

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012982.D
 Acq On : 10 Oct 2019 09:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:04:38 PM

Quant Time: Oct 11 04:57:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	181716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	299783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127465	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	109765	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.48	113	85319	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	330317	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	129416	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	100094	54.039	ug/l	99
3) Chloromethane	1.32	50	102849	51.020	ug/l	97
4) Vinyl Chloride	1.40	62	104738	50.339	ug/l	99
5) Bromomethane	1.63	94	40122	46.389	ug/l	96
6) Chloroethane	1.71	64	66283	52.137	ug/l	100
7) Trichlorofluoromethane	1.92	101	150522	53.599	ug/l	96
8) Diethyl Ether	2.18	74	57996	51.164	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91236	50.198	ug/l	99
10) Methyl Iodide	2.50	142	100186	48.793	ug/l	98
11) Tert butyl alcohol	3.03	59	130687	217.059	ug/l	99
12) 1,1-Dichloroethene	2.36	96	85984	46.824	ug/l	97
13) Acrolein	2.28	56	82475	192.756	ug/l	100
14) Allyl chloride	2.72	41	167606	51.252	ug/l	98
15) Acrylonitrile	3.13	53	283249	248.250	ug/l	100
16) Acetone	2.43	43	361505	301.969	ug/l	99
17) Carbon Disulfide	2.56	76	251119	47.959	ug/l	99
18) Methyl Acetate	2.76	43	134982	47.569	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	329826	52.011	ug/l	98
20) Methylene Chloride	2.84	84	106672	48.484	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	101517	51.578	ug/l	97
22) Diisopropyl ether	3.84	45	326202	52.056	ug/l #	89
23) Vinyl Acetate	3.80	43	1420147	262.522	ug/l	100
24) 1,1-Dichloroethane	3.68	63	183686	52.105	ug/l	99
25) 2-Butanone	4.65	43	446454	268.804	ug/l	98
26) 2,2-Dichloropropane	4.56	77	157337	53.074	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	116125	51.185	ug/l	99
28) Bromochloromethane	5.00	49	56824	53.971	ug/l	98
29) Tetrahydrofuran	5.11	42	249263	243.884	ug/l	99
30) Chloroform	5.20	83	185083	51.166	ug/l	97
31) Cyclohexane	5.56	56	171305	51.967	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	162334	52.965	ug/l	99
36) 1,1-Dichloropropene	5.79	75	139439	52.904	ug/l	99
37) Ethyl Acetate	4.81	43	148356	50.337	ug/l	99
38) Carbon Tetrachloride	5.77	117	137858	53.736	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	179218	56.069	ug/l	97
40) Benzene	6.13	78	415803	53.413	ug/l	98
41) Methacrylonitrile	5.02	41	82139	50.720	ug/l	99
42) 1,2-Dichloroethane	6.18	62	148095	53.017	ug/l	99
43) Isopropyl Acetate	6.43	43	245585	51.916	ug/l	100
44) Trichloroethene	7.20	130	108885	50.440	ug/l	94
45) 1,2-Dichloropropane	7.50	63	105839	53.345	ug/l	98
46) Dibromomethane	7.65	93	70105	53.034	ug/l	99
47) Bromodichloromethane	7.89	83	141092	54.694	ug/l	97
48) Methyl methacrylate	7.76	41	118827	51.548	ug/l	99
49) 1,4-Dioxane	7.73	88	59507	963.287	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	758164	257.066	ug/l	100
52) Toluene	8.78	92	264011	53.012	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	159426	49.542	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	173721	54.754	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	105281	53.418	ug/l	98
56) Ethyl methacrylate	9.17	69	171457	48.633	ug/l	100
57) 1,3-Dichloropropane	9.36	76	177479	52.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	377596	260.795	ug/l	100
59) 2-Hexanone	9.48	43	623850	271.731	ug/l	99
60) Dibromochloromethane	9.57	129	106768	48.729	ug/l	100
61) 1,2-Dibromoethane	9.67	107	109925	53.020	ug/l	99
64) Tetrachloroethene	9.33	164	100685	53.222	ug/l	95
65) Chlorobenzene	10.13	112	277448	51.224	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99865	53.177	ug/l	98
67) Ethyl Benzene	10.25	91	511602	53.176	ug/l	98
68) m/p-Xylenes	10.36	106	389348	108.326	ug/l	99
69) o-Xylene	10.70	106	187178	53.403	ug/l	99
70) Styrene	10.71	104	323616	54.311	ug/l	100
71) Bromoform	10.85	173	72617	45.679	ug/l #	100
73) Isopropylbenzene	11.01	105	505037	53.891	ug/l	100
74) N-amyl acetate	10.89	43	215139	53.304	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	161348	51.765	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	137052m	48.477	ug/l	
77) Bromobenzene	11.25	156	116715	52.851	ug/l	95
78) n-propylbenzene	11.35	91	576622	55.917	ug/l	98
79) 2-Chlorotoluene	11.42	91	343286	52.970	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	423496	54.120	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52758	48.151	ug/l	99
82) 4-Chlorotoluene	11.51	91	406810	54.765	ug/l	99
83) tert-Butylbenzene	11.76	119	406520	53.255	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	435413	54.941	ug/l	99
85) sec-Butylbenzene	11.94	105	485174	54.861	ug/l	99
86) p-Isopropyltoluene	12.06	119	450236	54.894	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216640	52.827	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	213321	51.362	ug/l	99
89) n-Butylbenzene	12.38	91	397321	57.638	ug/l	100
90) Hexachloroethane	12.59	117	75185	49.514	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	211479	52.602	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39474	54.032	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	135968	53.988	ug/l	98
94) Hexachlorobutadiene	13.78	225	64209	55.244	ug/l	99
95) Naphthalene	13.83	128	460176	52.710	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	137078	52.670	ug/l	99

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

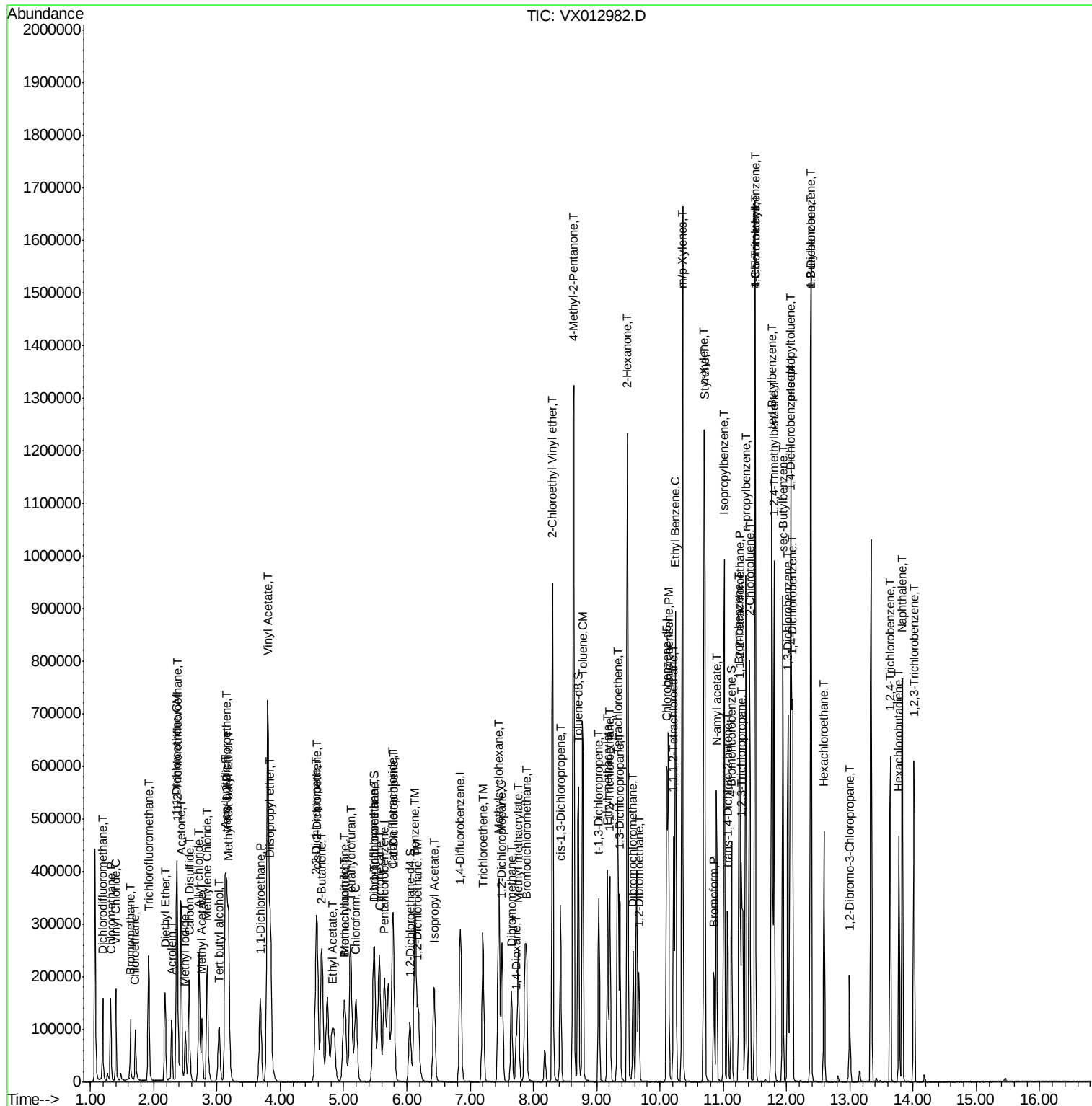
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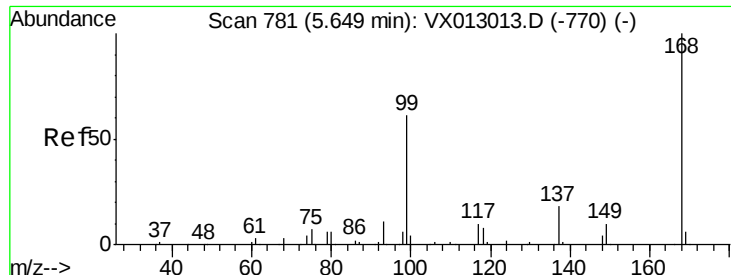
Instrument :
 MSVOA_X
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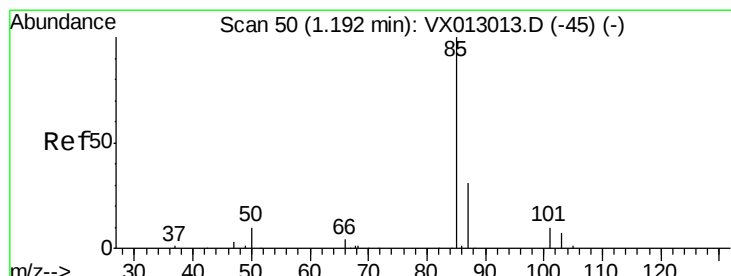
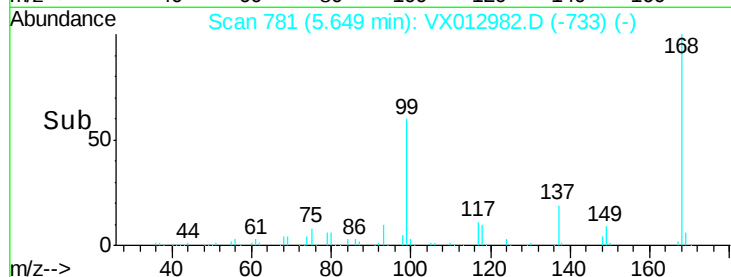
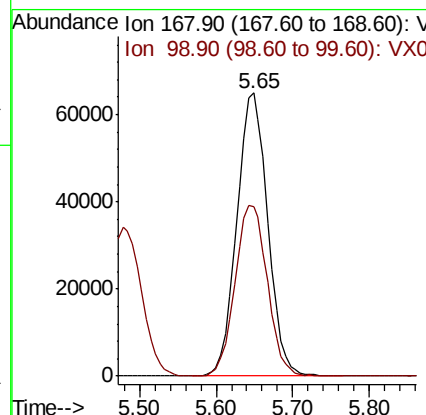
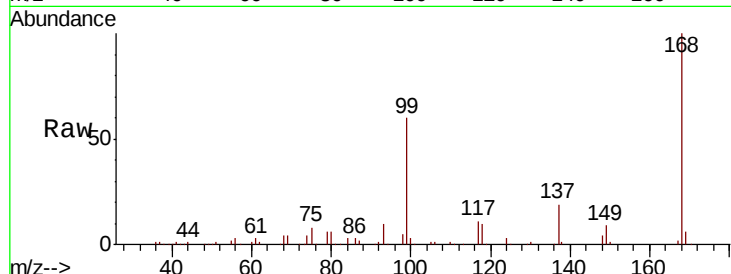
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
168	100	181716		
99	60.0	49.4	74.0	

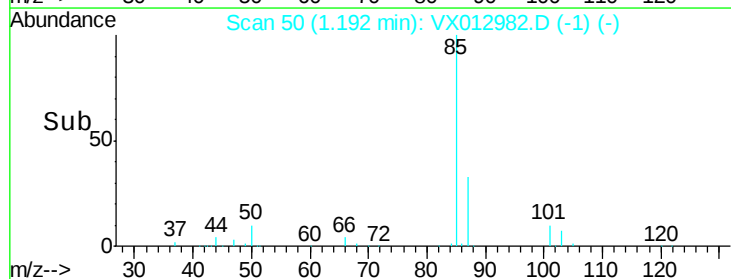
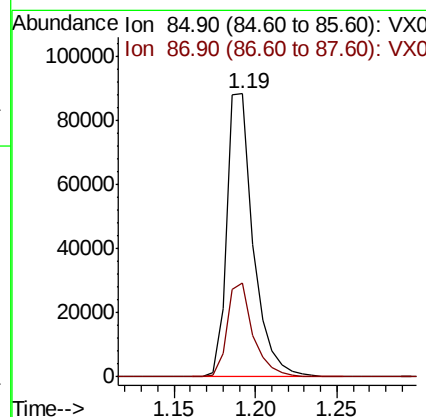
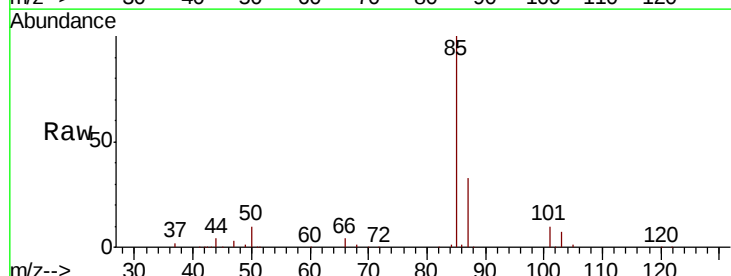
Manual Integrations
APPROVED

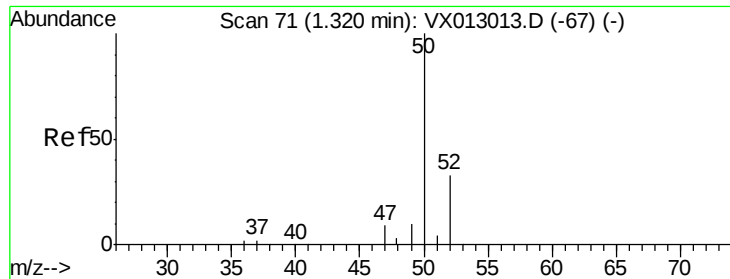
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10/14/2019 1:04:38 PM



#2
Dichlorodifluoromethane
Concen: 54.039 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	100094		
87	33.3	16.4	49.4	





#3

Chloromethane

Concen: 51.020 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 102849

Ion Ratio Lower Upper

50 100

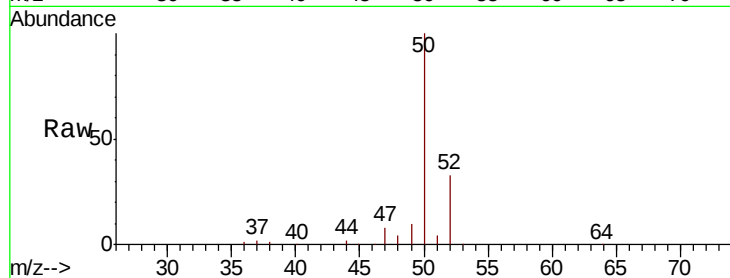
52 33.3 25.2 37.8

Manual Integrations

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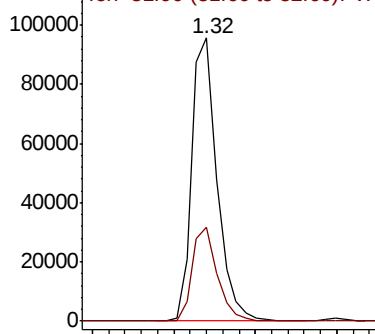
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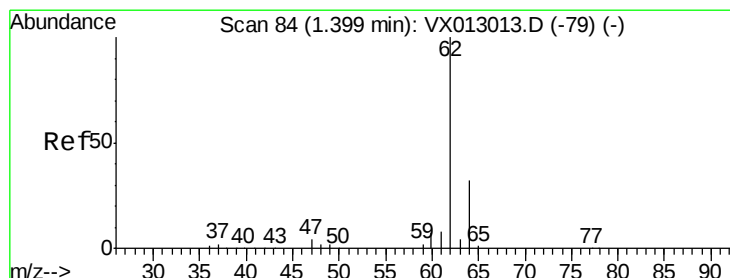
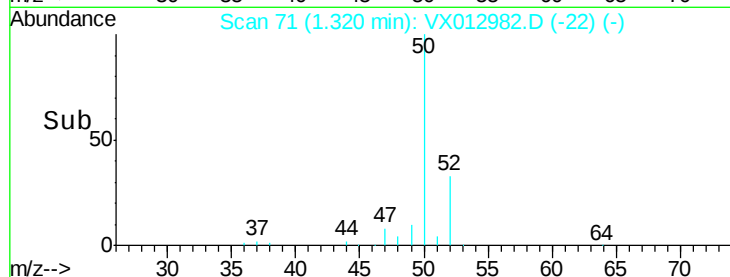


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 50.339 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012982.D

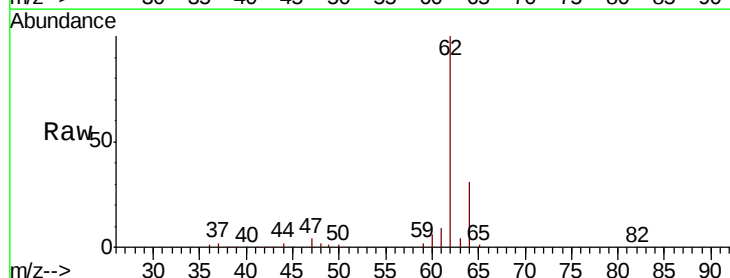
Acq: 10 Oct 2019 09:31

Tgt Ion: 62 Resp: 104738

Ion Ratio Lower Upper

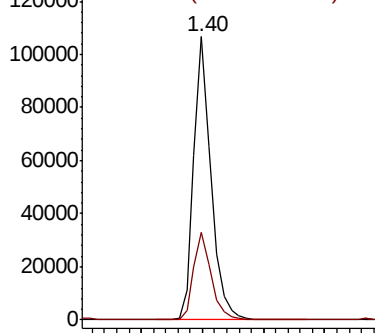
62 100

64 30.9 25.3 37.9

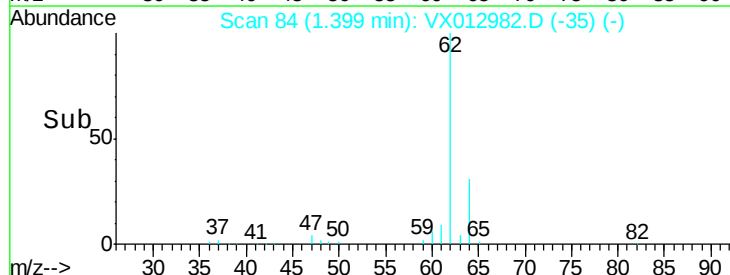


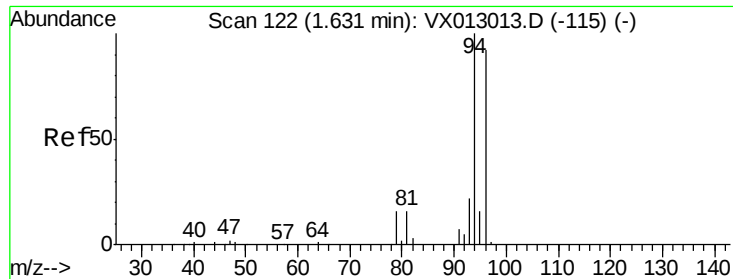
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 46.389 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 40122

Ion Ratio Lower Upper

94 100

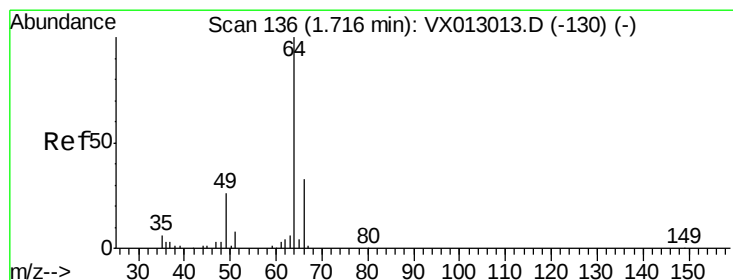
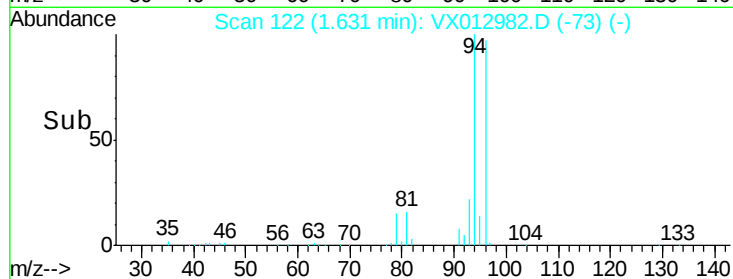
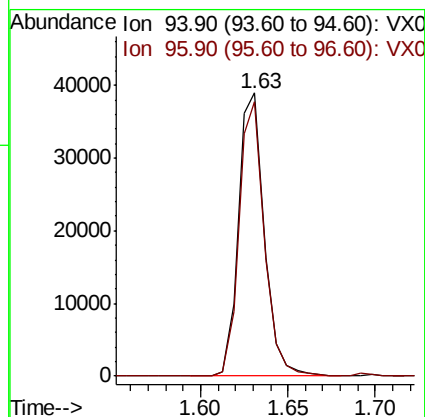
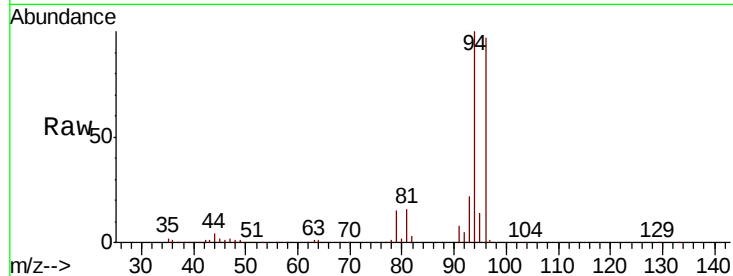
96 96.9 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 52.137 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012982.D

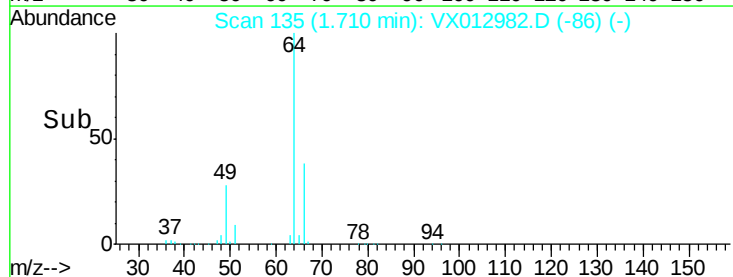
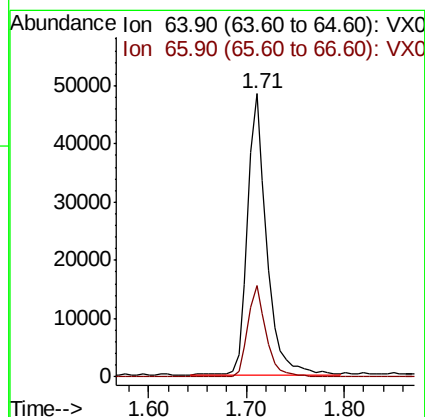
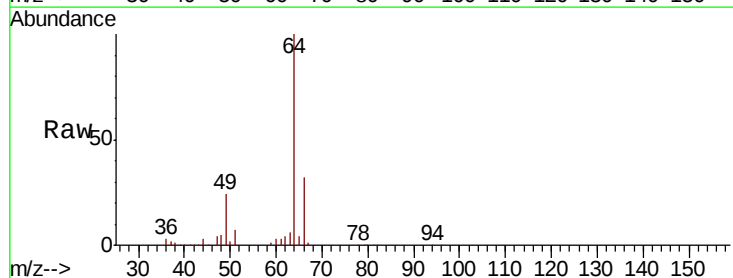
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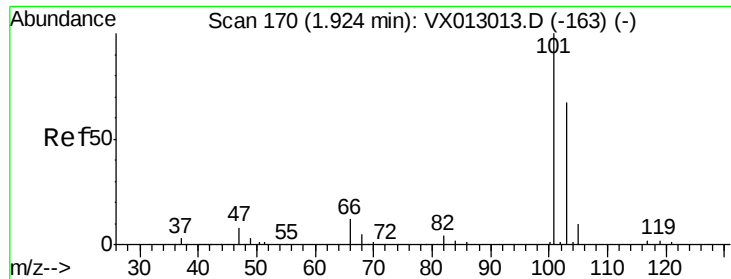
Tgt Ion: 64 Resp: 66283

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4





#7

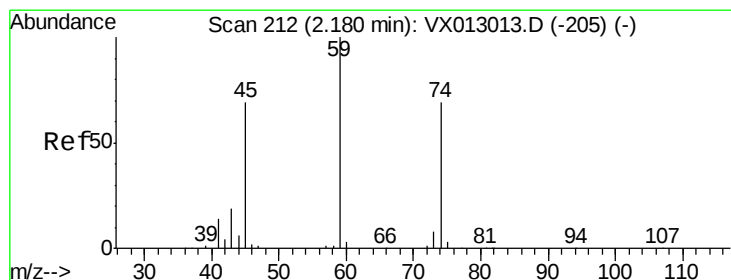
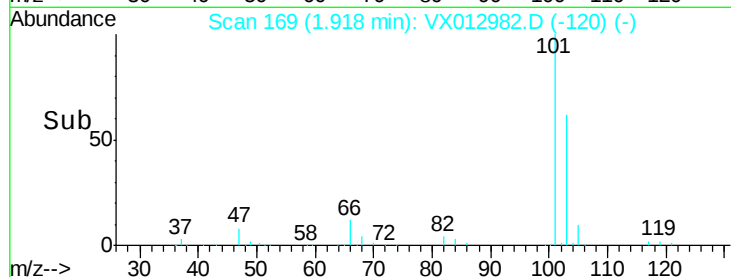
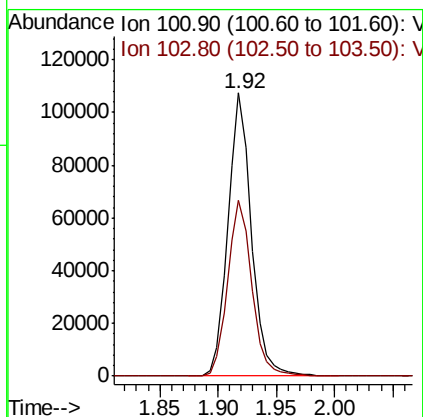
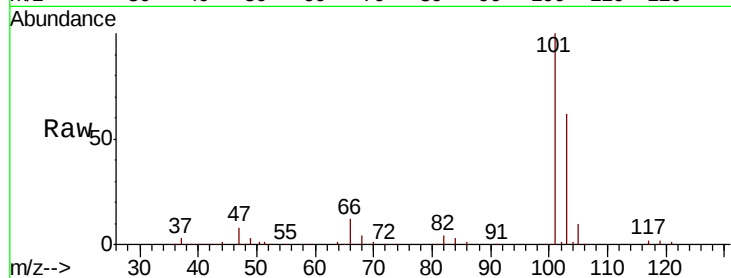
Trichlorofluoromethane
 Concen: 53.599 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.5	78.7

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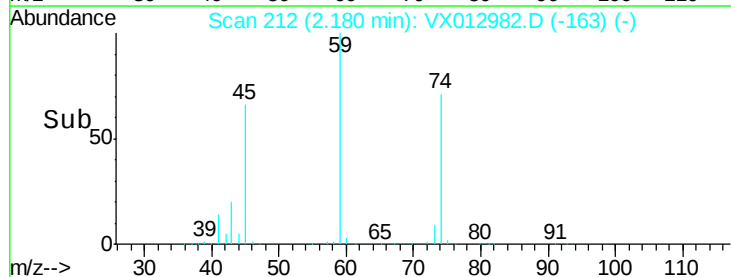
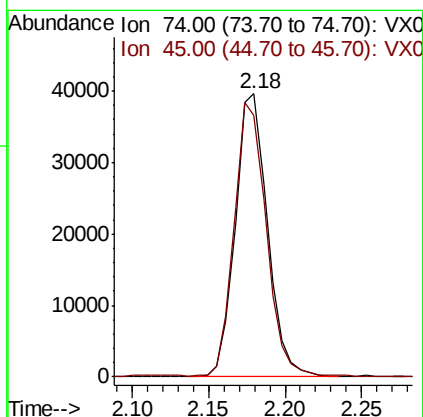
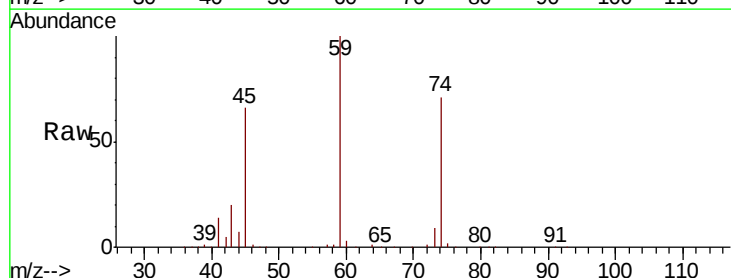
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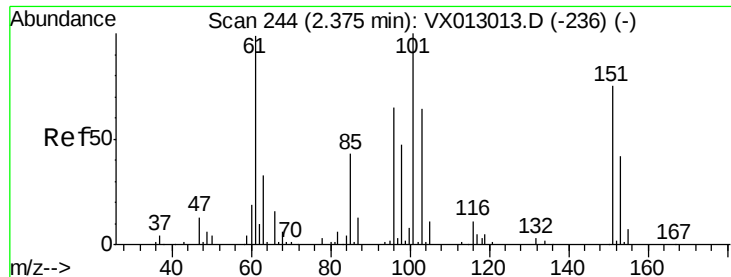


#8

Diethyl Ether
 Concen: 51.164 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012982.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	47.8	143.4





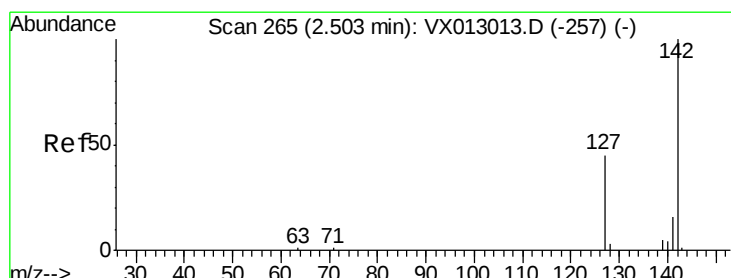
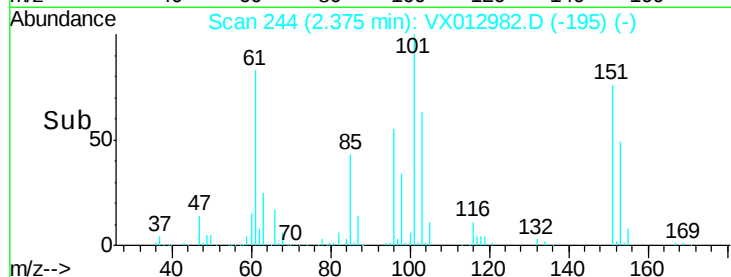
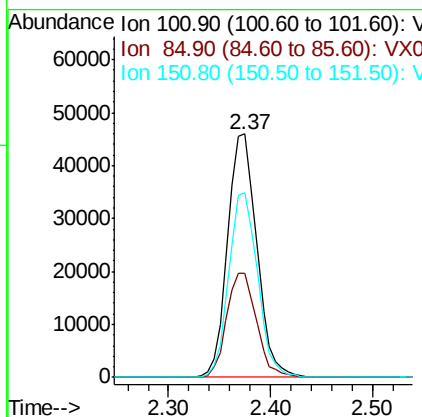
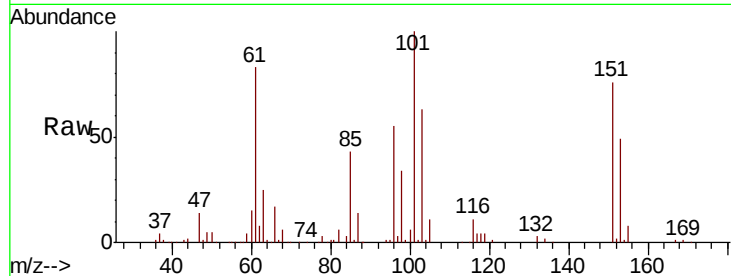
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.198 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.2	52.8
151	74.8	60.3	90.5

