

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013667.D
 Acq On : 27 Nov 2019 21:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/2/2019 3:18:01 PM

Quant Time: Nov 28 04:29:36 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	643963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1017501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	916088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	453108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	368353	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.49	113	304928	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	8.71	98	1185389	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.13	95	426687	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	376115	52.474	ug/l	99
3) Chloromethane	1.32	50	411192	51.127	ug/l	99
4) Vinyl Chloride	1.40	62	478848	52.899	ug/l	99
5) Bromomethane	1.63	94	280665	46.168	ug/l	100
6) Chloroethane	1.71	64	262264	50.914	ug/l	99
7) Trichlorofluoromethane	1.92	101	510604	50.798	ug/l	99
8) Diethyl Ether	2.18	74	236049	51.908	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	308306	50.216	ug/l	98
10) Methyl Iodide	2.50	142	352766	47.498	ug/l	100
11) Tert butyl alcohol	3.03	59	412285	223.453	ug/l	99
12) 1,1-Dichloroethene	2.36	96	313940	51.227	ug/l	99
13) Acrolein	2.28	56	266881	217.096	ug/l	99
14) Allyl chloride	2.72	41	559177	50.279	ug/l	99
15) Acrylonitrile	3.13	53	978816	257.006	ug/l	99
16) Acetone	2.43	43	849846	230.281	ug/l	99
17) Carbon Disulfide	2.56	76	830873	47.559	ug/l	99
18) Methyl Acetate	2.77	43	550200	53.539	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1049516	51.695	ug/l	98
20) Methylene Chloride	2.85	84	356017	50.214	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	336010	50.329	ug/l	99
22) Diisopropyl ether	3.84	45	1115881	52.108	ug/l	97
23) Vinyl Acetate	3.80	43	4643725	260.665	ug/l	100
24) 1,1-Dichloroethane	3.69	63	608925	52.015	ug/l	99
25) 2-Butanone	4.66	43	1369082	249.616	ug/l	99
26) 2,2-Dichloropropane	4.57	77	440920	45.522	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	383016	49.957	ug/l	98
28) Bromochloromethane	5.00	49	255864	55.308	ug/l	98
29) Tetrahydrofuran	5.12	42	878841	259.921	ug/l	99
30) Chloroform	5.20	83	591829	49.849	ug/l	97
31) Cyclohexane	5.57	56	547835	49.614	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	499198	50.315	ug/l	100
36) 1,1-Dichloropropene	5.79	75	456877	49.465	ug/l	100
37) Ethyl Acetate	4.82	43	528998	51.053	ug/l	100
38) Carbon Tetrachloride	5.78	117	428161	50.273	ug/l	99

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 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)
39) Methylcyclohexane	7.46	83	543888	47.638	ug/l	100
40) Benzene	6.14	78	1392602	49.504	ug/l	100
41) Methacrylonitrile	5.03	41	293684	51.681	ug/l	98
42) 1,2-Dichloroethane	6.19	62	479405	49.970	ug/l	99
43) Isopropyl Acetate	6.44	43	857524	50.269	ug/l	99
44) Trichloroethene	7.20	130	370646	48.008	ug/l	98
45) 1,2-Dichloropropane	7.51	63	357610	50.809	ug/l	96
46) Dibromomethane	7.65	93	233881	48.927	ug/l	100
47) Bromodichloromethane	7.89	83	463295	51.267	ug/l	99
48) Methyl methacrylate	7.76	41	426103	51.409	ug/l	98
49) 1,4-Dioxane	7.73	88	167480	902.723	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2718357	253.333	ug/l	100
52) Toluene	8.78	92	868457	49.694	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	506810	49.271	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	564786	50.258	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	355248	50.443	ug/l	99
56) Ethyl methacrylate	9.17	69	582338	51.432	ug/l	98
57) 1,3-Dichloropropane	9.37	76	603226	49.693	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1106995	249.363	ug/l	100
59) 2-Hexanone	9.49	43	2058129	245.926	ug/l	99
60) Dibromochloromethane	9.58	129	375889	51.431	ug/l	100
61) 1,2-Dibromoethane	9.67	107	372643	49.542	ug/l	100
64) Tetrachloroethene	9.33	164	340346	49.819	ug/l	99
65) Chlorobenzene	10.14	112	936641	49.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	348214	50.984	ug/l	100
67) Ethyl Benzene	10.25	91	1649013	50.454	ug/l	99
68) m/p-Xylenes	10.36	106	1259284	100.638	ug/l	100
69) o-Xylene	10.70	106	614833	50.380	ug/l	99
70) Styrene	10.71	104	1057888	51.531	ug/l	99
71) Bromoform	10.86	173	292166	51.700	ug/l	# 99
73) Isopropylbenzene	11.01	105	1607095	50.563	ug/l	99
74) N-amyl acetate	10.89	43	760228	52.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	565407	51.296	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	443721m	43.540	ug/l	
77) Bromobenzene	11.25	156	424915	49.486	ug/l	99
78) n-propylbenzene	11.35	91	1822472	51.365	ug/l	100
79) 2-Chlorotoluene	11.42	91	1077000	50.602	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1349444	51.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	183262	49.197	ug/l	99
82) 4-Chlorotoluene	11.51	91	1240290	50.314	ug/l	99
83) tert-Butylbenzene	11.76	119	1356457	51.237	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1354642	51.239	ug/l	99
85) sec-Butylbenzene	11.94	105	1550251	51.266	ug/l	100
86) p-Isopropyltoluene	12.06	119	1418816	50.435	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	742075	49.579	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	735326	48.232	ug/l	98
89) n-Butylbenzene	12.39	91	1226573	51.121	ug/l	99
90) Hexachloroethane	12.59	117	253488	49.852	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	739093	49.977	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	122050	50.848	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDCCC050

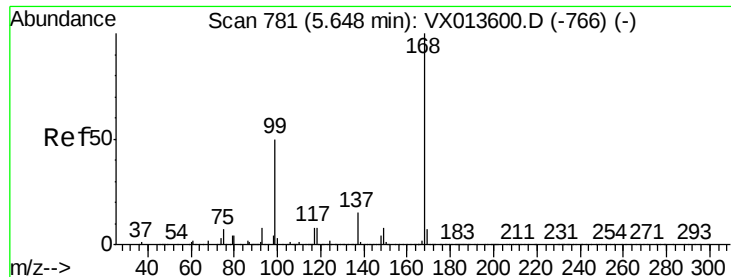
Manual Integrations
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Quant Time: Nov 28 04:29:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	499898	48.503	ug/l	98
94) Hexachlorobutadiene	13.78	225	234805	47.425	ug/l	99
95) Naphthalene	13.83	128	1607018	52.357	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	516881	50.651	ug/l	100

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



#1

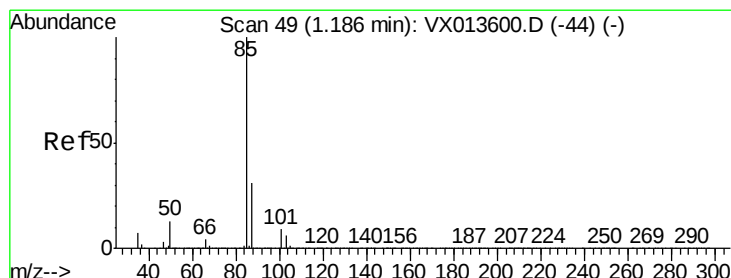
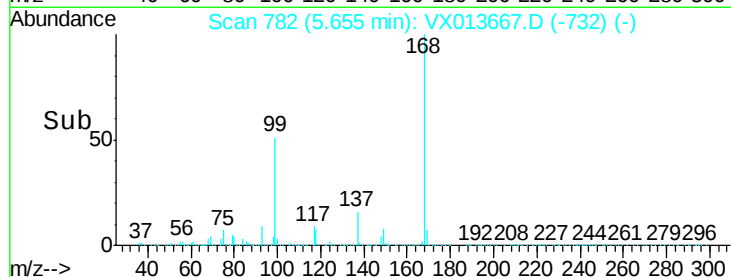
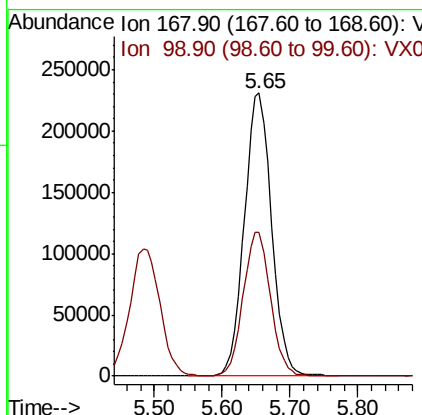
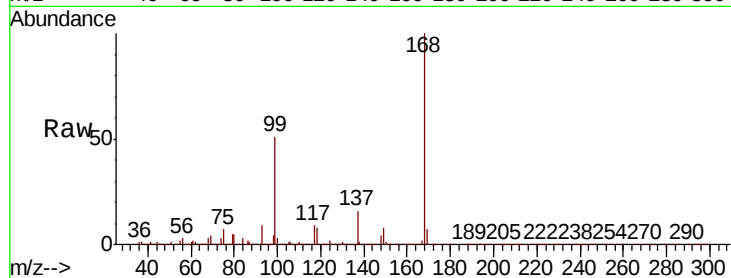
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.7	39.8	59.8

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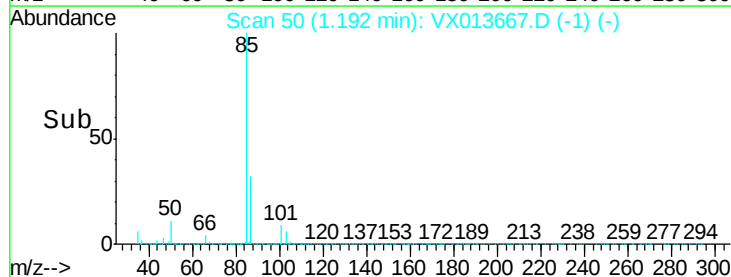
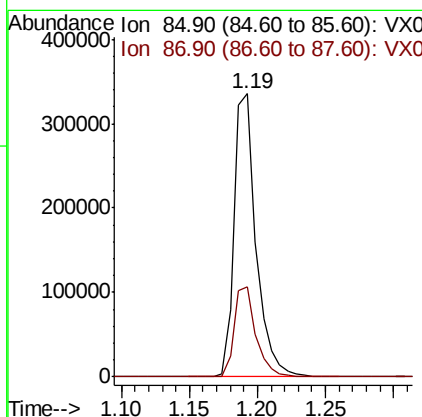
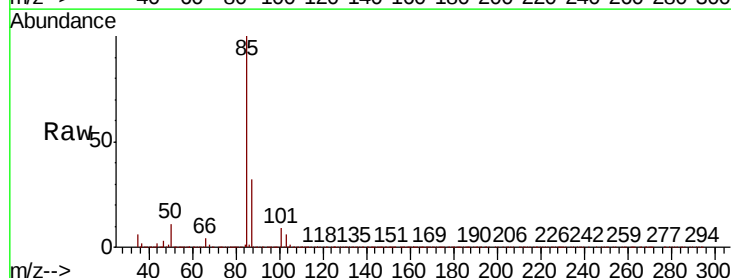
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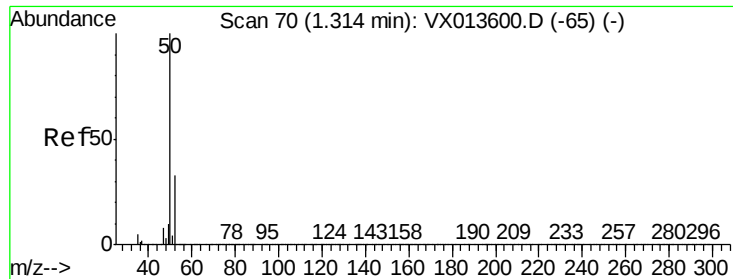


#2

Dichlorodifluoromethane
 Concen: 52.474 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.7	47.1





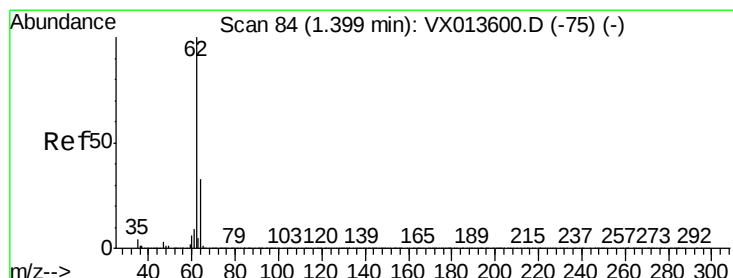
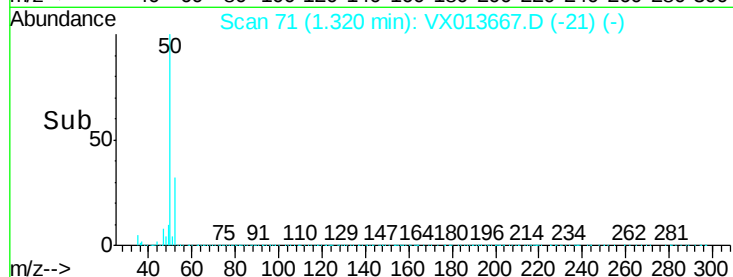
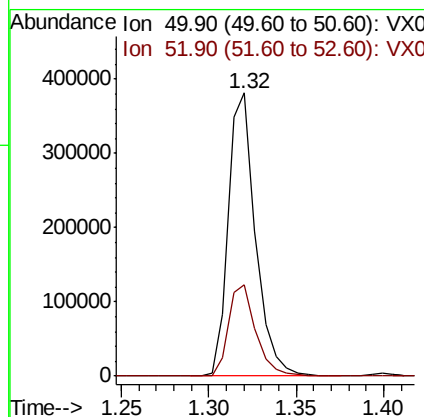
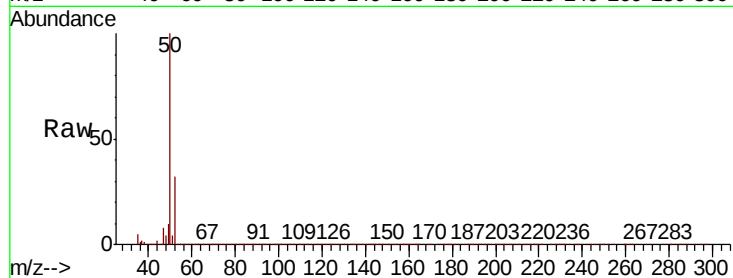
#3
Chloromethane
Concen: 51.127 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.0	39.0

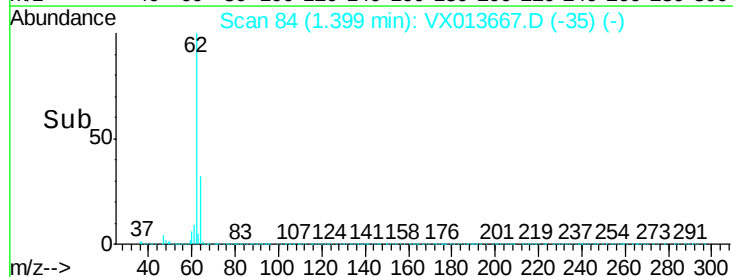
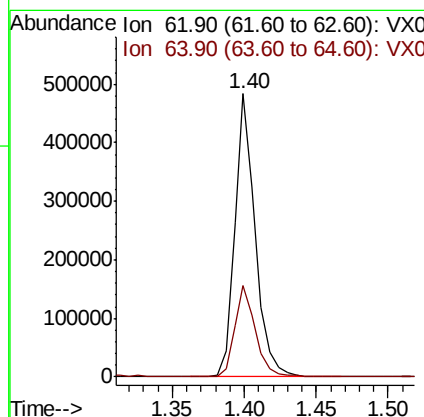
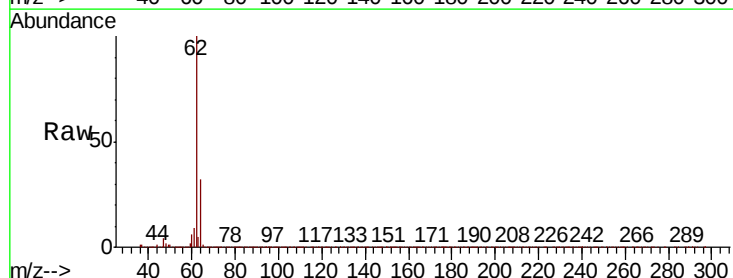
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#4
Vinyl Chloride
Concen: 52.899 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.2	26.0	39.0





#5

Bromomethane

Concen: 46.168 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 280665

Ion Ratio Lower Upper

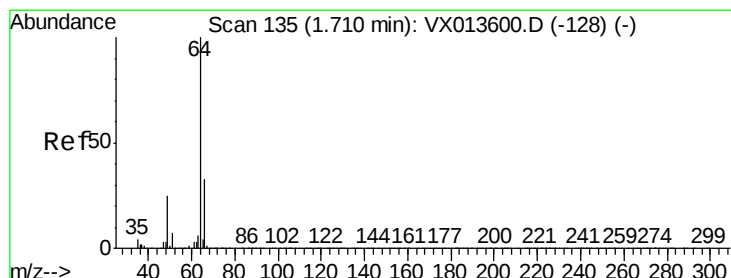
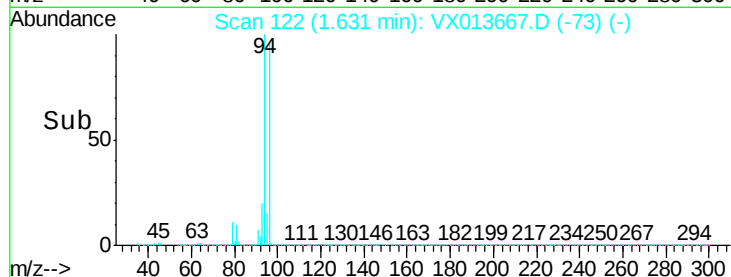
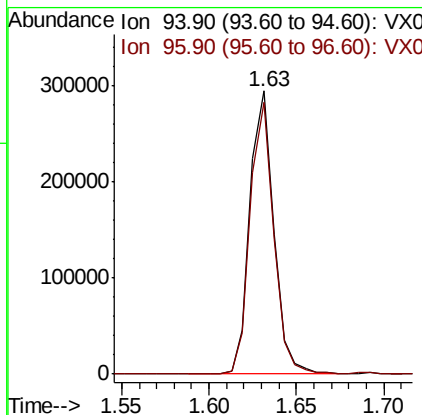
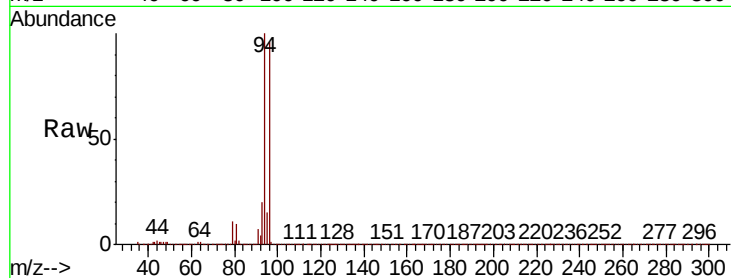
94 100

96 96.1 77.0 115.4

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#6

Chloroethane

Concen: 50.914 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013667.D

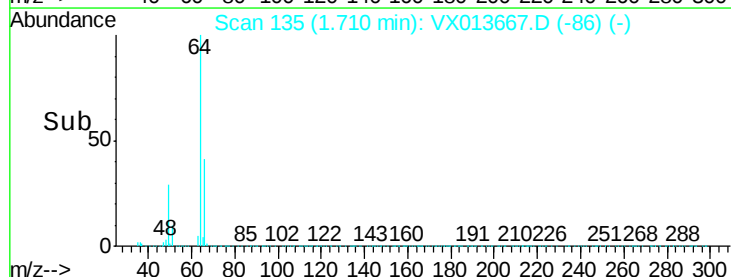
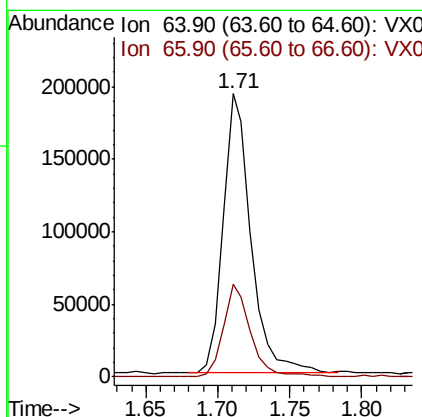
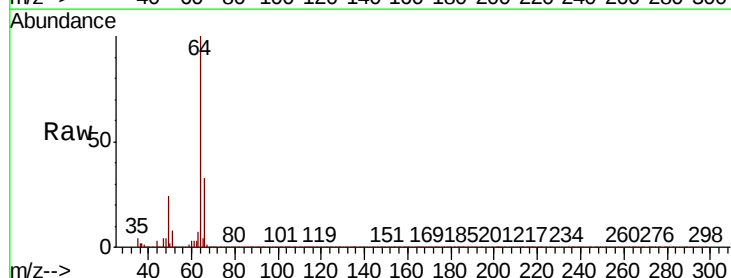
Acq: 27 Nov 2019 21:41

Tgt Ion: 64 Resp: 262264

Ion Ratio Lower Upper

64 100

66 32.8 26.7 40.1





#7

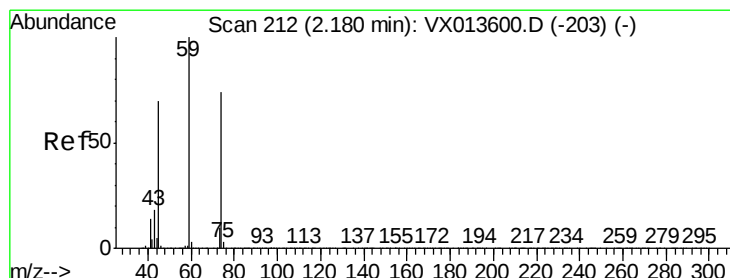
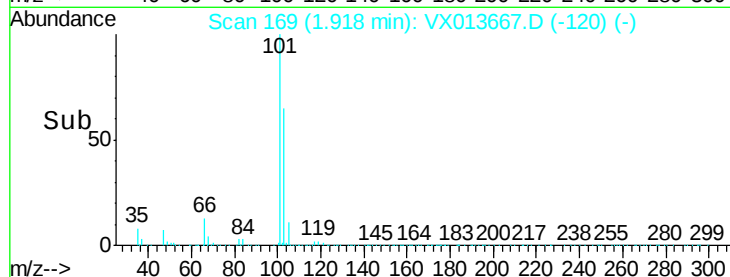
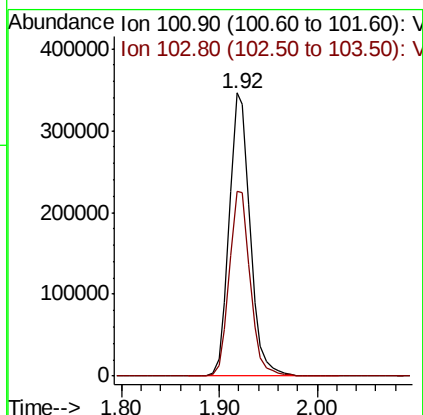
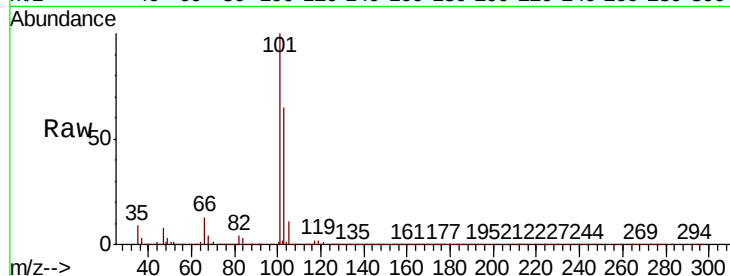
Trichlorofluoromethane
Concen: 50.798 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.8	77.6

Manual Integrations
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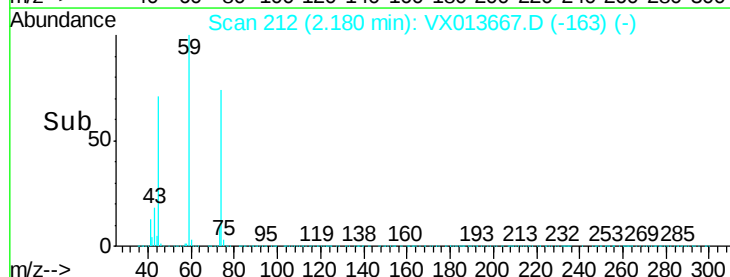
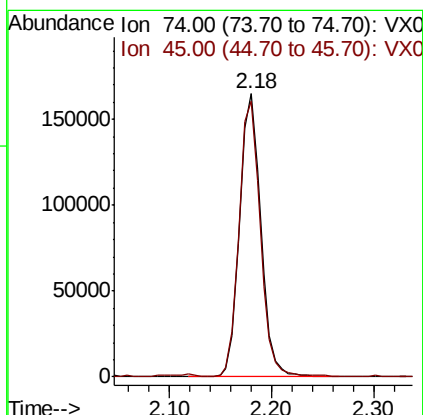
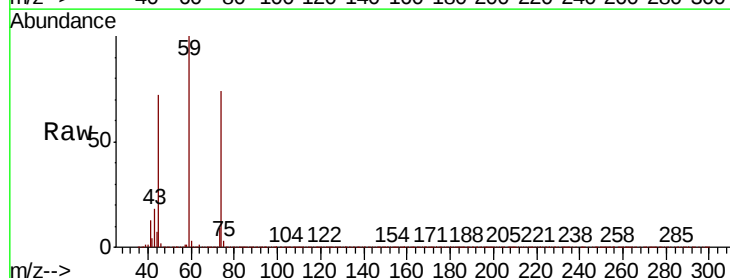
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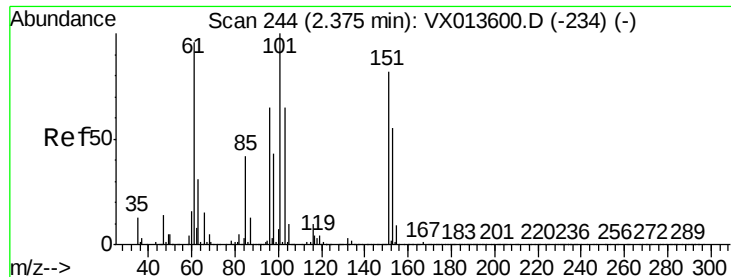


#8

Diethyl Ether
Concen: 51.908 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.216 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

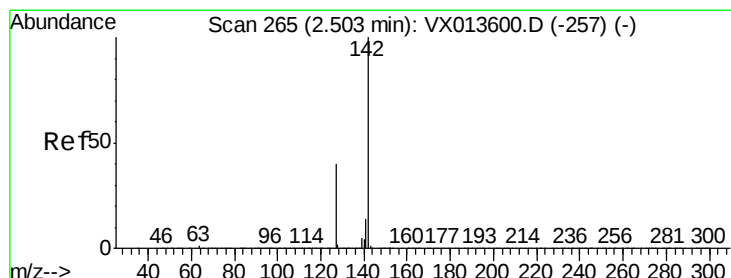
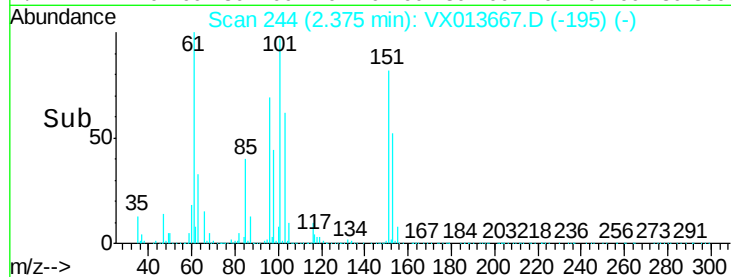
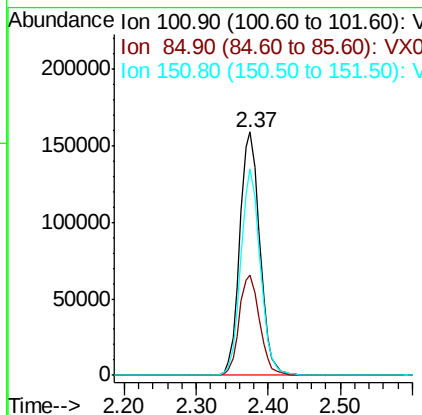
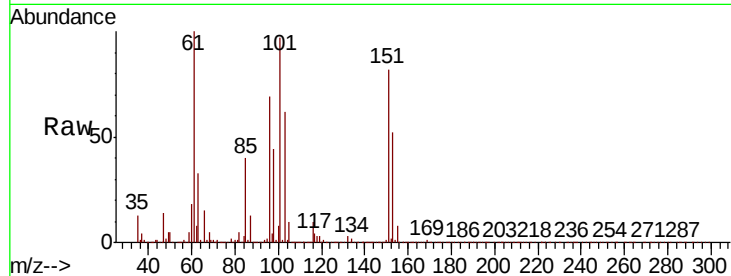
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	308306
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.9	50.9
151	82.0	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 47.498 ug/l

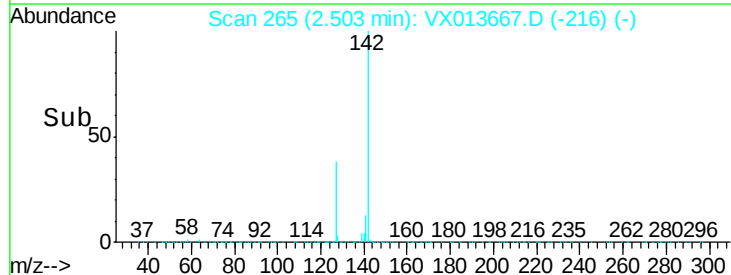
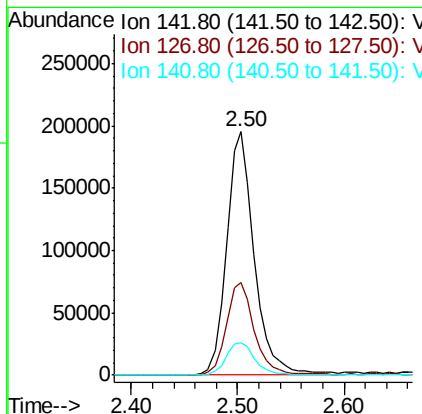
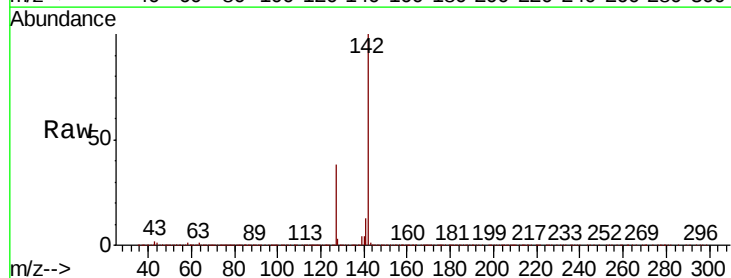
RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion:	142	Resp:	352766
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.0	46.4
141	14.2	11.6	17.4





