

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013868.D
 Acq On : 09 Dec 2019 22:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 12/11/2019 8:54:42 AM

Quant Time: Dec 10 05:07:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	579746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	905928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	815139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	400110	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	309081	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
35) Dibromofluoromethane	5.49	113	262471	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
50) Toluene-d8	8.71	98	985027	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
62) 4-Bromofluorobenzene	11.14	95	354900	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	276696	42.879	ug/l	97
3) Chloromethane	1.32	50	320174	44.219	ug/l	99
4) Vinyl Chloride	1.40	62	378022	46.386	ug/l	99
5) Bromomethane	1.63	94	252251	46.090	ug/l	99
6) Chloroethane	1.71	64	214015	46.149	ug/l	97
7) Trichlorofluoromethane	1.92	101	403133	44.549	ug/l	100
8) Diethyl Ether	2.18	74	194658	47.548	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	252395	45.663	ug/l	99
10) Methyl Iodide	2.50	142	310260	46.402	ug/l	100
11) Tert butyl alcohol	3.04	59	359572	216.470	ug/l	100
12) 1,1-Dichloroethene	2.36	96	250400	45.385	ug/l	100
13) Acrolein	2.28	56	287846	258.897	ug/l	99
14) Allyl chloride	2.72	41	458799	45.823	ug/l	100
15) Acrylonitrile	3.13	53	825354	240.716	ug/l	99
16) Acetone	2.44	43	850926	256.113	ug/l	99
17) Carbon Disulfide	2.56	76	637839	40.554	ug/l	99
18) Methyl Acetate	2.76	43	477413	51.602	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	877330	48.001	ug/l	100
20) Methylene Chloride	2.85	84	301433	47.224	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	272430	45.326	ug/l	96
22) Diisopropyl ether	3.84	45	945761	49.056	ug/l	98
23) Vinyl Acetate	3.80	43	3604795	224.760	ug/l	99
24) 1,1-Dichloroethane	3.69	63	511847	48.565	ug/l	99
25) 2-Butanone	4.66	43	1220929	247.261	ug/l	99
26) 2,2-Dichloropropane	4.58	77	362261	41.544	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	322244	46.686	ug/l	99
28) Bromochloromethane	5.01	49	216301	51.934	ug/l	99
29) Tetrahydrofuran	5.12	42	744558	244.598	ug/l	99
30) Chloroform	5.20	83	494824	46.295	ug/l	96
31) Cyclohexane	5.58	56	444052	44.670	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	417509	46.743	ug/l	99
36) 1,1-Dichloropropene	5.79	75	365796	44.481	ug/l	100
37) Ethyl Acetate	4.82	43	443633	48.087	ug/l	100
38) Carbon Tetrachloride	5.78	117	352689	46.511	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	428602	42.164	ug/l	99
40) Benzene	6.14	78	1138114	45.441	ug/l	100
41) Methacrylonitrile	5.03	41	248154	49.047	ug/l	100
42) 1,2-Dichloroethane	6.18	62	398300	46.630	ug/l	100
43) Isopropyl Acetate	6.43	43	717562	47.245	ug/l	100
44) Trichloroethene	7.21	130	316042	45.977	ug/l	96
45) 1,2-Dichloropropane	7.51	63	304938	48.662	ug/l	98
46) Dibromomethane	7.65	93	191574	45.012	ug/l	99
47) Bromodichloromethane	7.89	83	388075	48.233	ug/l	97
48) Methyl methacrylate	7.76	41	354333	48.015	ug/l	98
49) 1,4-Dioxane	7.73	88	135027	817.436	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2298725	240.610	ug/l	100
52) Toluene	8.78	92	716062	46.020	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	423426	46.235	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	474180	47.392	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	298818	47.656	ug/l	98
56) Ethyl methacrylate	9.17	69	486075	48.217	ug/l	100
57) 1,3-Dichloropropane	9.37	76	502703	46.513	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	934281	236.377	ug/l	100
59) 2-Hexanone	9.49	43	1794966	240.896	ug/l	99
60) Dibromochloromethane	9.58	129	315177	48.435	ug/l	100
61) 1,2-Dibromoethane	9.67	107	312589	46.677	ug/l	99
64) Tetrachloroethene	9.33	164	358573	58.987	ug/l	99
65) Chlorobenzene	10.14	112	776381	45.875	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	288985	47.552	ug/l	99
67) Ethyl Benzene	10.24	91	1359770	46.757	ug/l	99
68) m/p-Xylenes	10.35	106	1032704	92.751	ug/l	99
69) o-Xylene	10.70	106	507099	46.698	ug/l	98
70) Styrene	10.71	104	865129	47.360	ug/l	99
71) Bromoform	10.85	173	246100	48.942	ug/l	99
73) Isopropylbenzene	11.01	105	1339170	47.715	ug/l	100
74) N-amyl acetate	10.89	43	631252	49.099	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	470486	48.338	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	433215m	48.139	ug/l	
77) Bromobenzene	11.25	156	351436	46.350	ug/l	98
78) n-propylbenzene	11.35	91	1511741	48.251	ug/l	100
79) 2-Chlorotoluene	11.42	91	889809	47.345	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1117209	48.568	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	152630	46.401	ug/l	98
82) 4-Chlorotoluene	11.51	91	1025743	47.122	ug/l	99
83) tert-Butylbenzene	11.76	119	1063123	45.476	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	1121789	48.051	ug/l	100
85) sec-Butylbenzene	11.94	105	1290852	48.342	ug/l	100
86) p-Isopropyltoluene	12.06	119	1192201	47.993	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	603449	45.657	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	614996	45.683	ug/l	99
89) n-Butylbenzene	12.38	91	1003052	47.343	ug/l	100
90) Hexachloroethane	12.59	117	214390	47.748	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	615600	47.140	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	100329	47.335	ug/l	97

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QLast Update : Tue Nov 26 15:53:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	413247	45.406	ug/l	98
94) Hexachlorobutadiene	13.77	225	194703	44.534	ug/l	99
95) Naphthalene	13.83	128	1319793	48.695	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	424362	47.093	ug/l	100

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

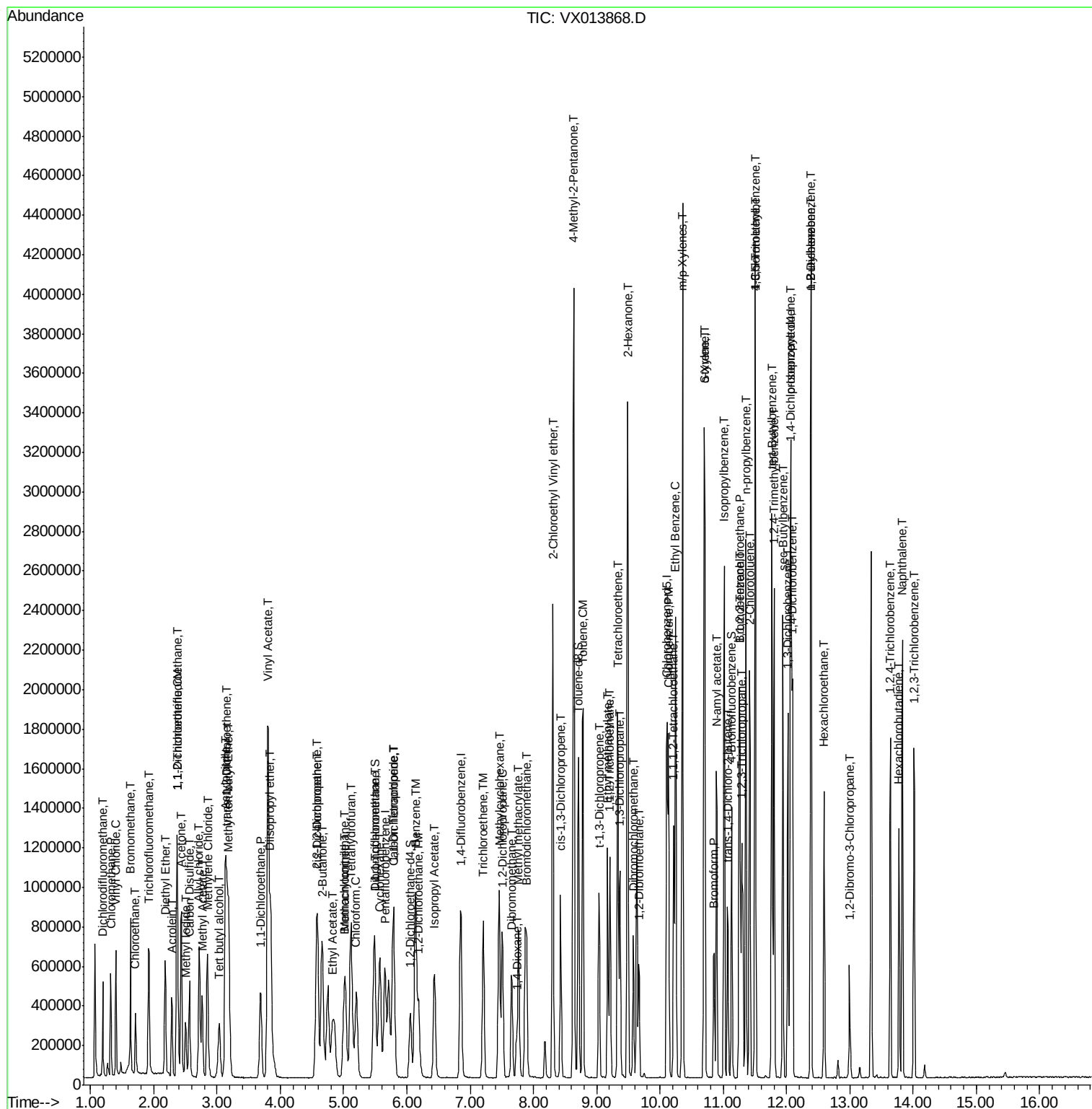
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120919\
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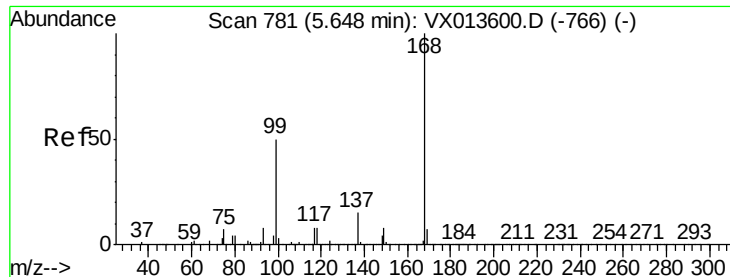
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 579746

Ion Ratio Lower Upper

168 100

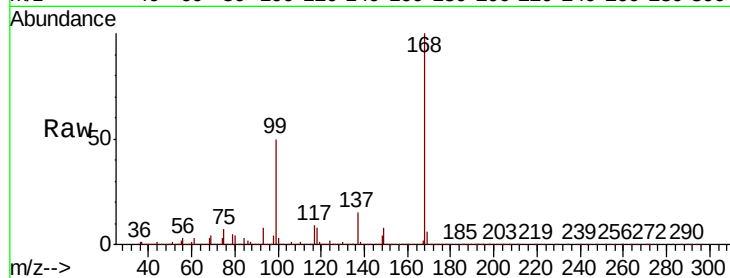
99 49.4 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

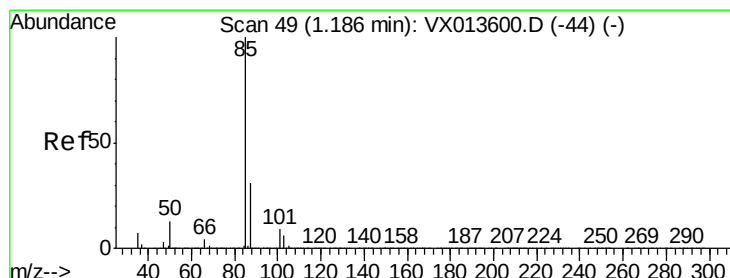
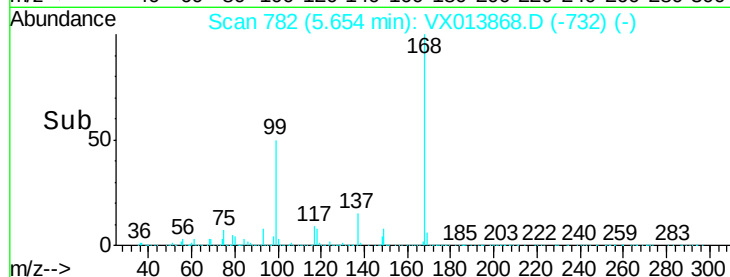
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 42.879 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013868.D

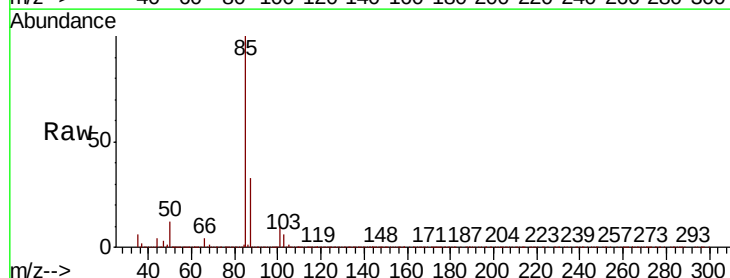
Acq: 09 Dec 2019 22:01

Tgt Ion: 85 Resp: 276696

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

150000

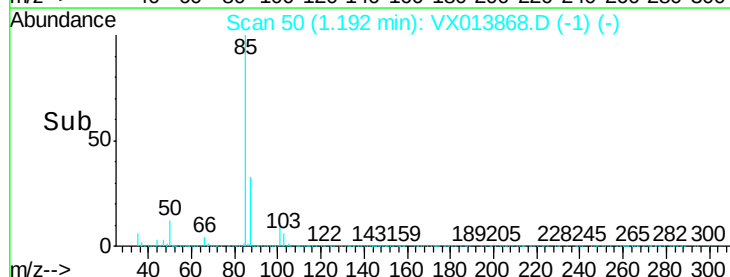
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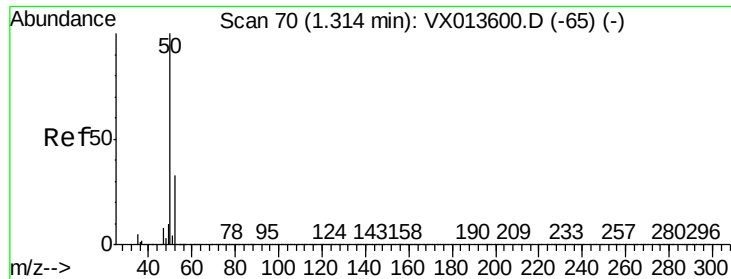
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 44.219 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 320174

Ion Ratio Lower Upper

50 100

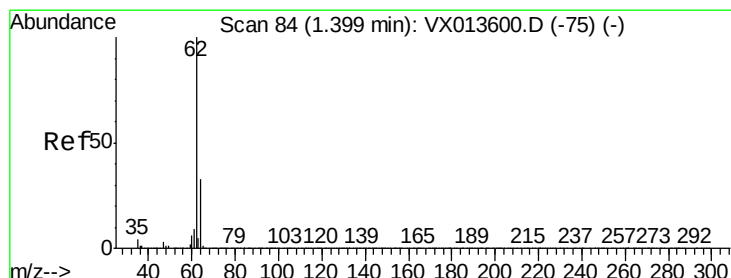
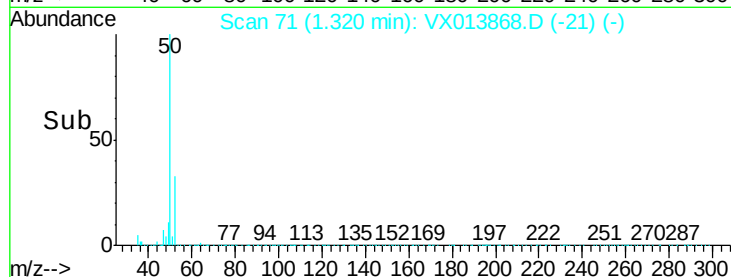
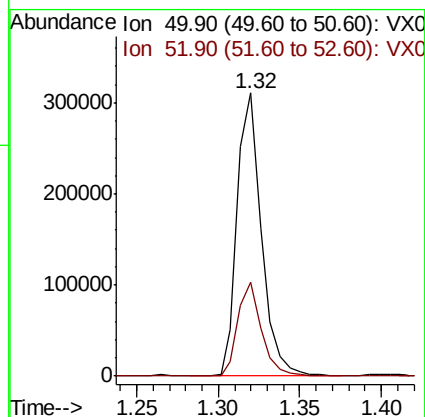
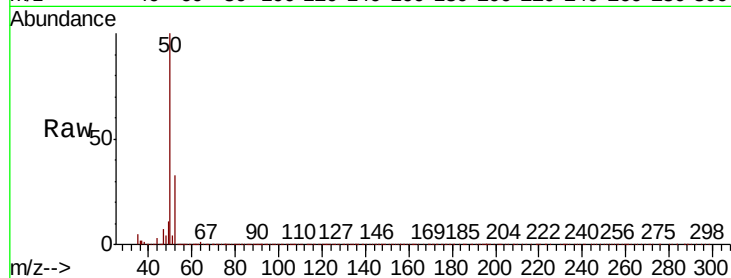
52 33.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 46.386 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013868.D

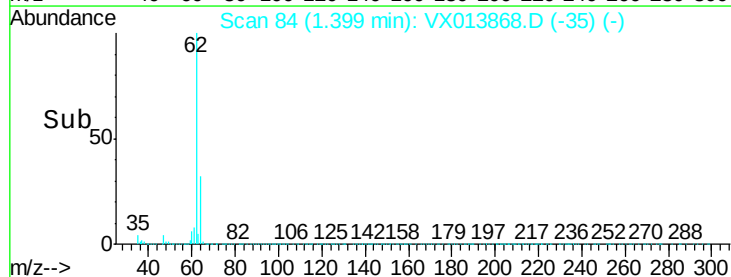
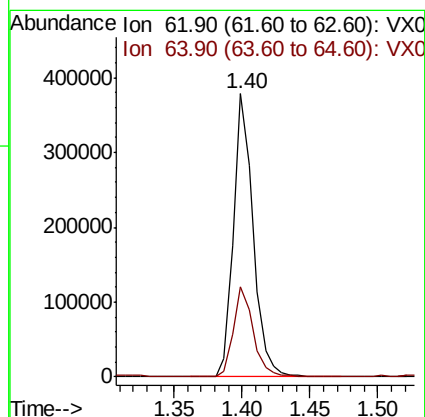
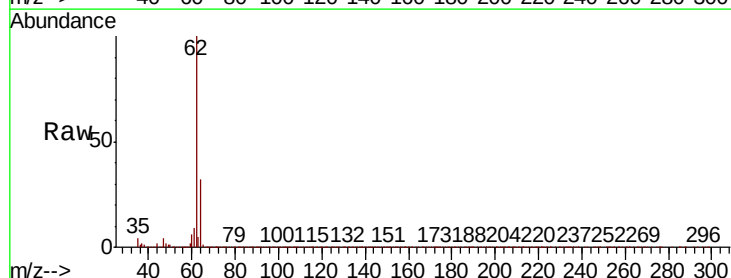
Acq: 09 Dec 2019 22:01

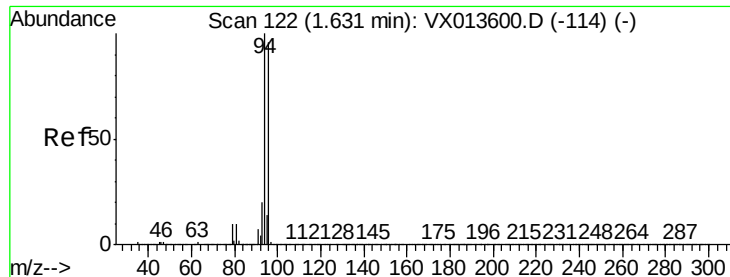
Tgt Ion: 62 Resp: 378022

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0





#5

Bromomethane

Concen: 46.090 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 252251

Ion Ratio Lower Upper

94 100

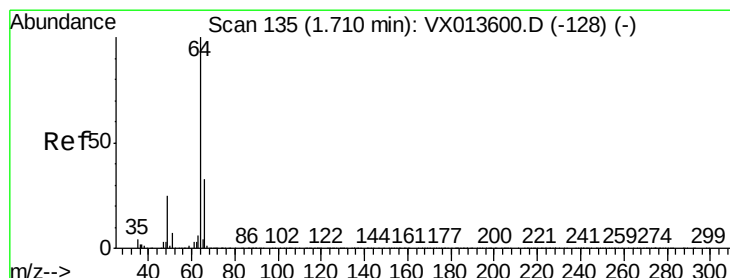
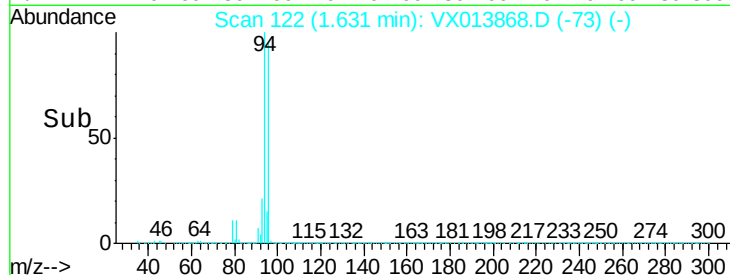
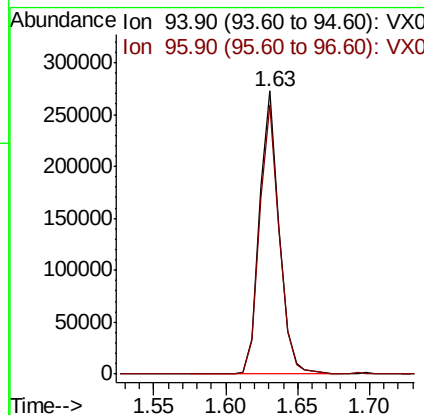
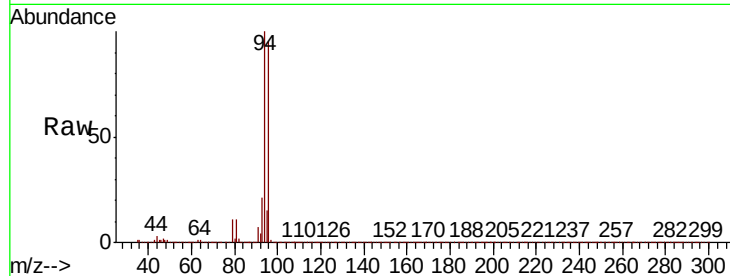
96 95.2 77.0 115.4

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#6

Chloroethane

Concen: 46.149 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013868.D

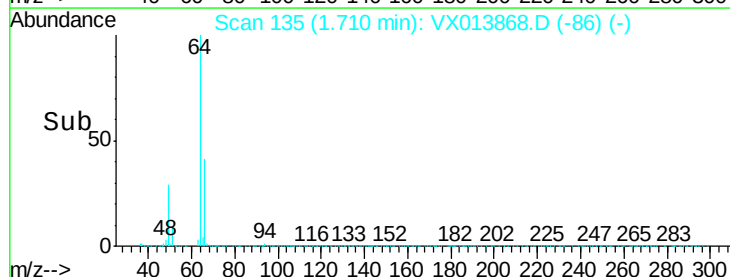
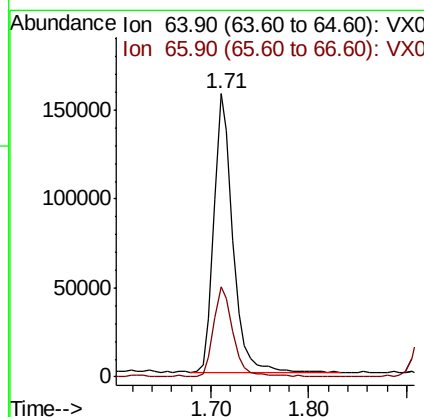
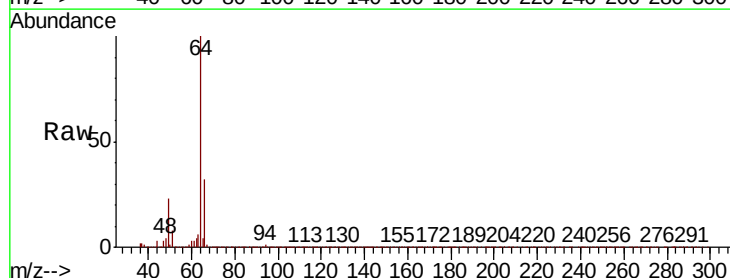
Acq: 09 Dec 2019 22:01

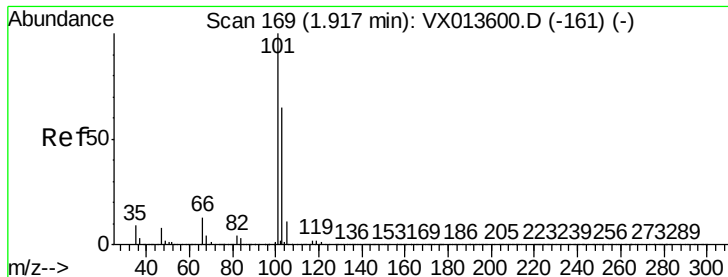
Tgt Ion: 64 Resp: 214015

Ion Ratio Lower Upper

64 100

66 32.0 26.7 40.1





#7

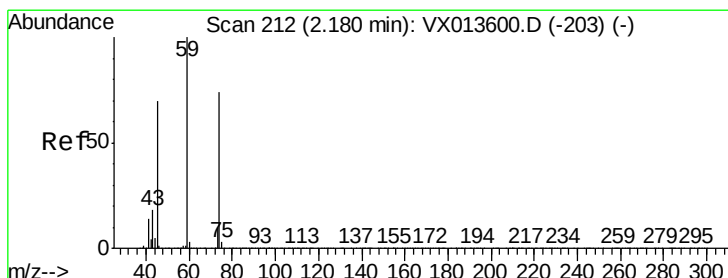
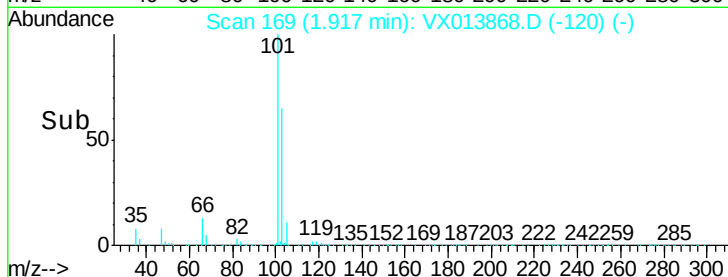
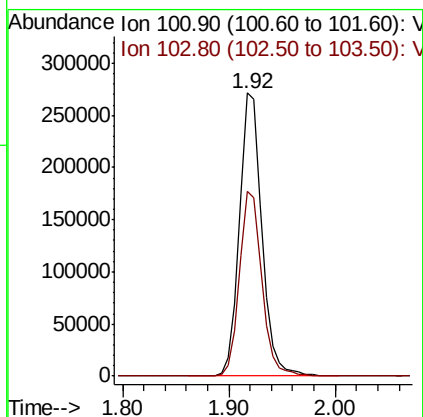
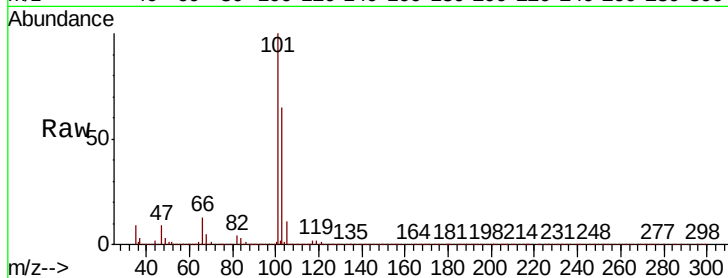
Trichlorofluoromethane
Concen: 44.549 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.8	77.6

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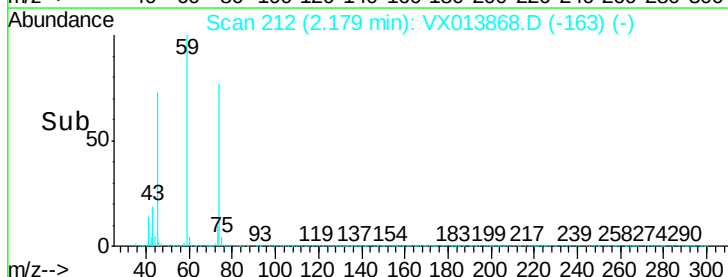
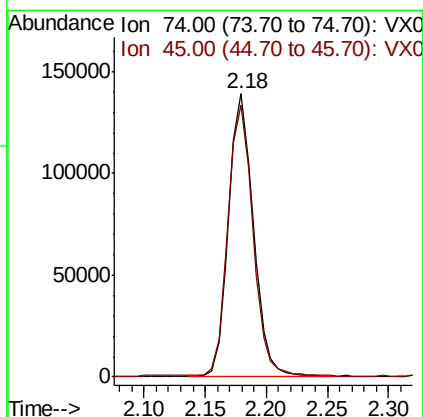
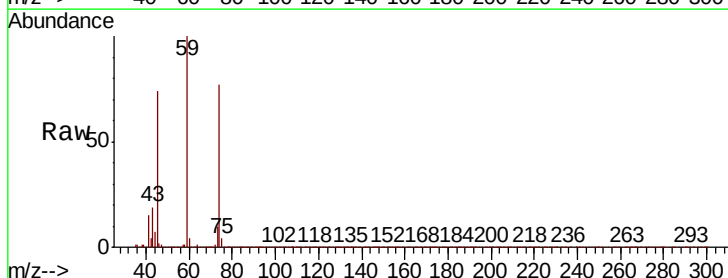
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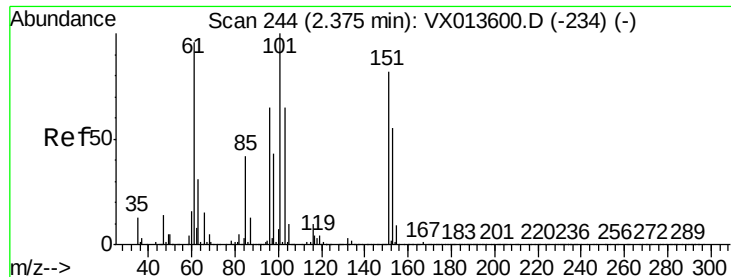


#8

Diethyl Ether
Concen: 47.548 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.663 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013868.D

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Instrument :

MSVOA_X

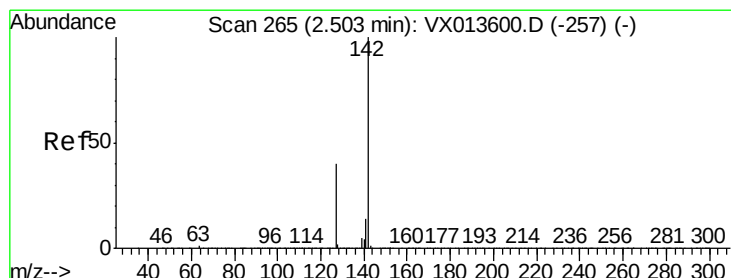
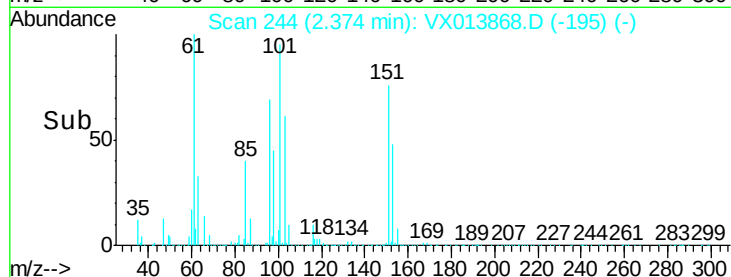
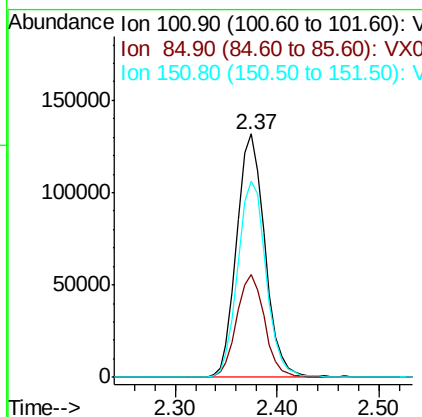
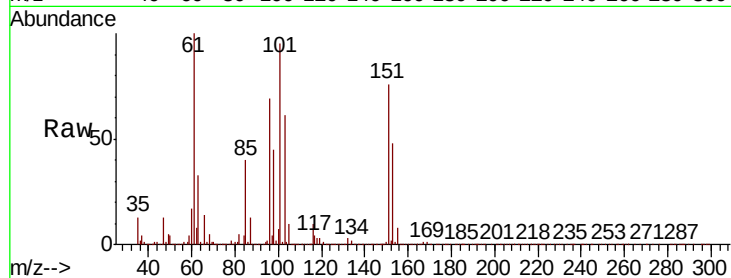
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	252395
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.9	50.9
151	81.5	64.2	96.2

