

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112519\
 Data File : VX013576.D
 Acq On : 25 Nov 2019 12:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 11/27/2019 11:34:13 AM

Quant Time: Nov 25 14:24:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	709480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1063766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	954694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	494645	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	420443	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.48	113	356951	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	8.71	98	1351688	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
62) 4-Bromofluorobenzene	11.13	95	498267	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	348570	42.640	ug/l	97
3) Chloromethane	1.31	50	382455	43.143	ug/l	99
4) Vinyl Chloride	1.40	62	465439	46.118	ug/l	100
5) Bromomethane	1.63	94	280408	39.870	ug/l	99
6) Chloroethane	1.71	64	266674	46.132	ug/l	100
7) Trichlorofluoromethane	1.92	101	535241	44.889	ug/l	98
8) Diethyl Ether	2.17	74	253821	48.139	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	343995	51.762	ug/l	99
10) Methyl Iodide	2.50	142	407095	49.477	ug/l	98
11) Tert butyl alcohol	3.03	59	437804	197.621	ug/l	99
12) 1,1-Dichloroethene	2.36	96	327220	50.280	ug/l	99
13) Acrolein	2.28	56	409521	341.077	ug/l	97
14) Allyl chloride	2.72	41	621192	52.533	ug/l	95
15) Acrylonitrile	3.12	53	1082815	261.662	ug/l	98
16) Acetone	2.43	43	1032462	246.269	ug/l	99
17) Carbon Disulfide	2.56	76	766390	43.998	ug/l	99
18) Methyl Acetate	2.76	43	620302	53.593	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1176431	54.198	ug/l	99
20) Methylene Chloride	2.84	84	395824	51.100	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	350086	49.406	ug/l	97
22) Diisopropyl ether	3.84	45	1274332	55.821	ug/l	98
23) Vinyl Acetate	3.80	43	5201349	266.263	ug/l	99
24) 1,1-Dichloroethane	3.68	63	675002	52.856	ug/l	99
25) 2-Butanone	4.65	43	1565213	254.492	ug/l	100
26) 2,2-Dichloropropane	4.57	77	565762	55.689	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	422444	53.220	ug/l	100
28) Bromochloromethane	5.00	49	221847	61.182	ug/l	100
29) Tetrahydrofuran	5.11	42	955065	251.990	ug/l	99
30) Chloroform	5.19	83	659939	52.333	ug/l	97
31) Cyclohexane	5.56	56	575631	50.092	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	566278	52.180	ug/l	99
36) 1,1-Dichloropropene	5.78	75	487073	53.373	ug/l	99
37) Ethyl Acetate	4.81	43	576312	51.108	ug/l	99
38) Carbon Tetrachloride	5.77	117	482216	54.036	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	591096	51.983	ug/l	98
40) Benzene	6.13	78	1497131	52.666	ug/l	97
41) Methacrylonitrile	5.02	41	333446	52.757	ug/l	98
42) 1,2-Dichloroethane	6.18	62	527021	51.398	ug/l	99
43) Isopropyl Acetate	6.43	43	952457	54.242	ug/l	99
44) Trichloroethene	7.20	130	404919	51.748	ug/l	99
45) 1,2-Dichloropropane	7.50	63	400899	55.350	ug/l	97
46) Dibromomethane	7.65	93	256799	51.928	ug/l	98
47) Bromodichloromethane	7.89	83	528683	56.693	ug/l	96
48) Methyl methacrylate	7.76	41	475362	54.233	ug/l	98
49) 1,4-Dioxane	7.73	88	169841	846.100	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	3006712	260.988	ug/l	99
52) Toluene	8.78	92	949934	53.917	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	597289	58.574	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	649887	56.974	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	400133	54.792	ug/l	99
56) Ethyl methacrylate	9.17	69	647182	51.851	ug/l	97
57) 1,3-Dichloropropane	9.36	76	668907	53.959	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1401747	280.729	ug/l	100
59) 2-Hexanone	9.48	43	2337514	262.560	ug/l	99
60) Dibromochloromethane	9.57	129	429540	57.512	ug/l	100
61) 1,2-Dibromoethane	9.67	107	411071	53.010	ug/l	100
64) Tetrachloroethene	9.33	164	361449	52.887	ug/l	97
65) Chlorobenzene	10.13	112	1038524	53.731	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	396596	55.884	ug/l	99
67) Ethyl Benzene	10.25	91	1837145	55.073	ug/l	98
68) m/p-Xylenes	10.36	106	1407338	111.553	ug/l	98
69) o-Xylene	10.70	106	680823	55.121	ug/l	99
70) Styrene	10.71	104	1185195	57.404	ug/l	98
71) Bromoform	10.85	173	335991	50.993	ug/l	99
73) Isopropylbenzene	11.01	105	1837063	56.015	ug/l	100
74) N-amyl acetate	10.89	43	860702	56.595	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	643139	53.754	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	597334m	59.455	ug/l	
77) Bromobenzene	11.25	156	479654	54.862	ug/l	99
78) n-propylbenzene	11.35	91	2104033	57.593	ug/l	100
79) 2-Chlorotoluene	11.42	91	1222439	55.538	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1530719	56.035	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	222826	57.087	ug/l	94
82) 4-Chlorotoluene	11.51	91	1425445	55.324	ug/l	100
83) tert-Butylbenzene	11.76	119	1577188	57.355	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1542572	56.292	ug/l	99
85) sec-Butylbenzene	11.94	105	1841984	58.283	ug/l	99
86) p-Isopropyltoluene	12.06	119	1683669	57.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	861503	55.280	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	856576	53.947	ug/l	99
89) n-Butylbenzene	12.39	91	1513207	59.591	ug/l	99
90) Hexachloroethane	12.59	117	306368	59.086	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	859637	55.182	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	135460	46.472	ug/l	97

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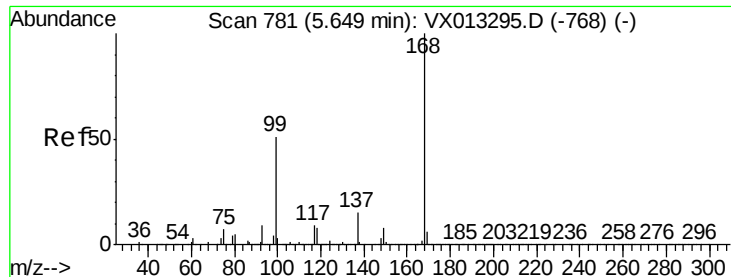
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	631336	58.100	ug/l	97
94) Hexachlorobutadiene	13.78	225	299285	56.296	ug/l	99
95) Naphthalene	13.83	128	1867696	54.782	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	617895	56.700	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 709480

Ion Ratio Lower Upper

168 100

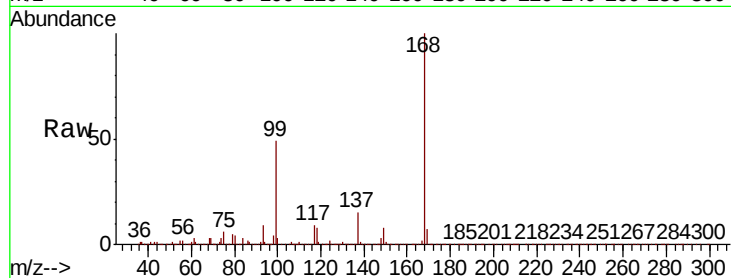
99 49.2 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

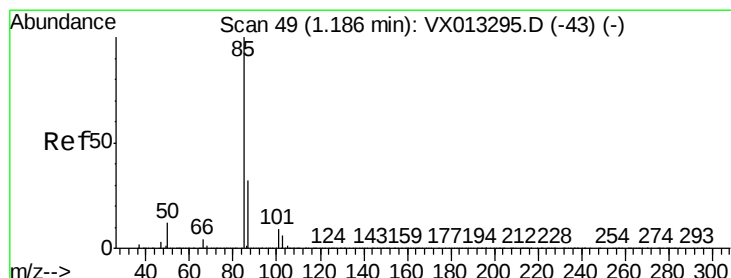
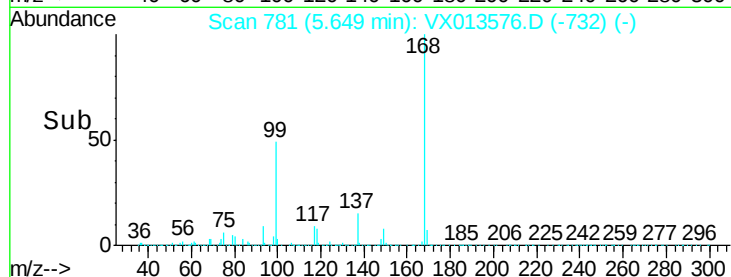
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.640 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013576.D

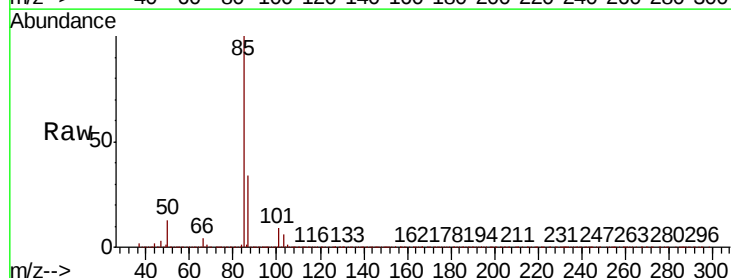
Acq: 25 Nov 2019 12:42

Tgt Ion: 85 Resp: 348570

Ion Ratio Lower Upper

85 100

87 33.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

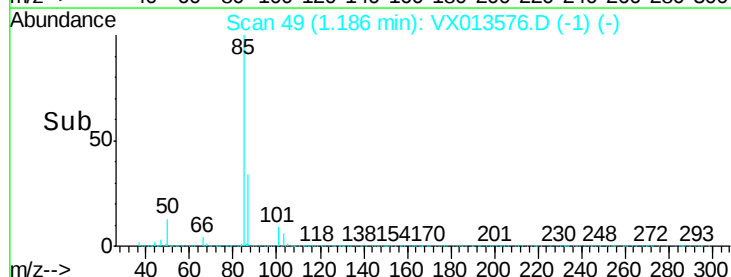
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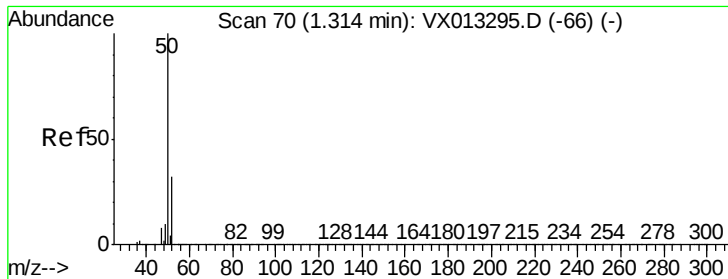
200000

100000

0

Time-->





#3

Chloromethane

Concen: 43.143 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 382455

Ion Ratio Lower Upper

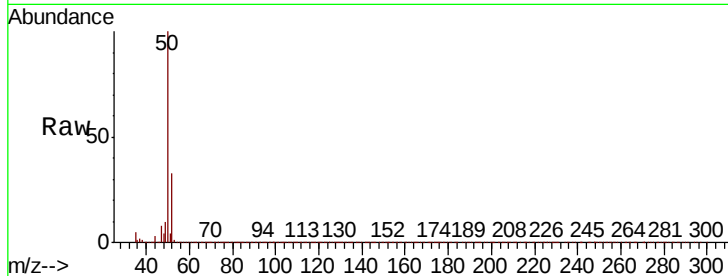
50 100

52 32.6 25.5 38.3

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

400000

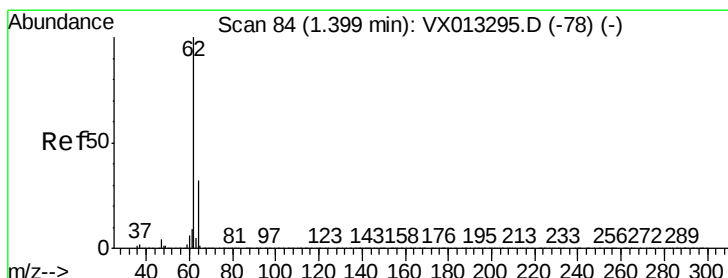
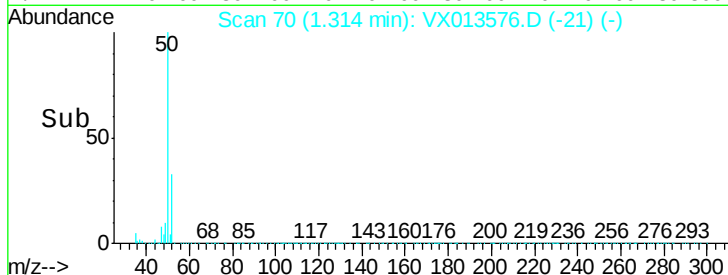
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 46.118 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013576.D