#11

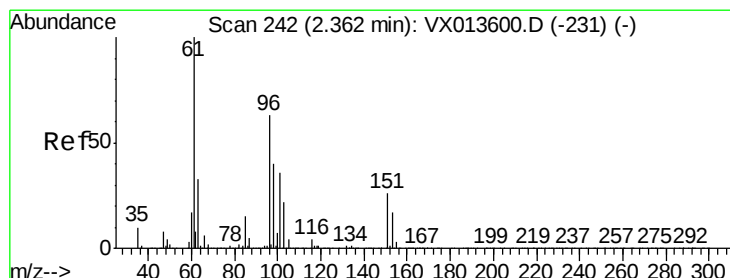
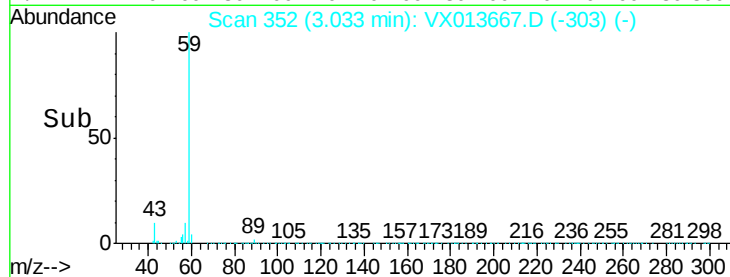
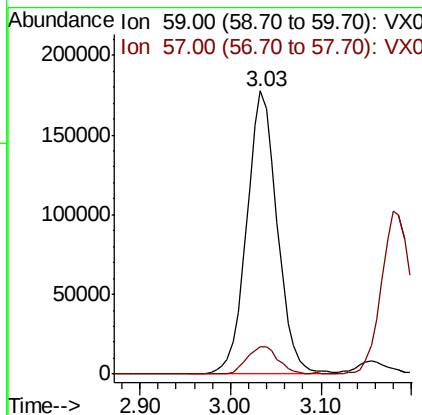
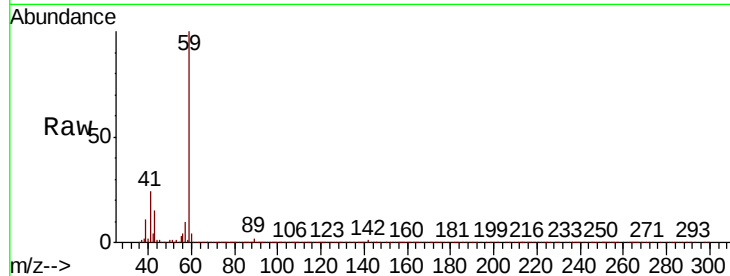
Tert butyl alcohol
Concen: 223.453 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.6

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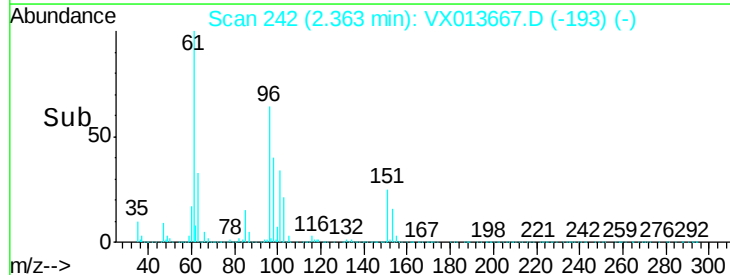
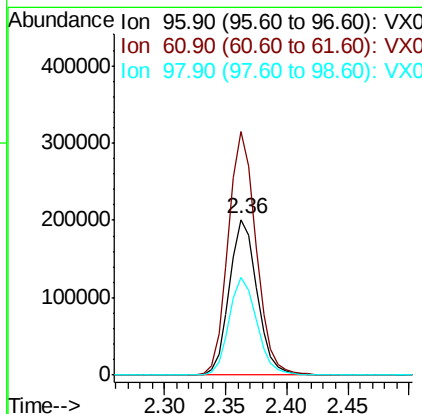
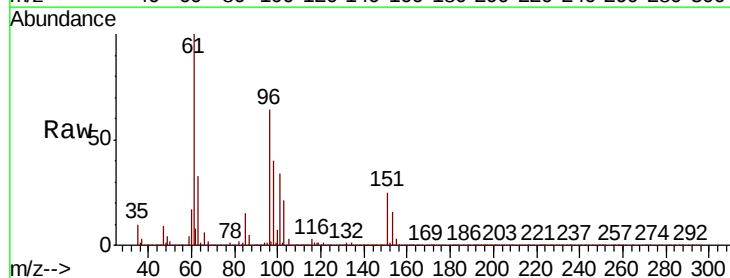
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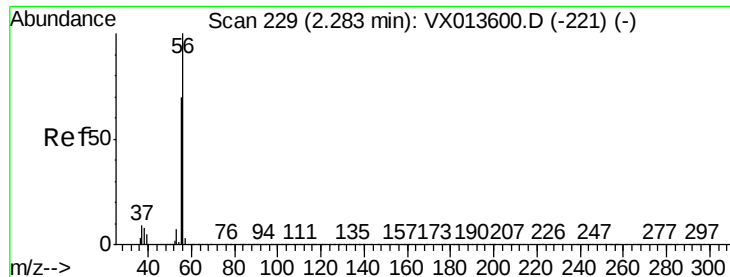


#12

1,1-Dichloroethene
Concen: 51.227 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.4	126.6	190.0
98	62.8	50.6	76.0





#13

Acrolein

Concen: 217.096 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 266881

Ion Ratio Lower Upper

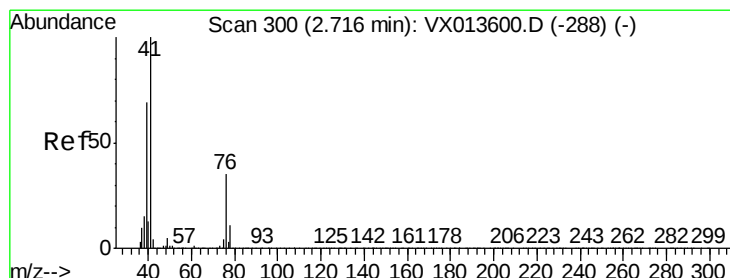
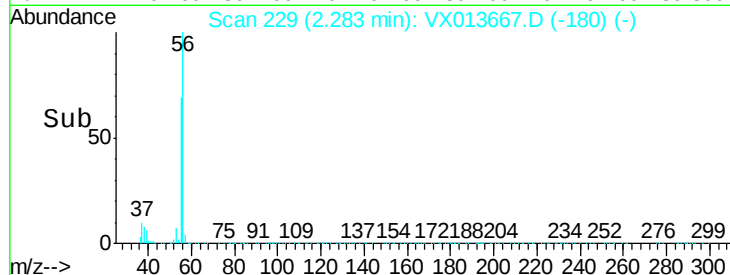
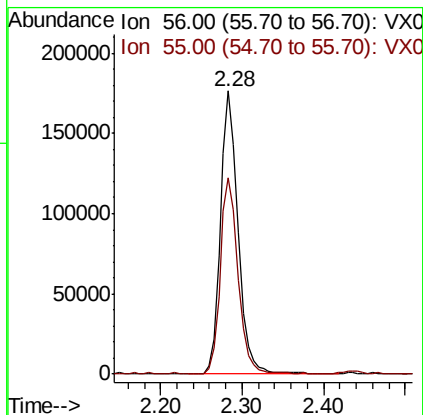
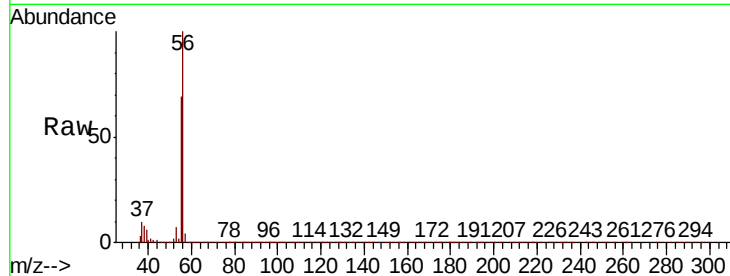
56 100

55 69.1 56.2 84.4

Manual Integrations
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#14

Allyl chloride

Concen: 50.279 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

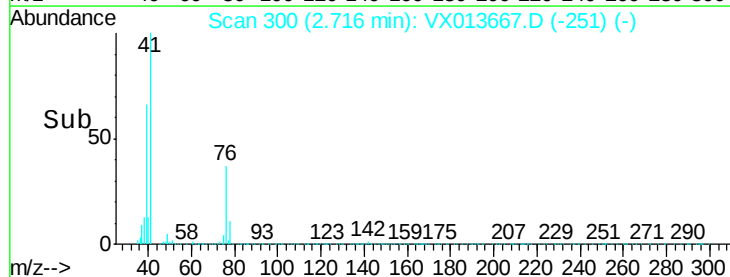
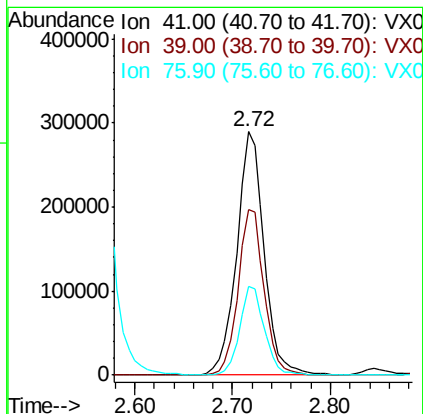
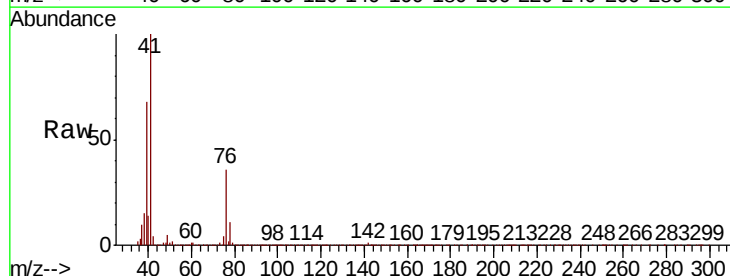
Tgt Ion: 41 Resp: 559177

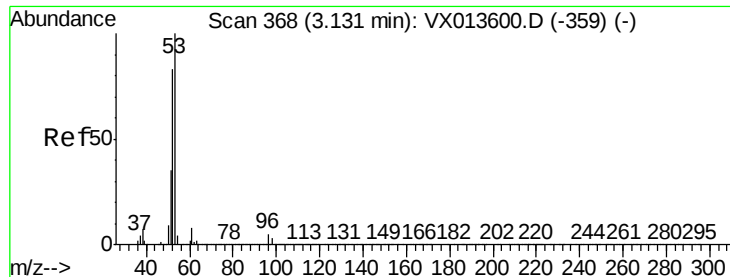
Ion Ratio Lower Upper

41 100

39 65.0 51.7 77.5

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 257.006 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

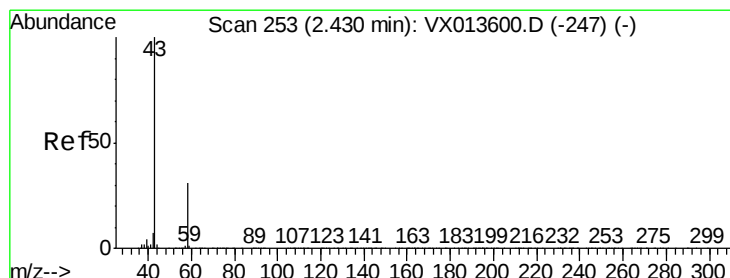
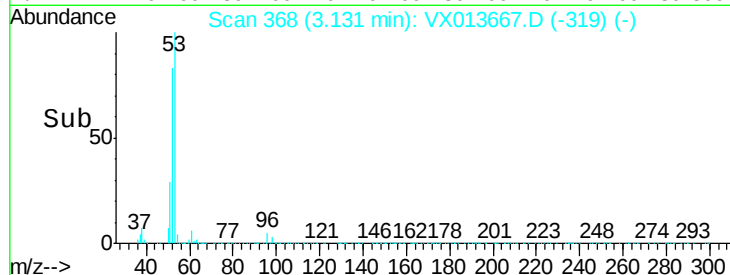
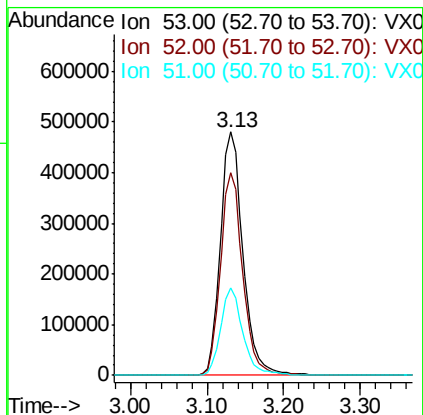
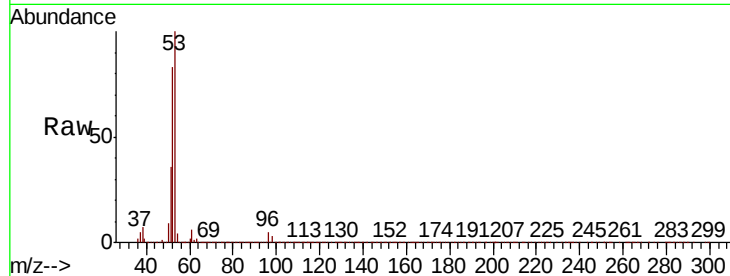
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	978816
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.2	99.2
51	35.3	29.0	43.6

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#16

Acetone

Concen: 230.281 ug/l

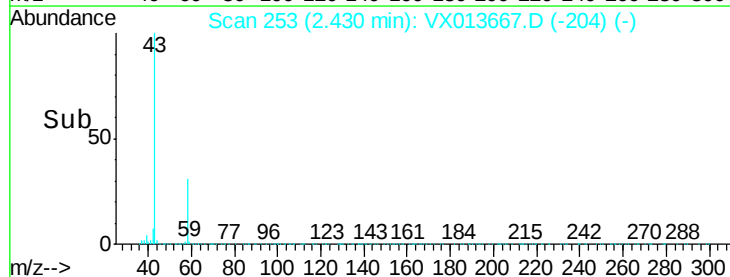
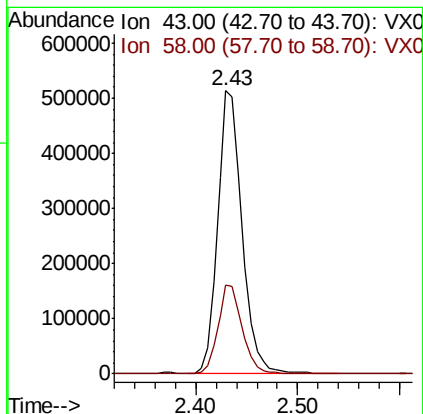
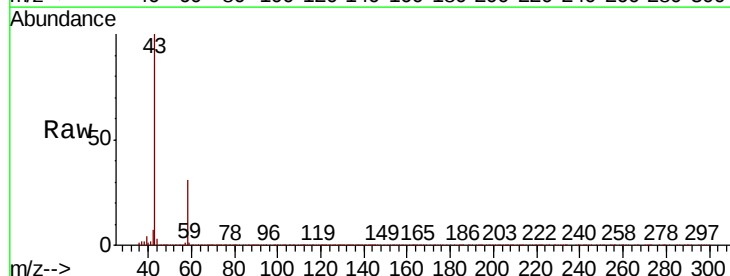
RT: 2.43 min Scan# 253

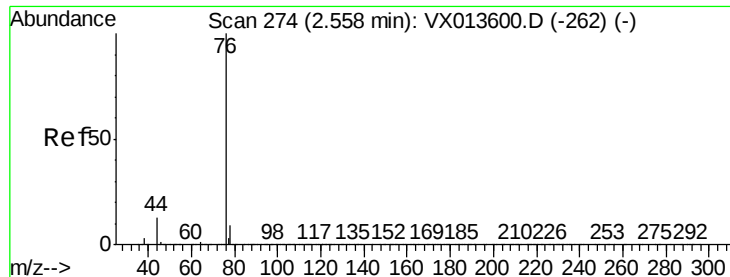
Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion:	43	Resp:	849846
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.6	36.8





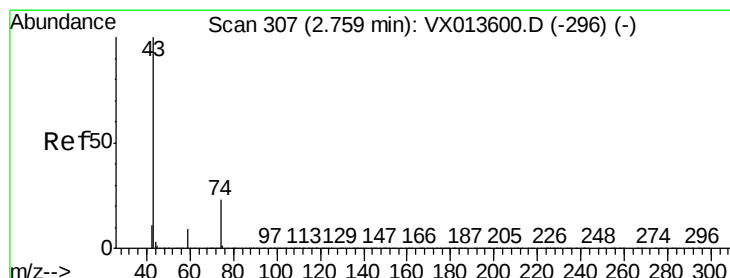
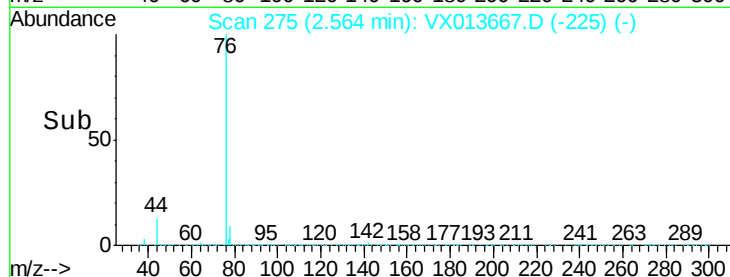
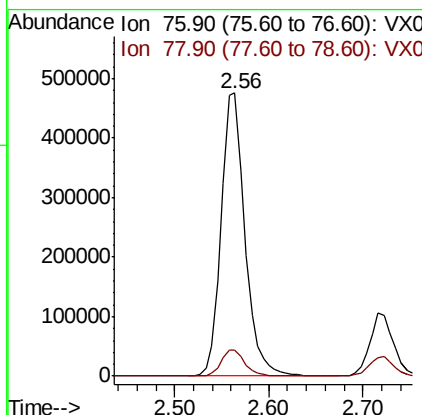
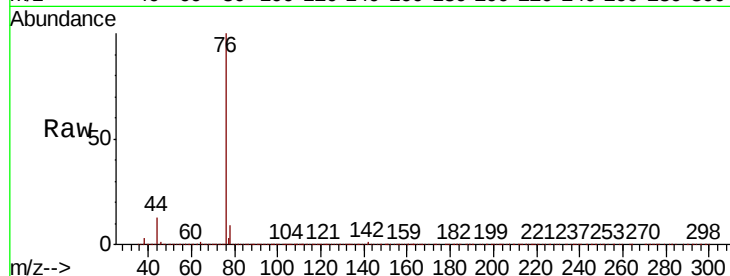
#17
Carbon Disulfide
Concen: 47.559 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

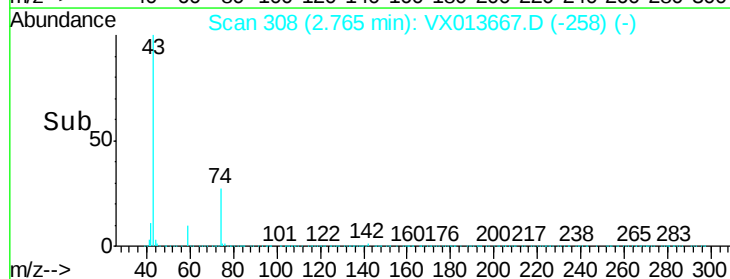
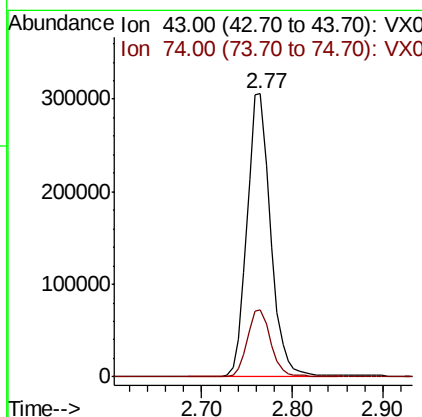
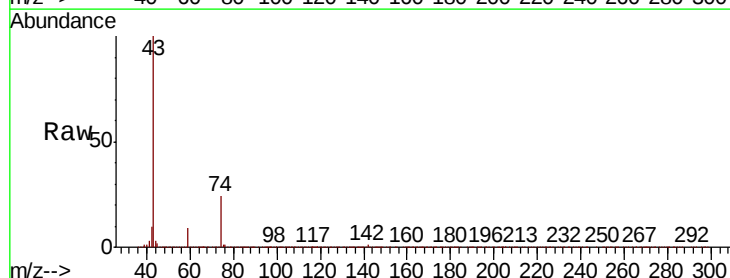
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#18
Methyl Acetate
Concen: 53.539 ug/l
RT: 2.77 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.5	29.3





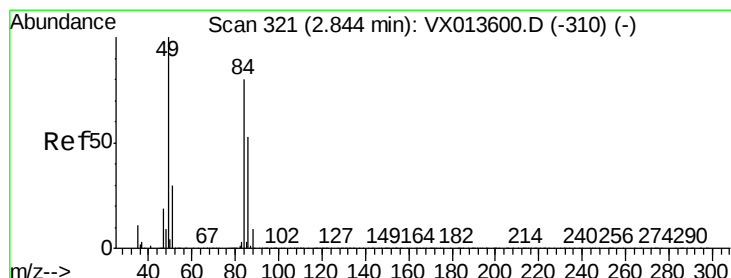
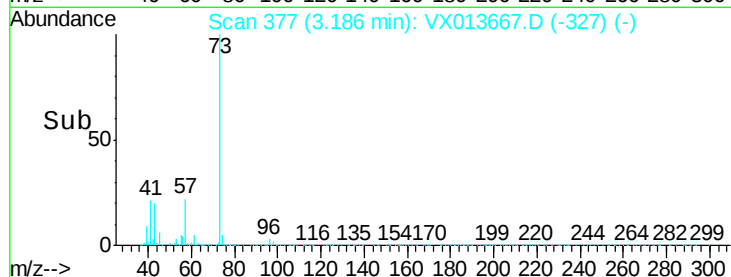
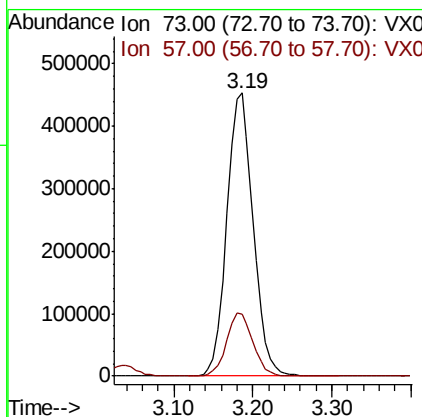
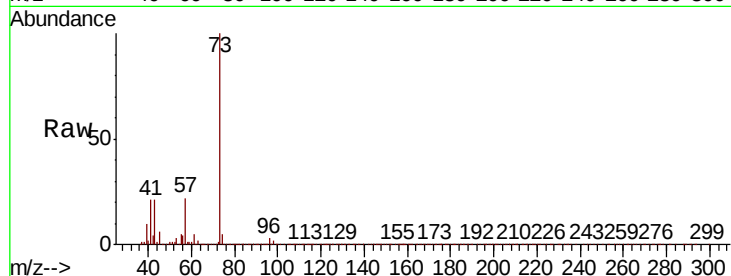
#19
Methvl tert-butvl Ether
Concen: 51.695 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1049516
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5

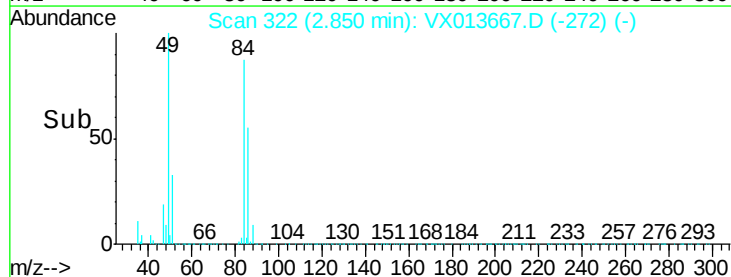
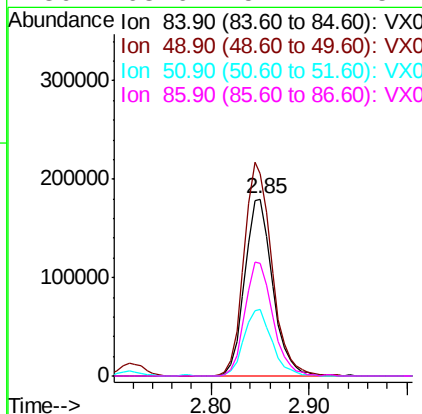
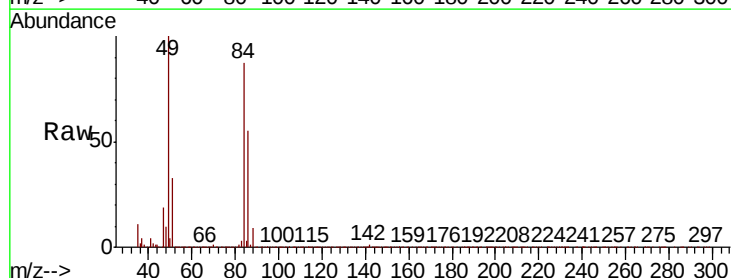
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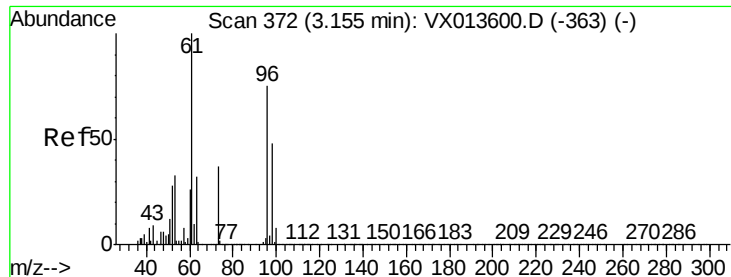
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#20
Methylene Chloride
Concen: 50.214 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 84 Resp: 356017
Ion Ratio Lower Upper
84 100
49 114.7 99.7 149.5
51 37.6 29.9 44.9
86 63.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.329 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

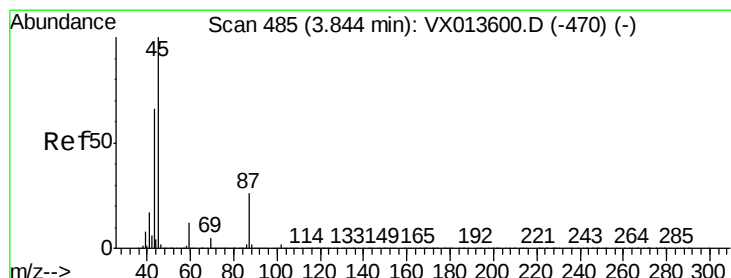
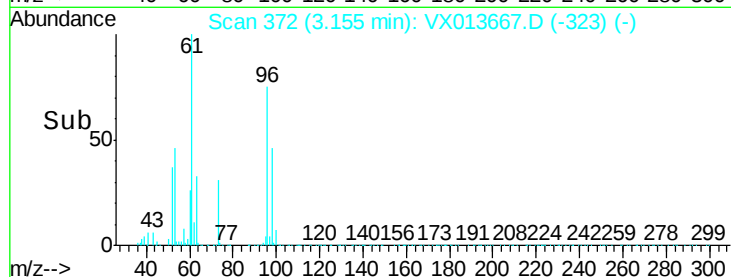
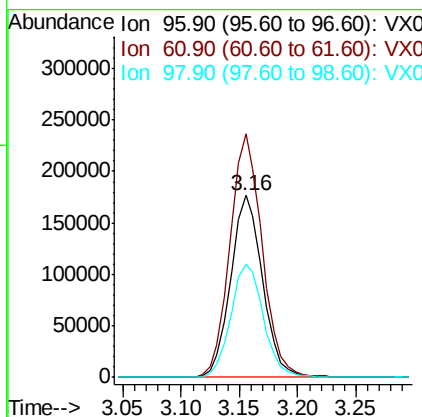
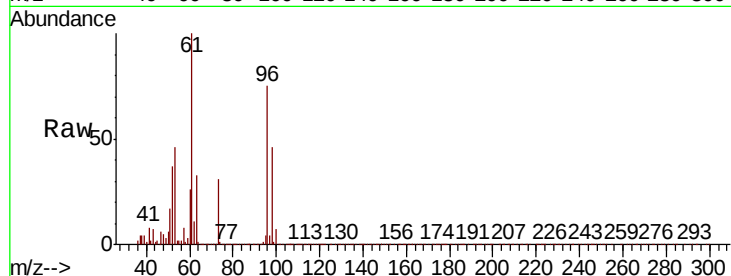
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	336010
Ion	Ratio	Lower	Upper
96	100		
61	133.7	107.2	160.8
98	62.0	51.4	77.0

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#22

Diisopropyl ether

Concen: 52.108 ug/l

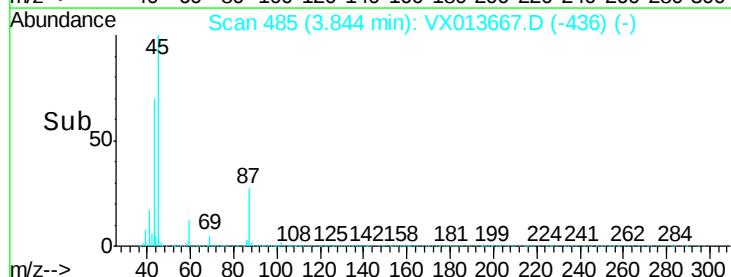
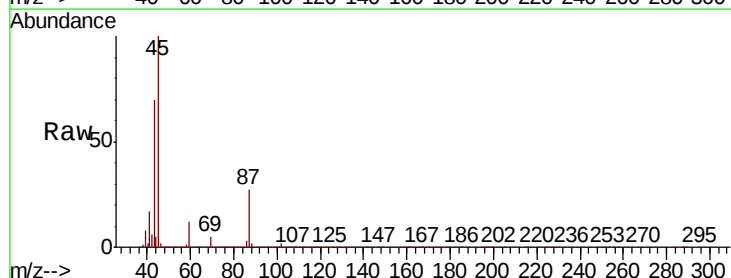
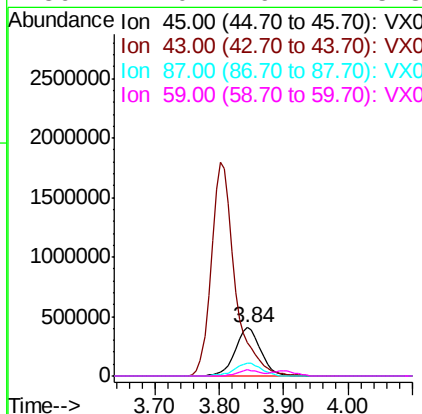
RT: 3.84 min Scan# 485

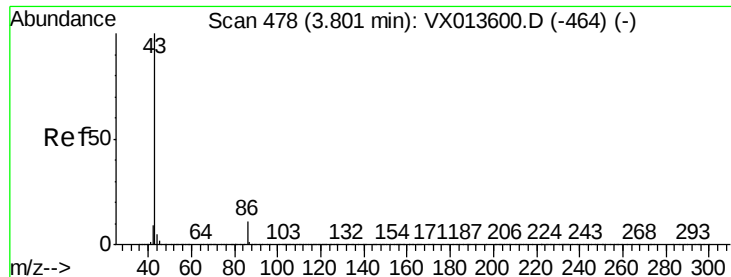
Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion:	45	Resp:	1115881
Ion	Ratio	Lower	Upper
45	100		
43	69.3	52.6	79.0
87	26.8	21.1	31.7
59	12.0	9.2	13.8





