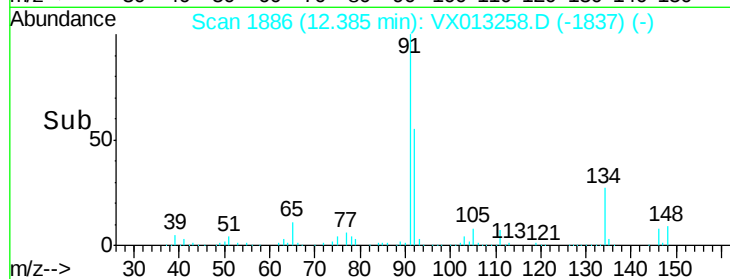
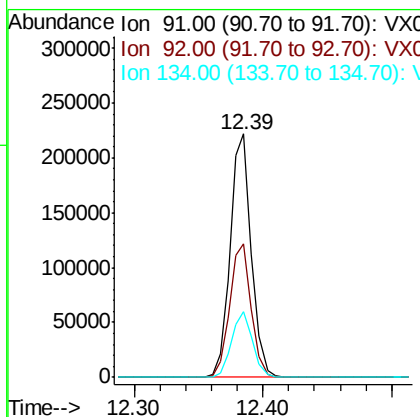
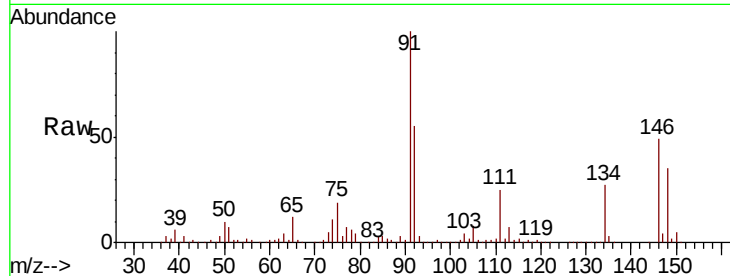
#89
n-Butylbenzene
Concen: 50.792 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.7	27.7	83.1
134	27.0	13.2	39.6

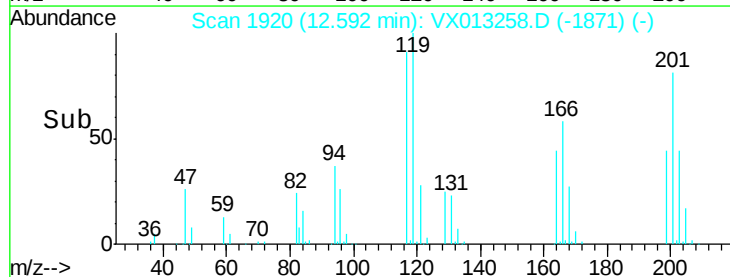
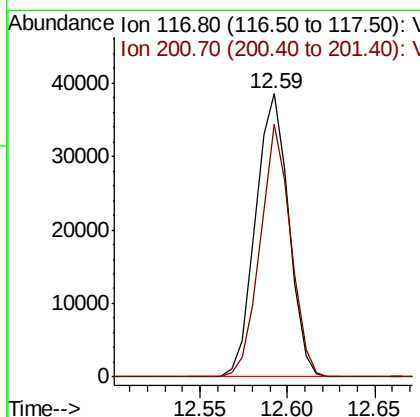
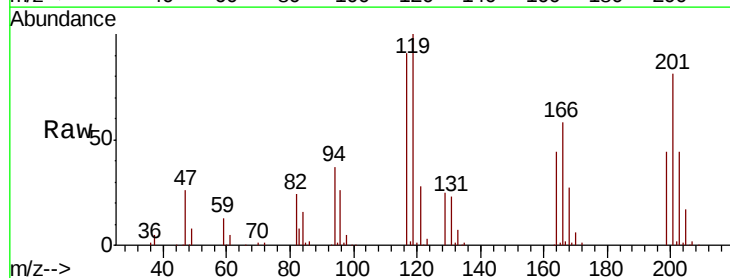
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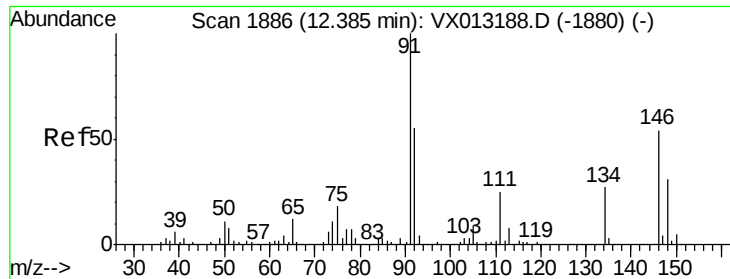
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#90
Hexachloroethane
Concen: 49.811 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.3	39.0	116.9