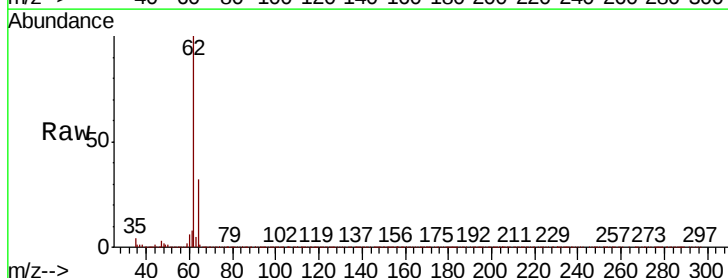
Acq: 25 Nov 2019 12:42

Tgt Ion: 62 Resp: 465439

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

500000

400000

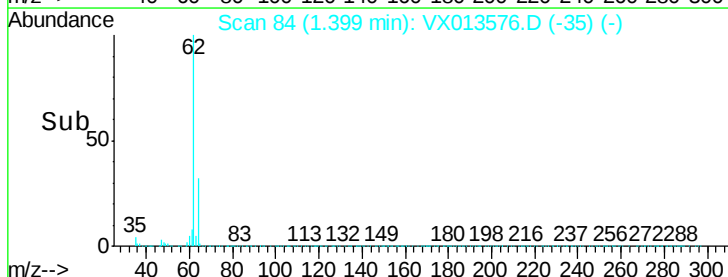
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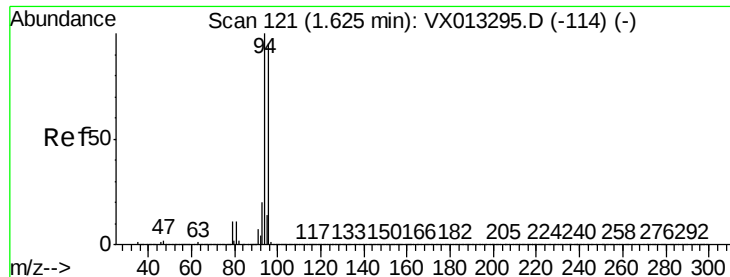
200000

100000

0

Time-->





#5

Bromomethane

Concen: 39.870 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 280408

Ion Ratio Lower Upper

94 100

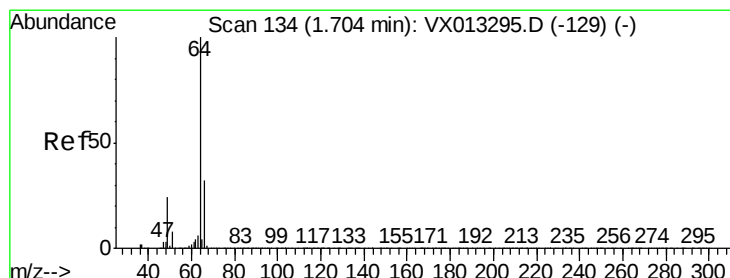
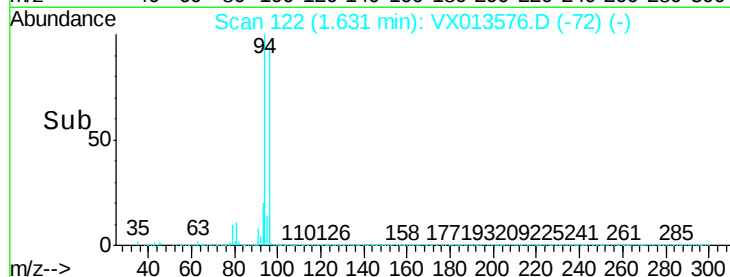
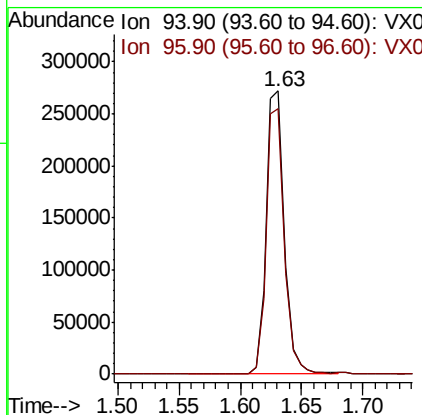
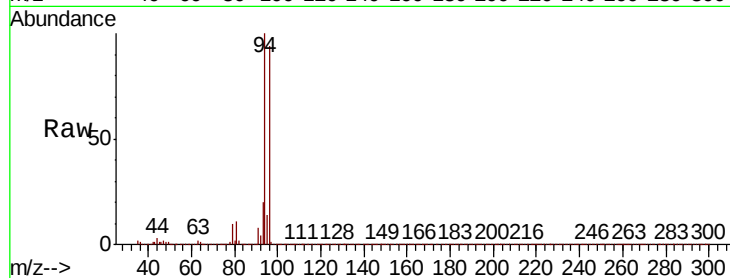
96 93.6 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 46.132 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013576.D

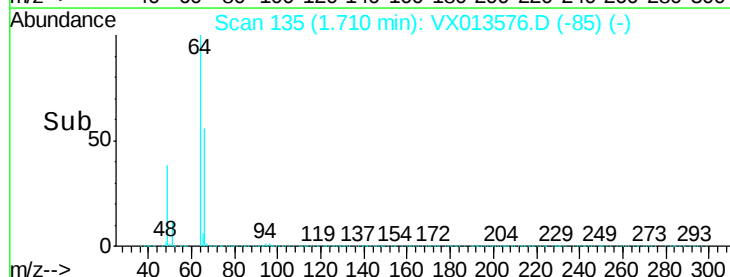
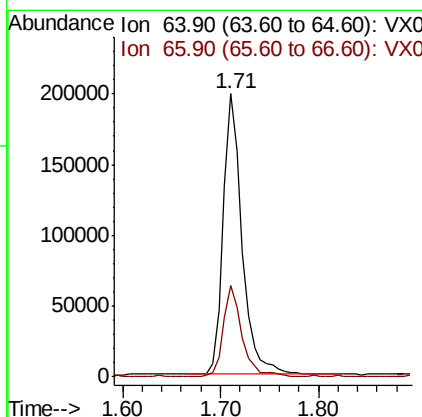
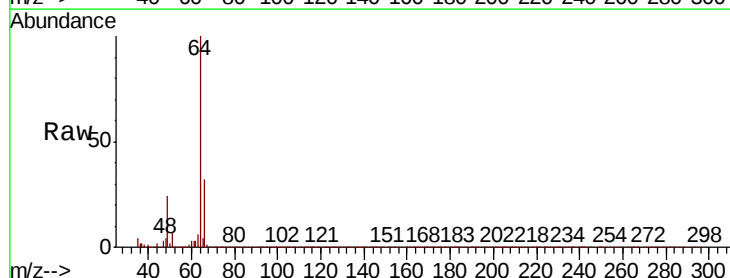
Acq: 25 Nov 2019 12:42

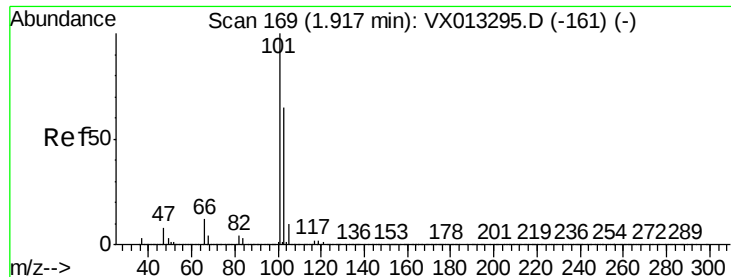
Tgt Ion: 64 Resp: 266674

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4





#7

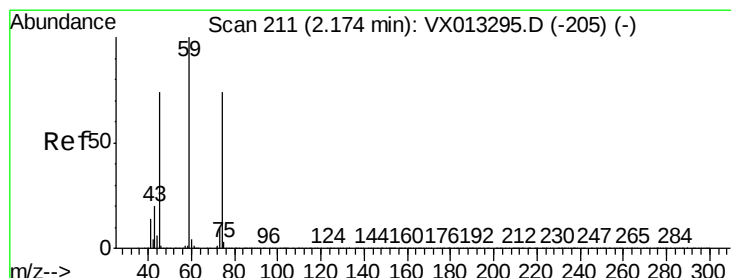
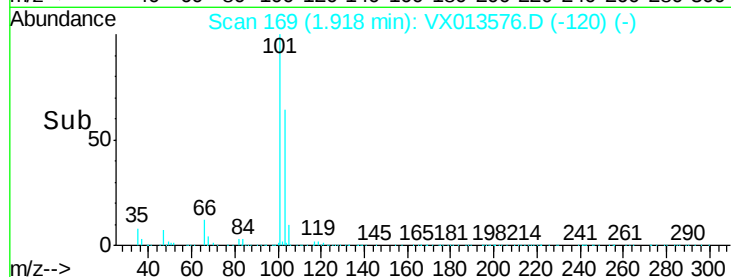
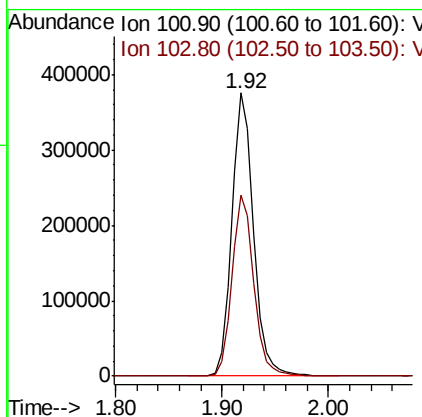
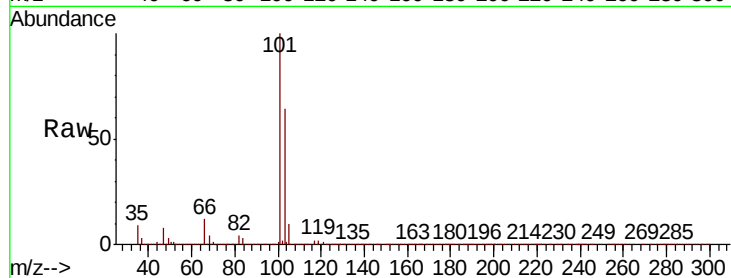
Trichlorofluoromethane
Concen: 44.889 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.3	78.5

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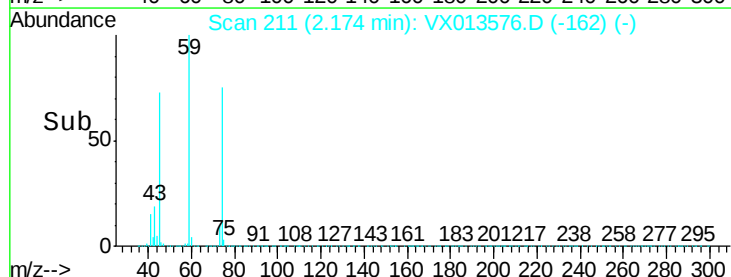
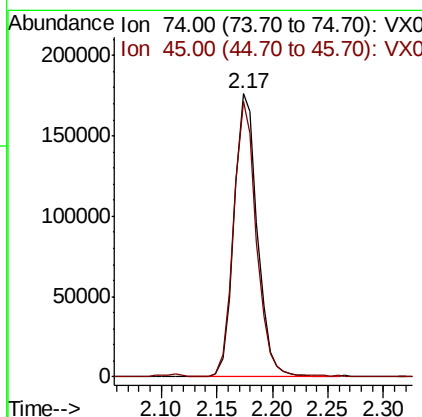
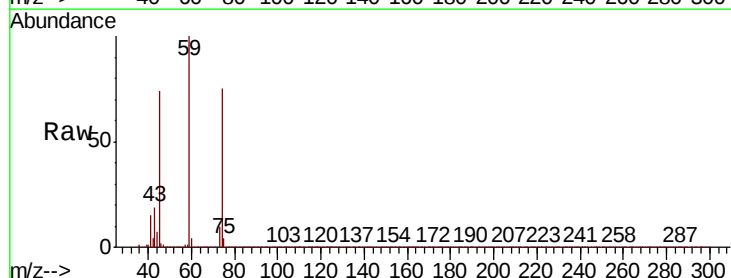
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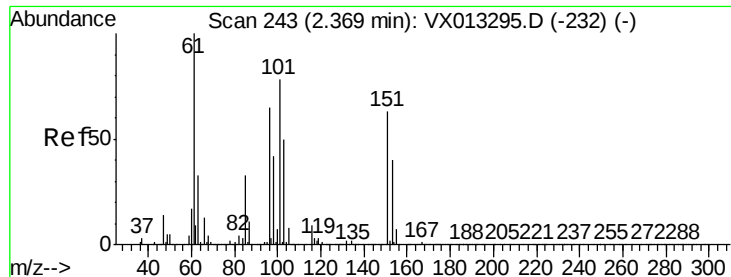


#8

Diethyl Ether
Concen: 48.139 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.762 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

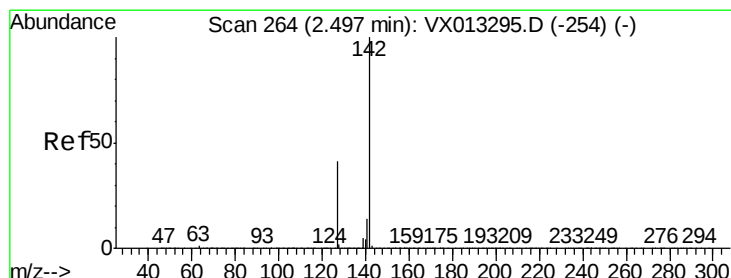
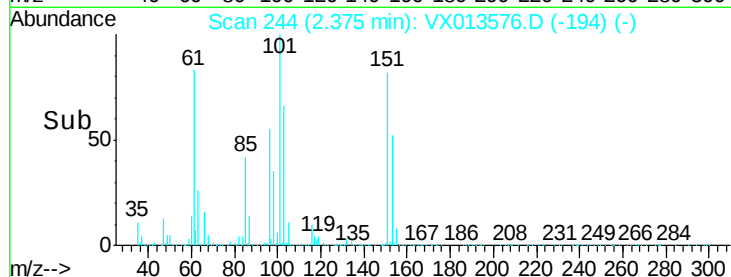
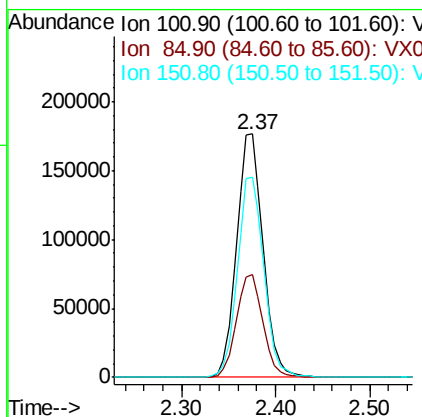
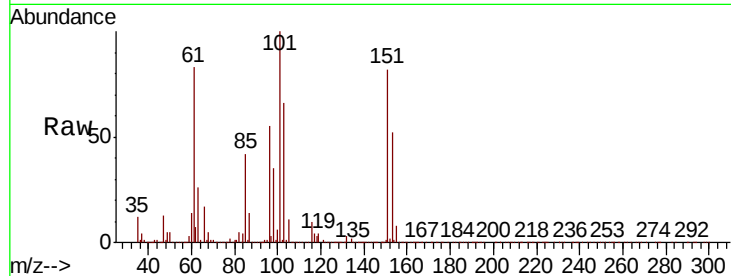
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	343995
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.4	51.6
151	82.5	66.4	99.6