#23

Vinyl Acetate

Concen: 260.665 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4643725

Ion Ratio Lower Upper

43 100

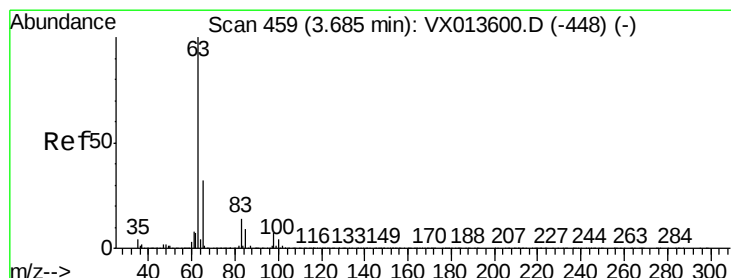
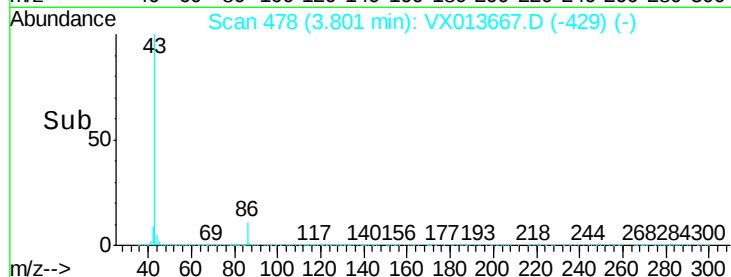
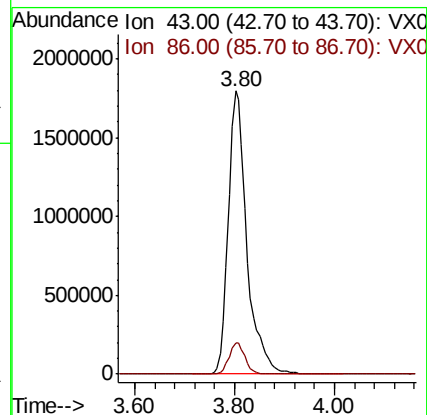
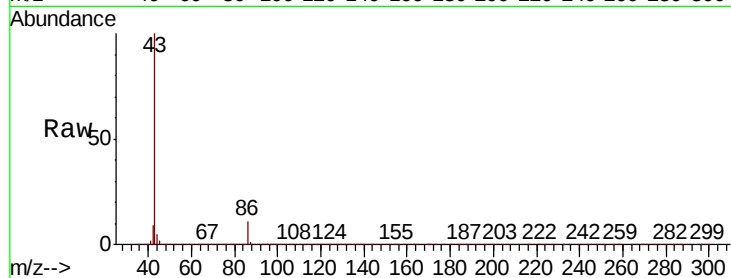
86 10.9 8.7 13.1

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12/2/2019 3:18:01 PM



#24

1,1-Dichloroethane

Concen: 52.015 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

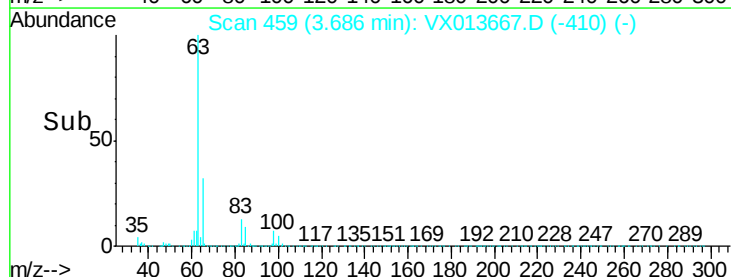
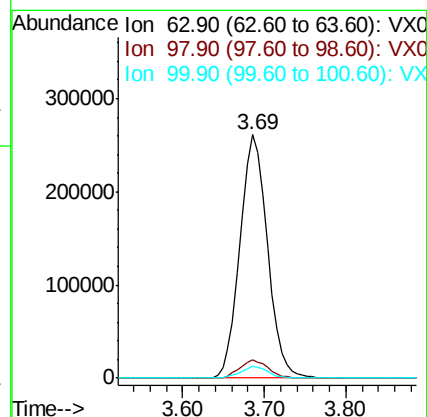
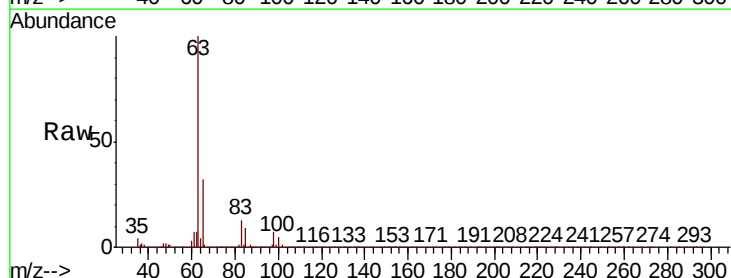
Tgt Ion: 63 Resp: 608925

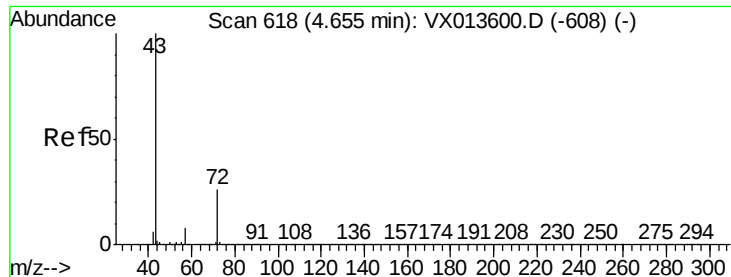
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 249.616 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1369082

Ion Ratio Lower Upper

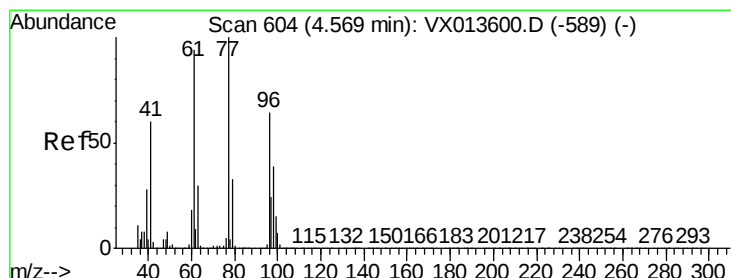
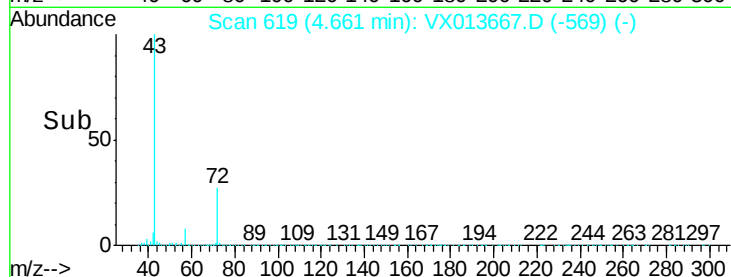
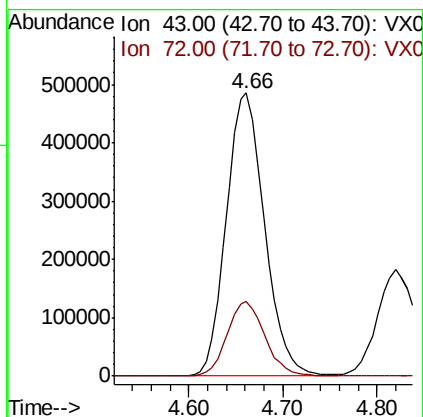
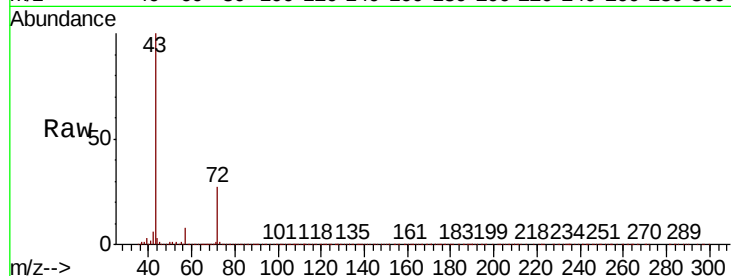
43 100

72 26.4 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 45.522 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013667.D

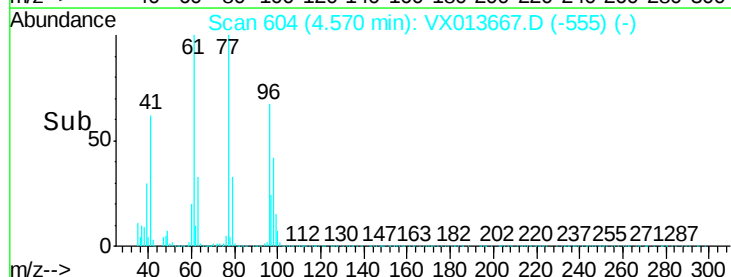
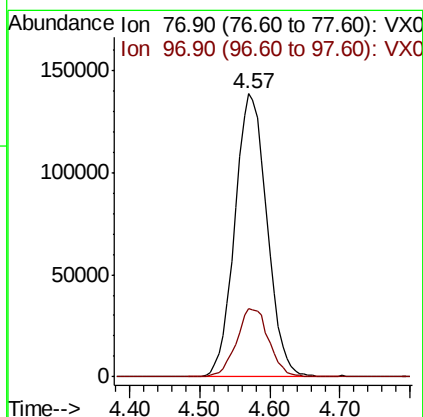
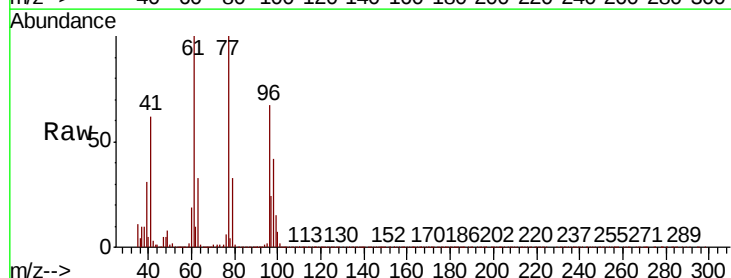
Acq: 27 Nov 2019 21:41

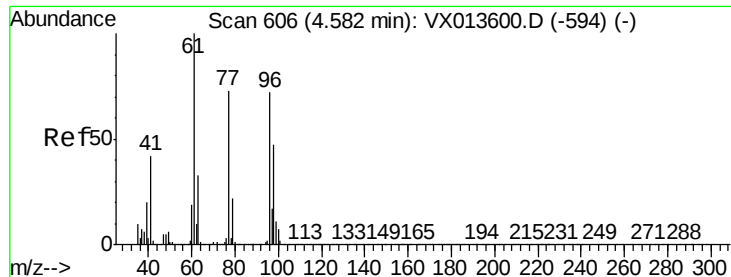
Tgt Ion: 77 Resp: 440920

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1





#27

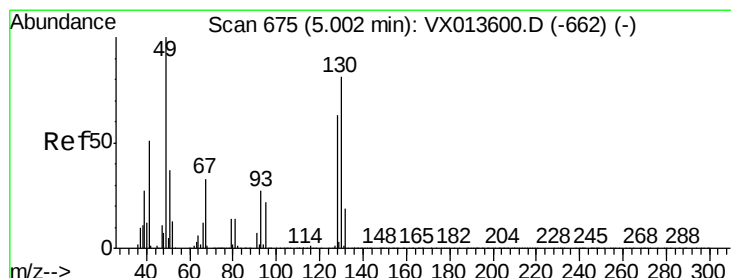
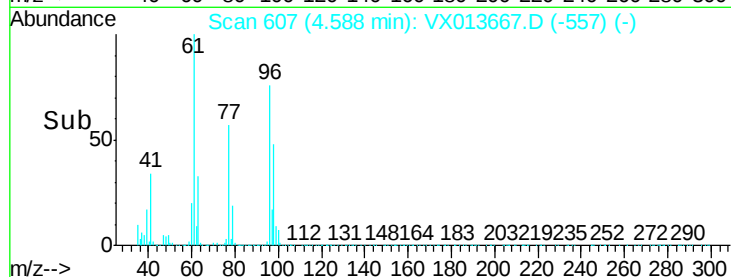
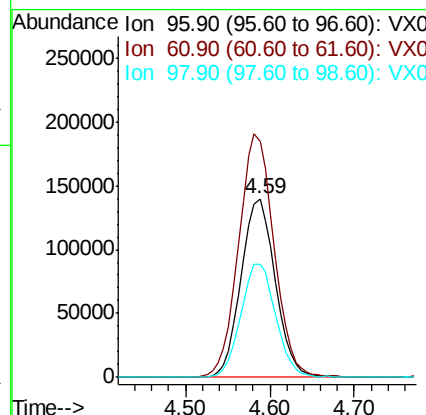
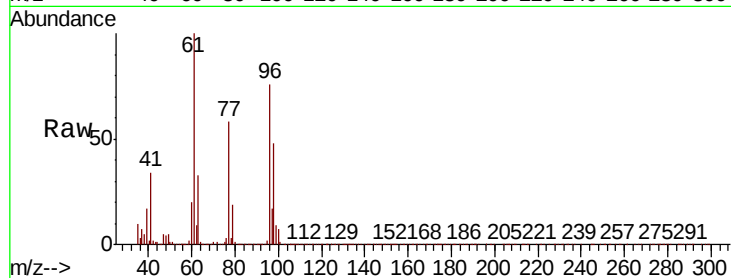
cis-1,2-Dichloroethene
Concen: 49.957 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.2	0.0	286.4	
98	64.8	0.0	127.4	

Manual Integrations
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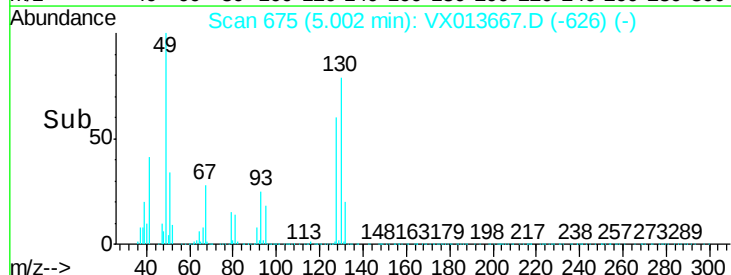
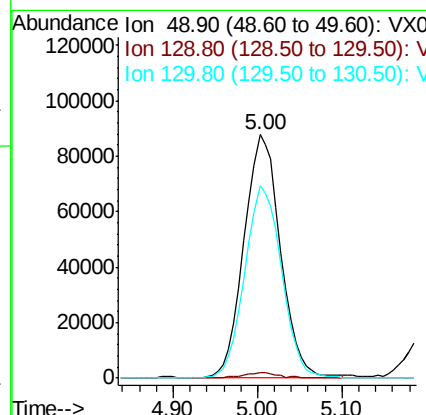
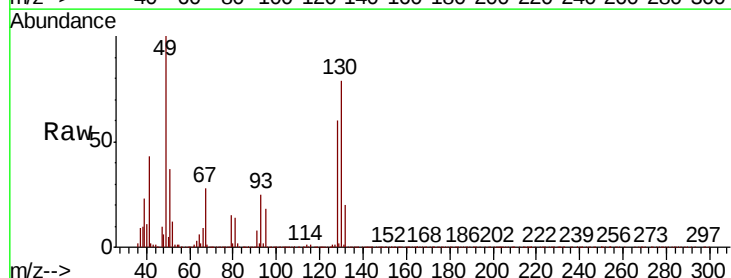
apatel
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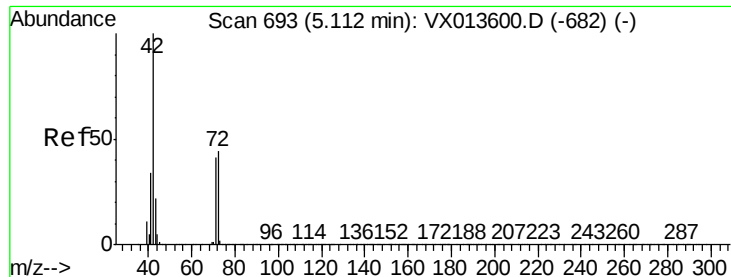


#28

Bromochloromethane
Concen: 55.308 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	5.0	
130	80.2	65.4	98.0	





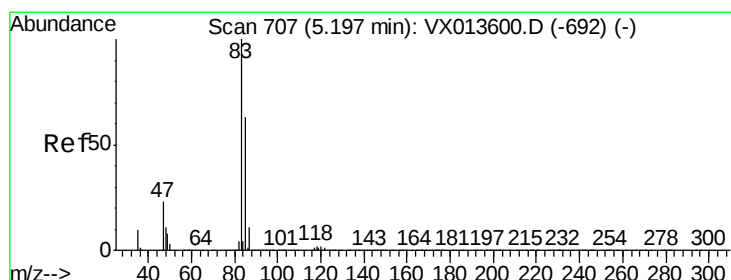
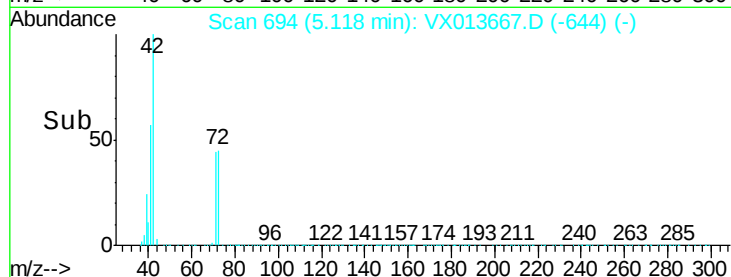
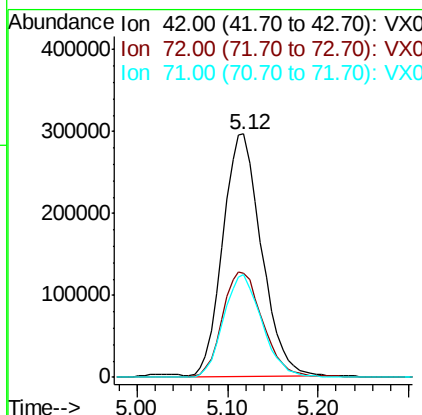
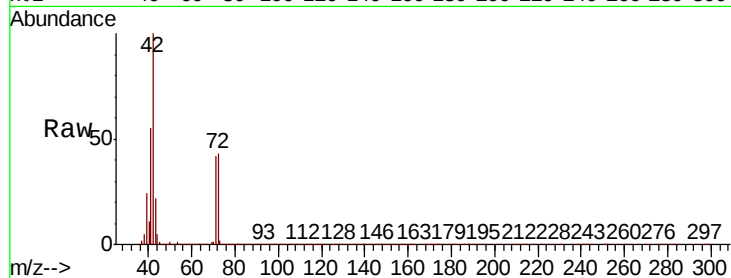
#29
Tetrahydrofuran
Concen: 259.921 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.3	54.5
71	42.6	33.2	49.8

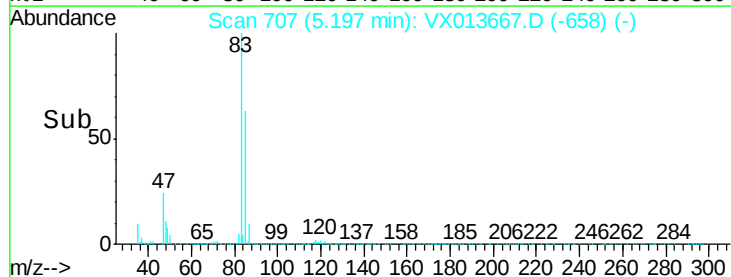
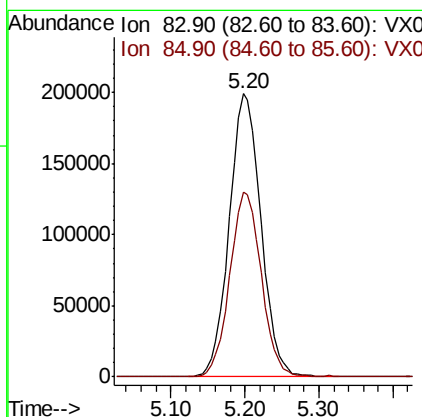
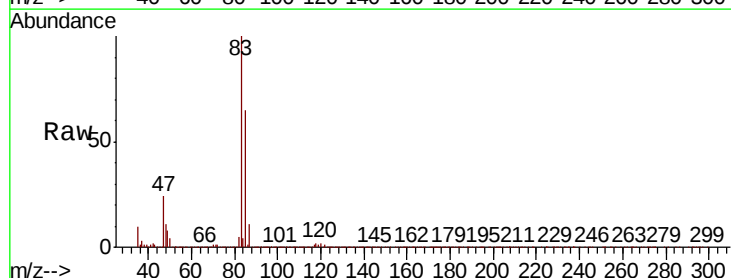
Manual Integrations
APPROVED

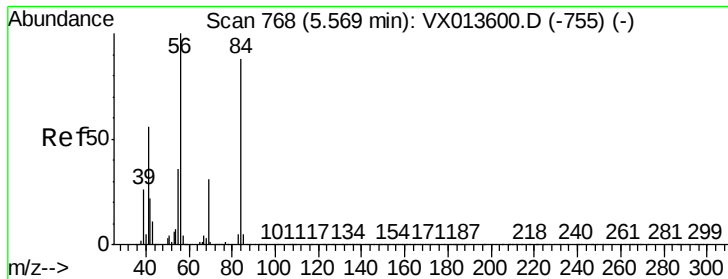
apatel
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#30
Chloroform
Concen: 49.849 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.2	75.4





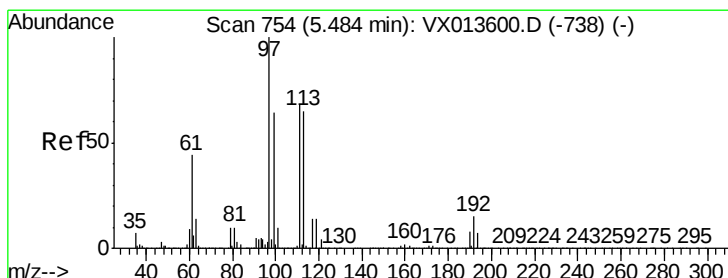
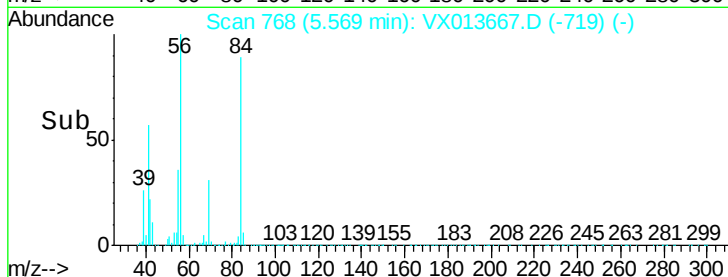
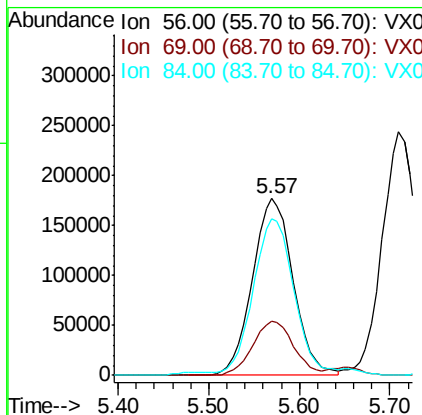
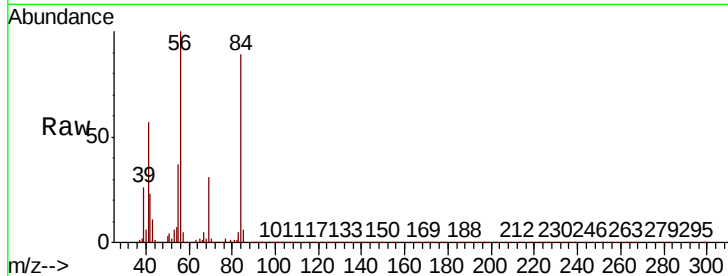
#31
Cyclohexane
Concen: 49.614 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	36.8
84	87.3	70.0	105.0

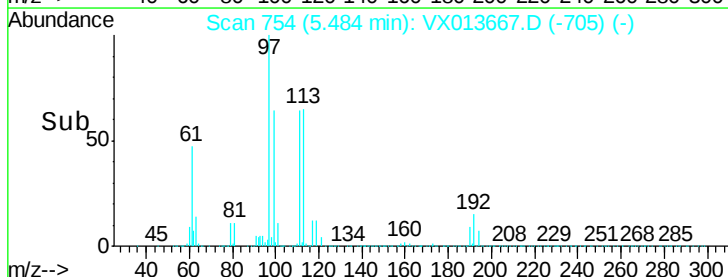
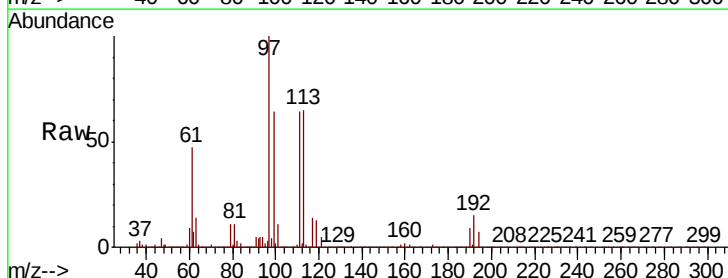
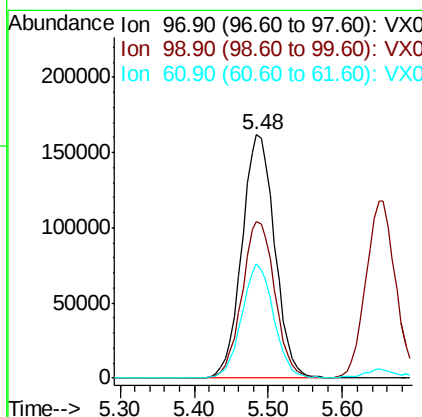
Manual Integrations
APPROVED

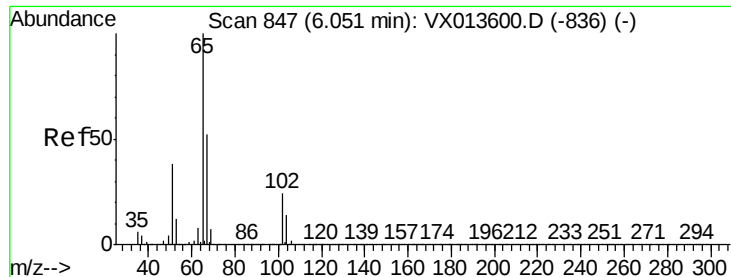
apatel
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#32
1,1,1-Trichloroethane
Concen: 50.315 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	45.6	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 49.278 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 368353

Ion Ratio Lower Upper

65 100

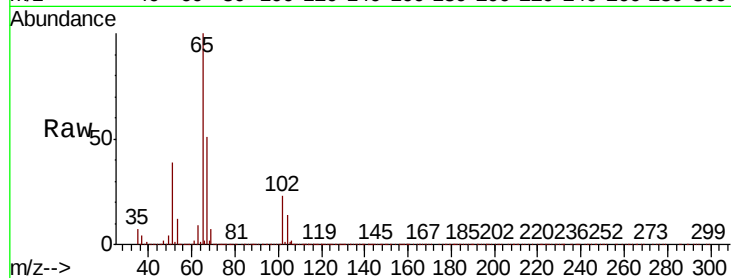
67 52.9 0.0 104.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

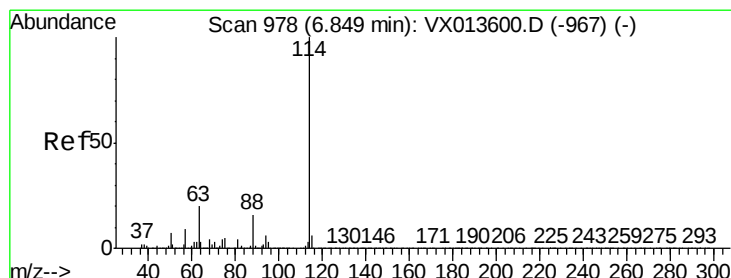
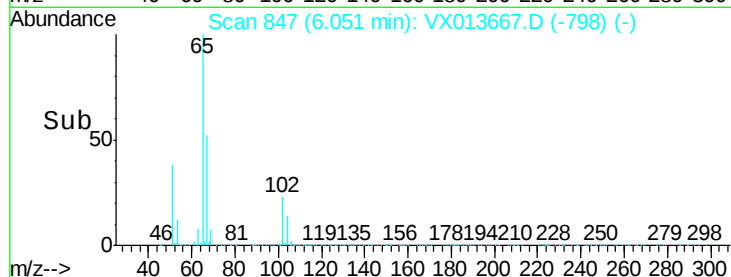
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

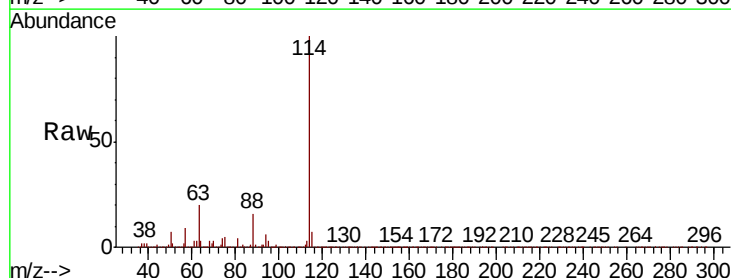
Tgt Ion: 114 Resp: 1017501

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 16.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

600000

500000

400000

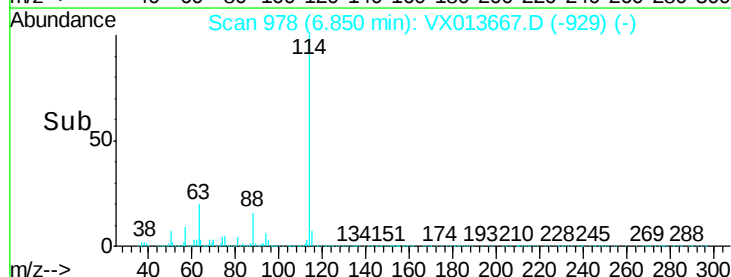
300000

200000

100000

0

Time-->





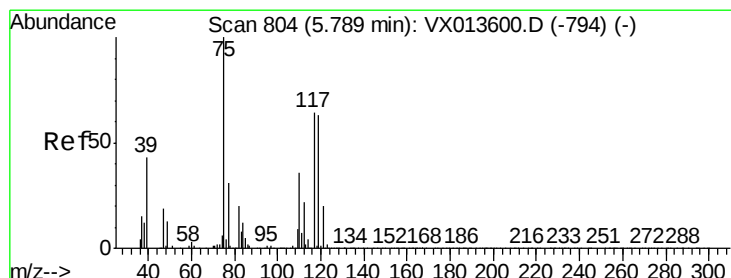
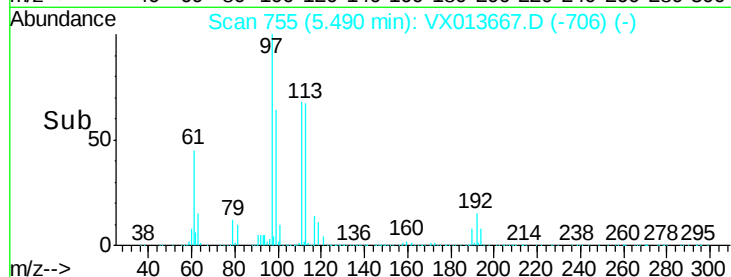
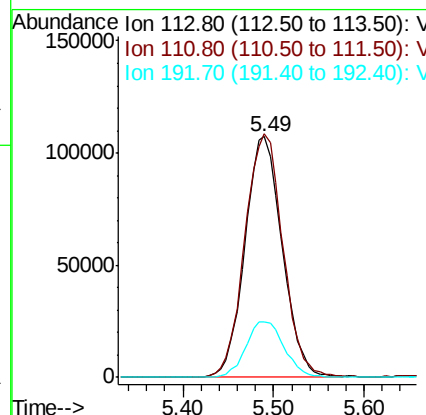
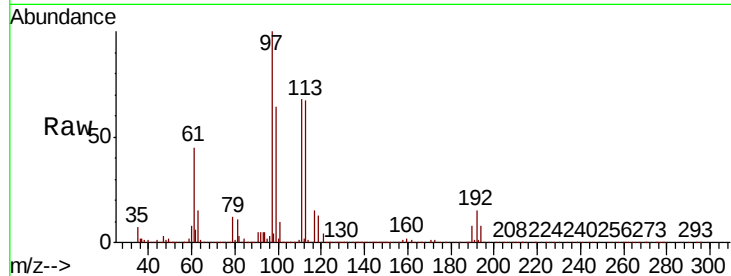
#35
 Dibromofluoromethane
 Concen: 48.476 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	304928		
111	103.3	83.6	125.4	
192	24.2	19.2	28.8	