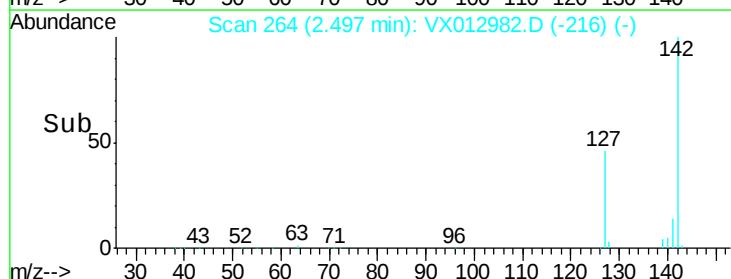
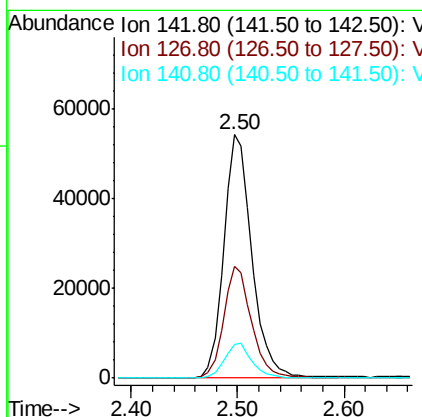
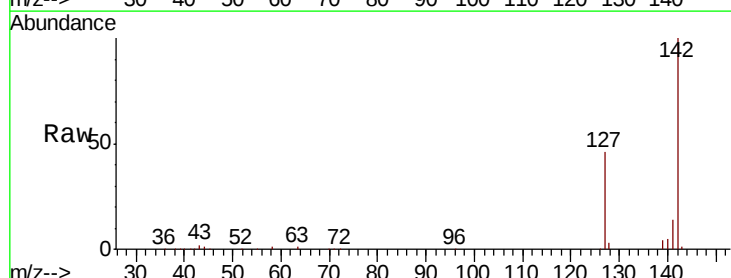
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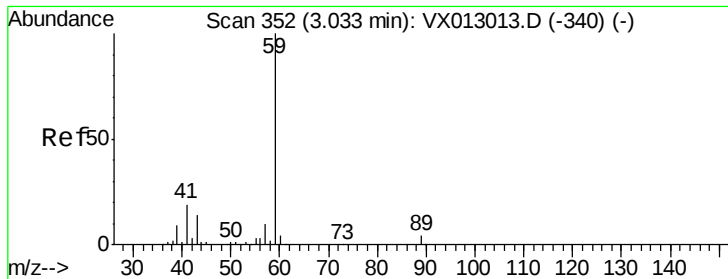
MMDadoda
10/14/2019 1:04:38 PM



#10
Methyl Iodide
Concen: 48.793 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.0	34.9	52.3
141	14.1	11.6	17.4





#11

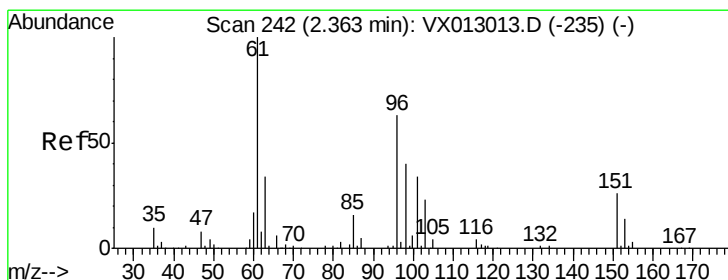
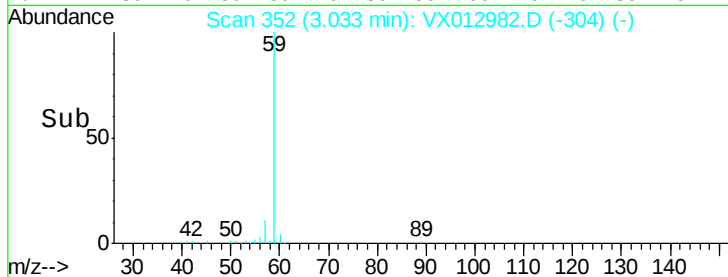
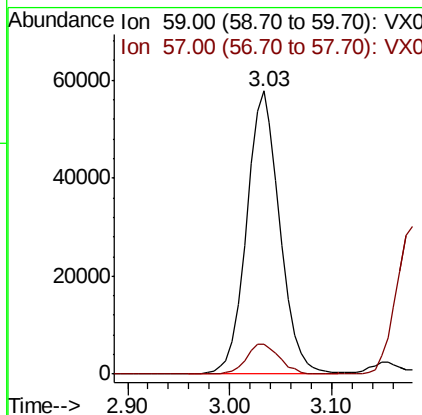
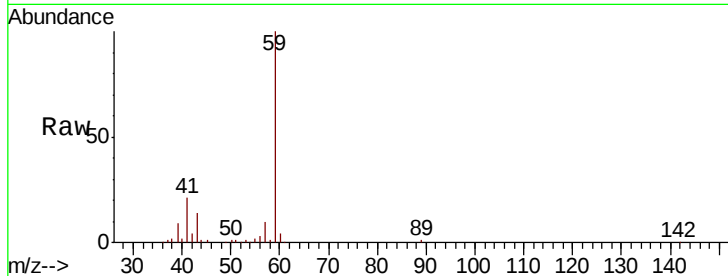
Tert butyl alcohol
 Concen: 217.059 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	130687
Ion Ratio	100	Lower	Upper
57	10.7	8.3	12.5

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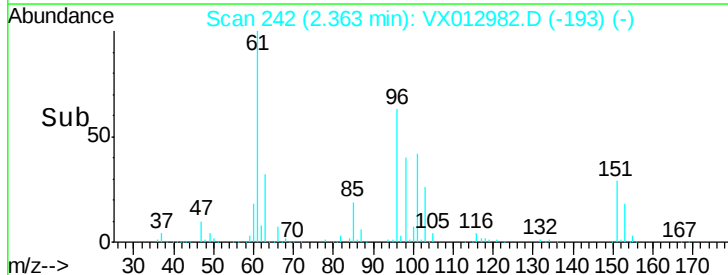
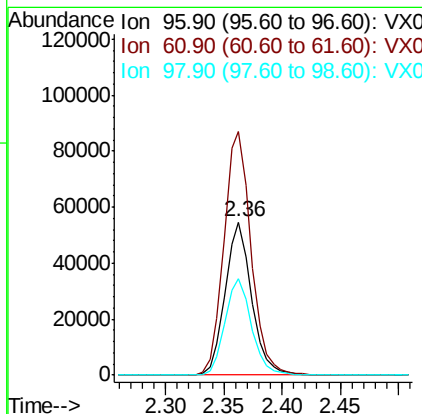
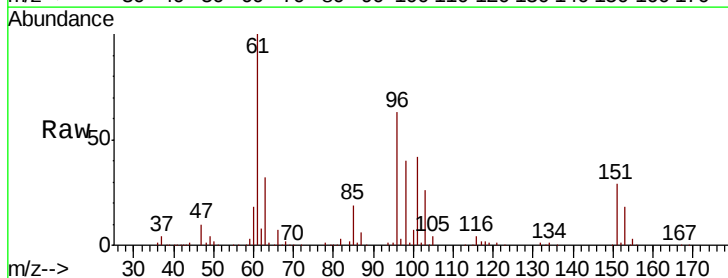
MMDadoda
 10/14/2019 1:04:38 PM

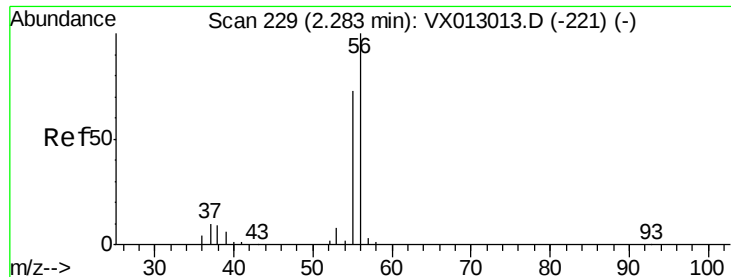


#12

1,1-Dichloroethene
 Concen: 46.824 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion	96	Resp	85984
Ion Ratio	100	Lower	Upper
61	159.1	132.2	198.4
98	63.0	50.5	75.7





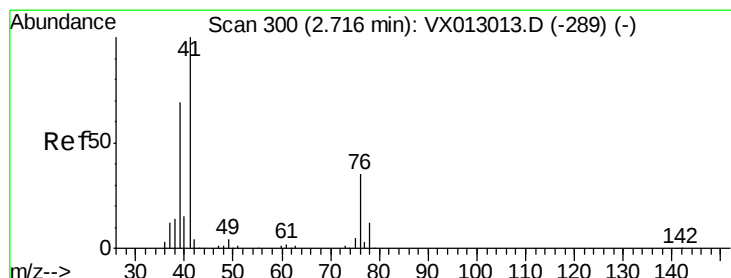
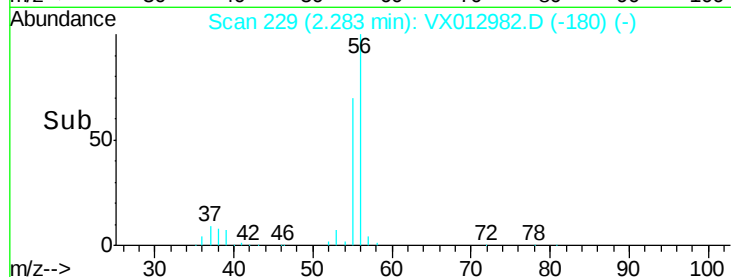
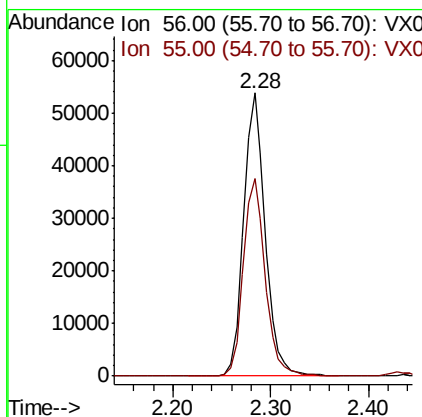
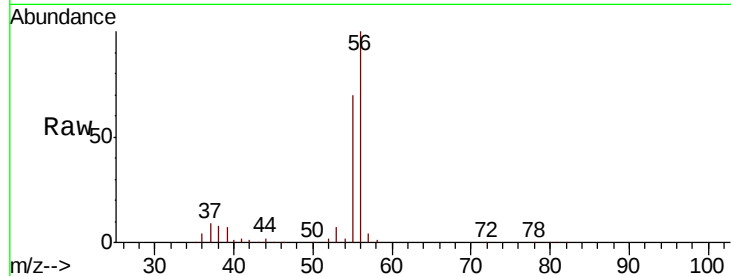
#13
Acrolein
Concen: 192.756 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	82475
Ion Ratio	100	Lower	Upper
55	71.0	56.6	85.0

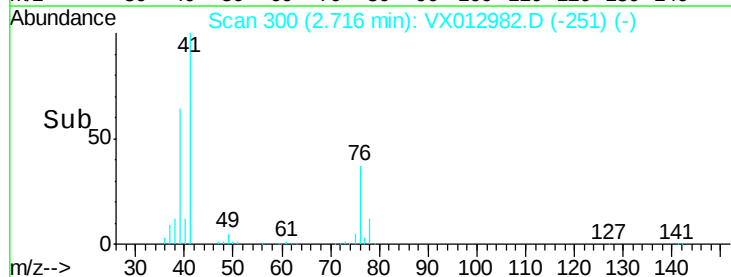
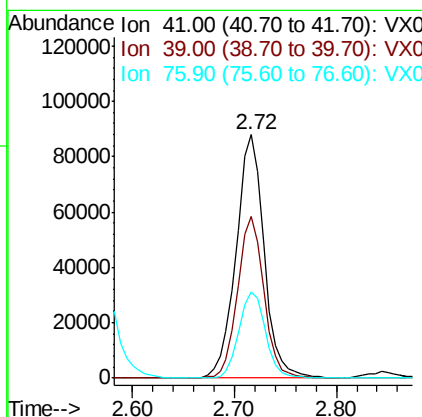
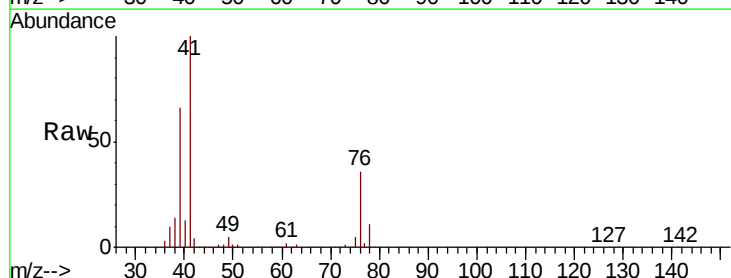
Manual Integrations
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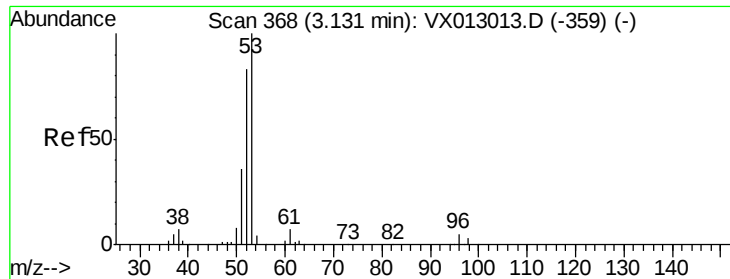
MMDadoda
10/14/2019 1:04:38 PM



#14
Allyl chloride
Concen: 51.252 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	41	Resp	167606
Ion Ratio	100	Lower	Upper
39	62.4	51.0	76.6
76	33.4	26.2	39.4





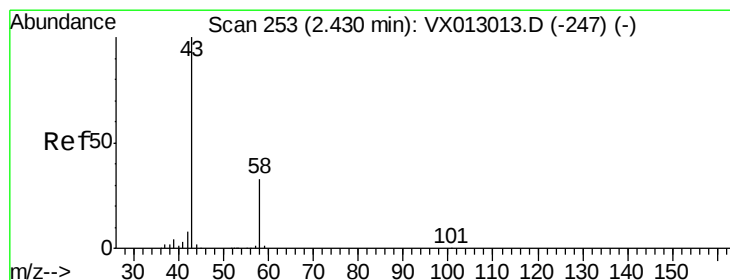
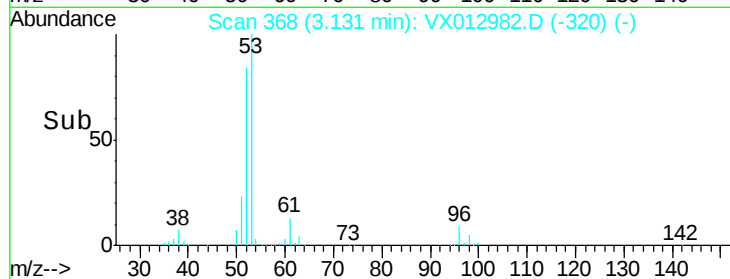
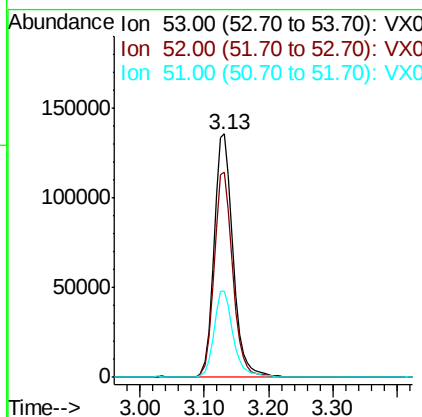
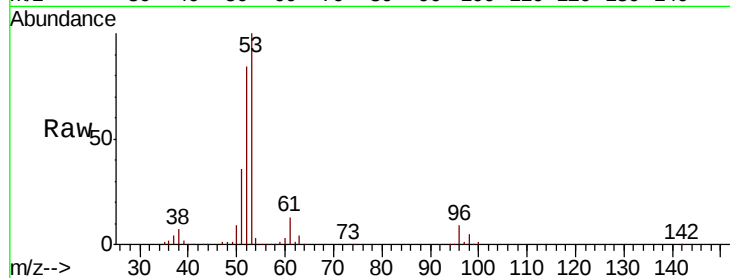
#15
 Acrylonitrile
 Concen: 248.250 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	36.0	28.2	42.4

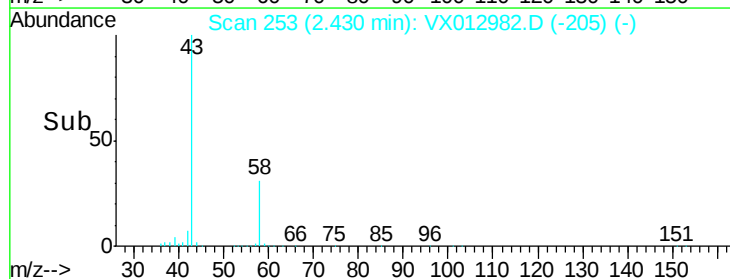
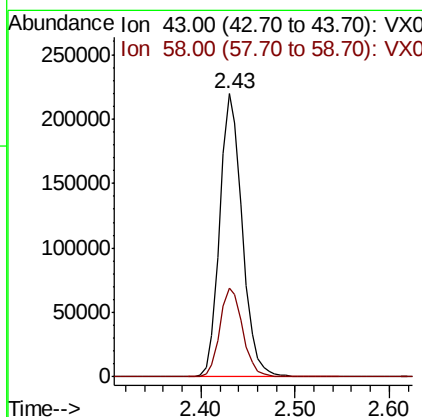
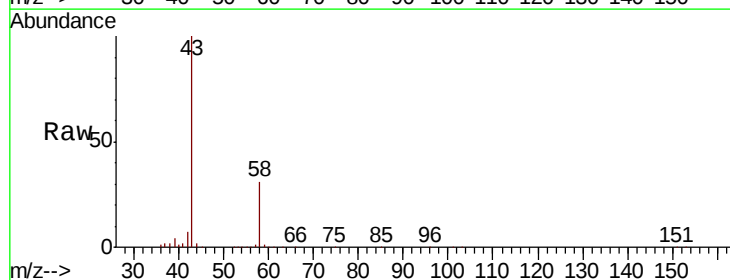
Manual Integrations
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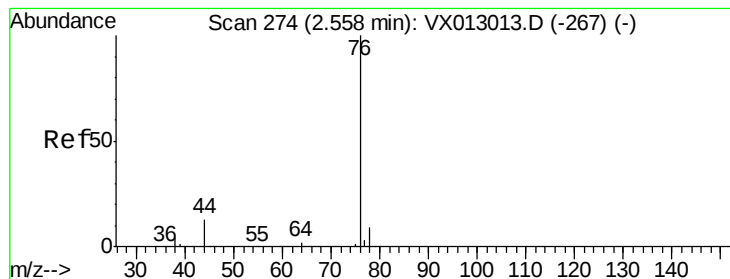
MMDadoda
 10/14/2019 1:04:38 PM



#16
 Acetone
 Concen: 301.969 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.4	38.2





#17

Carbon Disulfide

Concen: 47.959 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 251119

Ion Ratio Lower Upper

76 100

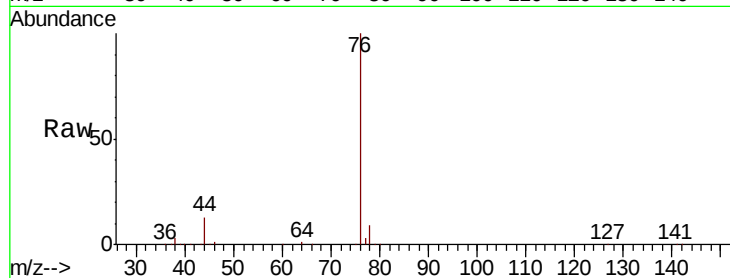
78 9.3 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

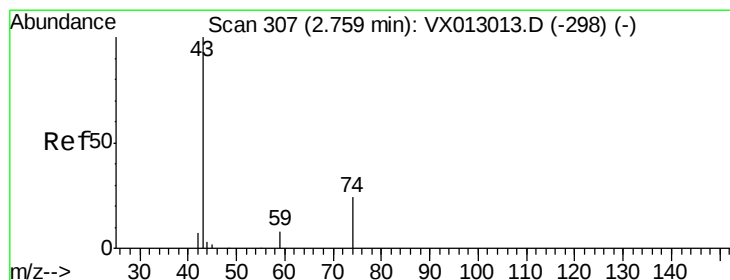
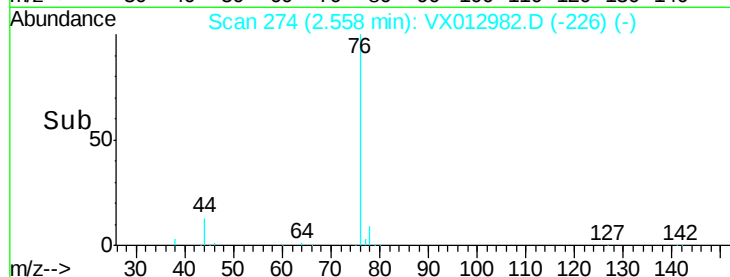
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.569 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012982.D

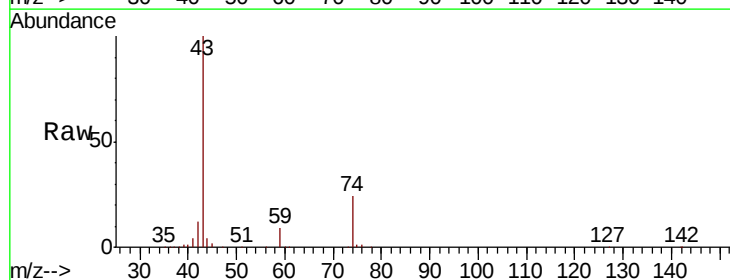
Acq: 10 Oct 2019 09:31

Tgt Ion: 43 Resp: 134982

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

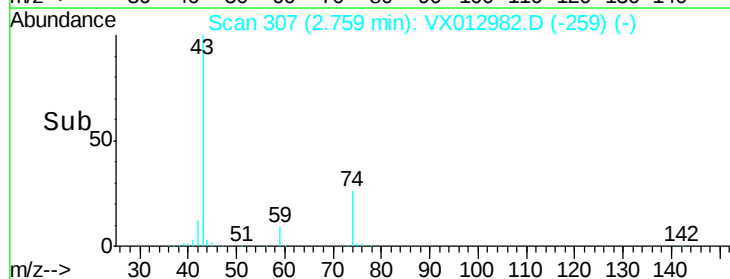
60000

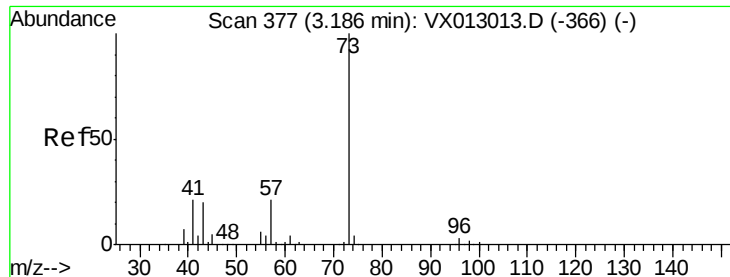
40000

20000

0

Time-->





#19

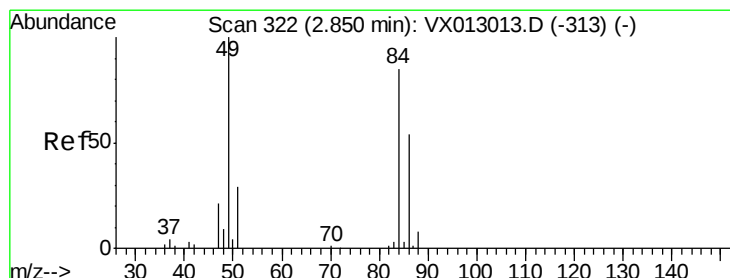
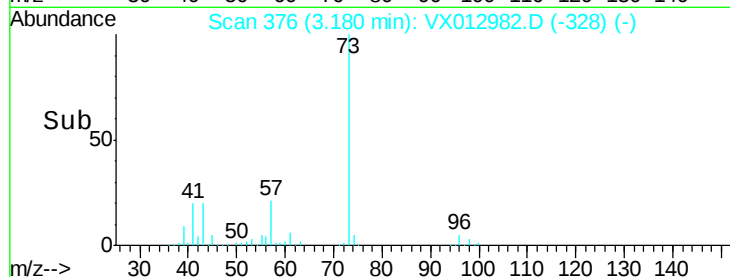
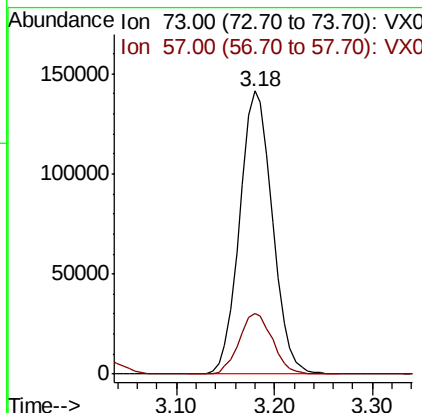
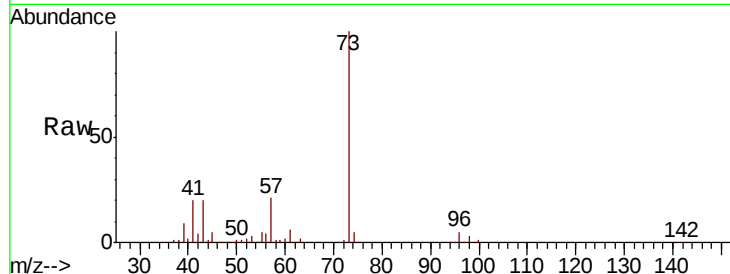
Methyl tert-butyl Ether
 Concen: 52.011 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.8	26.6

Manual Integrations
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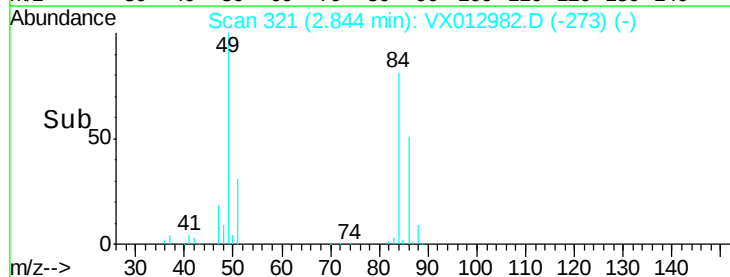
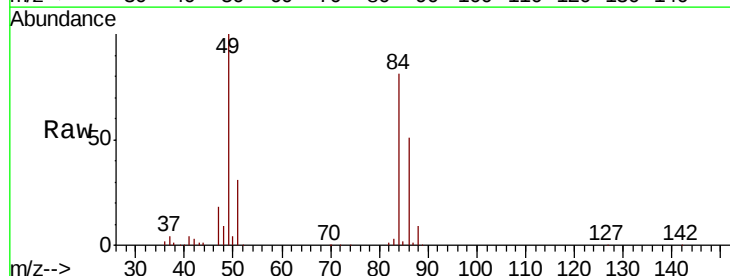
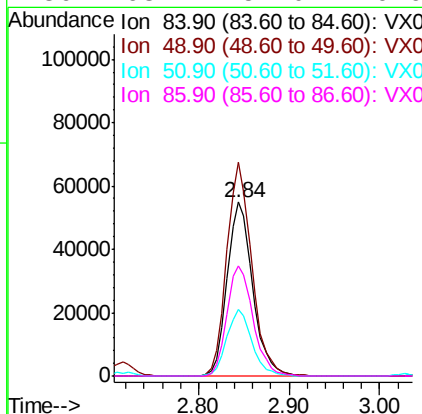
MMDadoda
 10/14/2019 1:04:38 PM

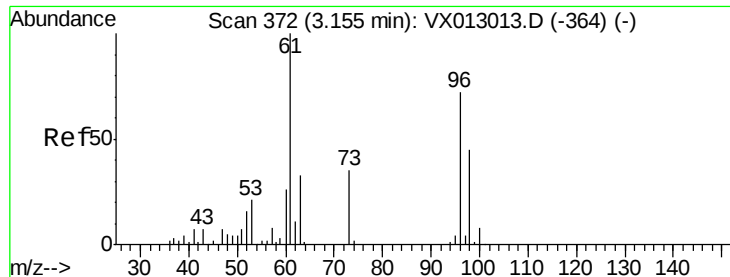


#20

Methylene Chloride
 Concen: 48.484 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	96.6	144.8
51	38.2	30.7	46.1
86	63.2	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 51.578 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

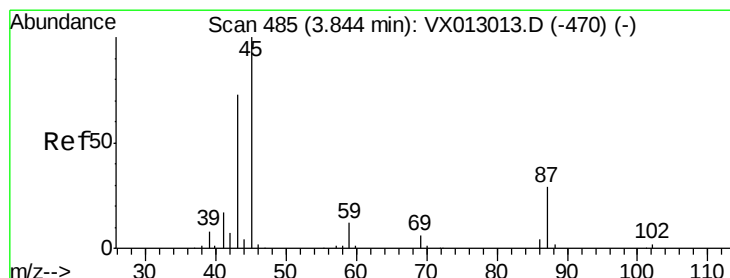
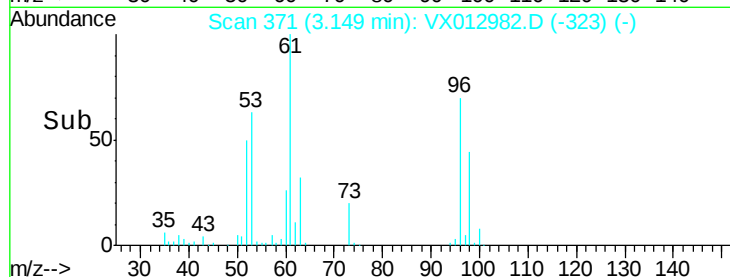
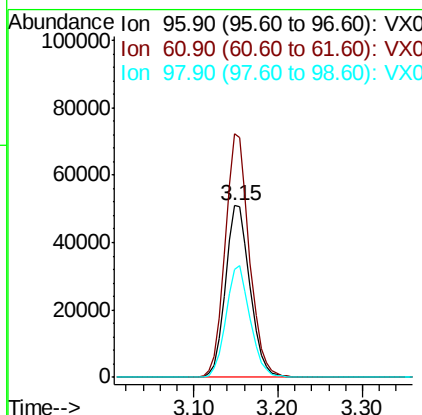
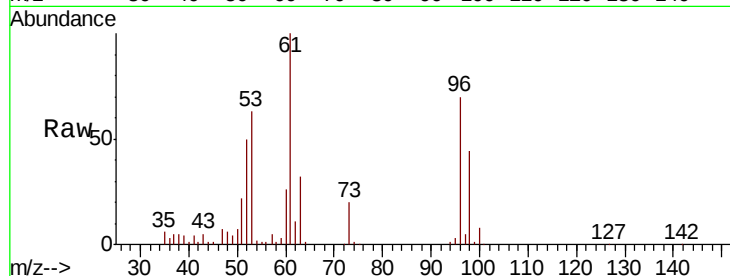
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	101517
Ion	Ratio	Lower	Upper
96	100		
61	141.9	110.4	165.6
98	63.0	51.5	77.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.056 ug/l