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#10

Methyl Iodide

Concen: 49.477 ug/l

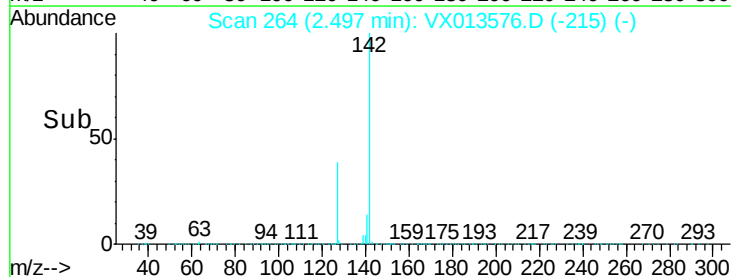
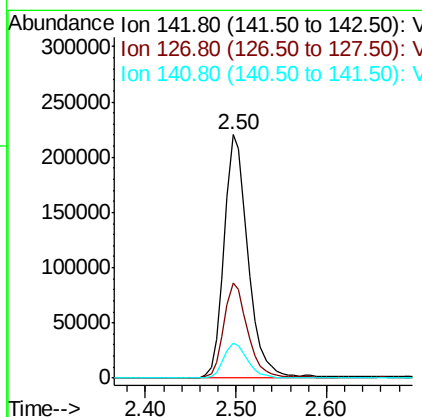
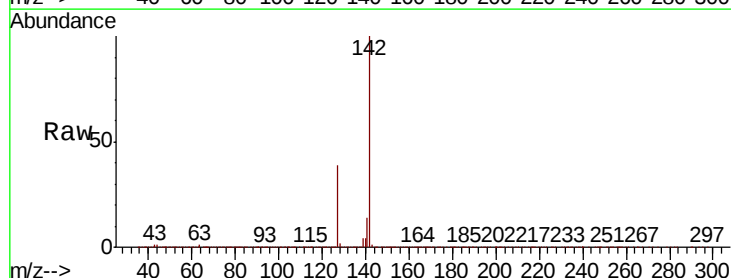
RT: 2.50 min Scan# 264

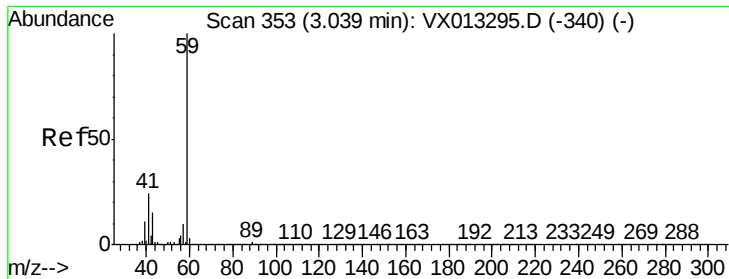
Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion:	142	Resp:	407095
Ion Ratio	Lower	Upper	
142	100		
127	38.7	32.6	49.0
141	14.4	11.6	17.4





#11

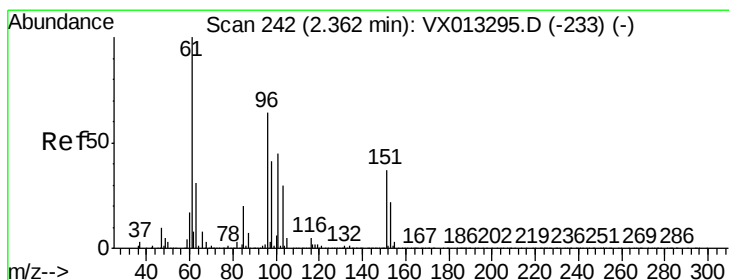
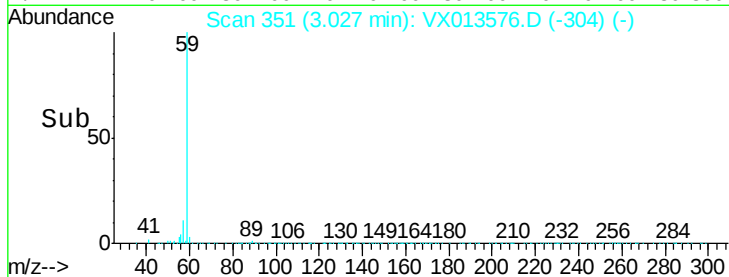
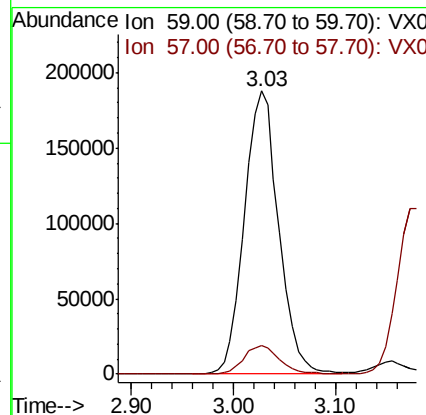
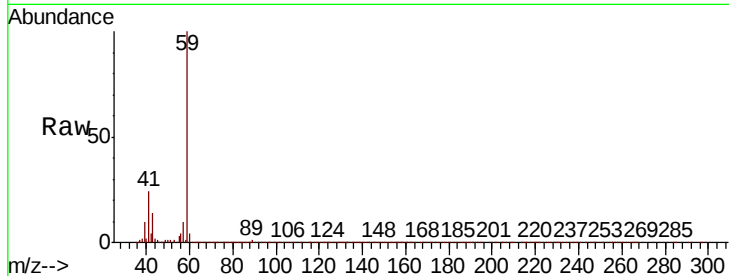
Tert butyl alcohol
Concen: 197.621 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.3	8.0	12.0

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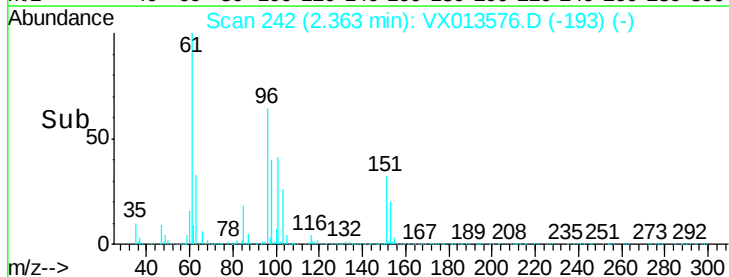
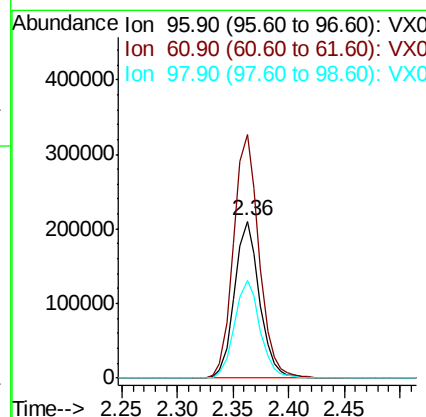
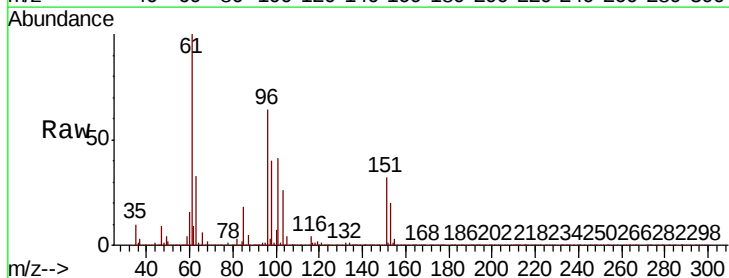
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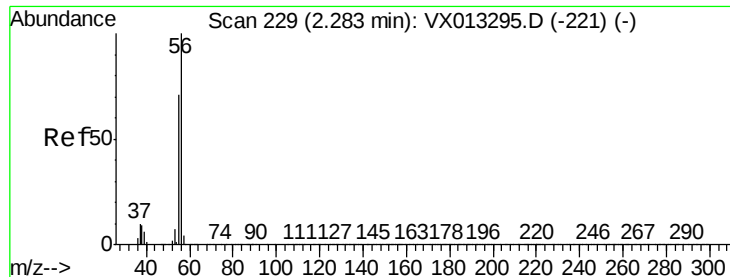


#12

1,1-Dichloroethene
Concen: 50.280 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	155.2	125.0	187.6
98	98	62.5	50.7	76.1





#13

Acrolein

Concen: 341.077 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 409521

Ion Ratio Lower Upper

56 100

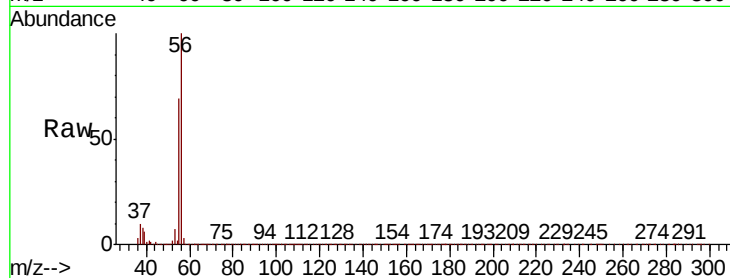
55 69.2 57.4 86.0

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

250000

200000

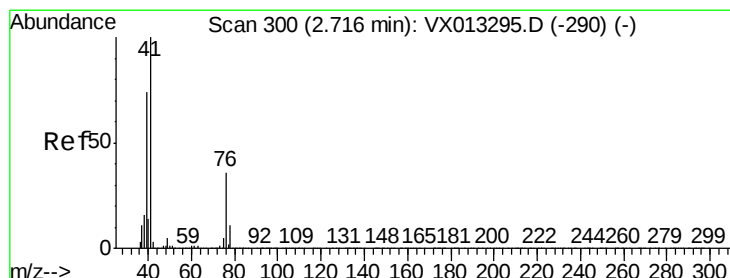
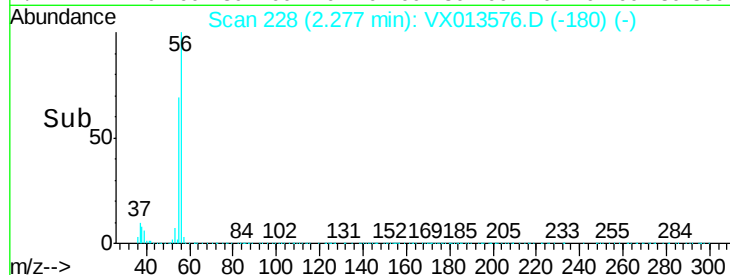
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 52.533 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

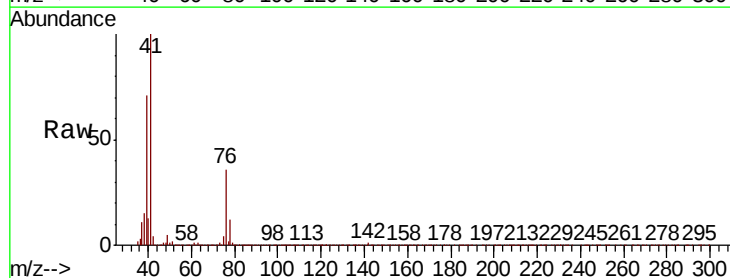
Tgt Ion: 41 Resp: 621192

Ion Ratio Lower Upper

41 100

39 64.3 55.8 83.8

76 32.5 26.4 39.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

500000

400000

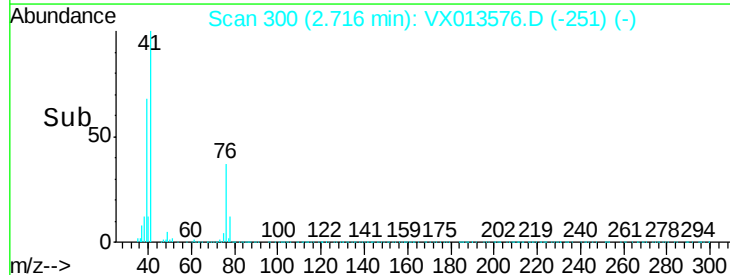
300000

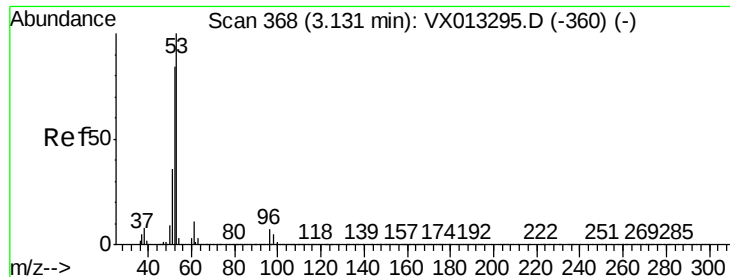
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 261.662 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