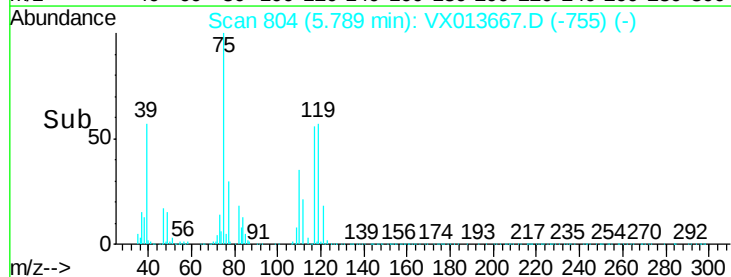
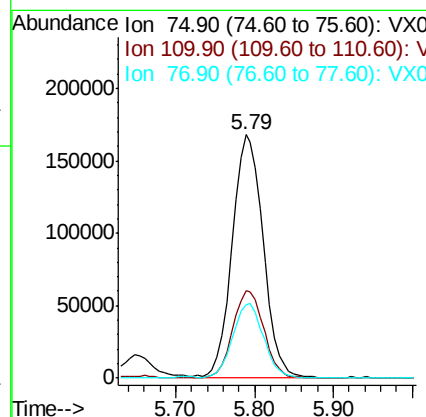
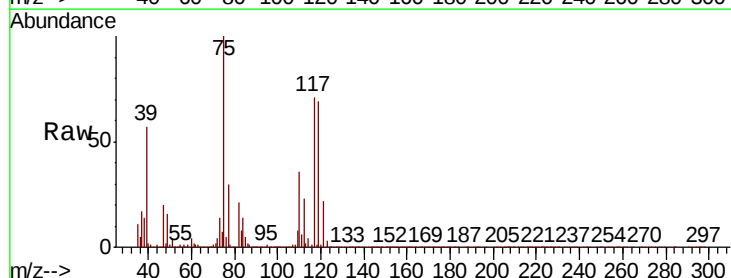
Manual Integrations
 APPROVED

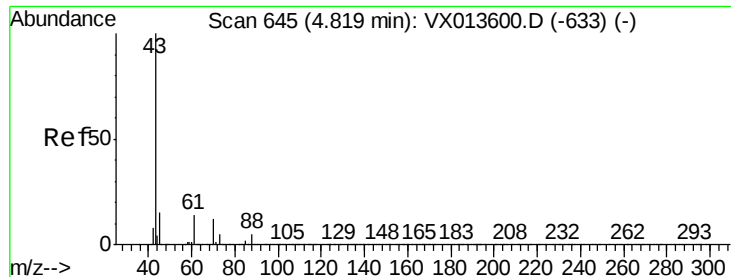
apatel
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#36
 1,1-Dichloropropene
 Concen: 49.465 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	456877		
110	36.3	18.1	54.1	
77	30.3	24.5	36.7	





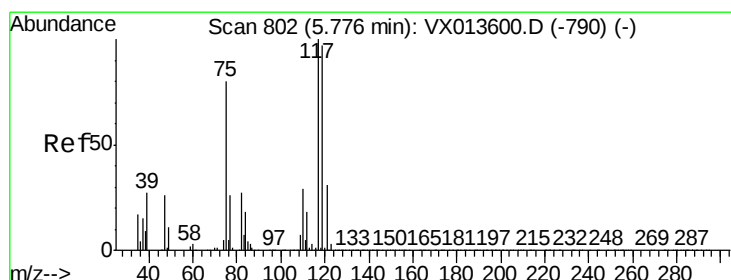
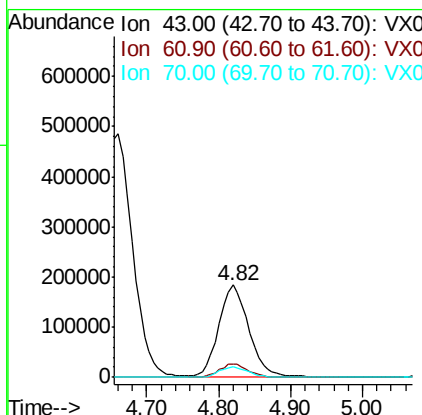
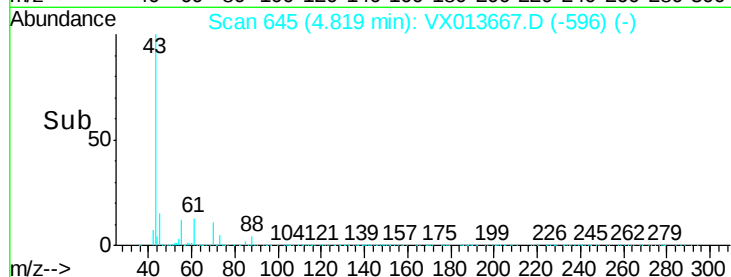
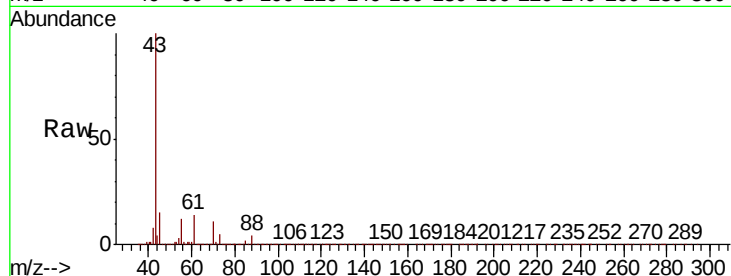
#37
Ethyl Acetate
Concen: 51.053 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	11.0	8.6	12.8

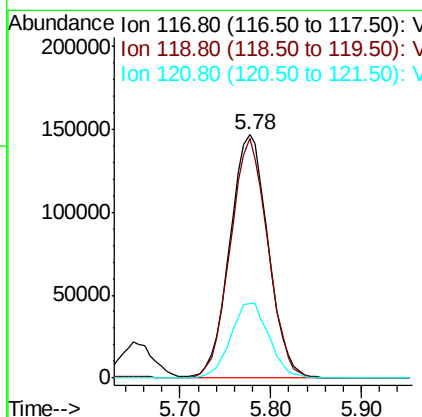
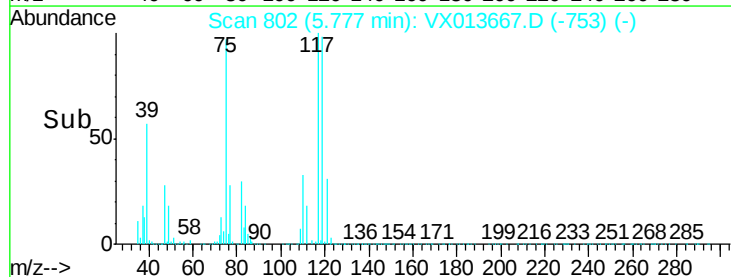
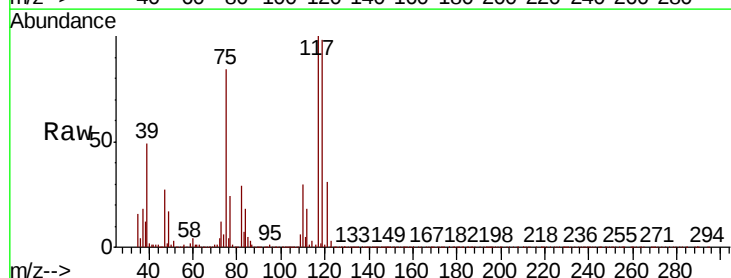
Manual Integrations
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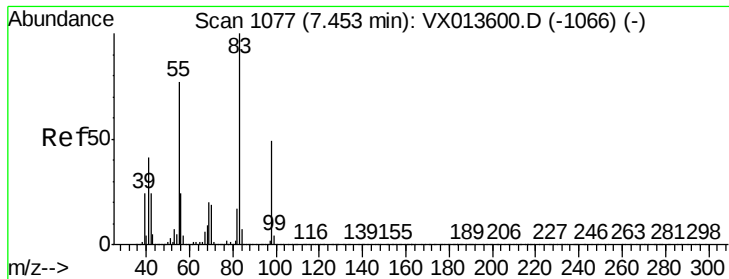
apatel
12/2/2019 3:18:01 PM



#38
Carbon Tetrachloride
Concen: 50.273 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.5	116.3
121	30.6	25.0	37.6





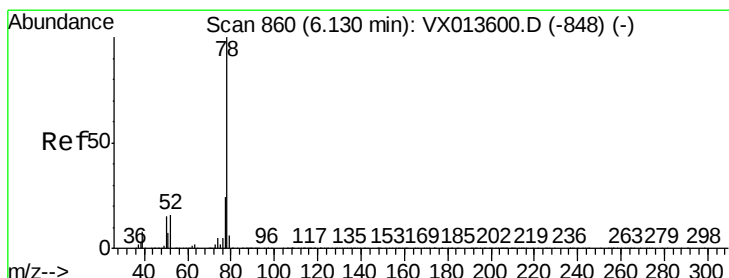
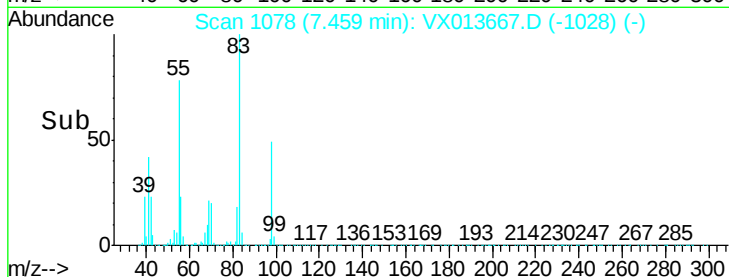
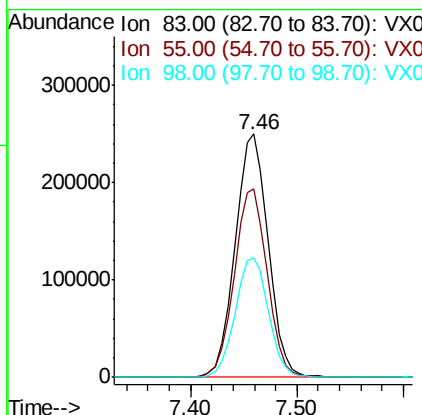
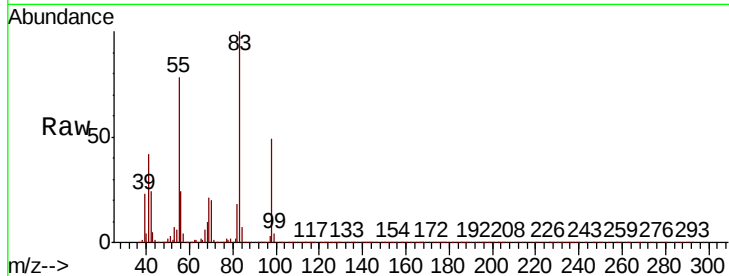
#39
Methvlcvclohexane
Concen: 47.638 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.9	92.9
98	48.7	39.4	59.0

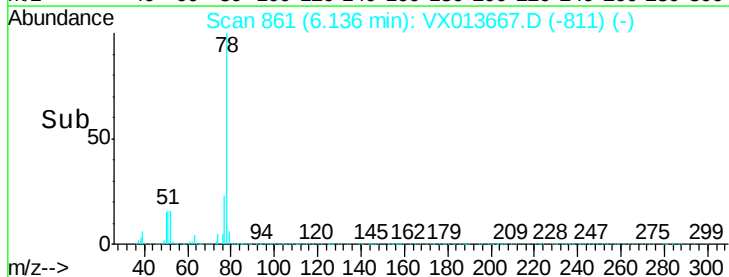
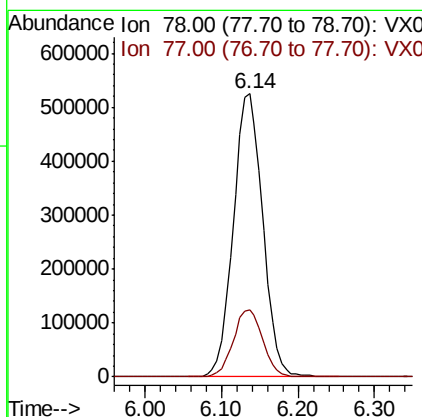
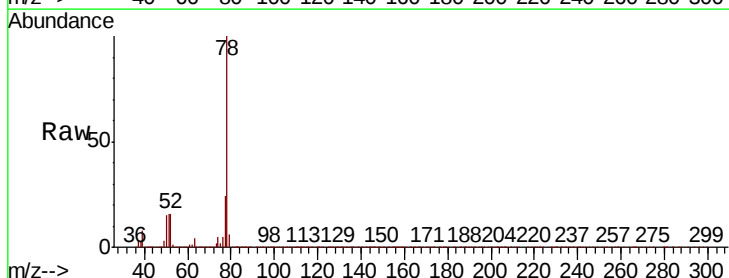
Manual Integrations
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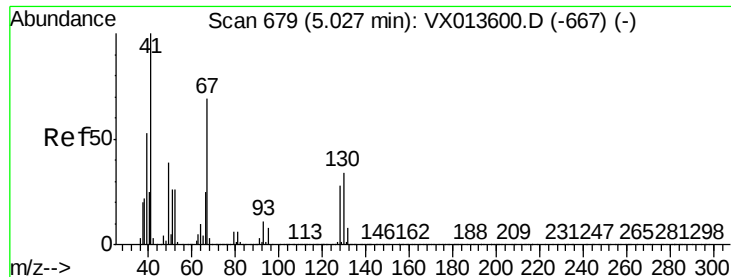
apatel
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#40
Benzene
Concen: 49.504 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





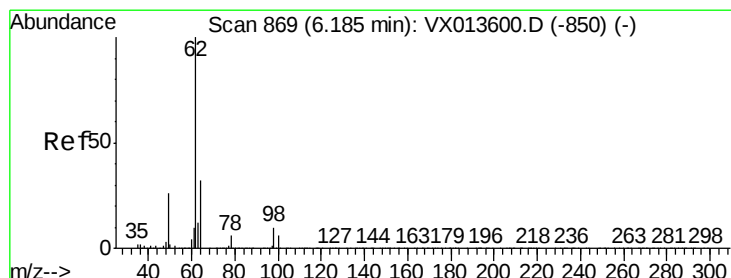
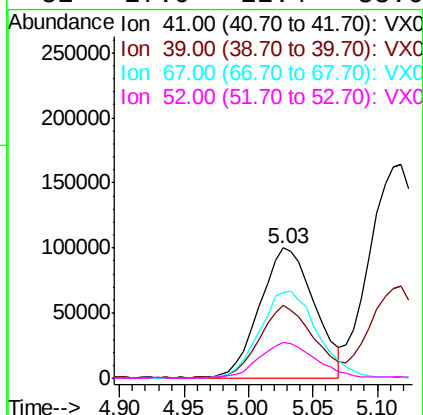
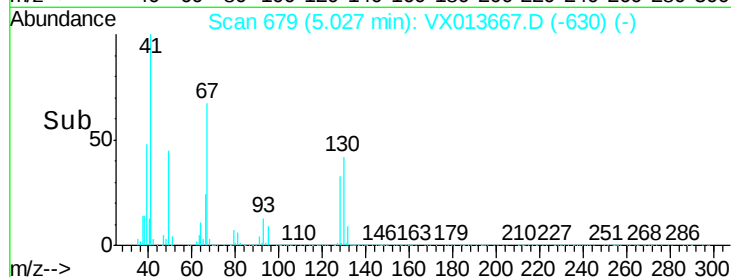
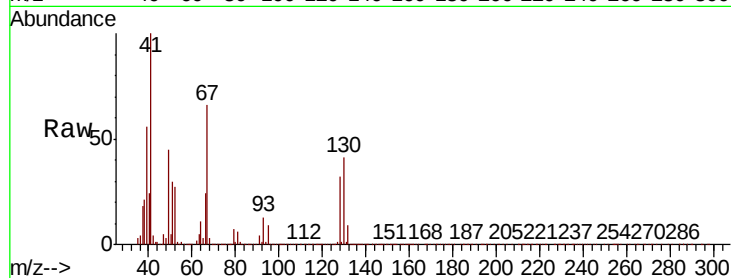
#41
Methacrylonitrile
Concen: 51.681 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
293684	41	100		
	39	55.7	42.9	64.3
	67	70.7	57.4	86.0
	52	27.9	22.4	33.6

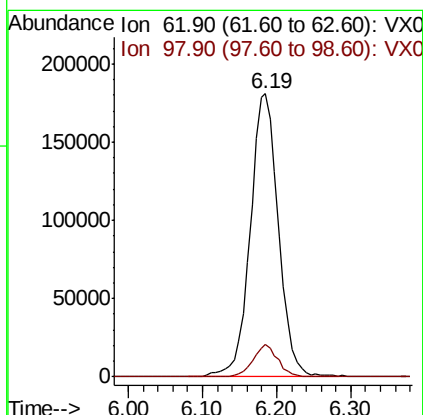
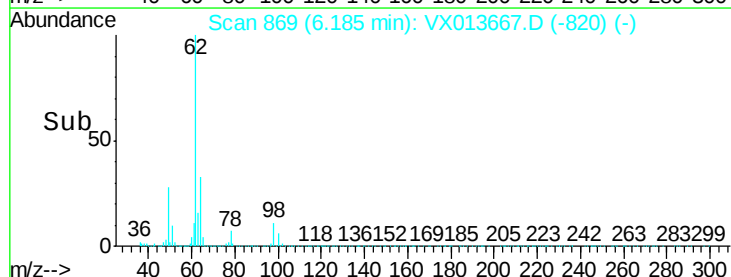
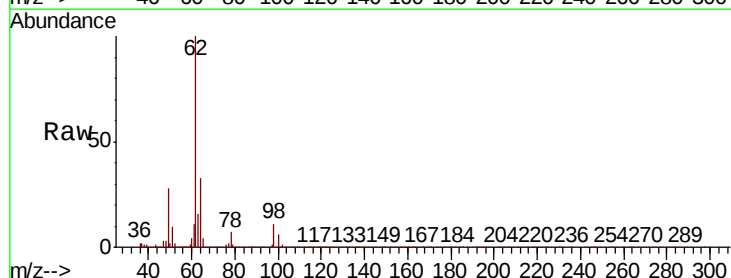
Manual Integrations
APPROVED

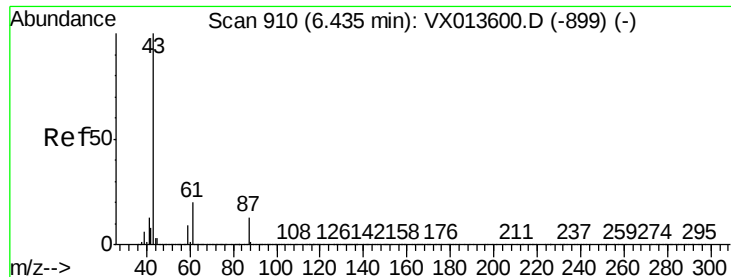
apatel
12/2/2019 3:18:01 PM



#42
1,2-Dichloroethane
Concen: 49.970 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ion	Ratio	Lower	Upper
479405	62	100		
	98	10.0	0.0	20.8





#43

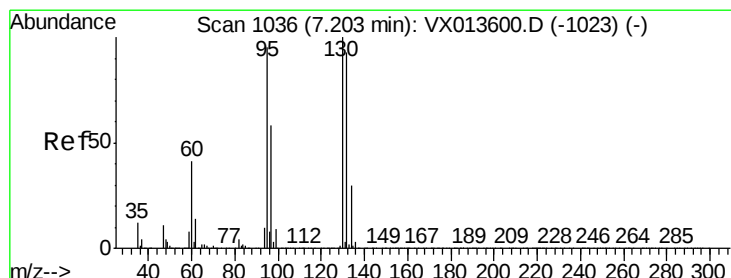
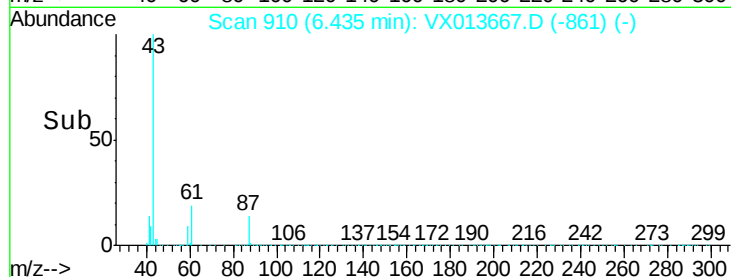
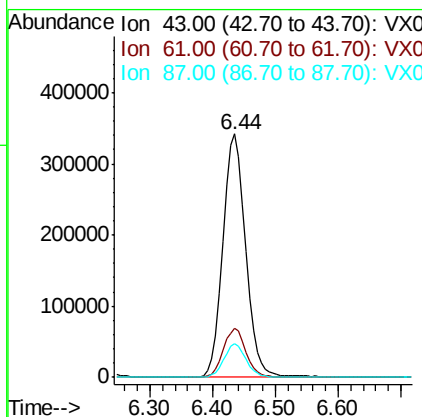
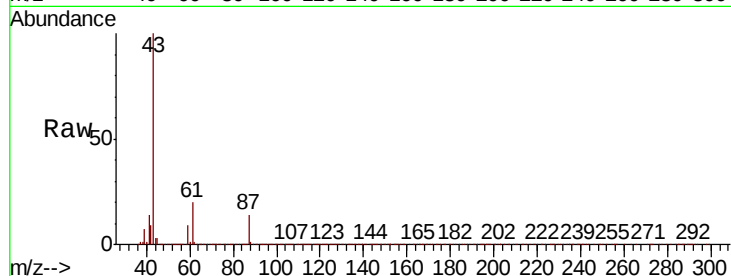
Isopropyl Acetate
 Concen: 50.269 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.3	24.5
87	13.4	10.8	16.2

Manual Integrations
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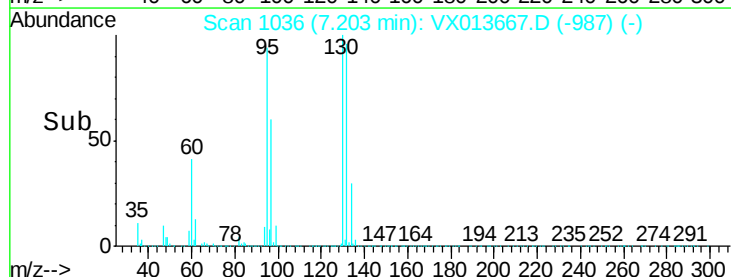
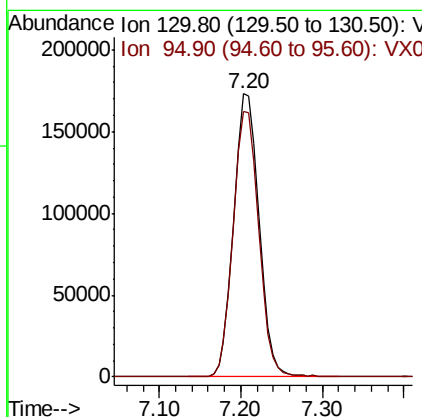
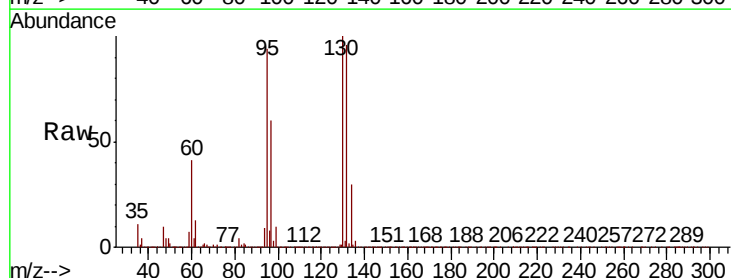
apatel
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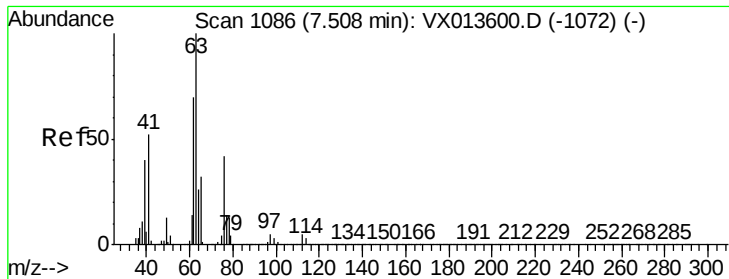


#44

Trichloroethene
 Concen: 48.008 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	190.8





#45

1,2-Dichloropropane

Concen: 50.809 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 357610

Ion Ratio Lower Upper

63 100

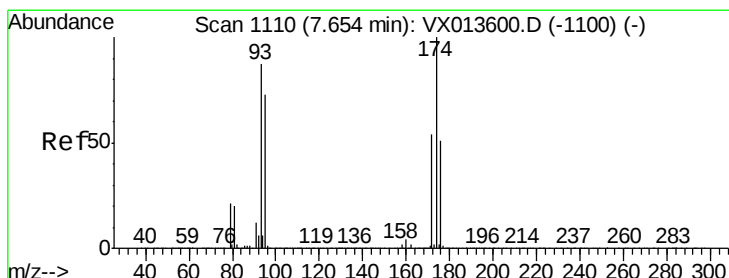
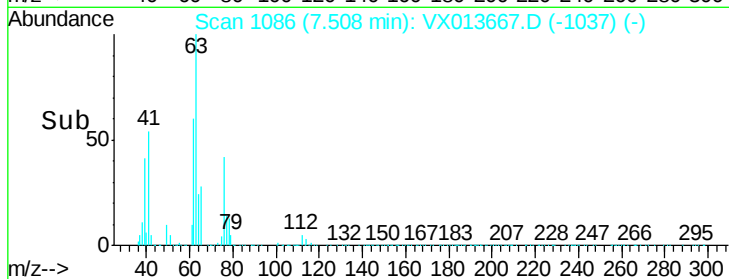
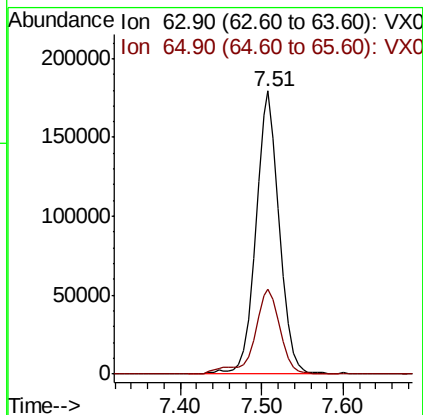
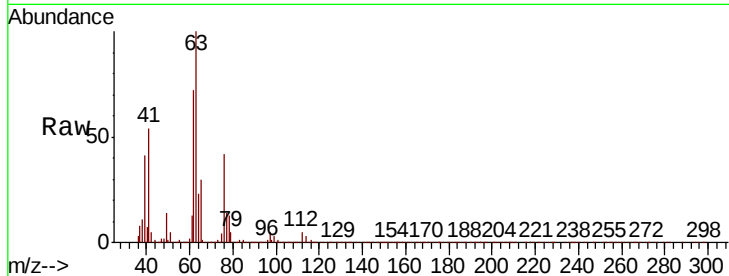
65 29.7 25.5 38.3

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12/2/2019 3:18:01 PM



#46

Dibromomethane

Concen: 48.927 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

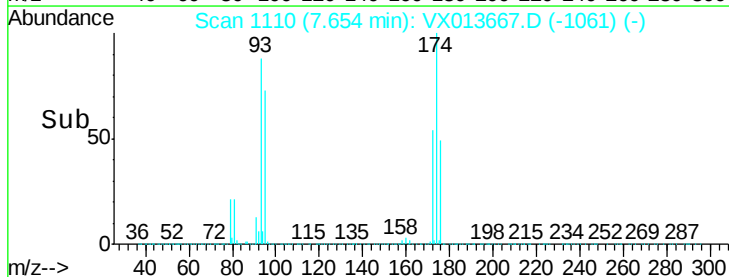
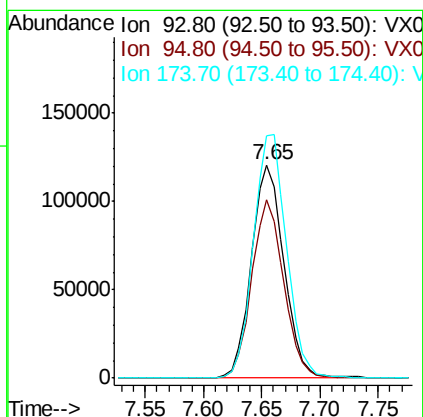
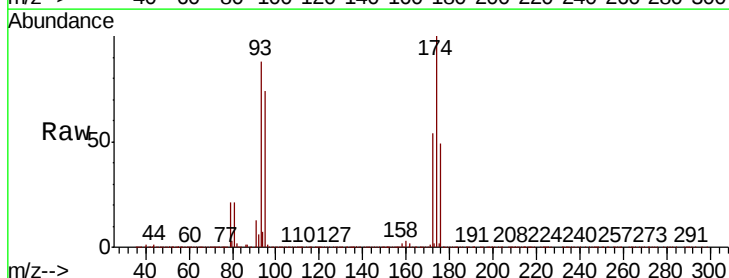
Tgt Ion: 93 Resp: 233881

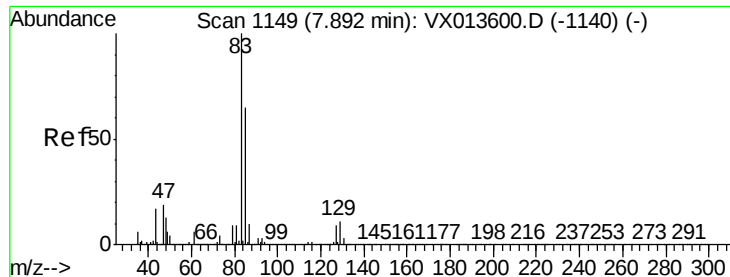
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.2