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#10

Methyl Iodide

Concen: 46.402 ug/l

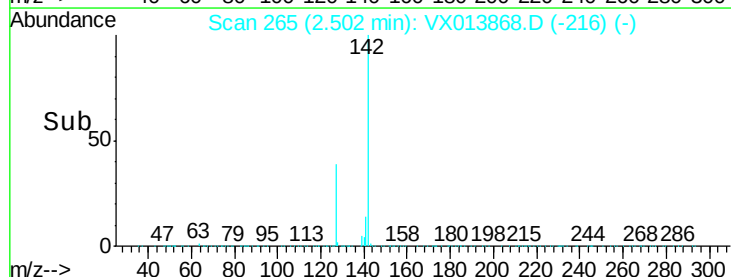
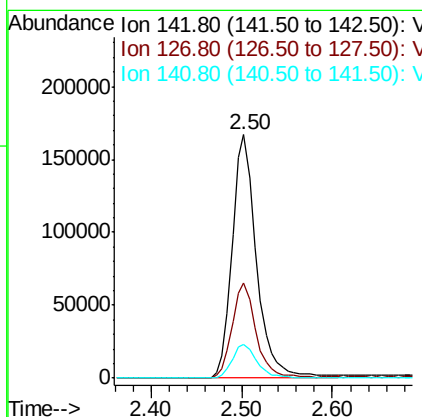
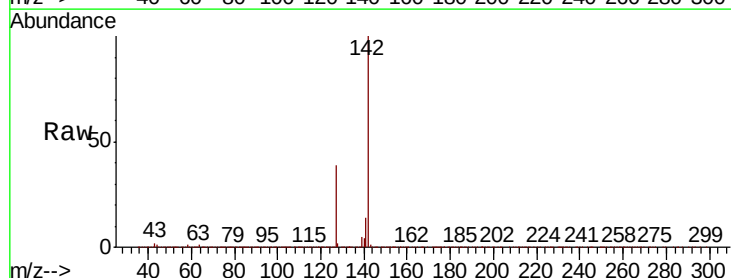
RT: 2.50 min Scan# 265

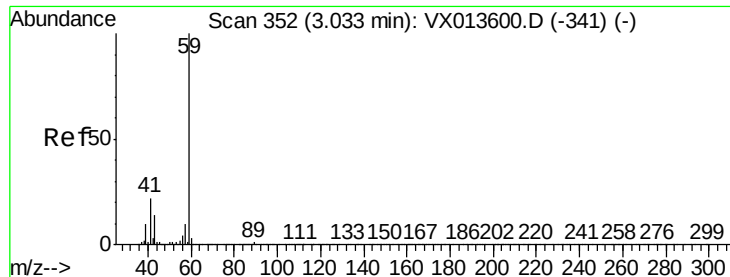
Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Tgt Ion:	142	Resp:	310260
Ion Ratio	Lower	Upper	
142	100		
127	38.3	31.0	46.4
141	14.4	11.6	17.4





#11

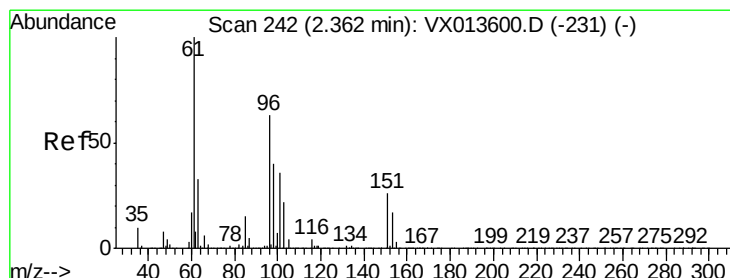
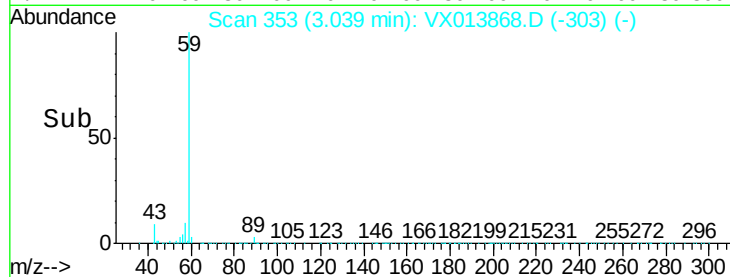
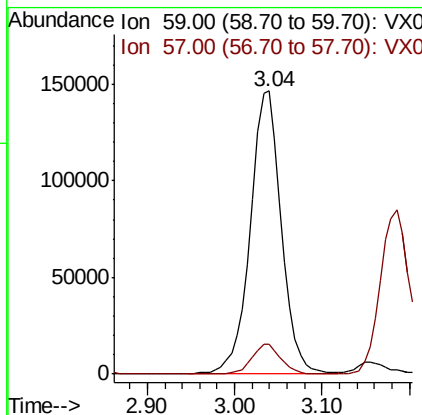
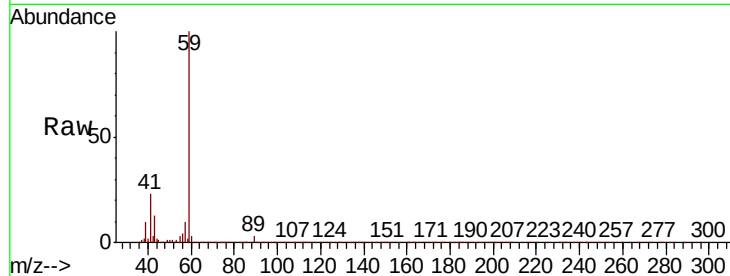
Tert butyl alcohol
Concen: 216.470 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.8	11.6

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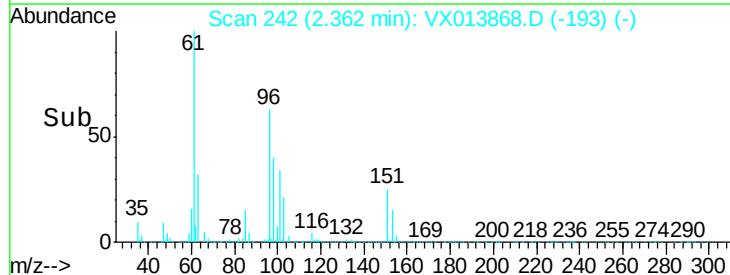
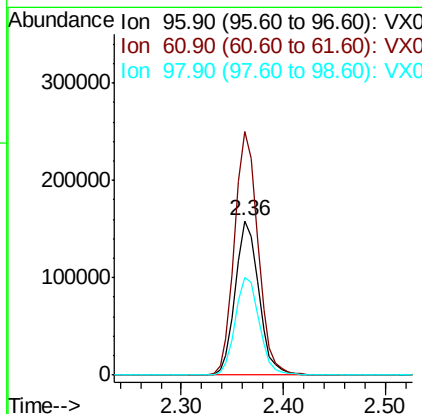
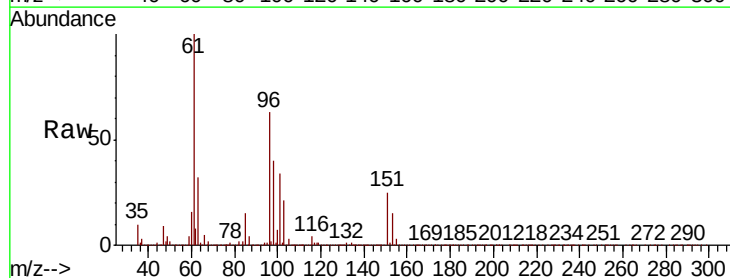
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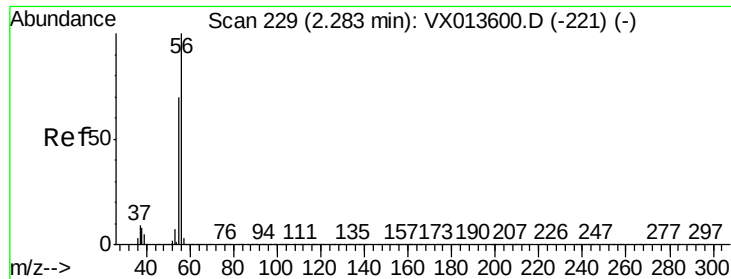


#12

1,1-Dichloroethene
Concen: 45.385 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	126.6	190.0
98	63.0	50.6	76.0





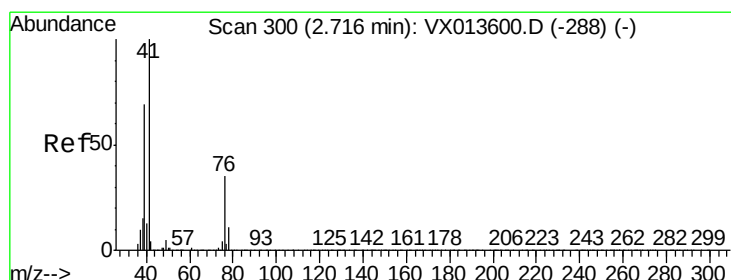
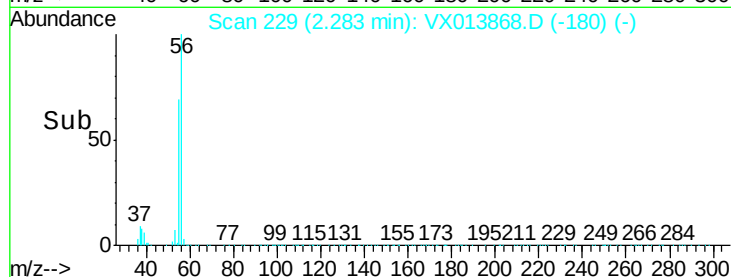
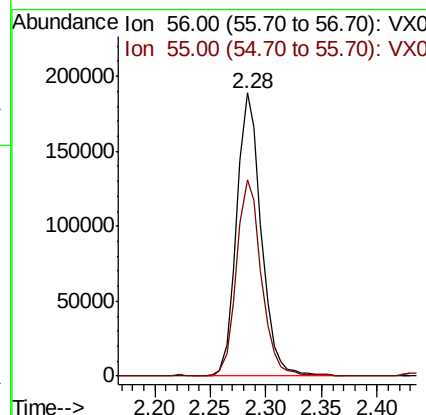
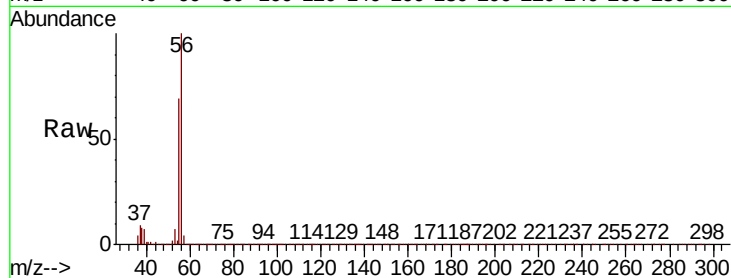
#13
Acrolein
Concen: 258.897 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.7	56.2	84.4

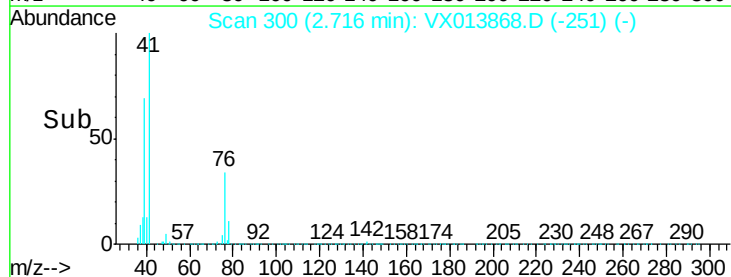
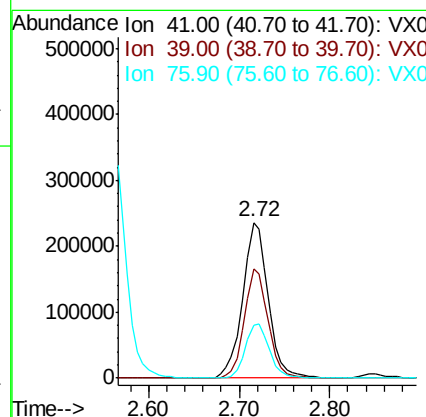
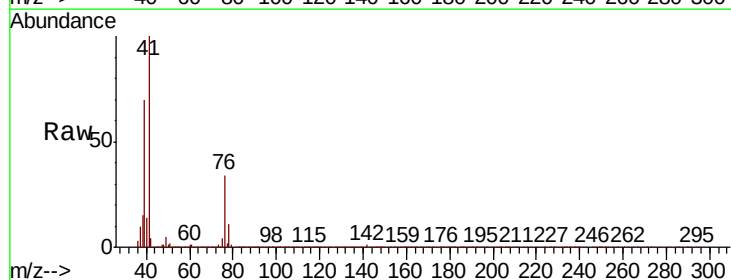
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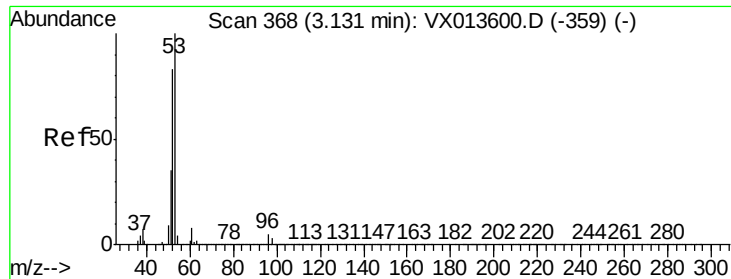
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#14
Allyl chloride
Concen: 45.823 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	64.9	51.7	77.5
76	76	32.4	25.9	38.9





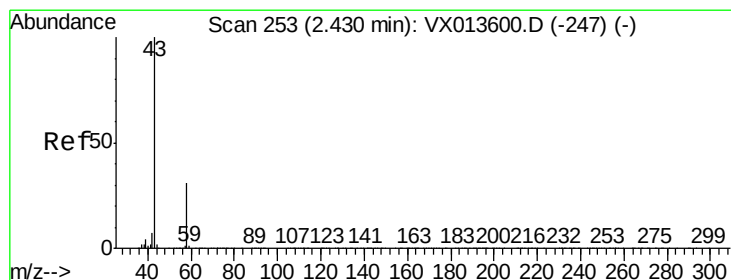
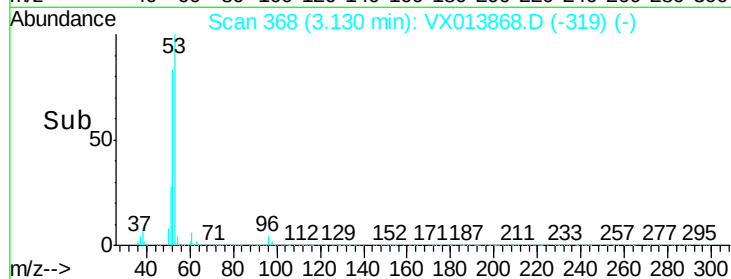
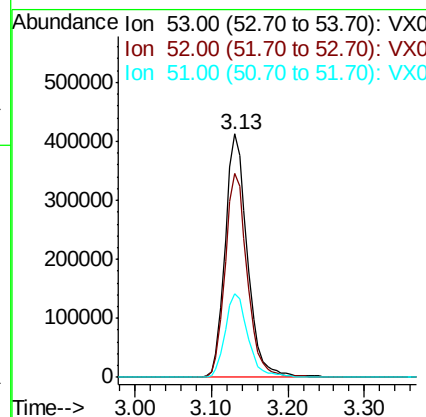
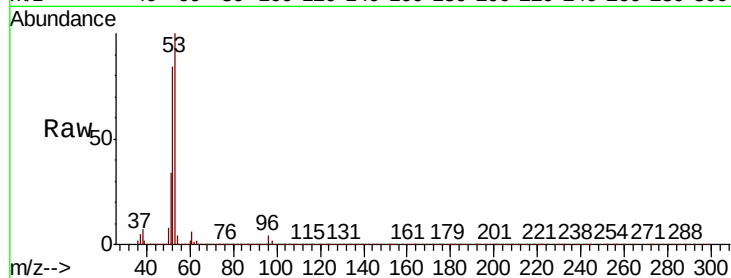
#15
 Acrylonitrile
 Concen: 240.716 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	825354
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.2	99.2
51	35.4	29.0	43.6

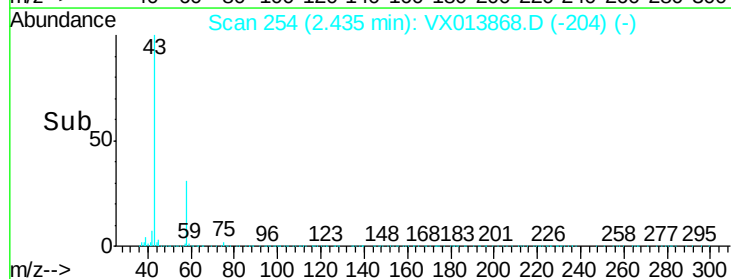
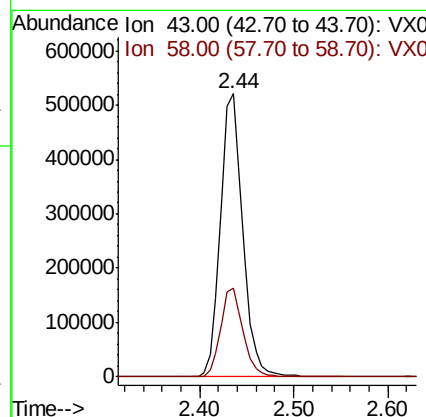
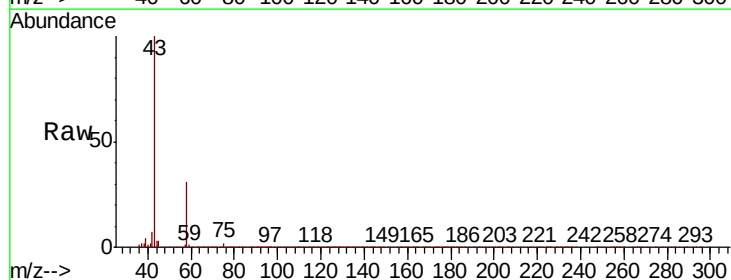
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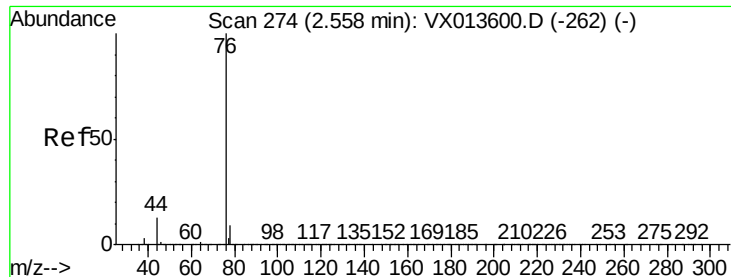
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#16
 Acetone
 Concen: 256.113 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Tgt Ion:	43	Resp:	850926
Ion Ratio		Lower	Upper
43	100		
58	31.2	24.6	36.8





#17

Carbon Disulfide

Concen: 40.554 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 637839

Ion Ratio Lower Upper

76 100

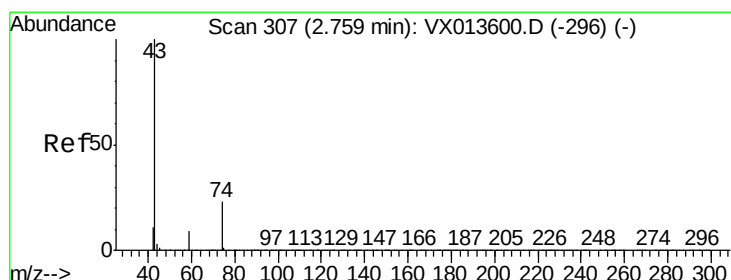
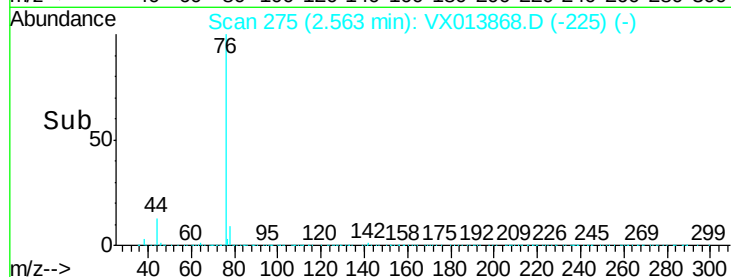
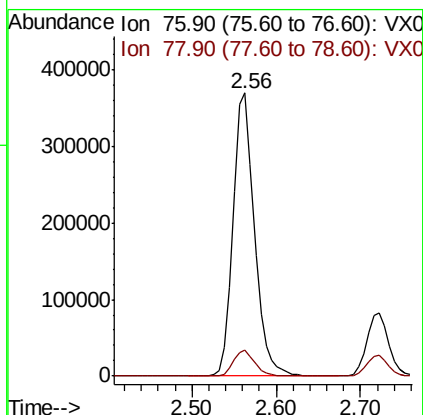
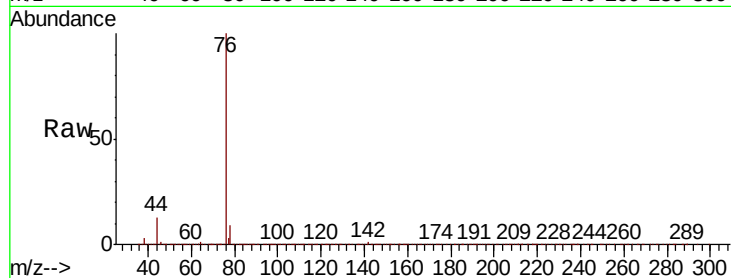
78 9.2 7.2 10.8

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#18

Methyl Acetate

Concen: 51.602 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013868.D

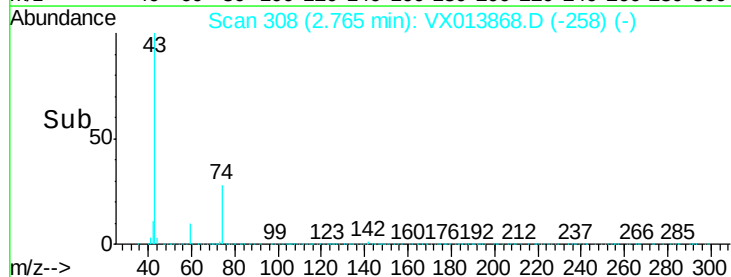
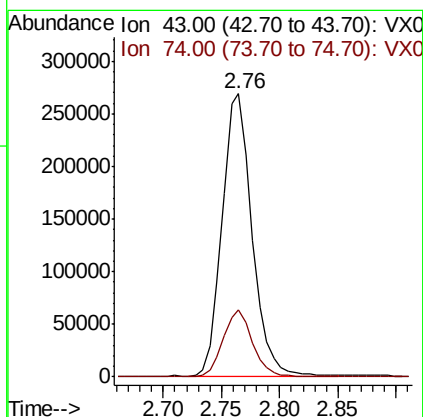
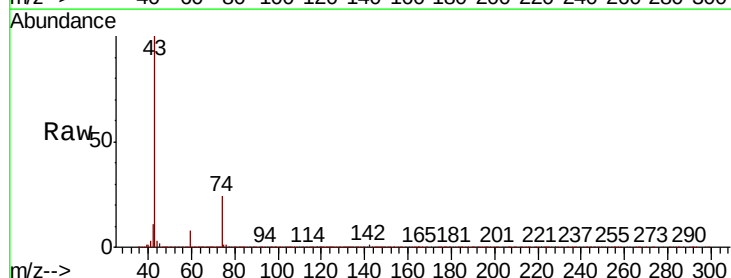
Acq: 09 Dec 2019 22:01

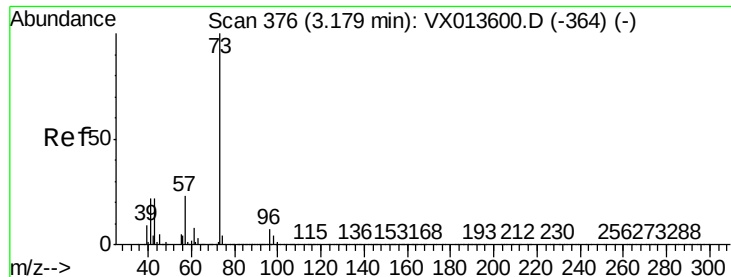
Tgt Ion: 43 Resp: 477413

Ion Ratio Lower Upper

43 100

74 24.0 19.5 29.3





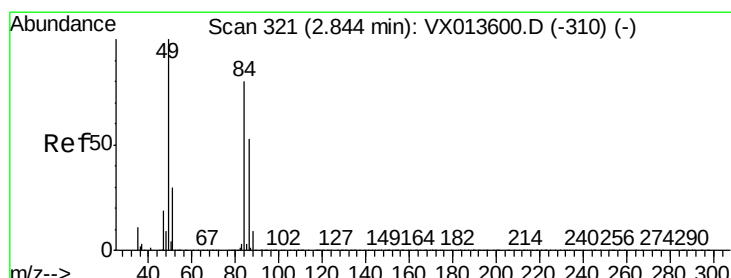
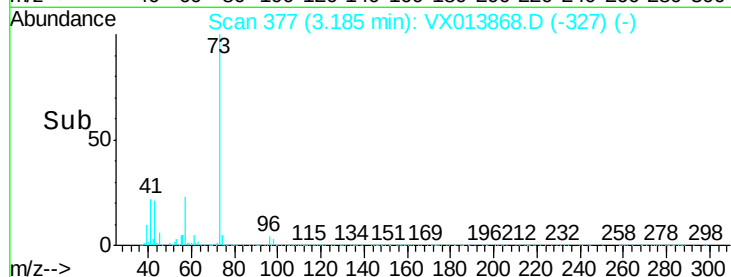
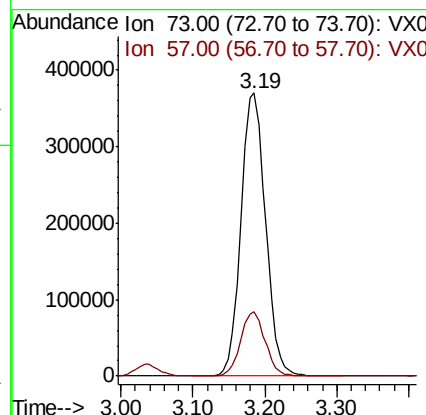
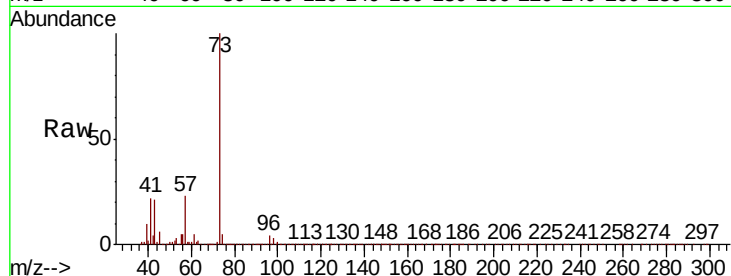
#19
Methyl tert-butyl Ether
Concen: 48.001 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.3	27.5

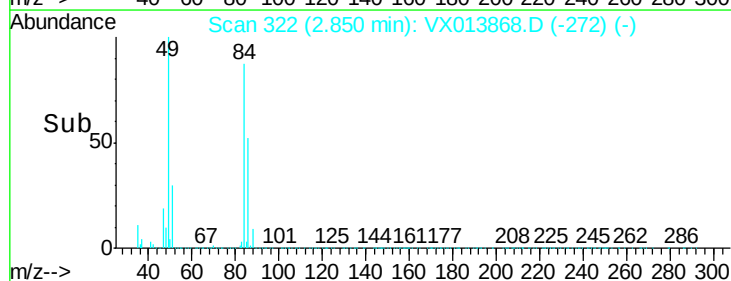
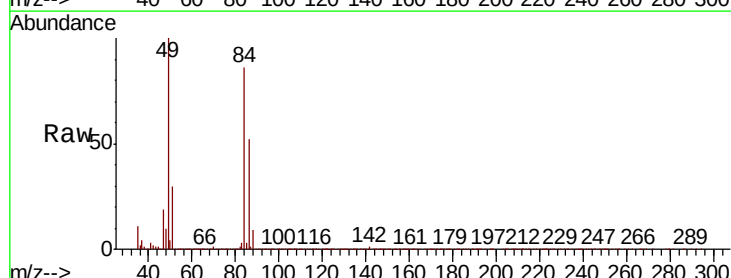
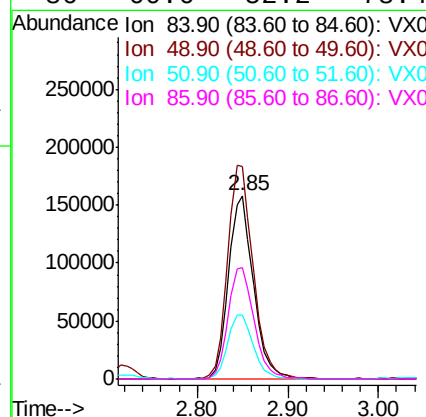
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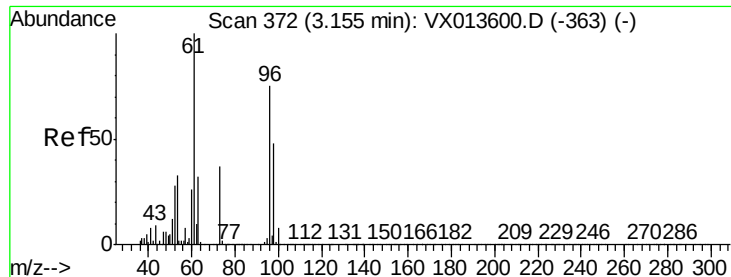
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#20
Methylene Chloride
Concen: 47.224 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.6	99.7	149.5
51	35.0	29.9	44.9
86	60.6	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 45.326 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

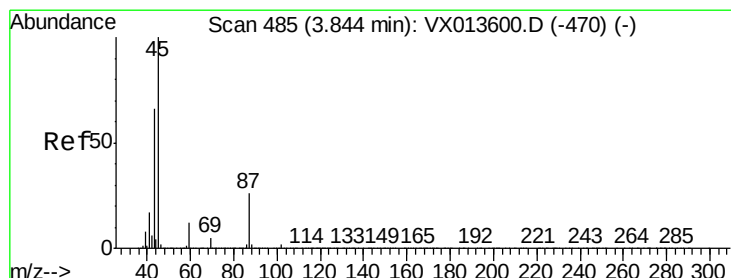
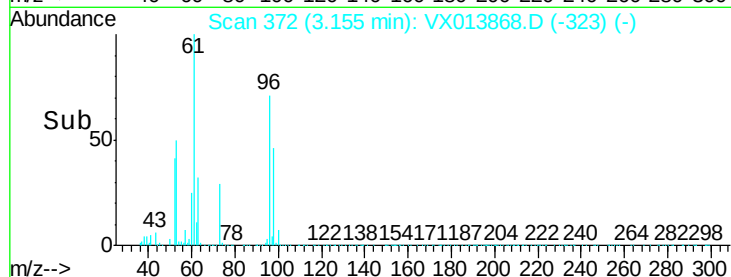
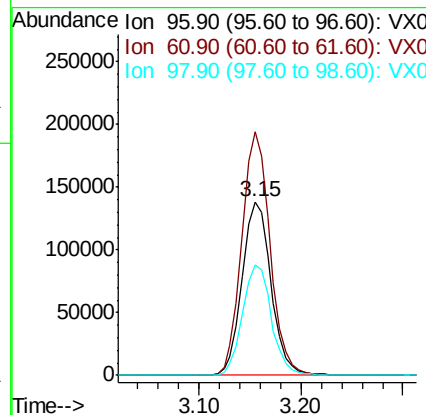
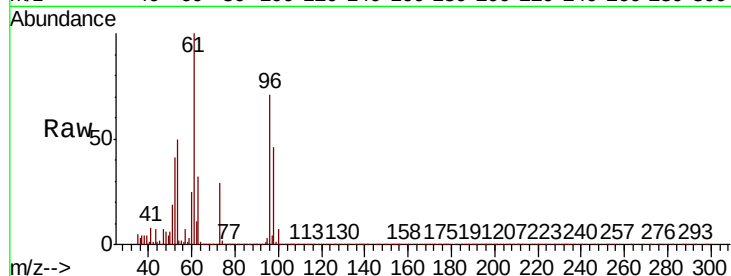
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	272430
Ion	Ratio	Lower	Upper
96	100		
61	140.1	107.2	160.8
98	63.7	51.4	77.0