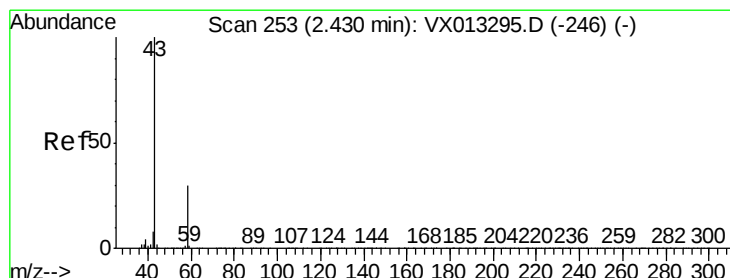
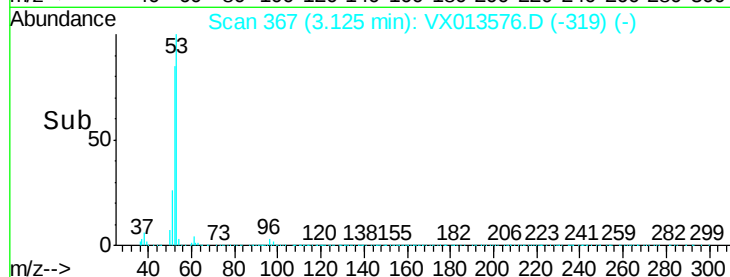
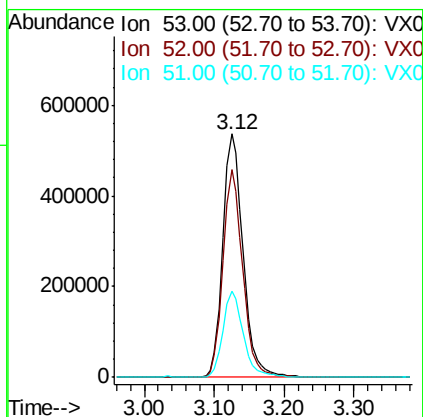
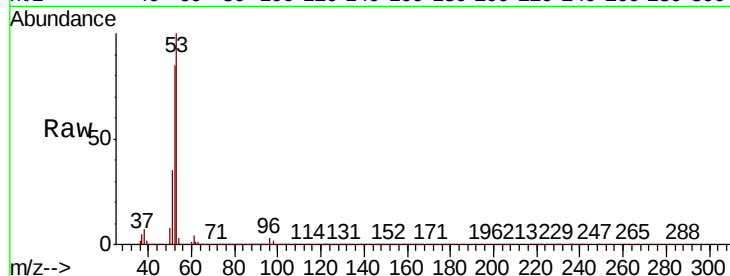
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	1082815
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.4	101.0
51	35.4	29.4	44.2

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#16

Acetone

Concen: 246.269 ug/l

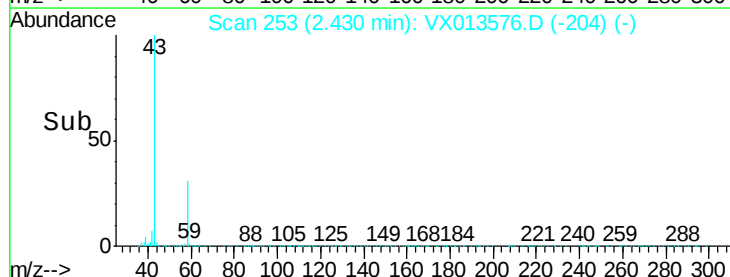
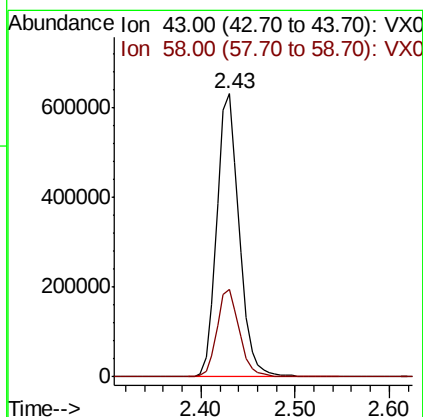
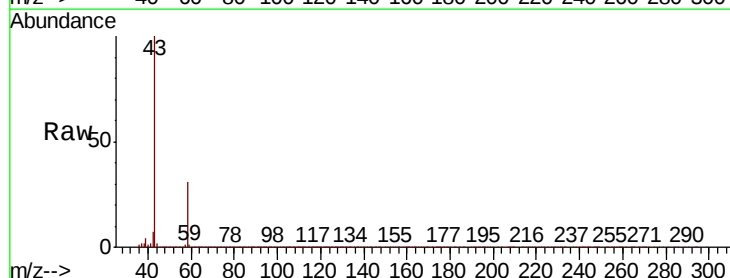
RT: 2.43 min Scan# 253

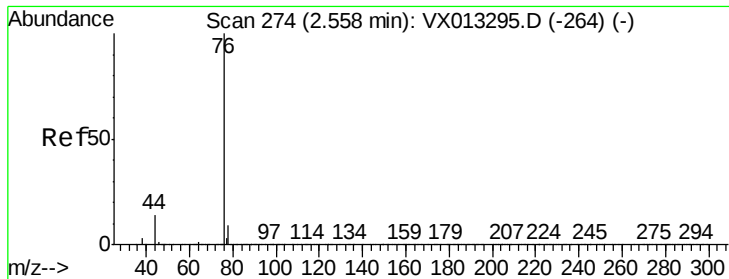
Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion:	43	Resp:	1032462
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.3	36.5





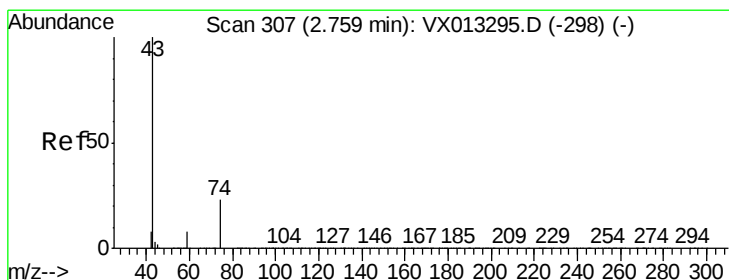
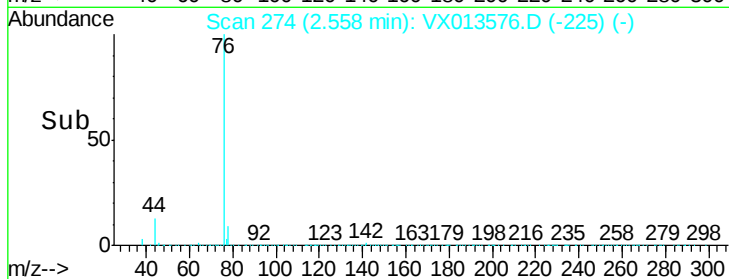
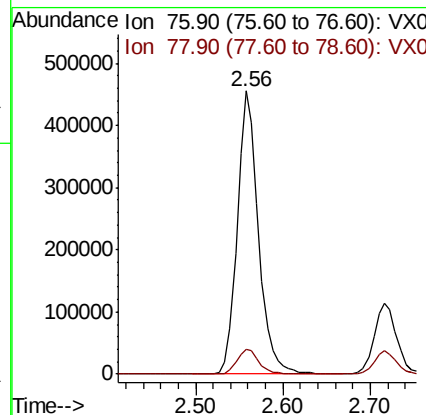
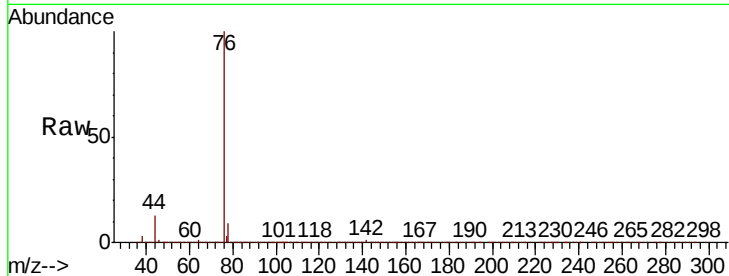
#17
Carbon Disulfide
Concen: 43.998 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.6

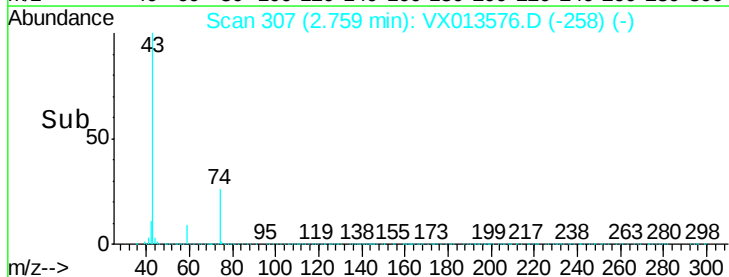
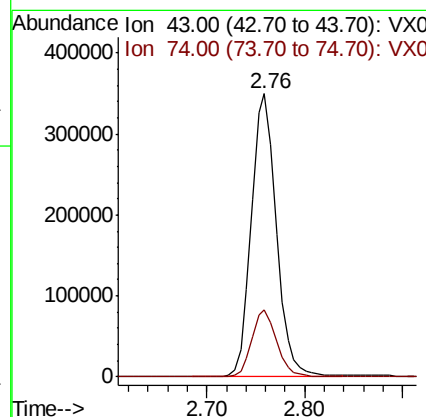
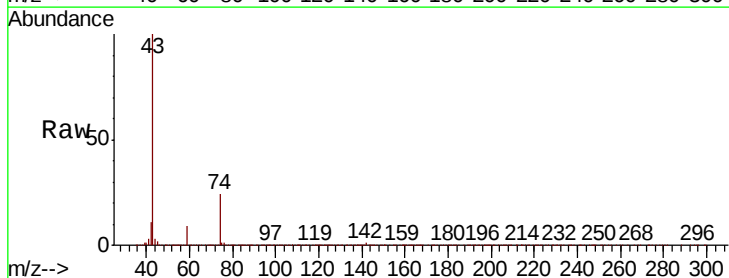
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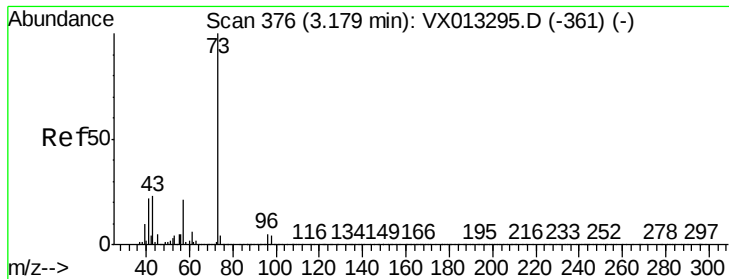
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#18
Methyl Acetate
Concen: 53.593 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.0	28.6





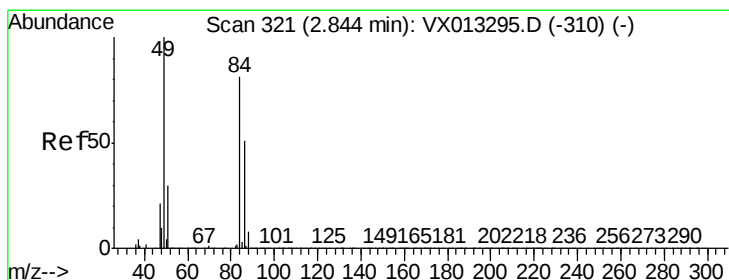
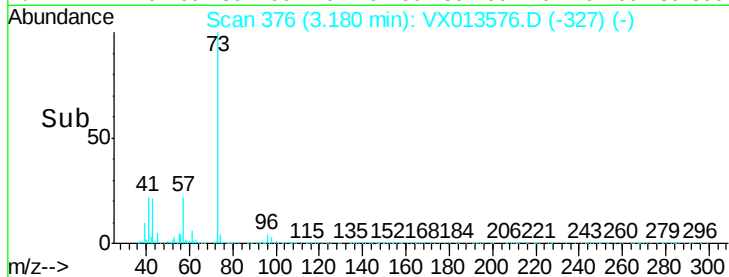
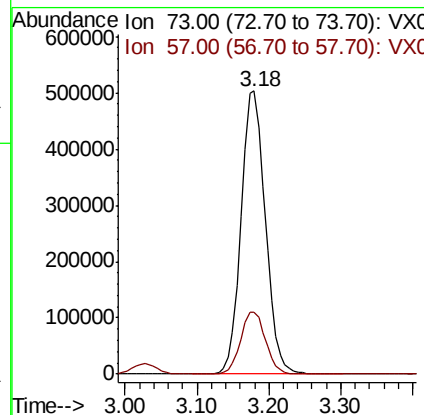
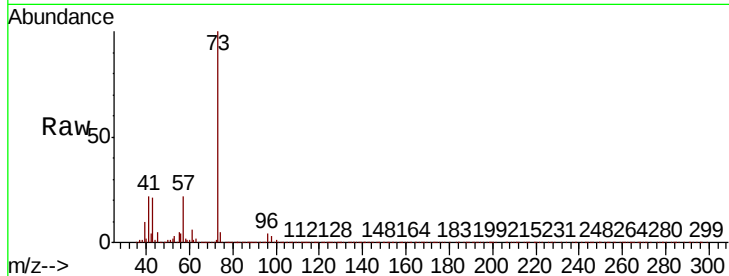
#19
Methvl tert-butvl Ether
Concen: 54.198 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1176431
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7