174 117.2 93.4 140.0





#47

Bromodichloromethane

Concen: 51.267 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

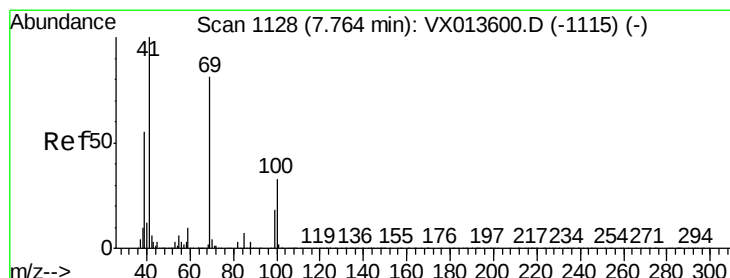
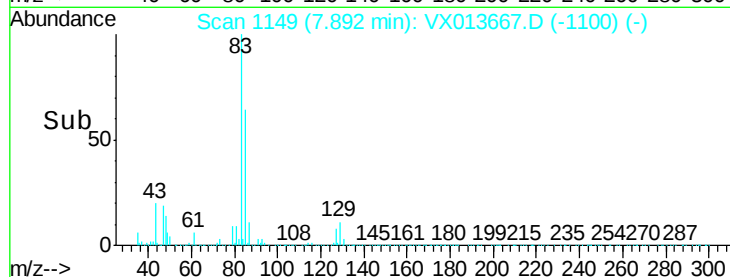
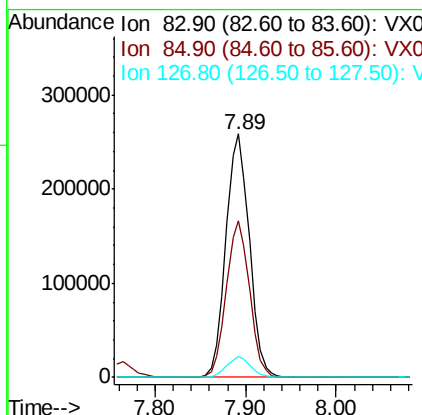
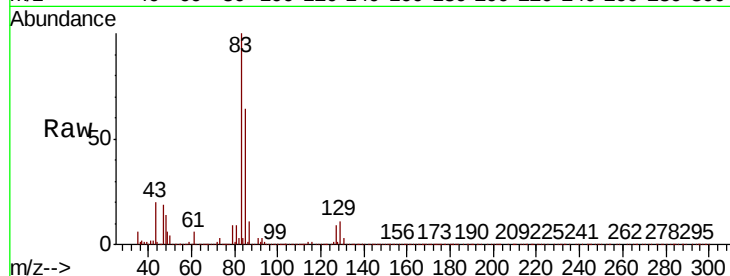
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	463295
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.1	78.1
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 51.409 ug/l

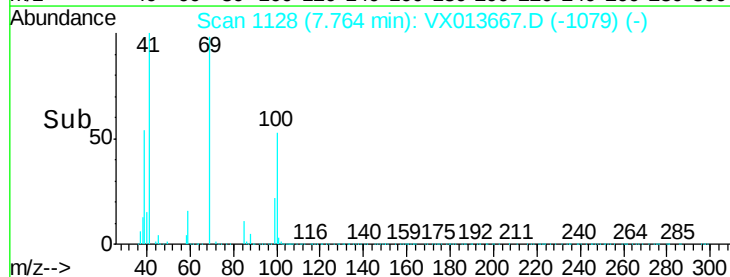
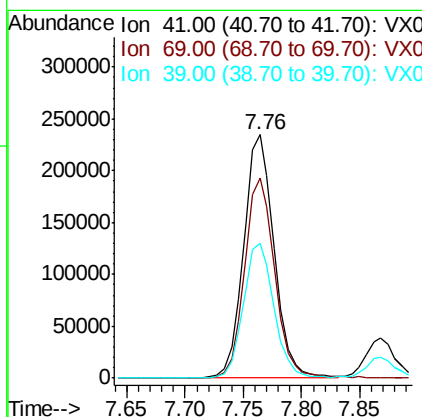
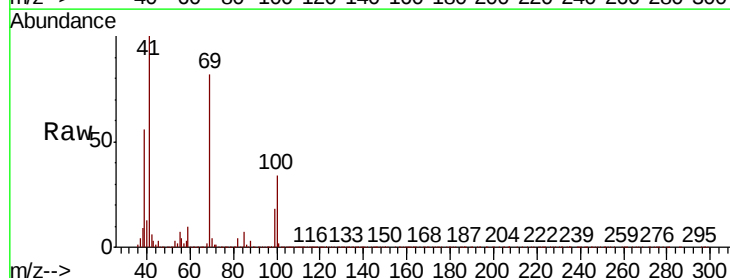
RT: 7.76 min Scan# 1128

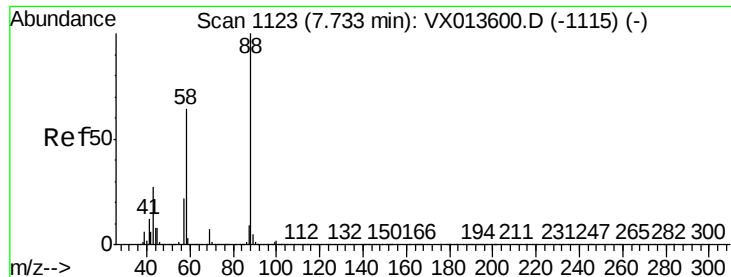
Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion:	41	Resp:	426103
Ion Ratio	Lower	Upper	
41	100		
69	82.1	64.7	97.1
39	56.3	43.8	65.6





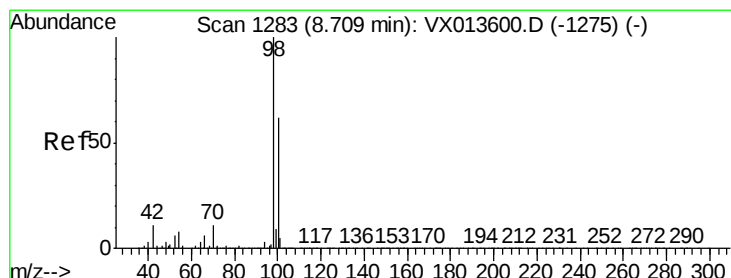
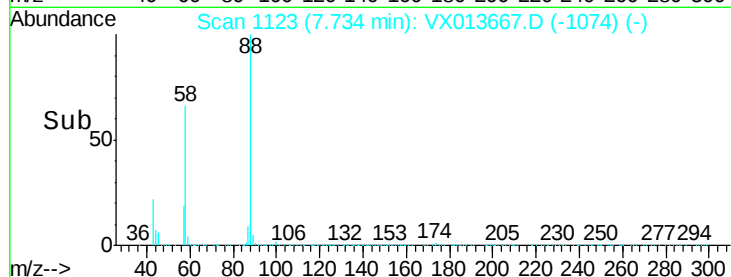
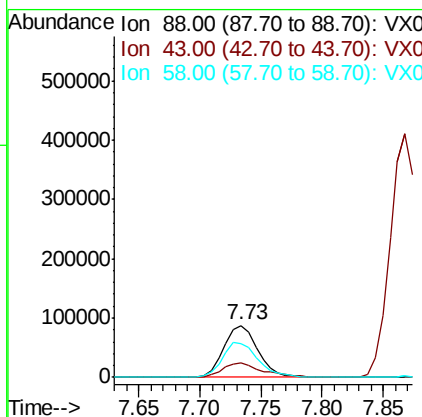
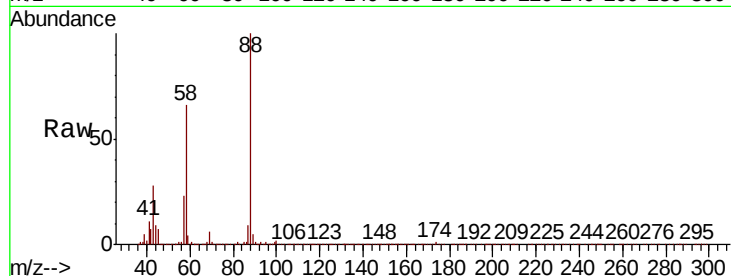
#49
1,4-Dioxane
Concen: 902.723 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.8	38.6
58	70.9	54.6	82.0

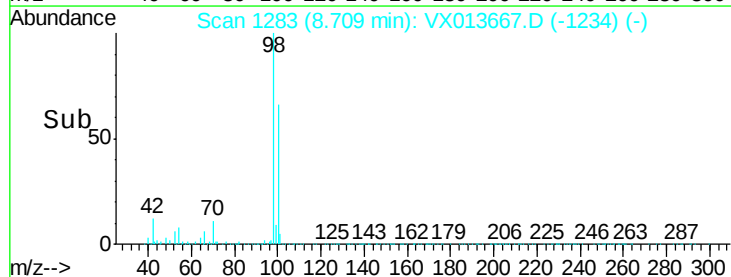
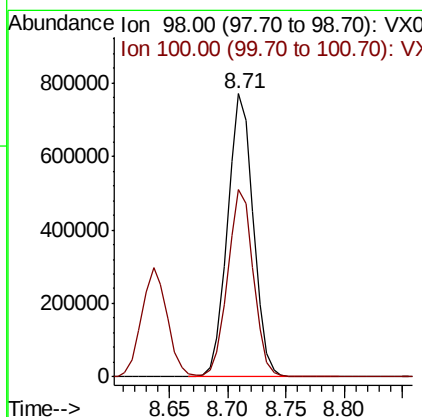
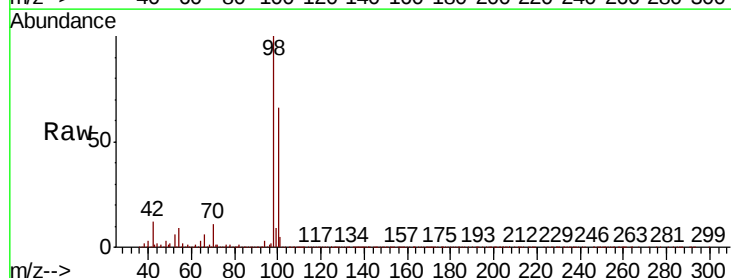
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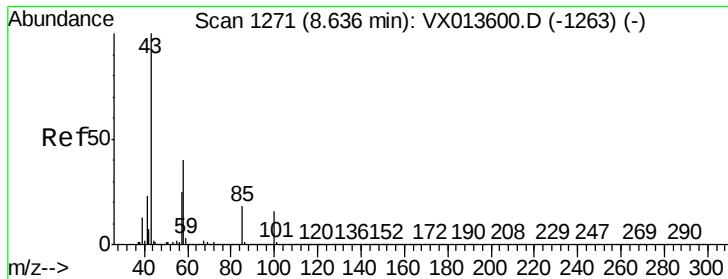
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12/2/2019 3:18:01 PM



#50
Toluene-d8
Concen: 48.368 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7





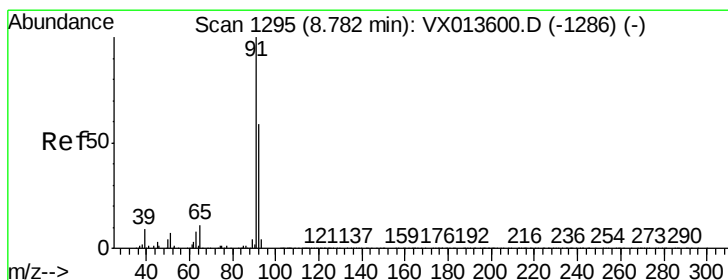
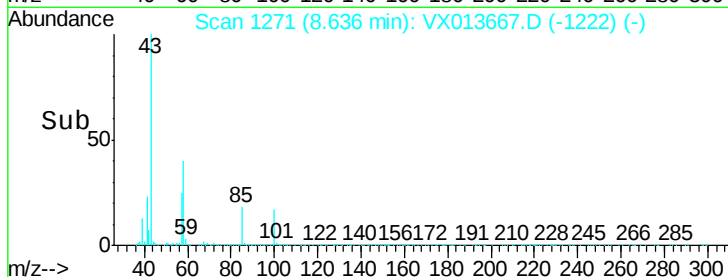
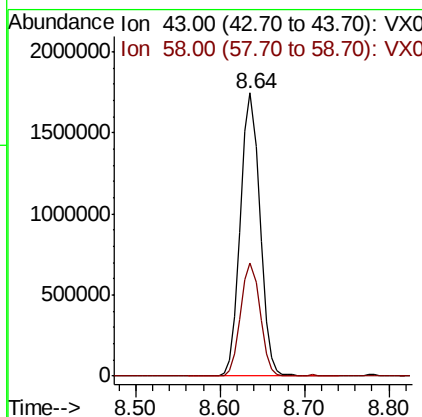
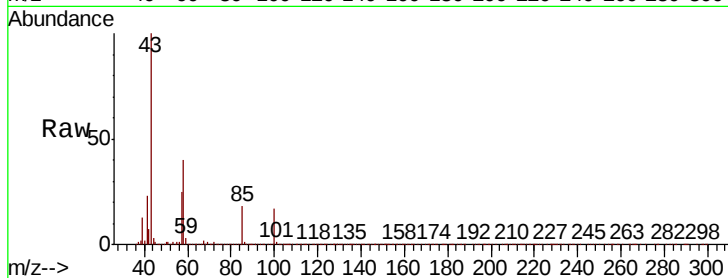
#51
4-Methyl-2-Pentanone
Concen: 253.333 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2718357
Ion Ratio Lower Upper
43 100
58 39.8 32.1 48.1

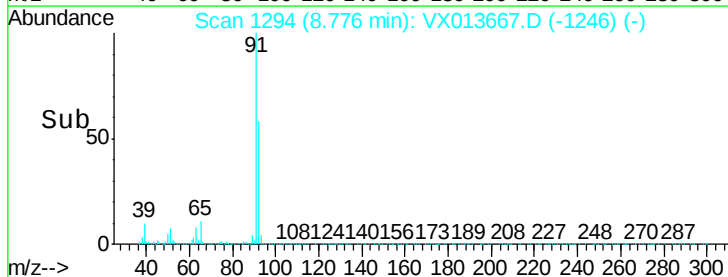
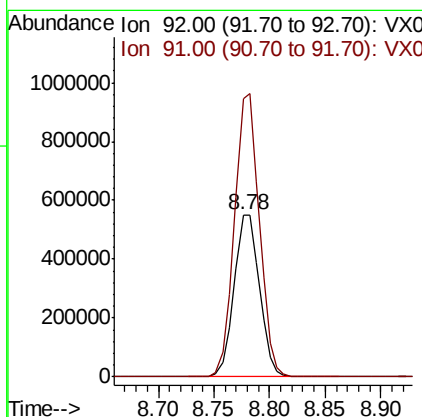
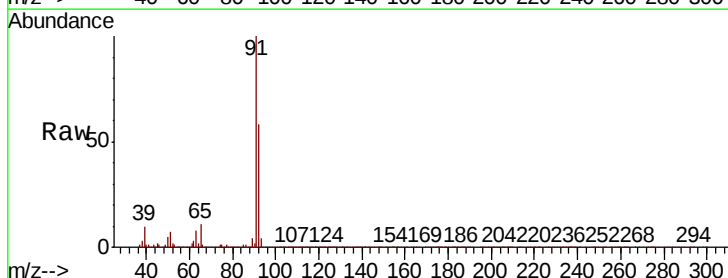
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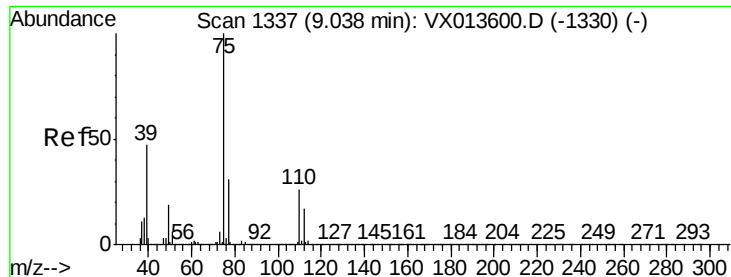
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12/2/2019 3:18:01 PM



#52
Toluene
Concen: 49.694 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 92 Resp: 868457
Ion Ratio Lower Upper
92 100
91 171.8 136.2 204.2





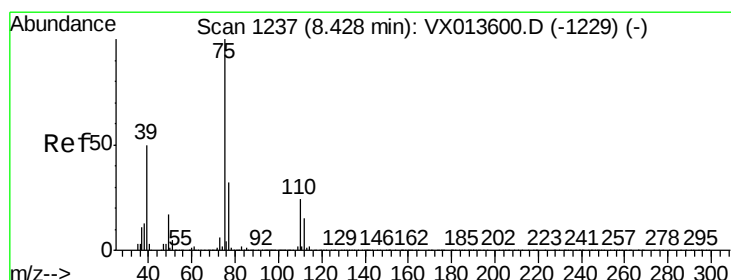
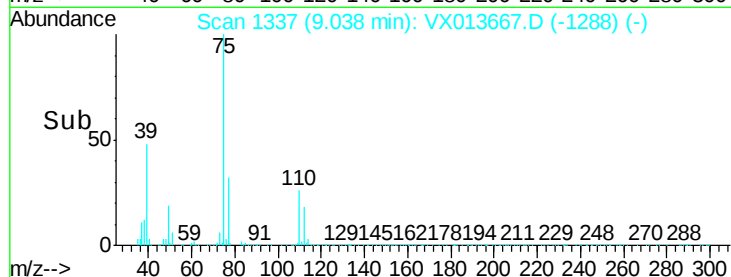
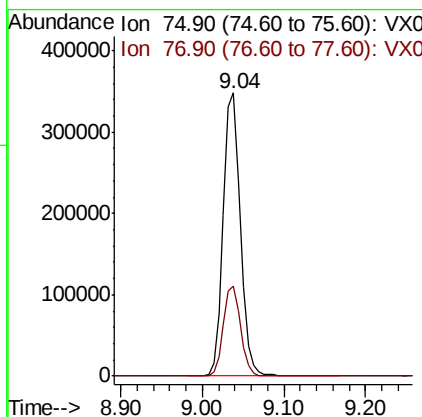
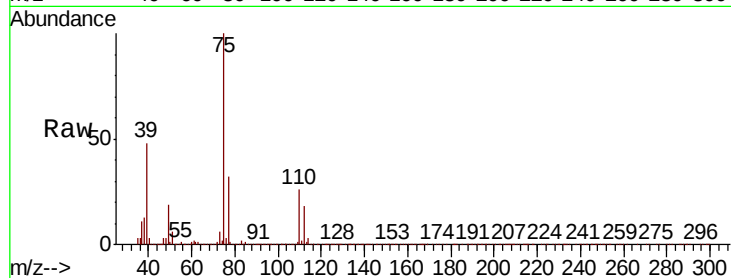
#53
t-1,3-Dichloropropene
Concen: 49.271 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	506810		
77	31.6	24.4	36.6	

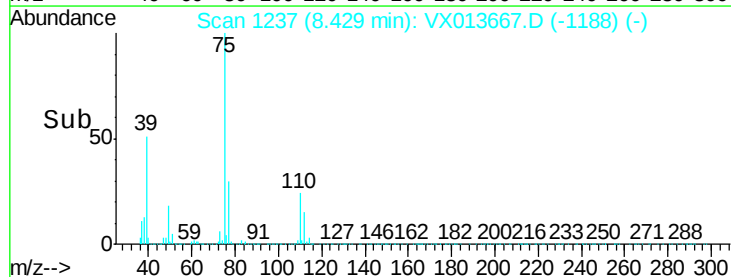
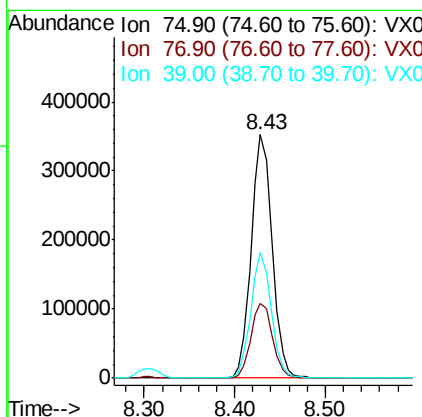
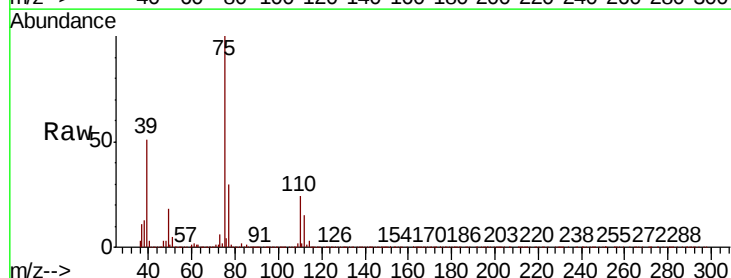
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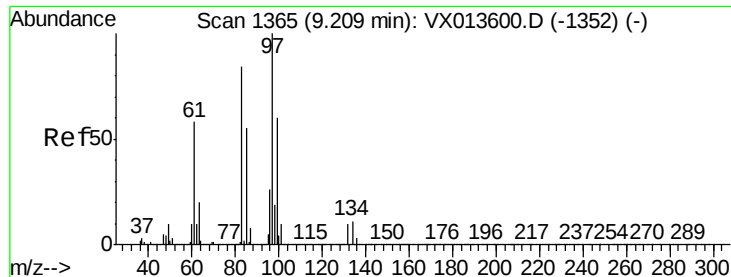
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#54
cis-1,3-Dichloropropene
Concen: 50.258 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	564786		
77	30.3	25.8	38.6	
39	51.2	39.9	59.9	





#55

1,1,2-Trichloroethane

Concen: 50.443 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

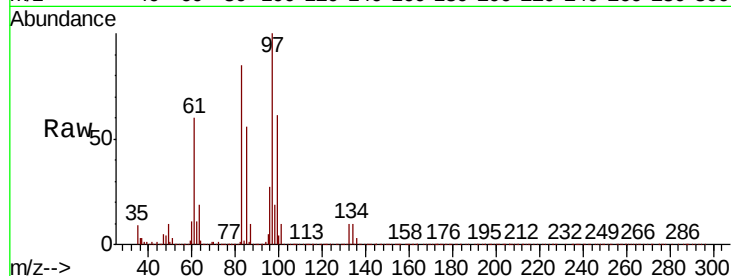
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	355248
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.3	100.9
85	55.5	43.6	65.4
99	61.2	48.2	72.4

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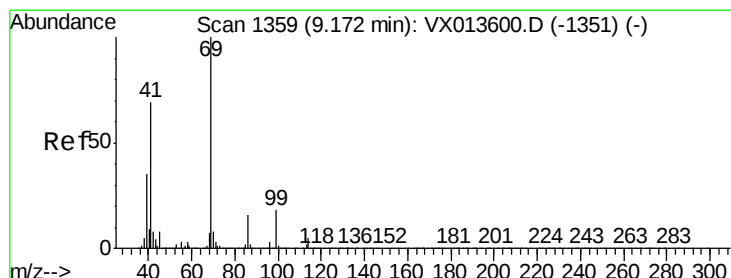
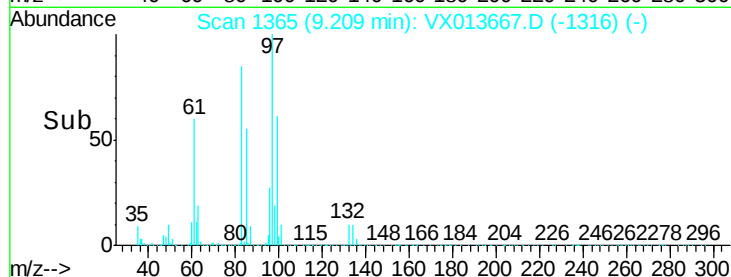
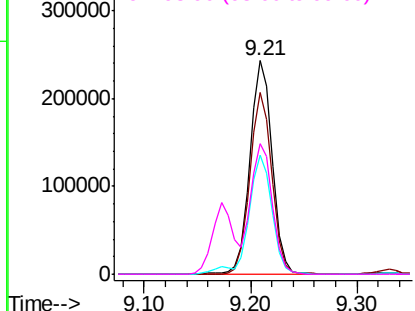
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.432 ug/l

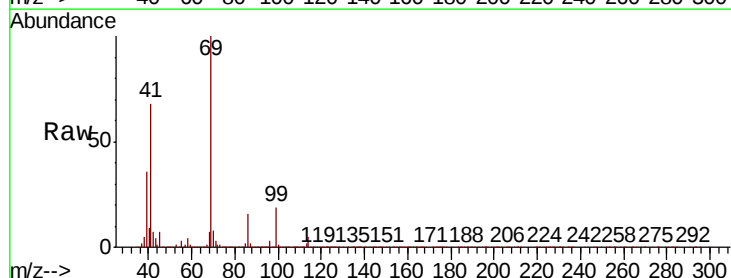
RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion:	69	Resp:	582338
Ion	Ratio	Lower	Upper
69	100		
41	67.2	55.0	82.4
39	35.3	28.7	43.1

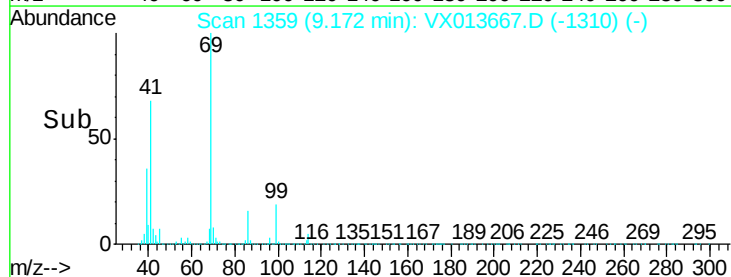
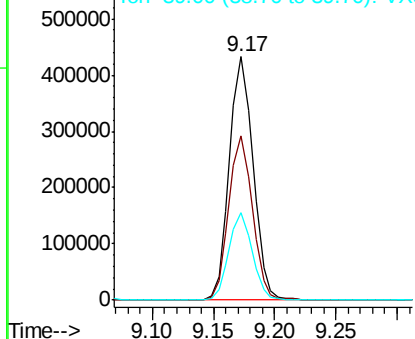


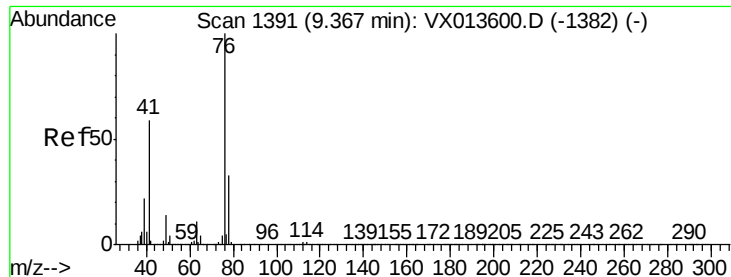
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.693 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 603226

Ion Ratio Lower Upper

76 100

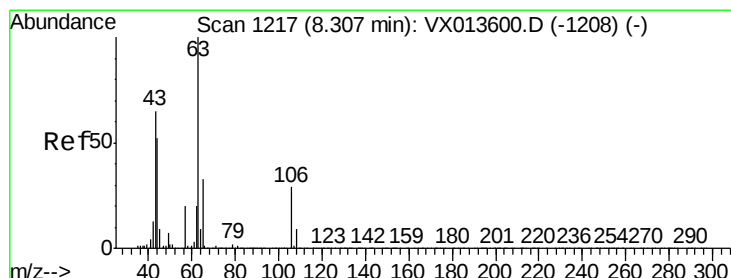
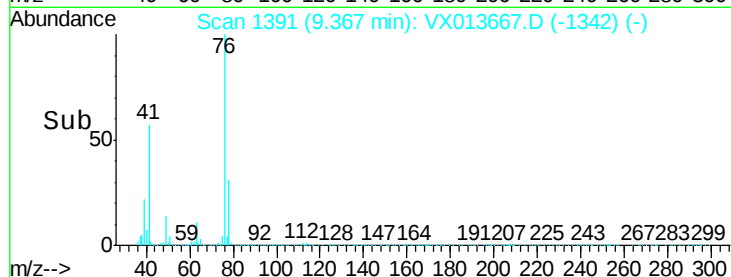
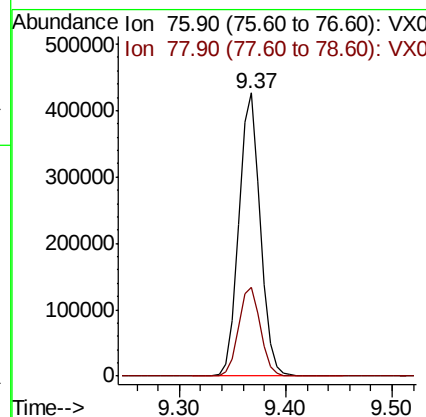
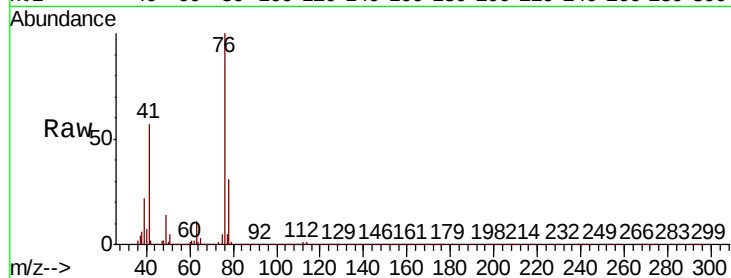
78 32.1 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 249.363 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013667.D

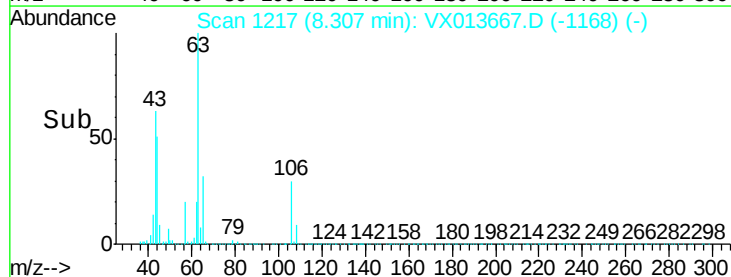
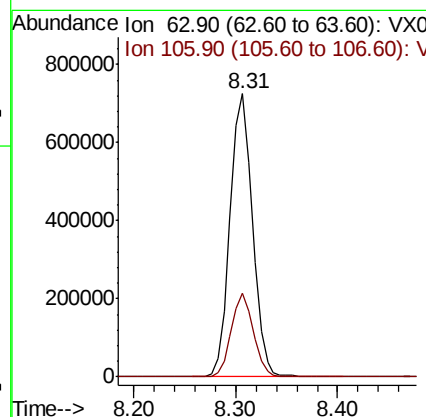
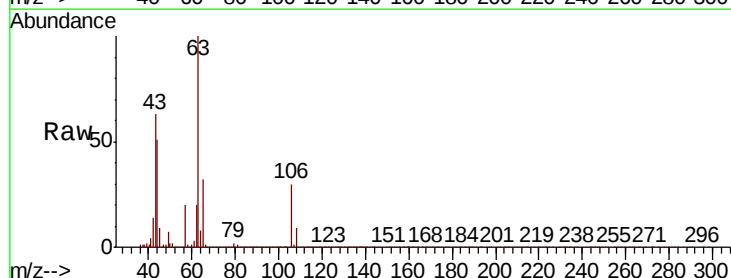
Acq: 27 Nov 2019 21:41