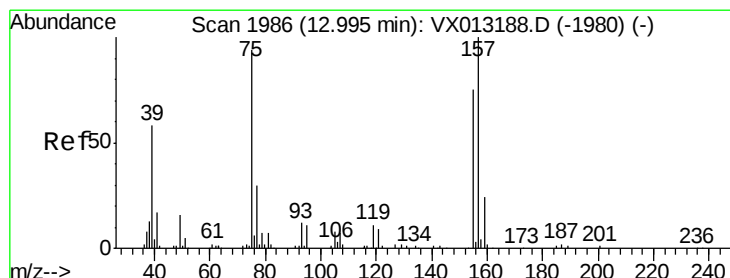
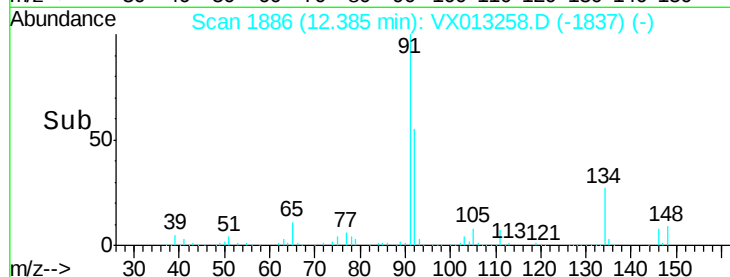
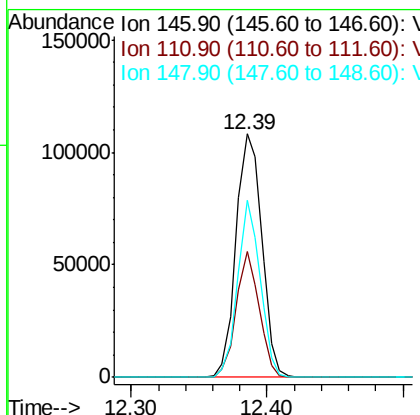
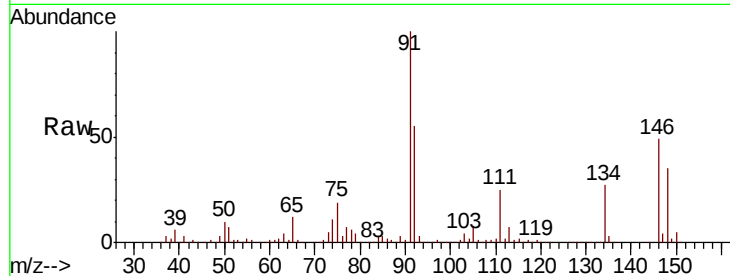
#91
 1,2-Dichlorobenzene
 Concen: 48.100 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.9	68.8
148	63.7	31.8	95.3

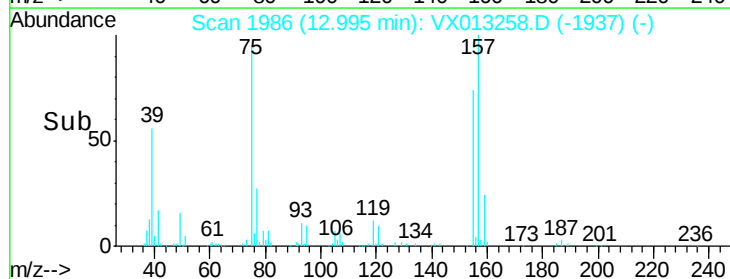
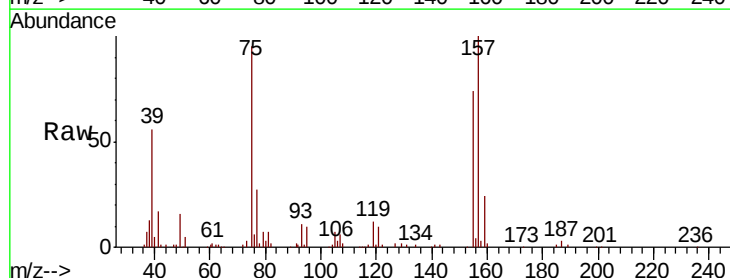
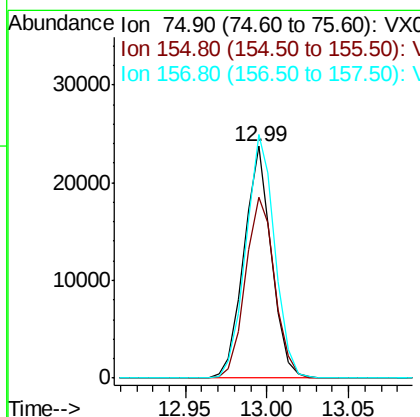
Manual Integrations
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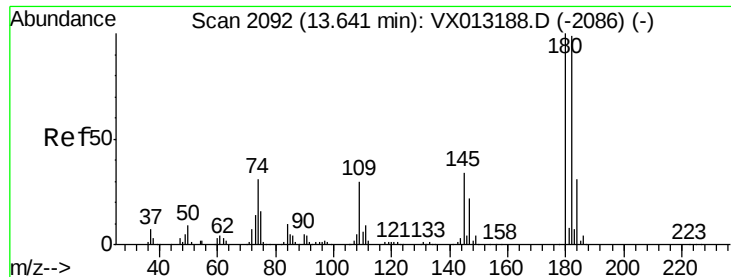
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.970 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	42.8	128.4
157	110.5	54.3	162.8