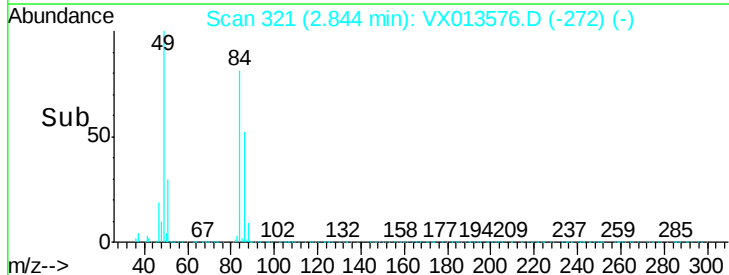
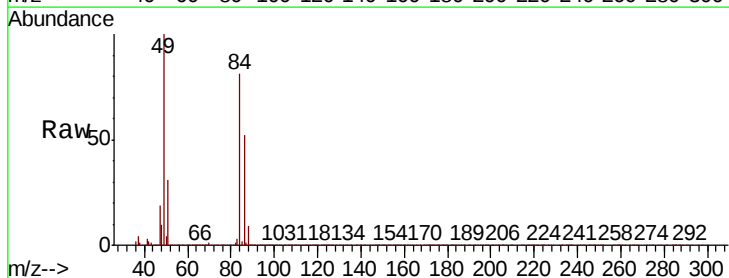
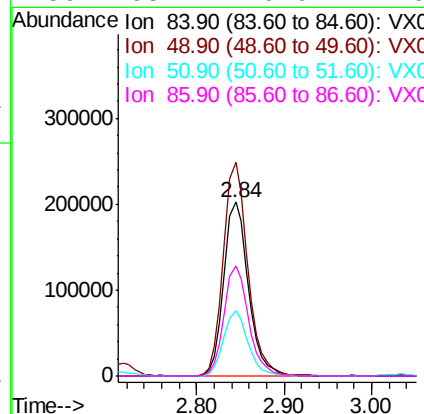
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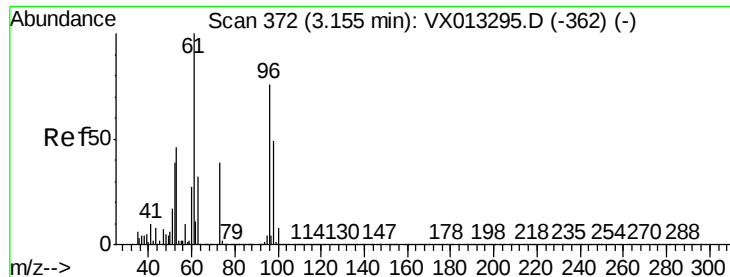
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#20
Methylene Chloride
Concen: 51.100 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 84 Resp: 395824
Ion Ratio Lower Upper
84 100
49 122.9 98.2 147.4
51 37.3 29.9 44.9
86 63.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.406 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013576.D

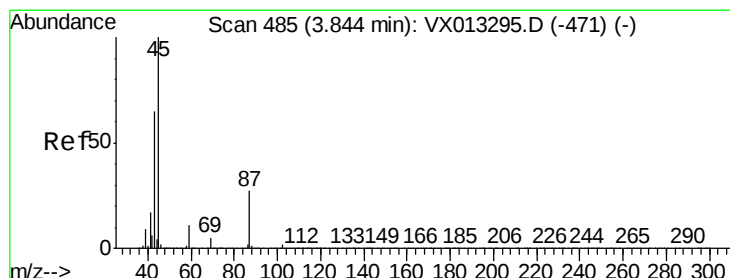
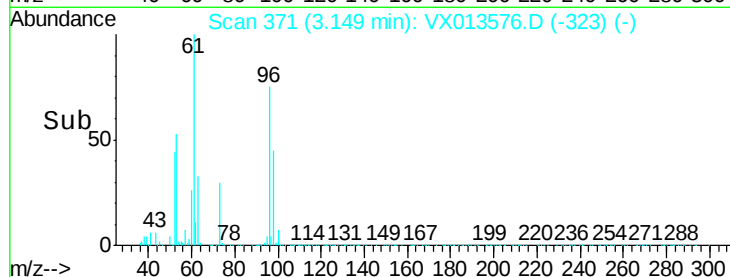
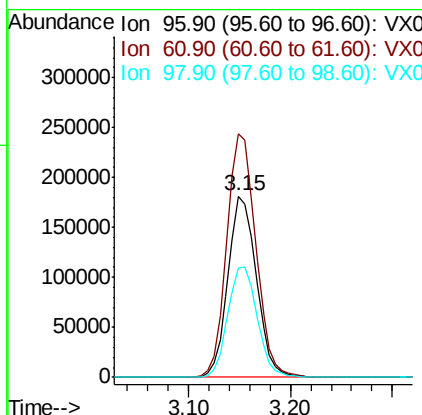
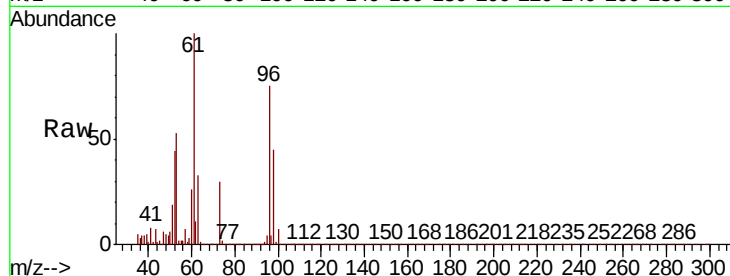
Acq: 25 Nov 2019 12:42

Tot Ion:	96	Resp:	350086
Ion	Ratio	Lower	Upper
96	100		
61	134.3	105.8	158.6
98	60.0	51.8	77.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#22

Diisopropyl ether

Concen: 55.821 ug/l

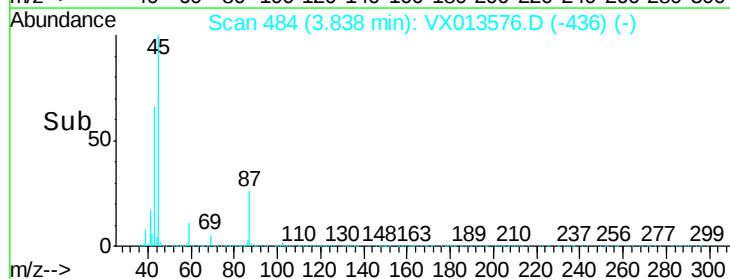
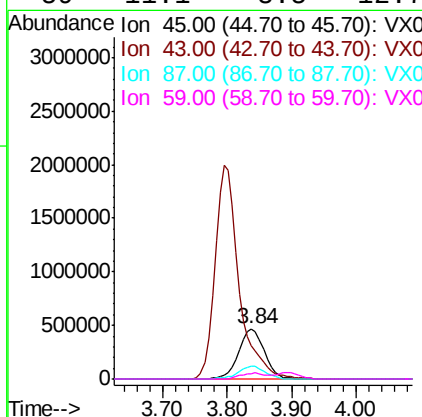
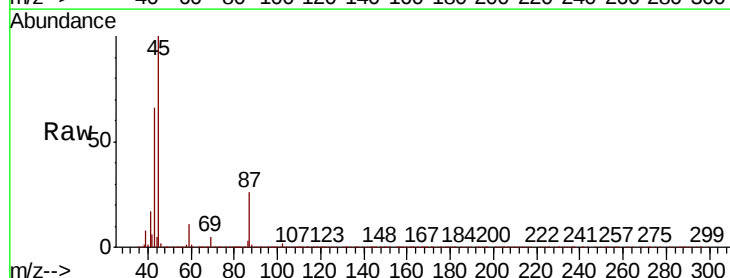
RT: 3.84 min Scan# 484

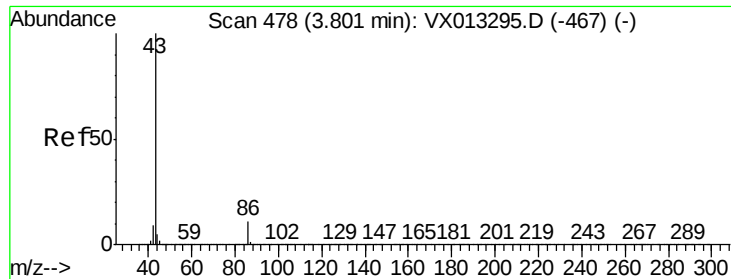
Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion:	45	Resp:	1274332
Ion	Ratio	Lower	Upper
45	100		
43	66.4	54.2	81.2
87	26.3	21.8	32.8
59	11.1	8.5	12.7





#23

Vinyl Acetate

Concen: 266.263 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 5201349

Ion Ratio Lower Upper

43 100

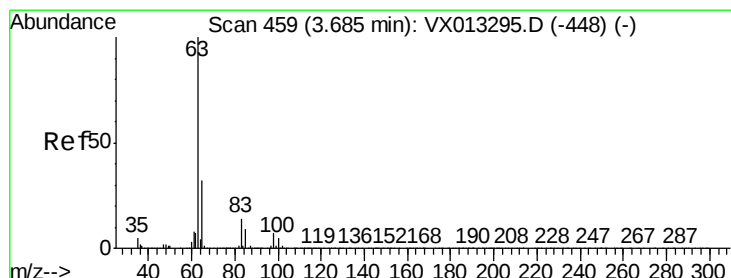
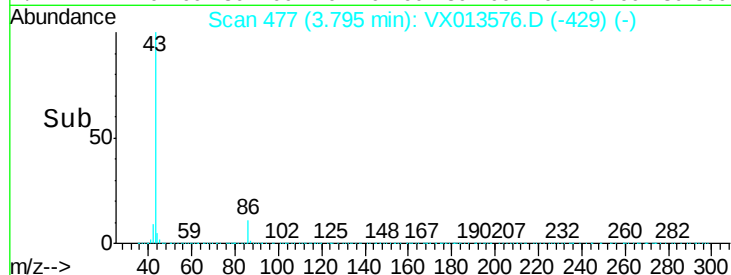
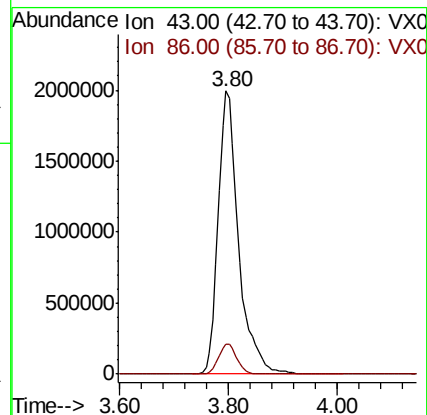
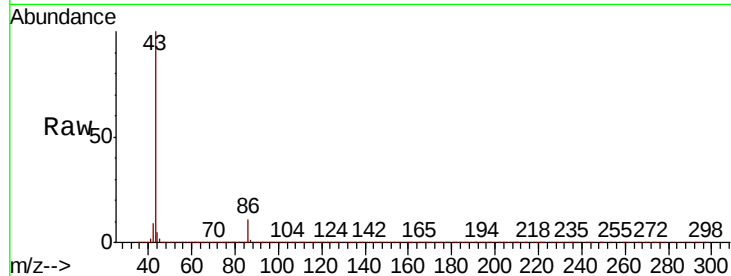
86 10.6 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 52.856 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

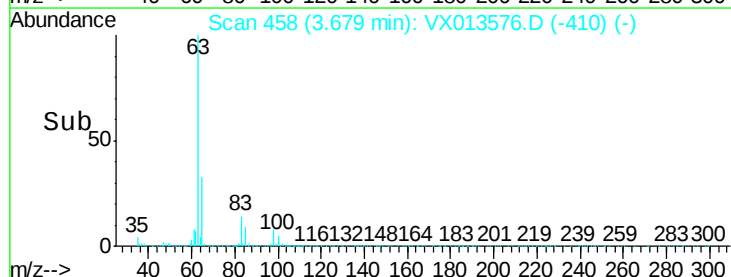
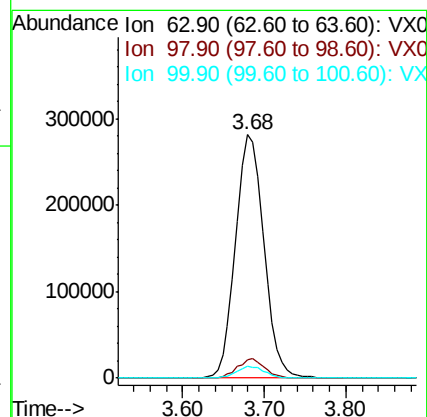
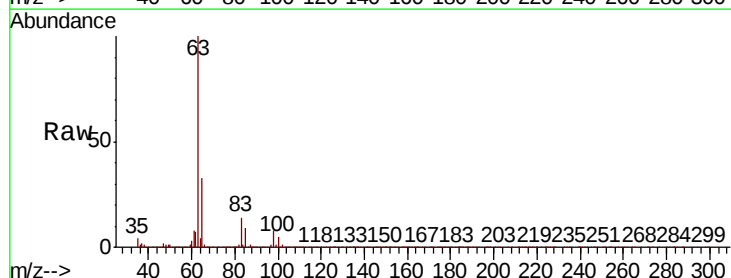
Tgt Ion: 63 Resp: 675002

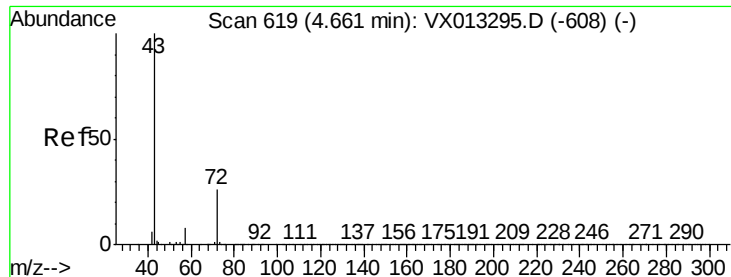
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 254.492 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1565213