Tgt Ion: 63 Resp: 1106995

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0





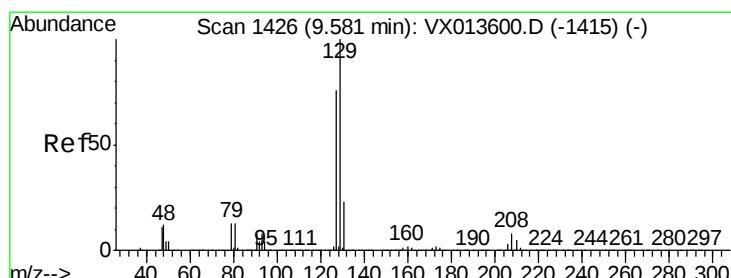
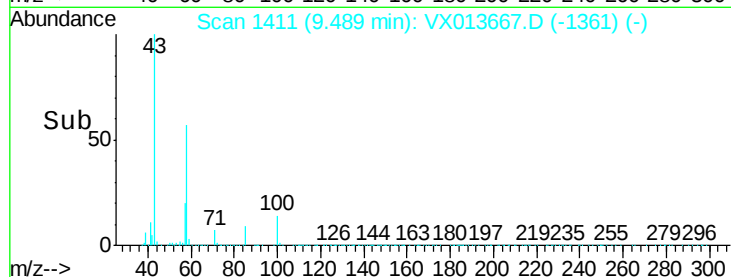
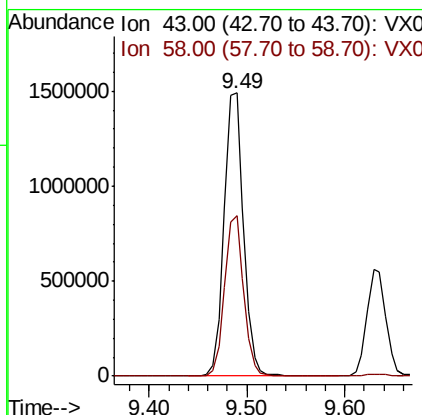
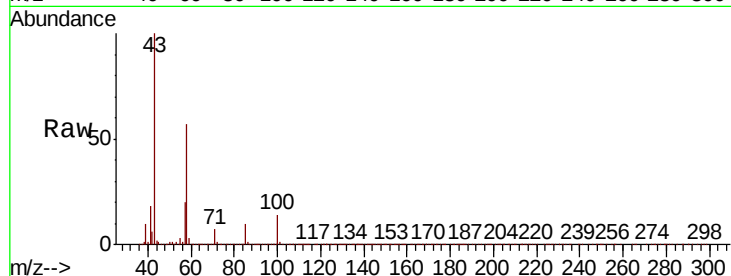
#59
2-Hexanone
Concen: 245.926 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2058129
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.4

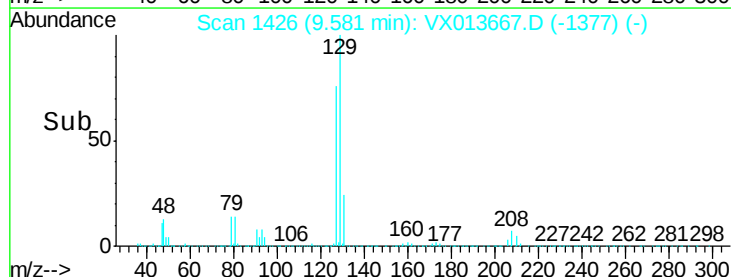
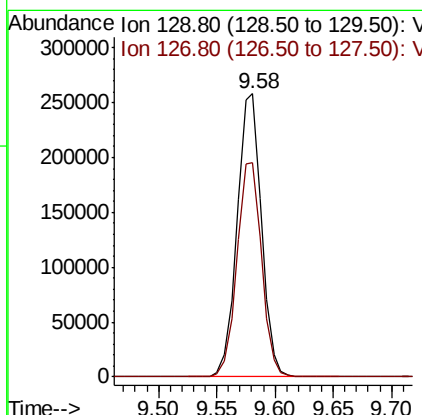
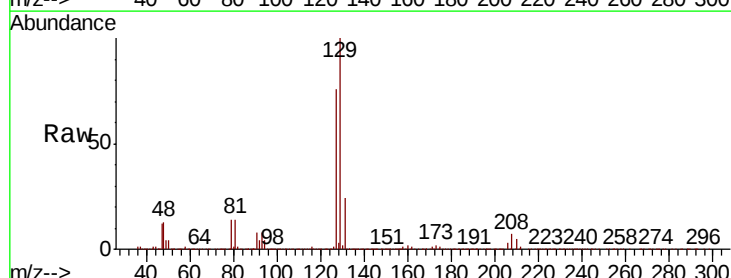
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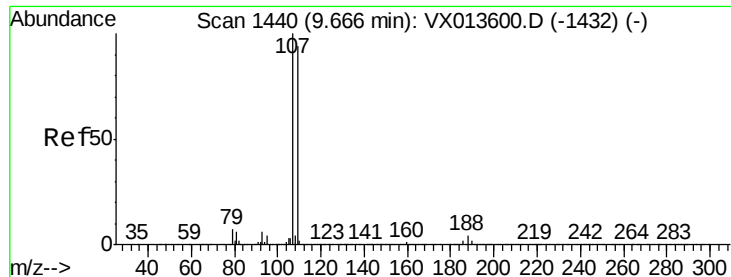
apatel
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#60
Dibromochloromethane
Concen: 51.431 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 129 Resp: 375889
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.542 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 372643

Ion Ratio Lower Upper

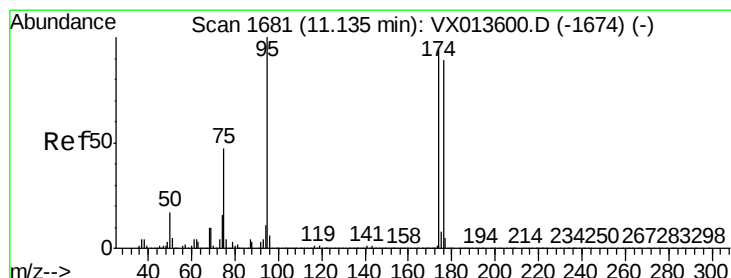
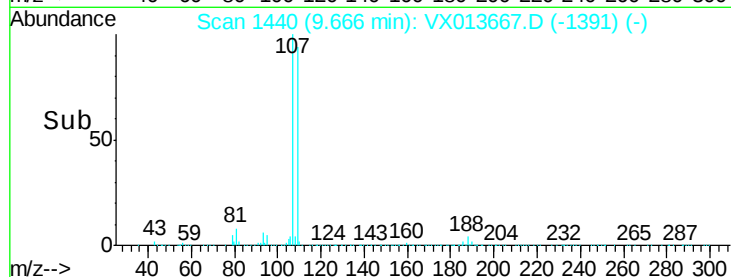
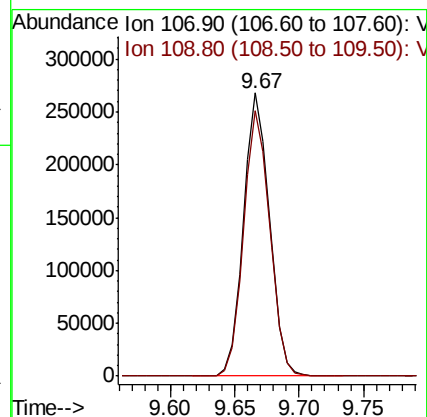
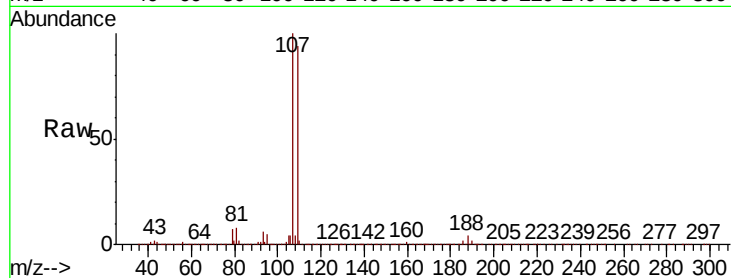
107 100

109 94.9 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 48.281 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

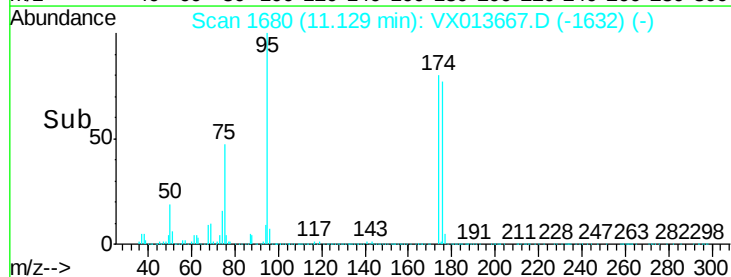
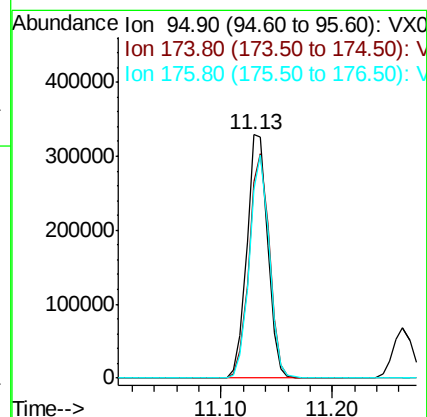
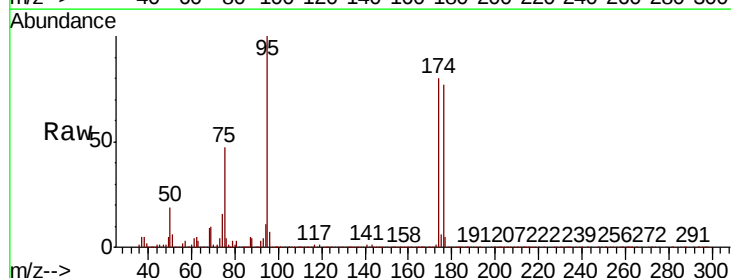
Tgt Ion: 95 Resp: 426687

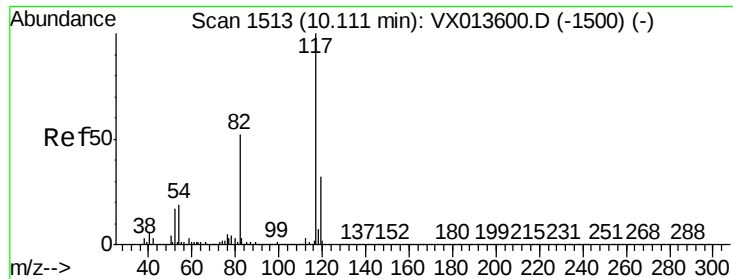
Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

176 87.1 0.0 173.6





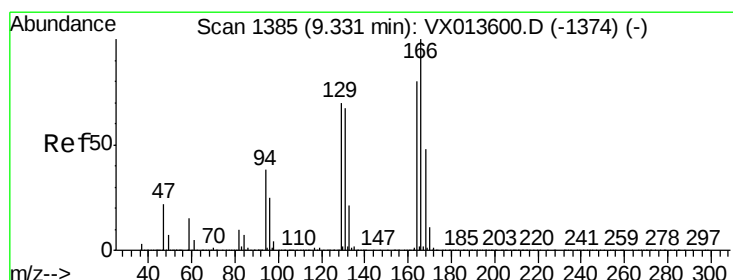
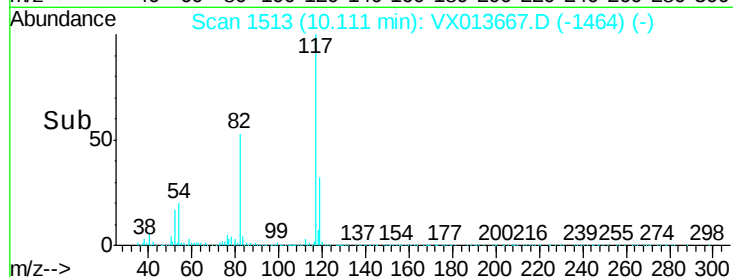
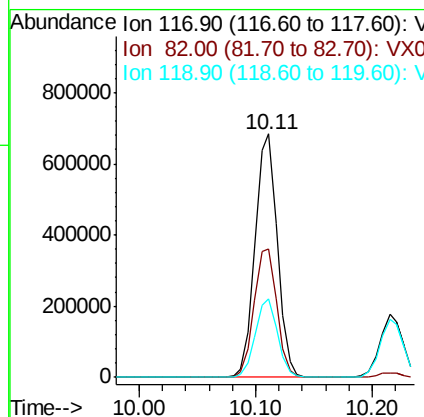
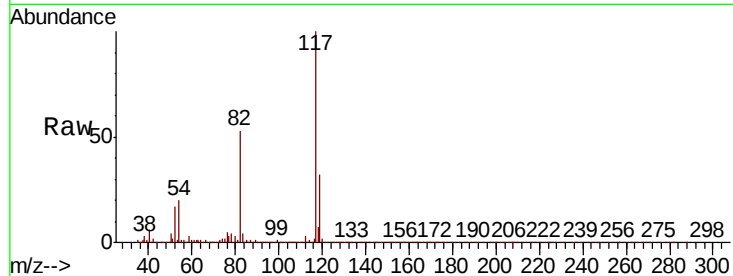
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.8
119	32.5	25.8	38.8

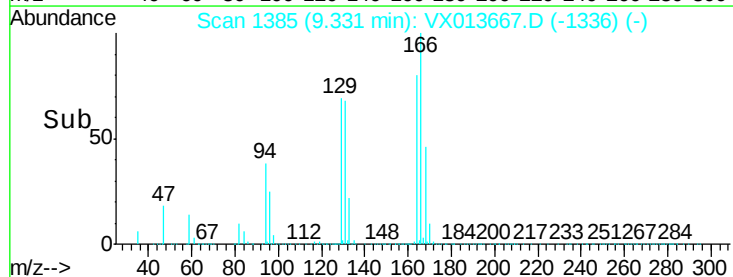
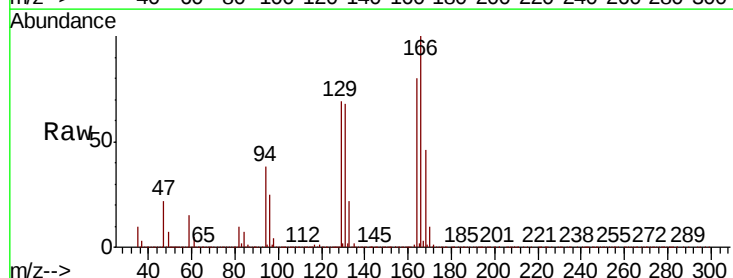
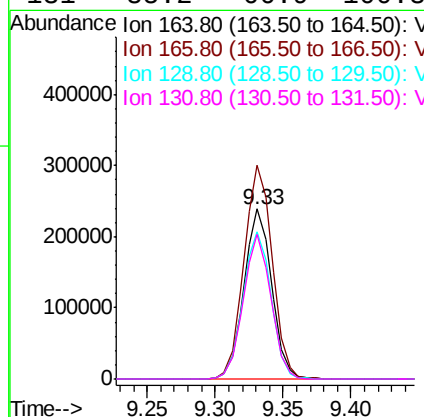
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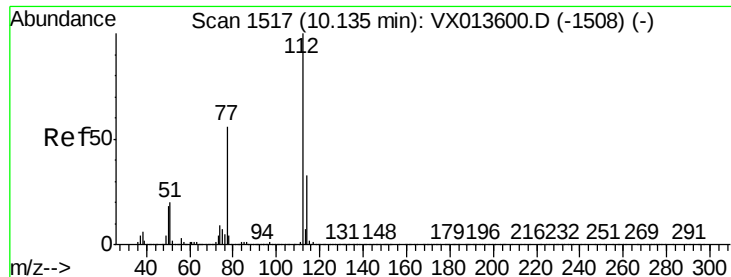
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#64
Tetrachloroethene
Concen: 49.819 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	99.7	149.5
129	86.5	70.1	105.1
131	85.2	66.9	100.3





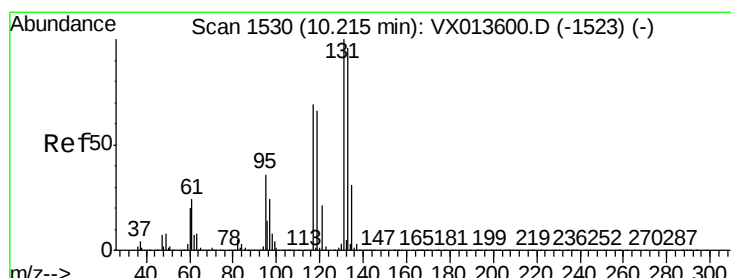
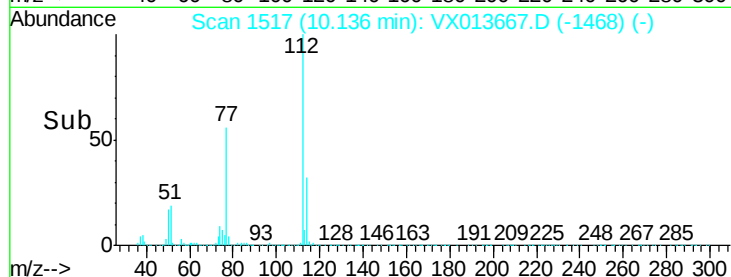
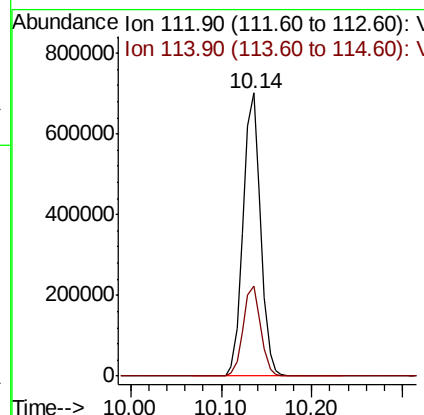
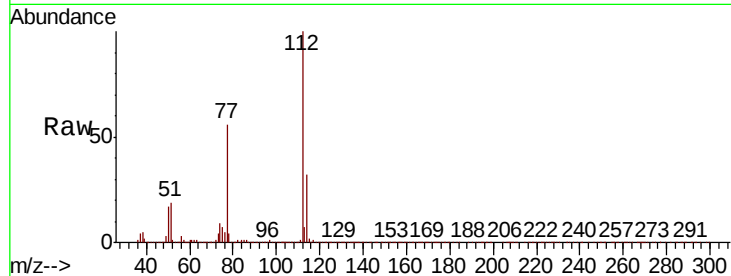
#65
Chlorobenzene
Concen: 49.245 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.1	39.1

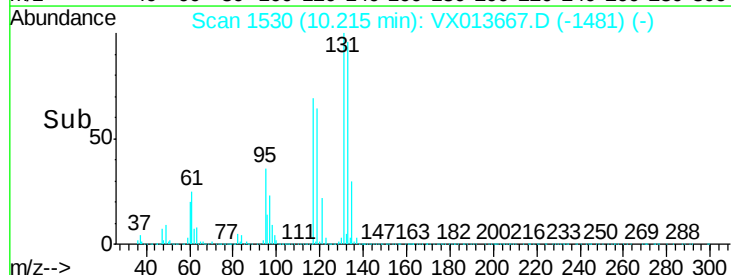
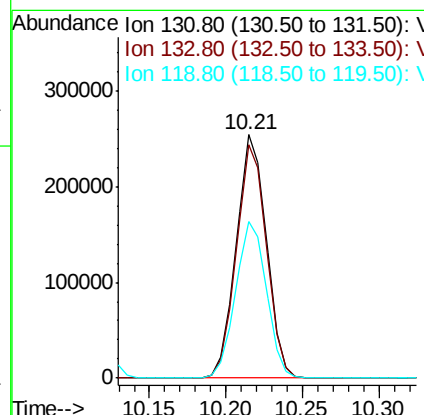
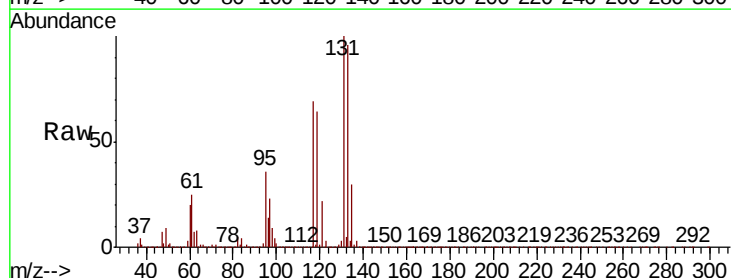
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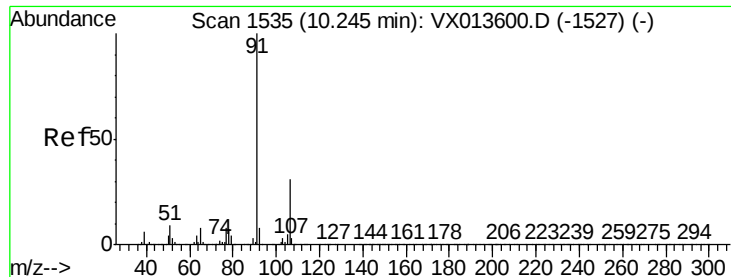
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.984 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.7	143.1
119	65.5	32.9	98.6





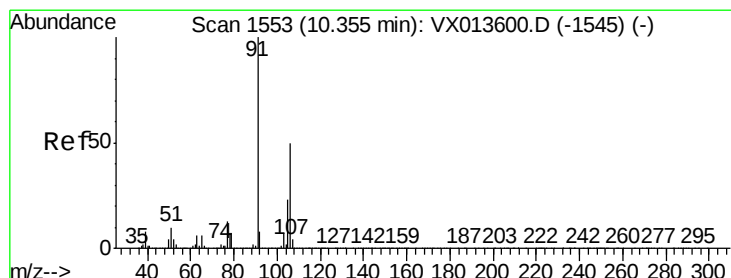
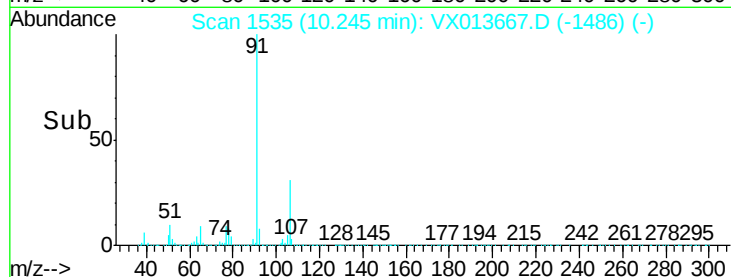
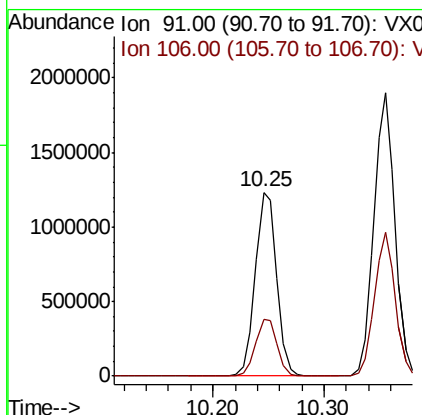
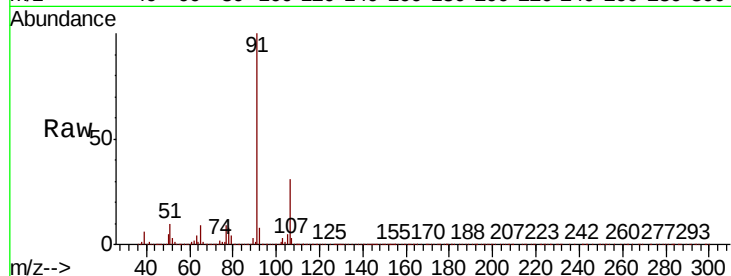
#67
Ethyl Benzene
Concen: 50.454 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1649013
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7

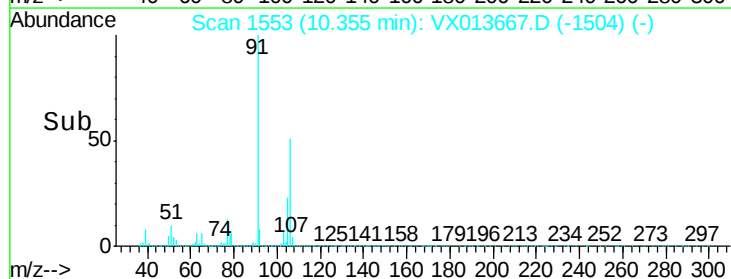
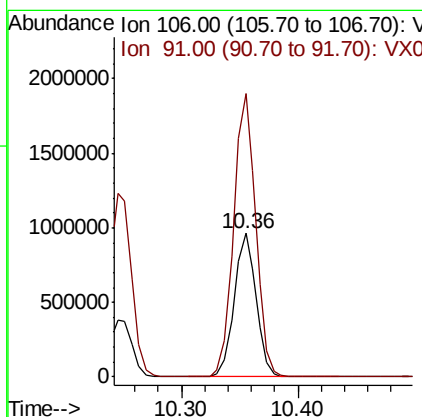
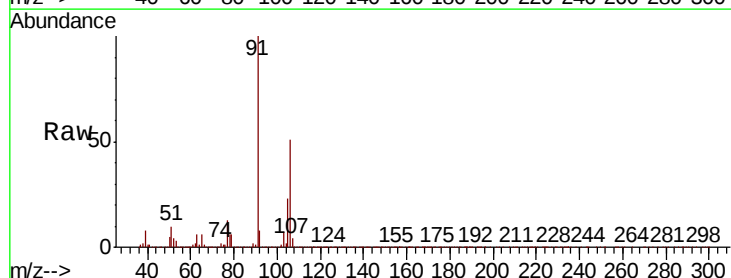
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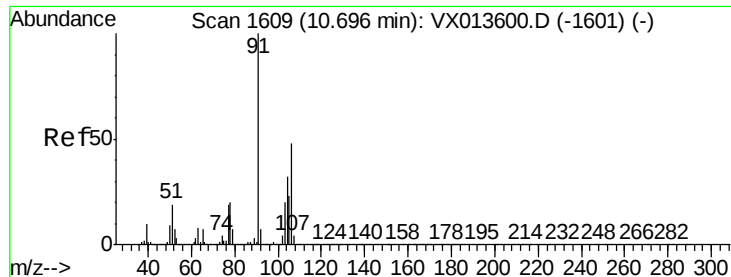
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#68
m/p-Xylenes
Concen: 100.638 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 106 Resp: 1259284
Ion Ratio Lower Upper
106 100
91 198.7 159.0 238.4





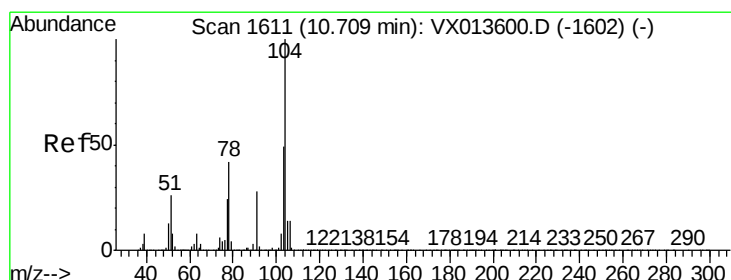
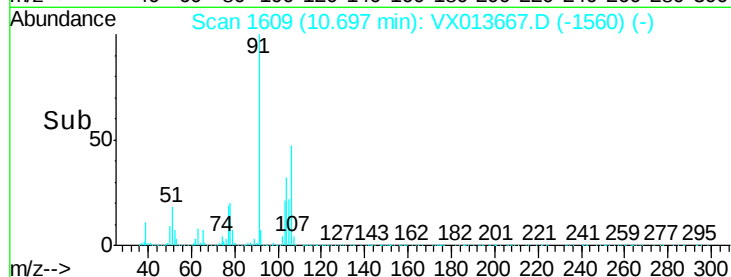
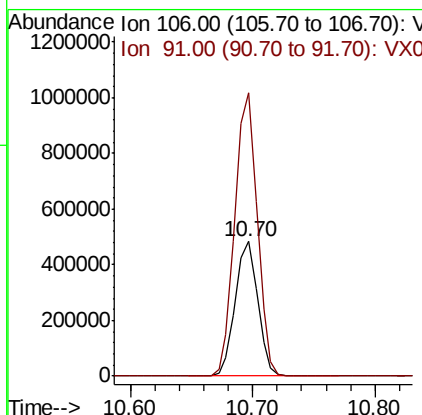
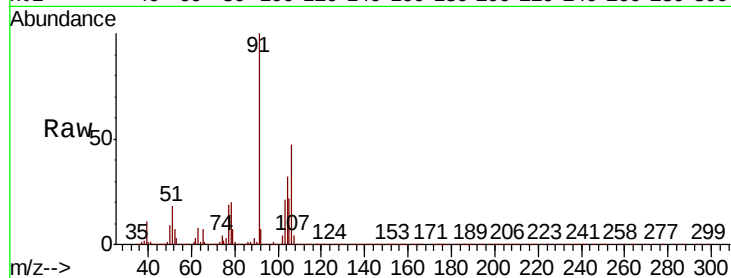
#69
o-Xylene
Concen: 50.380 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 614833
Ion Ratio Lower Upper
106 100
91 209.2 104.1 312.2

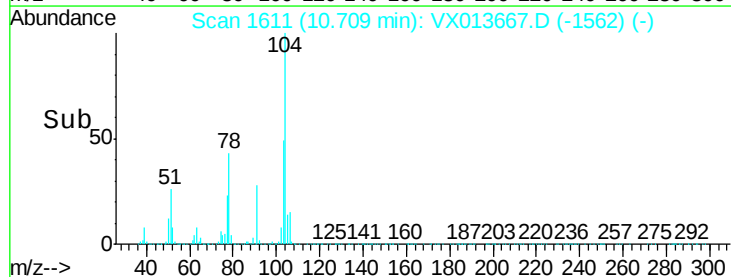
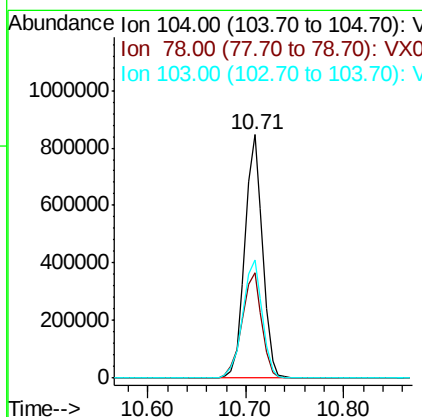
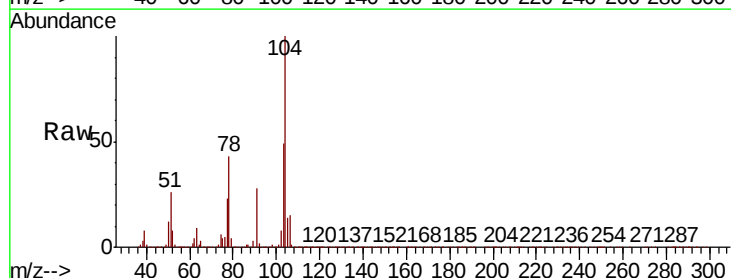
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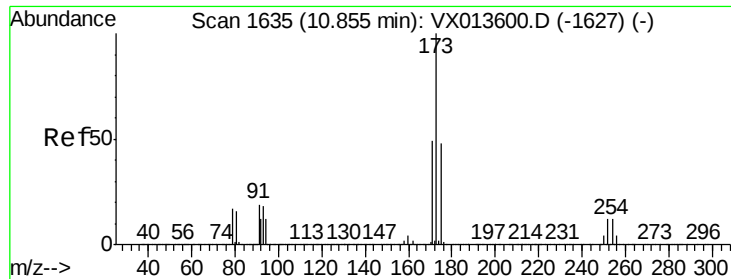
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#70
Styrene
Concen: 51.531 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion:104 Resp: 1057888
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 53.9 43.7 65.5