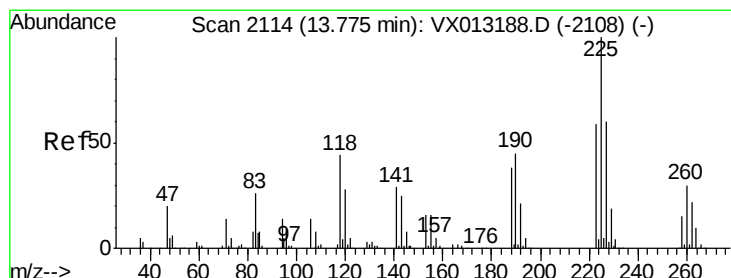
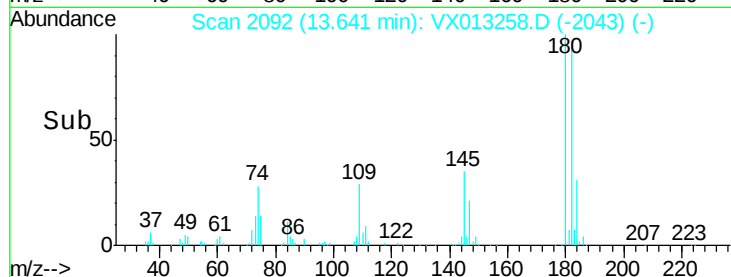
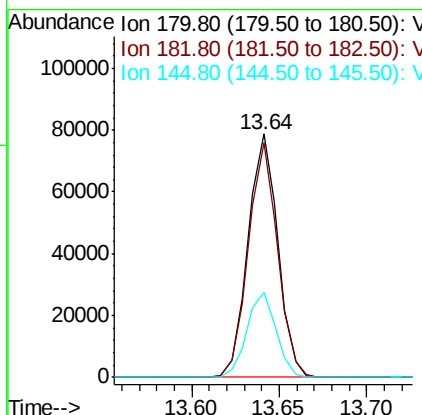
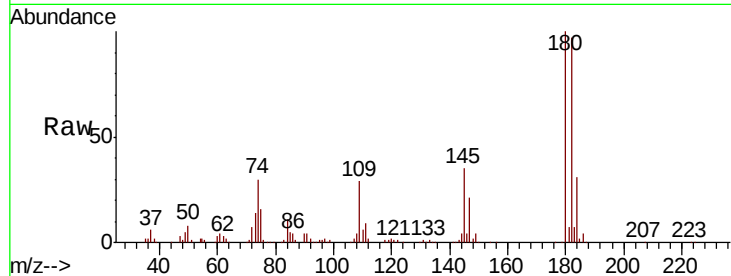
#93
 1,2,4-Trichlorobenzene
 Concen: 49.791 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	45.9	137.6
145	34.4	15.9	47.6