Ion Ratio Lower Upper

43 100

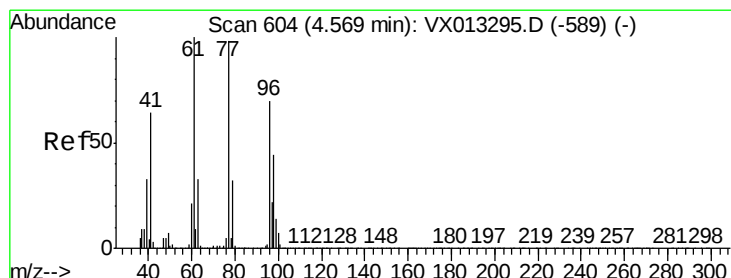
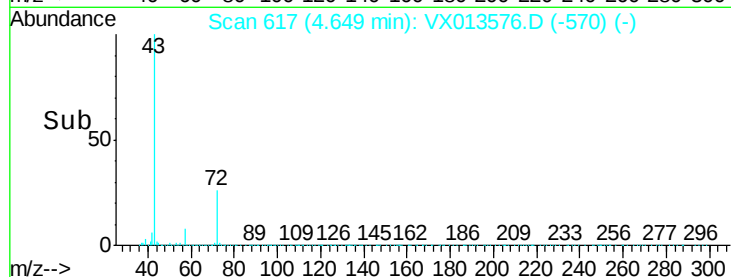
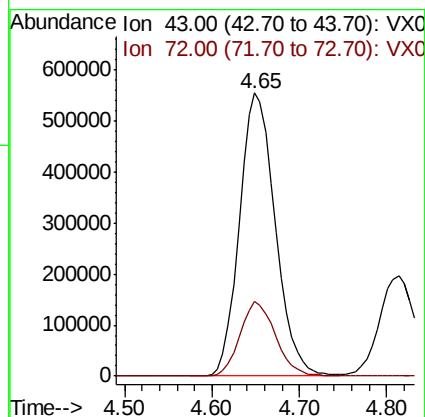
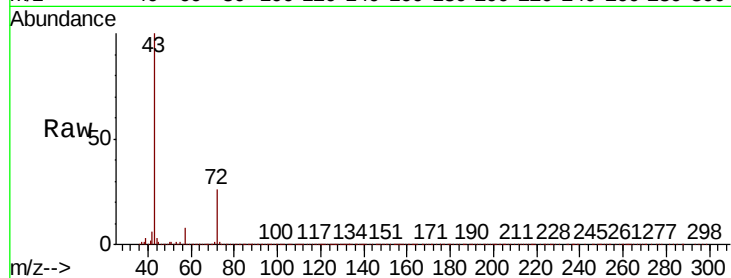
72 26.2 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.689 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013576.D

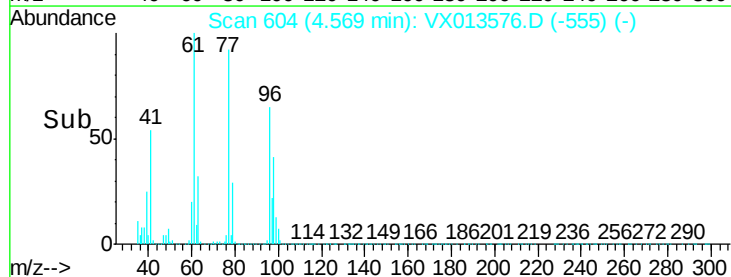
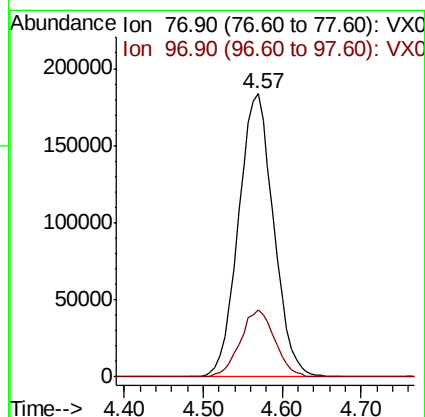
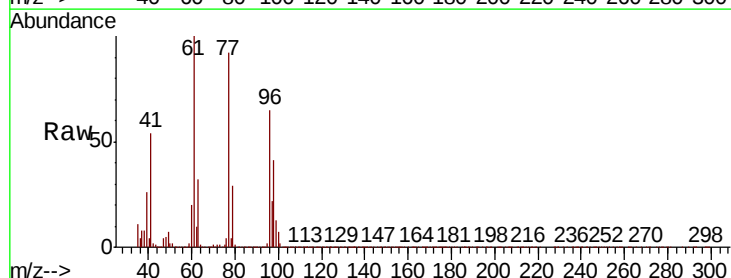
Acq: 25 Nov 2019 12:42

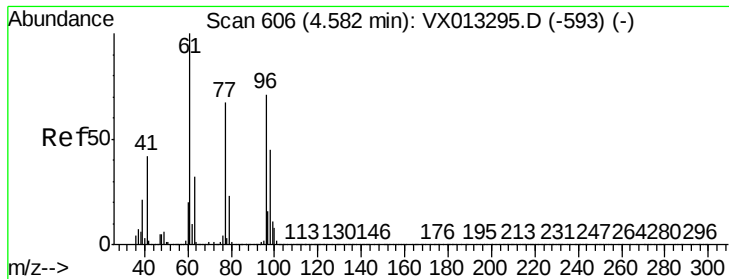
Tgt Ion: 77 Resp: 565762

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8





#27

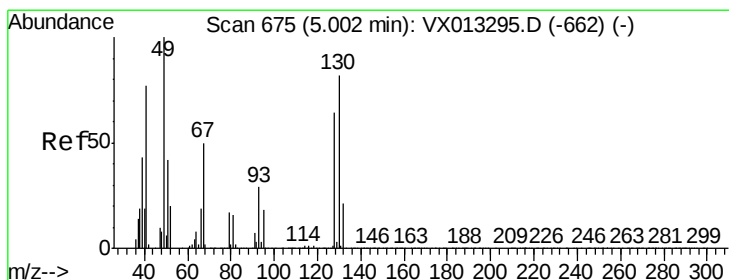
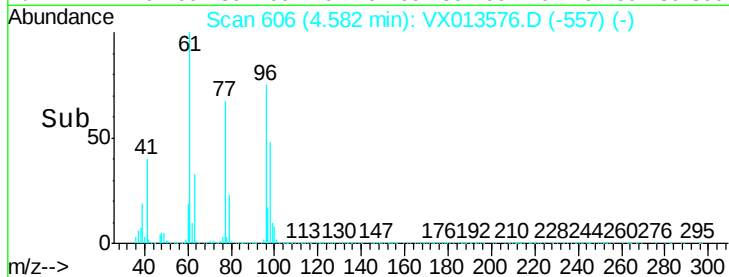
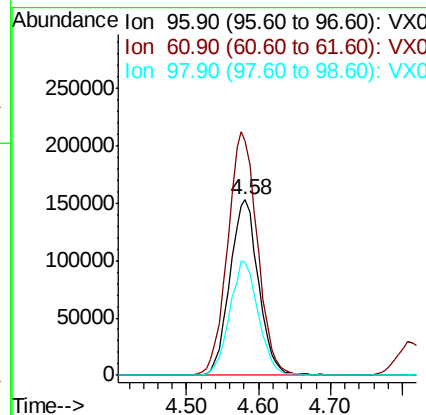
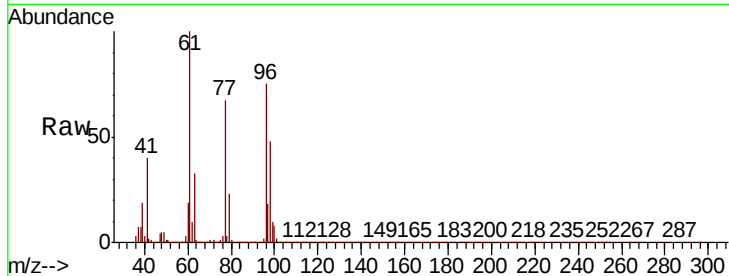
cis-1,2-Dichloroethene
Concen: 53.220 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	288.0
98	65.1	0.0	129.6

Manual Integrations
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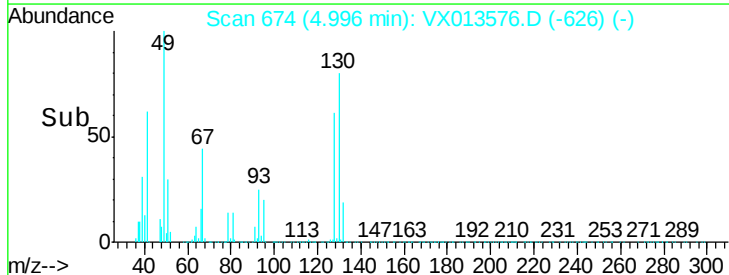
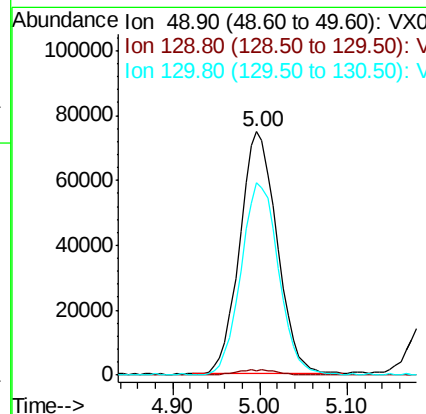
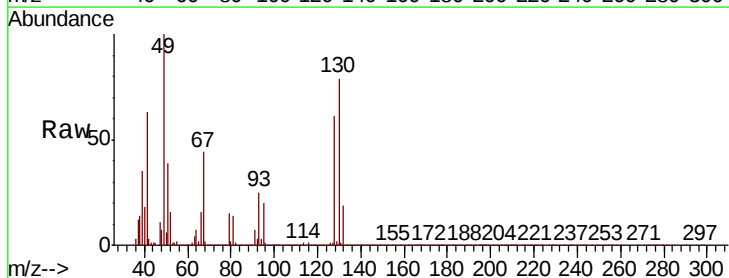
apatel
11/27/2019 11:34:13 AM

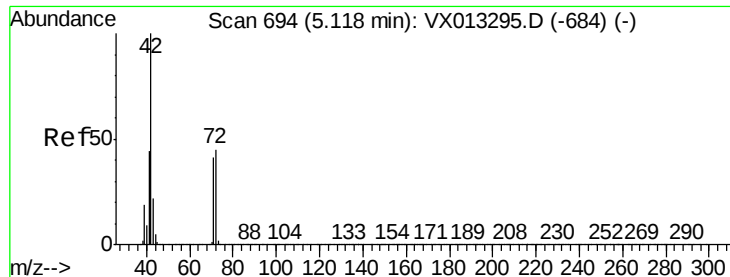


#28

Bromochloromethane
Concen: 61.182 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	79.4	63.8	95.6





#29

Tetrahydrofuran

Concen: 251.990 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

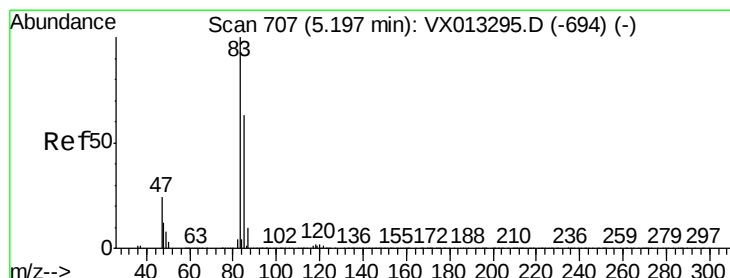
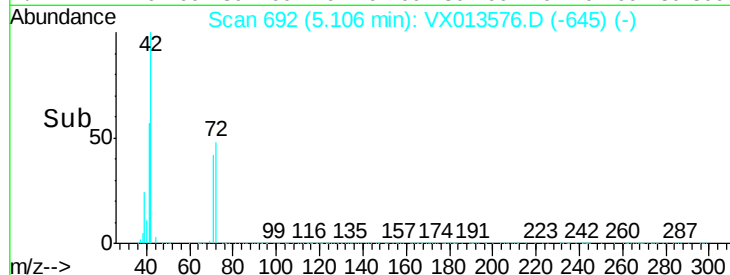
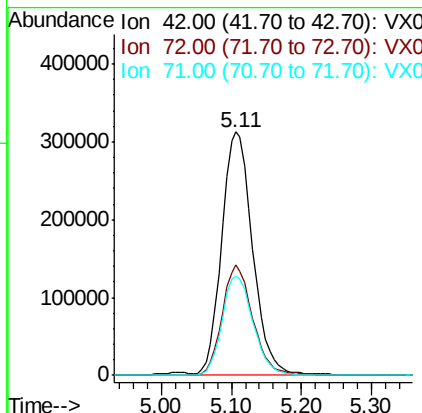
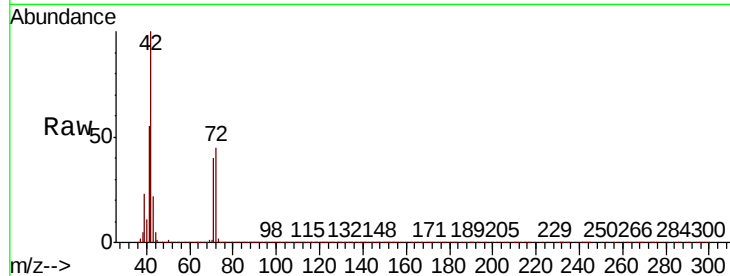
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	955065
Ion Ratio		Lower	Upper
42	100		
72	44.7	35.8	53.8
71	41.1	33.4	50.0

Manual Integrations
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#30

Chloroform

Concen: 52.333 ug/l

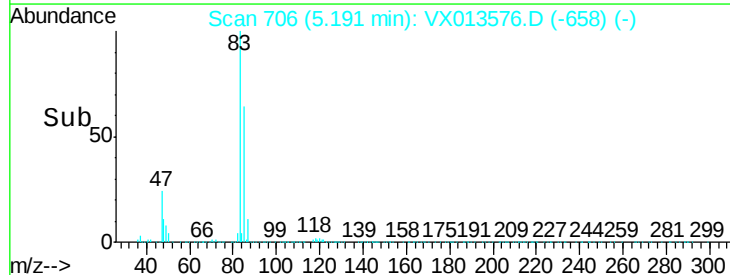
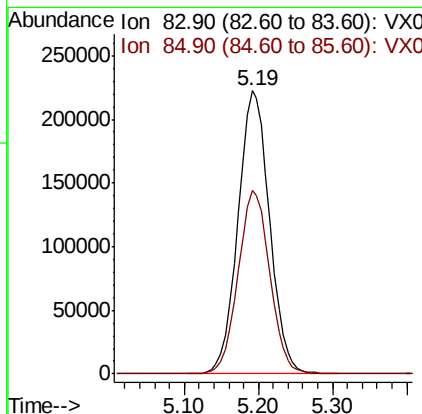
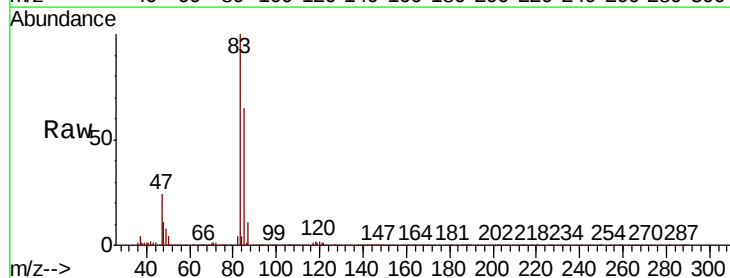
RT: 5.19 min Scan# 706