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#22

Diisopropyl ether

Concen: 49.056 ug/l

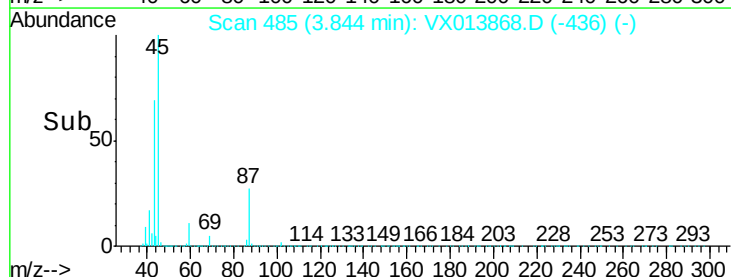
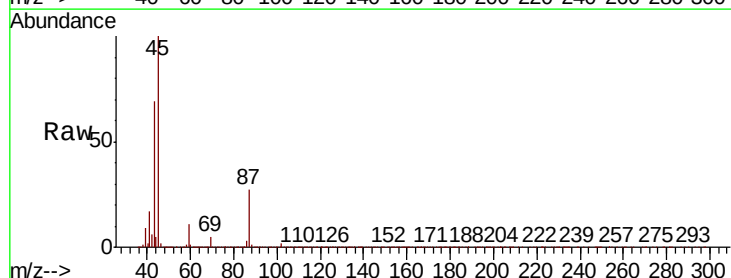
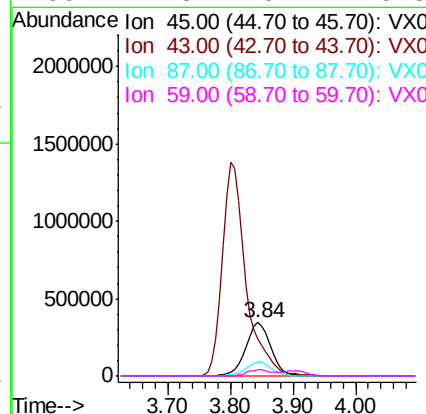
RT: 3.84 min Scan# 485

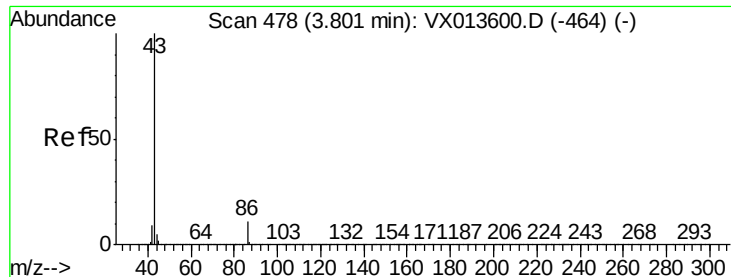
Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Tgt Ion:	45	Resp:	945761
Ion	Ratio	Lower	Upper
45	100		
43	68.7	52.6	79.0
87	26.7	21.1	31.7
59	11.3	9.2	13.8





#23

Vinyl Acetate

Concen: 224.760 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3604795

Ion Ratio Lower Upper

43 100

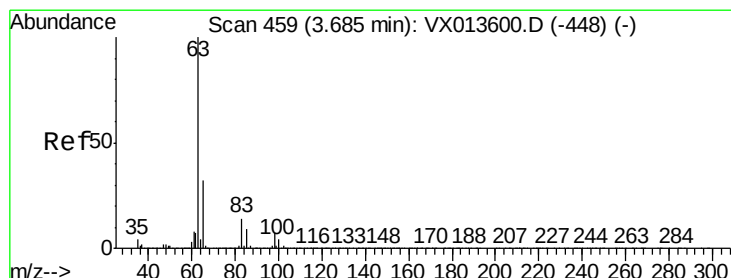
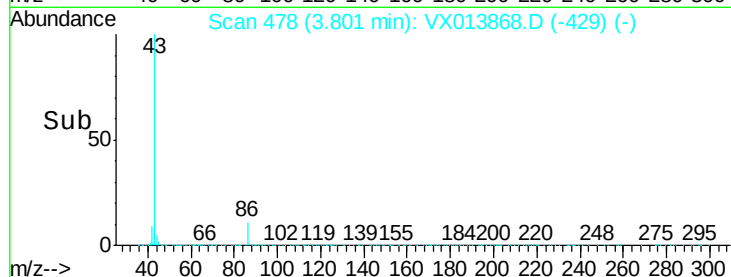
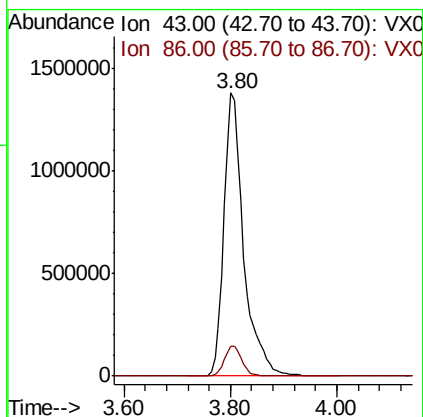
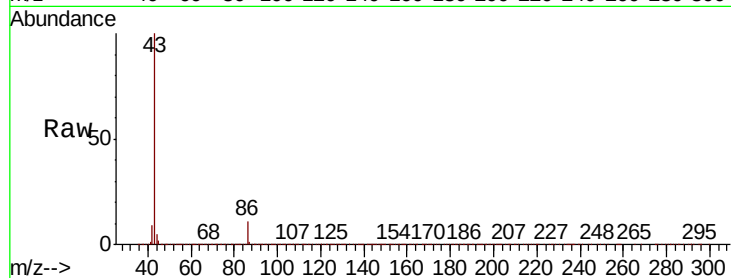
86 10.7 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 48.565 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

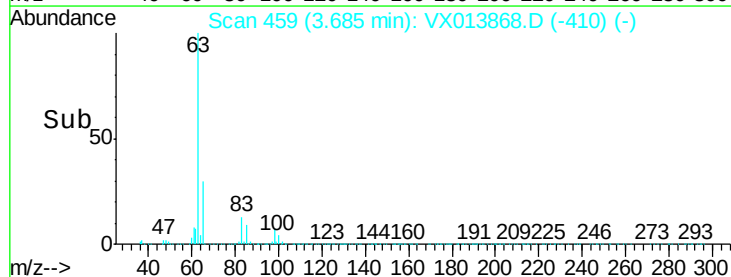
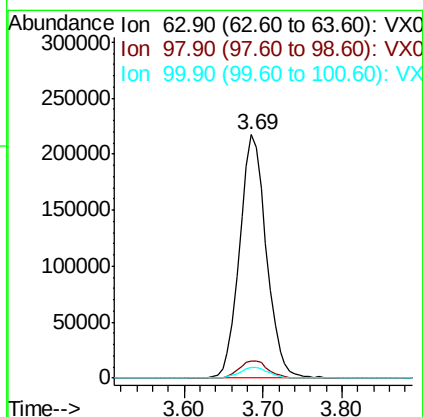
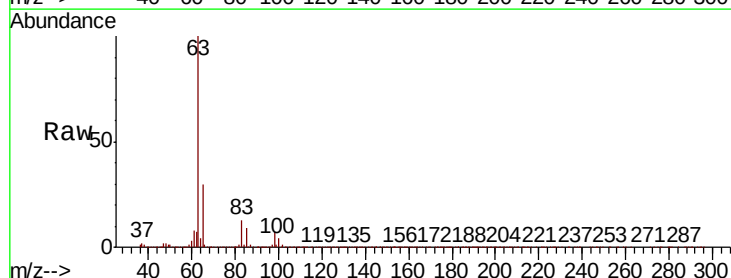
Tgt Ion: 63 Resp: 511847

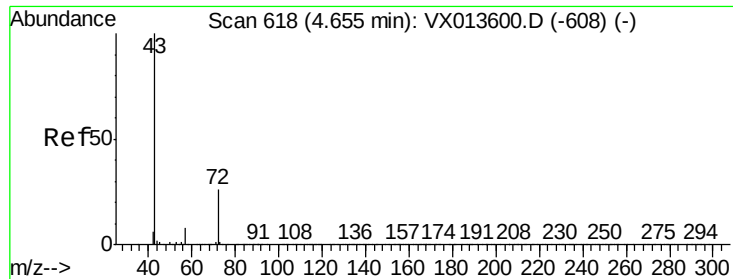
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.3 2.1 6.3





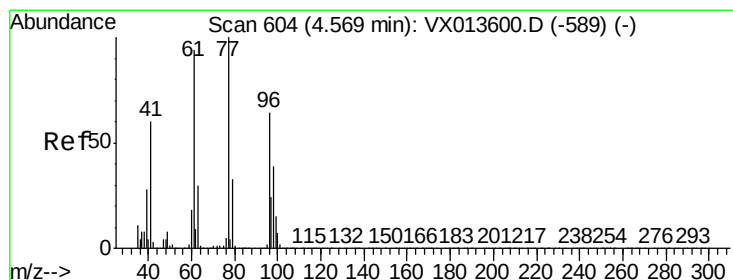
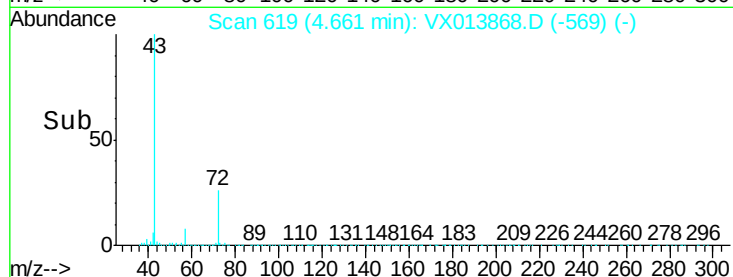
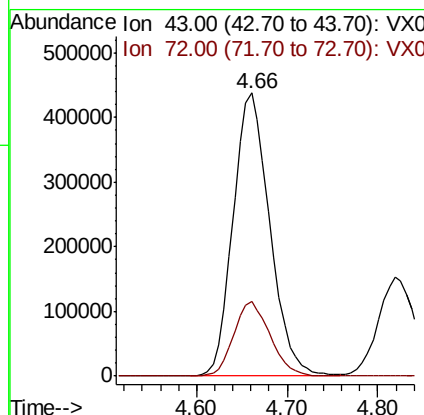
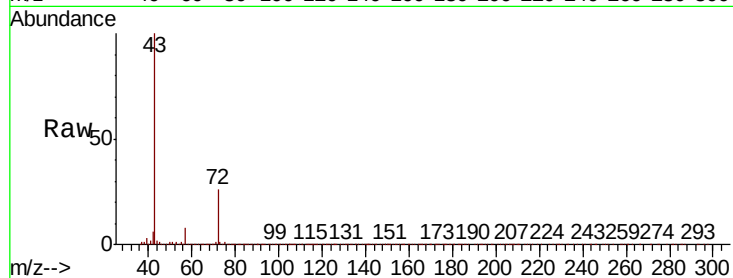
#25
2-Butanone
Concen: 247.261 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1220929
Ion Ratio Lower Upper
43 100
72 26.3 20.6 31.0

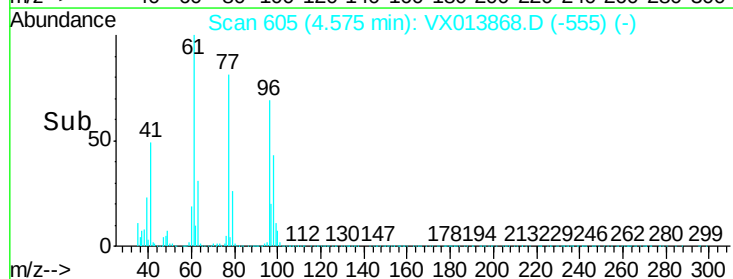
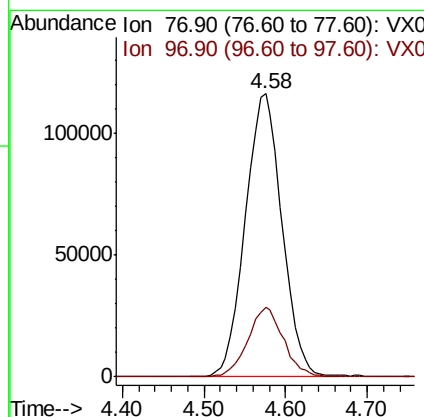
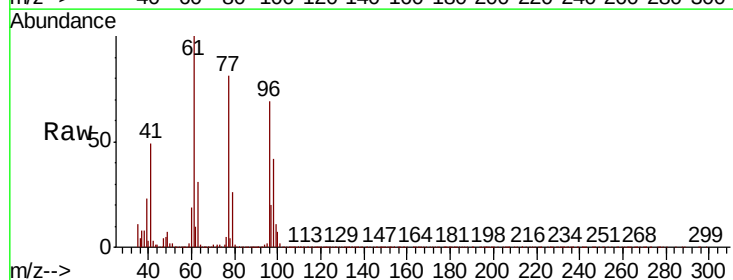
Manual Integrations
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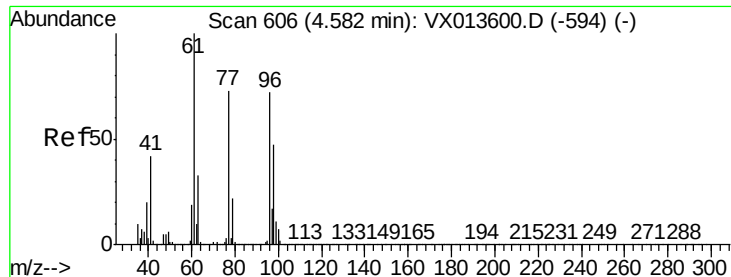
apatel
12/11/2019 8:54:42 AM



#26
2,2-Dichloropropane
Concen: 41.544 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion: 77 Resp: 362261
Ion Ratio Lower Upper
77 100
97 23.6 12.0 36.1





#27

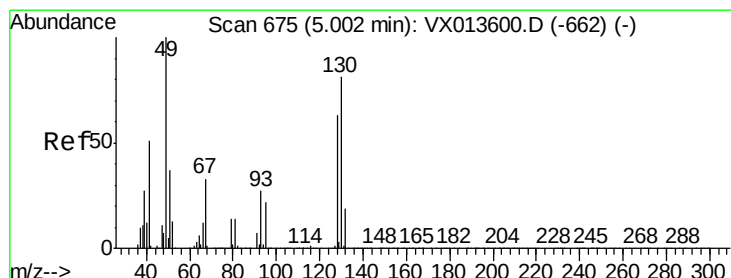
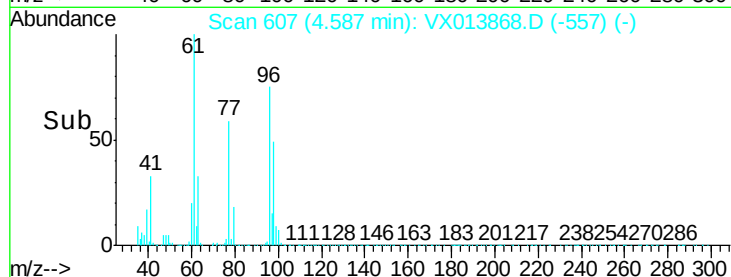
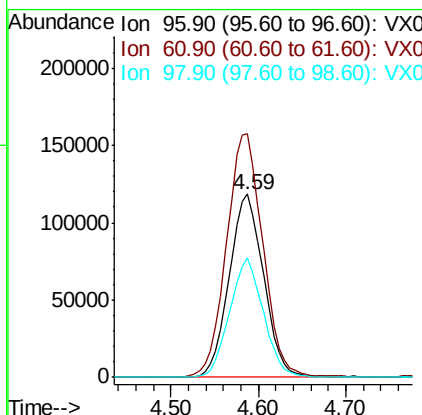
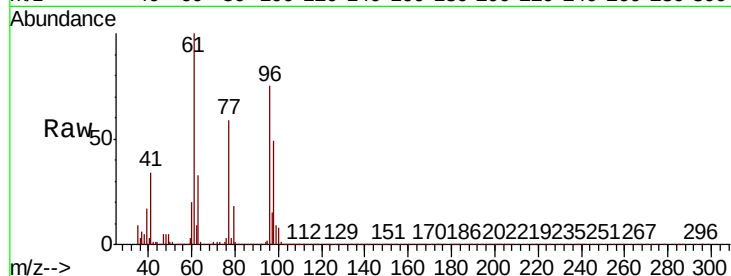
cis-1,2-Dichloroethene
 Concen: 46.686 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	286.4
98	64.0	0.0	127.4

Manual Integrations
 APPROVED

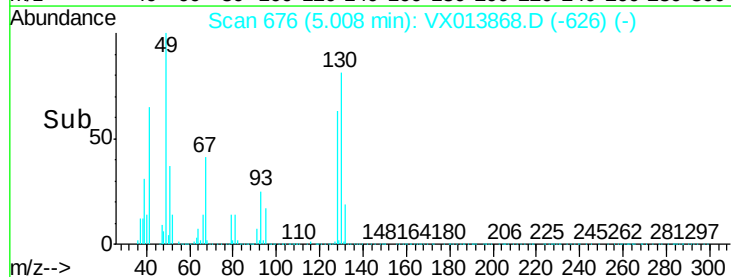
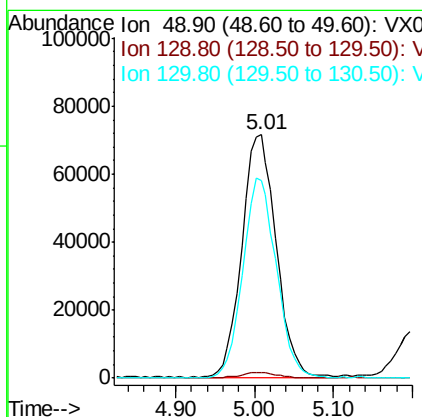
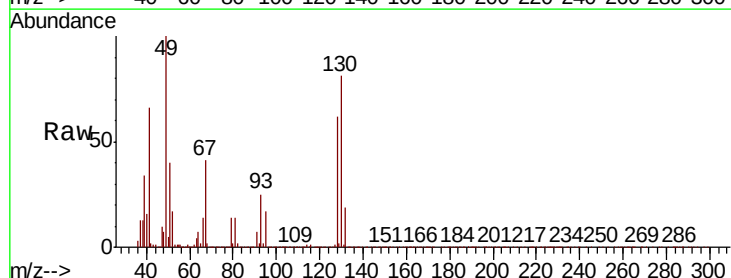
apatel
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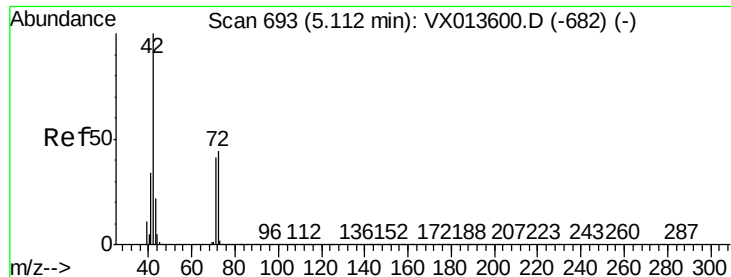


#28

Bromochloromethane
 Concen: 51.934 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	80.8	65.4	98.0





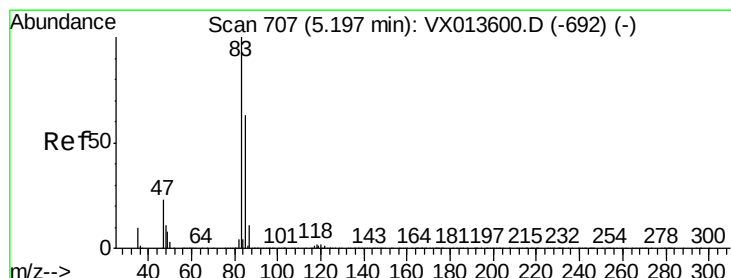
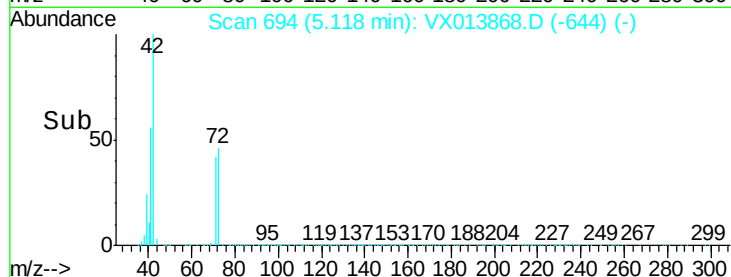
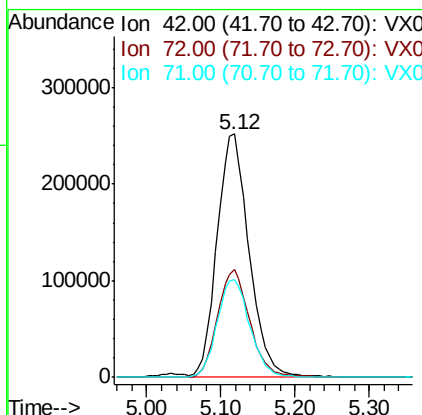
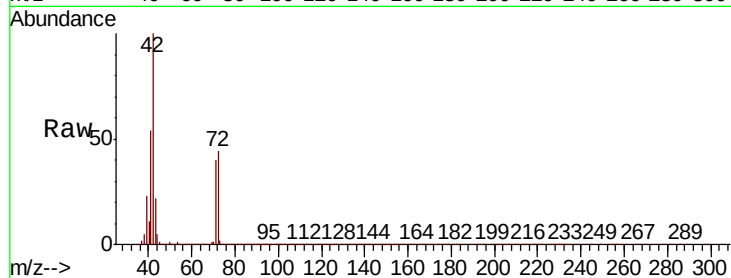
#29
Tetrahydrofuran
Concen: 244.598 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.3	54.5
71	41.6	33.2	49.8

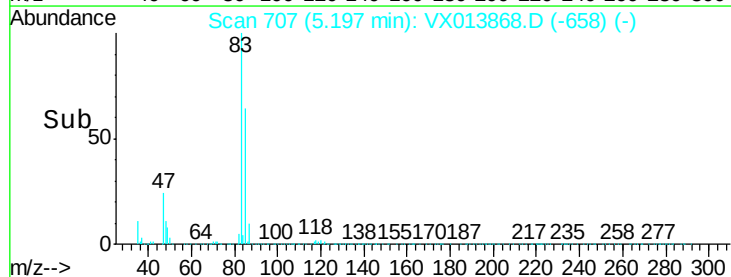
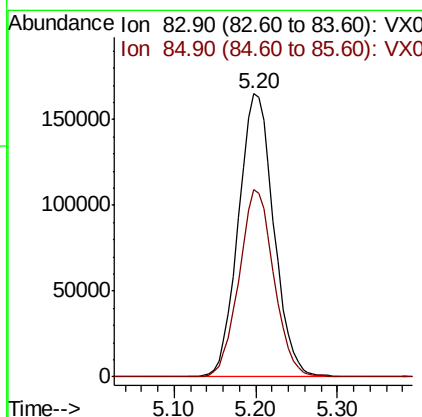
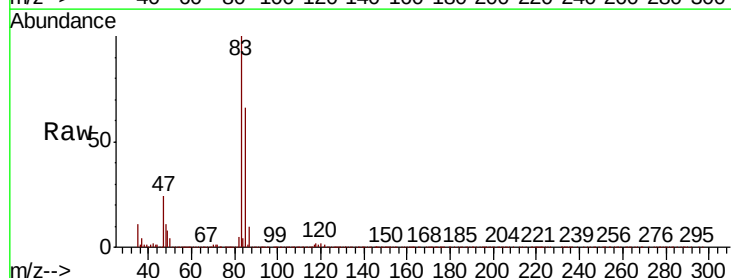
Manual Integrations
APPROVED

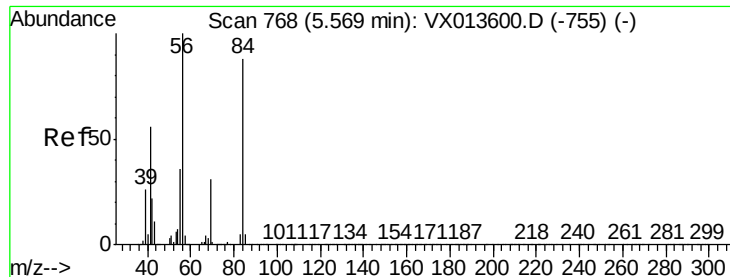
apatel
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#30
Chloroform
Concen: 46.295 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.2	75.4





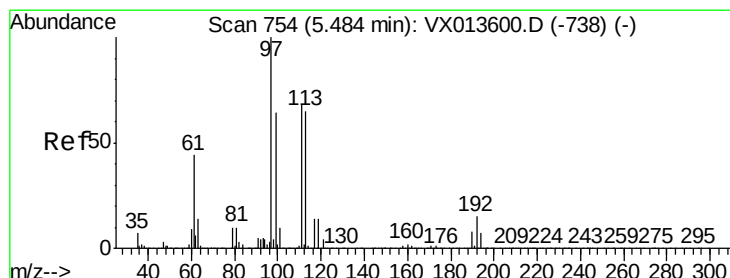
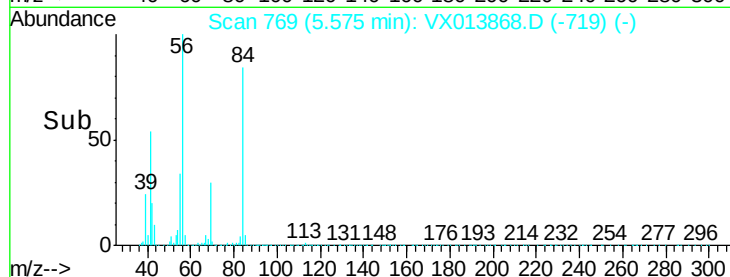
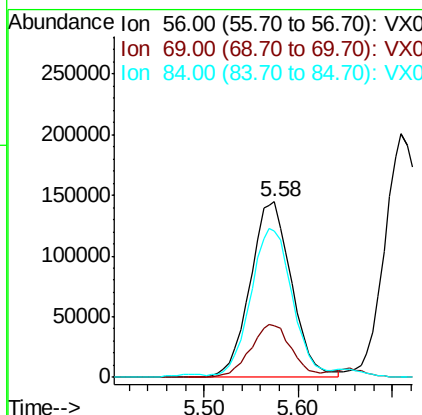
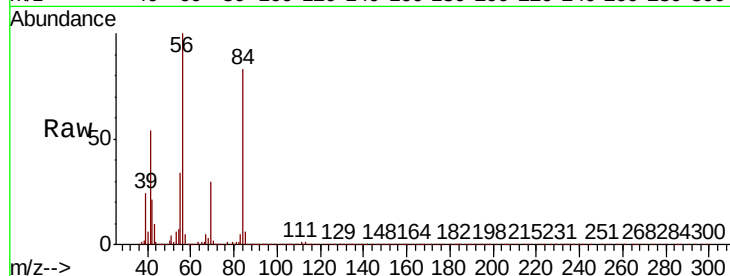
#31
Cyclohexane
Concen: 44.670 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.6	24.6	36.8	
84	81.8	70.0	105.0	

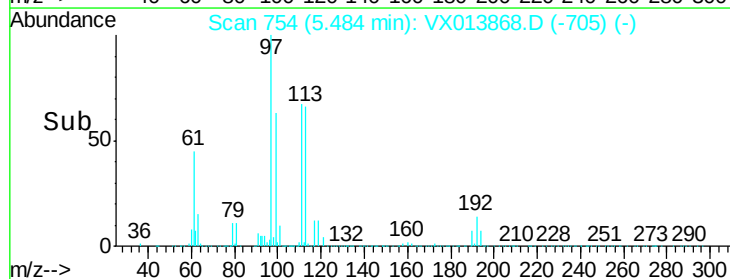
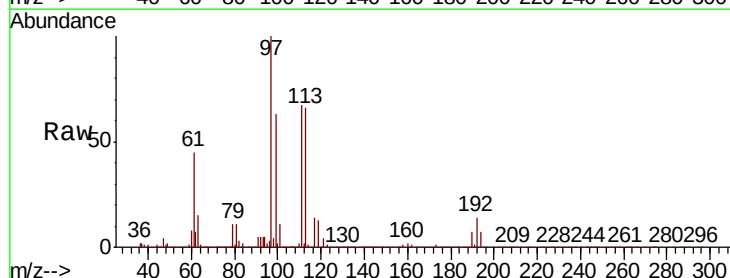
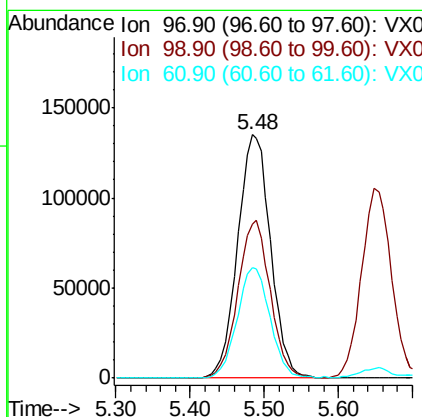
Manual Integrations
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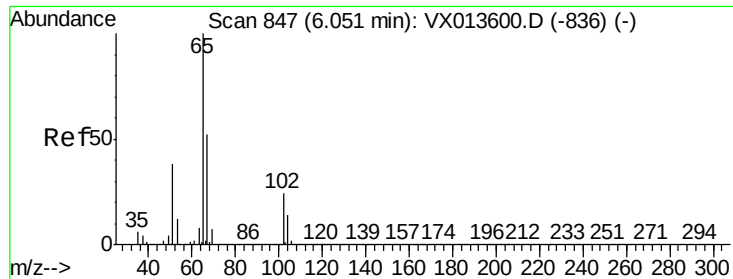
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#32
1,1,1-Trichloroethane
Concen: 46.743 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.7	51.6	77.4	
61	45.7	36.1	54.1	





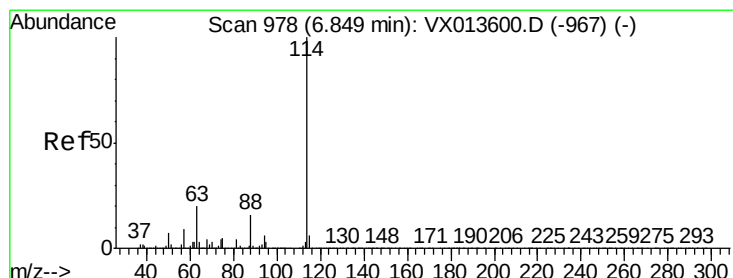
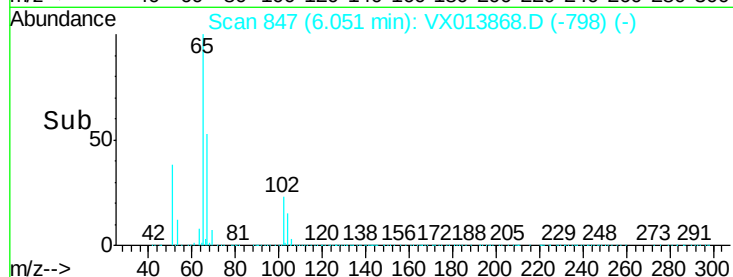
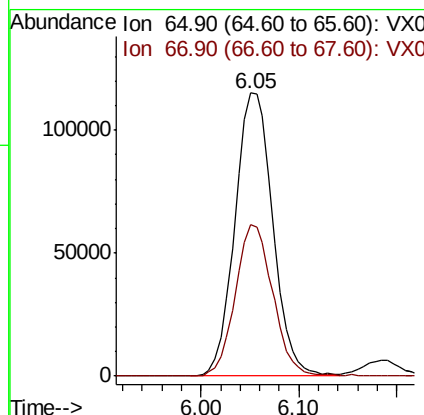
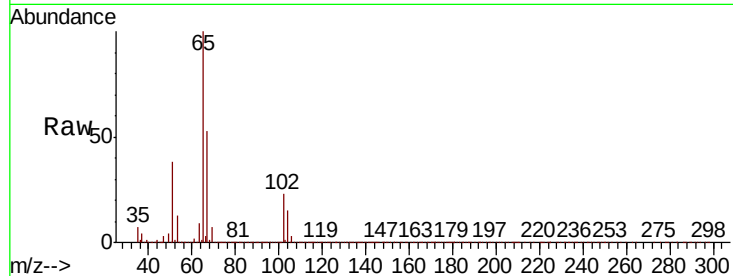
#33
 1,2-Dichloroethane-d4
 Concen: 45.929 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.4