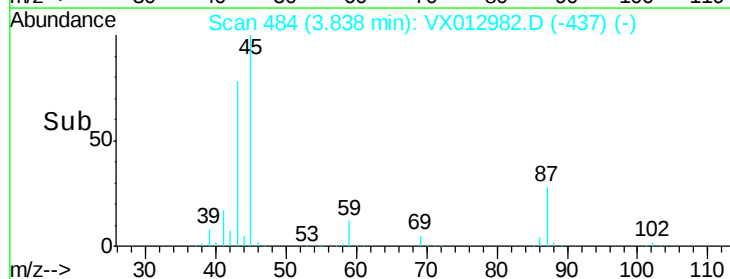
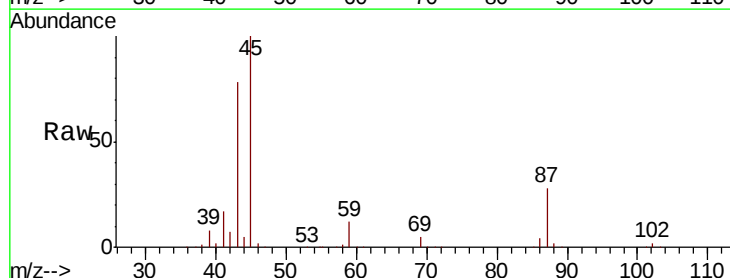
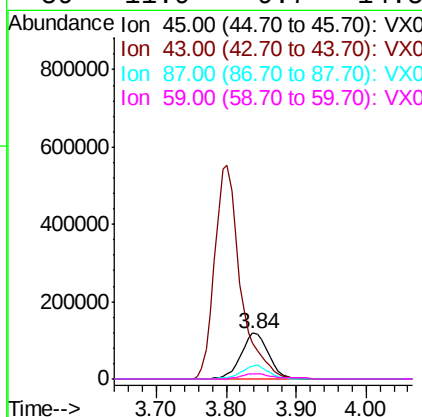
RT: 3.84 min Scan# 484

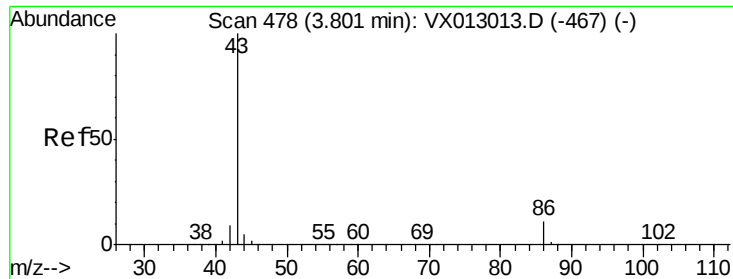
Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Tgt Ion:	45	Resp:	326202
Ion	Ratio	Lower	Upper
45	100		
43	77.9	51.4	77.0#
87	28.4	22.5	33.7
59	11.9	9.7	14.5





#23

Vinyl Acetate

Concen: 262.522 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1420147

Ion Ratio Lower Upper

43 100

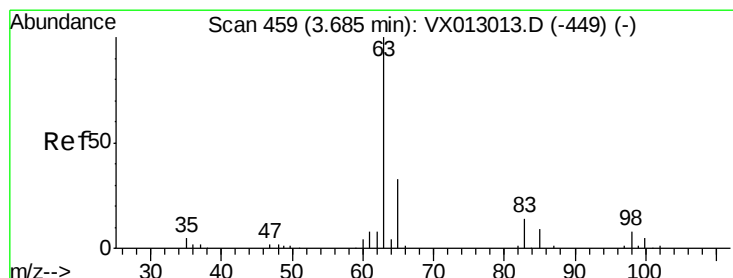
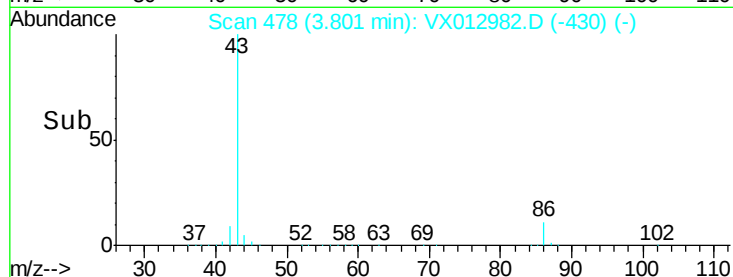
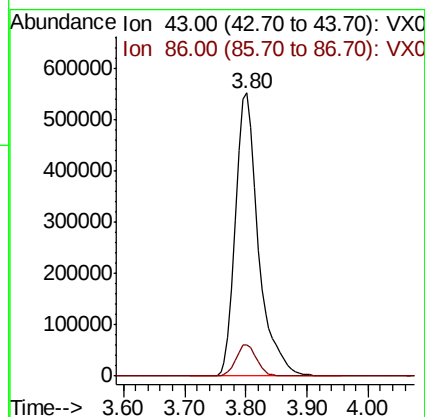
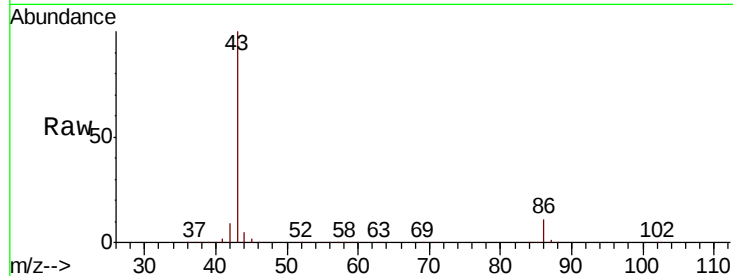
86 11.2 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.105 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

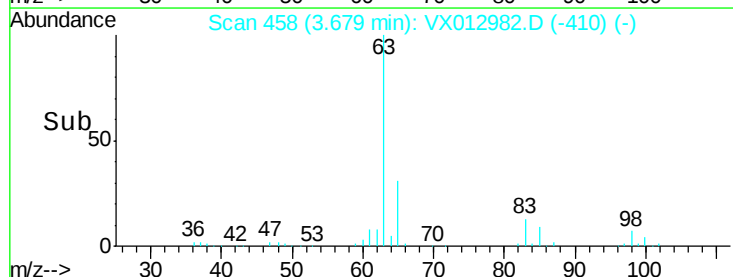
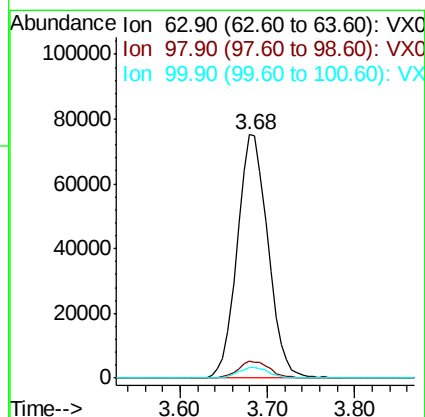
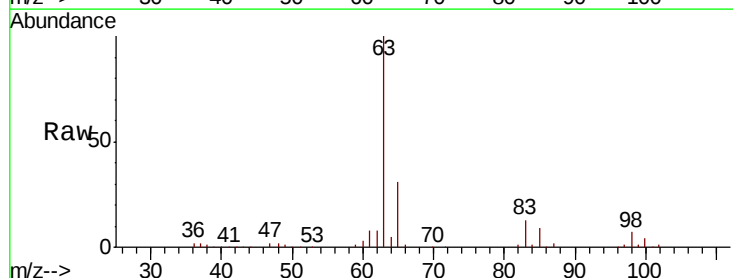
Tgt Ion: 63 Resp: 183686

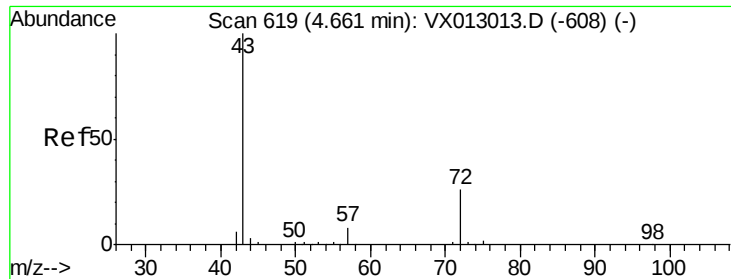
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 268.804 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 446454

Ion Ratio Lower Upper

43 100

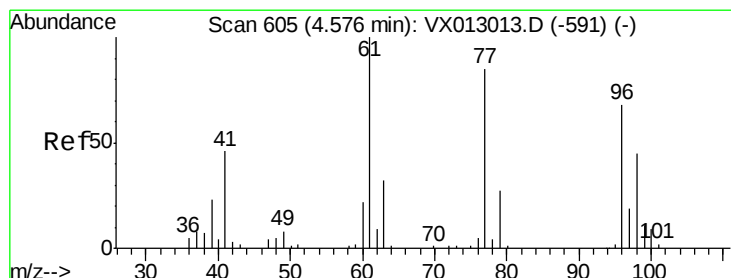
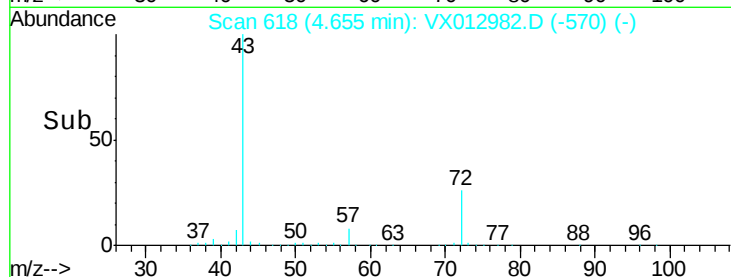
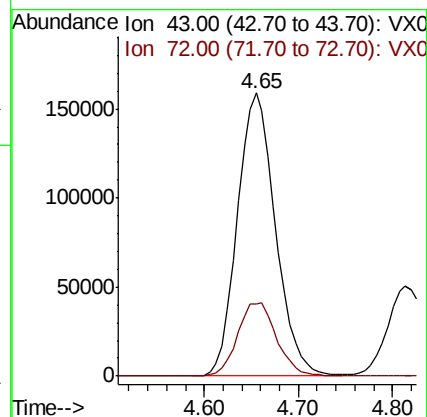
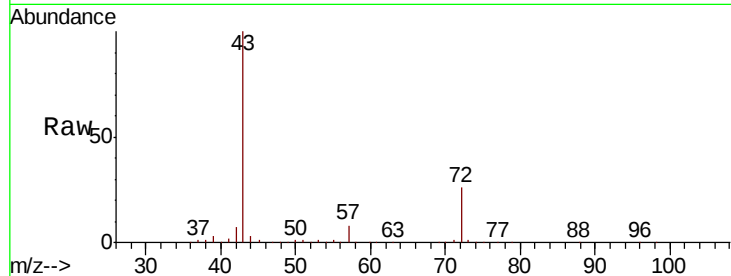
72 25.4 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.074 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012982.D

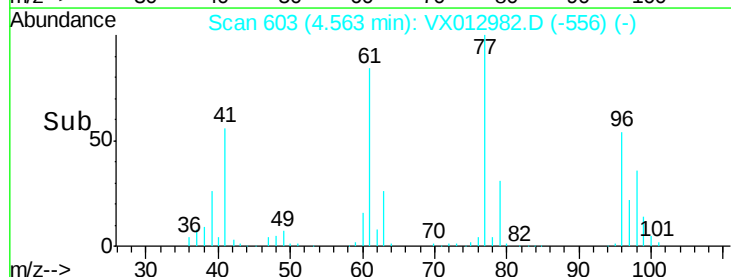
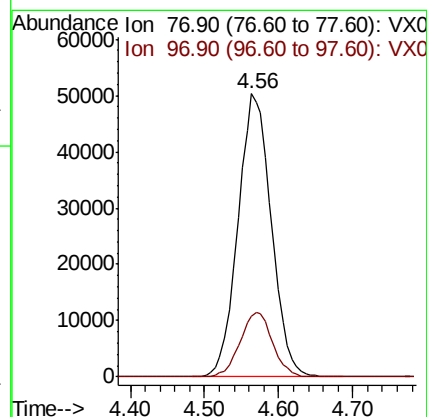
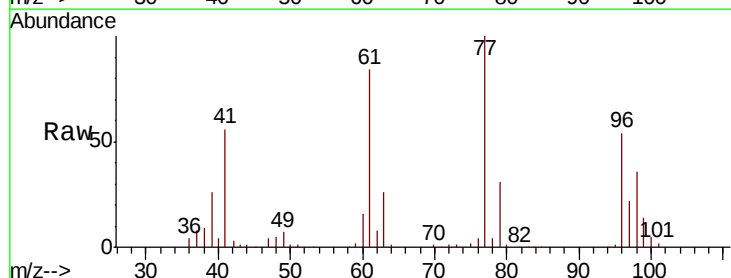
Acq: 10 Oct 2019 09:31

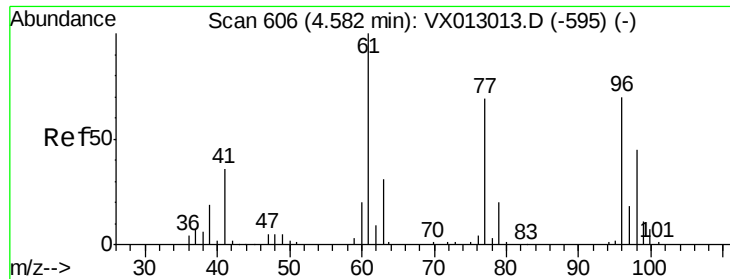
Tgt Ion: 77 Resp: 157337

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.9





#27

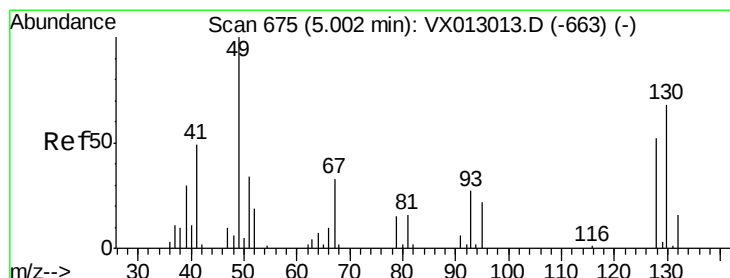
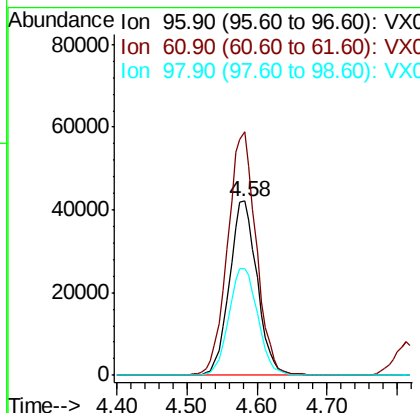
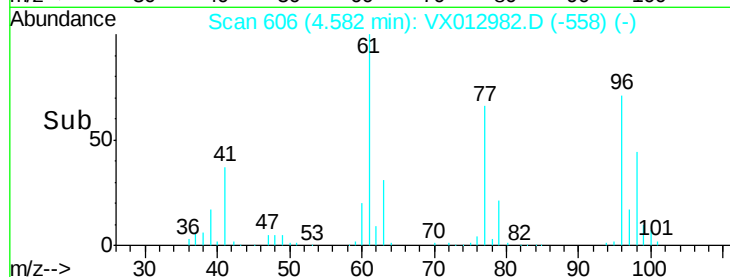
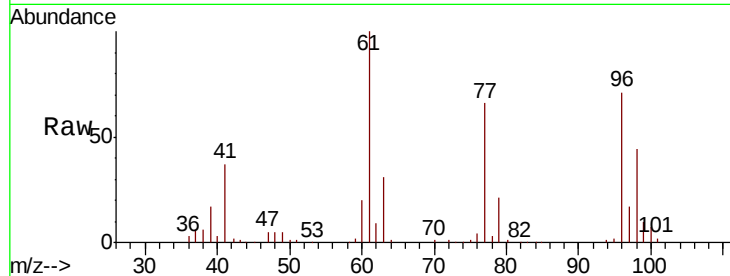
cis-1,2-Dichloroethene
Concen: 51.185 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	116125		
61	143.8	0.0	290.6	
98	63.9	0.0	128.8	

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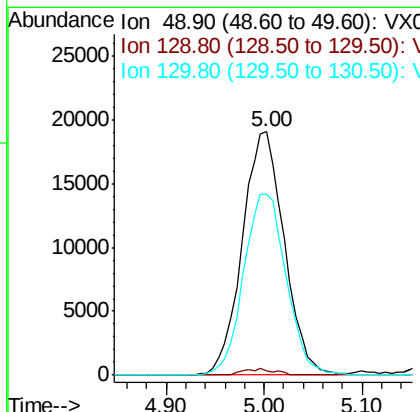
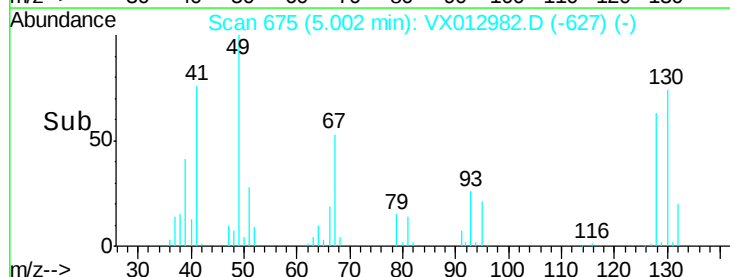
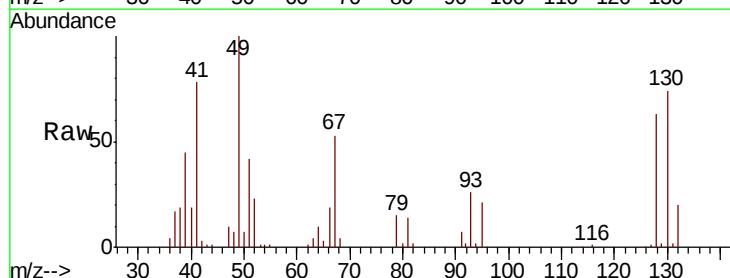
MMDadoda
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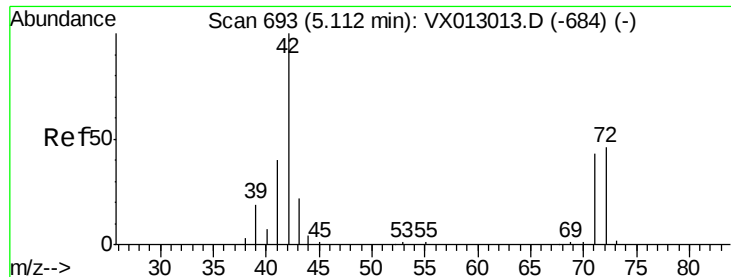


#28

Bromochloromethane
Concen: 53.971 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	56824		
129	2.0	0.0	4.2	
130	75.8	62.1	93.1	





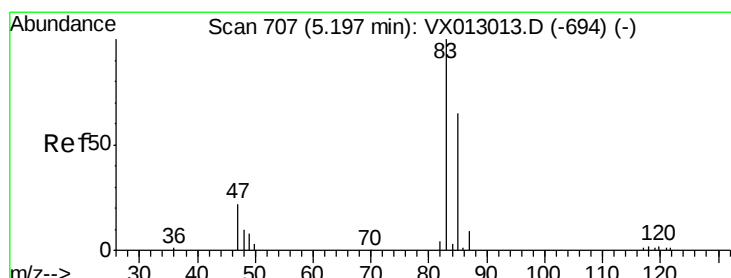
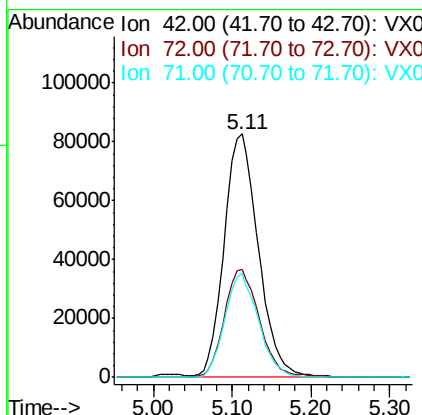
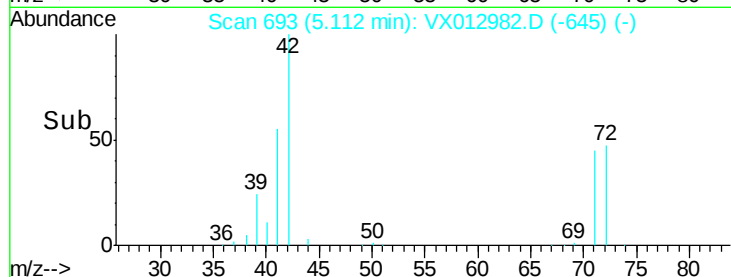
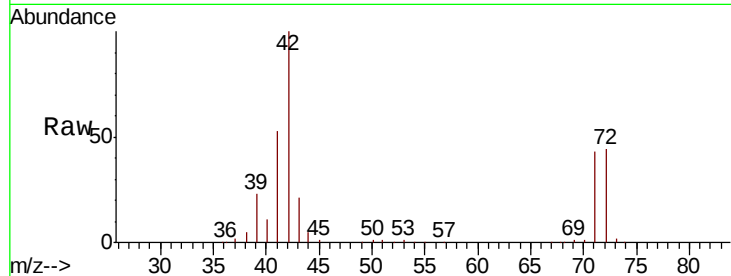
#29
Tetrahydrofuran
Concen: 243.884 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.9	55.3
71	42.3	33.5	50.3

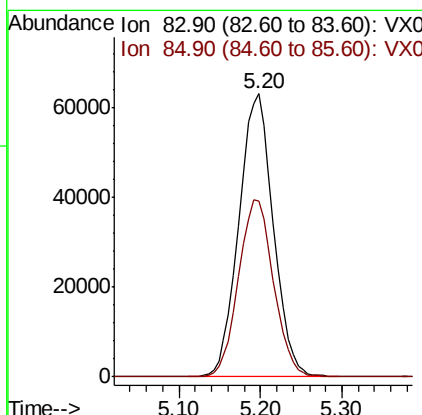
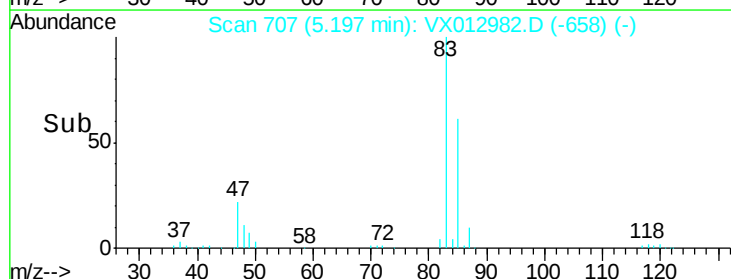
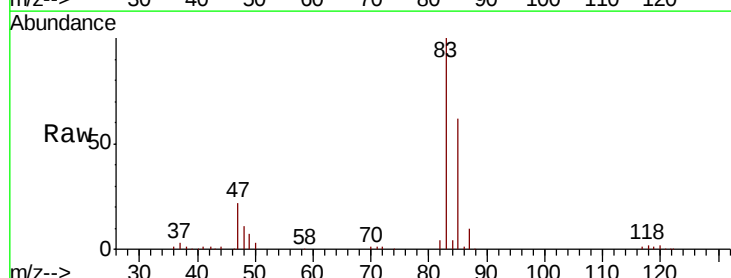
Manual Integrations
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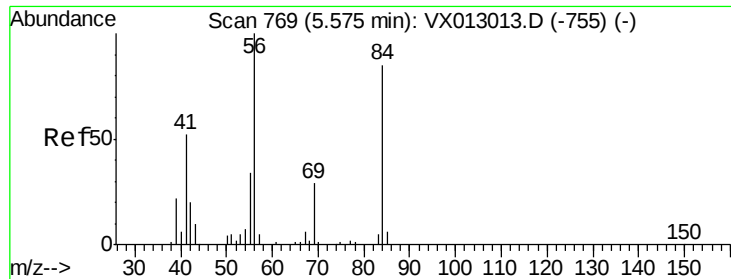
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#30
Chloroform
Concen: 51.166 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.5	77.3





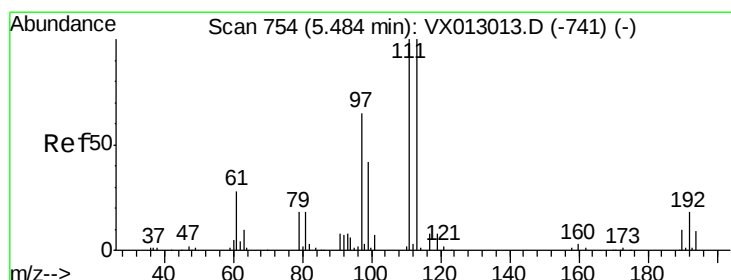
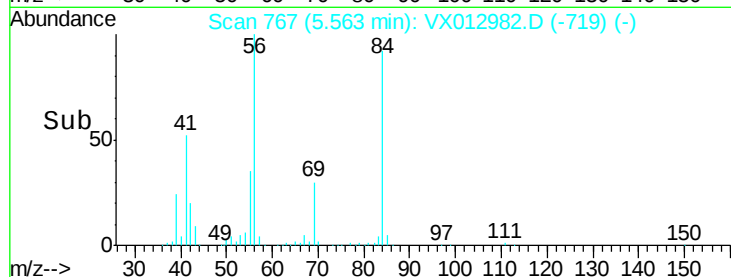
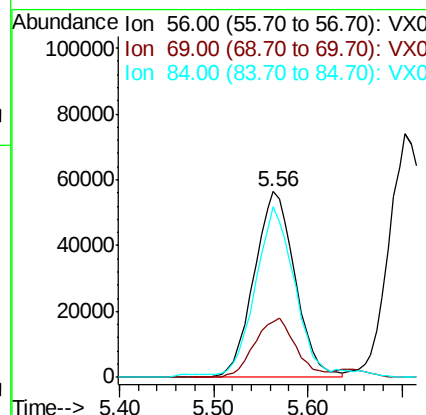
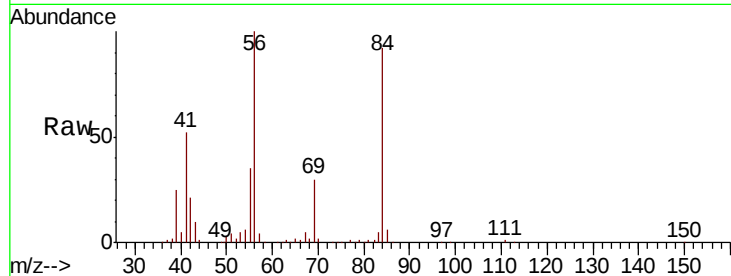
#31
Cyclohexane
Concen: 51.967 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.2	37.8
84	89.9	71.3	106.9

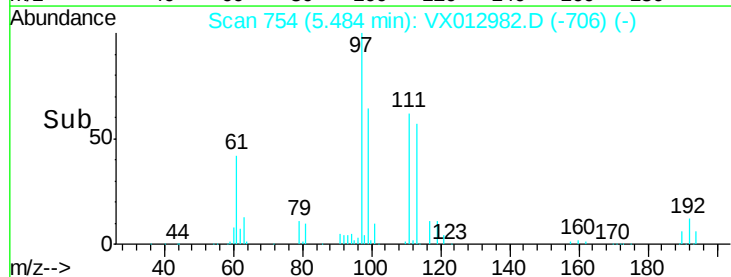
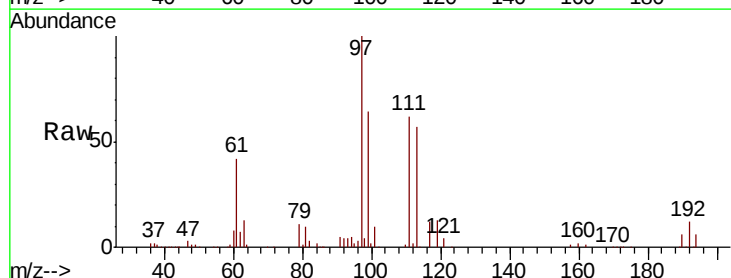
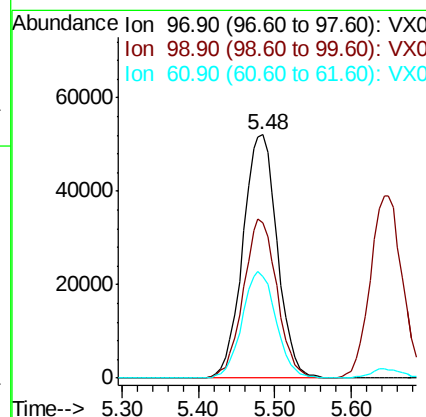
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#32
1,1,1-Trichloroethane
Concen: 52.965 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.3	78.5
61	43.4	35.0	52.4





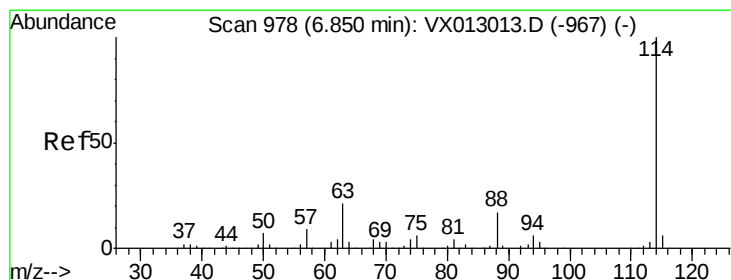
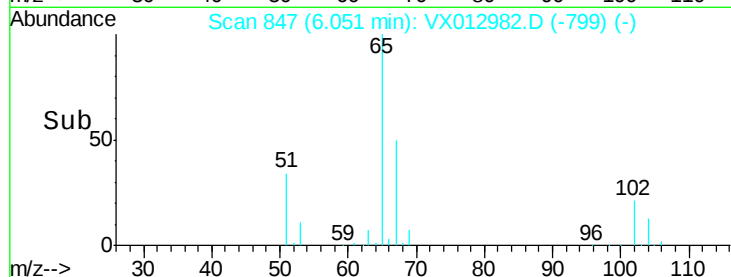
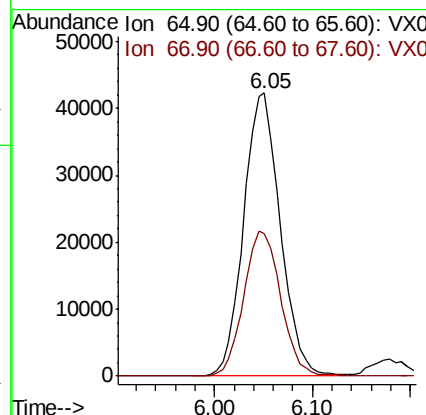
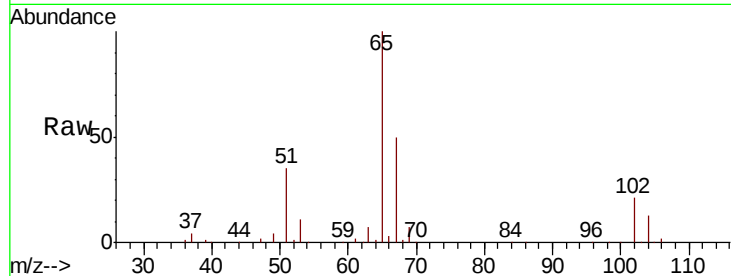
#33
 1,2-Dichloroethane-d4
 Concen: 48.329 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109765		
67	51.8	0.0	104.4	