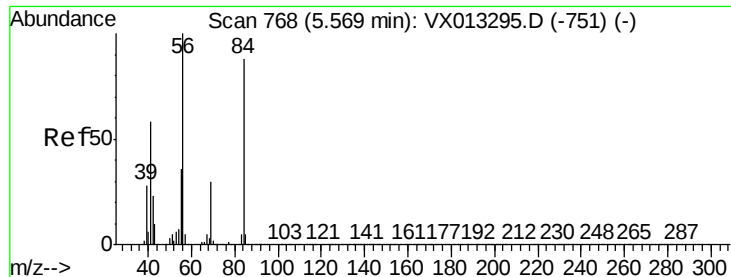
Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion:	83	Resp:	659939
Ion Ratio		Lower	Upper
83	100		
85	64.8	50.2	75.4





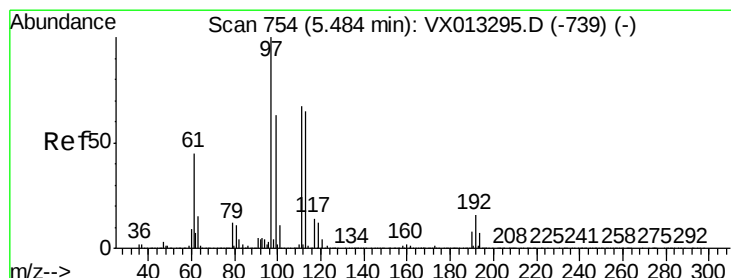
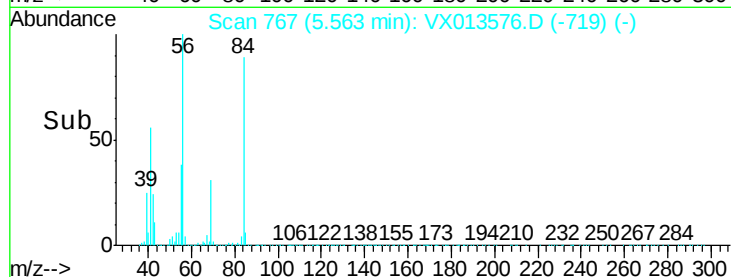
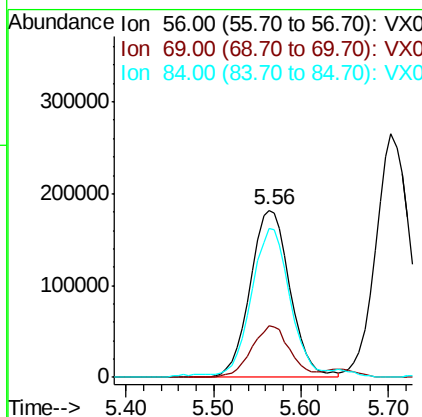
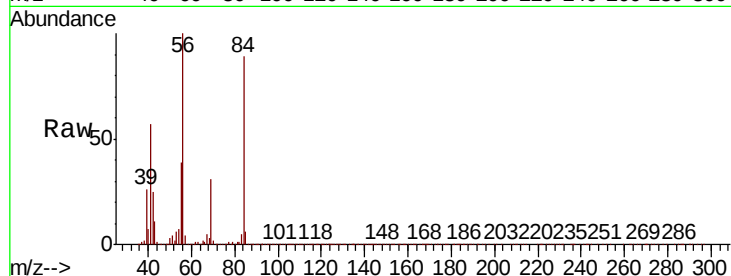
#31
Cyclohexane
Concen: 50.092 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.7	35.5
84	87.9	70.6	105.8

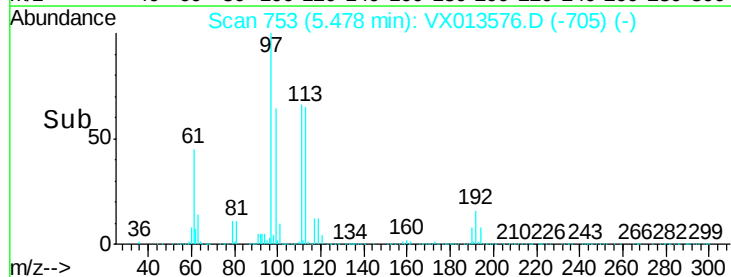
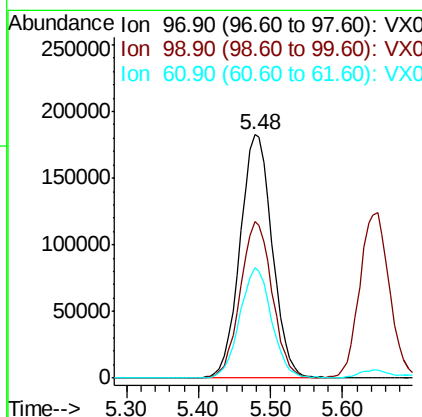
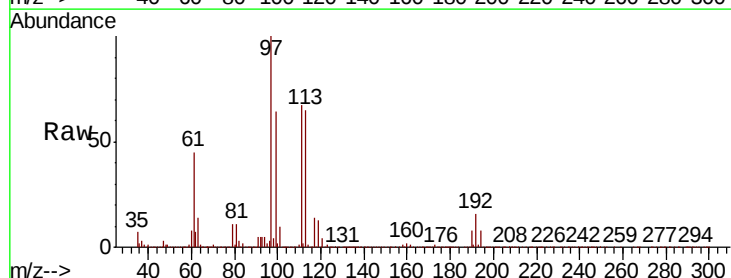
Manual Integrations
APPROVED

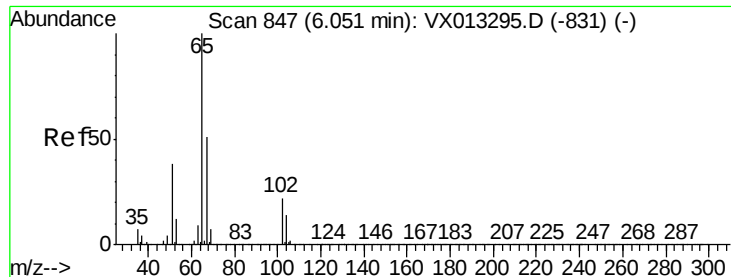
apatel
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#32
1,1,1-Trichloroethane
Concen: 52.180 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.1	76.7
61	44.4	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 50.022 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 420443

Ion Ratio Lower Upper

65 100

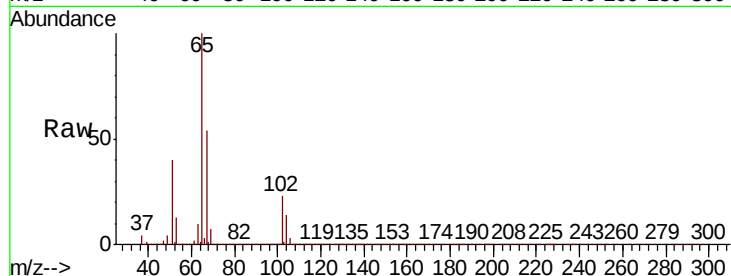
67 53.6 0.0 104.2

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

6.04

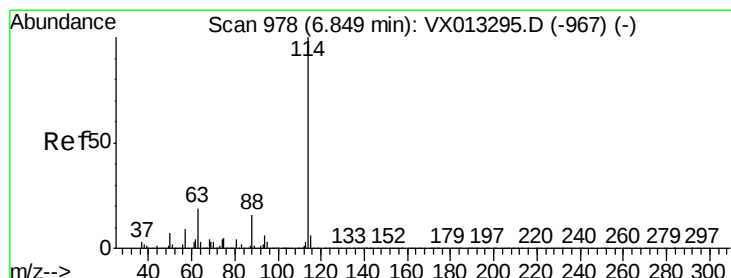
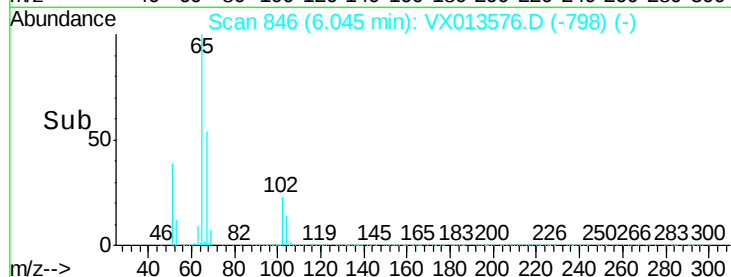
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

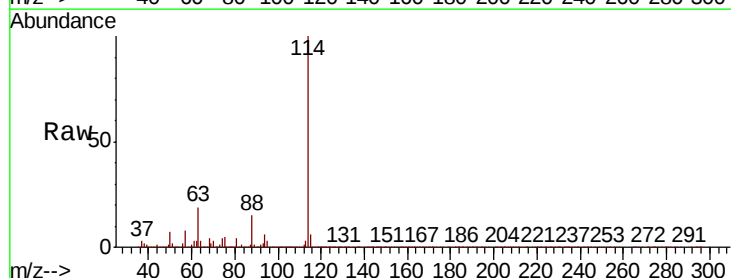
Tgt Ion: 114 Resp: 1063766

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.0 0.0 32.2



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

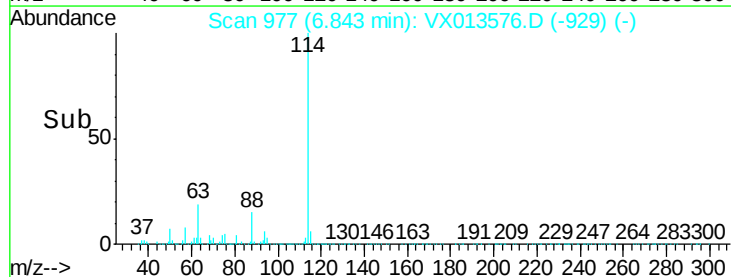
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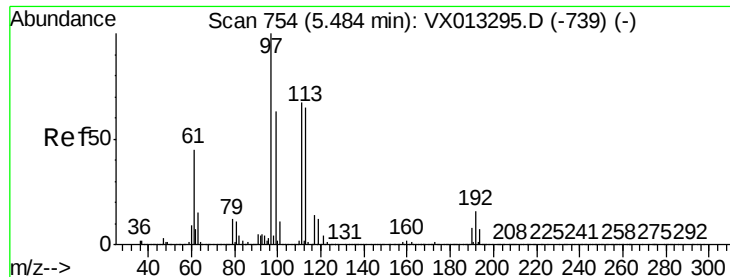
200000

100000

0

Time-->





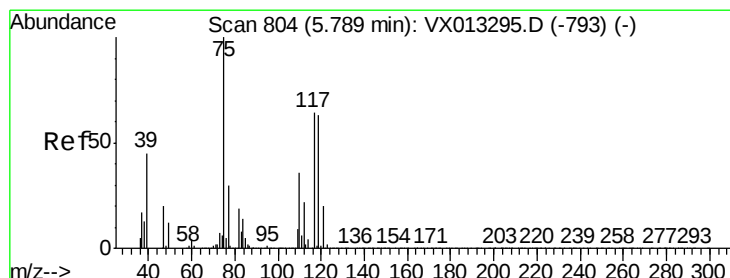
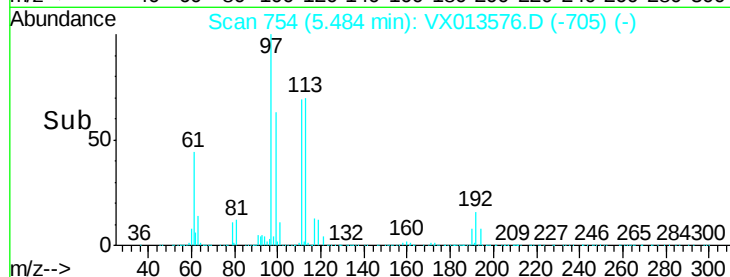
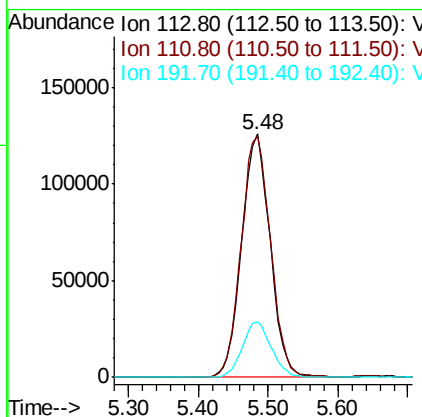
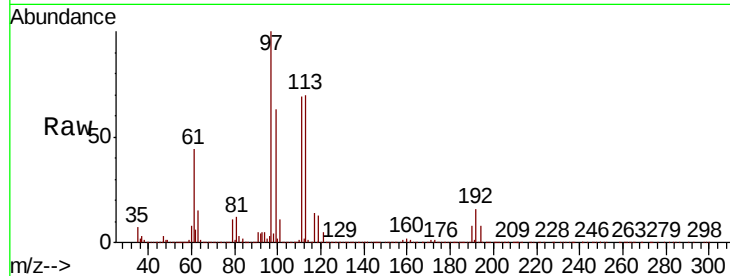
#35
Dibromofluoromethane
Concen: 53.499 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	356951		
111	101.8	81.9	122.9	
192	23.5	19.1	28.7	