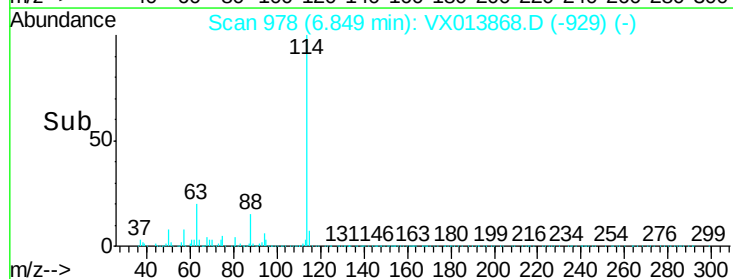
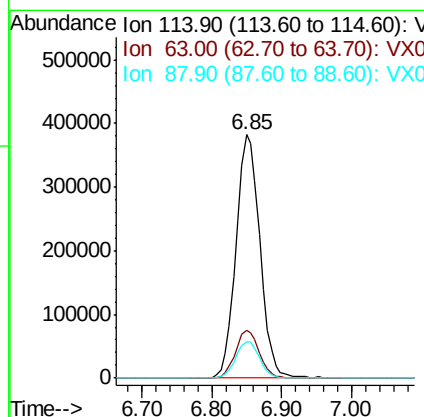
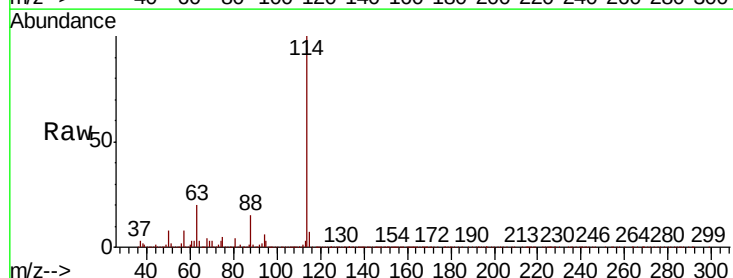
Manual Integrations
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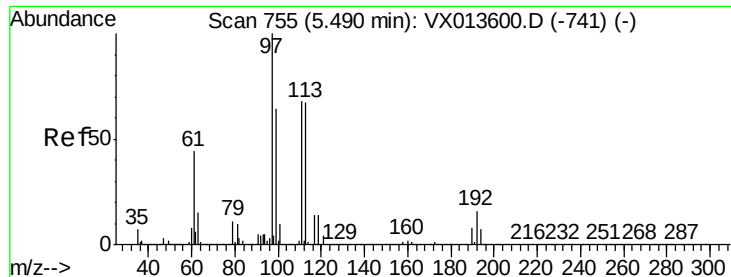
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.6
88	15.0	0.0	31.4





#35

Dibromofluoromethane

Concen: 46.865 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

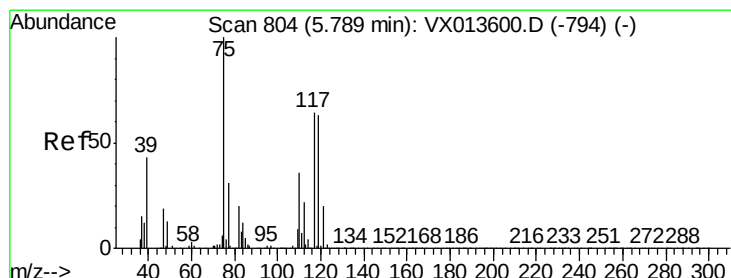
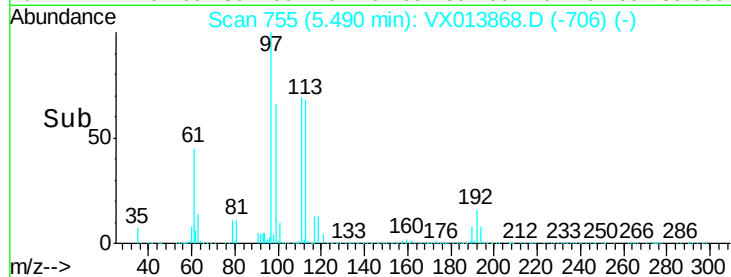
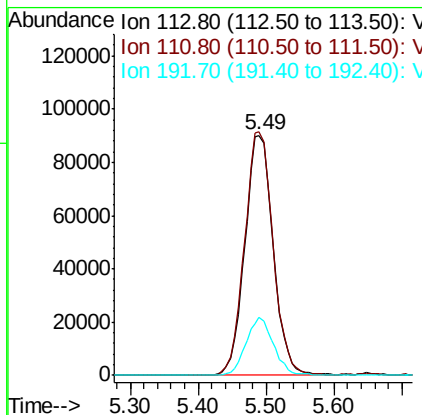
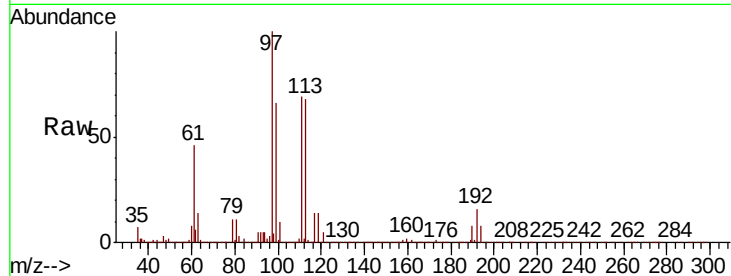
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	262471
Ion Ratio	Lower	Upper	
113	100		
111	101.4	83.6	125.4
192	23.4	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 44.481 ug/l

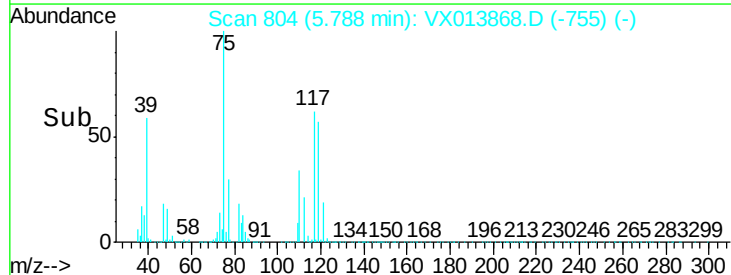
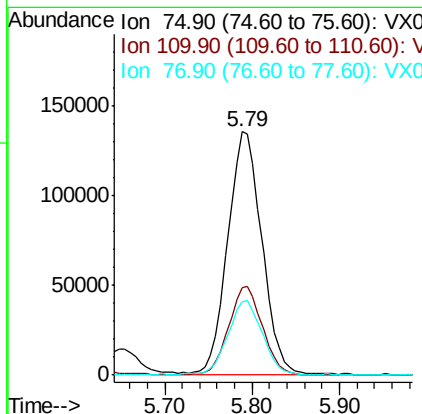
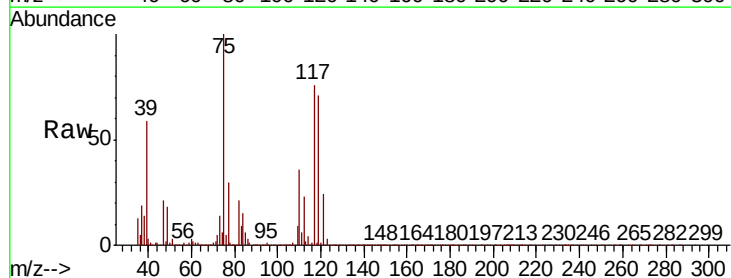
RT: 5.79 min Scan# 804

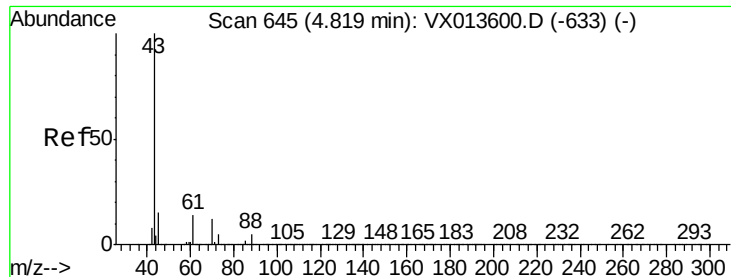
Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Tgt Ion:	75	Resp:	365796
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.1
77	30.3	24.5	36.7





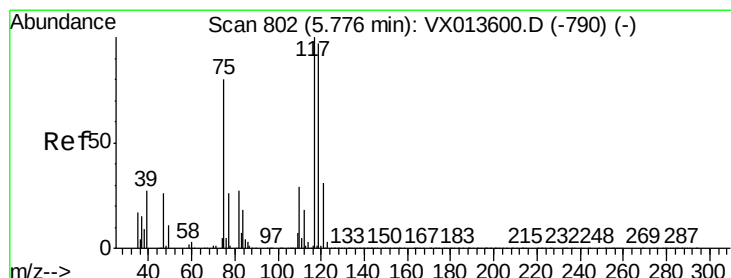
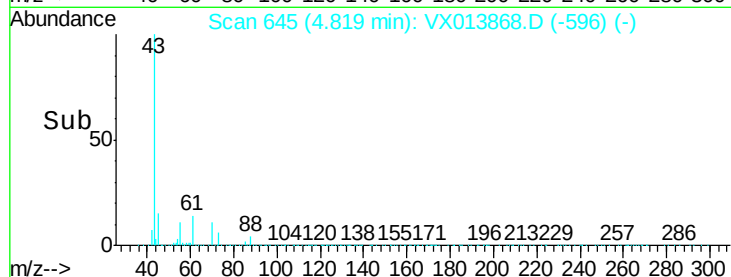
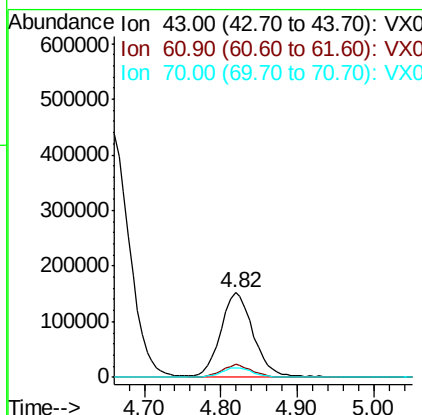
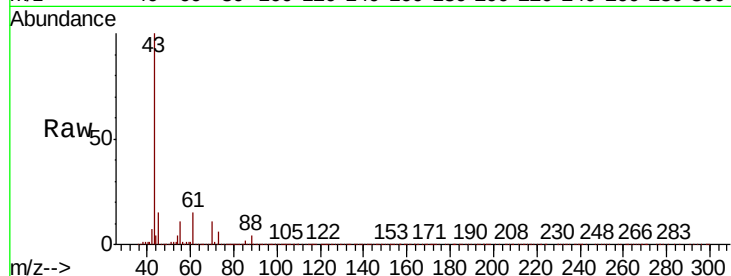
#37
Ethyl Acetate
Concen: 48.087 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.7	8.6	12.8

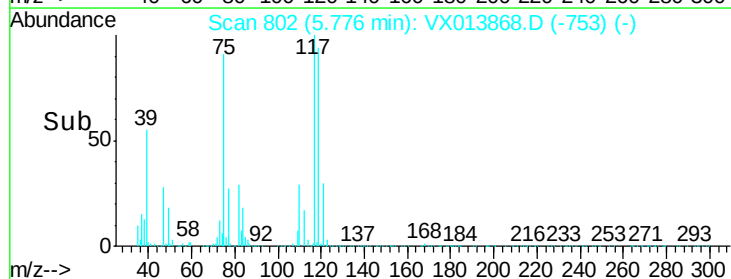
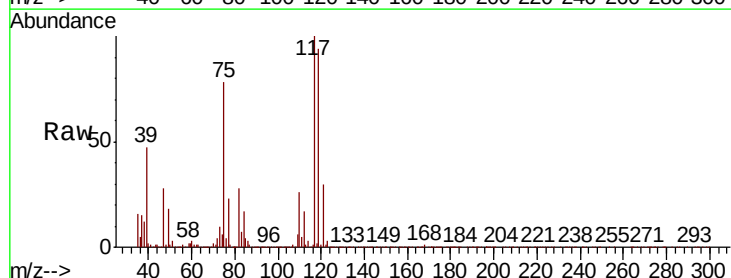
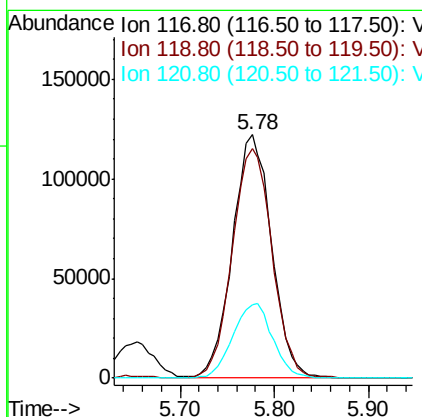
Manual Integrations
APPROVED

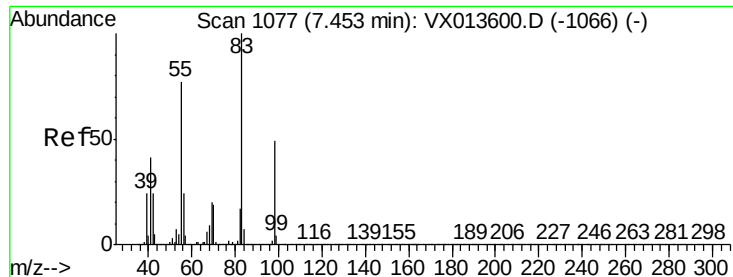
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#38
Carbon Tetrachloride
Concen: 46.511 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.5	116.3
121	29.9	25.0	37.6





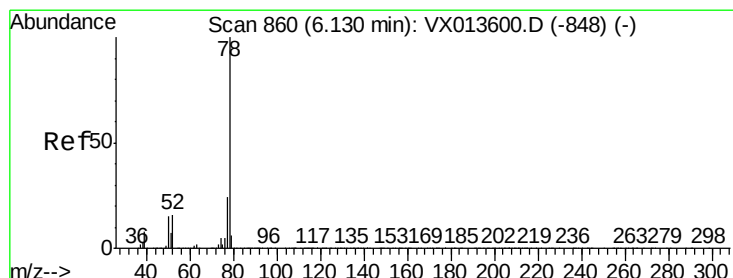
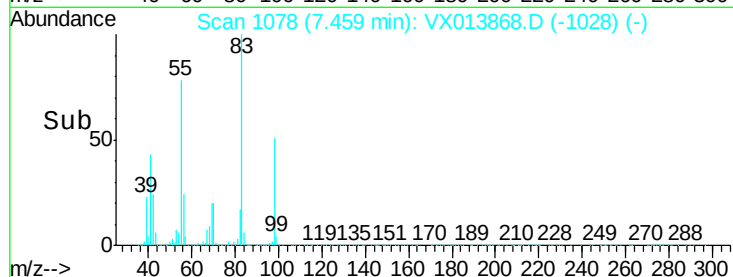
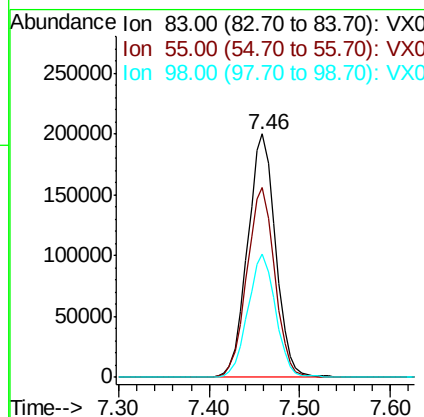
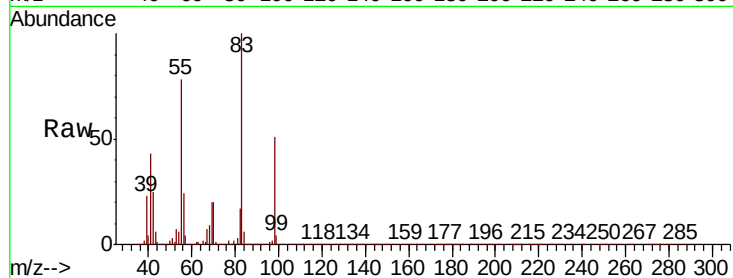
#39
Methylvlcyclohexane
Concen: 42.164 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	61.9	92.9
98	50.6	39.4	59.0

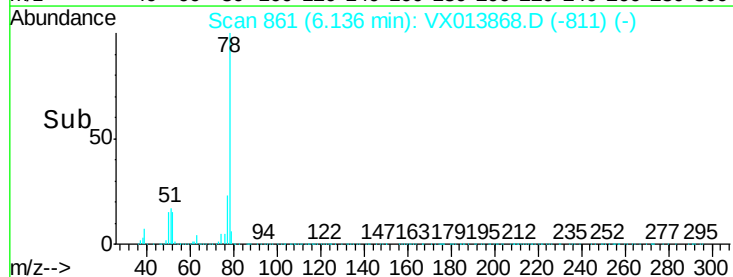
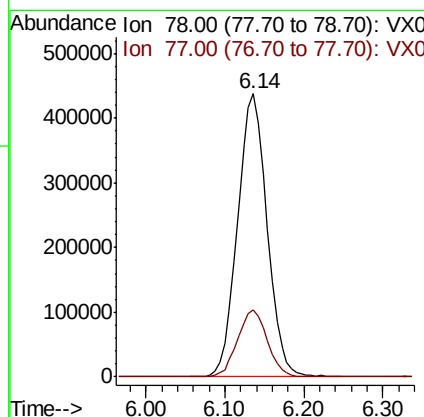
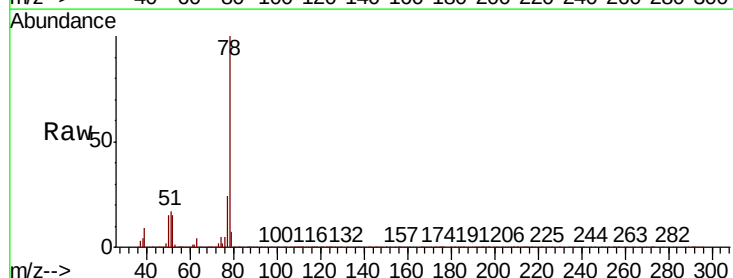
Manual Integrations
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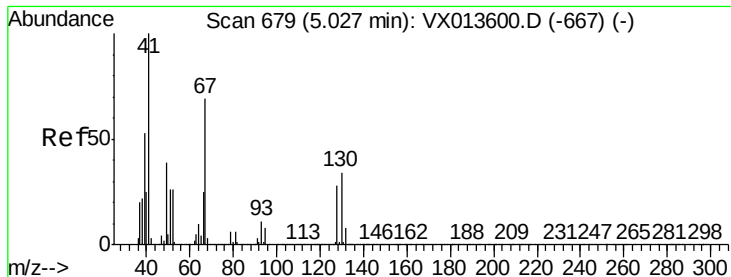
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#40
Benzene
Concen: 45.441 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





#41

Methacrylonitrile

Concen: 49.047 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

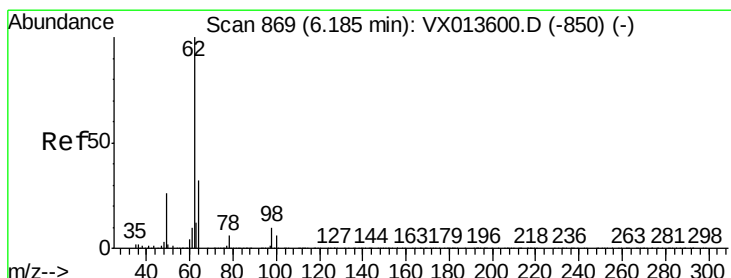
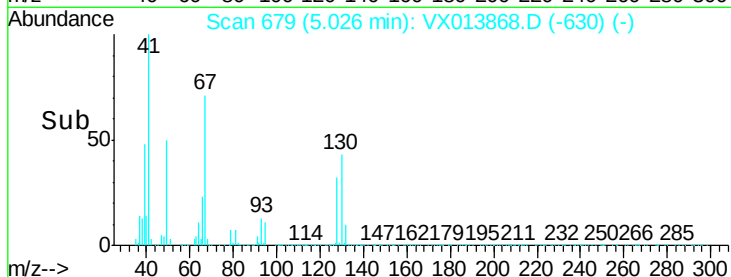
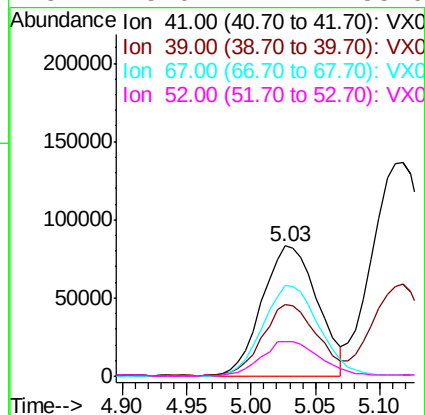
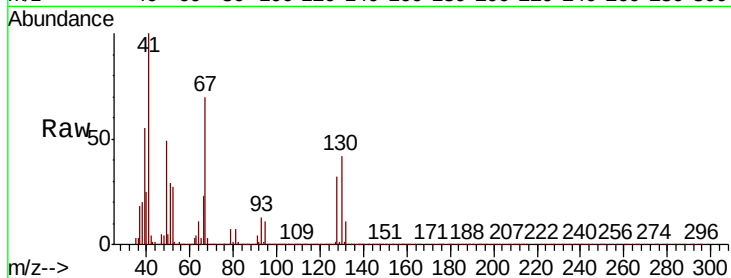
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
248154	41	100		
	39	53.3	42.9	64.3
	67	71.5	57.4	86.0
	52	28.0	22.4	33.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 46.630 ug/l

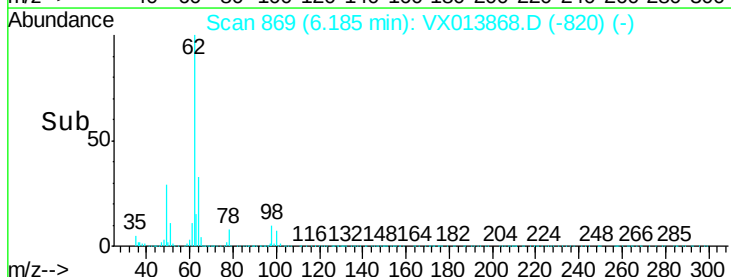
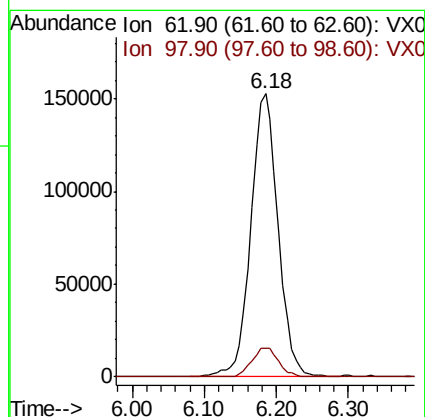
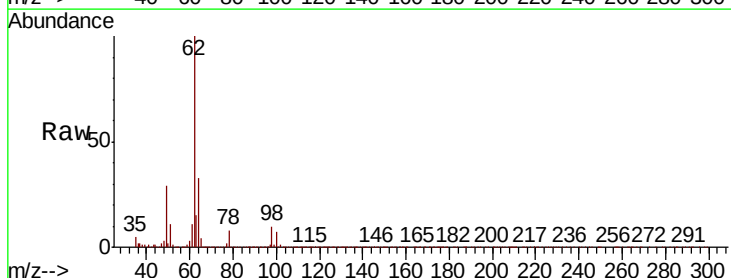
RT: 6.18 min Scan# 869

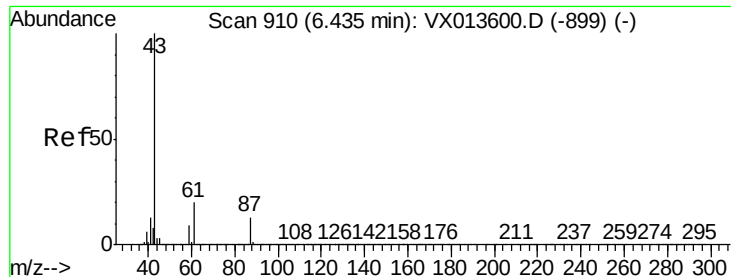
Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
398300	62	100		
	98	10.4	0.0	20.8





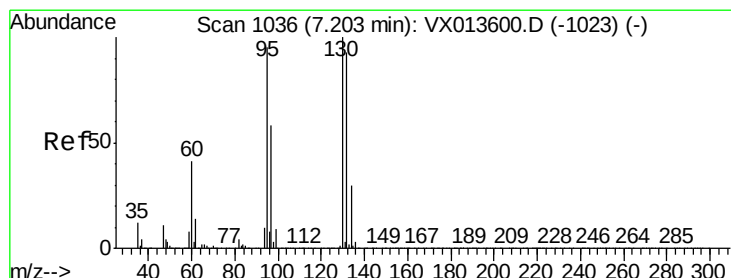
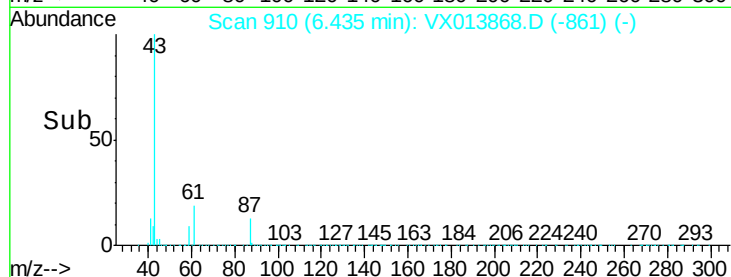
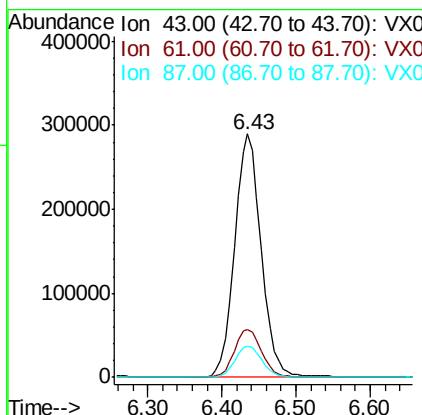
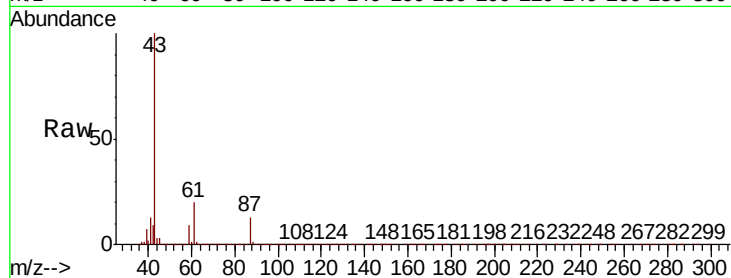
#43
Isopropyl Acetate
Concen: 47.245 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.3	24.5
87	13.2	10.8	16.2

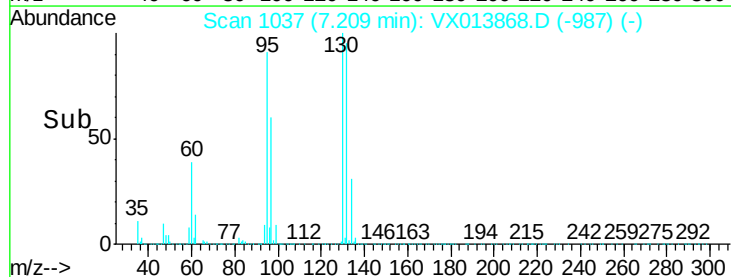
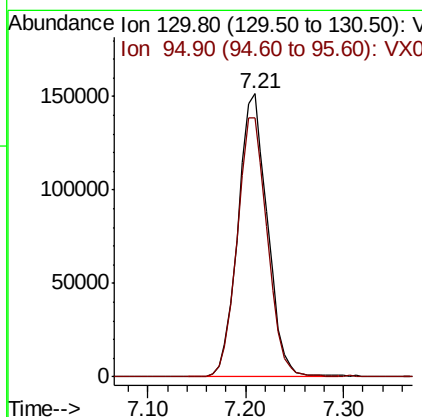
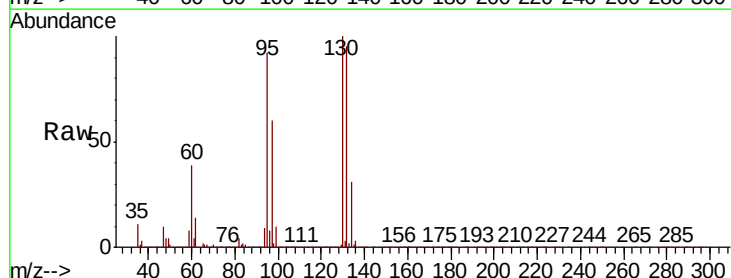
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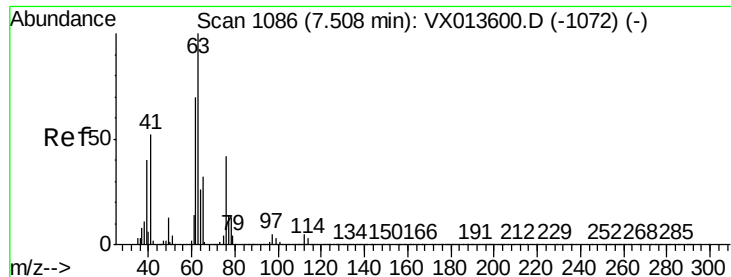
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#44
Trichloroethene
Concen: 45.977 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	190.8





#45

1,2-Dichloropropane

Concen: 48.662 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 304938

Ion Ratio Lower Upper

63 100

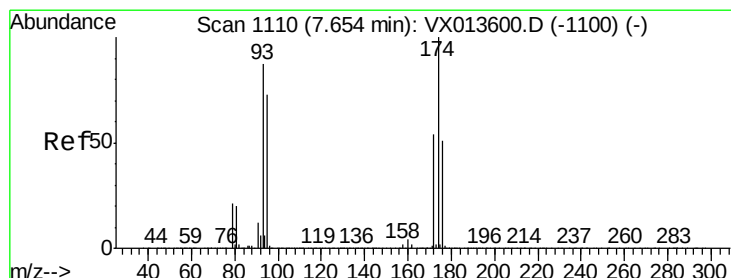
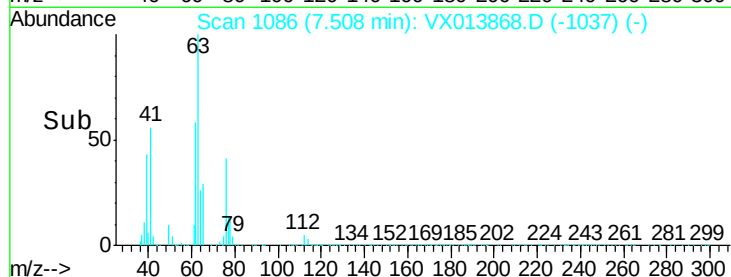
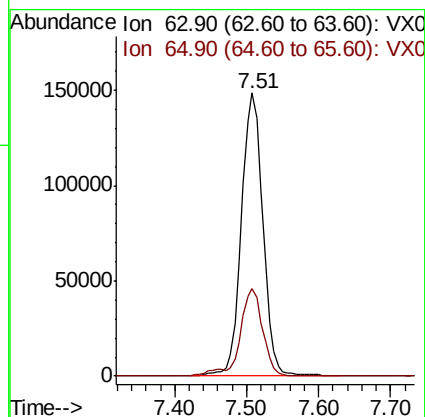
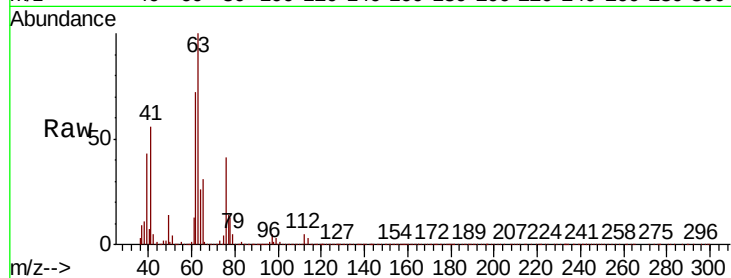
65 30.6 25.5 38.3

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#46

Dibromomethane

Concen: 45.012 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

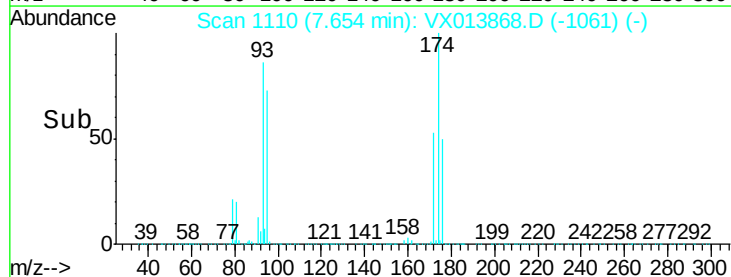
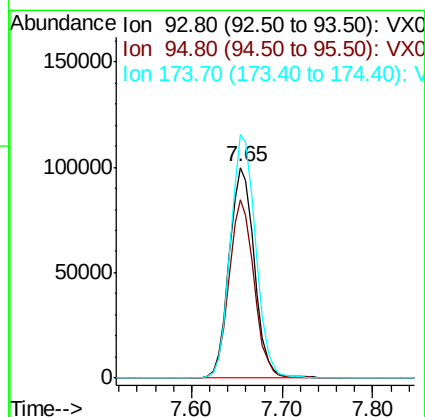
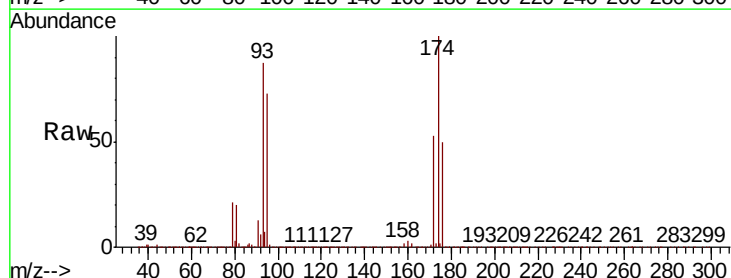
Tgt Ion: 93 Resp: 191574