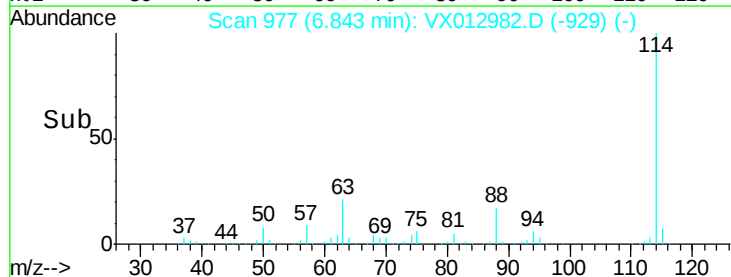
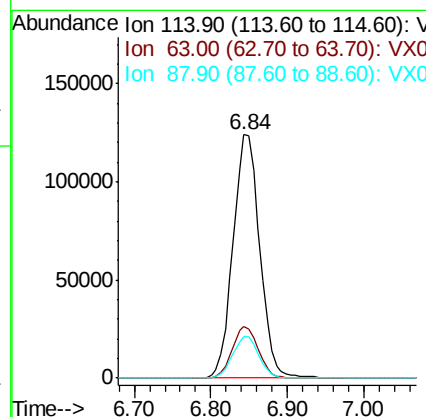
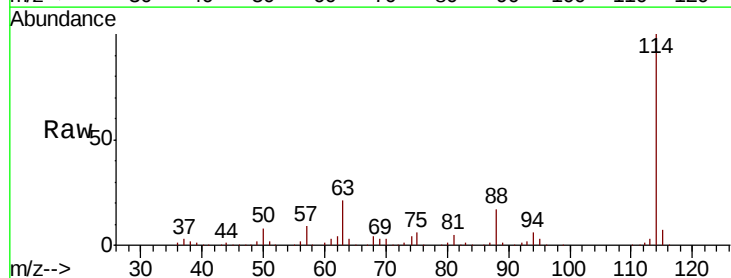
Manual Integrations
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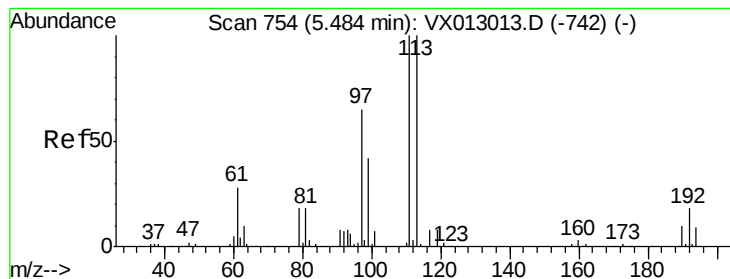
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	299783		
63	21.1	0.0	40.8	
88	17.1	0.0	33.8	





#35

Dibromofluoromethane

Concen: 49.587 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 113 Resp: 85319

Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

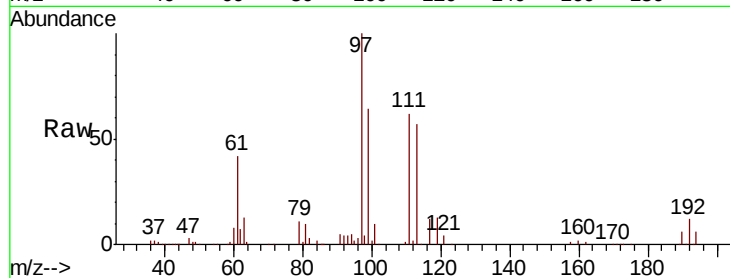
192 19.1 15.4 23.2

Manual Integrations

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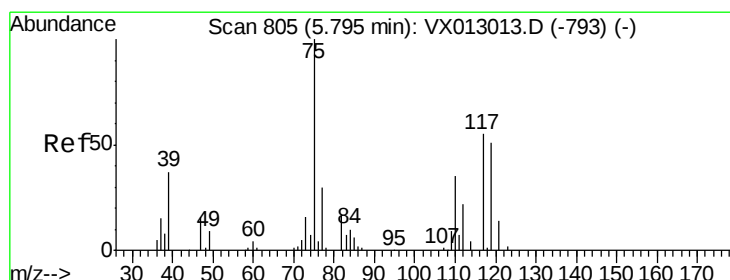
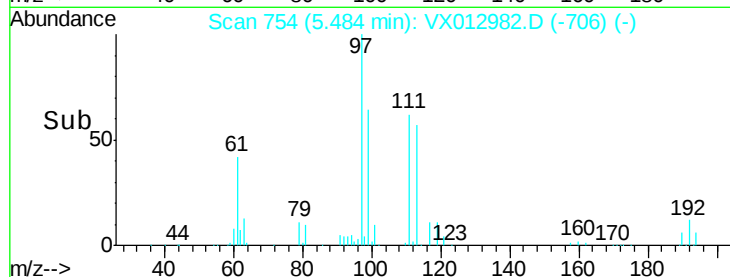
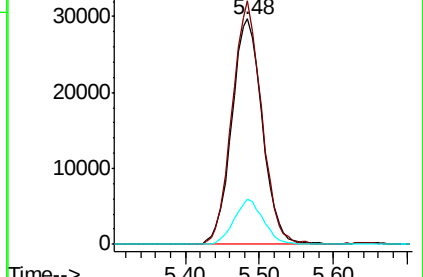
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.904 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

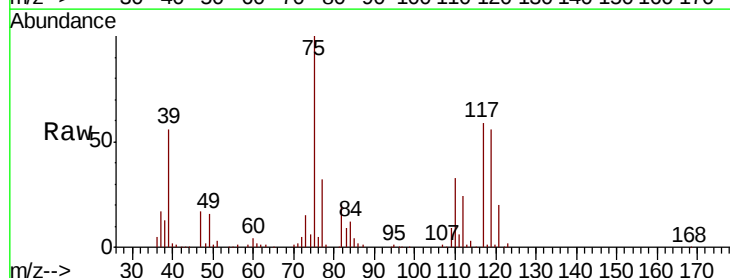
Tgt Ion: 75 Resp: 139439

Ion Ratio Lower Upper

75 100

110 35.2 17.6 52.9

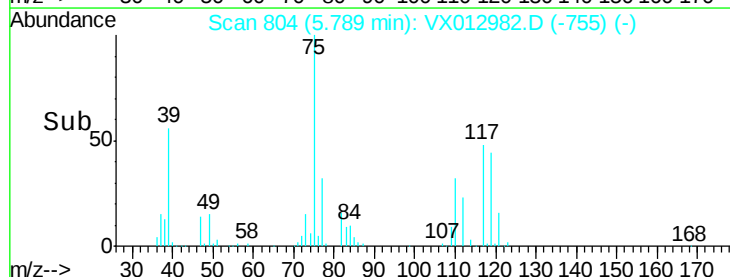
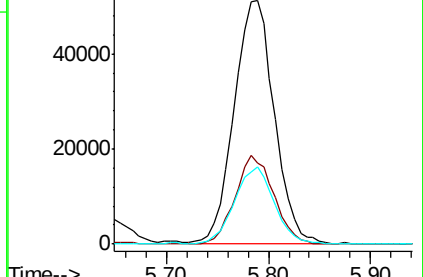
77 31.8 24.4 36.6

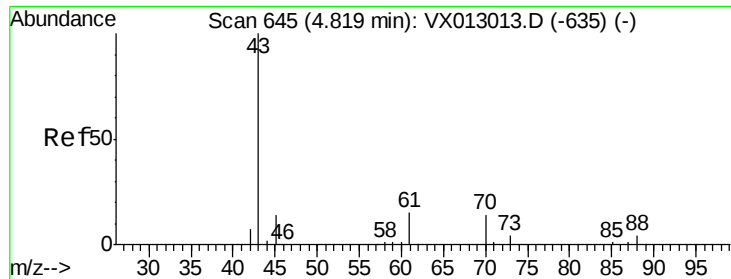


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





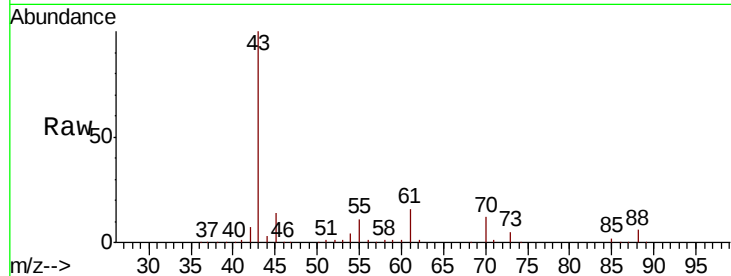
#37
Ethyl Acetate
Concen: 50.337 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

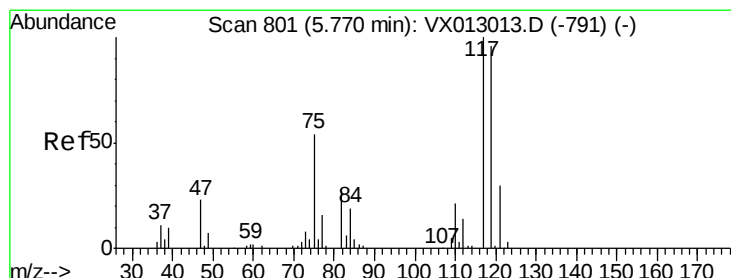
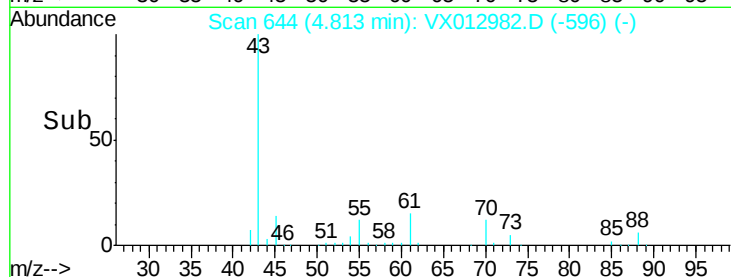
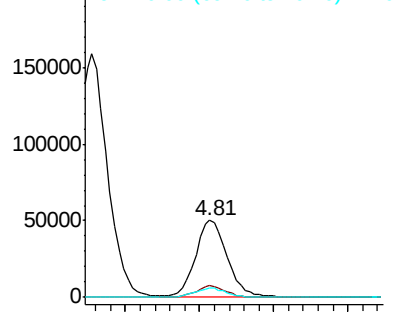
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.4	17.0
70	11.9	9.8	14.6

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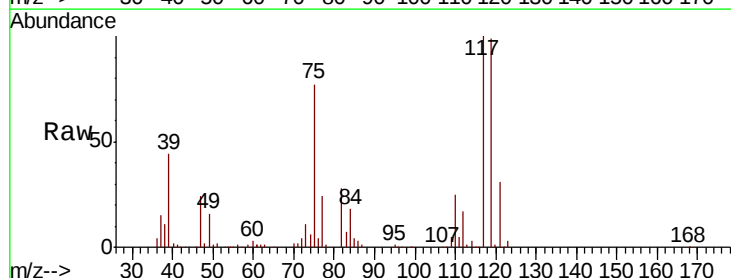


Abundance Ion 43.00 (42.70 to 43.70): VX013013.D (-635) (-)

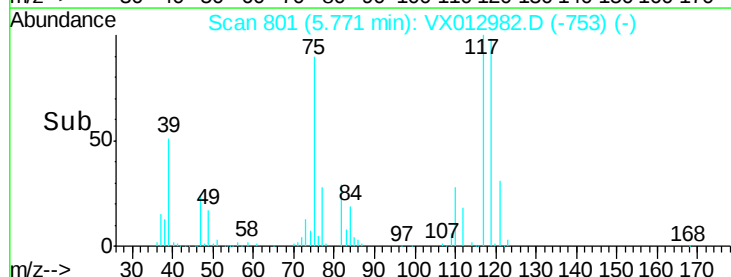
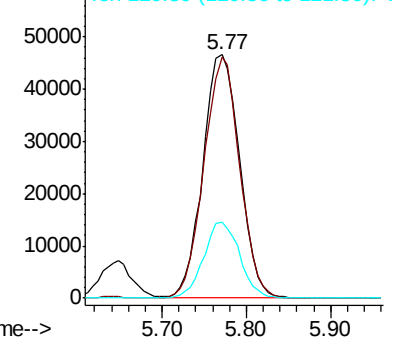


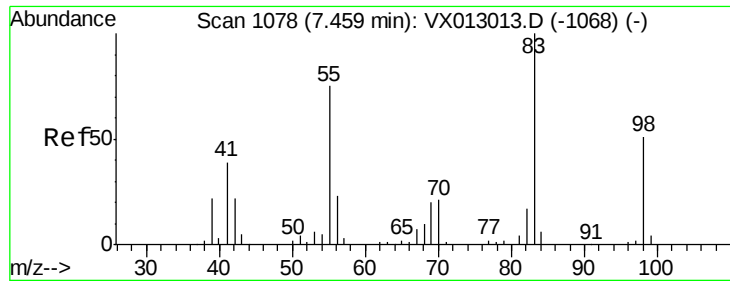
#38
Carbon Tetrachloride
Concen: 53.736 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	74.5	111.7
121	31.0	24.2	36.4



Abundance Ion 116.80 (116.50 to 117.50): VX013013.D (-791) (-)





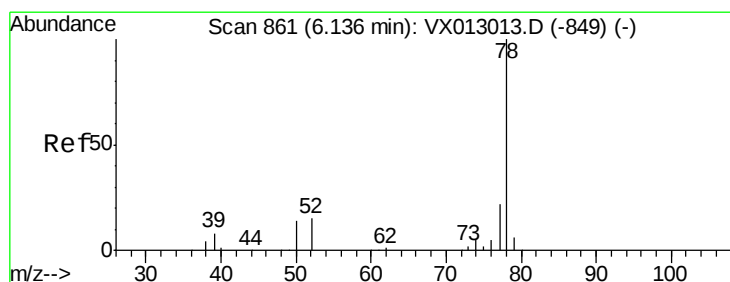
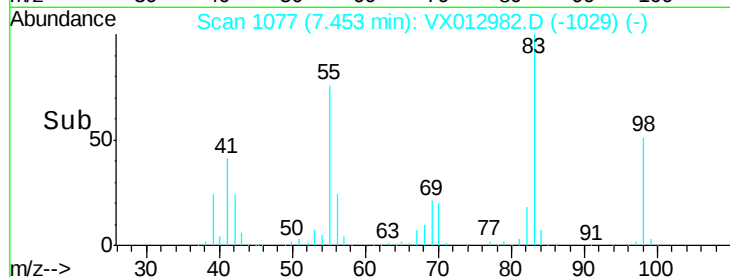
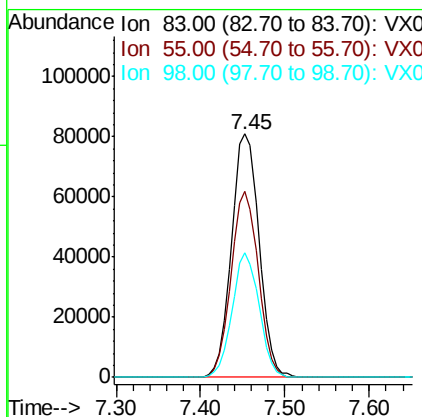
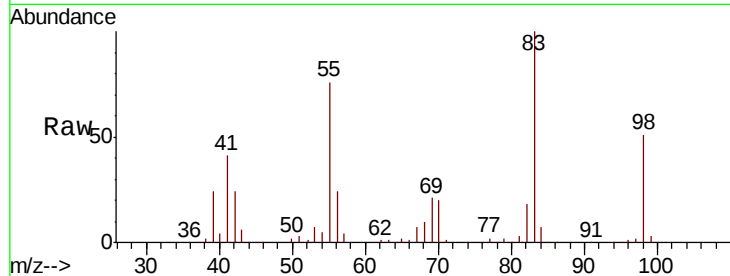
#39
Methvlcvclohexane
Concen: 56.069 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	60.2	90.4
98	51.4	38.5	57.7

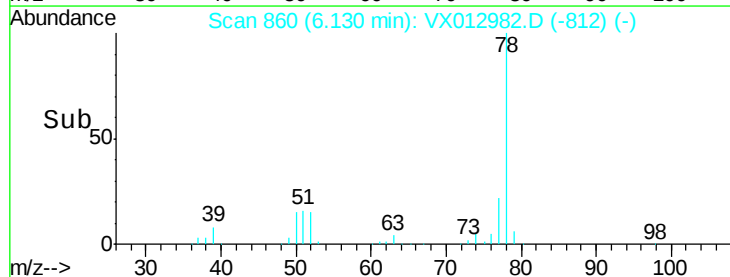
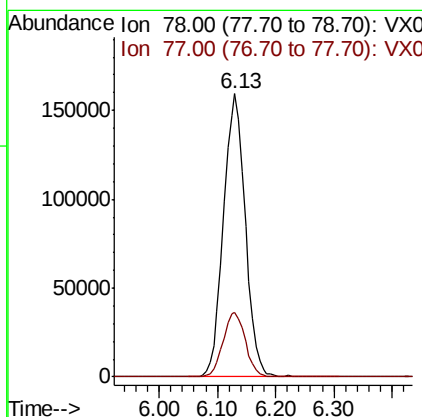
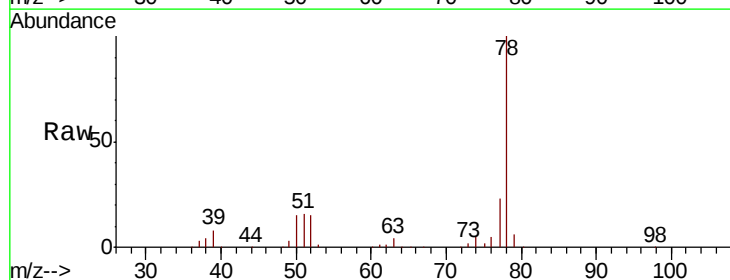
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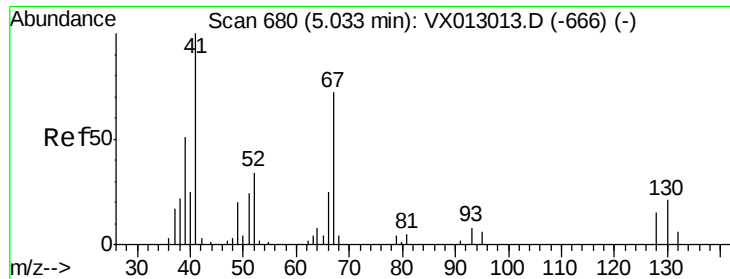
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#40
Benzene
Concen: 53.413 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.4





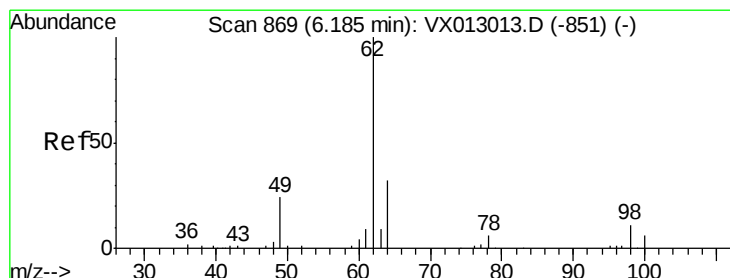
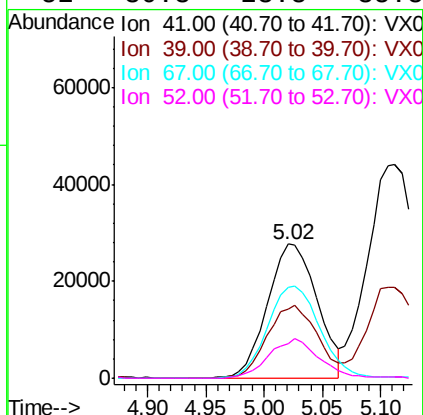
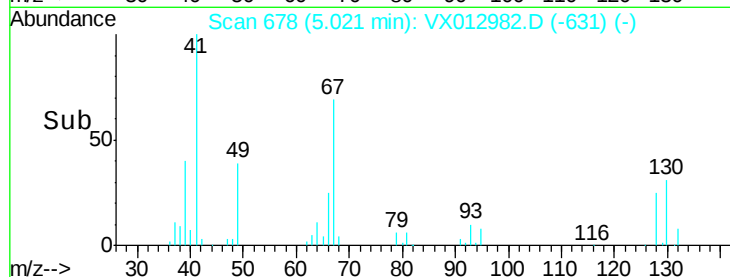
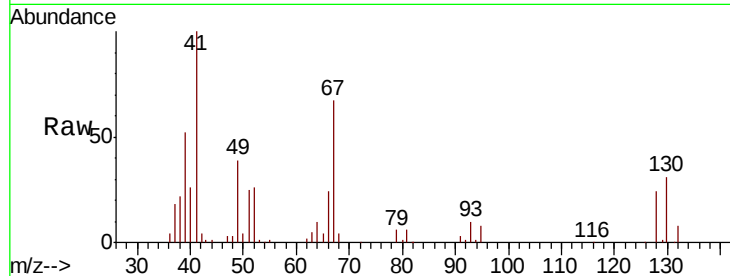
#41
Methacrylonitrile
Concen: 50.720 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	82139
Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.0	66.0
67	72.9	58.5	87.7
52	30.3	23.8	35.8

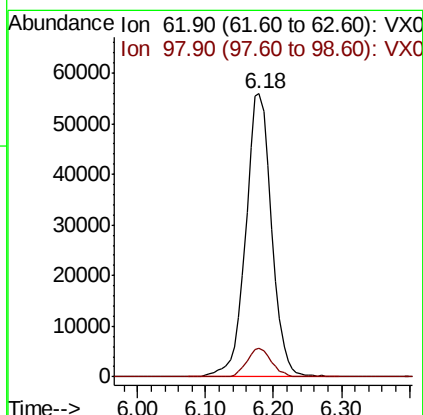
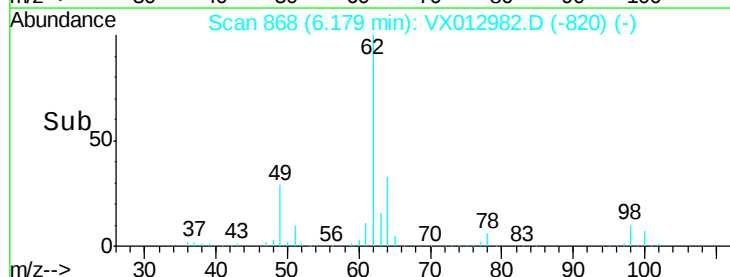
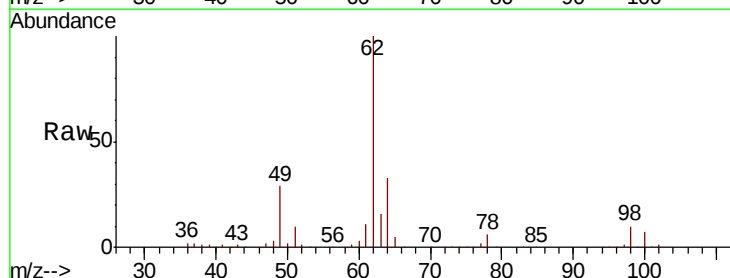
Manual Integrations
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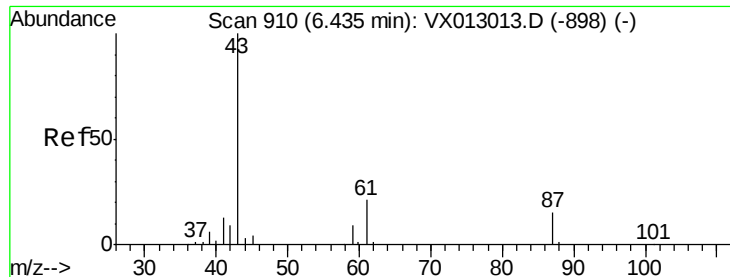
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#42
1,2-Dichloroethane
Concen: 53.017 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion:	62	Resp:	148095
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.4





#43

Isopropyl Acetate

Concen: 51.916 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

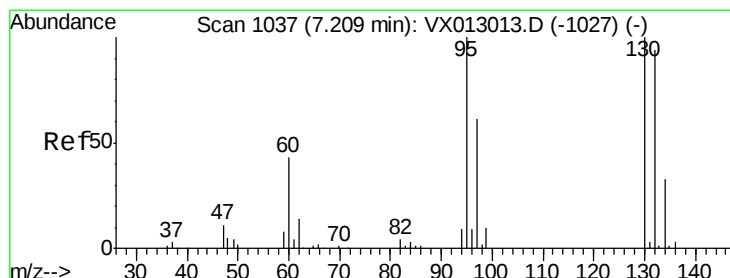
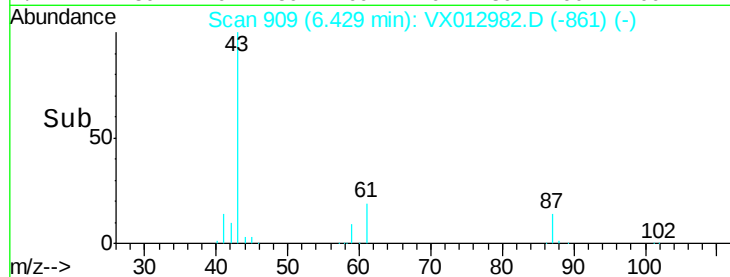
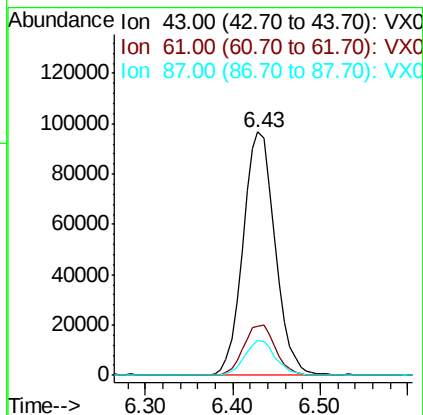
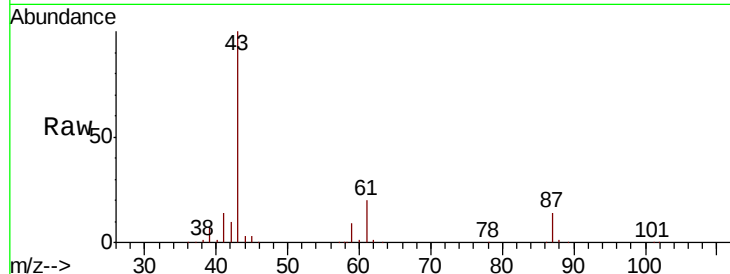
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	245585
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.6	24.8
87	13.8	11.0	16.6

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#44

Trichloroethene

Concen: 50.440 ug/l

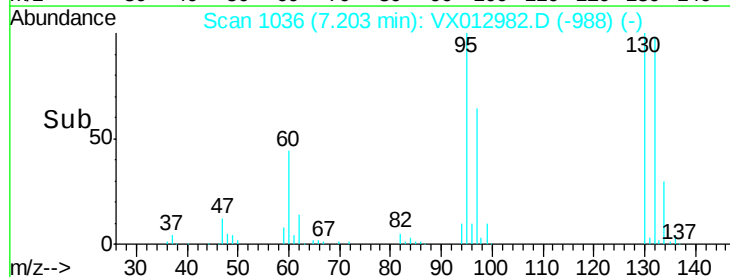
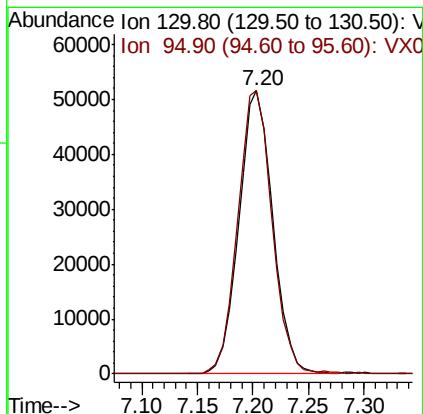
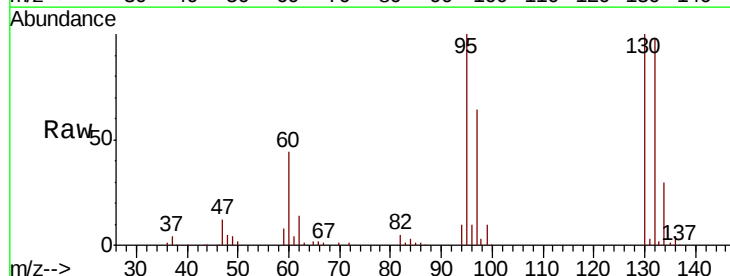
RT: 7.20 min Scan# 1036

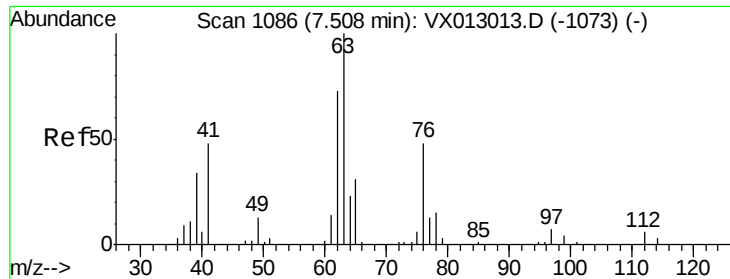
Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Tgt Ion:	130	Resp:	108885
Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	189.2





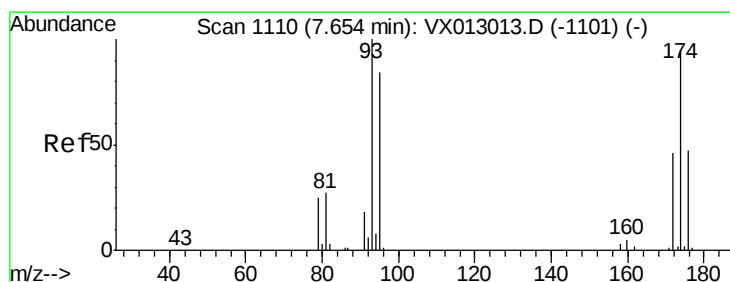
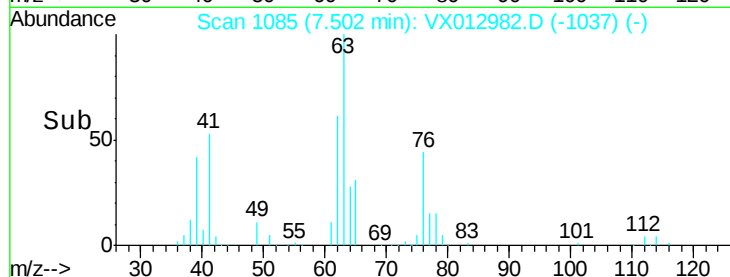
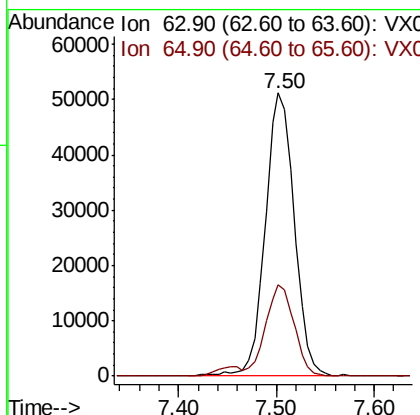
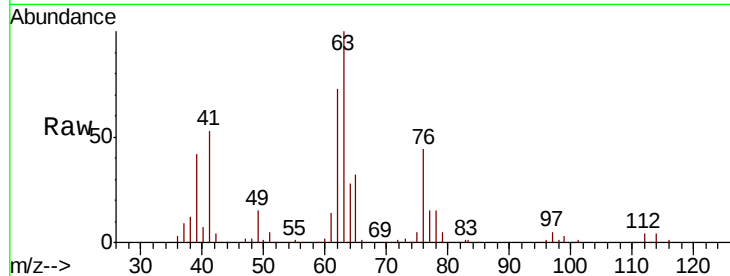
#45
 1,2-Dichloropropane
 Concen: 53.345 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 105839
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.6 37.0

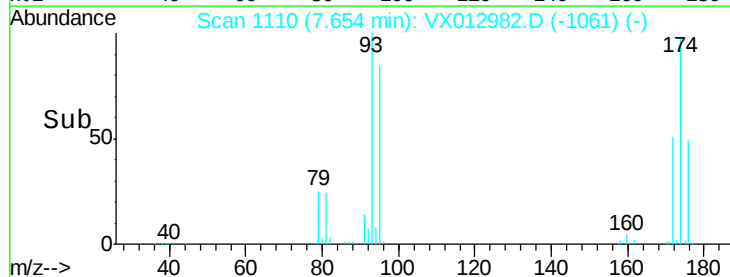
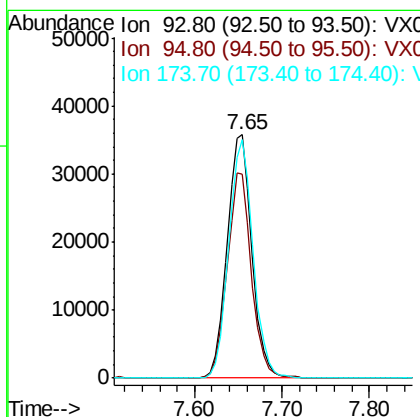
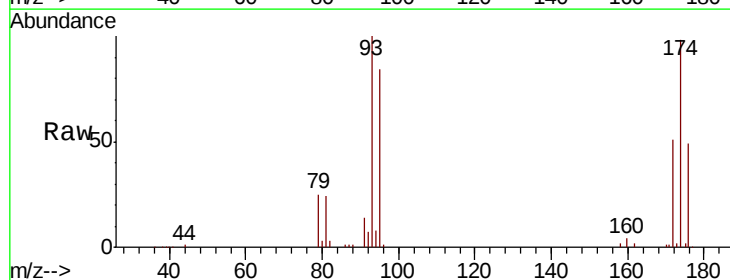
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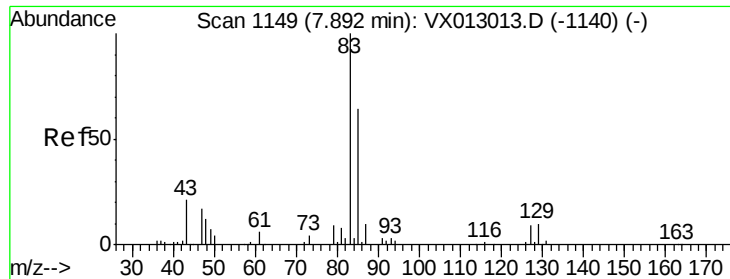
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#46
 Dibromomethane
 Concen: 53.034 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion: 93 Resp: 70105
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.3 99.5
 174 96.7 77.8 116.6