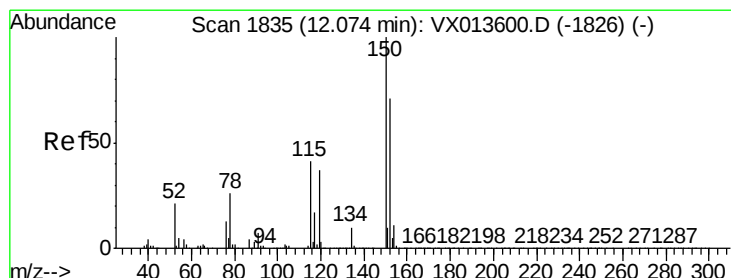
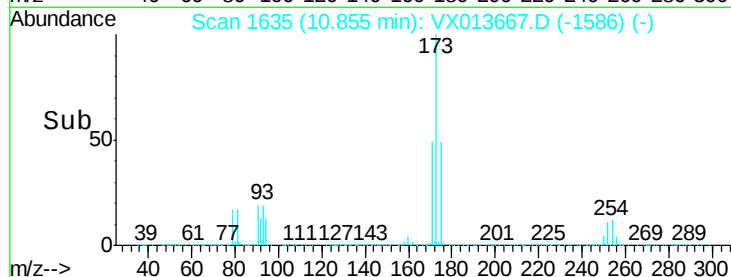
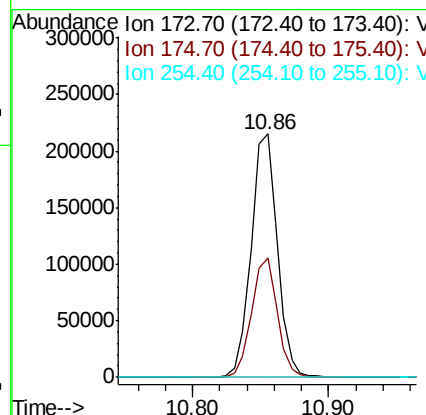
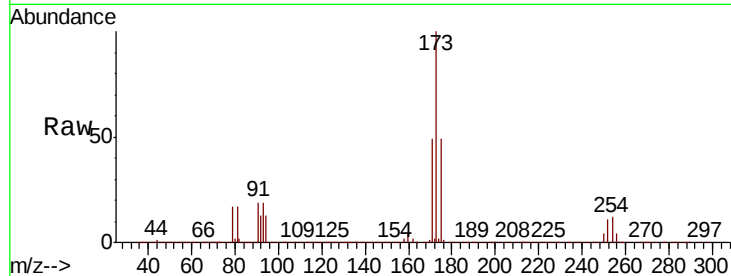
#71
Bromoform
Concen: 51.700 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.3	72.8
254	0.2	0.2	0.4

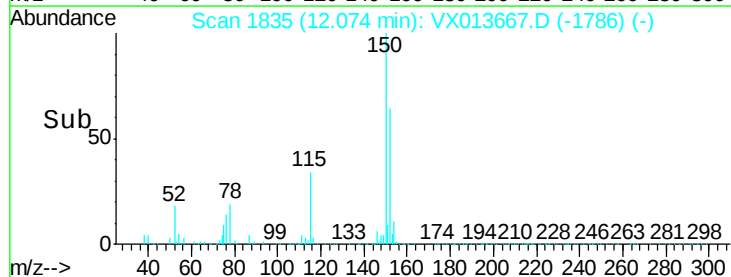
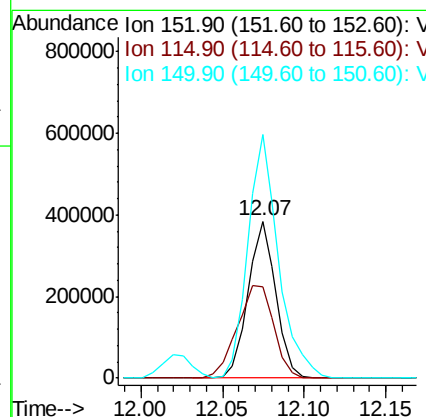
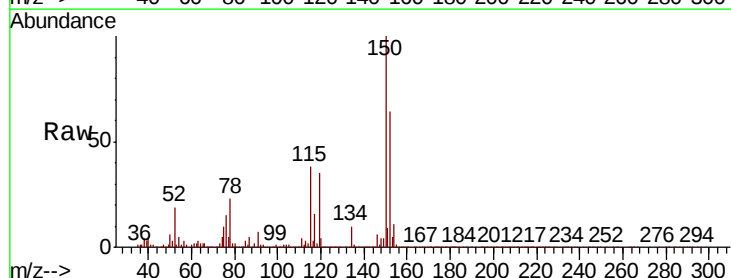
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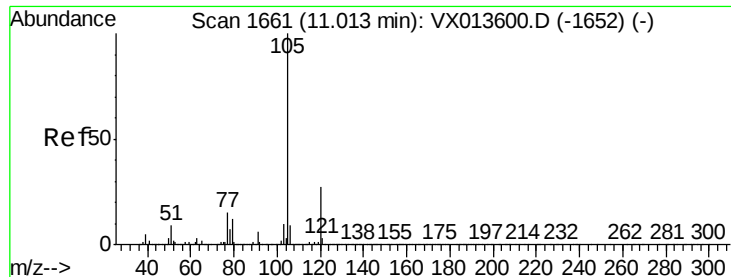
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.5	38.4	115.1
150	171.8	0.0	346.8





#73

Isopropylbenzene

Concen: 50.563 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1607095

Ion Ratio Lower Upper

105 100

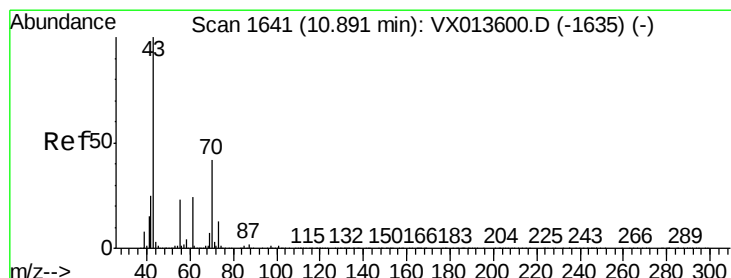
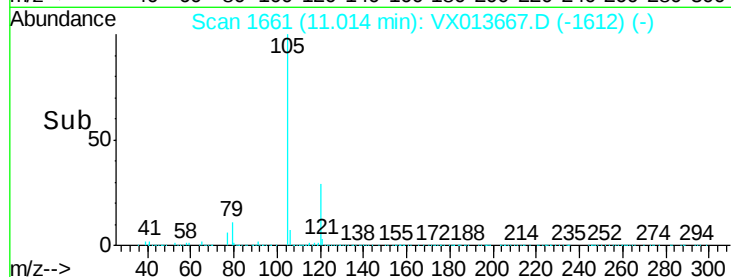
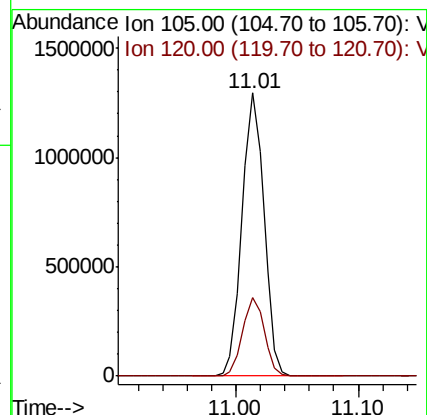
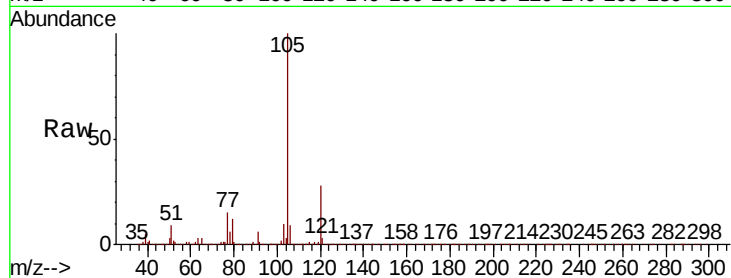
120 27.5 13.5 40.5

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#74

N-ethyl acetate

Concen: 52.214 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion: 43 Resp: 760228

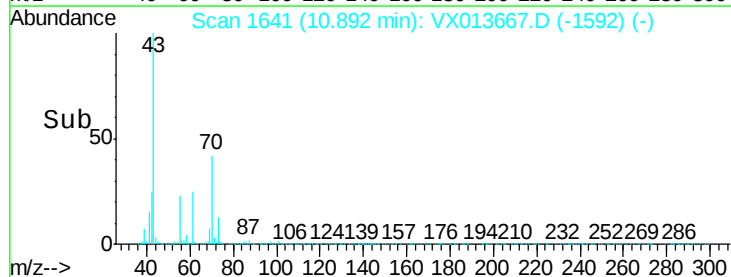
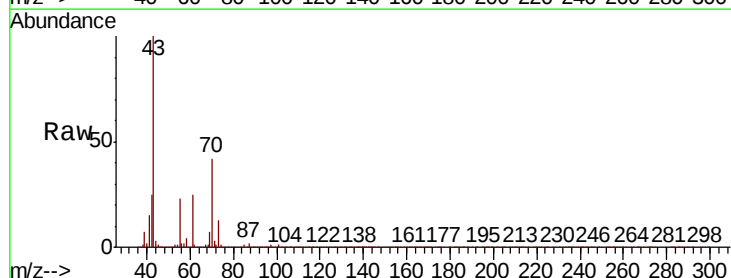
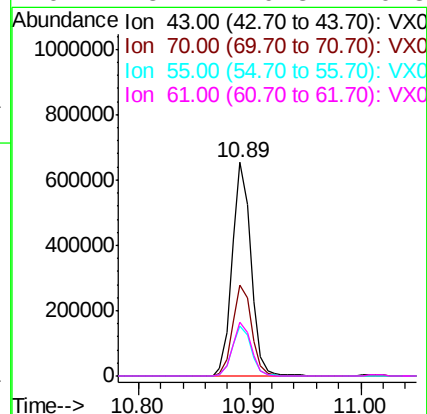
Ion Ratio Lower Upper

43 100

70 43.1 34.3 51.5

55 23.8 18.5 27.7

61 25.1 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.296 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

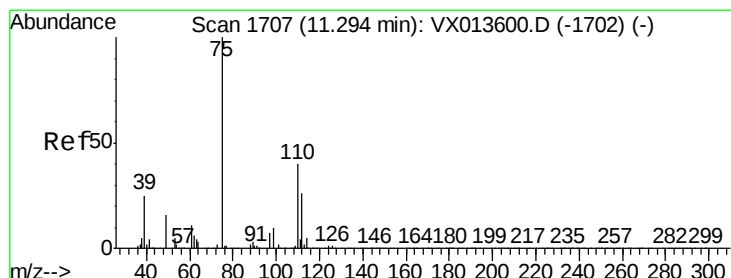
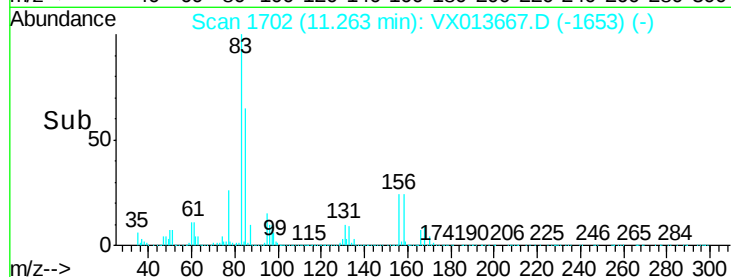
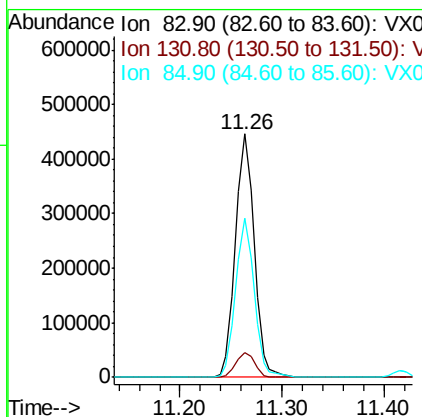
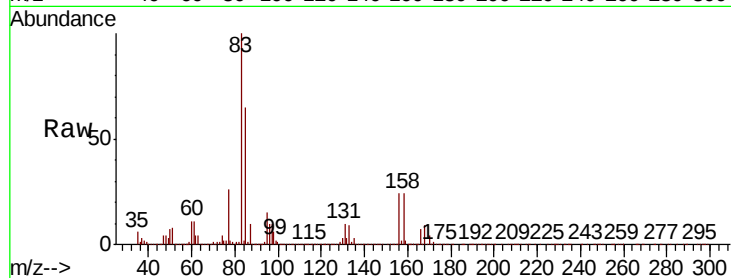
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	565407
Ion Ratio		Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.7	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 43.540 ug/l m

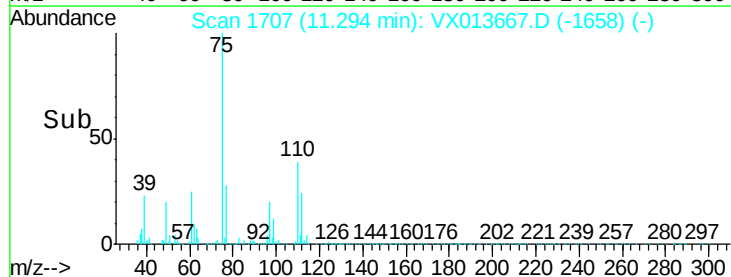
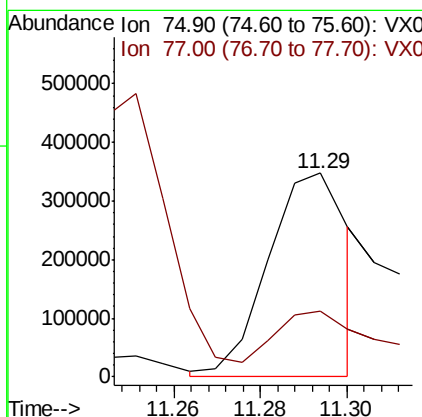
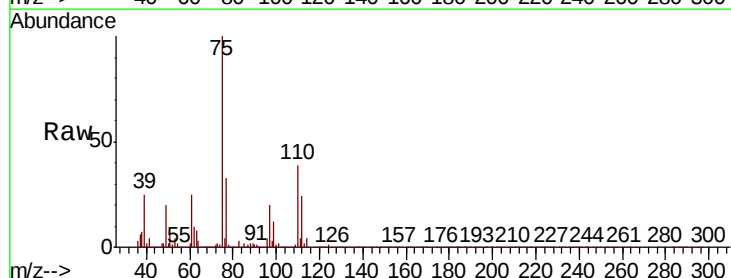
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion:	75	Resp:	443721
Ion Ratio		Lower	Upper
75	100		
77	43.7	19.1	57.5





#77

Bromobenzene

Concen: 49.486 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

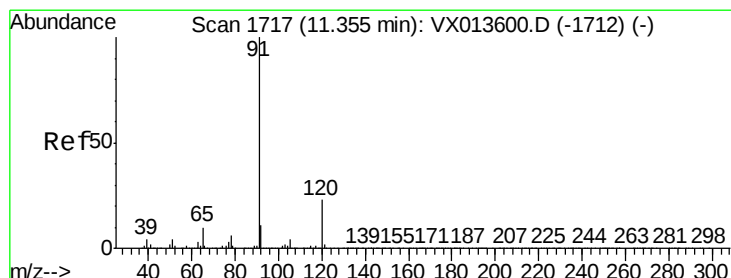
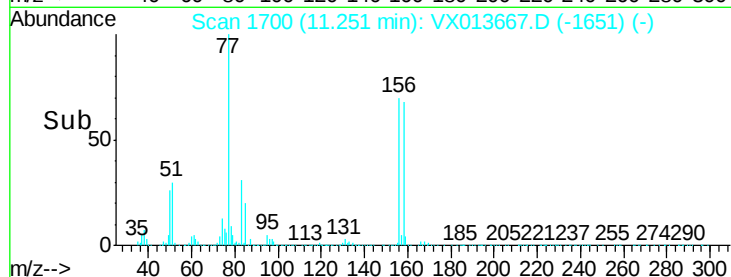
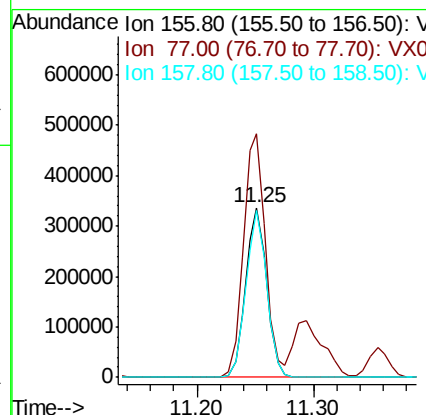
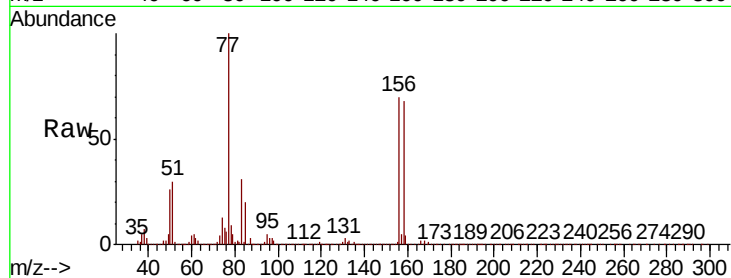
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	424915
Ion Ratio	Lower	Upper	
156	100		
77	149.4	74.4	223.1
158	97.2	48.9	146.6

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#78

n-propylbenzene

Concen: 51.365 ug/l

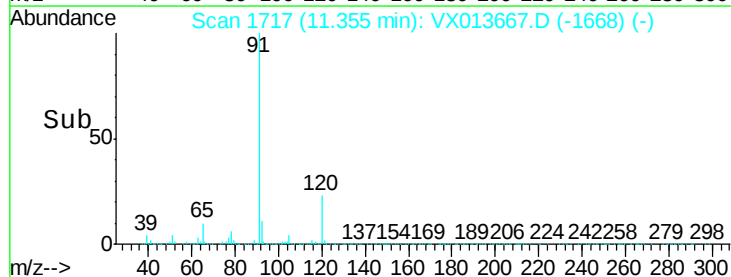
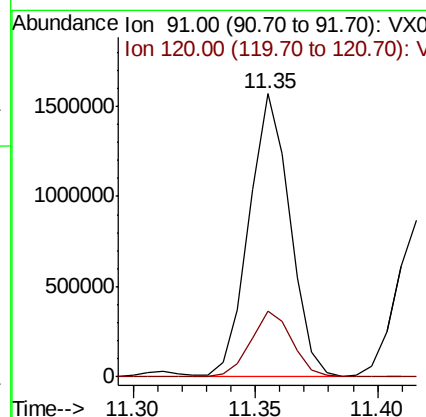
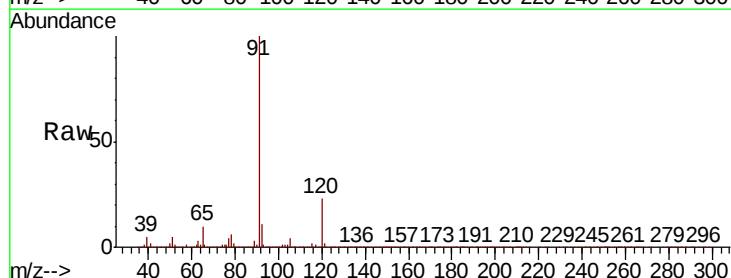
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion:	91	Resp:	1822472
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.3





#79

2-Chlorotoluene

Concen: 50.602 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1077000

Ion Ratio Lower Upper

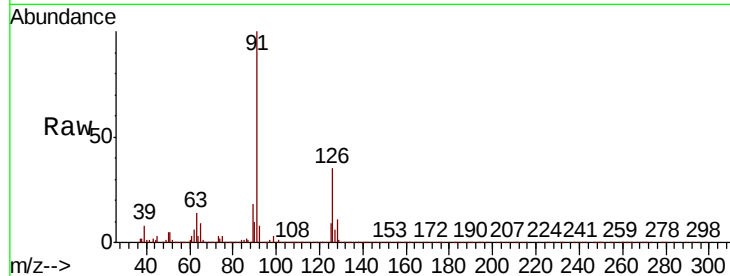
91 100

126 35.4 17.5 52.5

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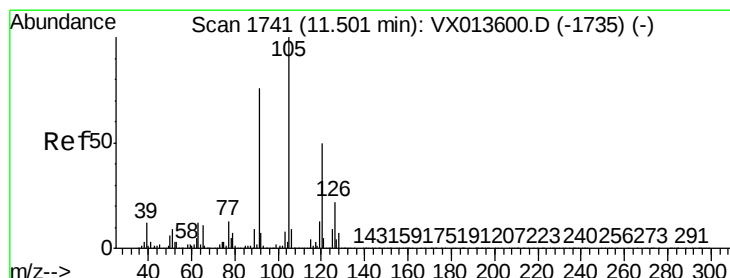
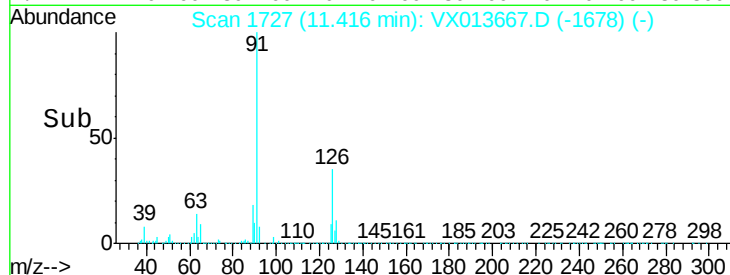
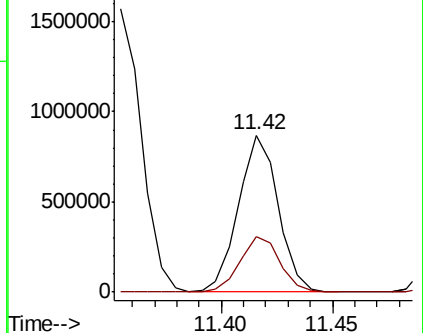
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX013667.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX013667.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.803 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013667.D

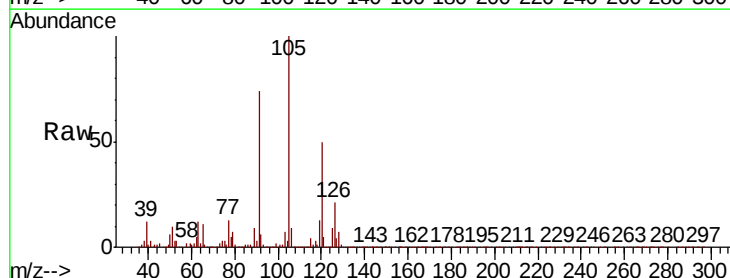
Acq: 27 Nov 2019 21:41

Tgt Ion: 105 Resp: 1349444

Ion Ratio Lower Upper

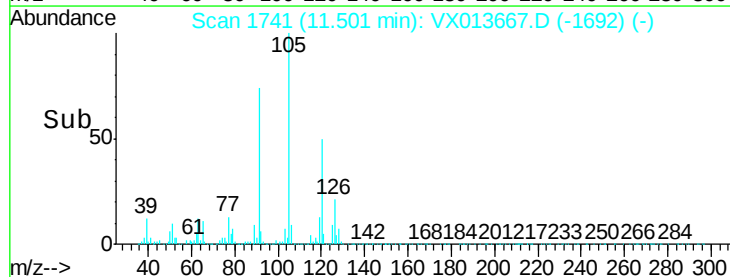
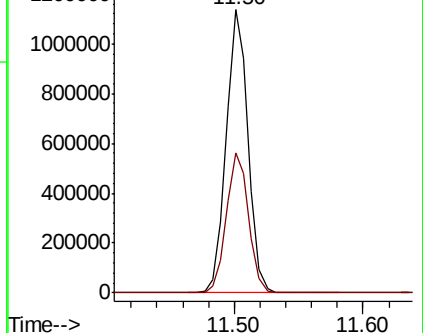
105 100

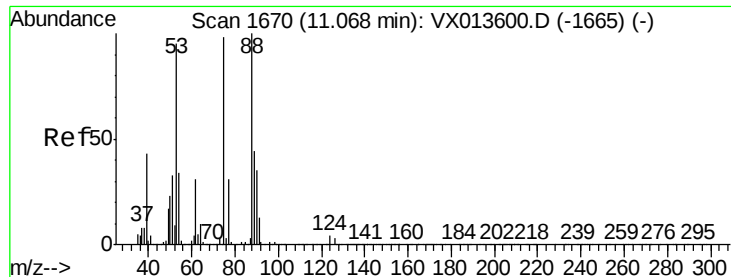
120 50.3 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013667.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013667.D (-1692) (-)





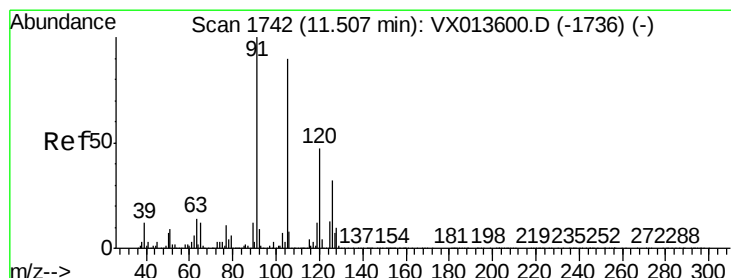
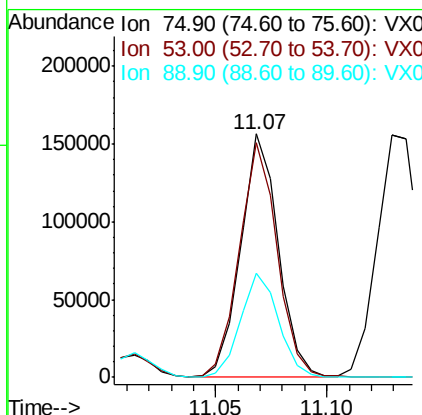
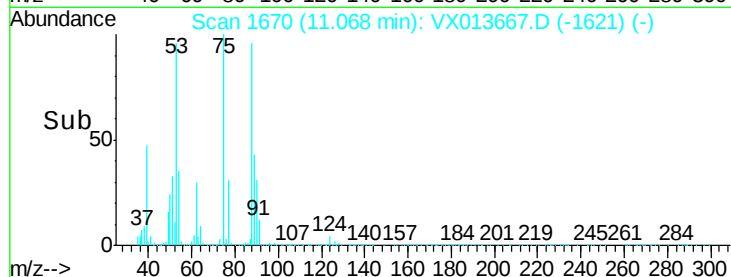
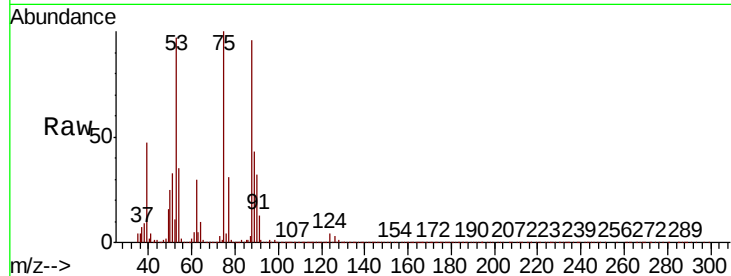
#81
trans-1,4-Dichloro-2-butene
Concen: 49.197 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.0	78.2	117.2
89	43.2	35.4	53.2

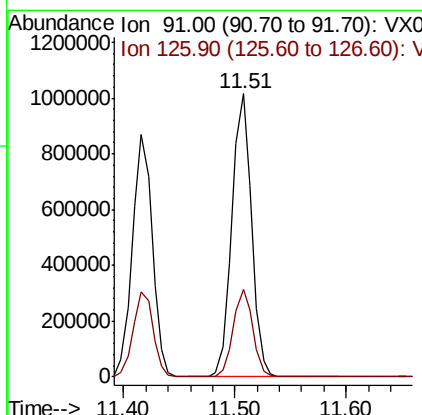
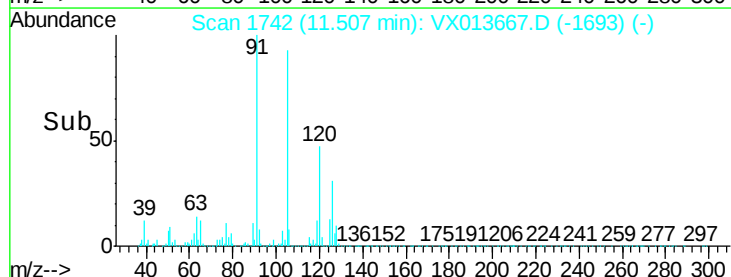
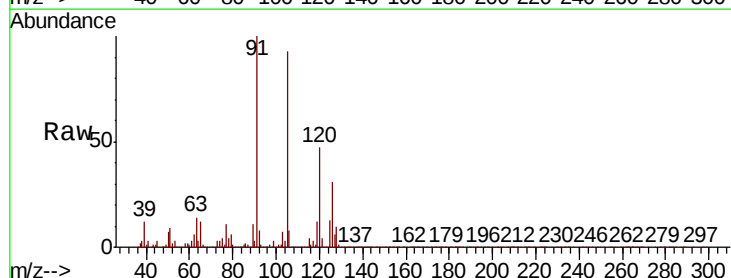
Manual Integrations
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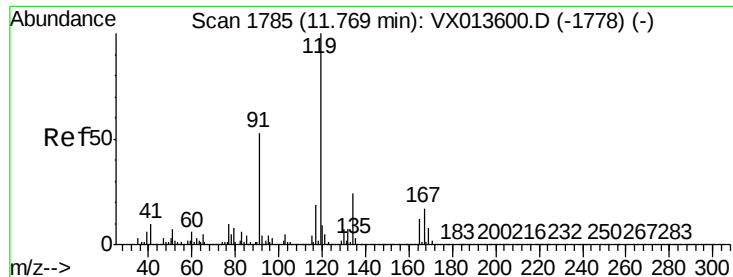
apatel
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#82
4-Chlorotoluene
Concen: 50.314 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.7	47.0





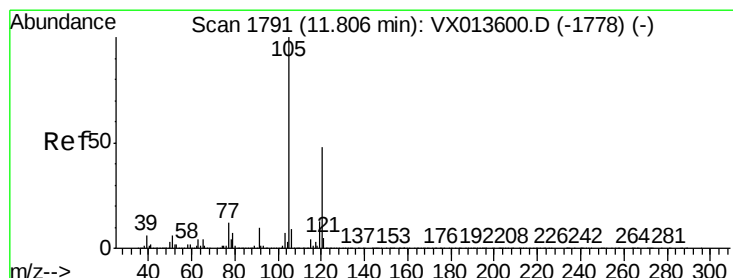
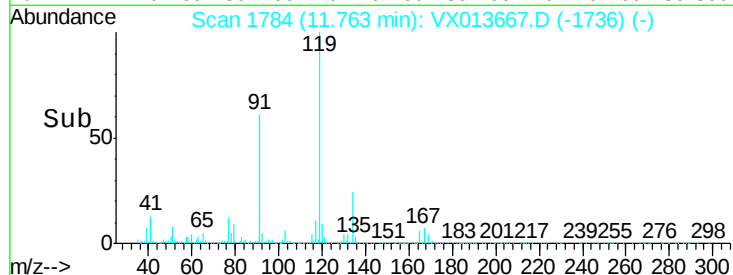
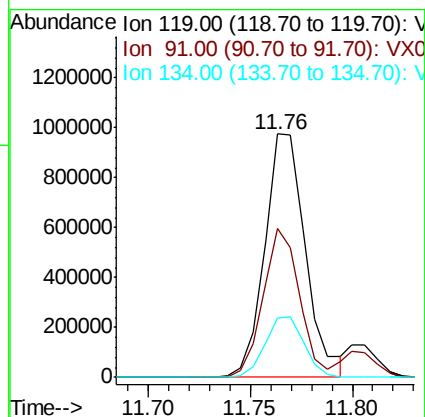
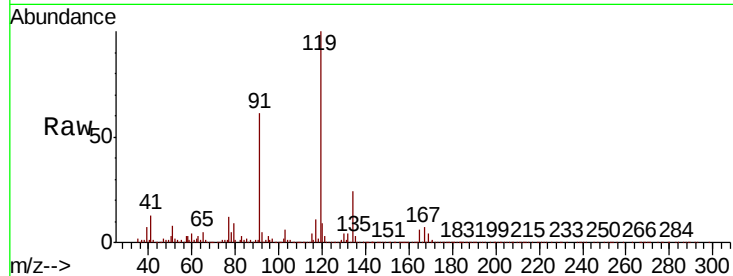
#83
tert-Butylbenzene
Concen: 51.237 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.6	27.2	81.6
134	23.8	11.7	35.1