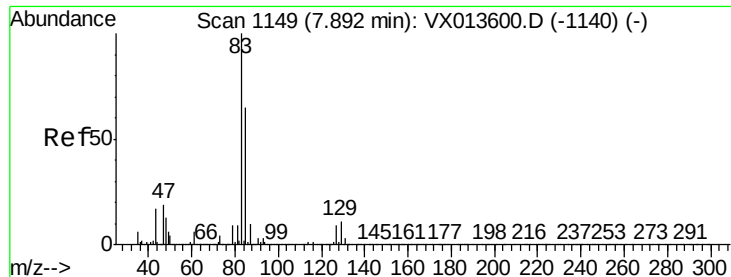
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.2

174 116.6 93.4 140.0





#47

Bromodichloromethane

Concen: 48.233 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

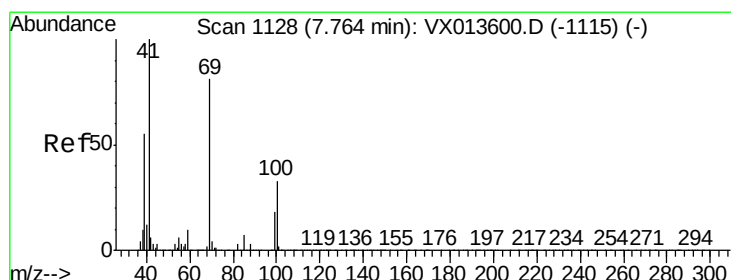
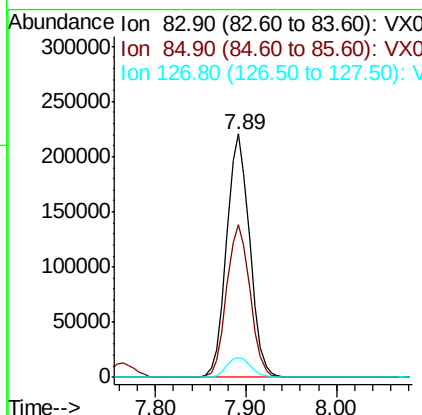
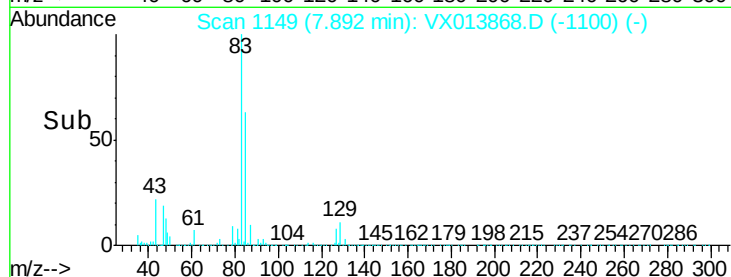
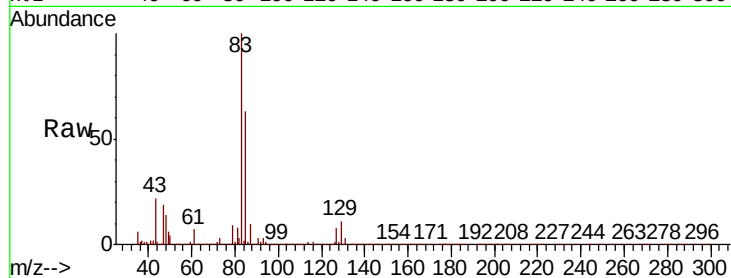
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	388075
Ion Ratio	Lower	Upper	
83	100		
85	62.9	52.1	78.1
127	8.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 48.015 ug/l

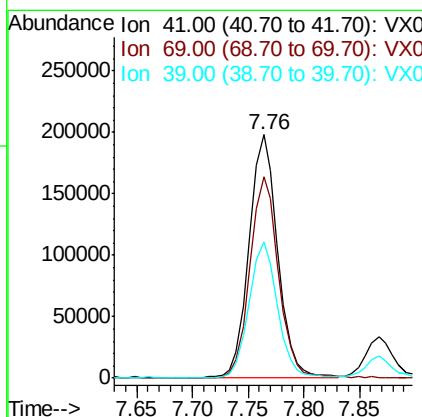
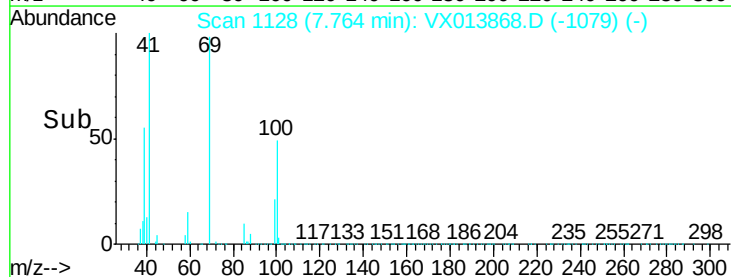
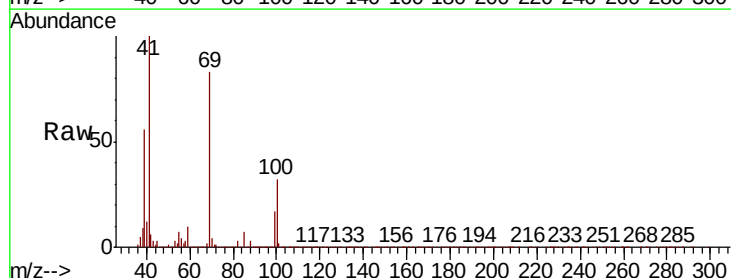
RT: 7.76 min Scan# 1128

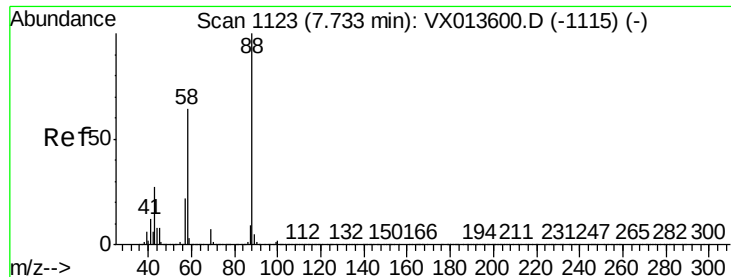
Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Tgt Ion:	41	Resp:	354333
Ion Ratio	Lower	Upper	
41	100		
69	82.6	64.7	97.1
39	55.6	43.8	65.6





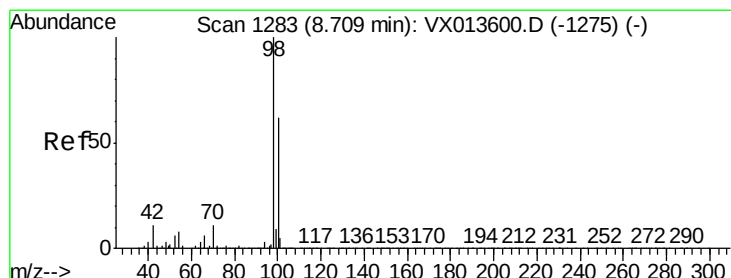
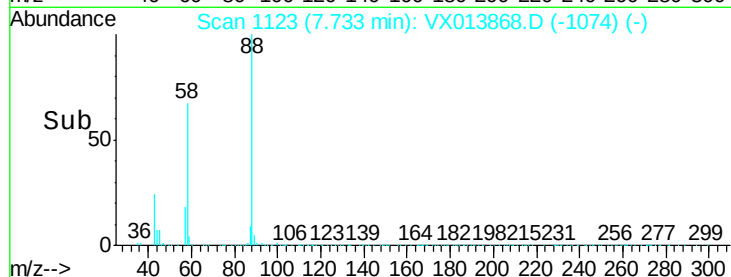
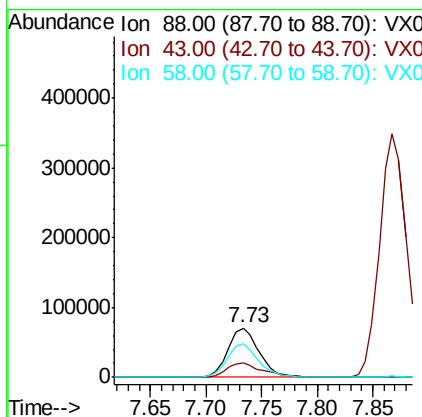
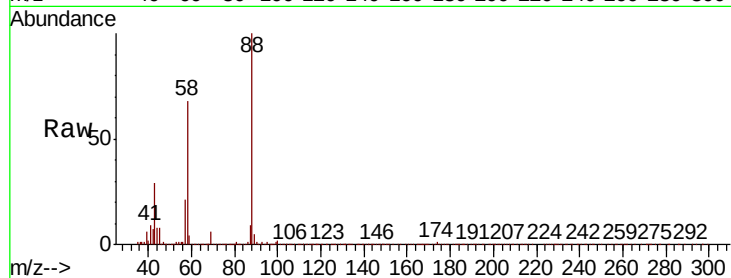
#49
1,4-Dioxane
Concen: 817.436 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.8	38.6
58	68.9	54.6	82.0

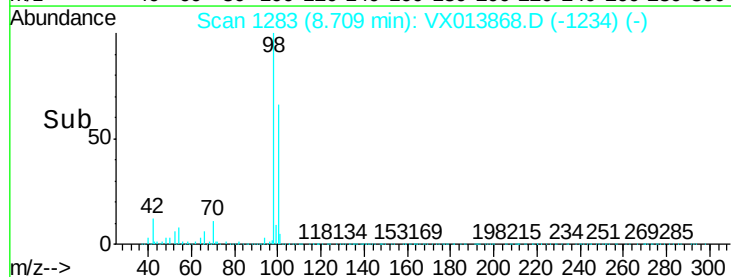
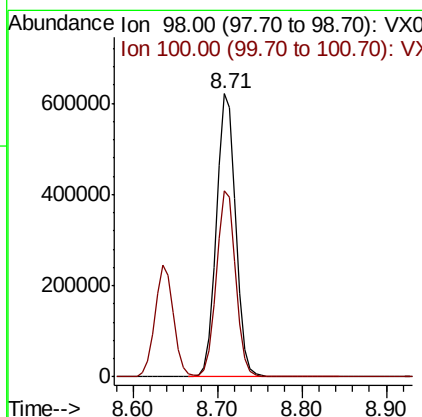
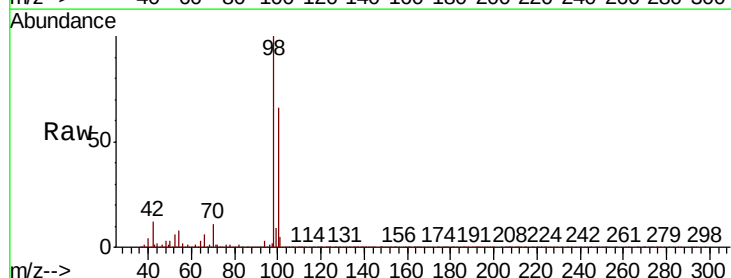
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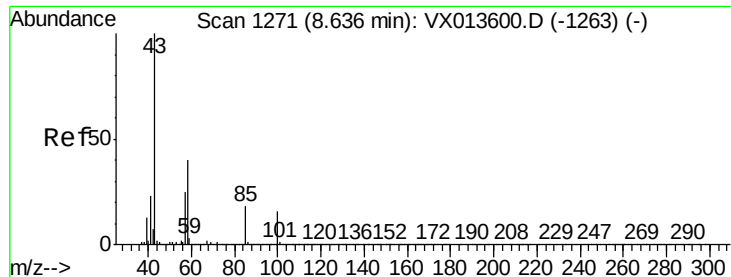
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#50
Toluene-d8
Concen: 45.142 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 240.610 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2298725

Ion Ratio Lower Upper

43 100

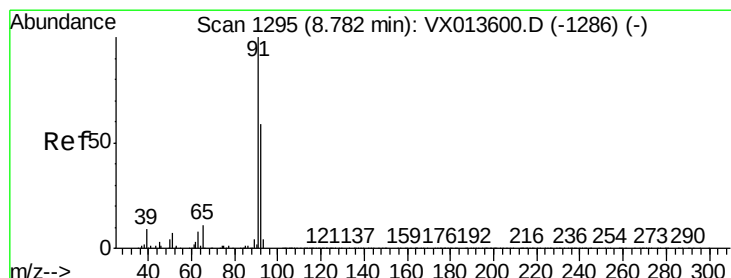
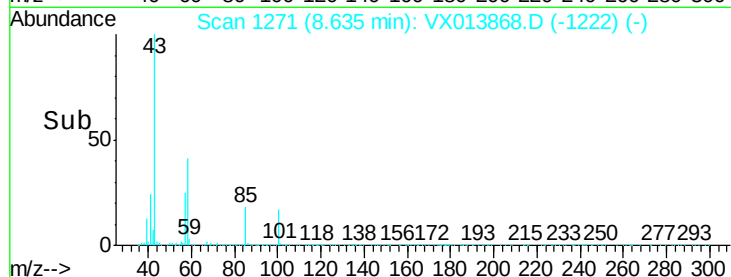
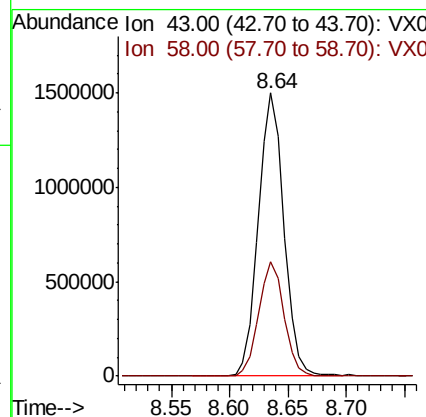
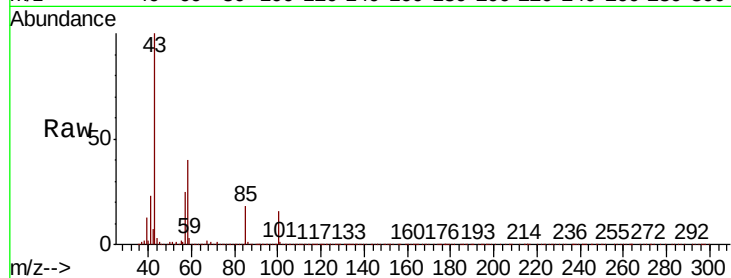
58 40.1 32.1 48.1

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#52

Toluene

Concen: 46.020 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013868.D

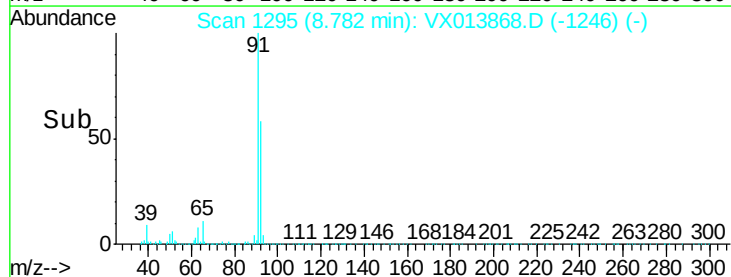
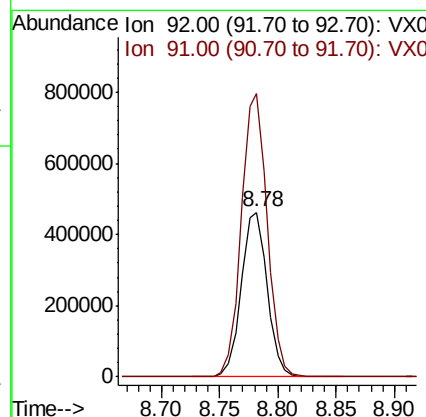
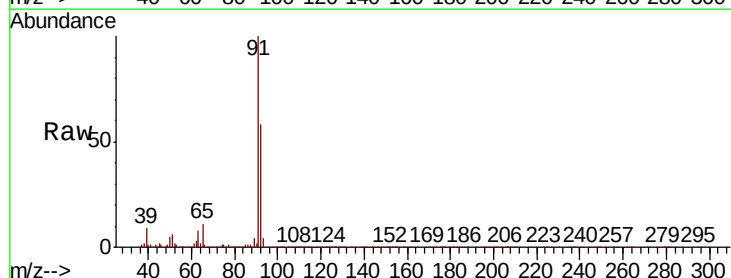
Acq: 09 Dec 2019 22:01

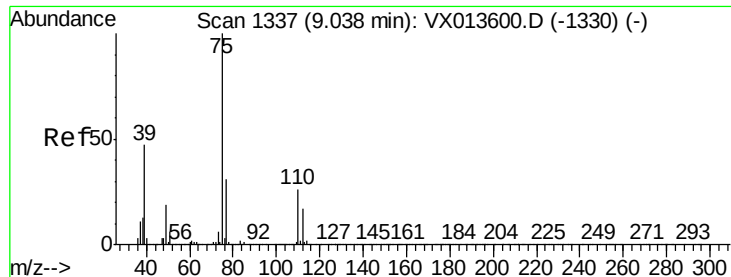
Tgt Ion: 92 Resp: 716062

Ion Ratio Lower Upper

92 100

91 172.6 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 46.235 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 423426

Ion Ratio Lower Upper

75 100

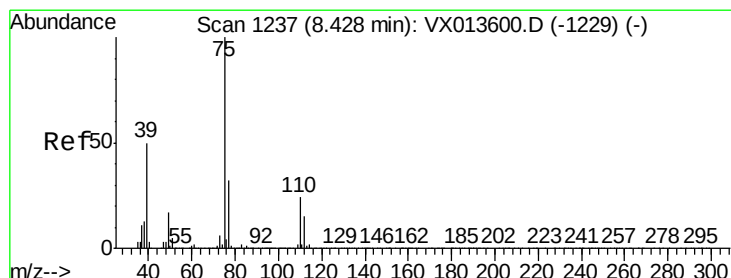
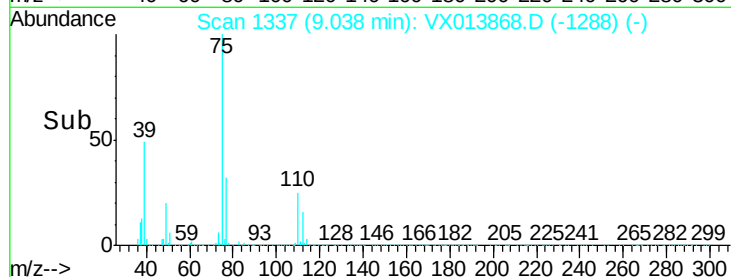
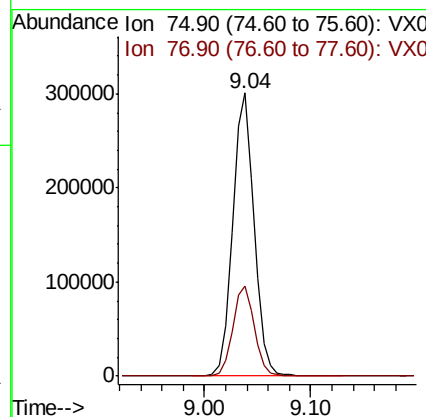
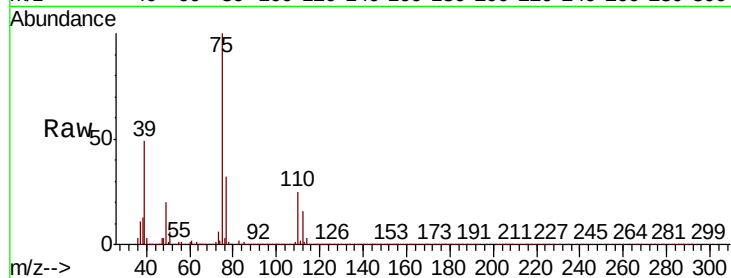
77 31.6 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 47.392 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

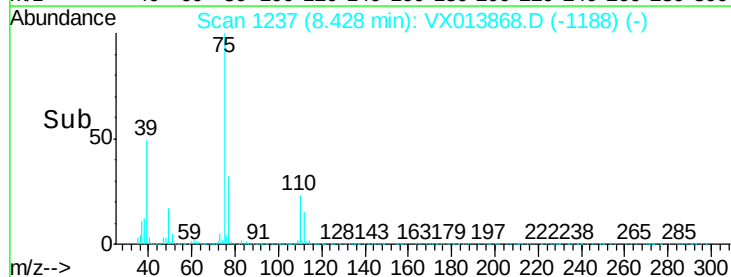
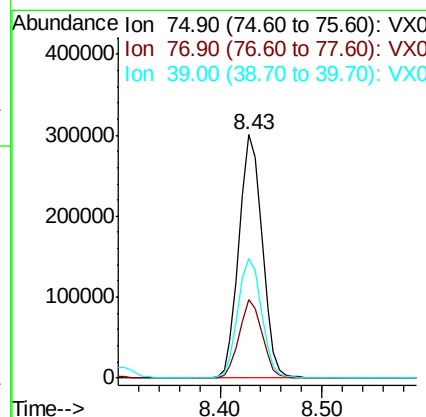
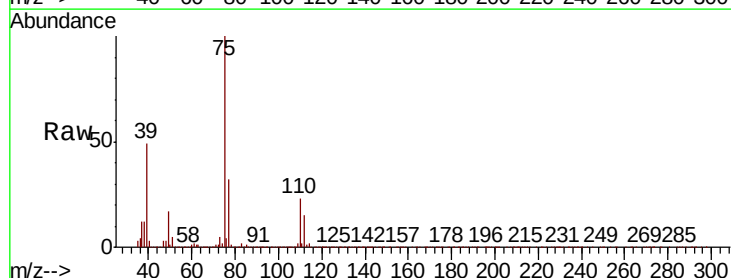
Tgt Ion: 75 Resp: 474180

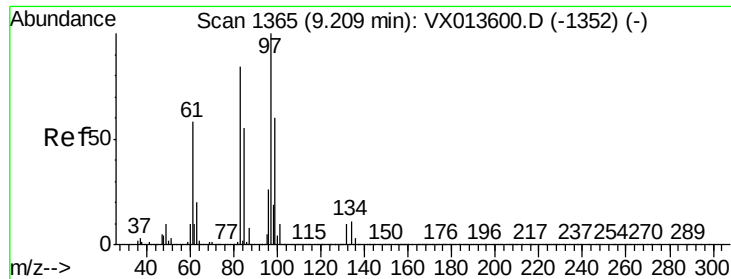
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

39 48.8 39.9 59.9





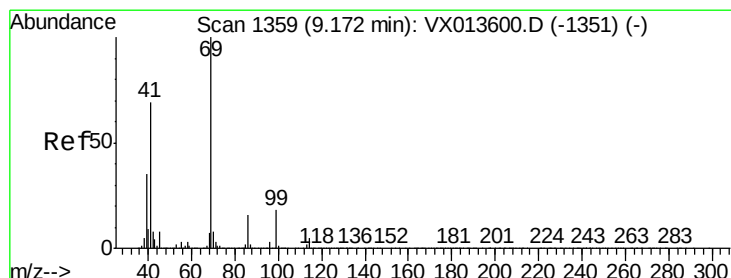
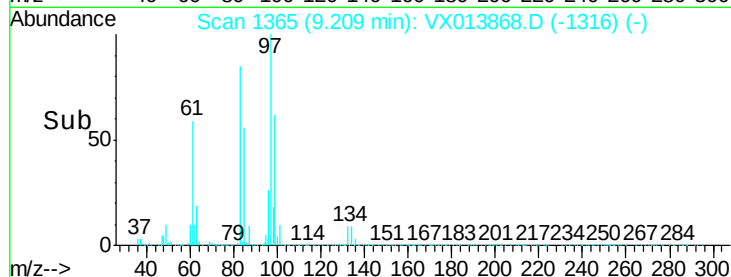
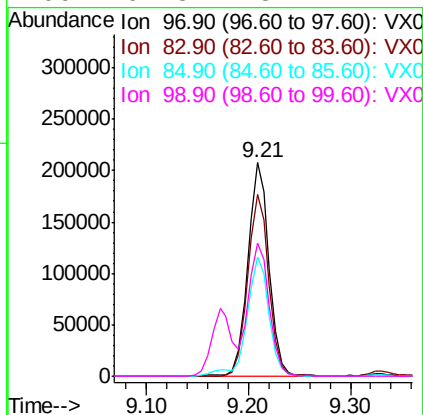
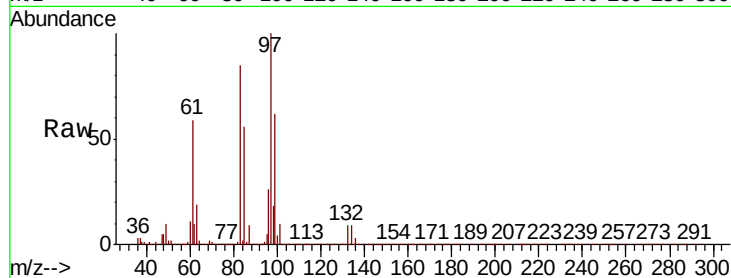
#55
 1,1,2-Trichloroethane
 Concen: 47.656 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		298818		
83	85.0	67.3	100.9		
85	55.9	43.6	65.4		
99	62.3	48.2	72.4		

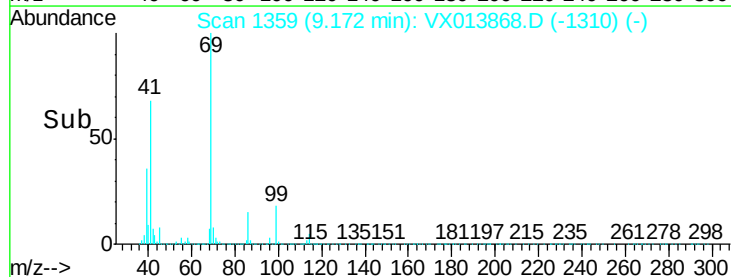
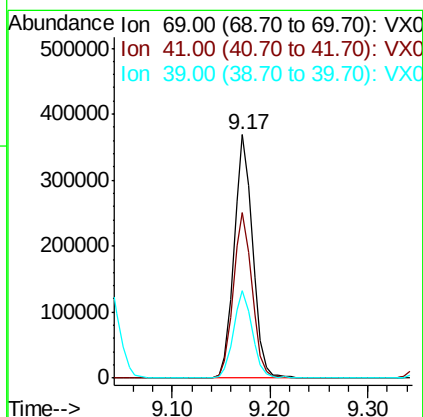
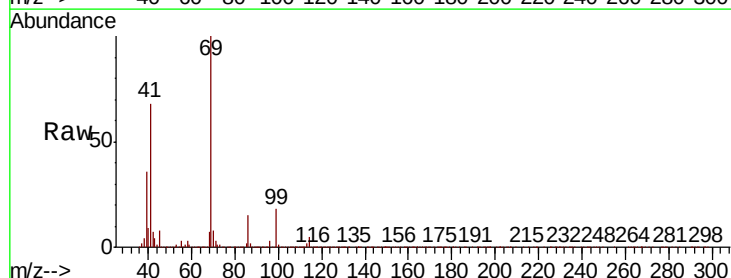
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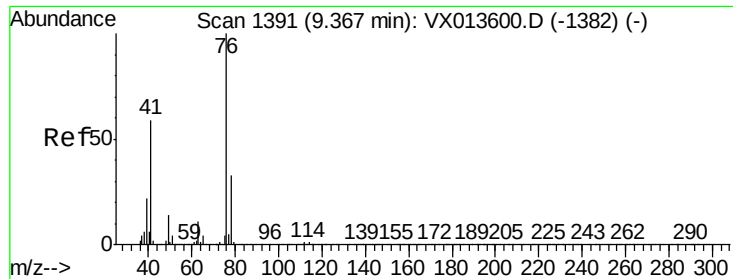
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#56
 Ethyl methacrylate
 Concen: 48.217 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		486075		
41	68.6	55.0	82.4		
39	35.8	28.7	43.1		





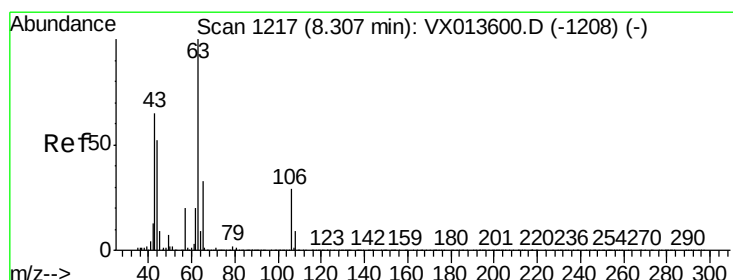
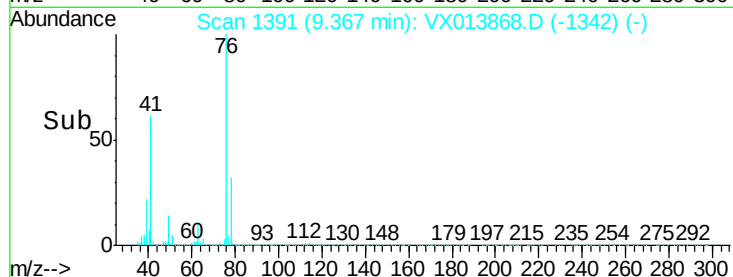
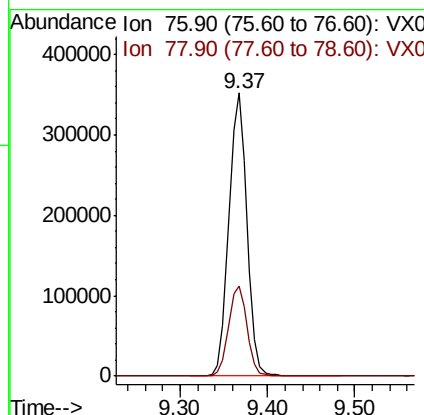
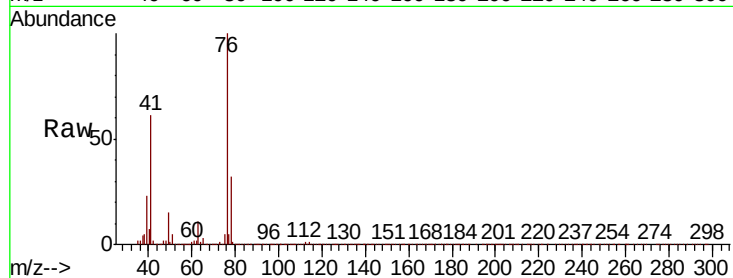
#57
 1,3-Dichloropropane
 Concen: 46.513 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

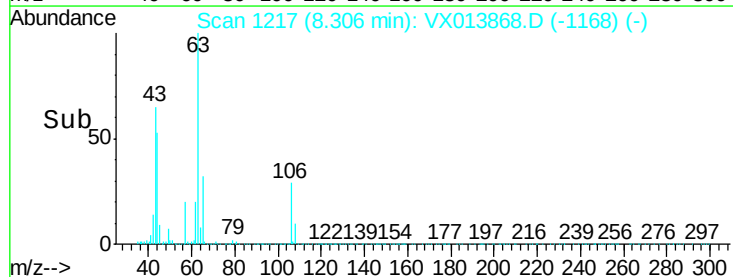
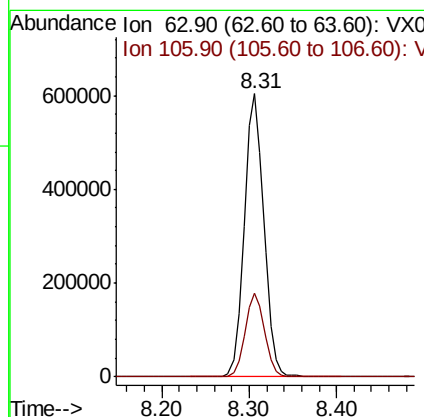
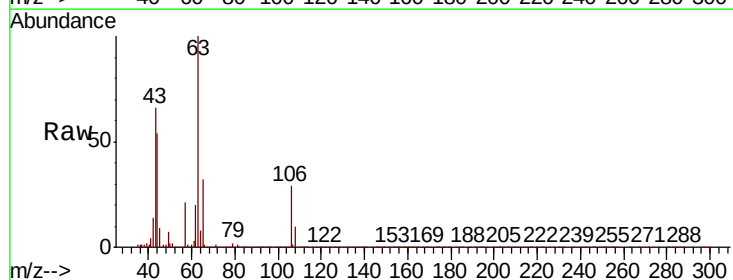
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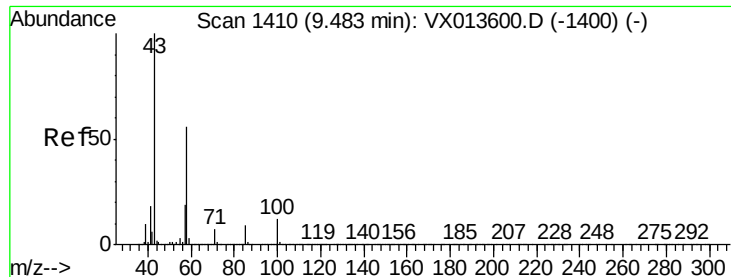
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#58
 2-Chloroethyl Vinyl ether
 Concen: 236.377 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.4	35.0