#47

Bromodichloromethane

Concen: 54.694 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

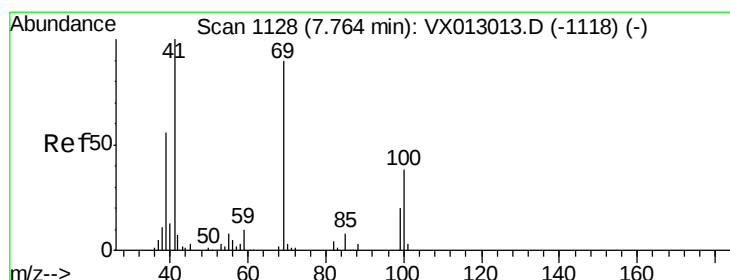
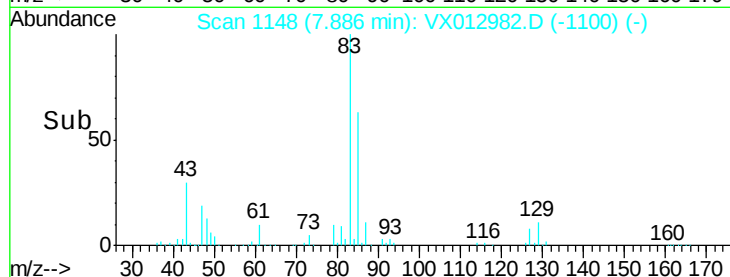
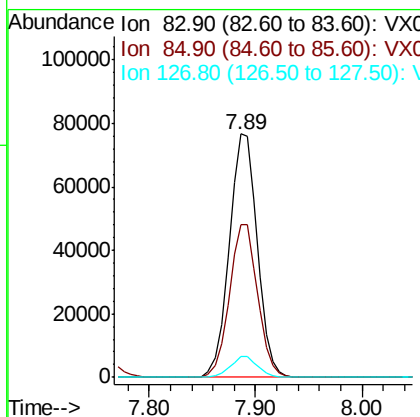
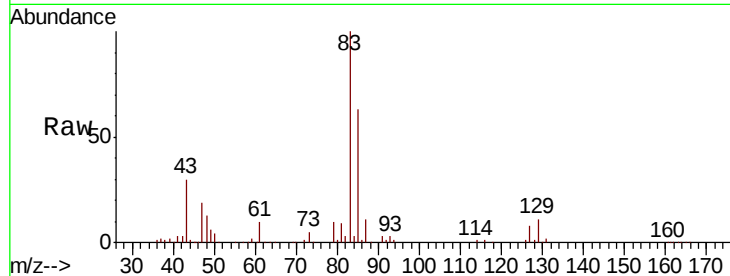
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	141092
Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.4	78.6
127	8.4	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.548 ug/l

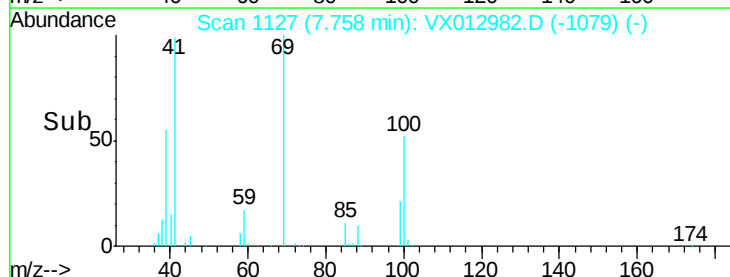
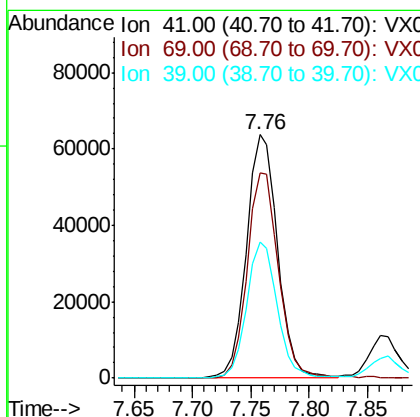
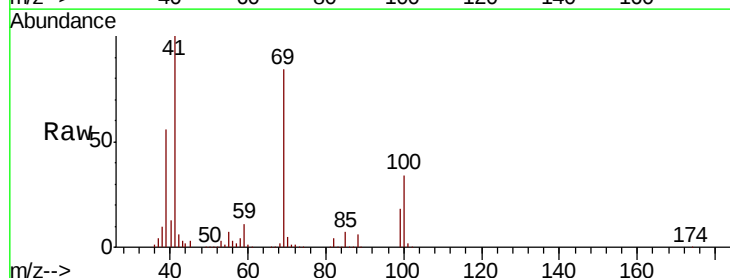
RT: 7.76 min Scan# 1127

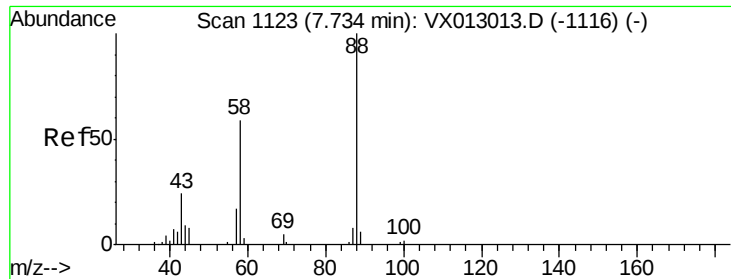
Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Tgt Ion:	41	Resp:	118827
Ion	Ratio	Lower	Upper
41	100		
69	85.0	68.7	103.1
39	55.1	44.3	66.5





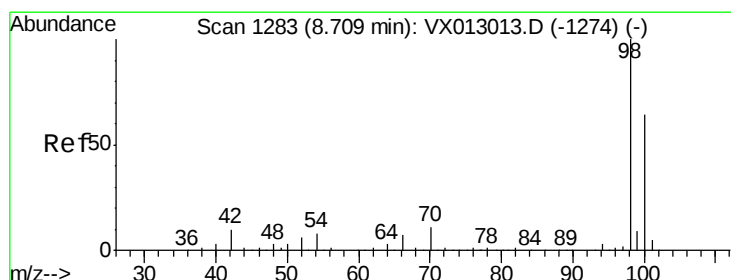
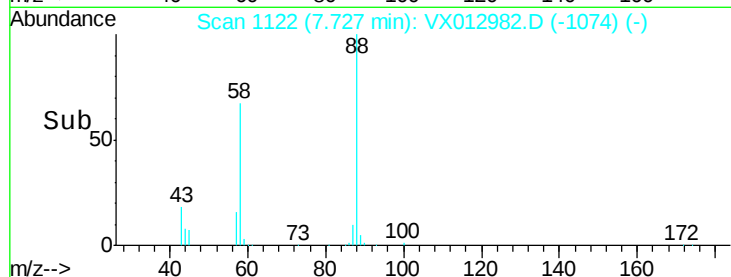
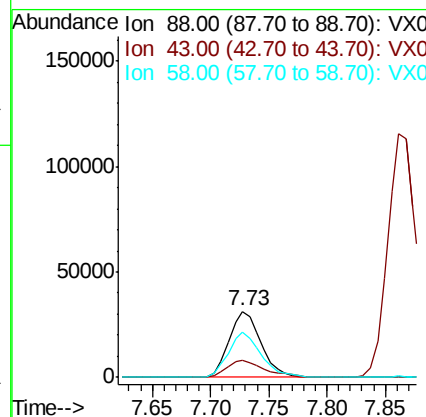
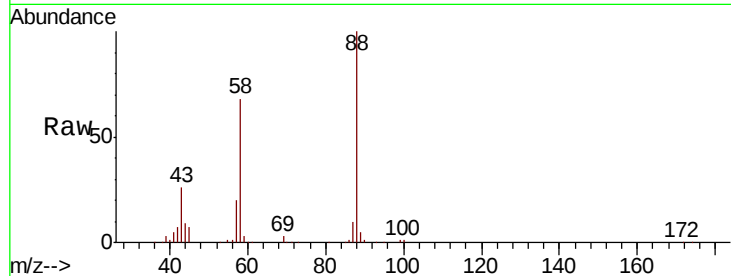
#49
 1,4-Dioxane
 Concen: 963.287 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	25.0	37.6
58	70.1	55.4	83.2

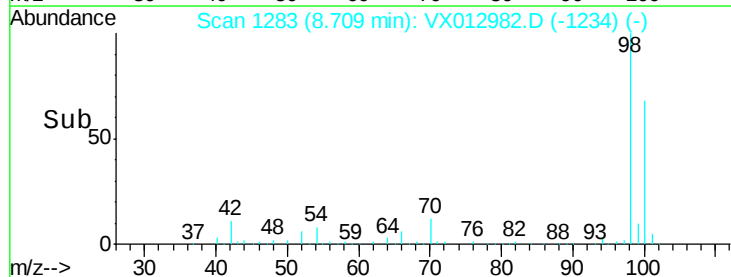
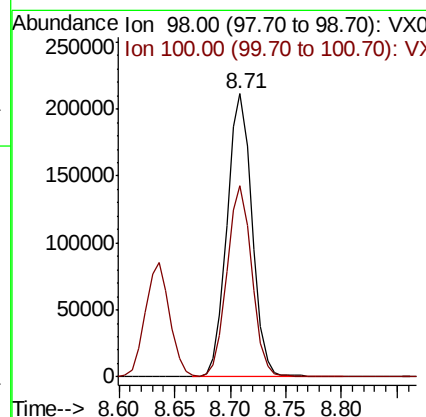
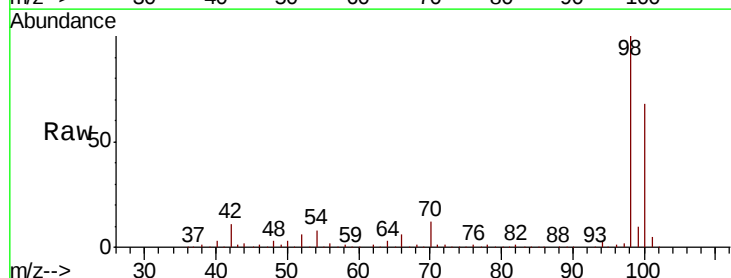
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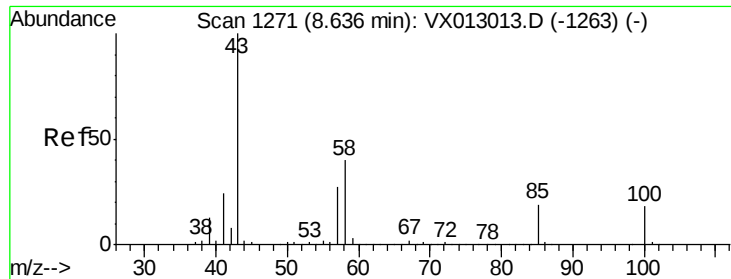
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#50
 Toluene-d8
 Concen: 49.222 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 257.066 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 758164

Ion Ratio Lower Upper

43 100

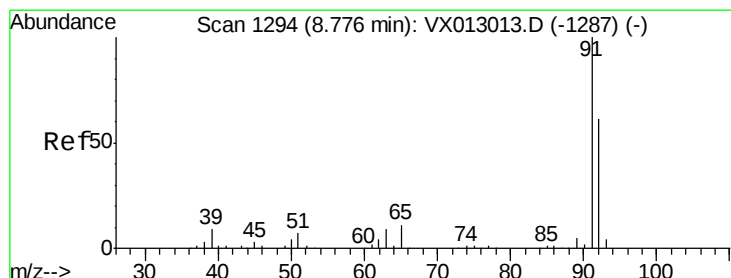
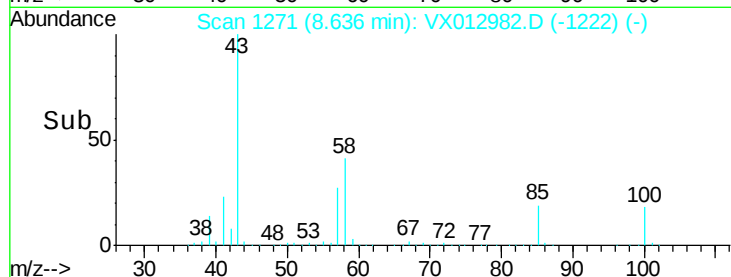
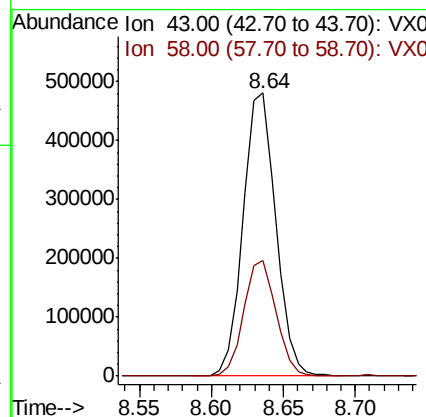
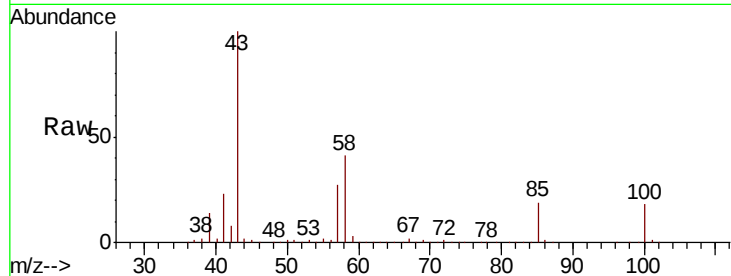
58 40.4 32.4 48.6

Manual Integrations

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#52

Toluene

Concen: 53.012 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012982.D

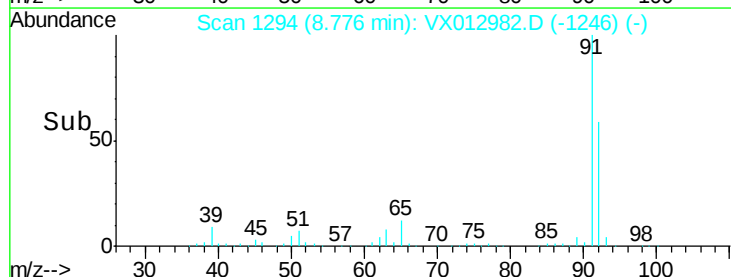
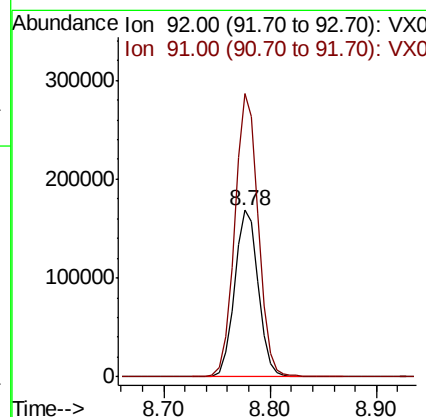
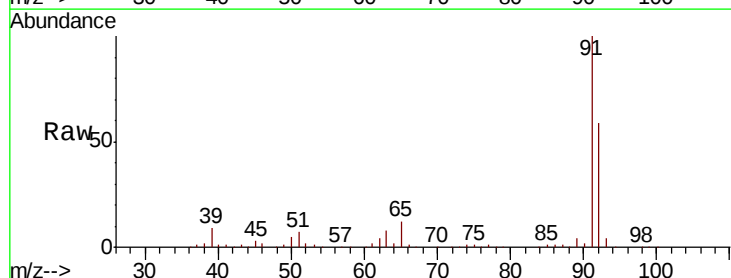
Acq: 10 Oct 2019 09:31

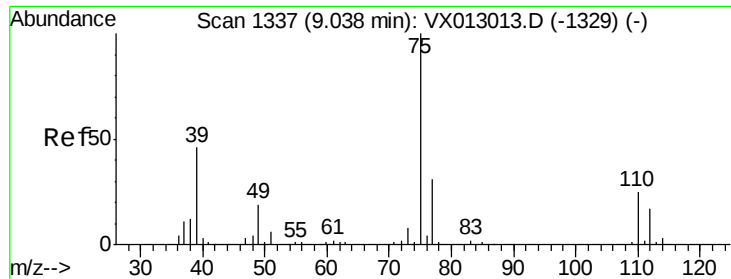
Tgt Ion: 92 Resp: 264011

Ion Ratio Lower Upper

92 100

91 168.8 135.9 203.9





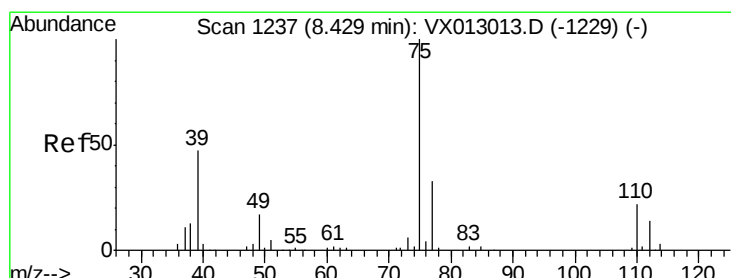
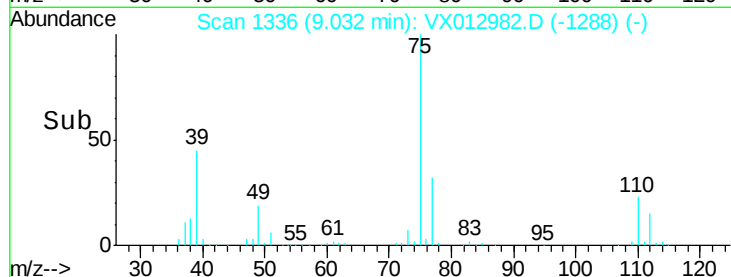
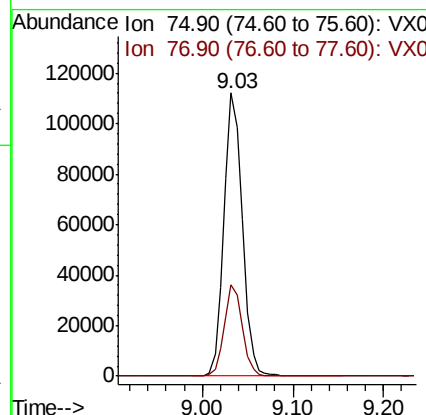
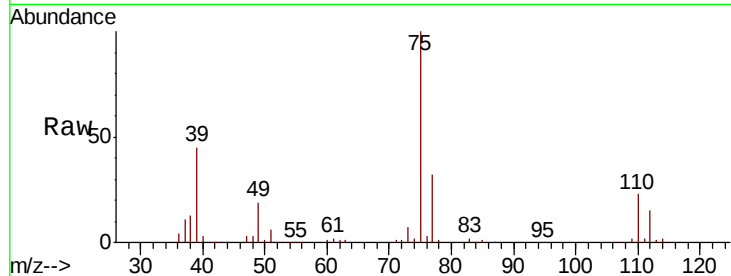
#53
t-1,3-Dichloropropene
Concen: 49.542 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 159426
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6

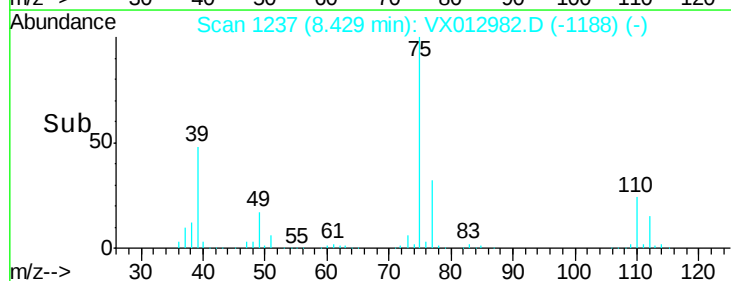
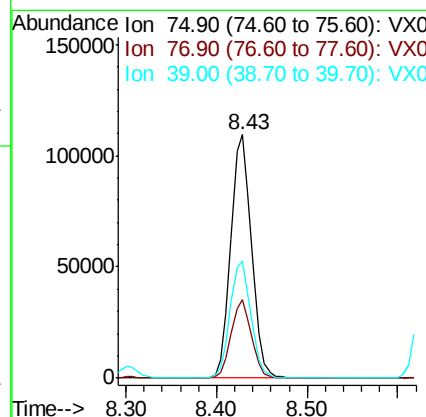
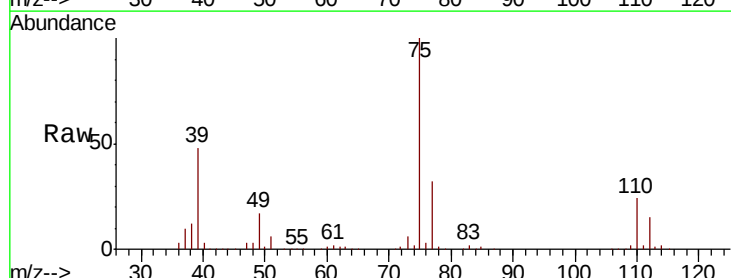
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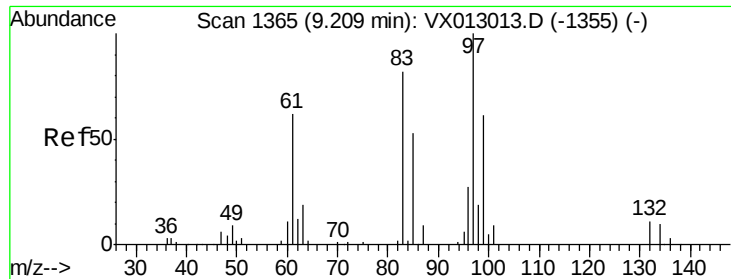
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#54
cis-1,3-Dichloropropene
Concen: 54.754 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion: 75 Resp: 173721
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
39 47.8 38.2 57.2





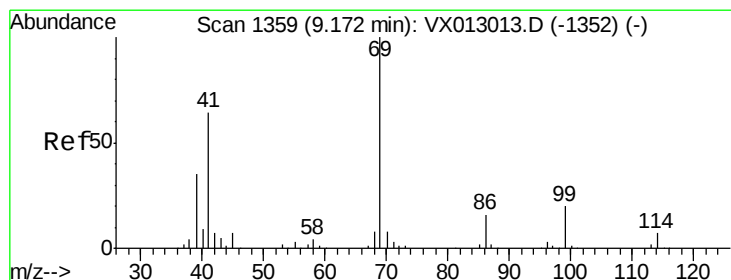
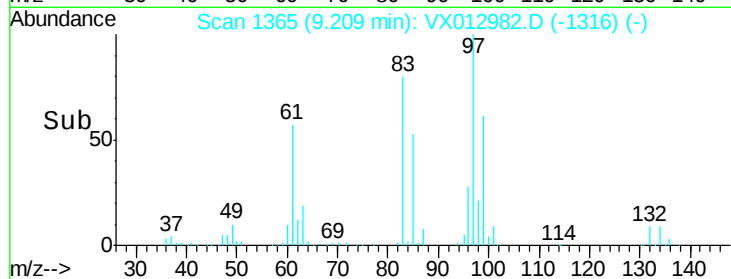
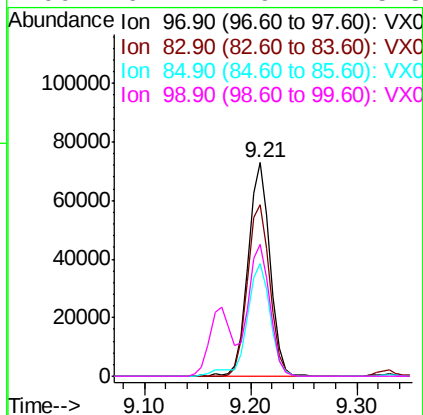
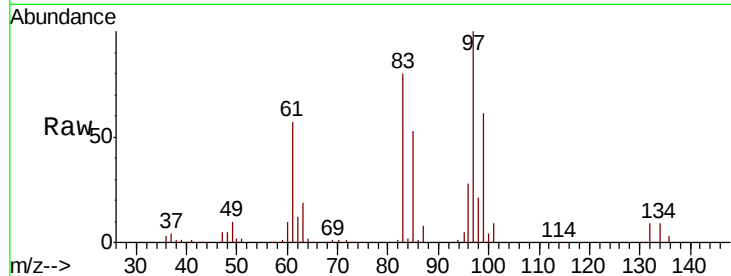
#55
 1,1,2-Trichloroethane
 Concen: 53.418 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	105281
Ion	Ratio	Lower	Upper
97	100		
83	80.3	66.5	99.7
85	52.8	43.1	64.7
99	61.4	49.2	73.8

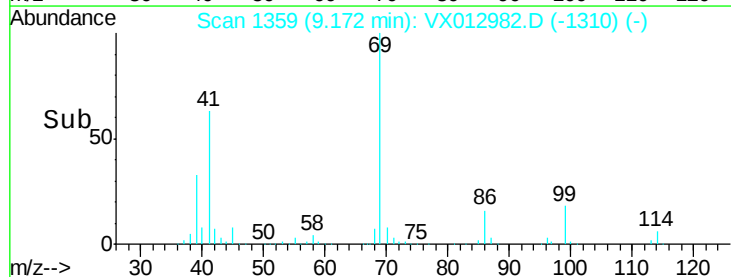
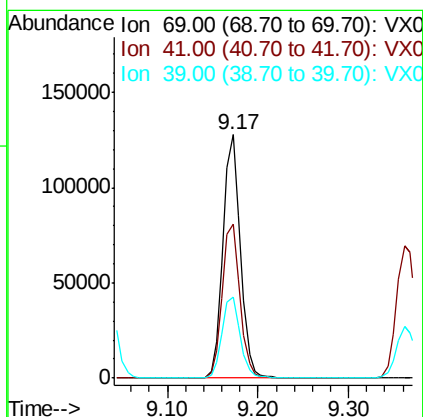
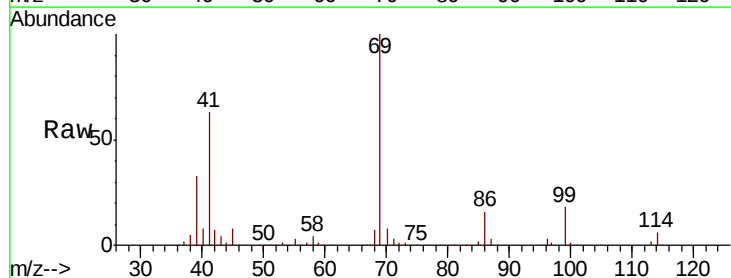
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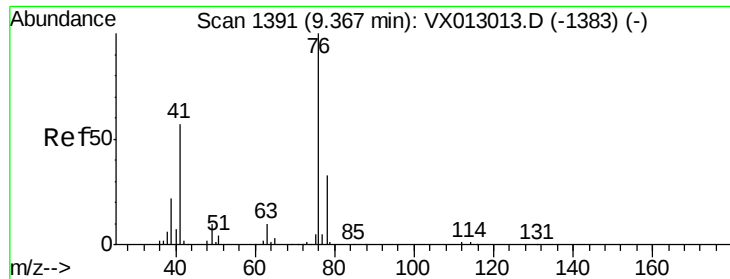
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#56
 Ethyl methacrylate
 Concen: 48.633 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion:	69	Resp:	171457
Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.1	78.1
39	34.9	27.8	41.8





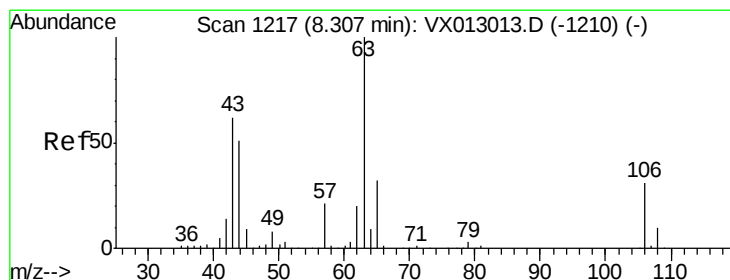
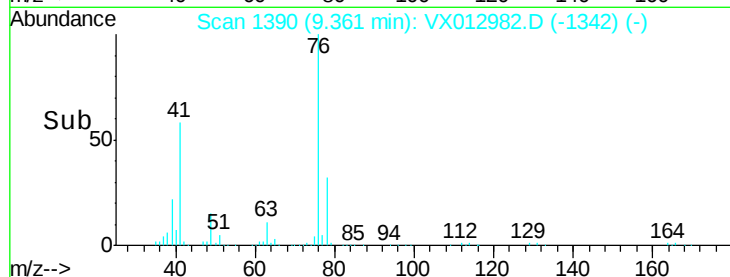
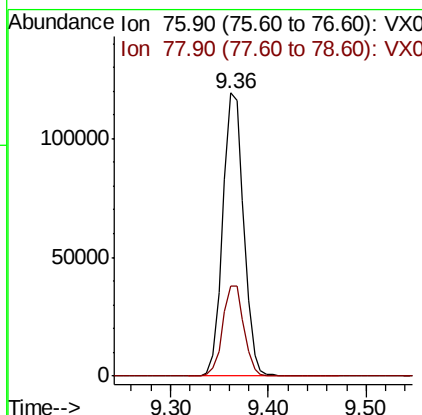
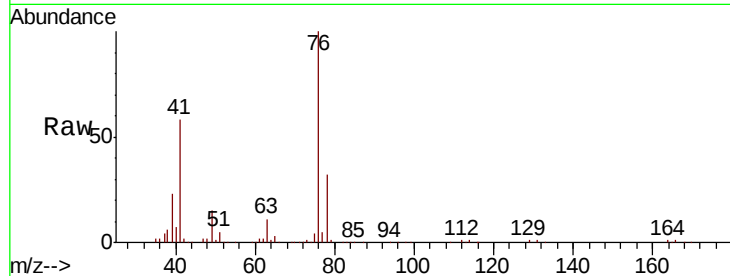
#57
 1,3-Dichloropropane
 Concen: 52.057 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 177479
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1

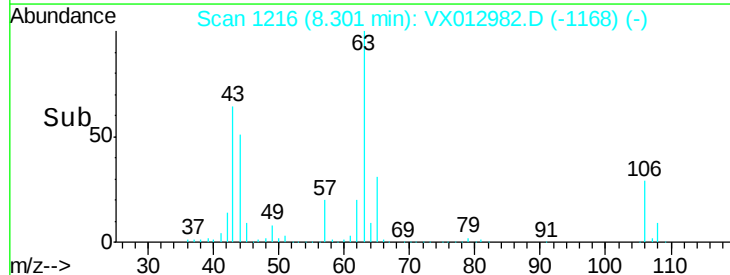
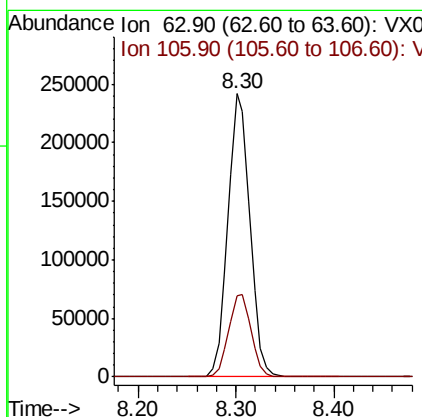
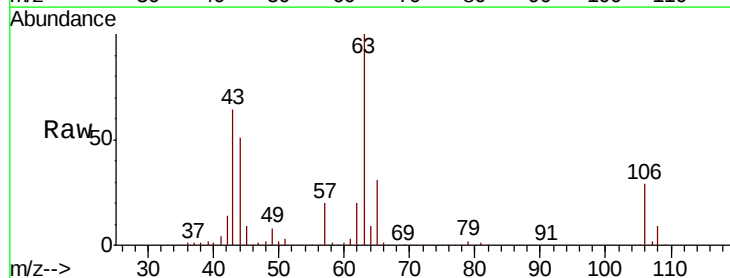
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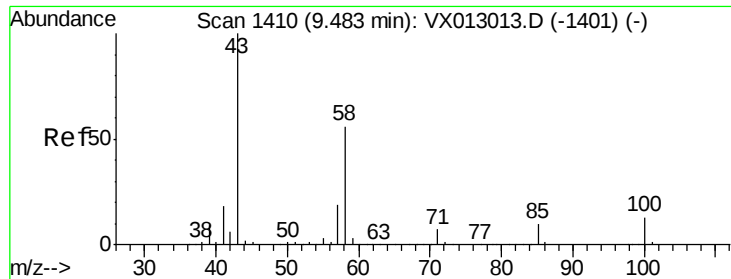
MMDadoda
 10/14/2019 1:04:38 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.795 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion: 63 Resp: 377596
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.8 35.8