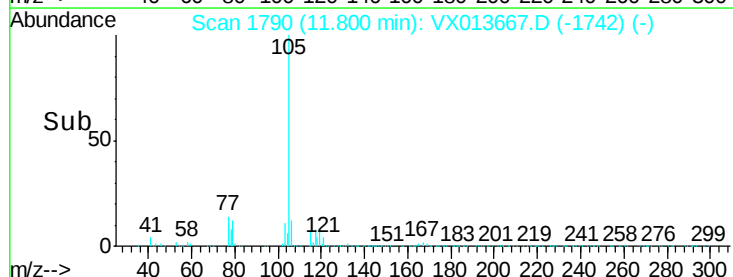
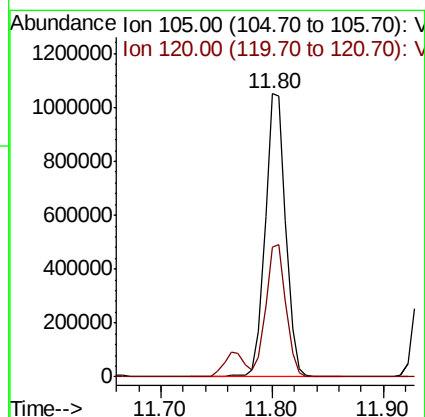
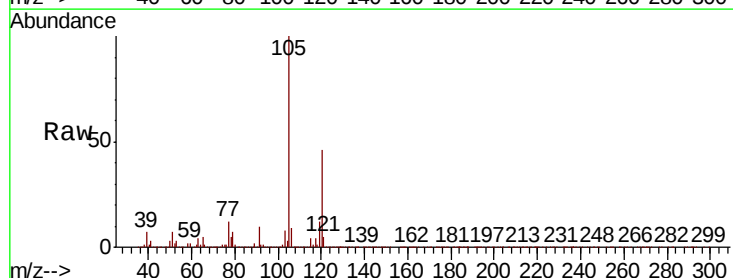
Manual Integrations
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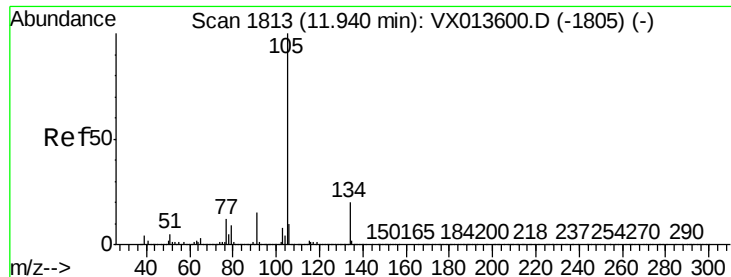
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#84
1,2,4-Trimethylbenzene
Concen: 51.239 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 51.266 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1550251

Ion Ratio Lower Upper

105 100

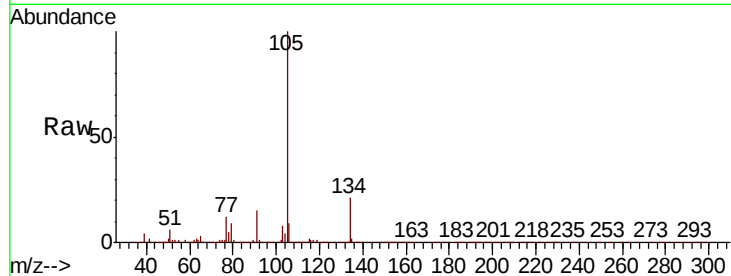
134 20.7 10.4 31.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

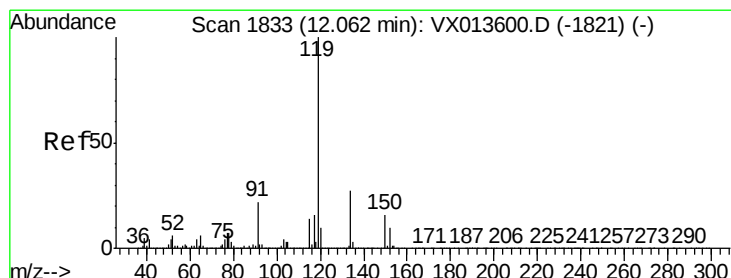
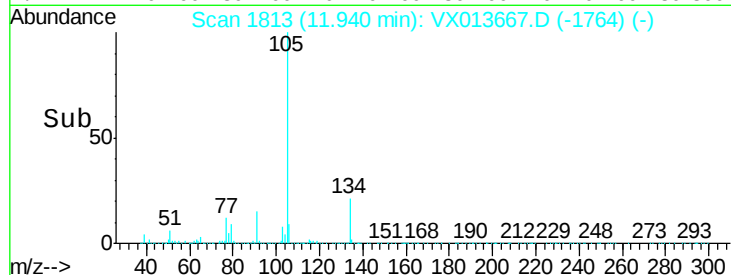
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.435 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

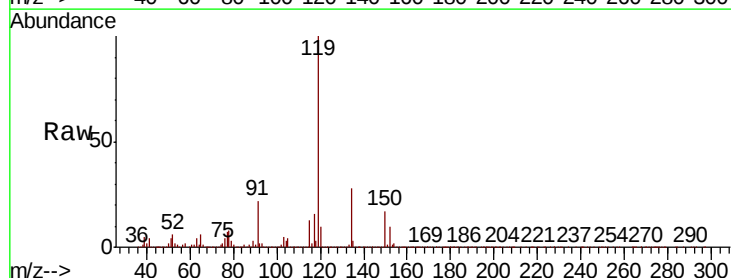
Tgt Ion:119 Resp: 1418816

Ion Ratio Lower Upper

119 100

134 27.2 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): V

12.06

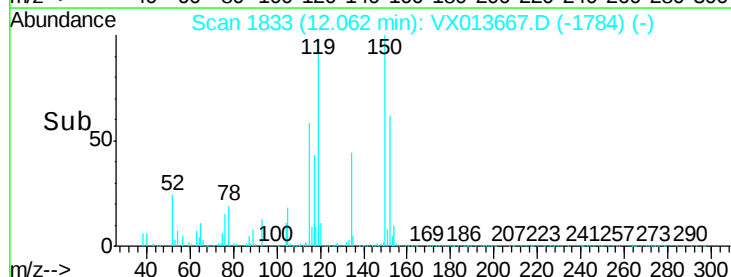
1500000

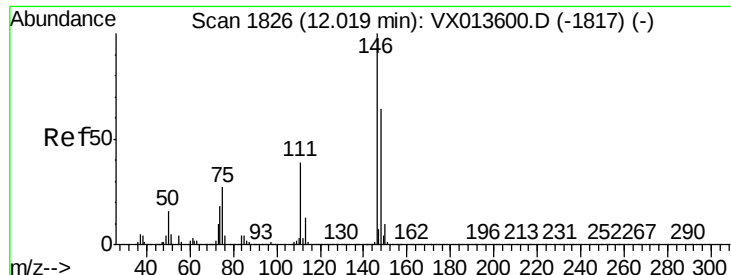
1000000

500000

0

Time-->





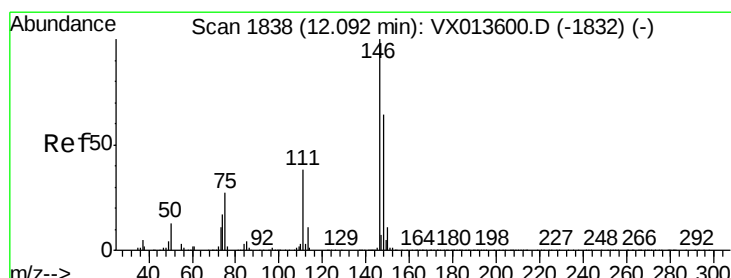
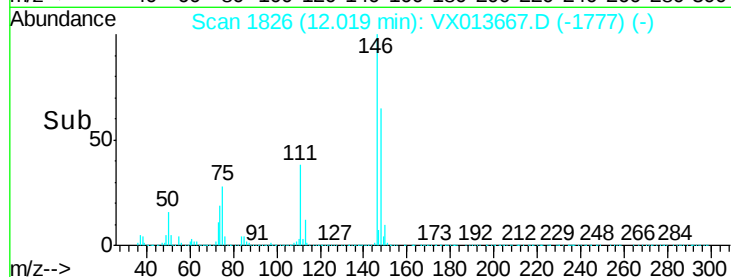
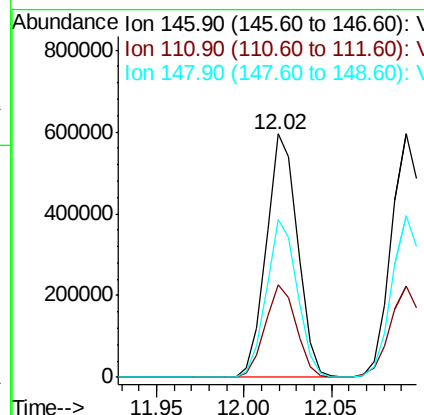
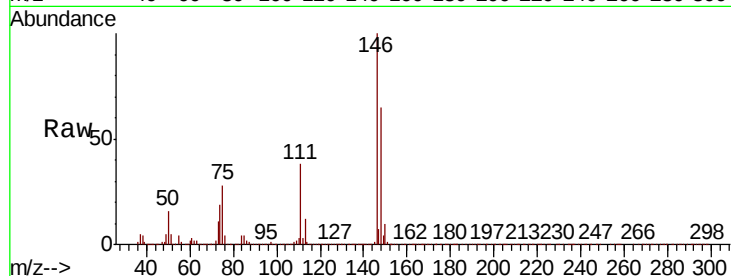
#87
 1,3-Dichlorobenzene
 Concen: 49.579 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	63.8	31.8	95.4

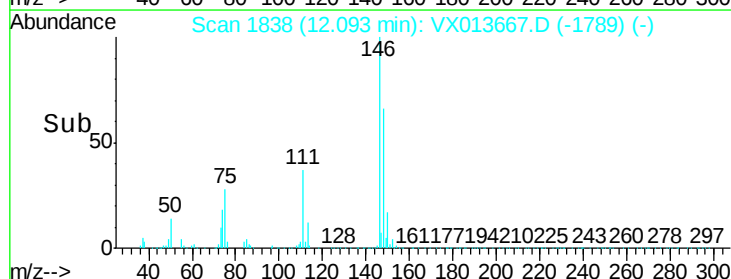
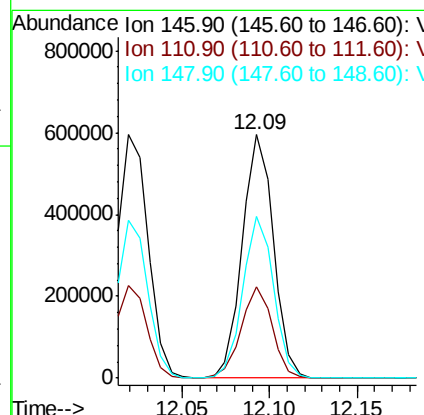
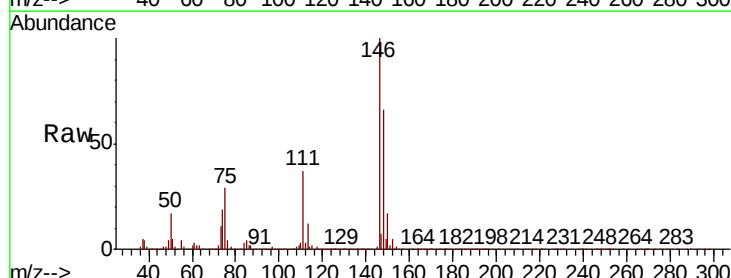
Manual Integrations
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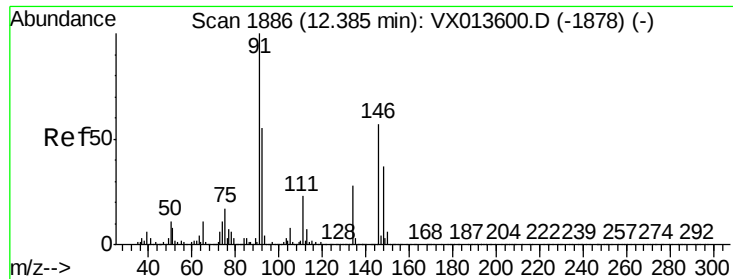
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#88
 1,4-Dichlorobenzene
 Concen: 48.232 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.9
148	65.5	31.9	95.5





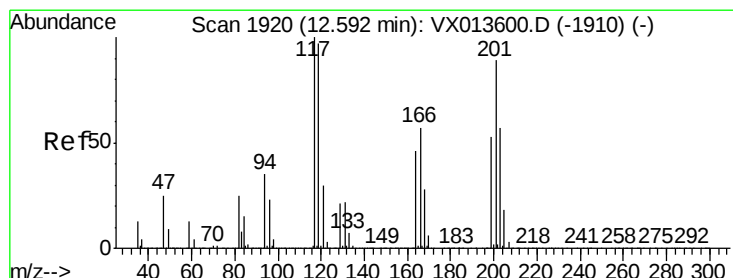
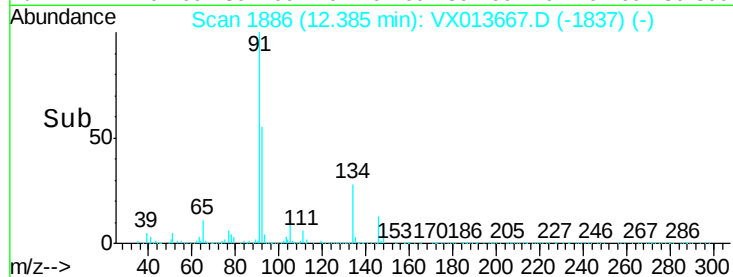
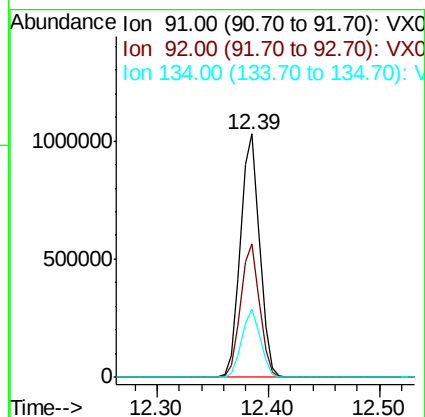
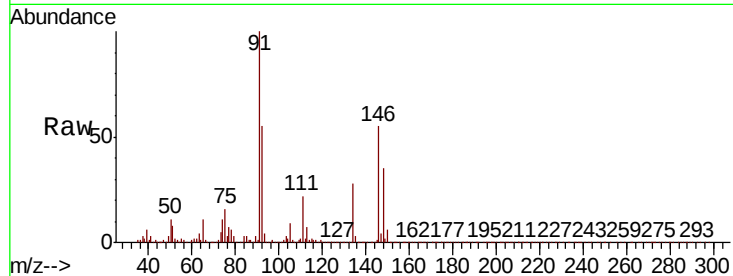
#89
n-Butylbenzene
Concen: 51.121 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.2
134	27.4	13.5	40.4

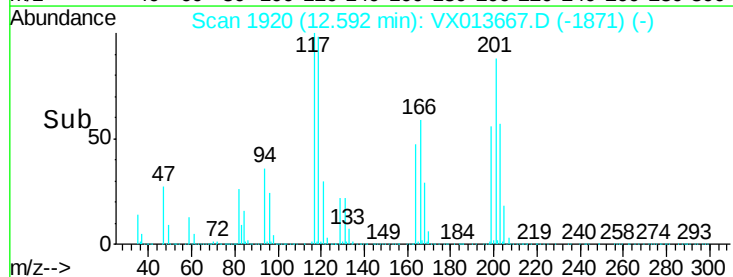
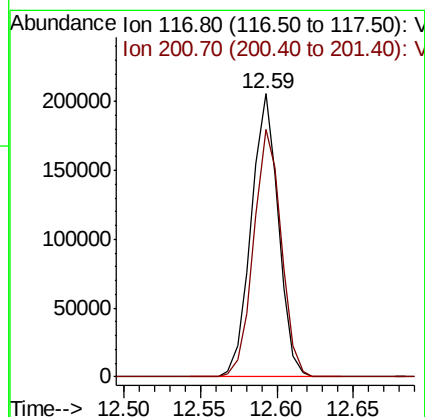
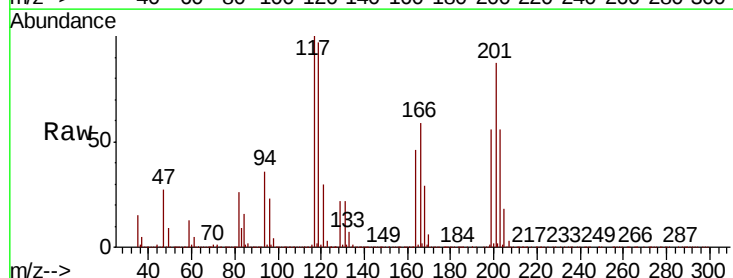
Manual Integrations
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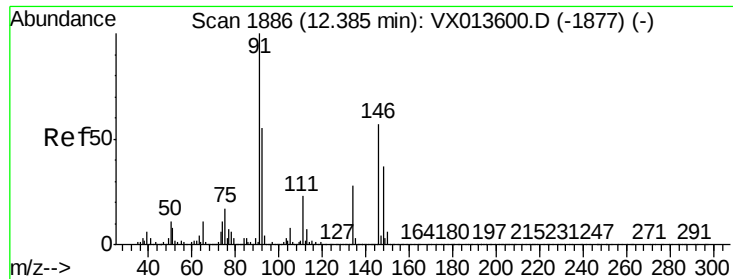
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#90
Hexachloroethane
Concen: 49.852 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	44.1	132.4





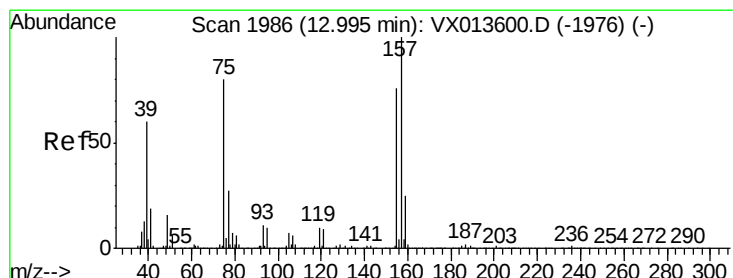
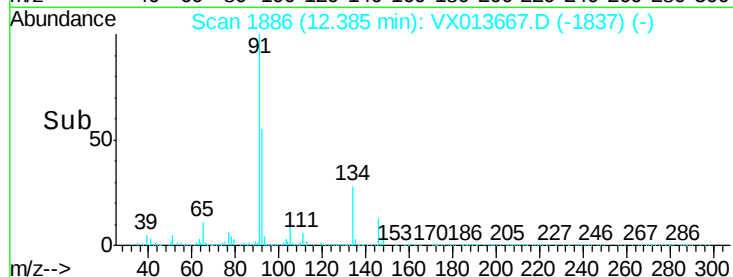
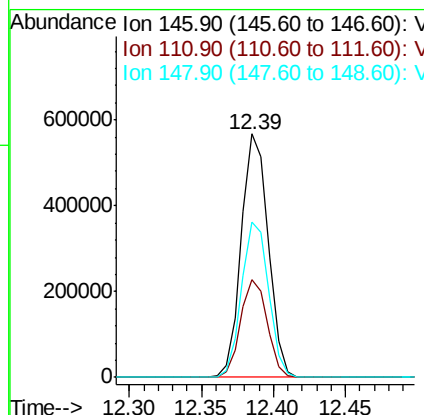
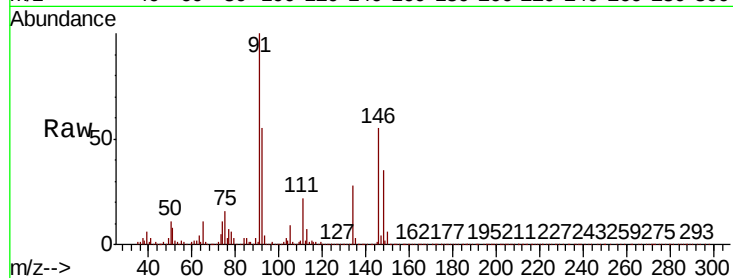
#91
 1,2-Dichlorobenzene
 Concen: 49.977 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	146	Resp:	739093
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.6	58.7
148	64.2	31.9	95.7

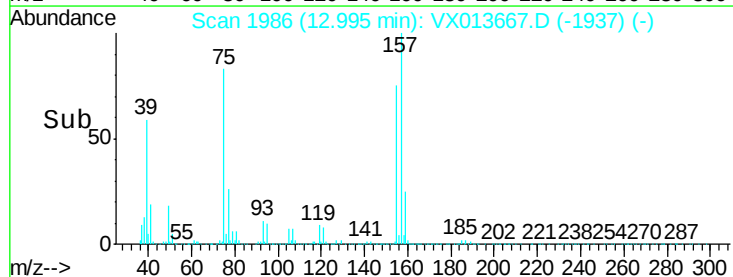
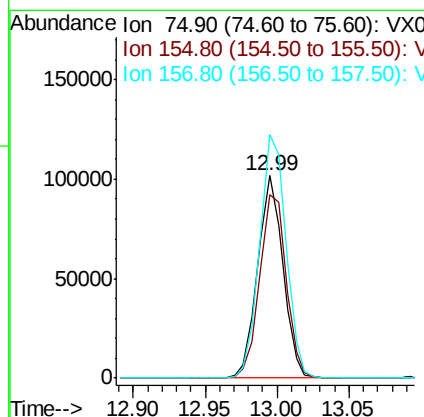
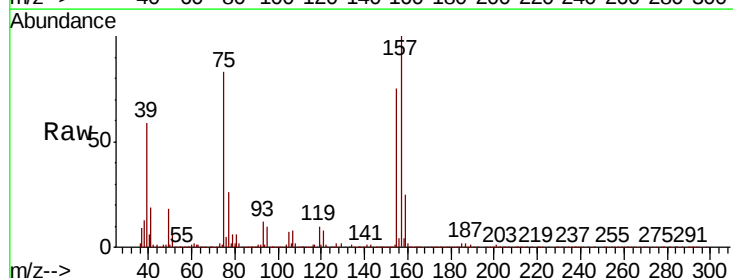
Manual Integrations
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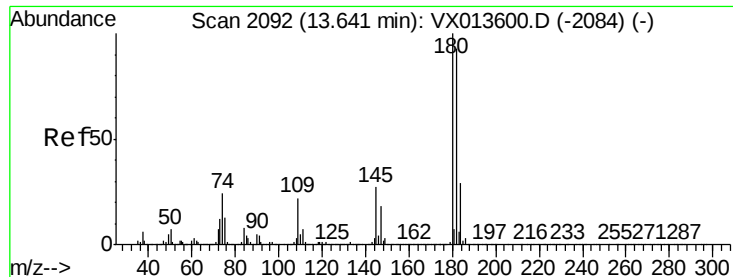
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.848 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion:	75	Resp:	122050
Ion Ratio	Lower	Upper	
75	100		
155	96.5	47.6	142.8
157	126.2	62.1	186.2





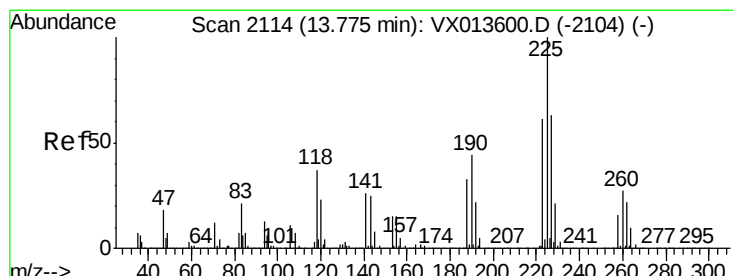
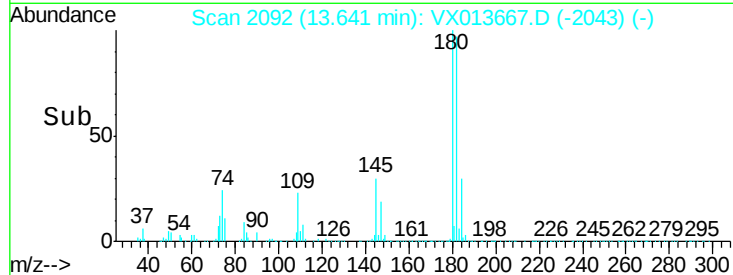
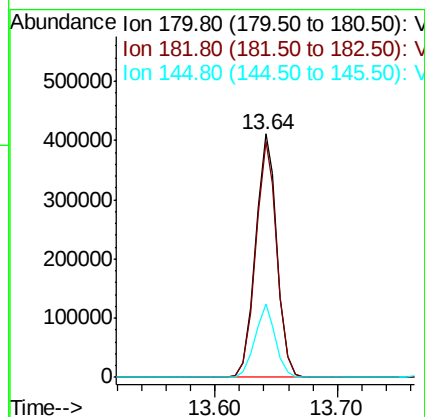
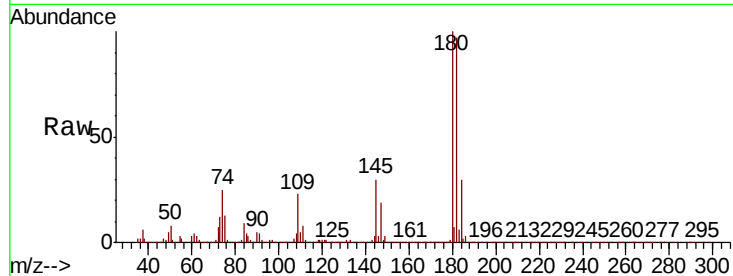
#93
1,2,4-Trichlorobenzene
Concen: 48.503 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	180	Resp:	499898
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.2	141.6
145	29.0	13.8	41.4

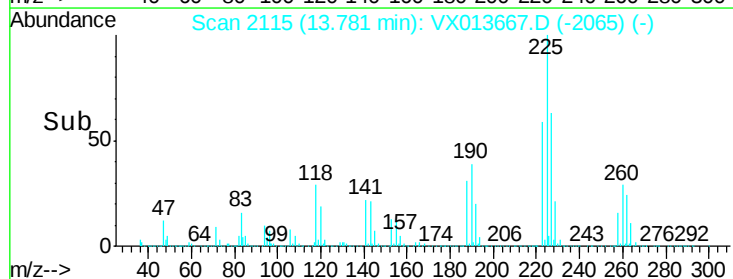
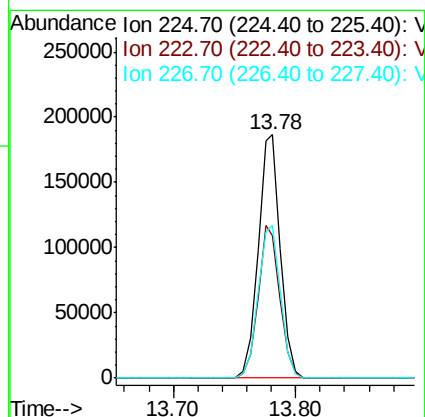
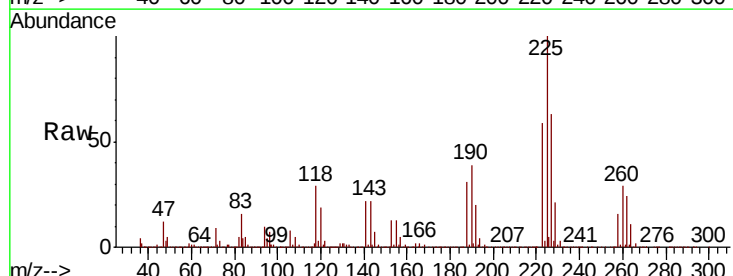
Manual Integrations
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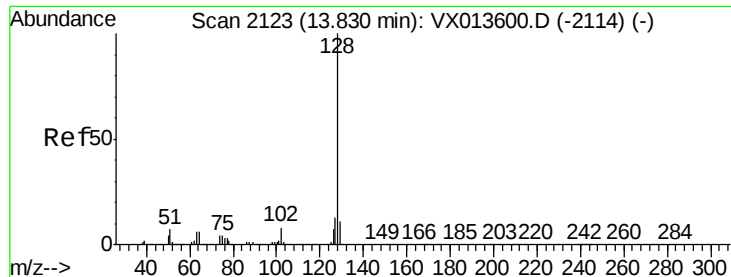
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#94
Hexachlorobutadiene
Concen: 47.425 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion:	225	Resp:	234805
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.9	95.5
227	64.0	32.1	96.3





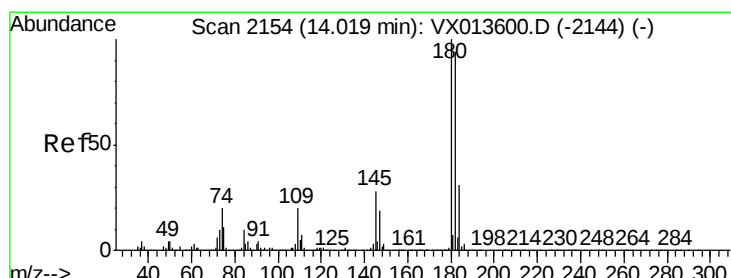
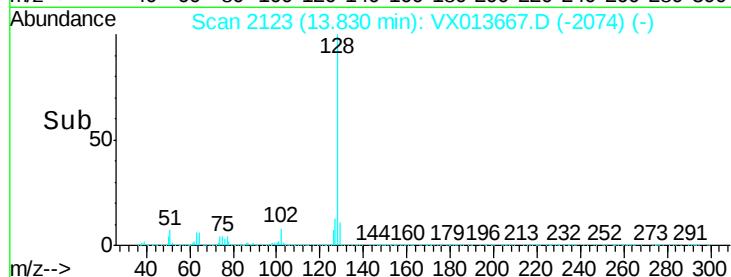
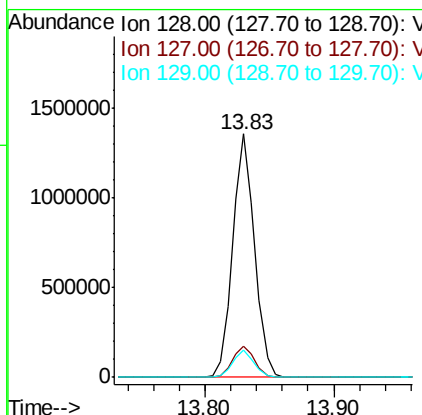
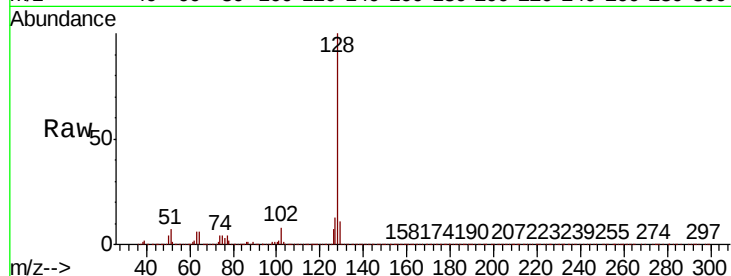
#95
Naphthalene
Concen: 52.357 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:01 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.651 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	30.1	15.0	45.0