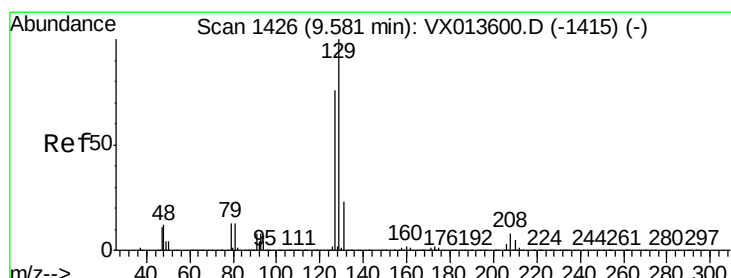
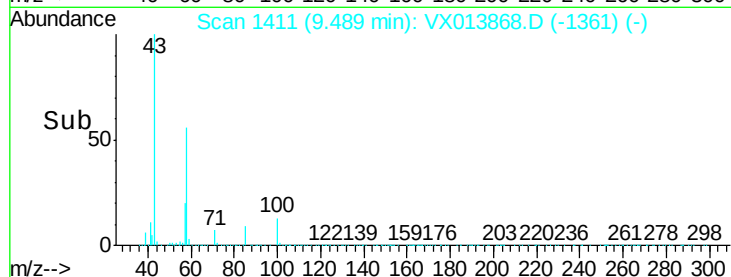
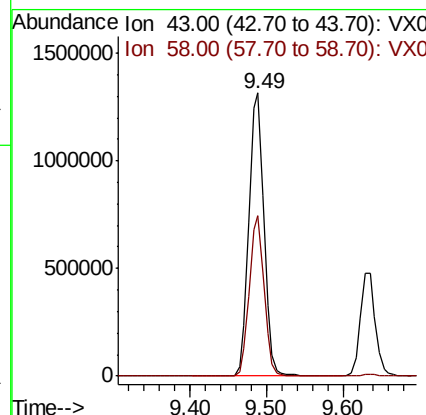
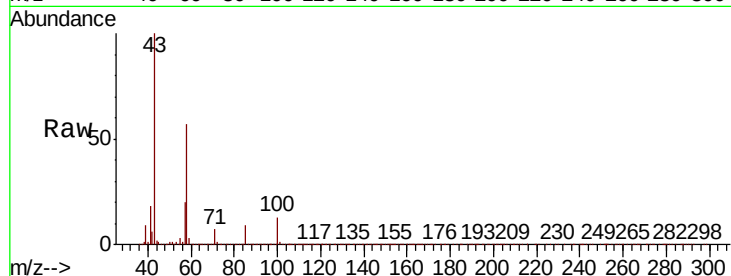
#59
2-Hexanone
Concen: 240.896 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1794966
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.4

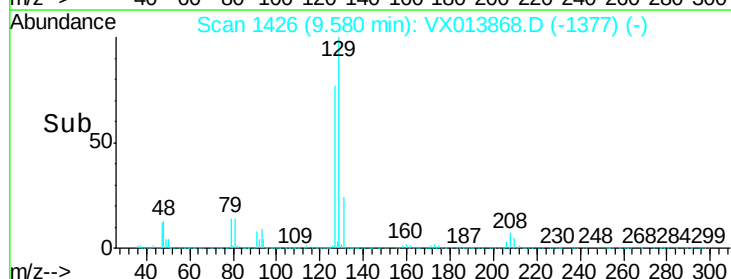
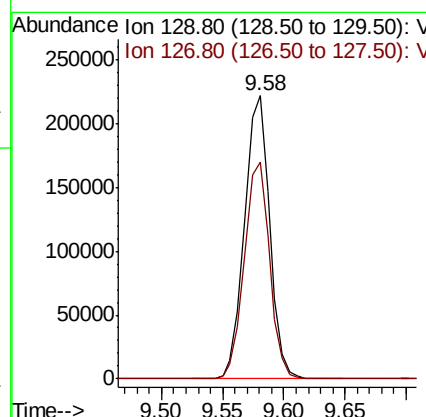
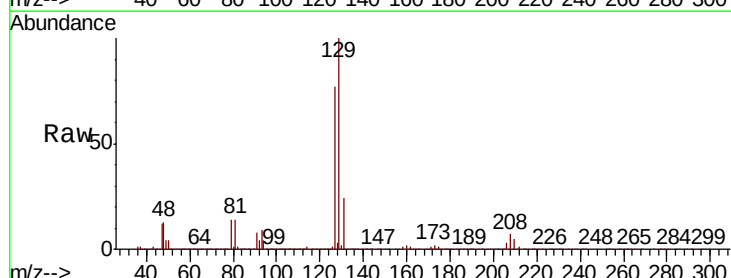
Manual Integrations
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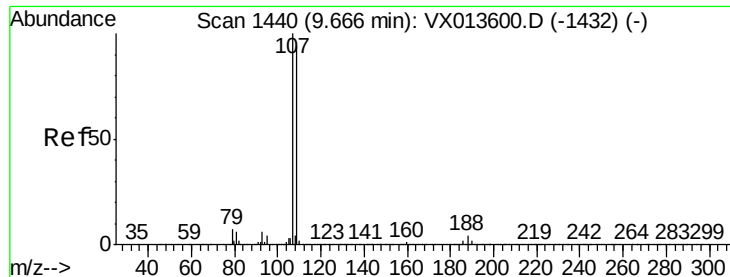
apatel
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#60
Dibromochloromethane
Concen: 48.435 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion: 129 Resp: 315177
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





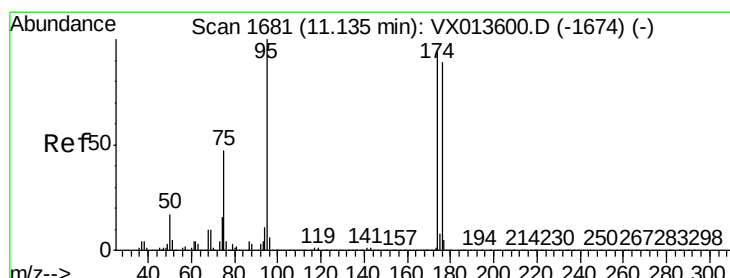
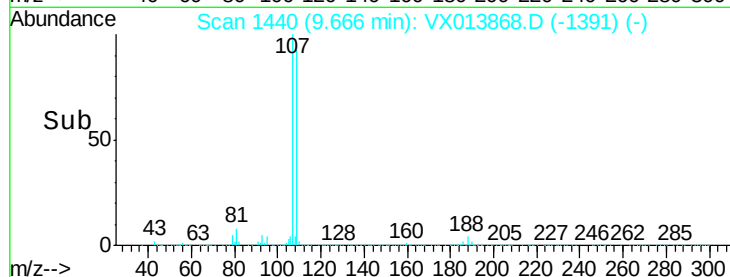
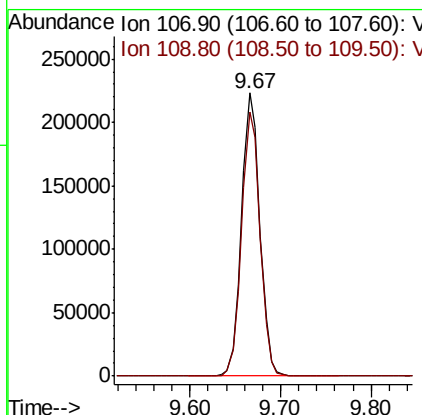
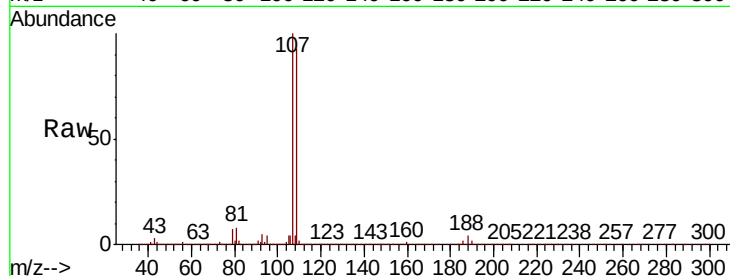
#61
 1,2-Dibromoethane
 Concen: 46.677 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.1	114.1

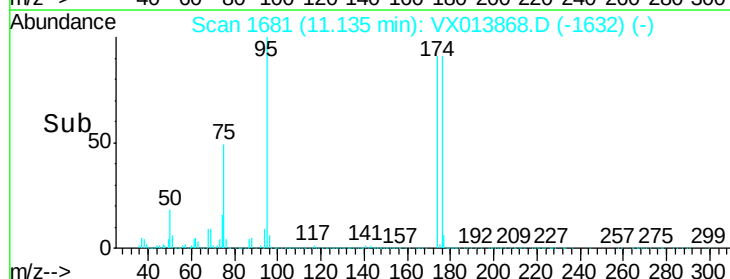
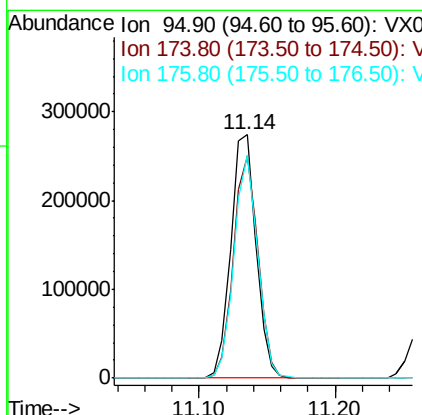
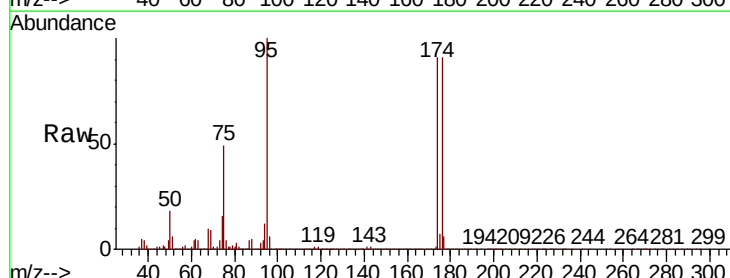
Manual Integrations
 APPROVED

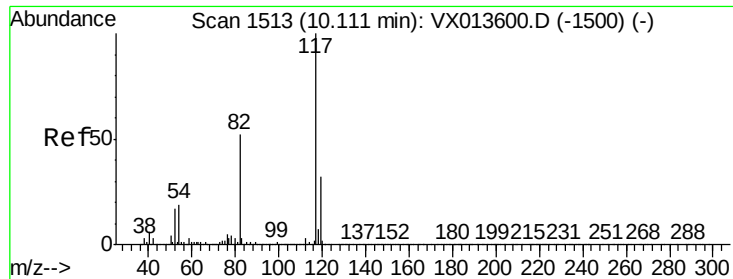
apatel
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#62
 4-Bromofluorobenzene
 Concen: 45.104 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	180.0
176	86.6	0.0	173.6





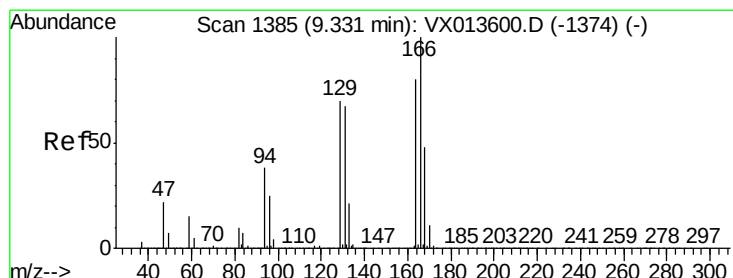
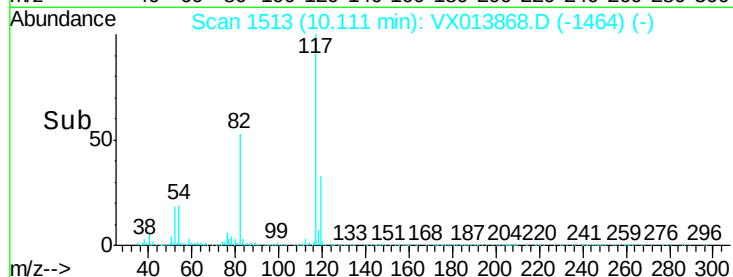
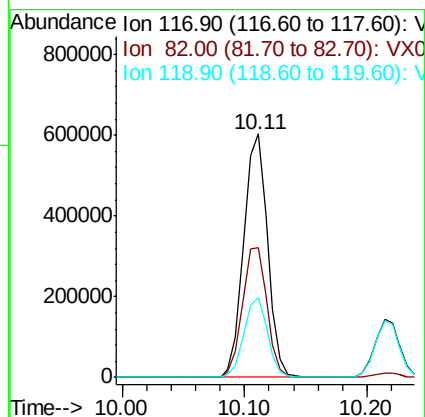
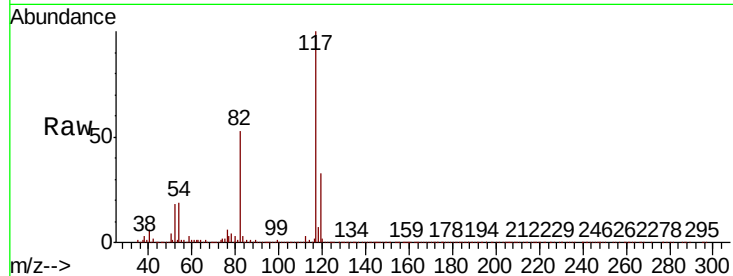
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.8
119	32.9	25.8	38.8

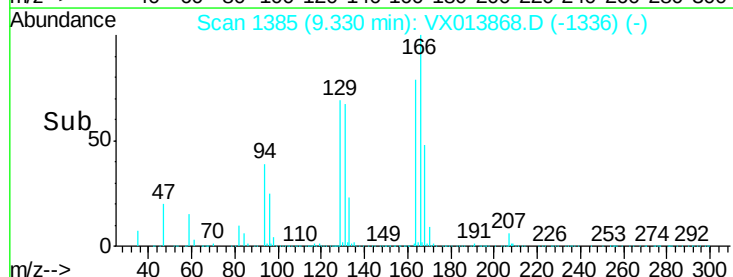
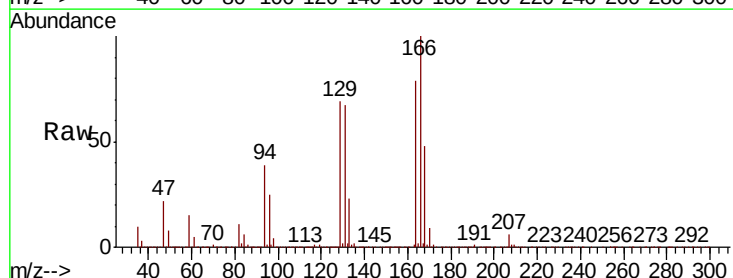
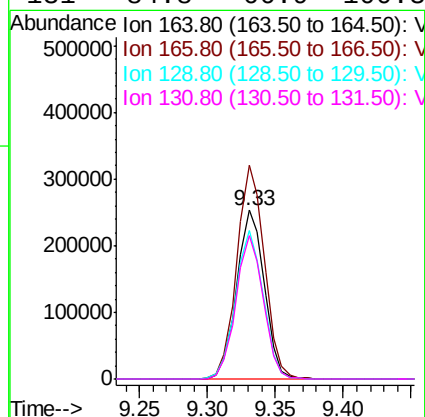
Manual Integrations
APPROVED

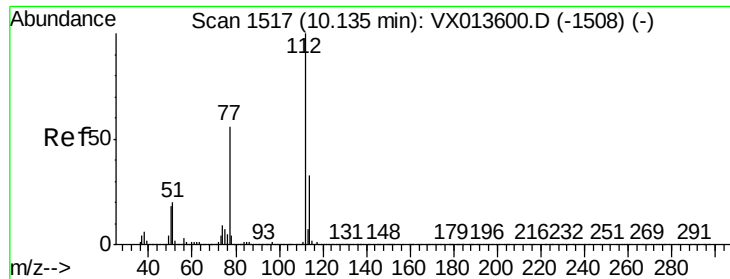
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#64
Tetrachloroethene
Concen: 58.987 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	99.7	149.5
129	87.8	70.1	105.1
131	84.8	66.9	100.3





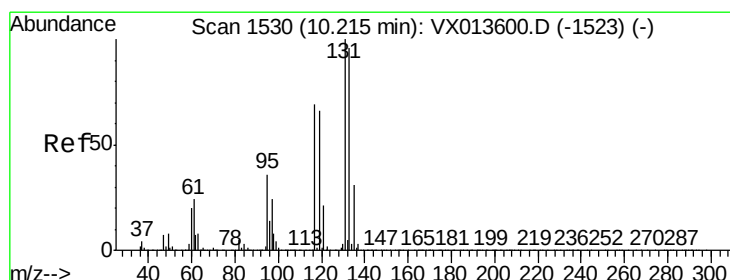
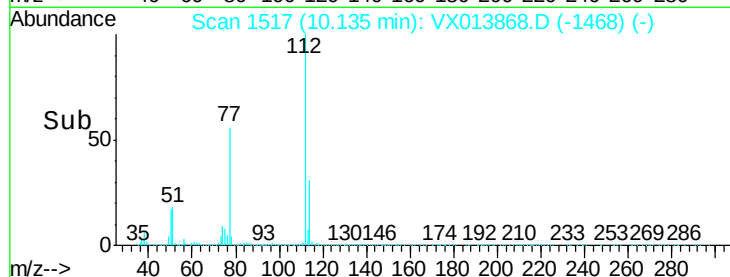
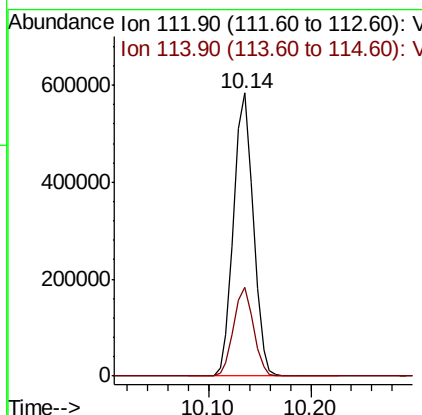
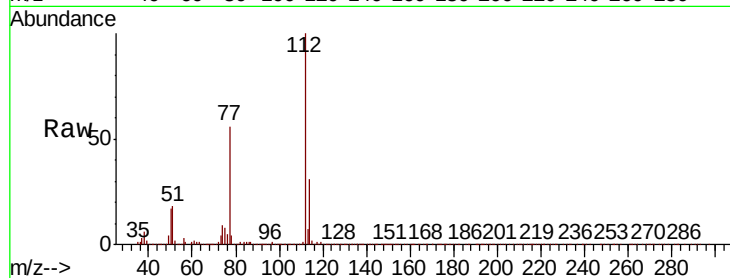
#65
Chlorobenzene
Concen: 45.875 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.1	39.1

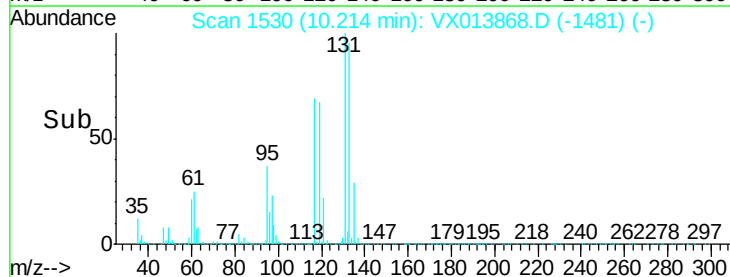
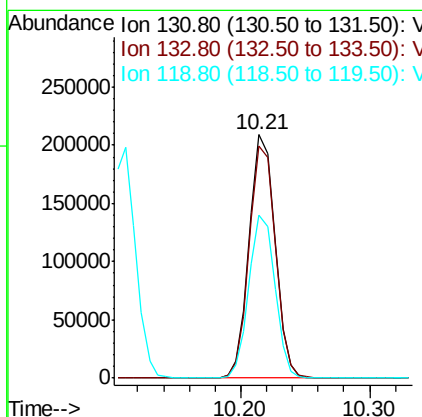
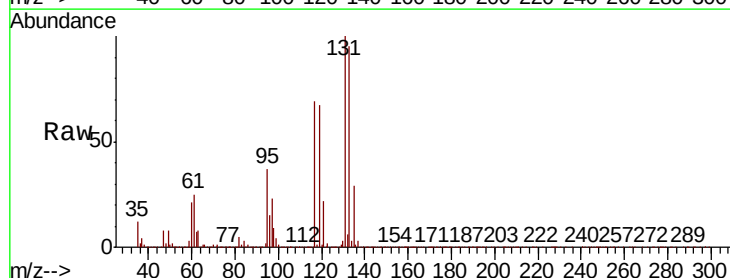
Manual Integrations
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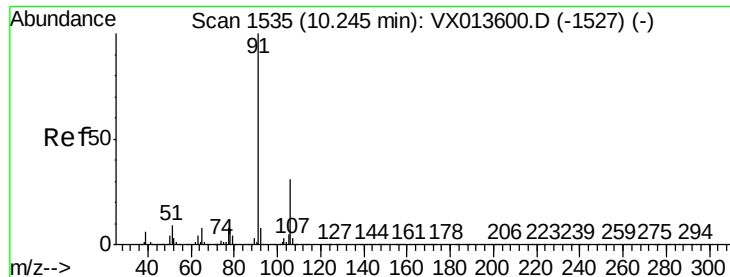
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.552 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.7	143.1
119	67.4	32.9	98.6





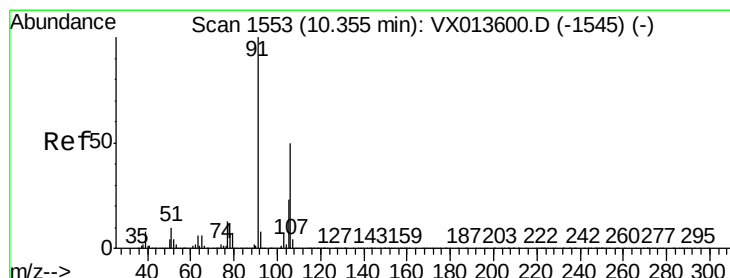
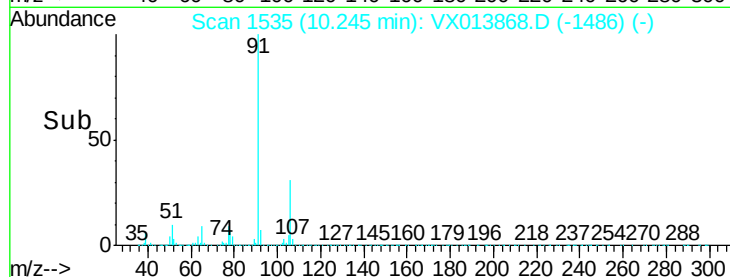
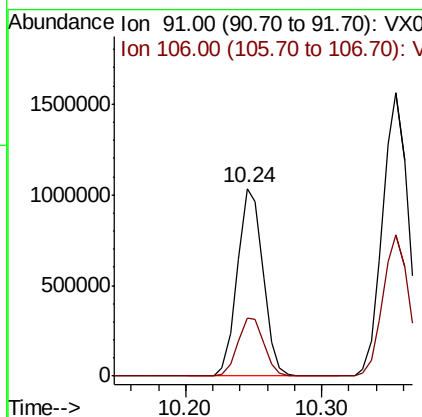
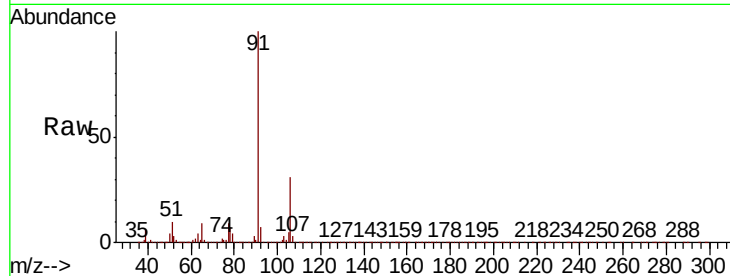
#67
Ethyl Benzene
Concen: 46.757 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1359770
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7

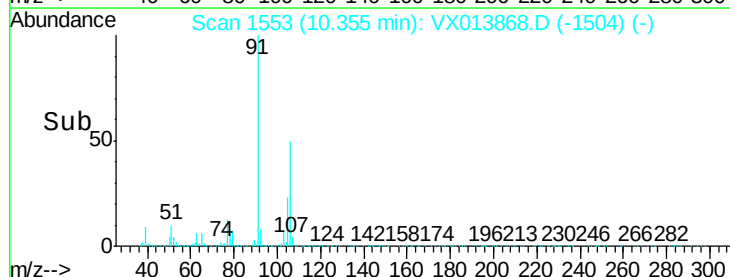
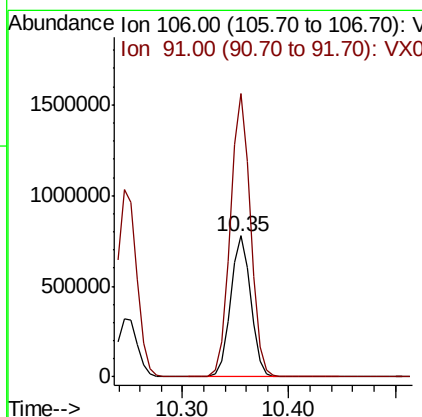
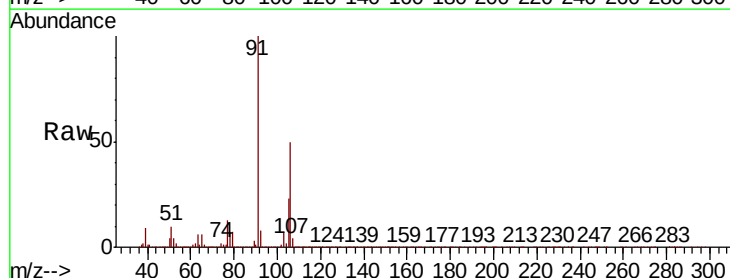
Manual Integrations
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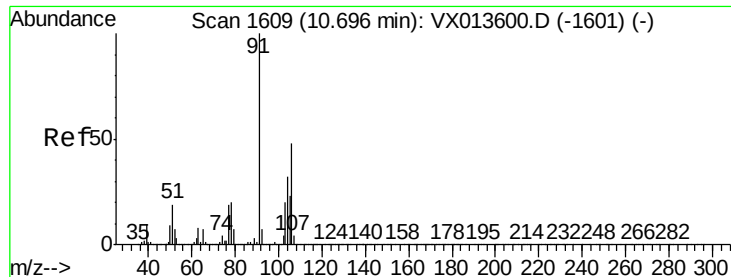
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#68
m/p-Xylenes
Concen: 92.751 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion: 106 Resp: 1032704
Ion Ratio Lower Upper
106 100
91 200.8 159.0 238.4





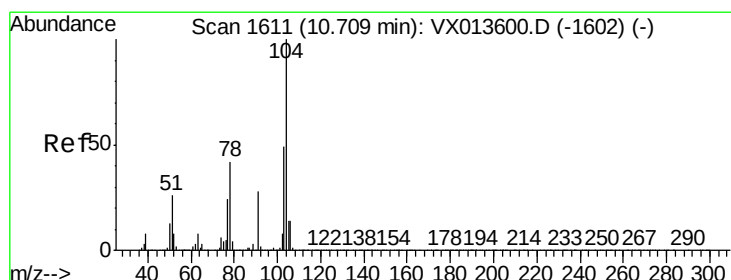
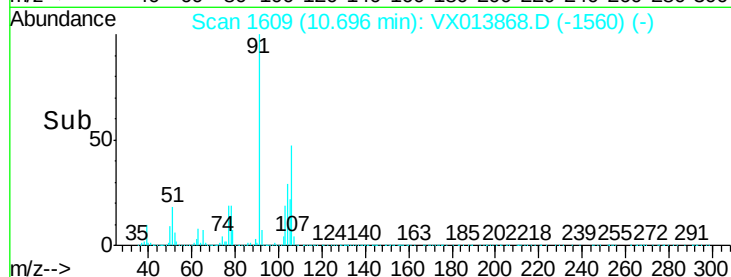
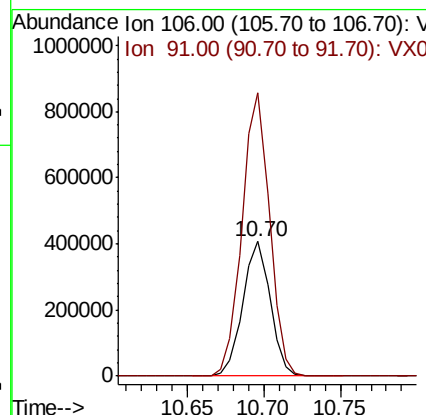
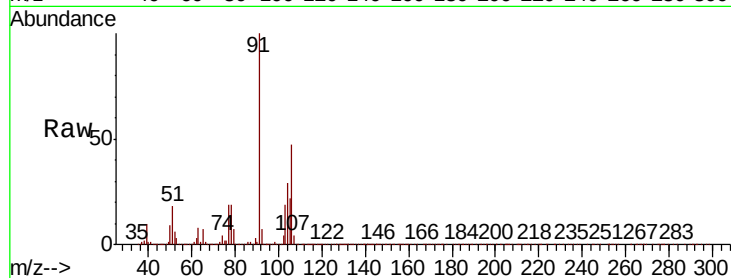
#69
o-Xylene
Concen: 46.698 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.1	104.1	312.2

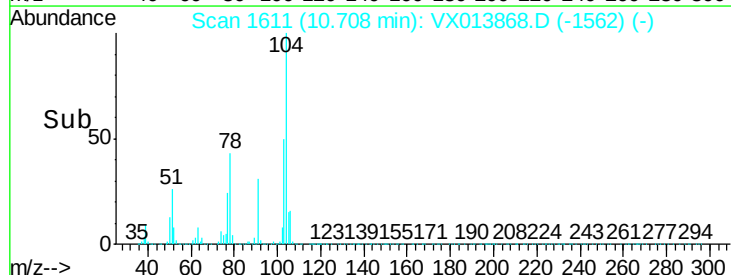
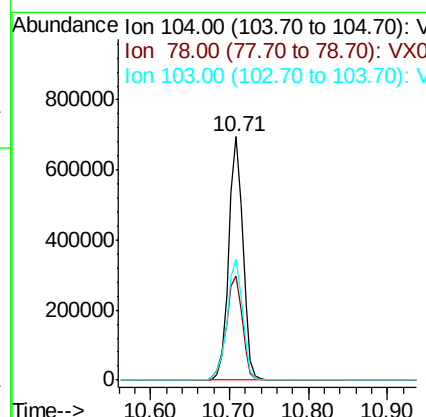
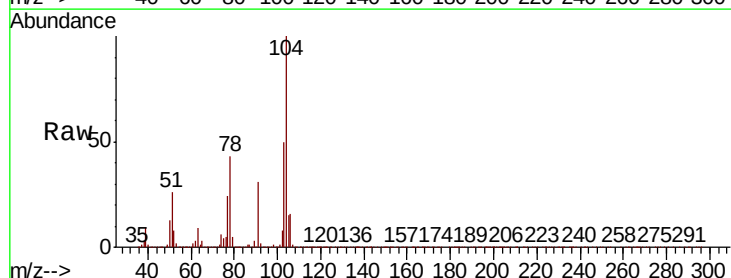
Manual Integrations
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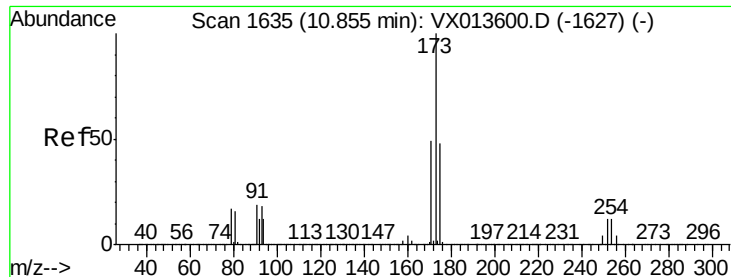
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#70
Styrene
Concen: 47.360 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.5	57.7
103	54.7	43.7	65.5