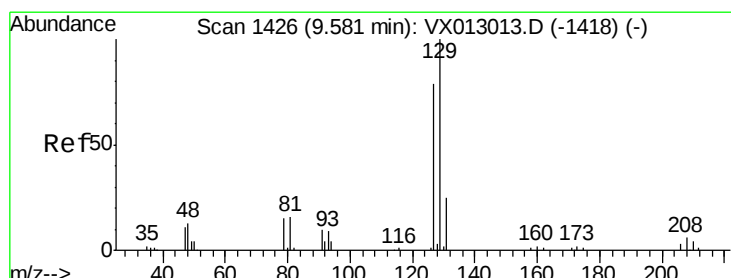
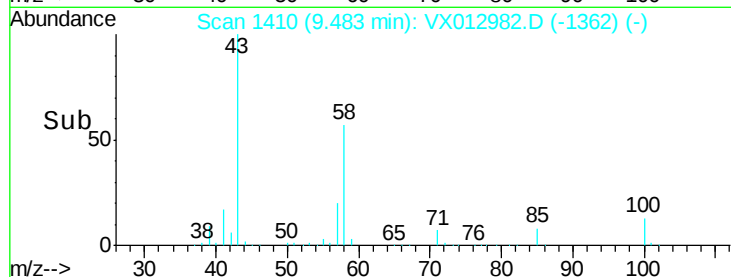
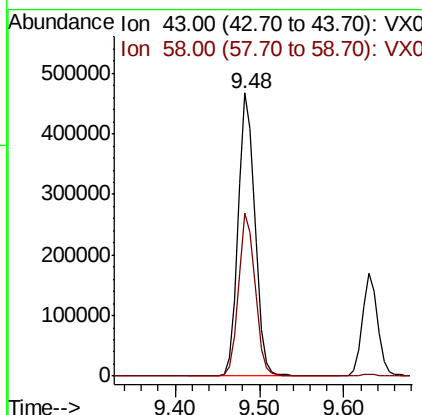
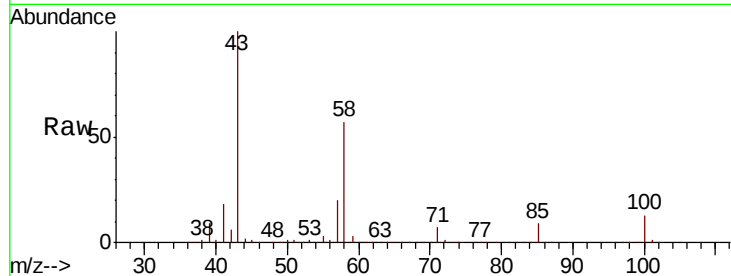
#59
2-Hexanone
Concen: 271.731 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 623850
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3

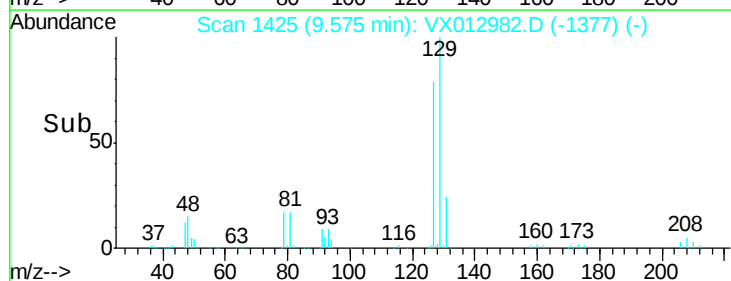
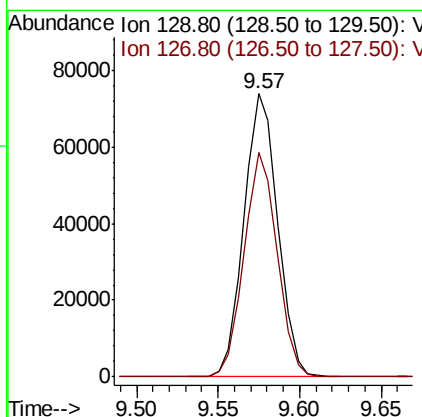
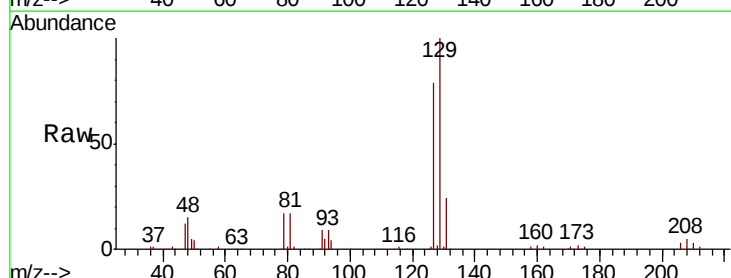
Manual Integrations
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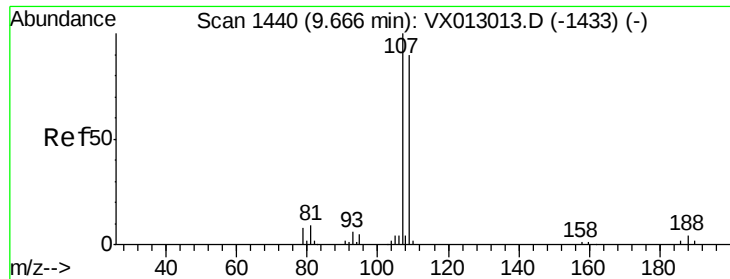
MMDadoda
10/14/2019 1:04:38 PM



#60
Dibromochloromethane
Concen: 48.729 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion: 129 Resp: 106768
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.020 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 109925

Ion Ratio Lower Upper

107 100

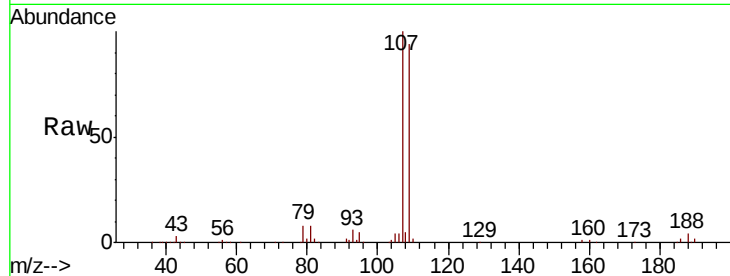
109 93.6 75.8 113.6

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

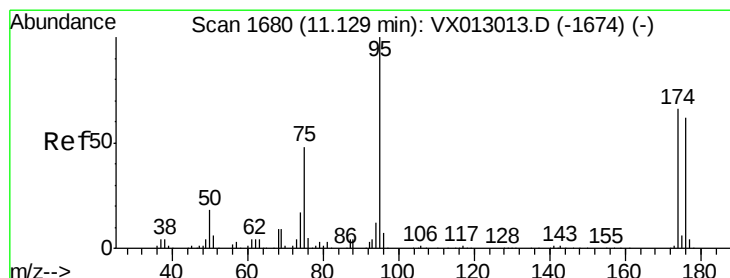
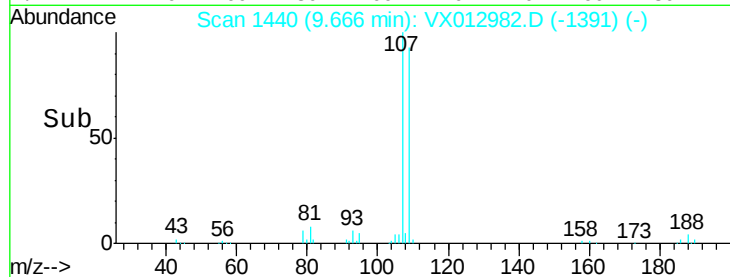
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.632 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

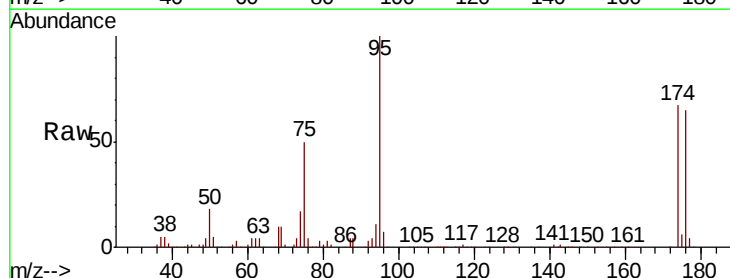
Tgt Ion: 95 Resp: 129416

Ion Ratio Lower Upper

95 100

174 72.3 0.0 143.4

176 70.0 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

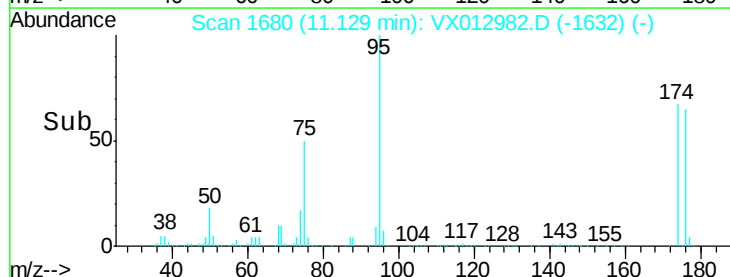
100000

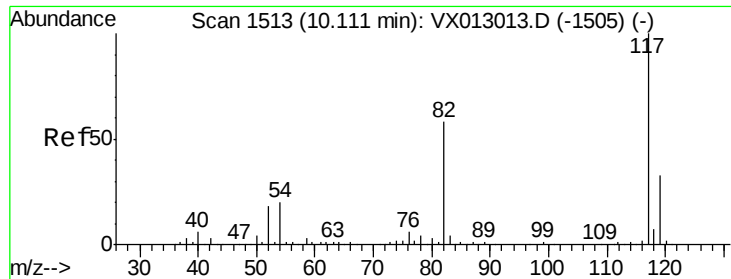
50000

0

11.10 11.20

Time-->





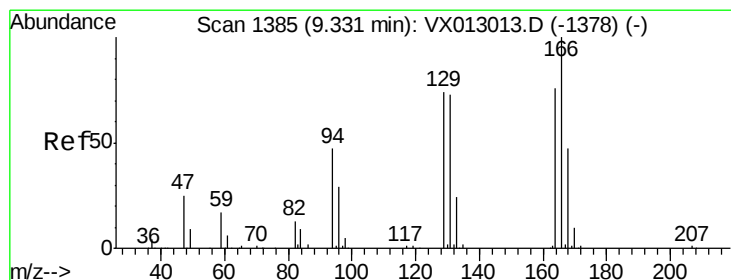
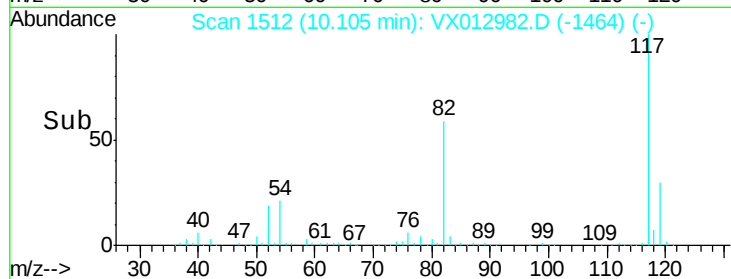
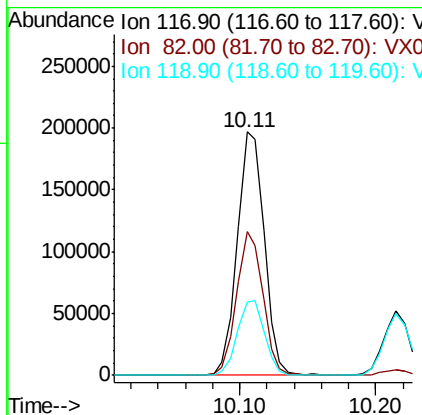
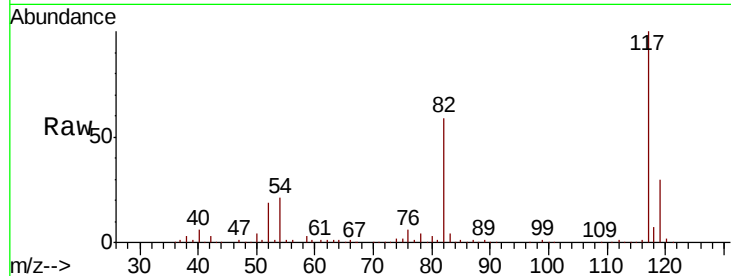
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	44.1	66.1
119	30.4	25.8	38.8

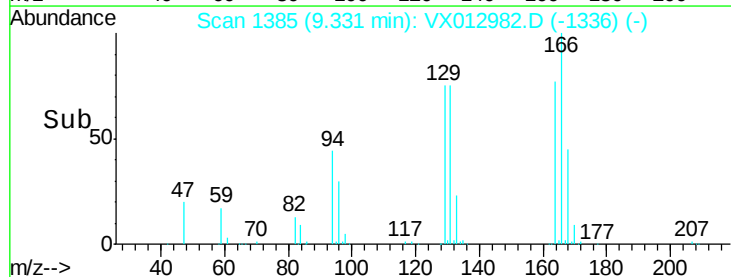
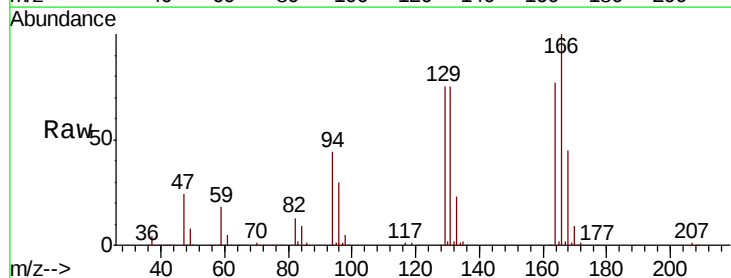
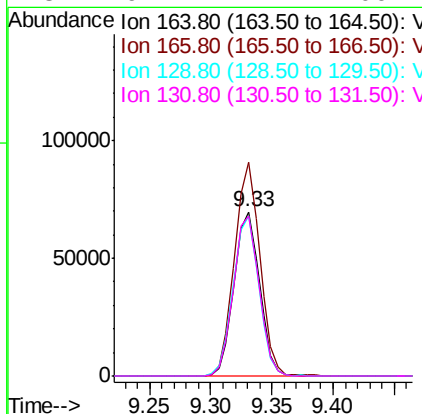
Manual Integrations
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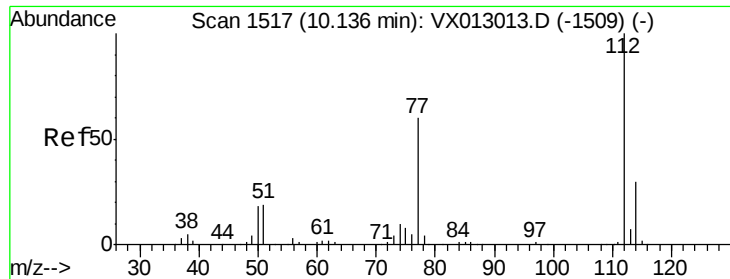
MMDadoda
10/14/2019 1:04:38 PM



#64
Tetrachloroethene
Concen: 53.222 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	96.9	145.3
129	97.4	77.9	116.9
131	97.4	72.7	109.1





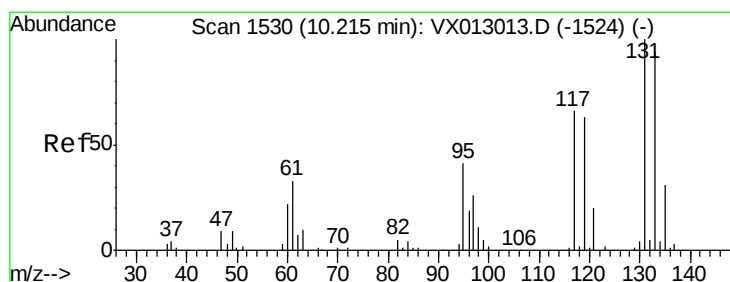
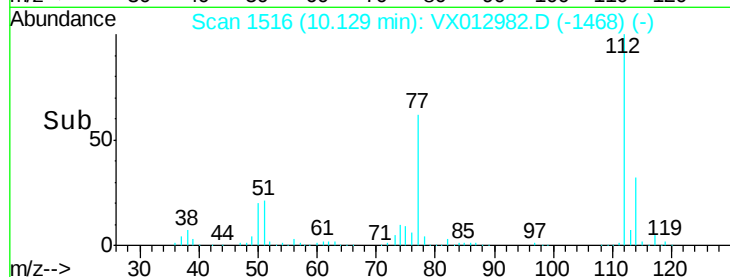
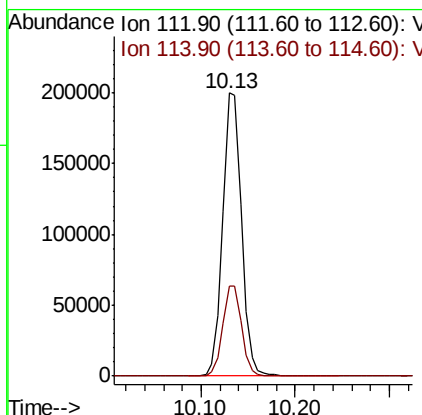
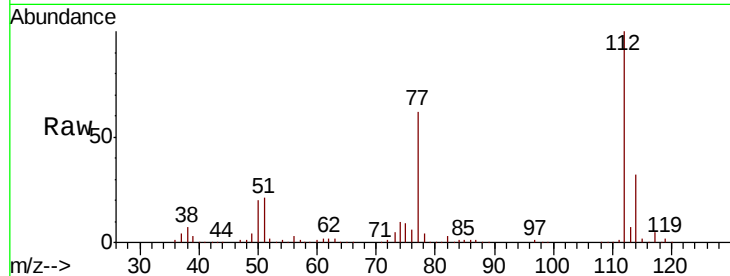
#65
Chlorobenzene
Concen: 51.224 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 277448
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

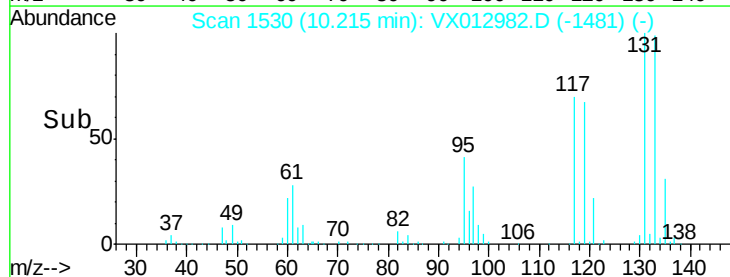
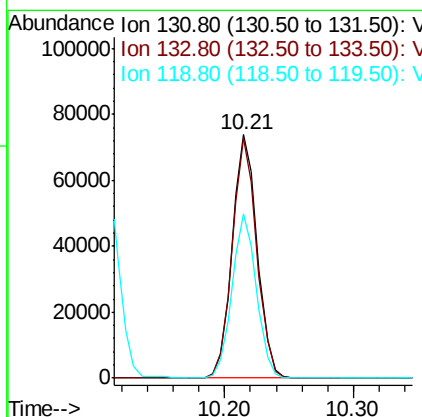
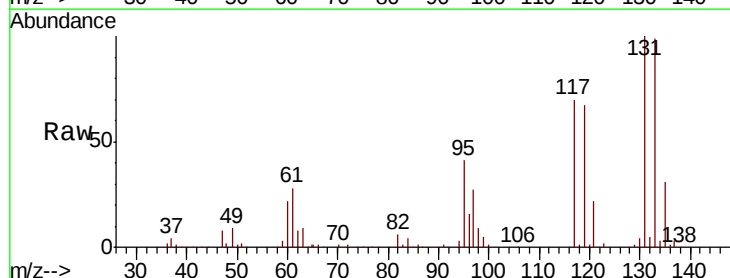
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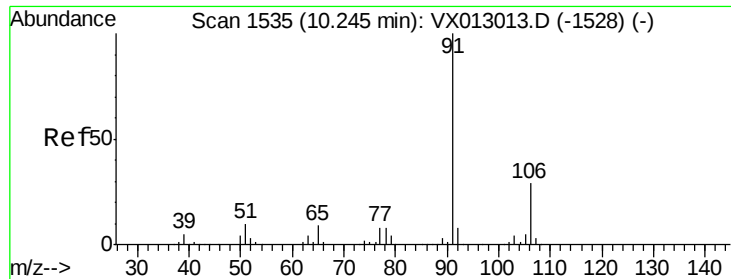
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.177 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion:131 Resp: 99865
Ion Ratio Lower Upper
131 100
133 97.0 47.2 141.6
119 65.9 32.6 98.0





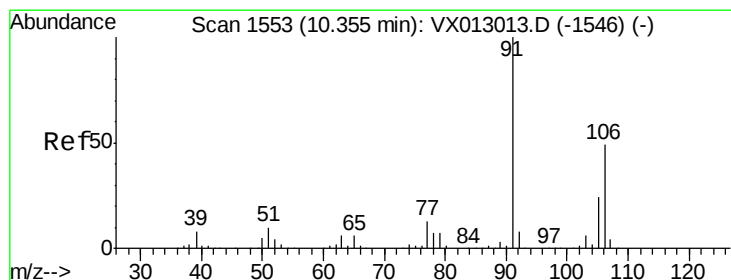
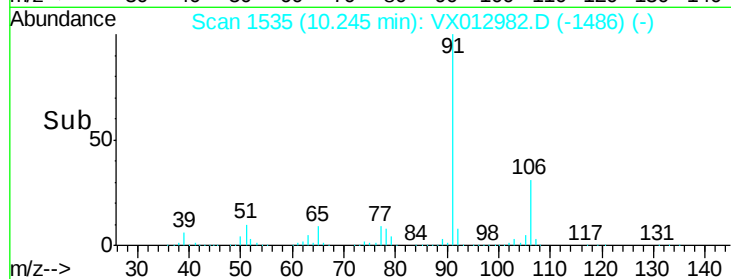
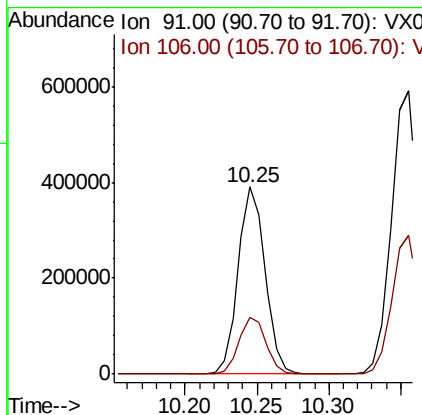
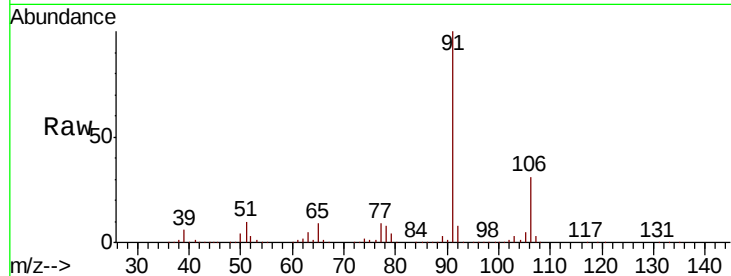
#67
Ethyl Benzene
Concen: 53.176 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 511602
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9

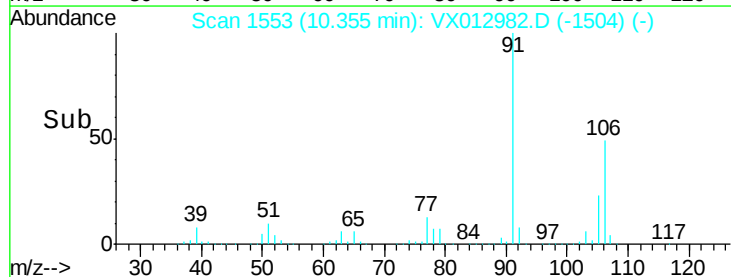
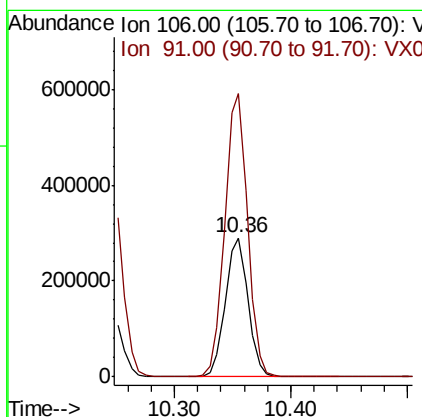
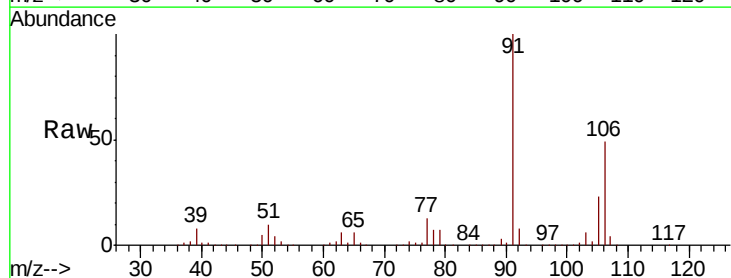
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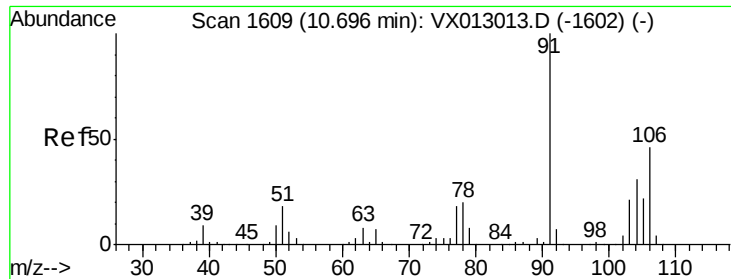
MMDadoda
10/14/2019 1:04:38 PM



#68
m/p-Xylenes
Concen: 108.326 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion: 106 Resp: 389348
Ion Ratio Lower Upper
106 100
91 204.9 165.3 247.9





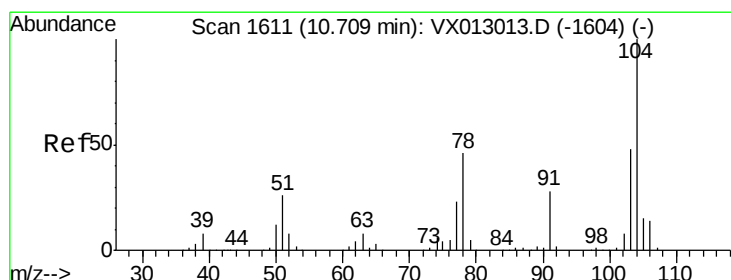
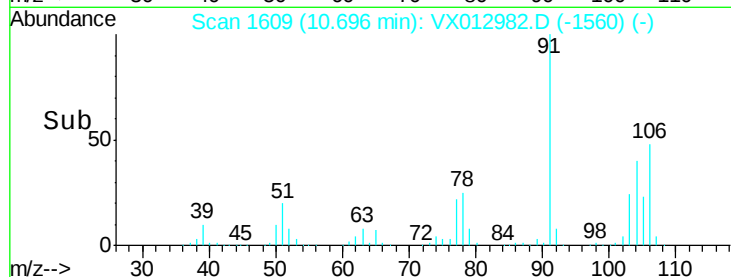
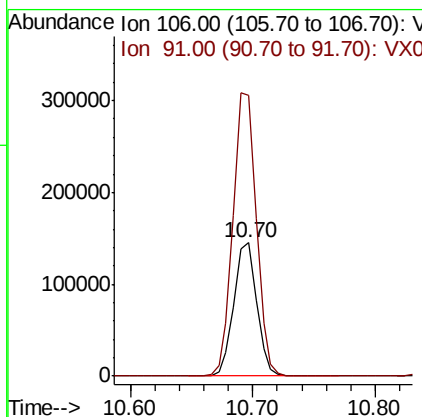
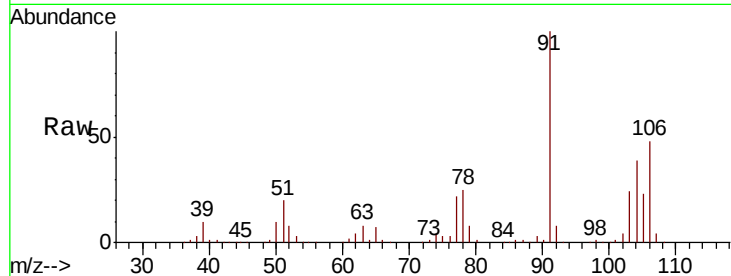
#69
o-Xylene
Concen: 53.403 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 187178
Ion Ratio Lower Upper
106 100
91 216.4 109.1 327.3

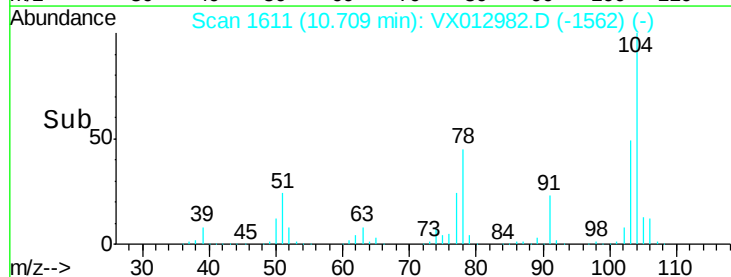
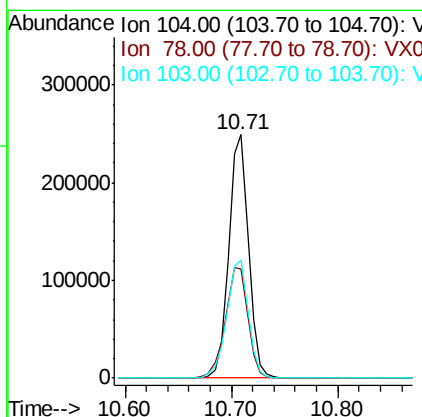
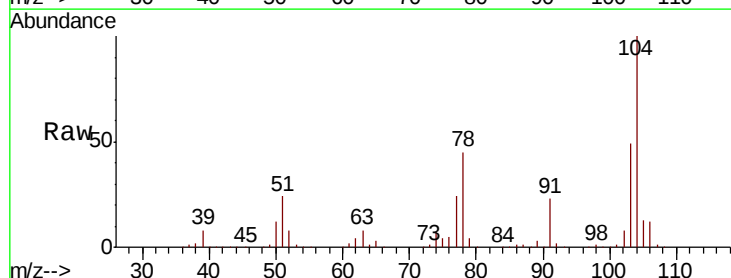
Manual Integrations
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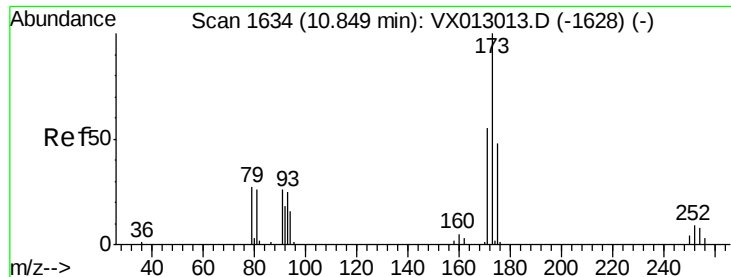
MMDadoda
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#70
Styrene
Concen: 54.311 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion:104 Resp: 323616
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 53.8 43.0 64.4