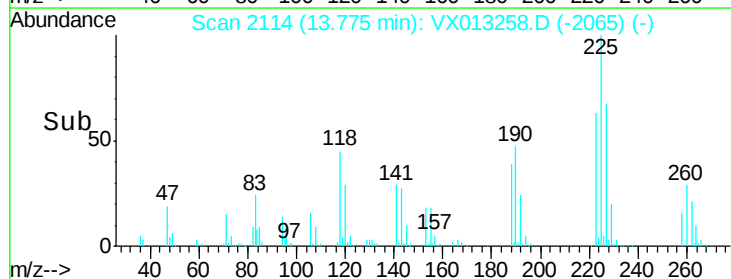
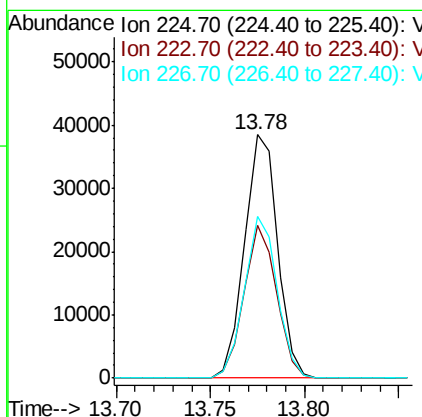
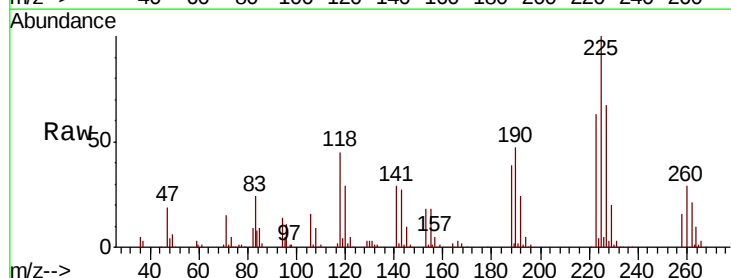
Manual Integrations
 APPROVED

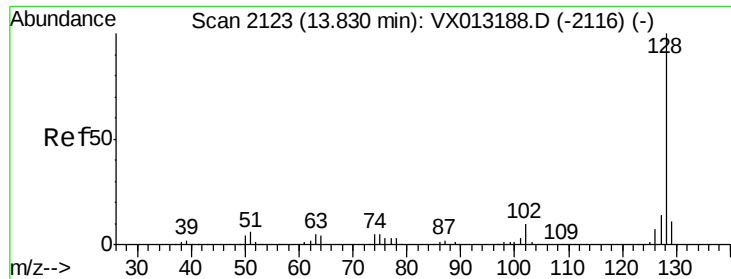
MMDadoda
 10/30/2019 12:07:56 PM



#94
 Hexachlorobutadiene
 Concen: 48.503 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.9	92.5
227	65.8	30.3	90.9





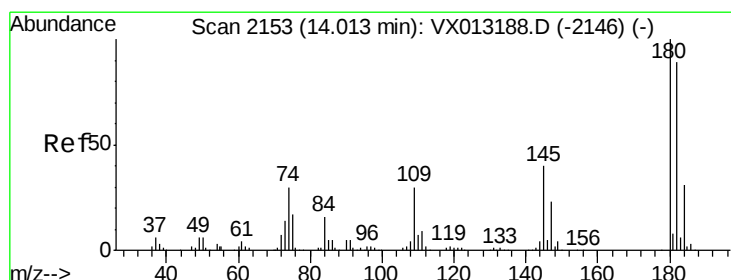
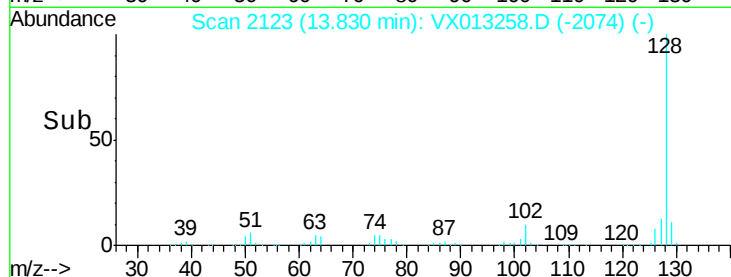
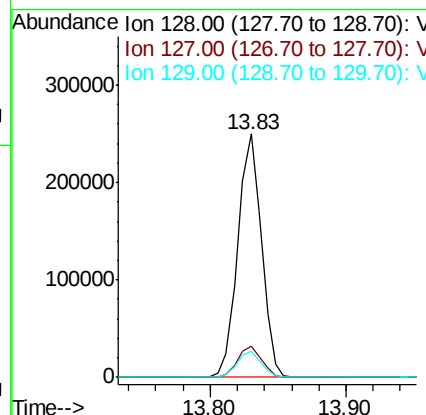
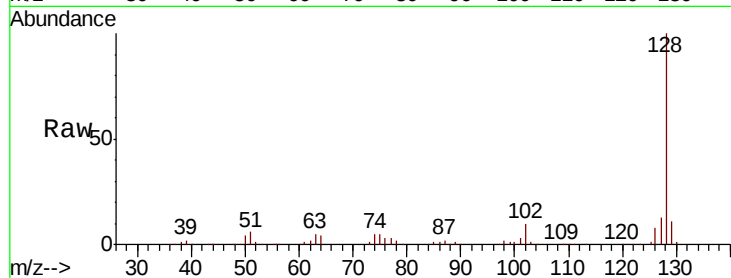
#95
Naphthalene
Concen: 52.910 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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10/30/2019 12:07:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.166 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.3	144.9
145	34.4	18.6	55.6