#71

Bromoform

Concen: 48.942 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

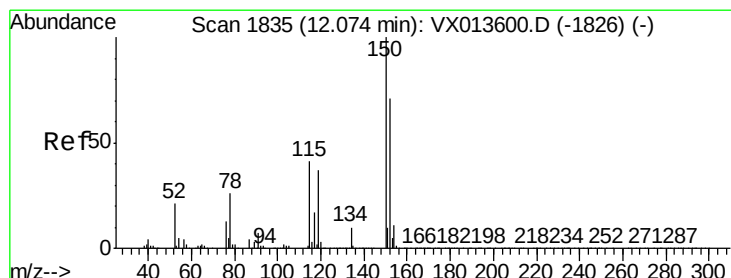
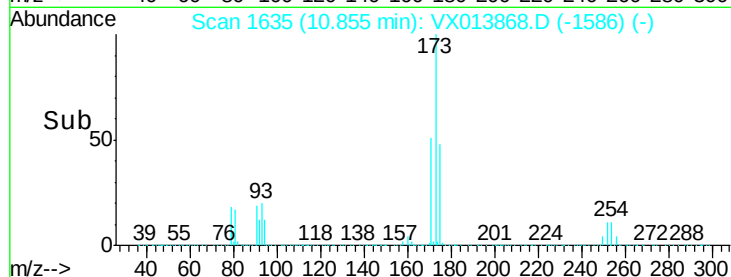
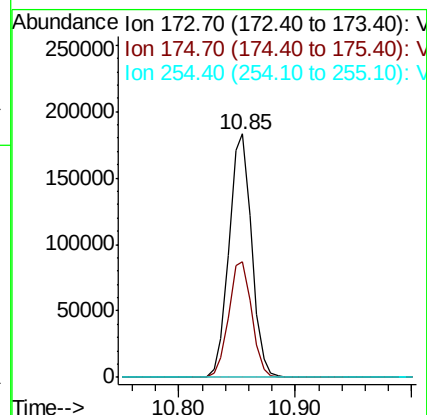
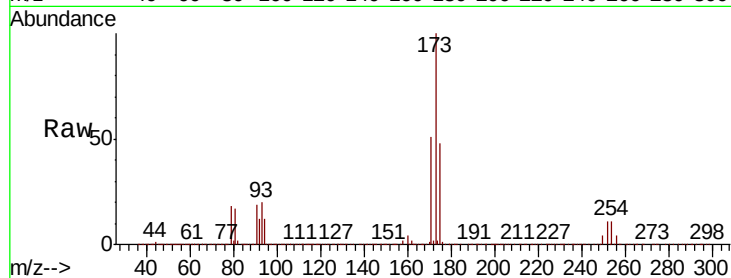
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	246100
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.3	72.8
254	0.3	0.2	0.4

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

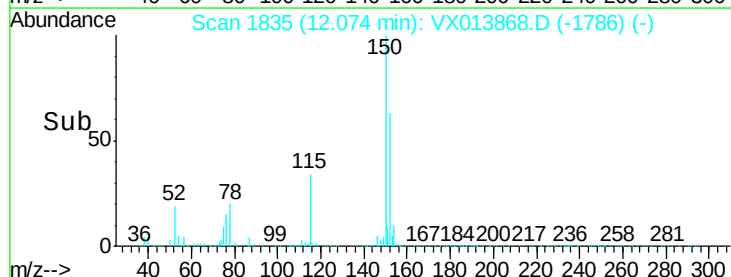
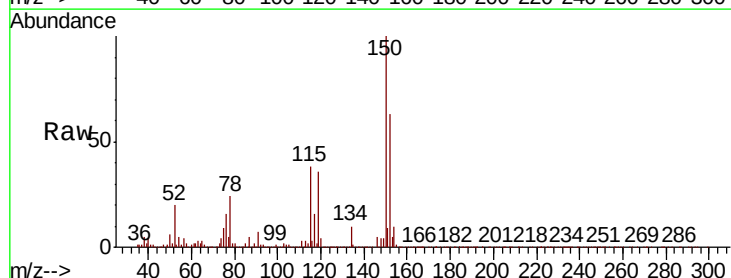
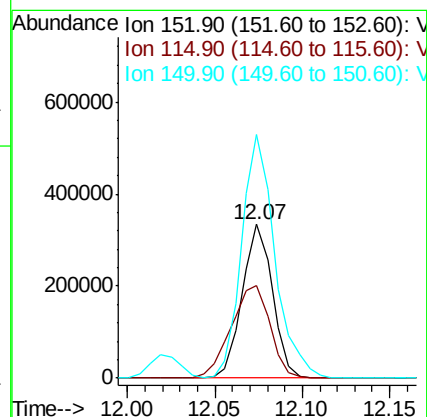
RT: 12.07 min Scan# 1835

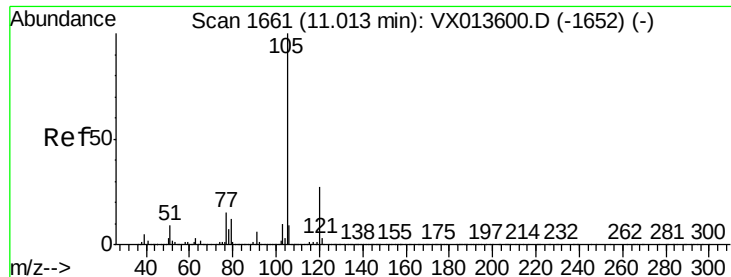
Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Tgt Ion:	152	Resp:	400110
Ion Ratio	Lower	Upper	
152	100		
115	77.2	38.4	115.1
150	174.3	0.0	346.8





#73

Isopropylbenzene

Concen: 47.715 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1339170

Ion Ratio Lower Upper

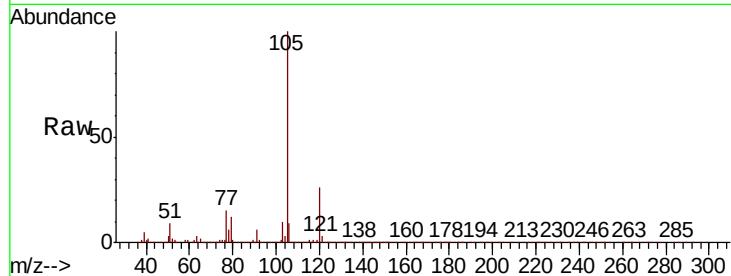
105 100

120 27.0 13.5 40.5

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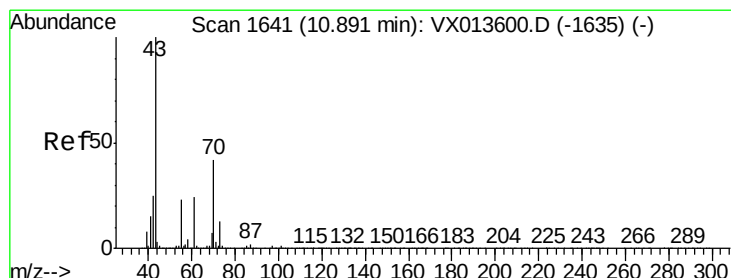
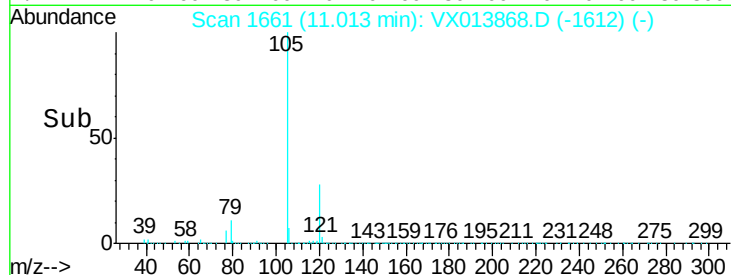
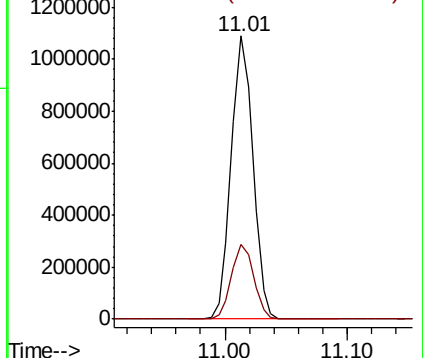
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.099 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Tgt Ion: 43 Resp: 631252

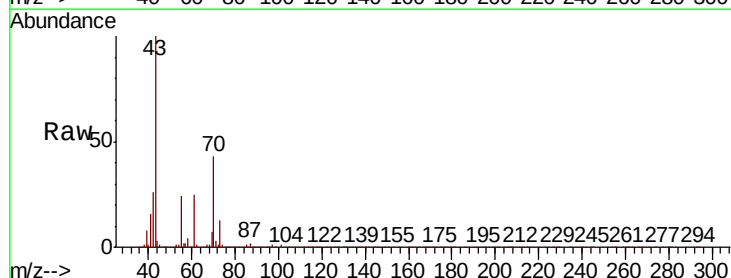
Ion Ratio Lower Upper

43 100

70 43.0 34.3 51.5

55 24.1 18.5 27.7

61 24.6 19.8 29.8

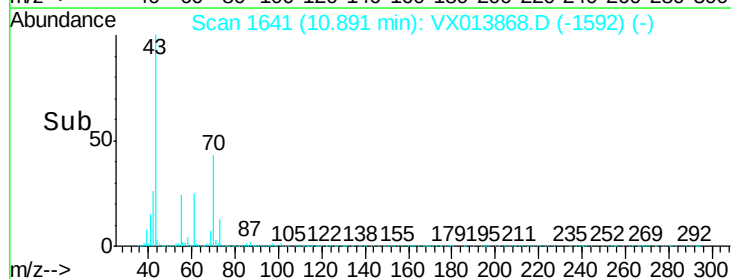
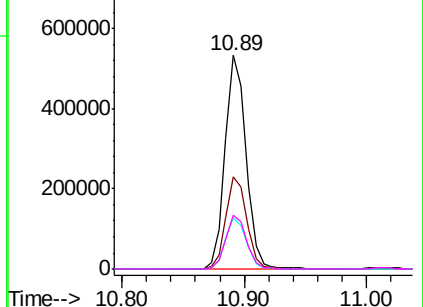


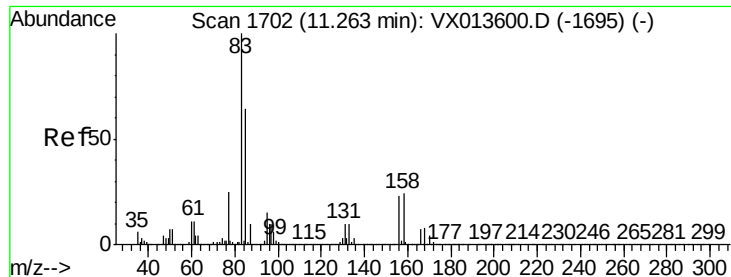
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.338 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

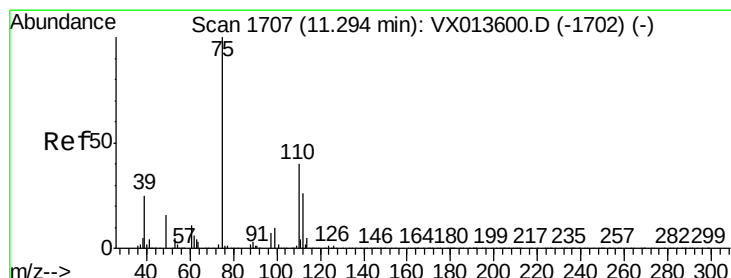
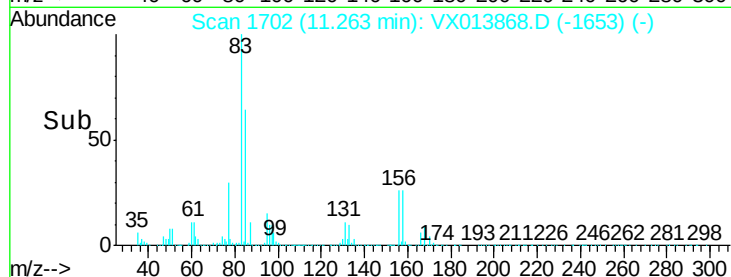
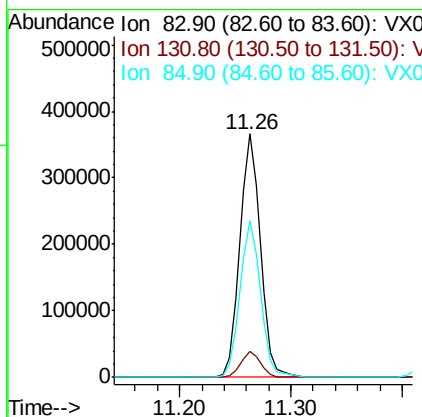
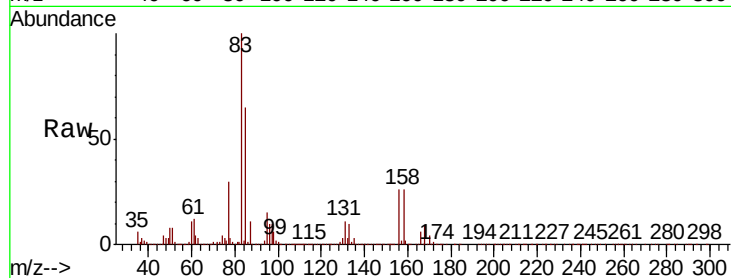
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	470486
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.6	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.139 ug/l m

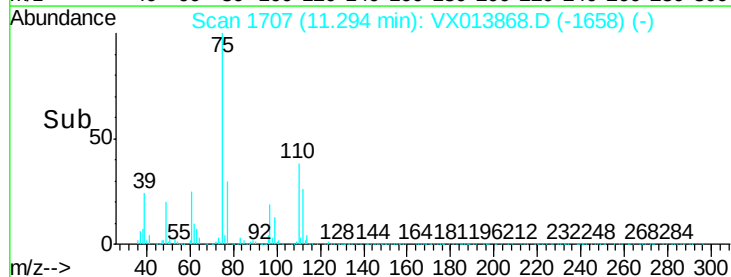
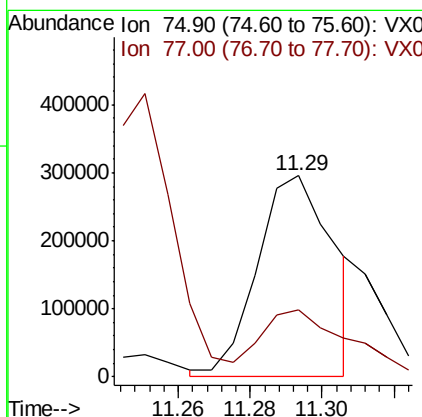
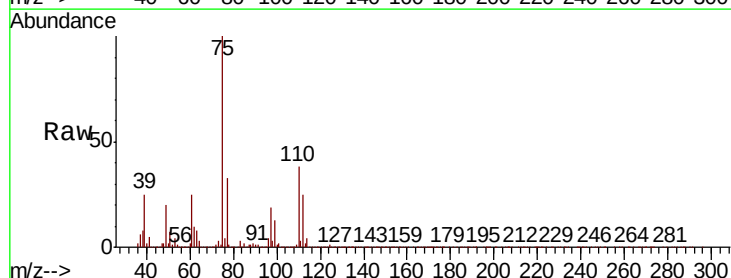
RT: 11.29 min Scan# 1707

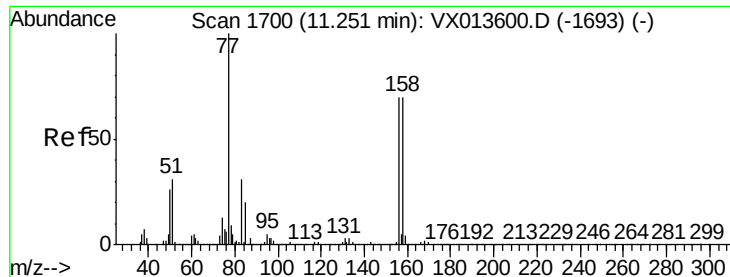
Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Tgt Ion:	75	Resp:	433215
Ion Ratio	Lower	Upper	
75	100		
77	38.7	19.1	57.5





#77

Bromobenzene

Concen: 46.350 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

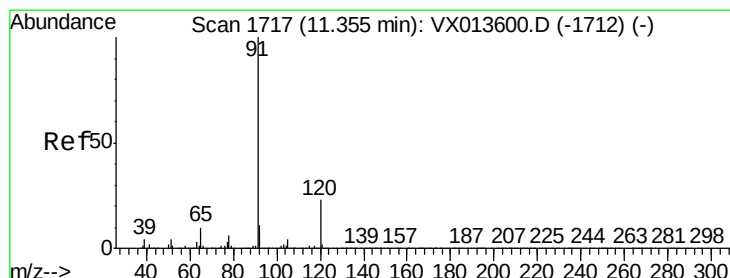
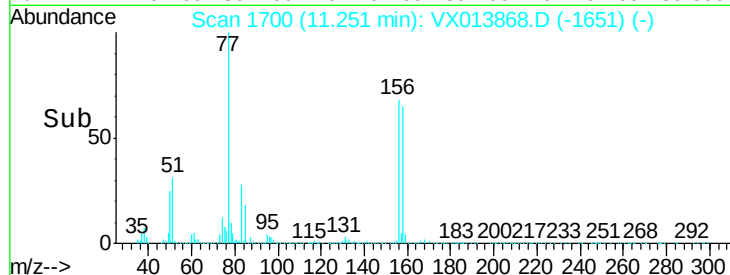
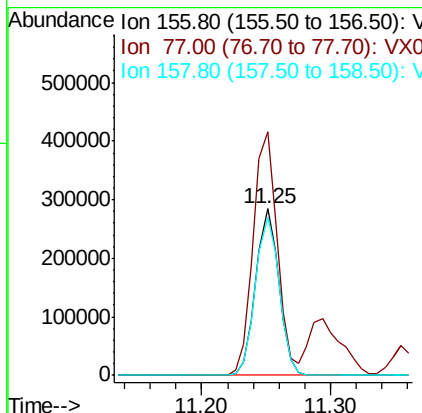
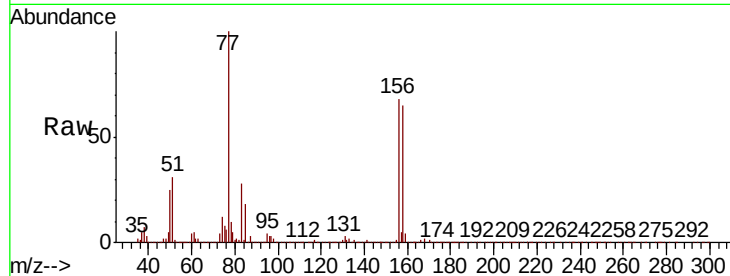
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	351436
Ion Ratio	Lower	Upper	
156	100		
77	152.0	74.4	223.1
158	97.7	48.9	146.6

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#78

n-propylbenzene

Concen: 48.251 ug/l

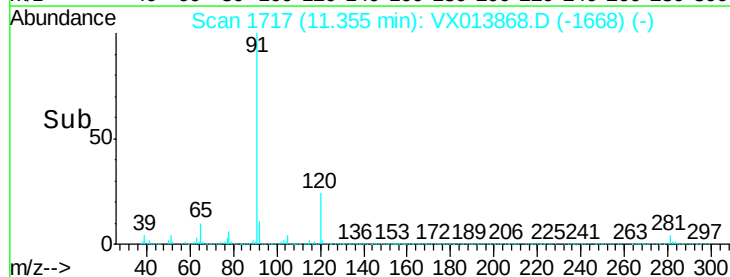
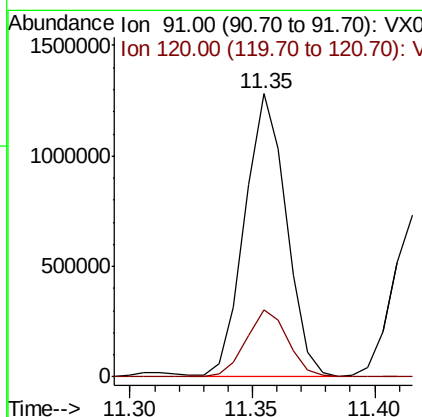
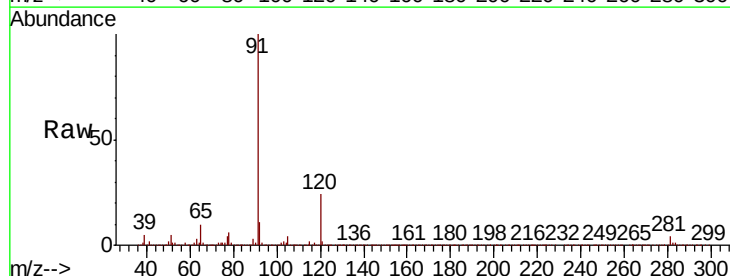
RT: 11.35 min Scan# 1717

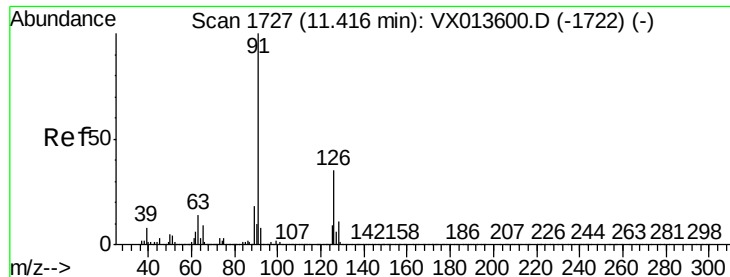
Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Tgt Ion:	91	Resp:	1511741
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 47.345 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 889809

Ion Ratio Lower Upper

91 100

126 35.2

17.5

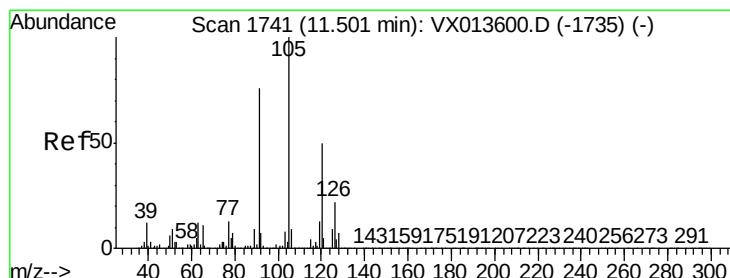
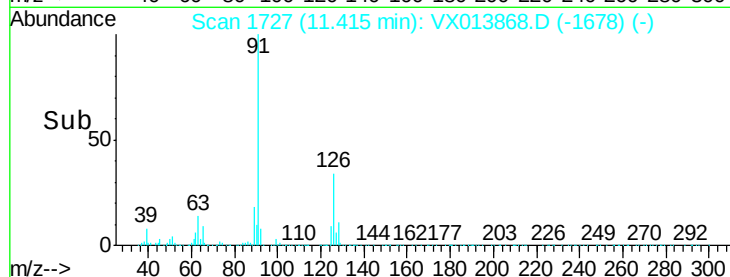
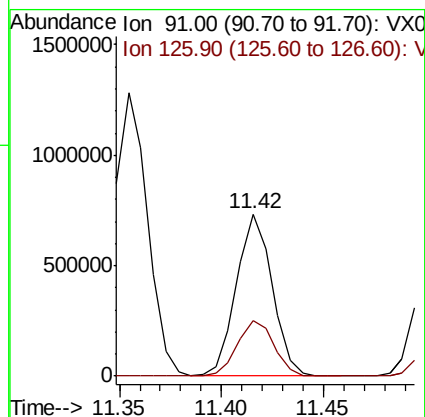
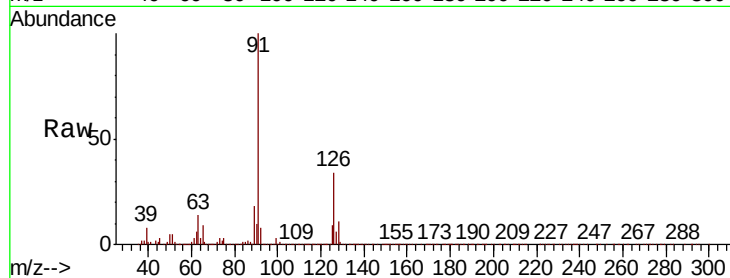
52.5

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#80

1,3,5-Trimethylbenzene

Concen: 48.568 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Tgt Ion: 105 Resp: 1117209

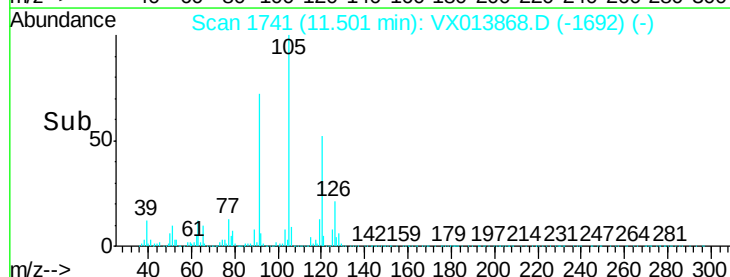
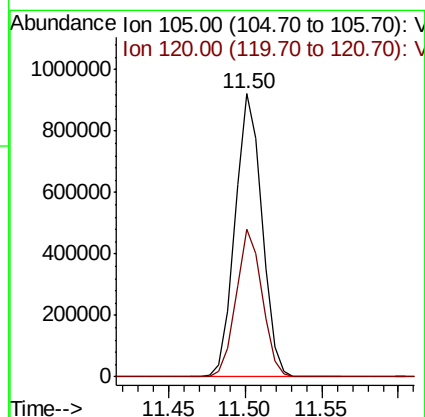
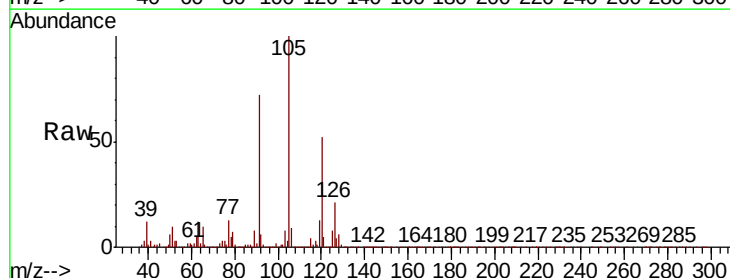
Ion Ratio Lower Upper

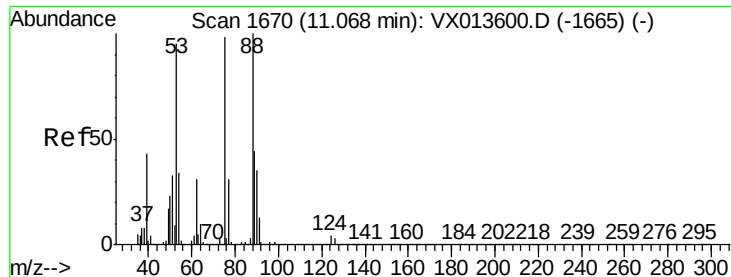
105 100

120 50.4

25.3

75.9





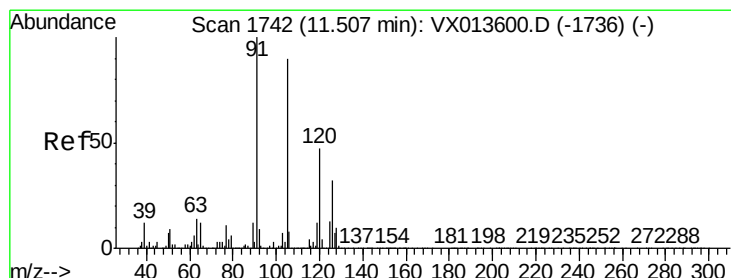
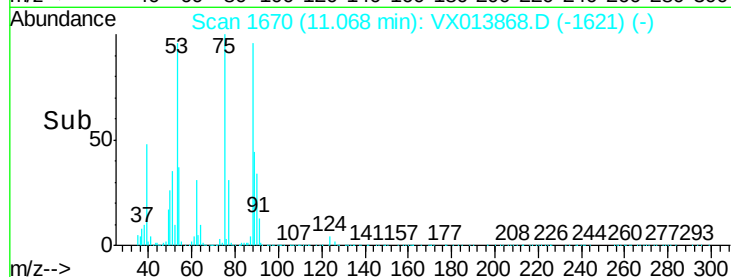
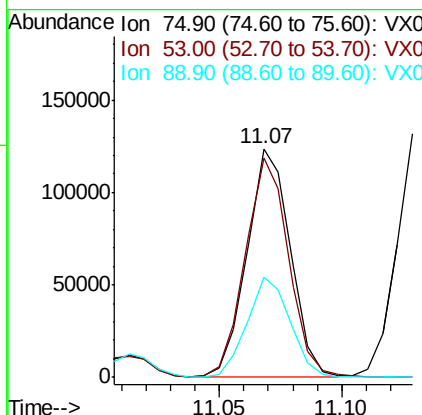
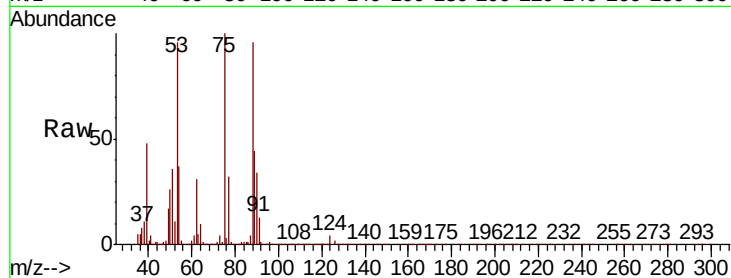
#81
trans-1,4-Dichloro-2-butene
Concen: 46.401 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.6	78.2	117.2
89	44.0	35.4	53.2

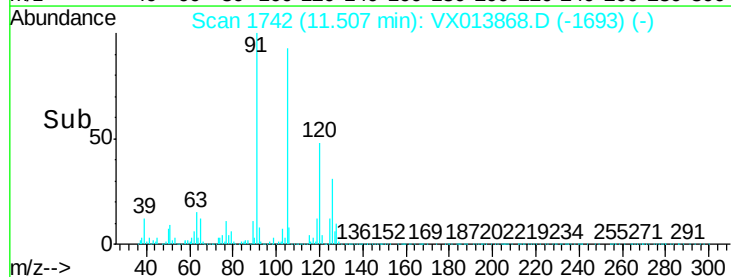
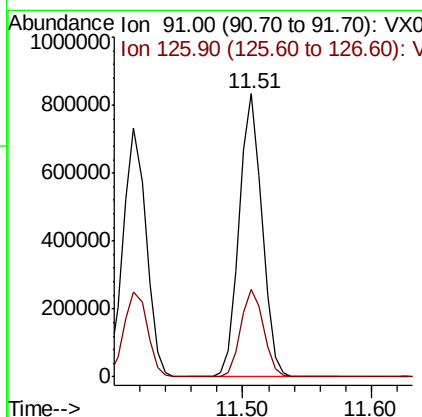
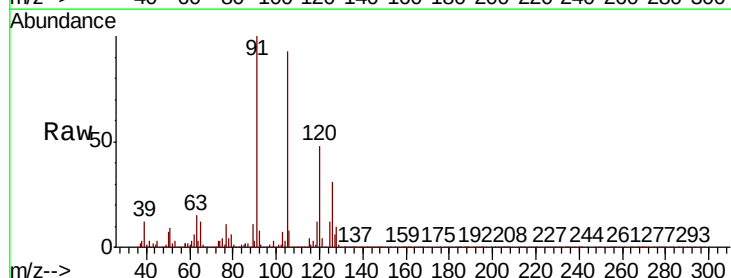
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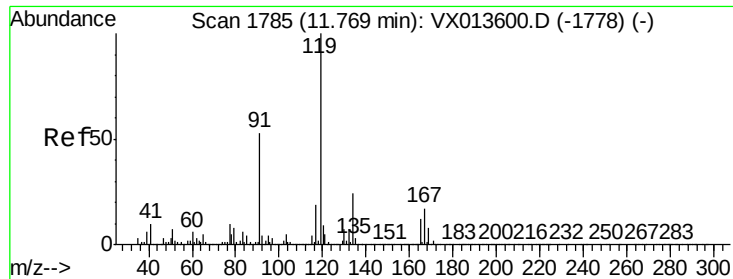
apatel
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#82
4-Chlorotoluene
Concen: 47.122 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.7	47.0





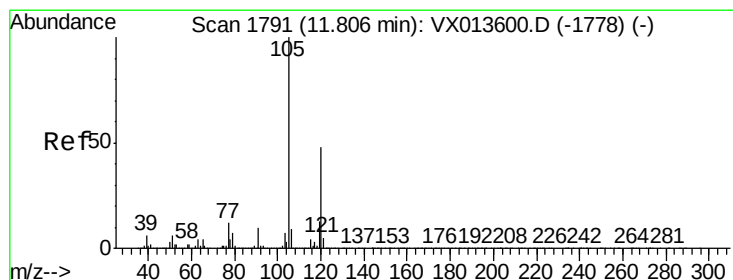
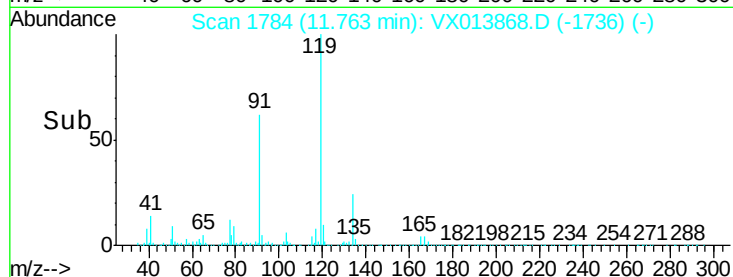
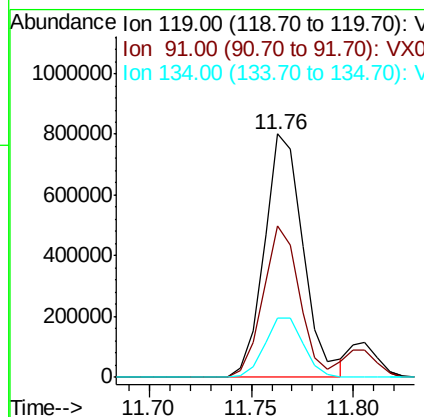
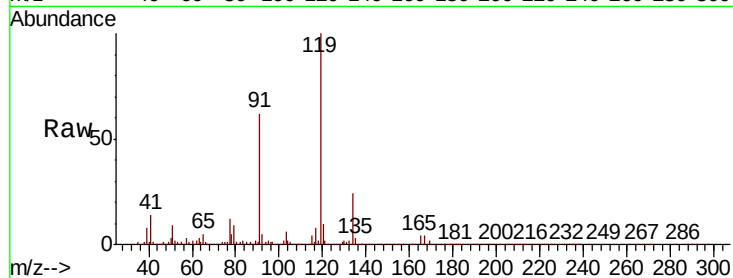
#83
 tert-Butylbenzene
 Concen: 45.476 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion:119 Resp: 1063123
 Ion Ratio Lower Upper
 119 100
 91 58.2 27.2 81.6
 134 24.4 11.7 35.1