#71

Bromoform

Concen: 45.679 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

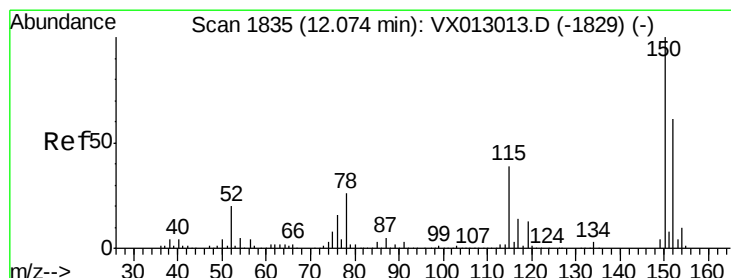
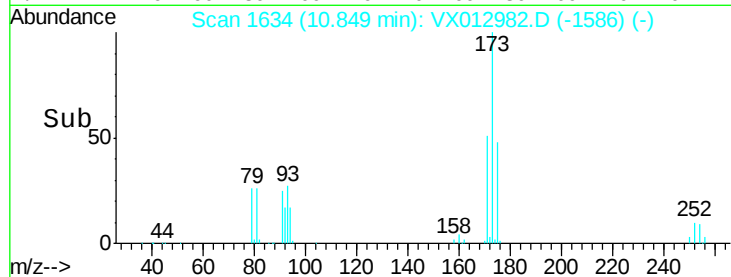
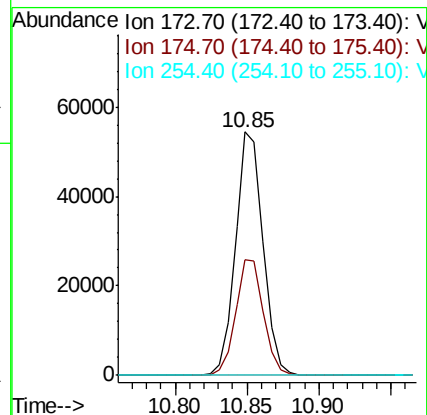
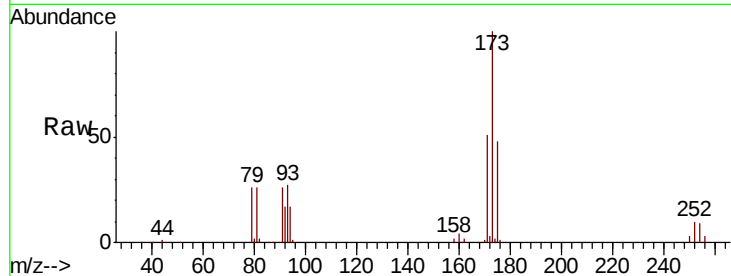
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.3
254	0.2	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

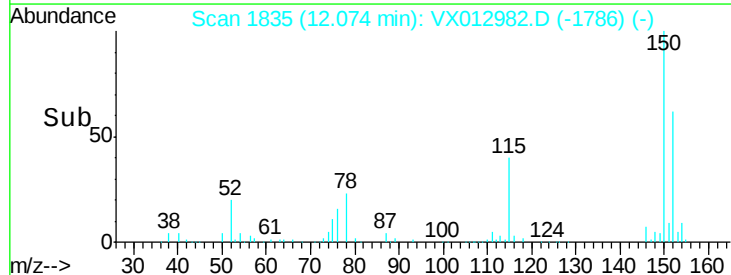
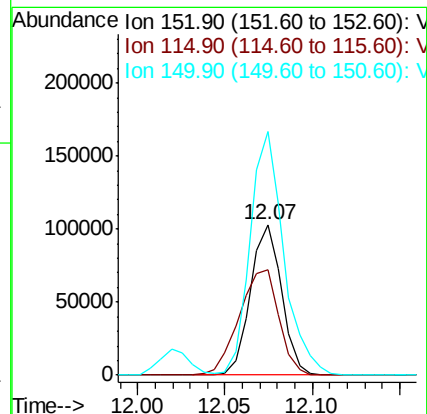
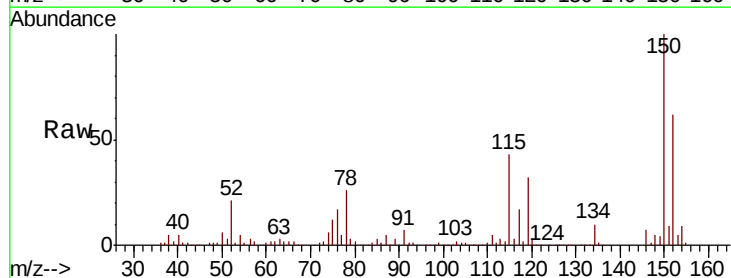
RT: 12.07 min Scan# 1835

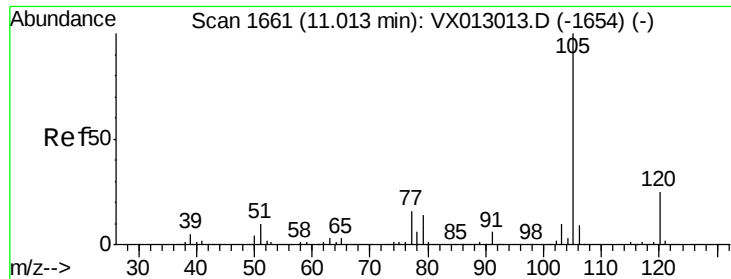
Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	88.9	44.5	133.5
150	175.1	0.0	353.4





#73

Isopropylbenzene

Concen: 53.891 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 505037

Ion Ratio Lower Upper

105 100

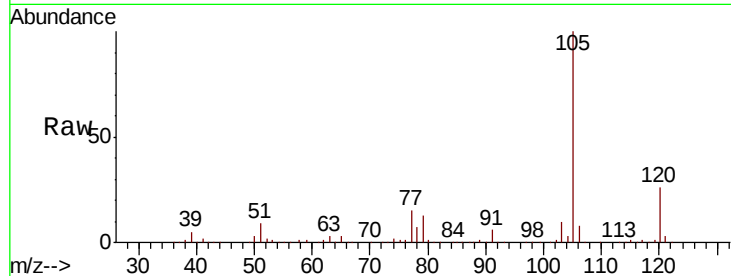
120 25.8 13.0 39.0

Manual Integrations

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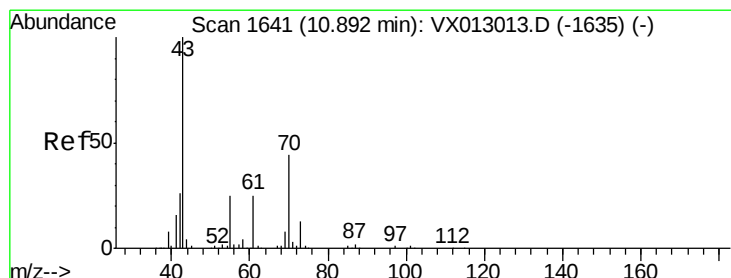
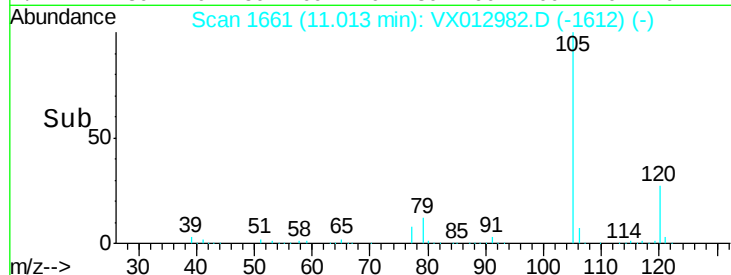
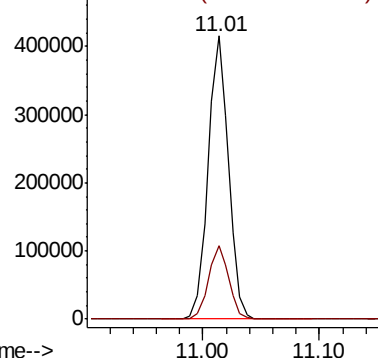
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.304 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Tgt Ion: 43 Resp: 215139

Ion Ratio Lower Upper

43 100

70 45.0 36.4 54.6

55 24.5 20.2 30.2

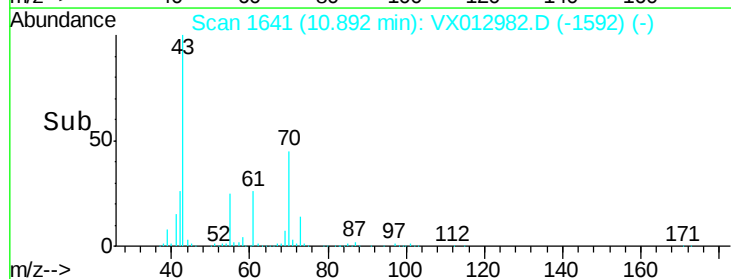
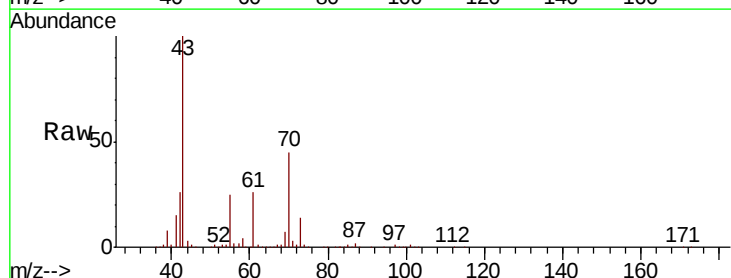
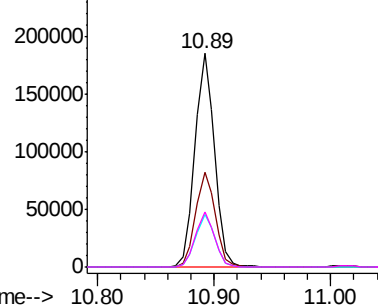
61 25.2 20.5 30.7

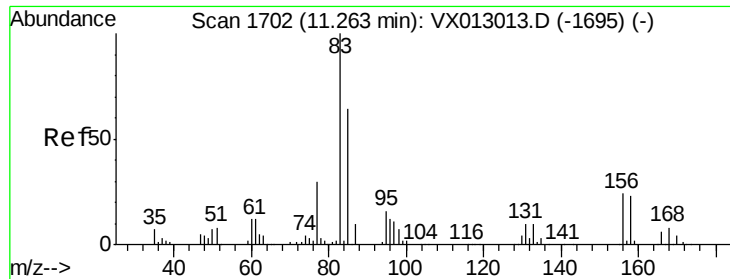
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.765 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 161348

Ion Ratio Lower Upper

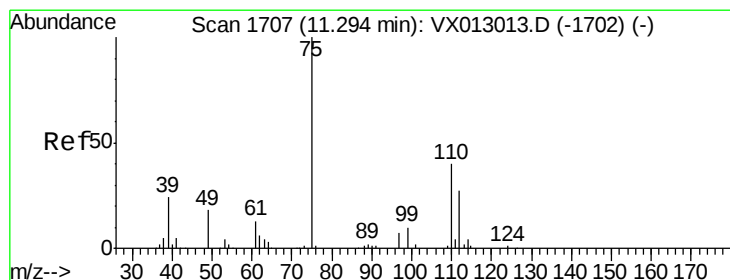
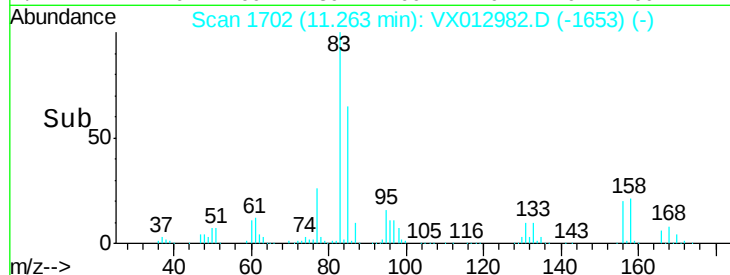
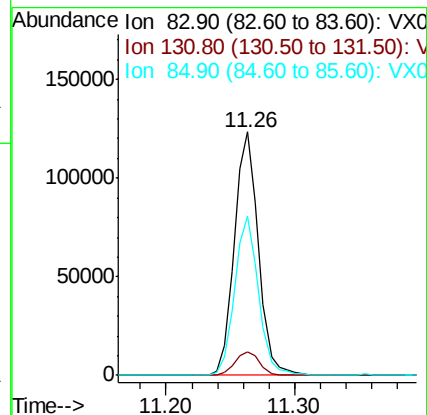
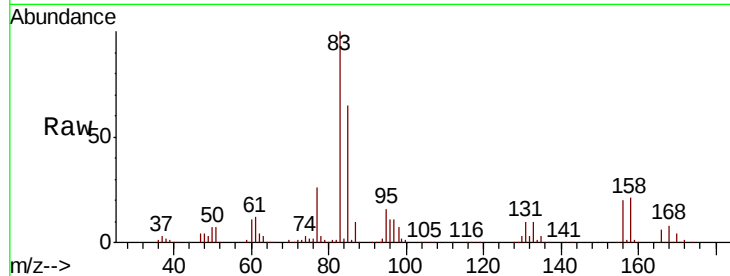
83 100

131 10.0 5.1 15.3

85 64.7 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 48.477 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX012982.D

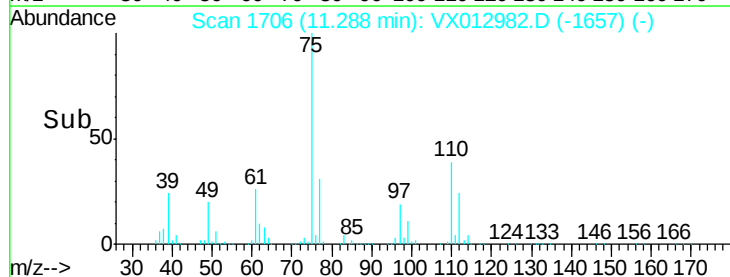
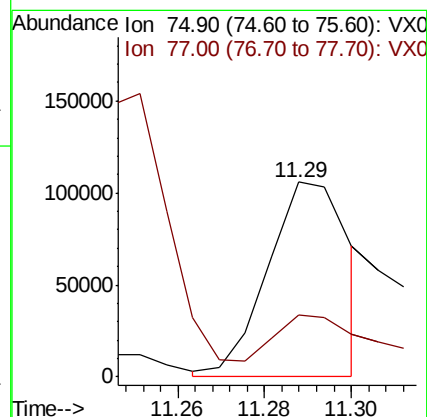
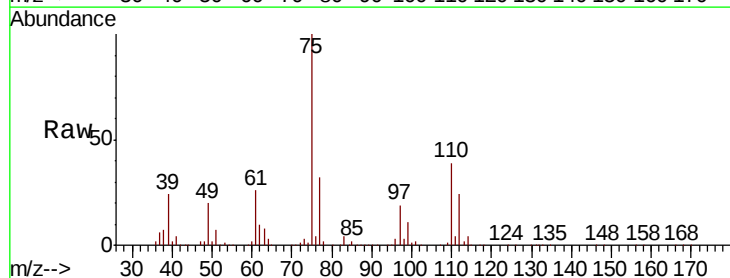
Acq: 10 Oct 2019 09:31

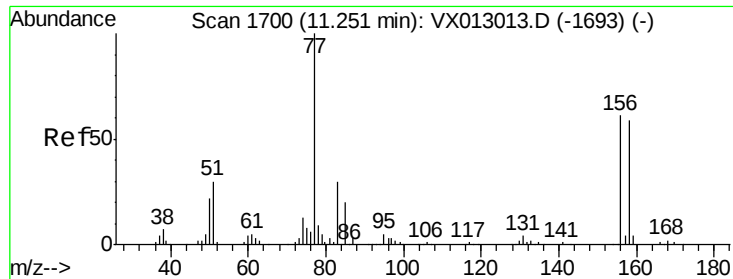
Tgt Ion: 75 Resp: 137052

Ion Ratio Lower Upper

75 100

77 42.0 22.9 68.8





#77

Bromobenzene

Concen: 52.851 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

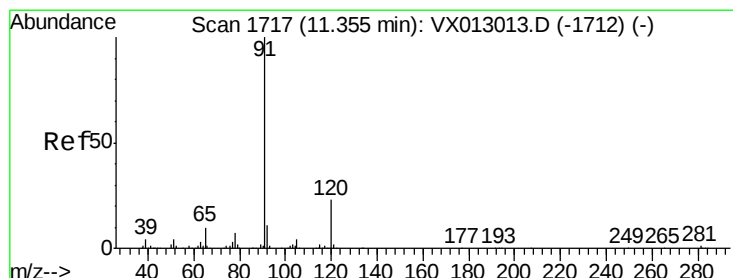
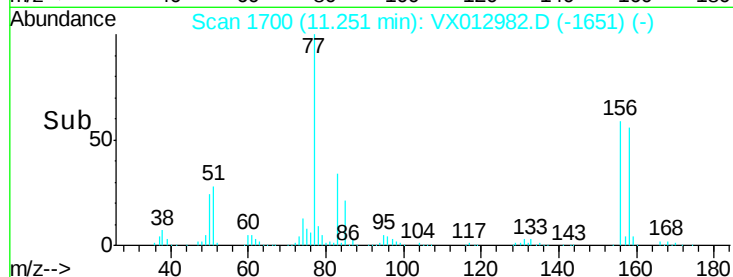
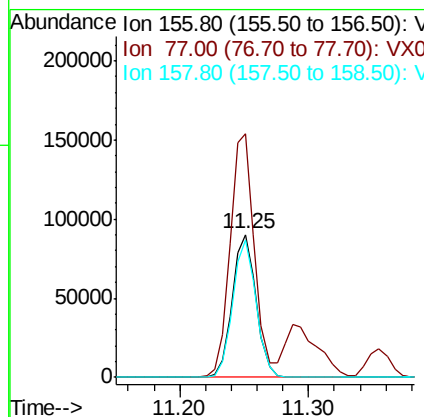
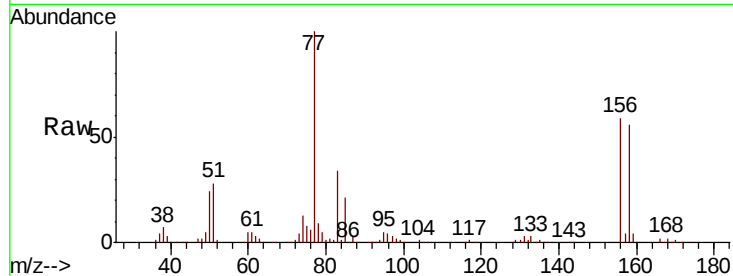
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	175.4		83.7	251.0	
158	95.1		48.6	145.9	

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#78

n-propylbenzene

Concen: 55.917 ug/l

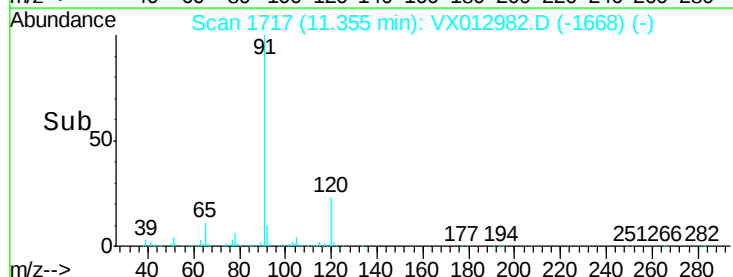
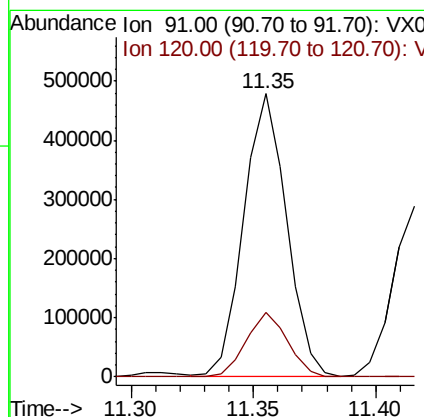
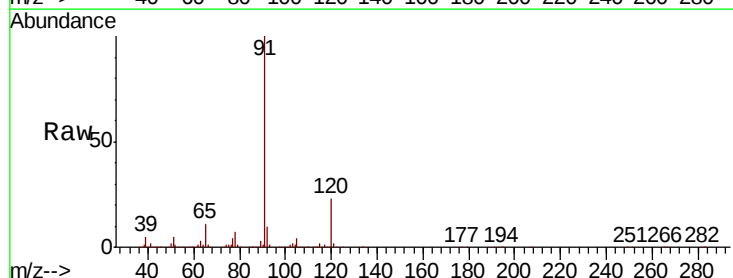
RT: 11.35 min Scan# 1717

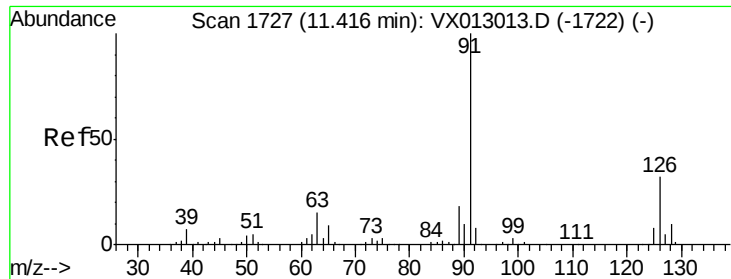
Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.4		11.7	35.1	





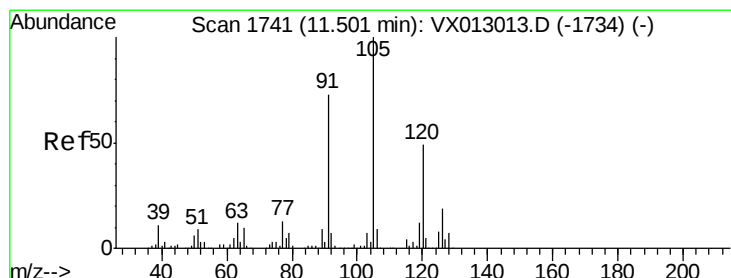
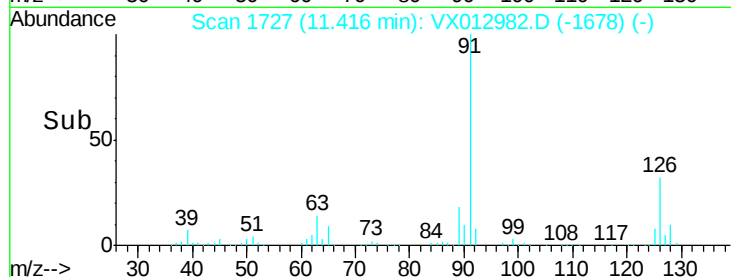
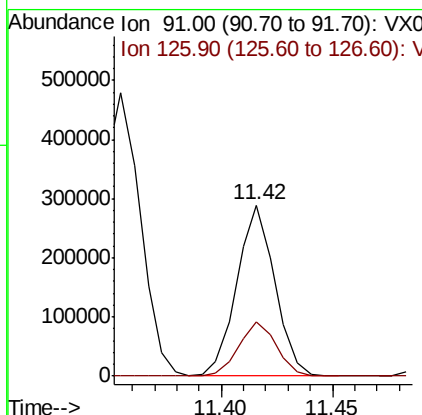
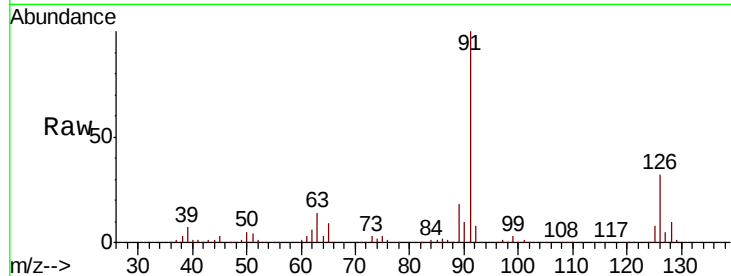
#79
 2-Chlorotoluene
 Concen: 52.970 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 343286
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.3 48.8

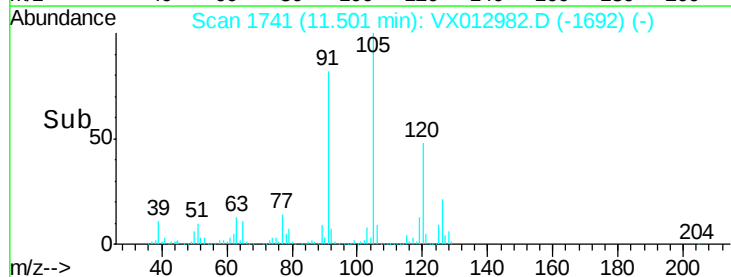
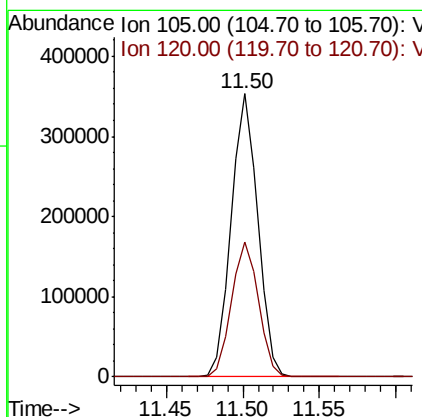
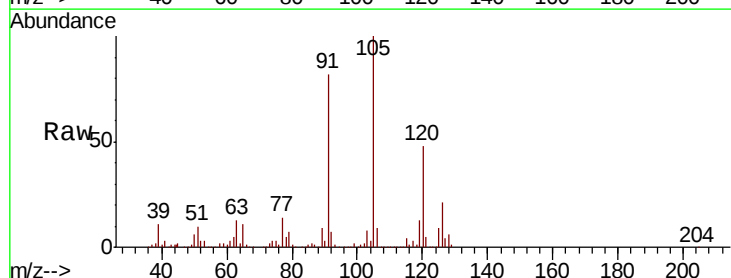
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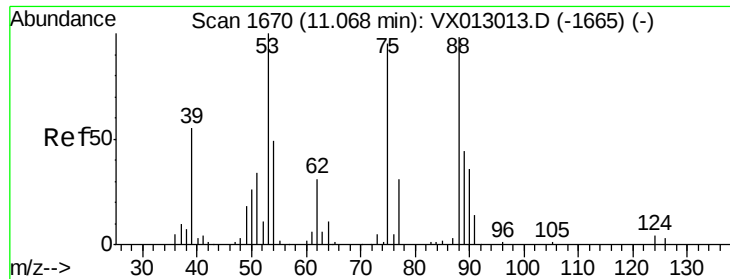
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.120 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion: 105 Resp: 423496
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.8 74.3





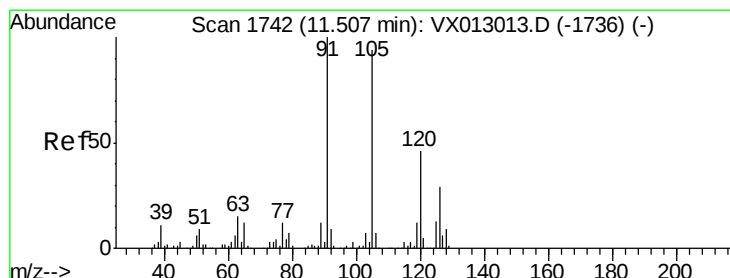
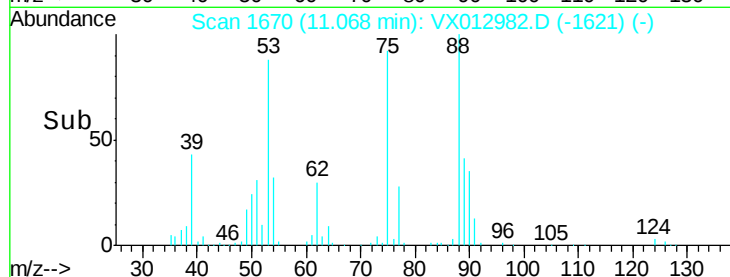
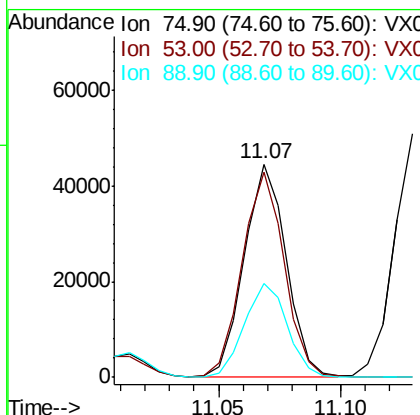
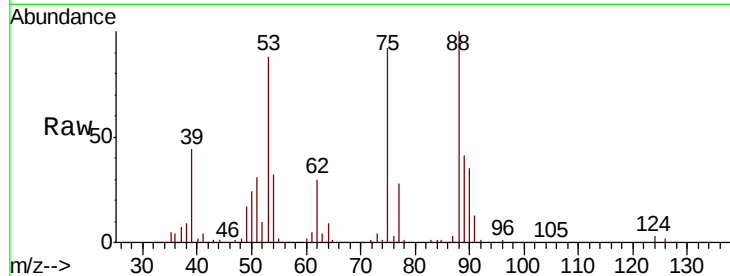
#81
trans-1,4-Dichloro-2-butene
Concen: 48.151 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.3	78.5	117.7
89	45.5	37.4	56.2

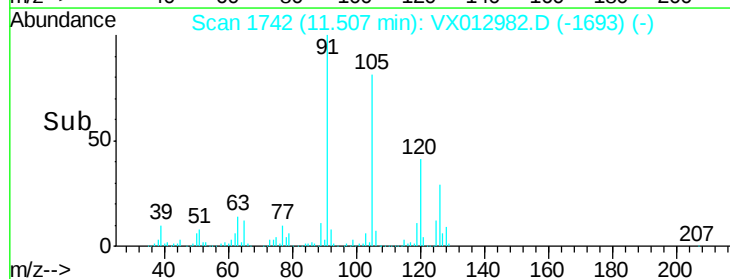
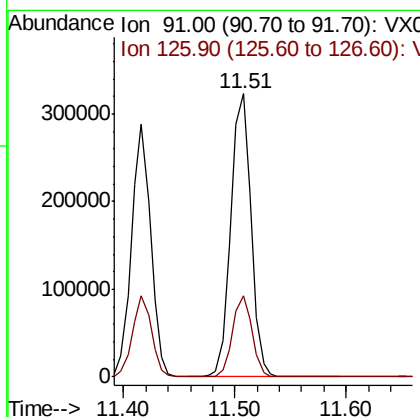
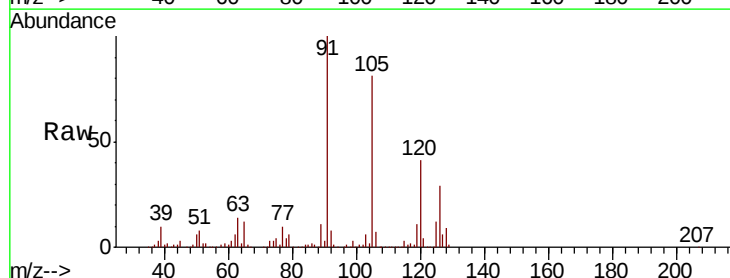
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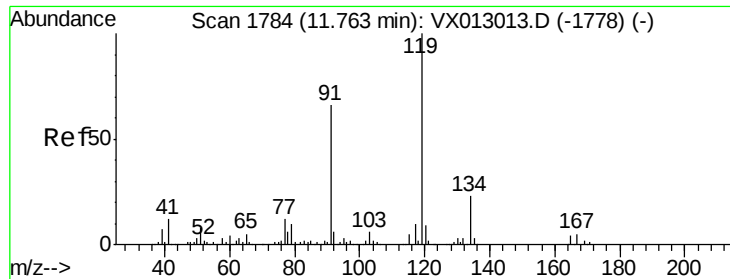
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#82
4-Chlorotoluene
Concen: 54.765 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.6	14.2	42.6