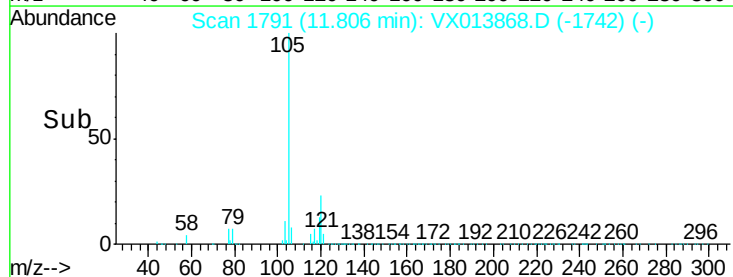
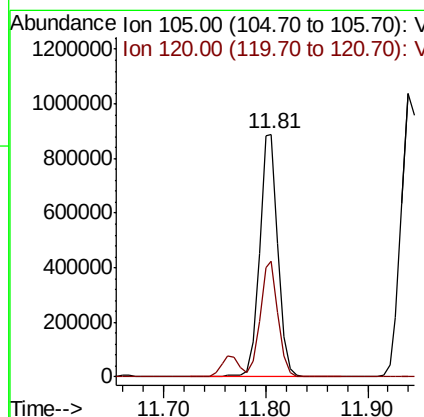
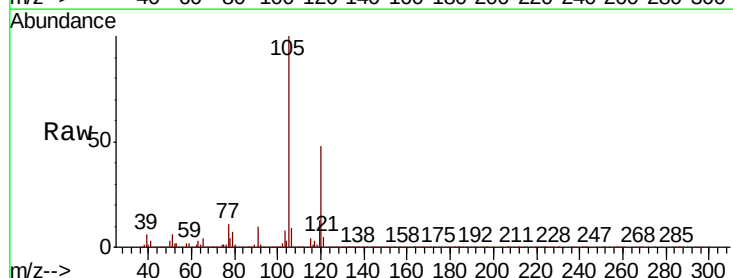
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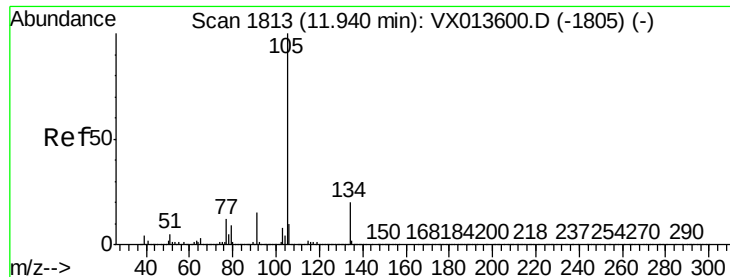
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.051 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Tgt Ion:105 Resp: 1121789
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 48.342 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1290852

Ion Ratio Lower Upper

105 100

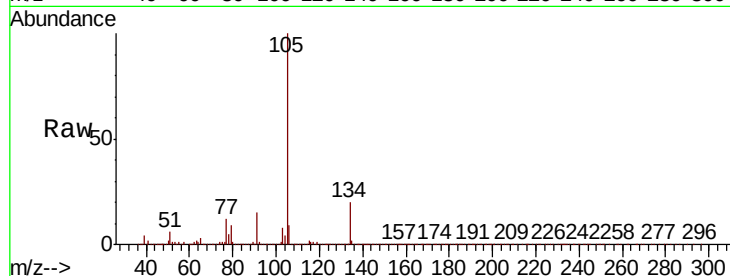
134 20.6 10.4 31.2

Manual Integrations

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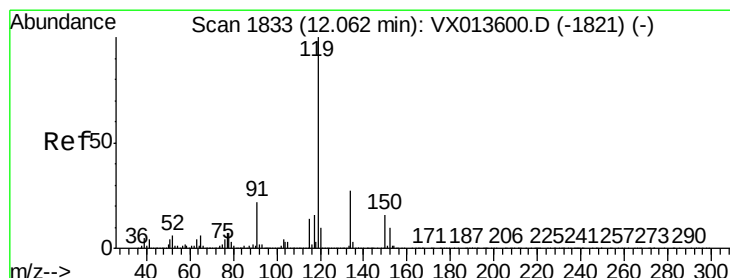
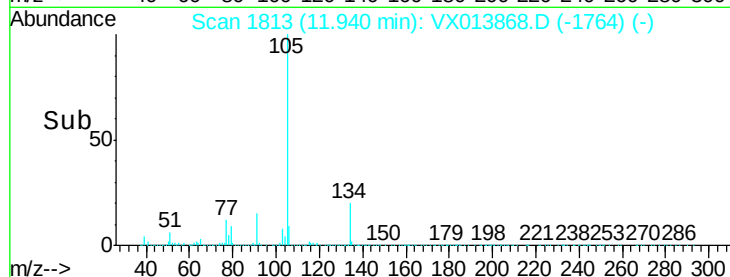
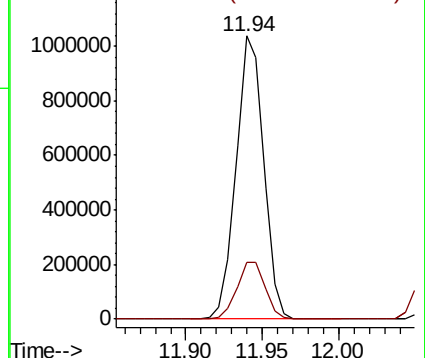
apatel

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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: 47.993 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013868.D

Acq: 09 Dec 2019 22:01

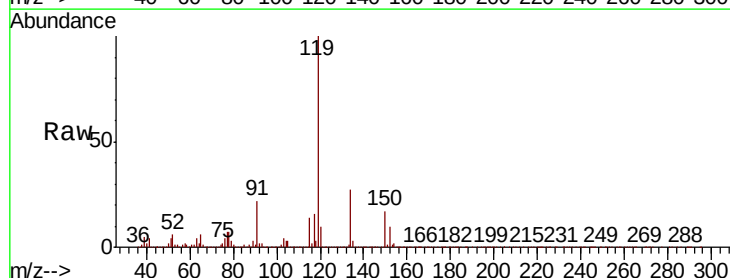
Tgt Ion:119 Resp: 1192201

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

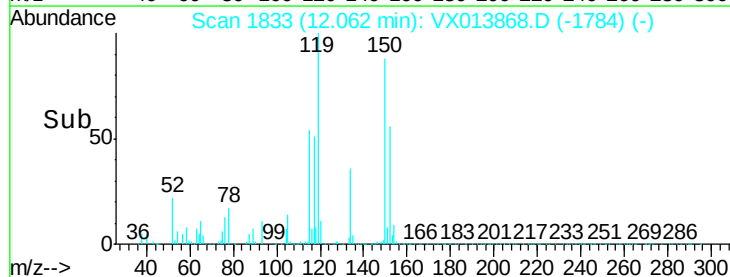
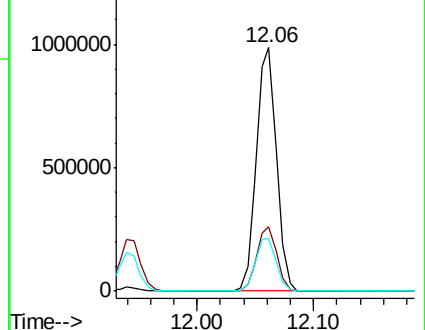
91 22.4 11.3 33.8

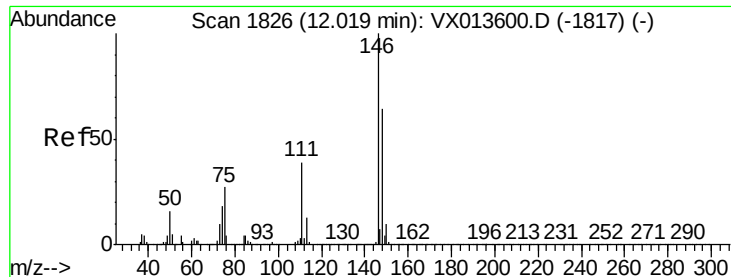


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





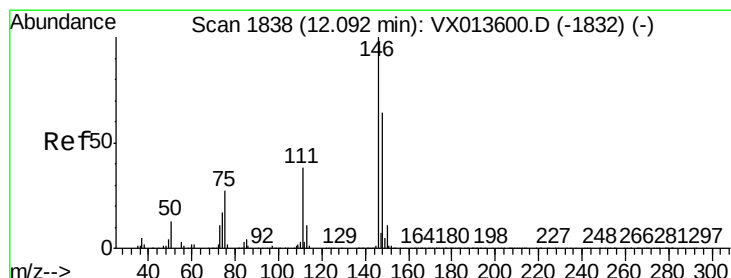
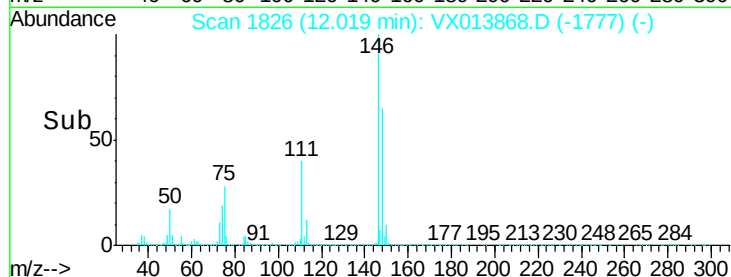
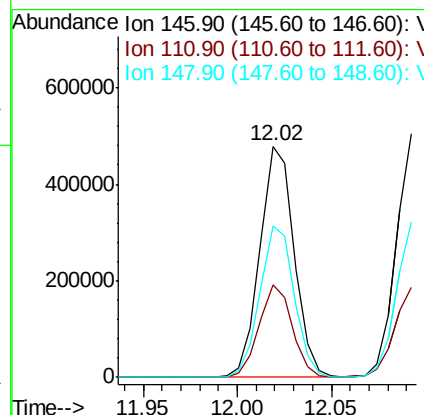
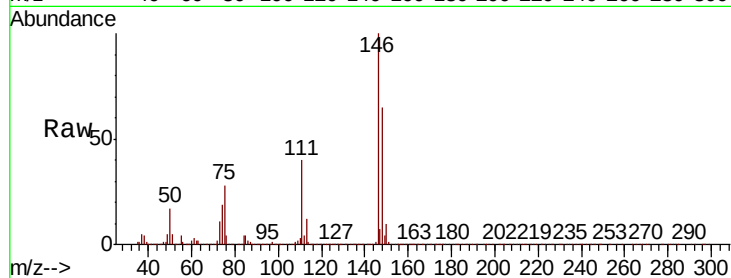
#87
 1,3-Dichlorobenzene
 Concen: 45.657 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.0	57.0
148	65.9	31.8	95.4

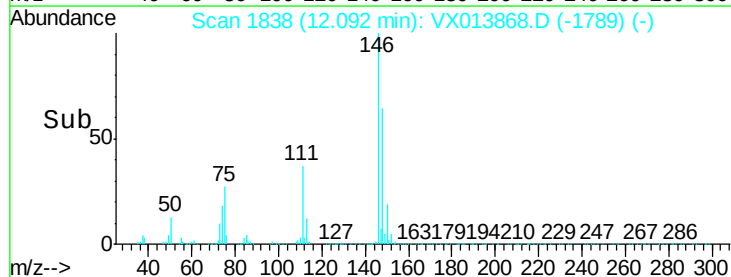
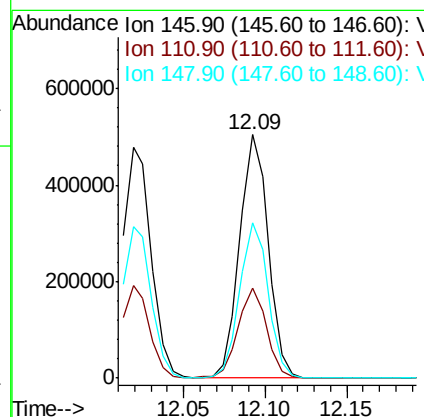
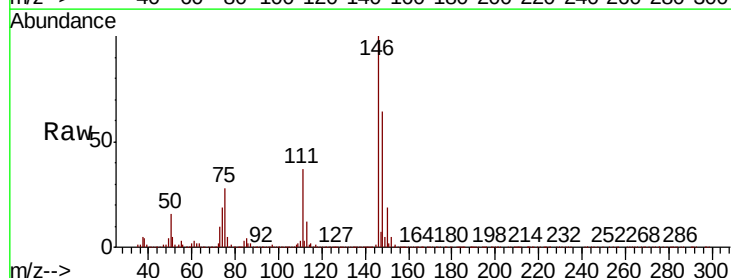
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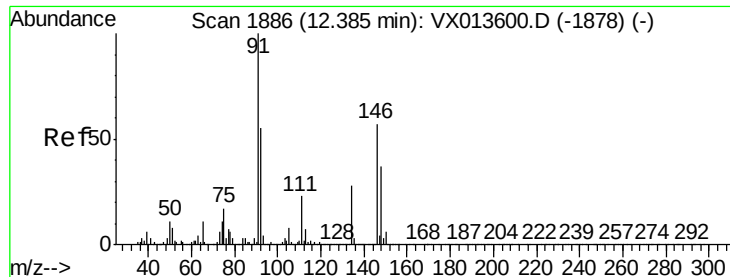
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#88
 1,4-Dichlorobenzene
 Concen: 45.683 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.9
148	63.7	31.9	95.5





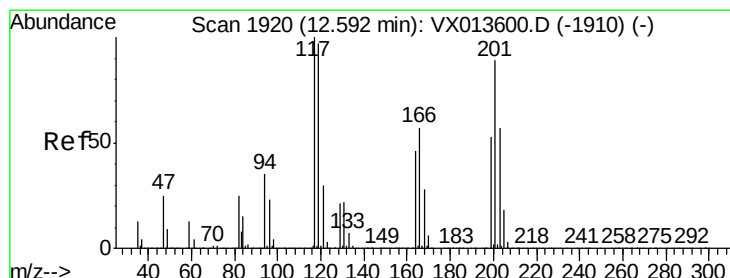
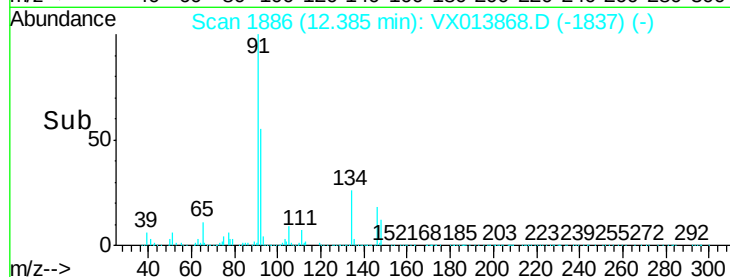
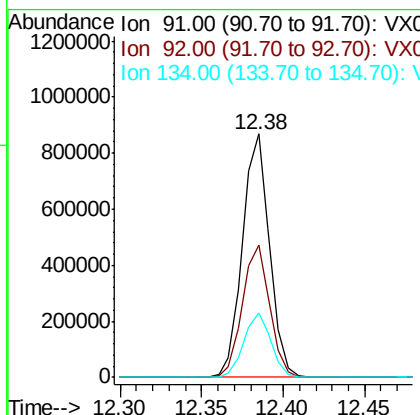
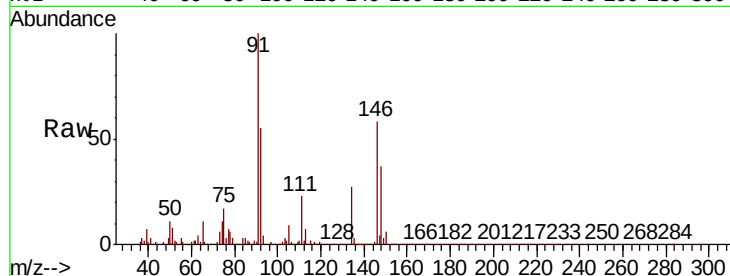
#89
n-Butylbenzene
Concen: 47.343 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.4	82.2
134	26.7	13.5	40.4

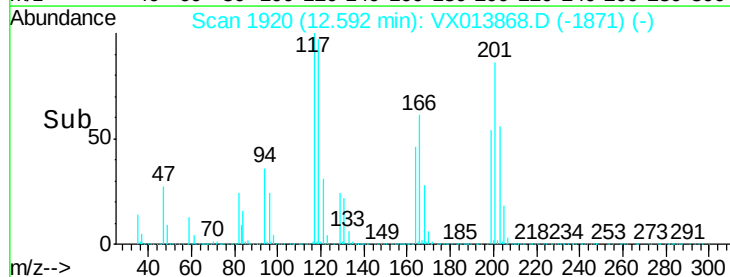
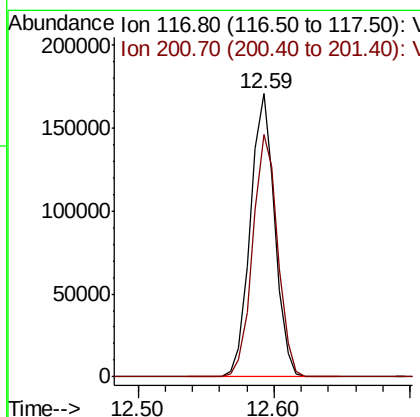
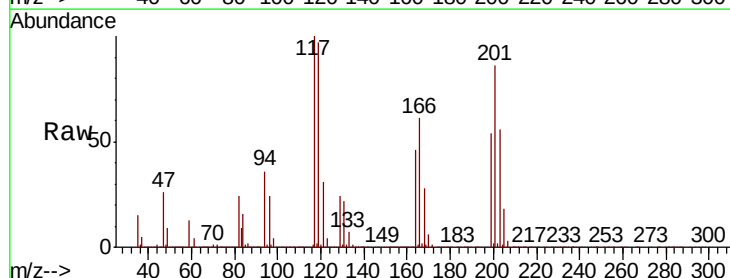
Manual Integrations
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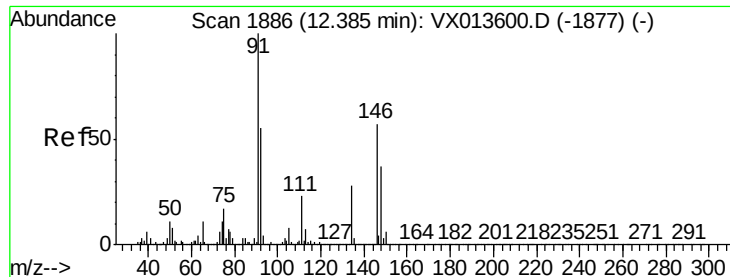
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#90
Hexachloroethane
Concen: 47.748 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	44.1	132.4





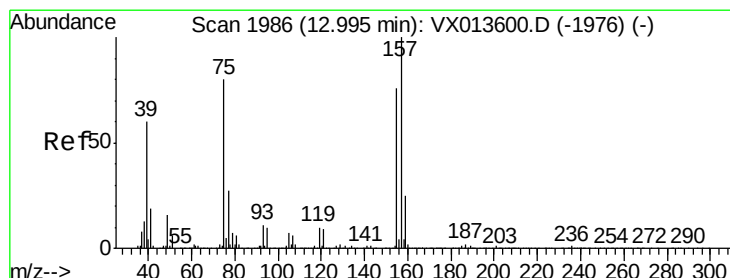
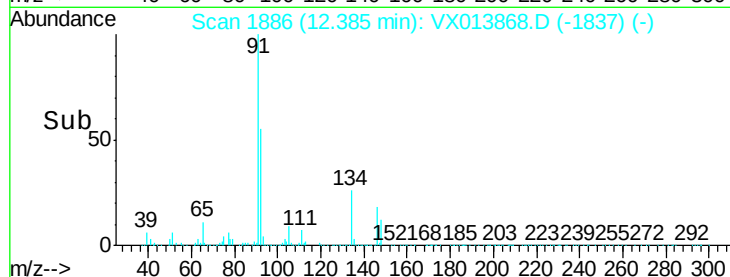
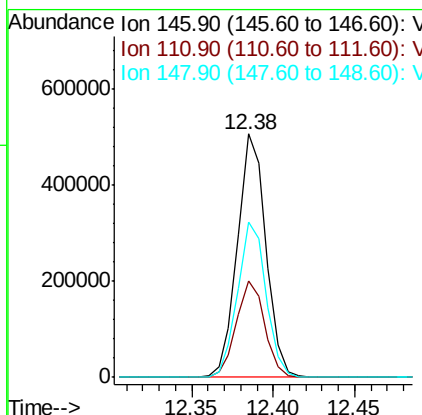
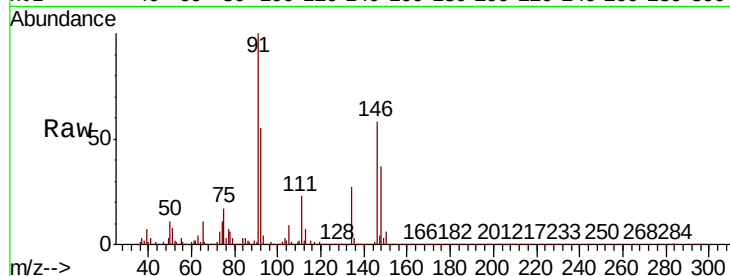
#91
 1,2-Dichlorobenzene
 Concen: 47.140 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	63.9	31.9	95.7

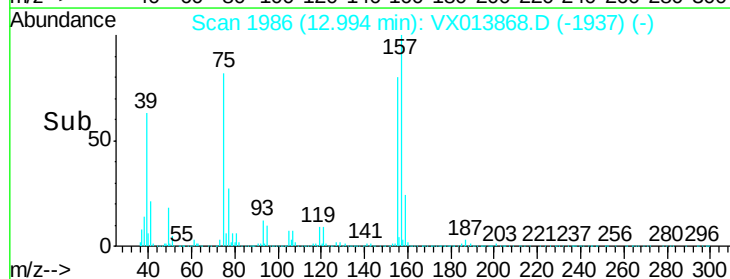
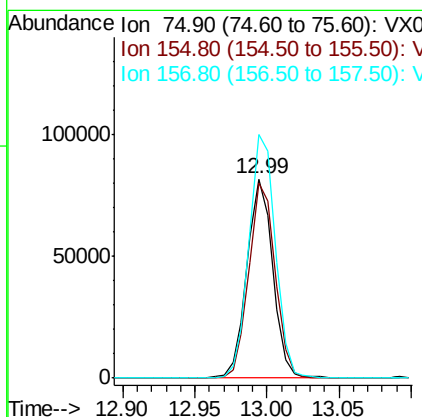
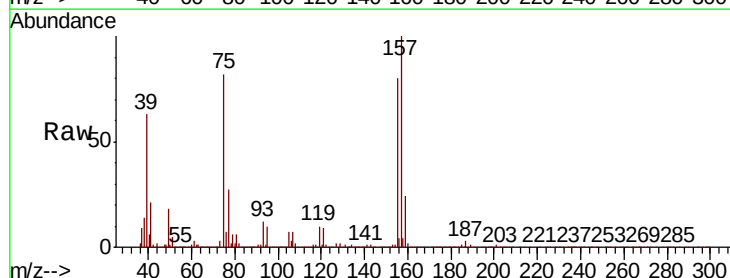
Manual Integrations
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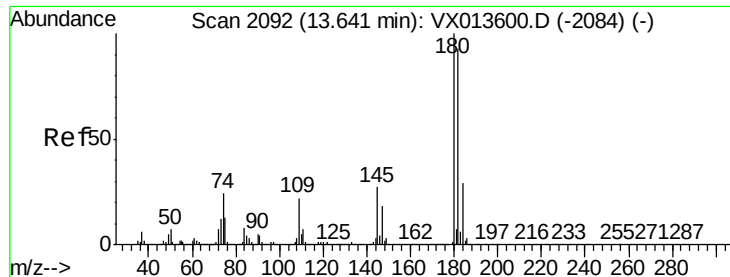
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.335 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.5	47.6	142.8
157	125.4	62.1	186.2





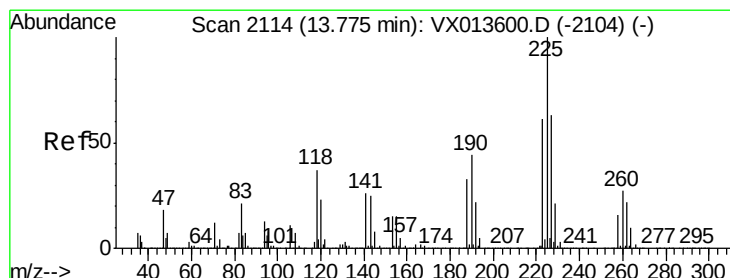
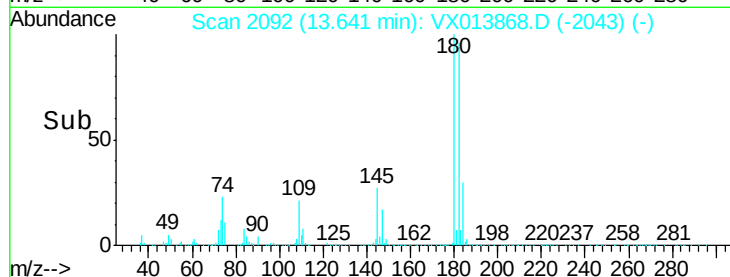
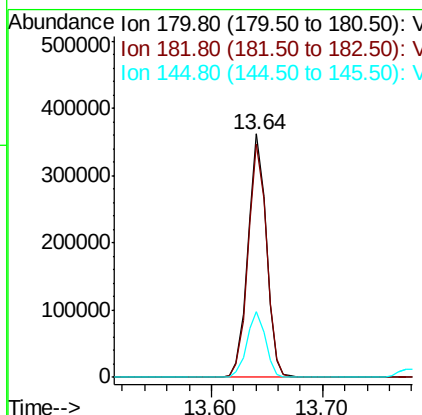
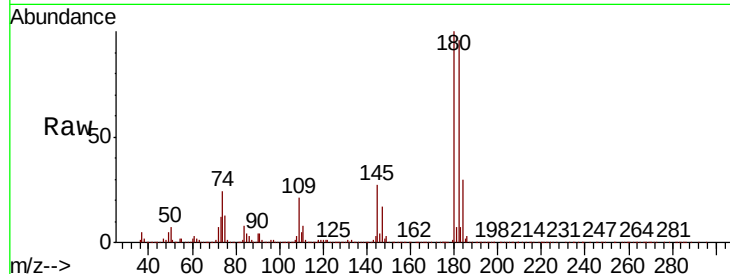
#93
 1,2,4-Trichlorobenzene
 Concen: 45.406 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	413247
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.2	141.6
145	27.3	13.8	41.4

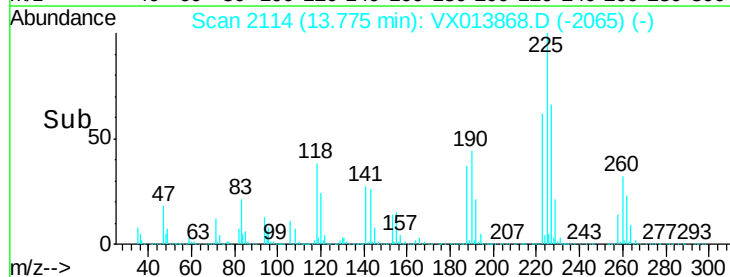
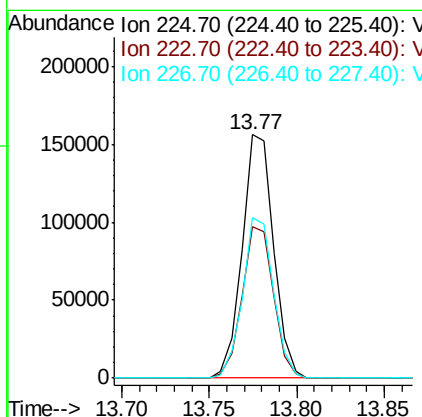
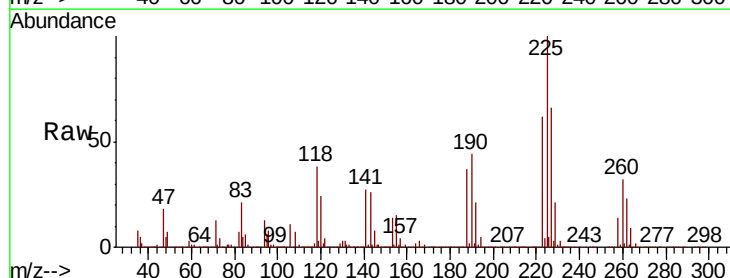
Manual Integrations
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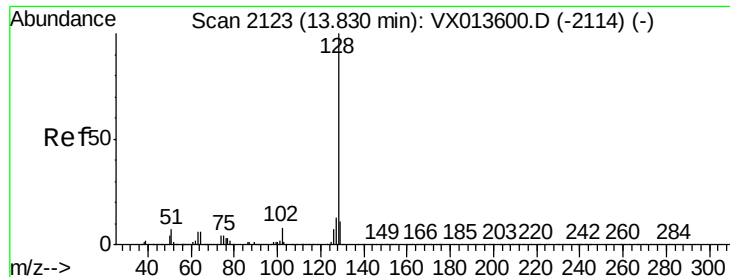
apatel
 12/11/2019 8:54:42 AM



#94
 Hexachlorobutadiene
 Concen: 44.534 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013868.D
 Acq: 09 Dec 2019 22:01

Tgt Ion:	225	Resp:	194703
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.9	95.5
227	64.8	32.1	96.3





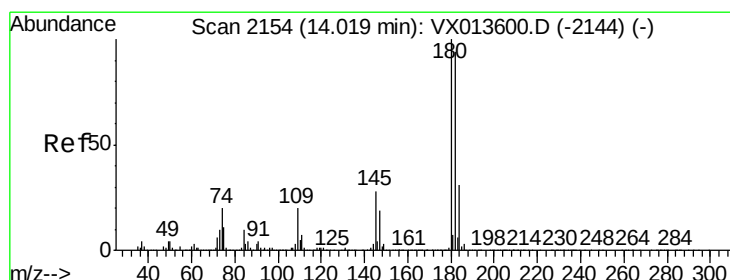
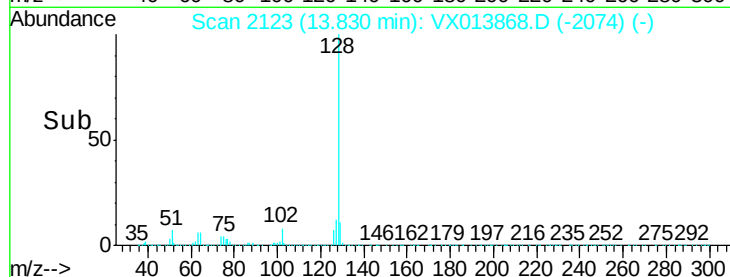
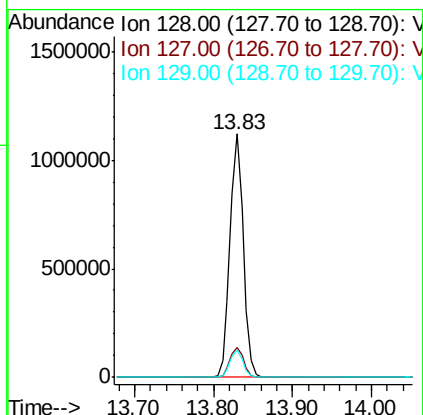
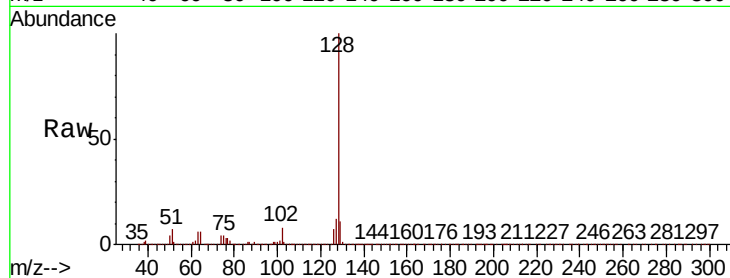
#95
Naphthalene
Concen: 48.695 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
12/11/2019 8:54:42 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.093 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013868.D
Acq: 09 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	29.6	15.0	45.0