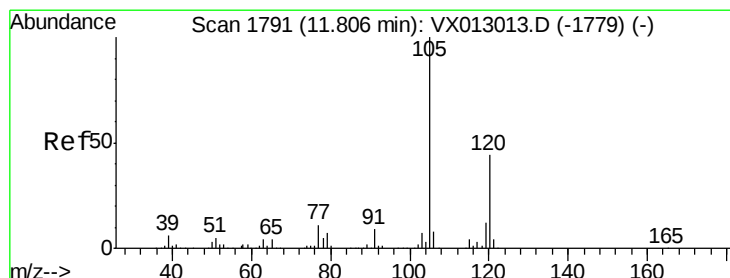
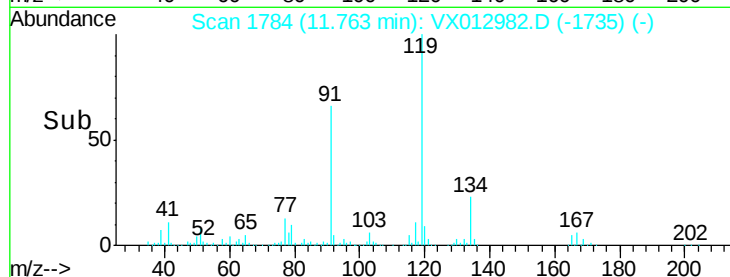
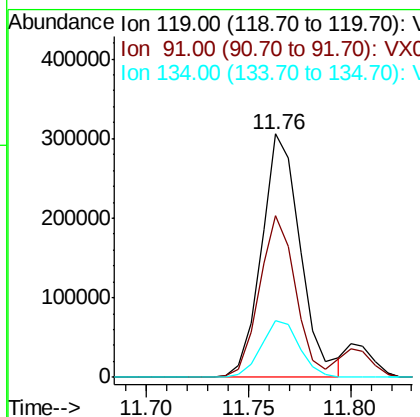
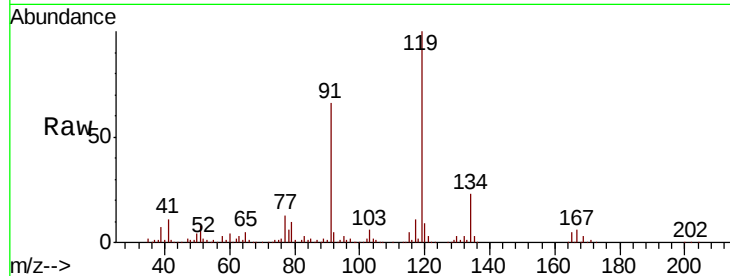
#83
tert-Butylbenzene
Concen: 53.255 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.7	29.3	87.9
134	22.9	11.5	34.4

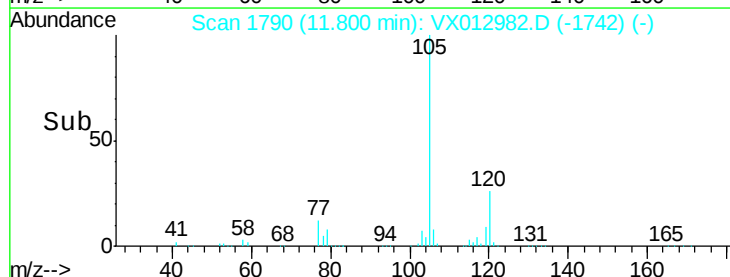
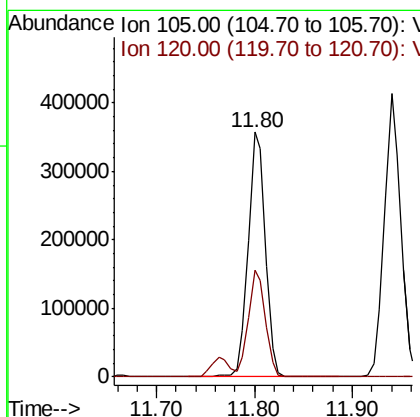
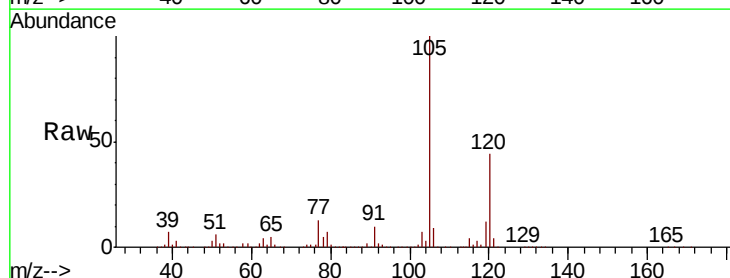
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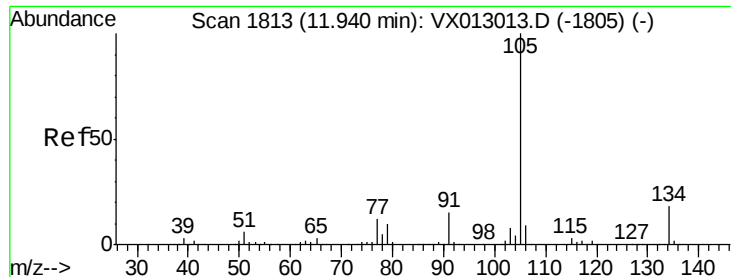
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#84
1,2,4-Trimethylbenzene
Concen: 54.941 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.8	65.3





#85

sec-Butylbenzene

Concen: 54.861 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 485174

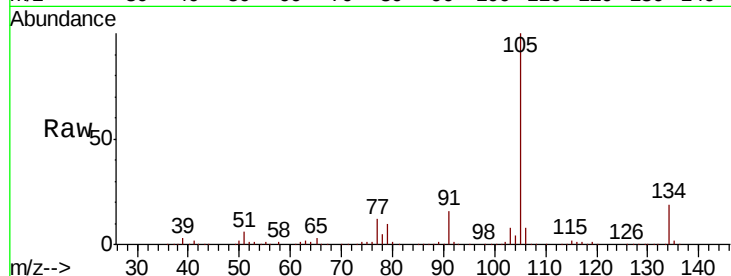
Ion Ratio Lower Upper

105 100

134 19.5 10.0 30.0

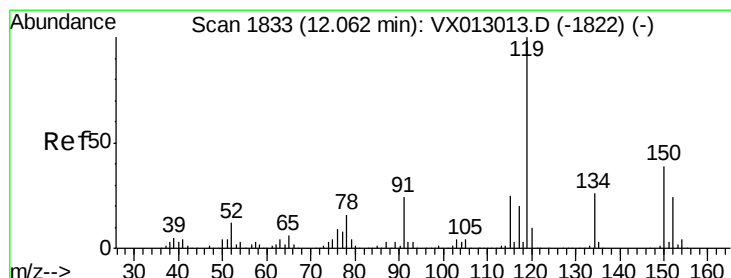
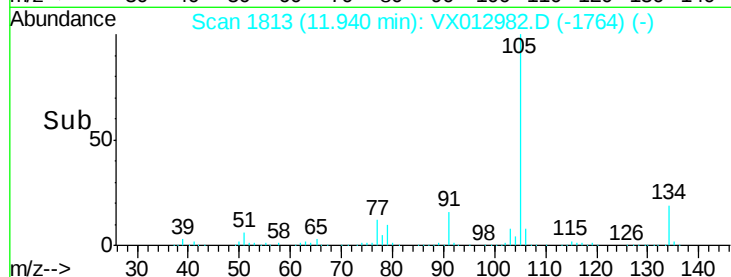
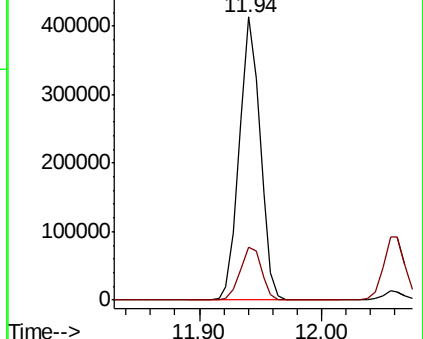
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.894 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

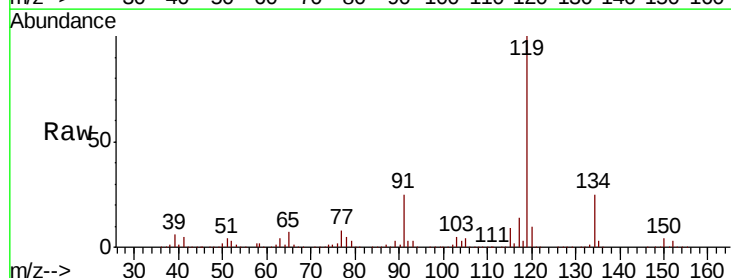
Tgt Ion:119 Resp: 450236

Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

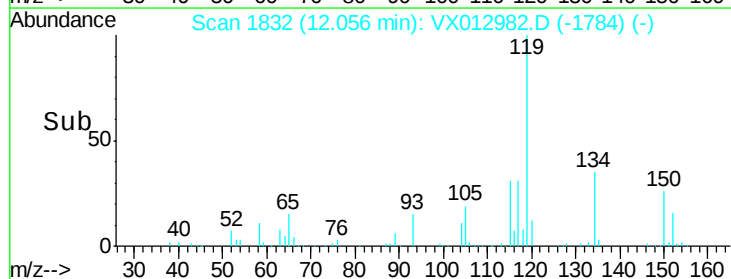
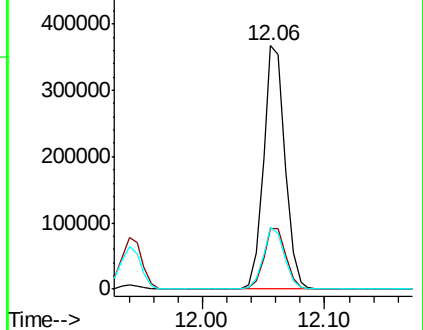
91 25.0 12.4 37.4



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): VX0





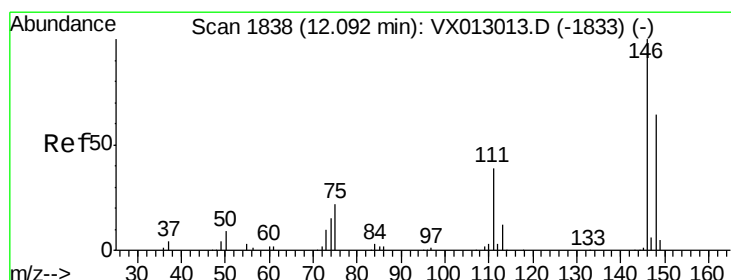
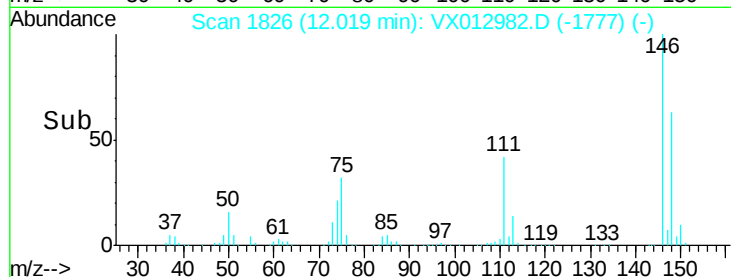
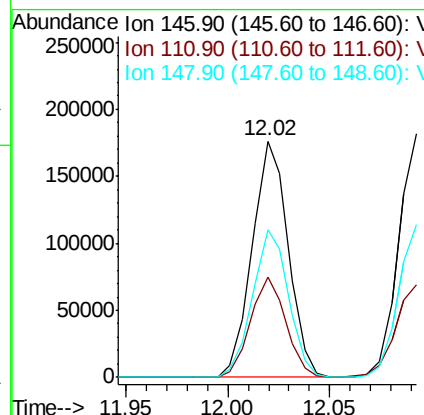
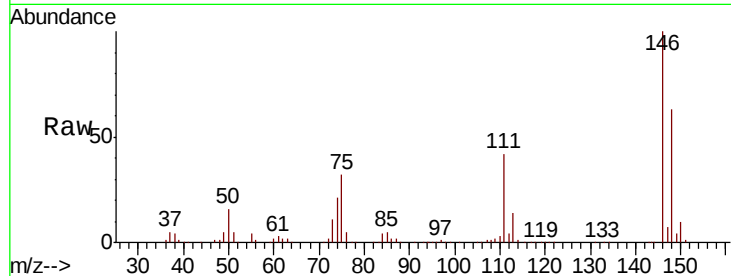
#87
 1,3-Dichlorobenzene
 Concen: 52.827 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.4
148	62.7	31.6	95.0

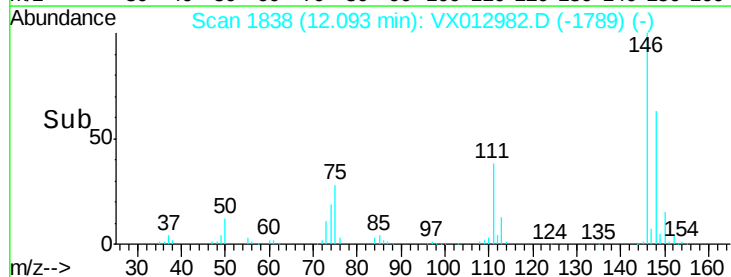
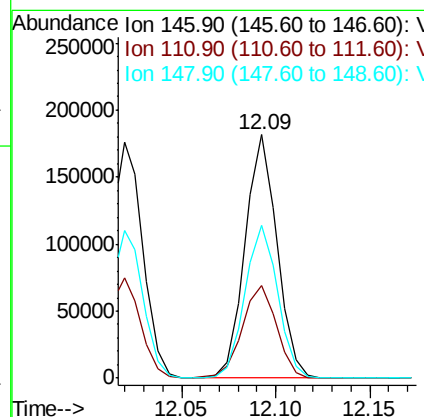
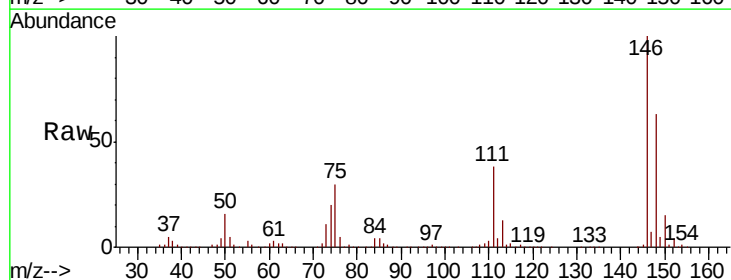
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#88
 1,4-Dichlorobenzene
 Concen: 51.362 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.4	64.3
148	64.6	32.1	96.5





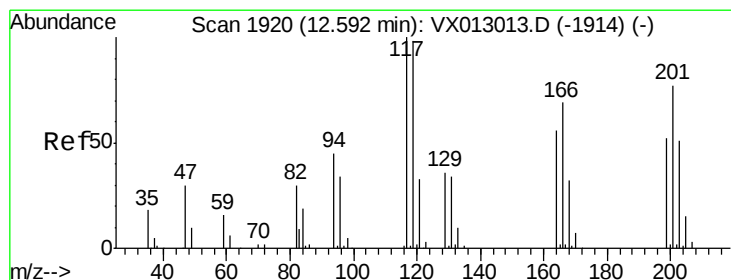
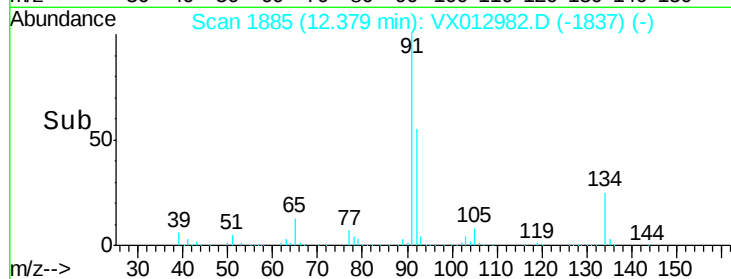
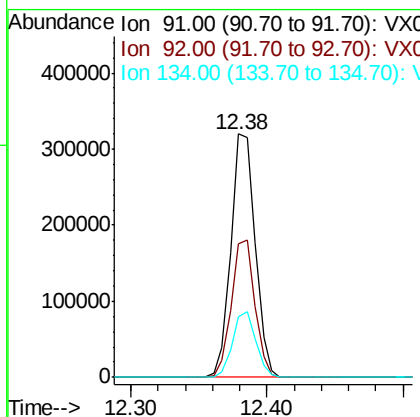
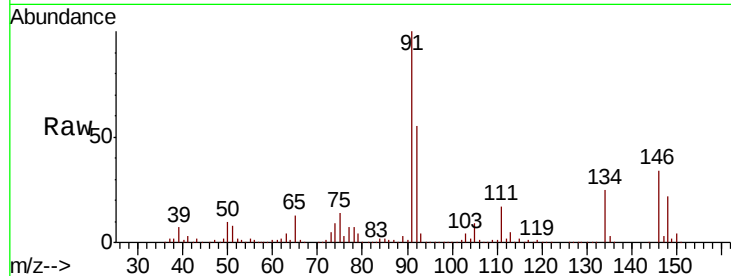
#89
n-Butylbenzene
Concen: 57.638 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.5	82.5
134	26.0	12.9	38.7

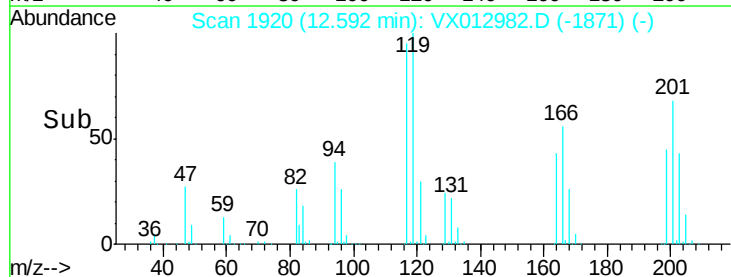
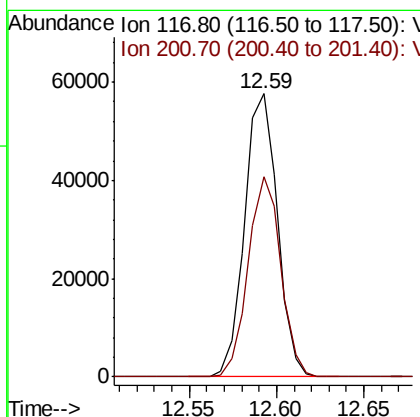
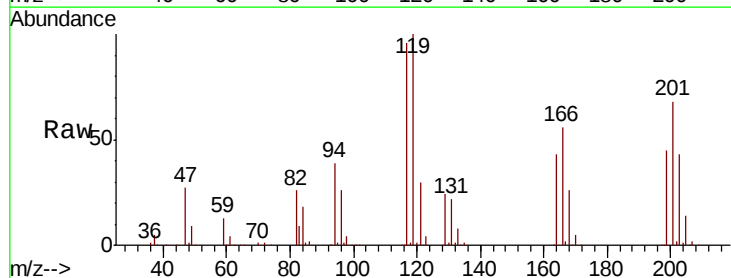
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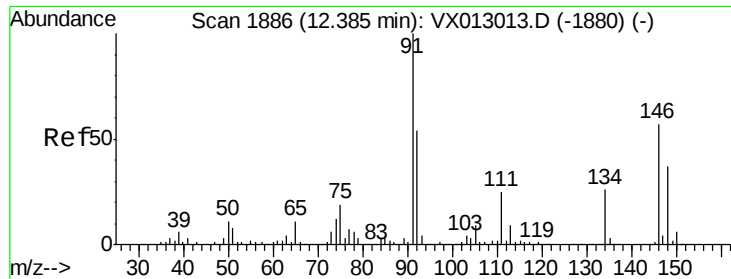
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#90
Hexachloroethane
Concen: 49.514 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.4	36.9	110.7





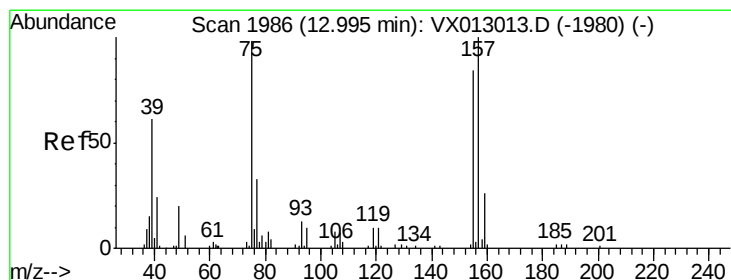
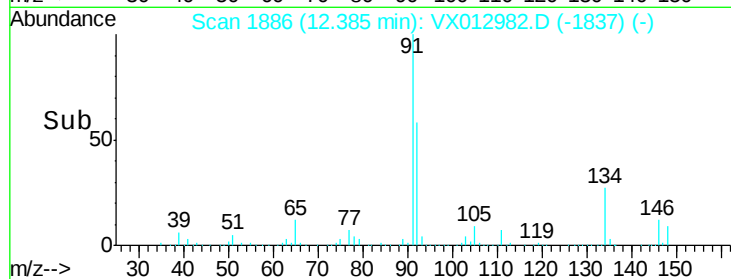
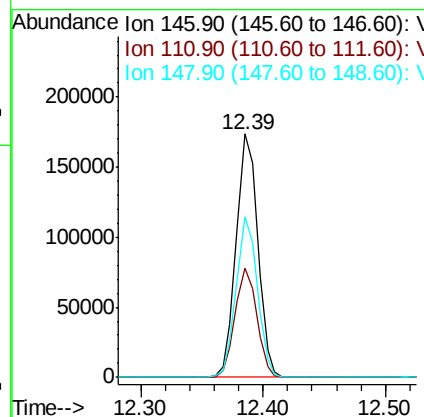
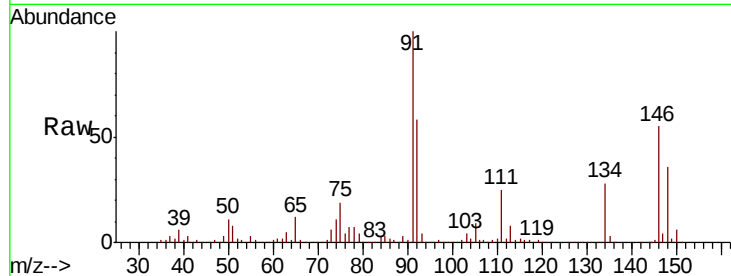
#91
 1,2-Dichlorobenzene
 Concen: 52.602 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.7	68.0
148	64.8	31.6	94.7

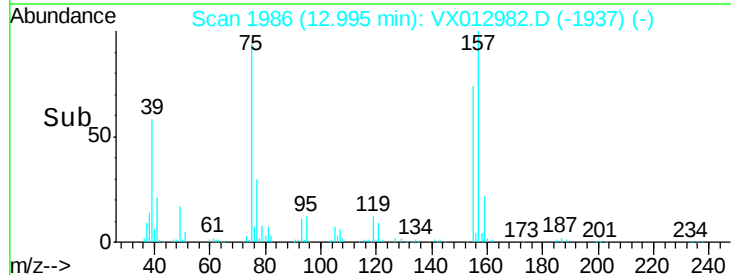
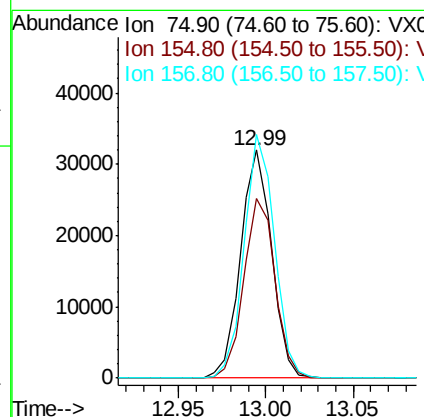
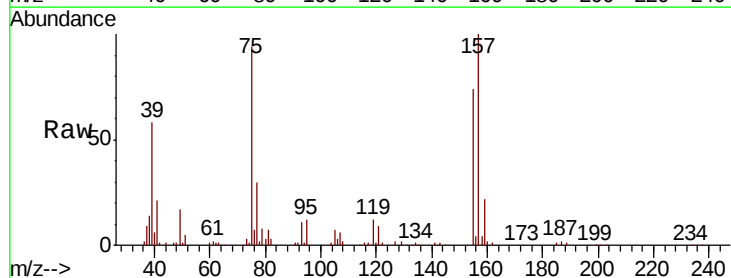
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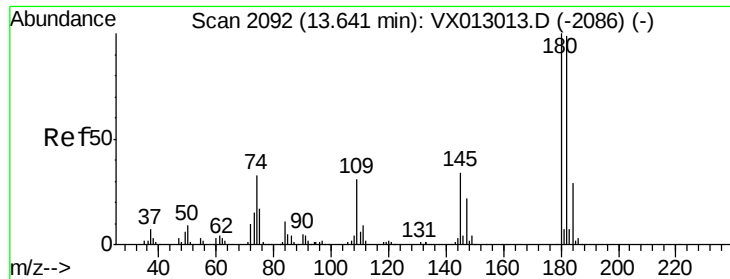
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.032 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	43.0	128.8
157	104.4	54.1	162.3





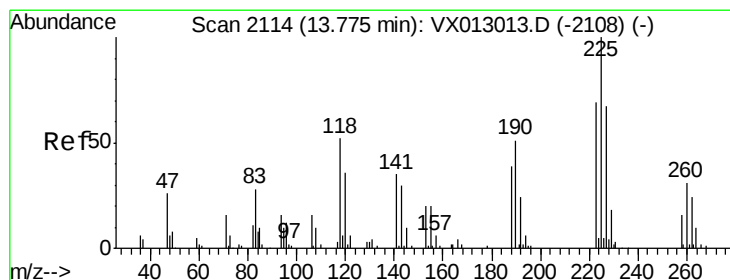
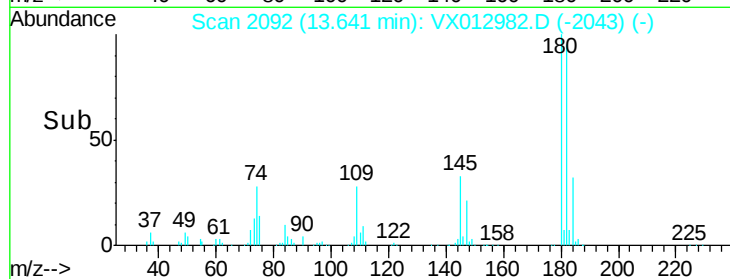
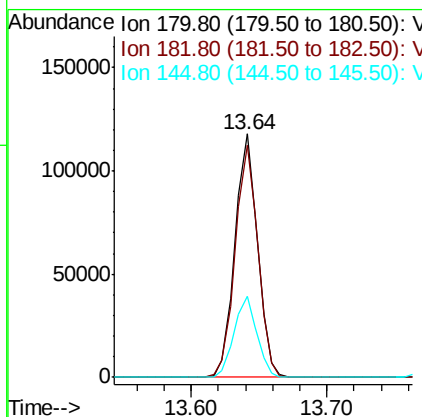
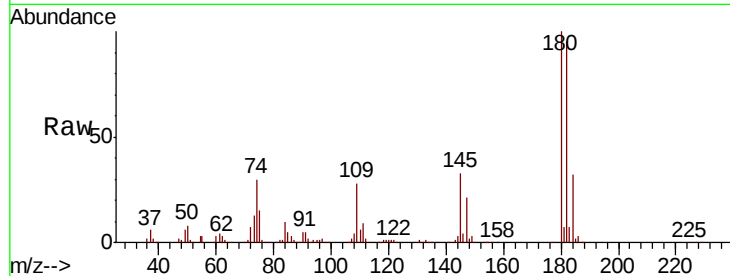
#93
 1,2,4-Trichlorobenzene
 Concen: 53.988 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	135968		
182	96.1	46.8	140.4	
145	33.6	16.2	48.6	

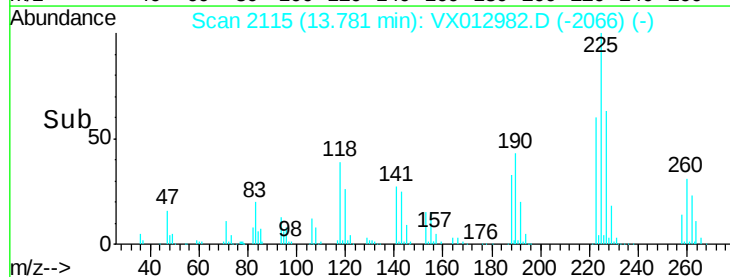
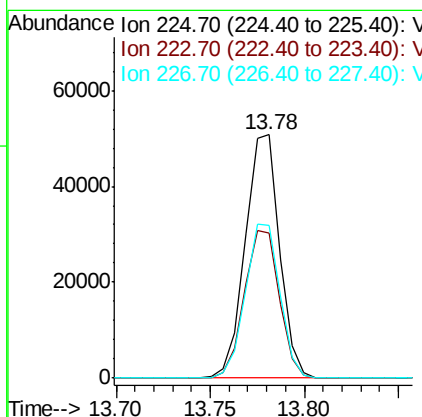
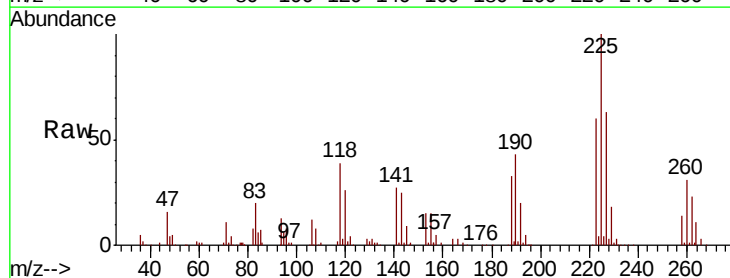
Manual Integrations
 APPROVED

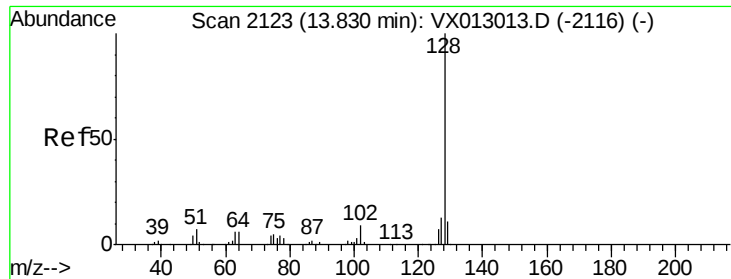
MMDadoda
 10/14/2019 1:04:38 PM



#94
 Hexachlorobutadiene
 Concen: 55.244 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64209		
223	61.8	31.1	93.2	
227	63.8	32.3	96.9	





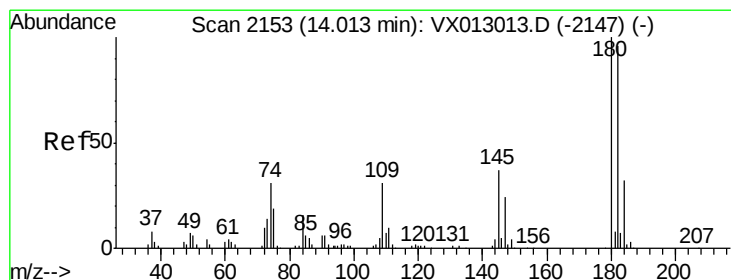
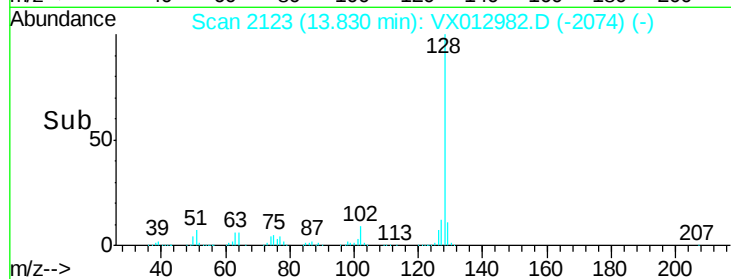
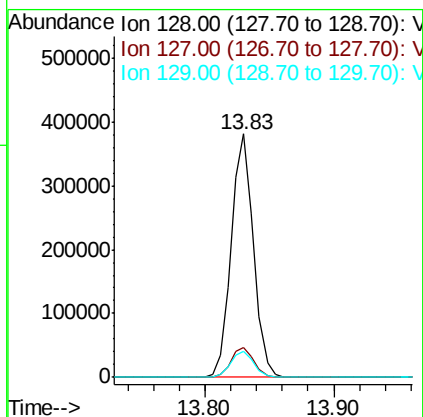
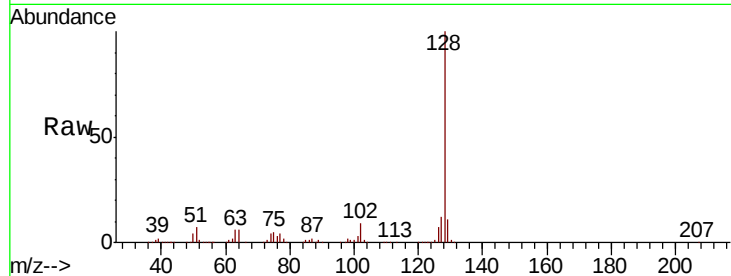
#95
Naphthalene
Concen: 52.710 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/14/2019 1:04:38 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.670 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.5	142.5
145	34.6	17.4	52.3