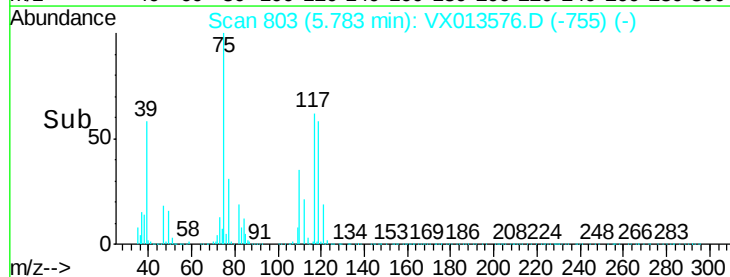
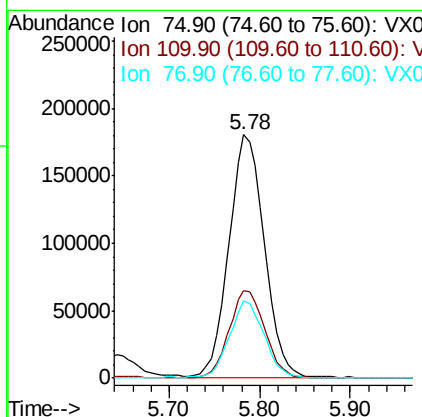
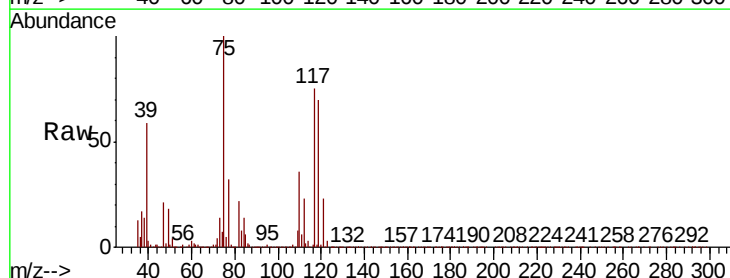
Manual Integrations
APPROVED

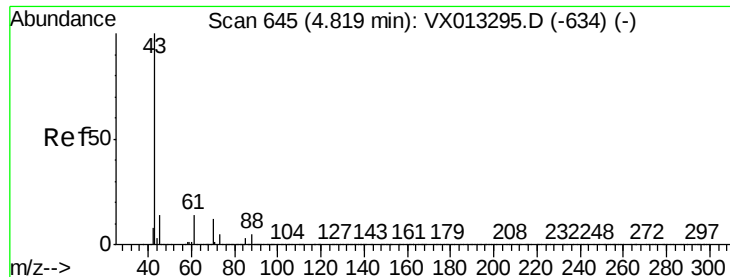
apatel
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#36
1,1-Dichloropropene
Concen: 53.373 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	487073		
110	36.4	18.1	54.1	
77	30.8	25.0	37.4	





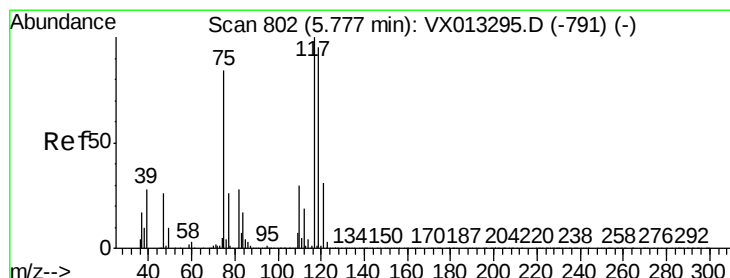
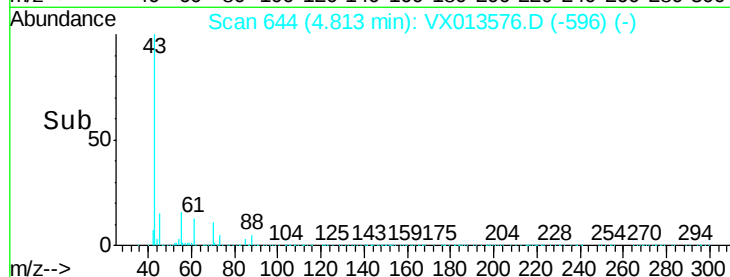
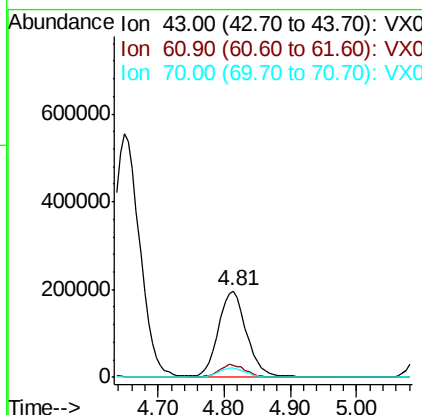
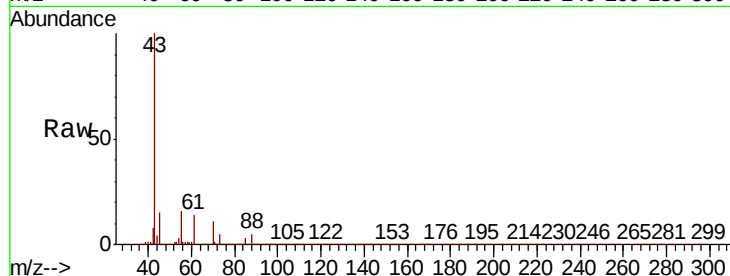
#37
Ethyl Acetate
Concen: 51.108 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.7	16.1
70	11.1	8.7	13.1

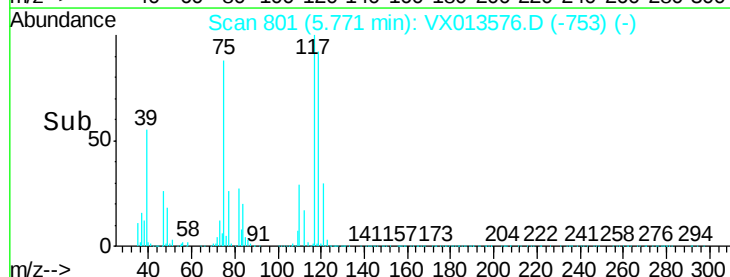
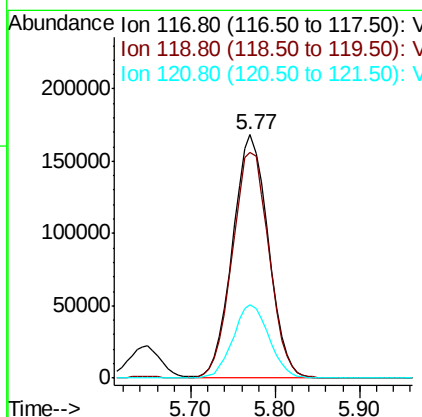
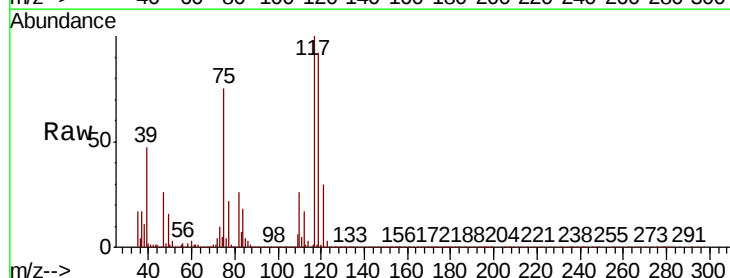
Manual Integrations
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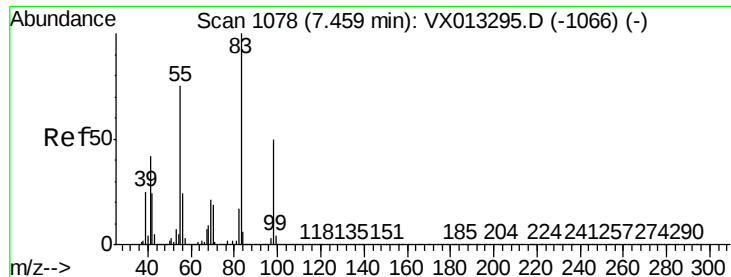
apatel
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#38
Carbon Tetrachloride
Concen: 54.036 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.1	114.1
121	30.1	24.6	37.0





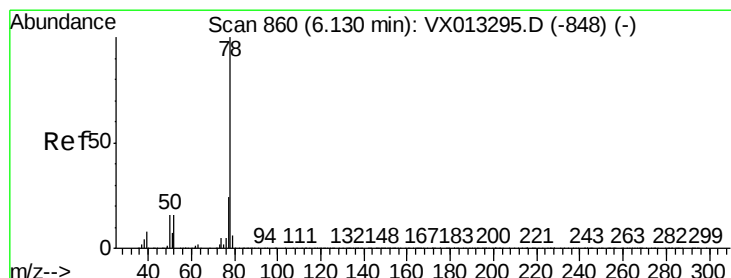
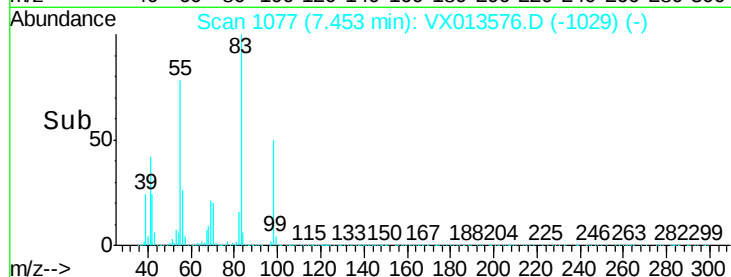
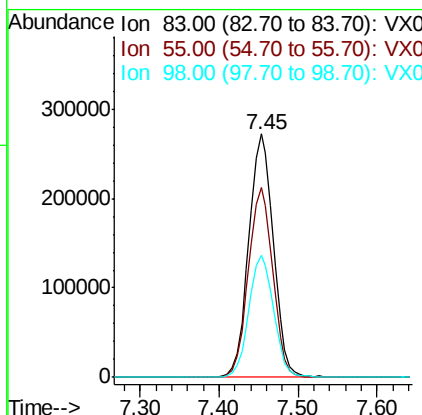
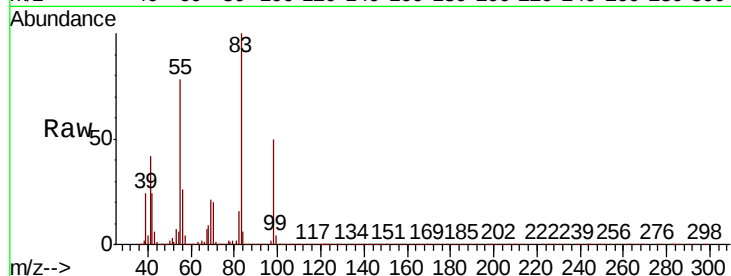
#39
Methvlcvclohexane
Concen: 51.983 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	60.3	90.5
98	50.1	40.3	60.5

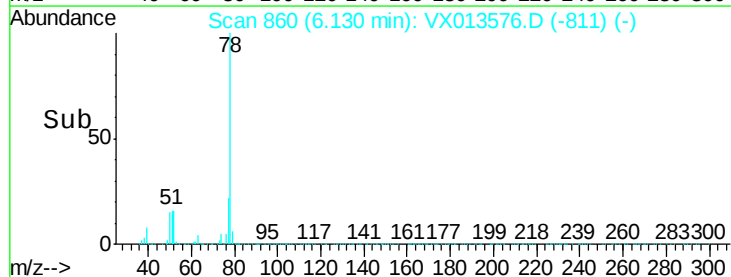
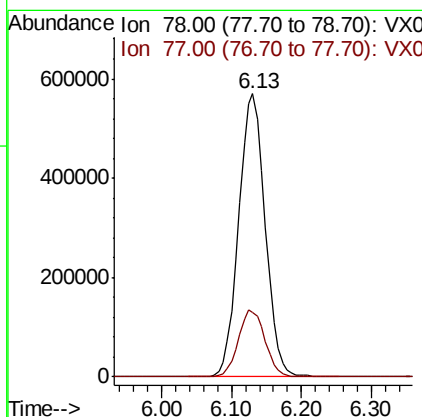
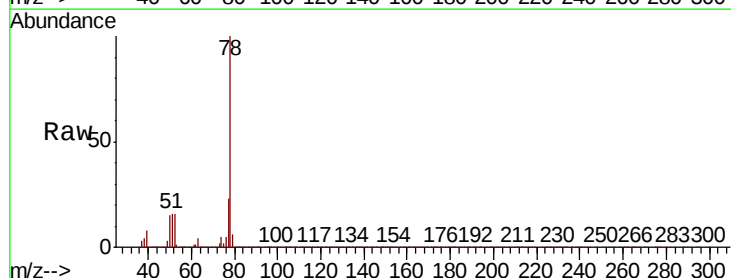
Manual Integrations
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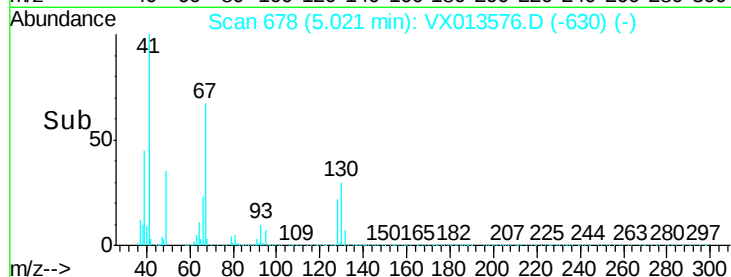
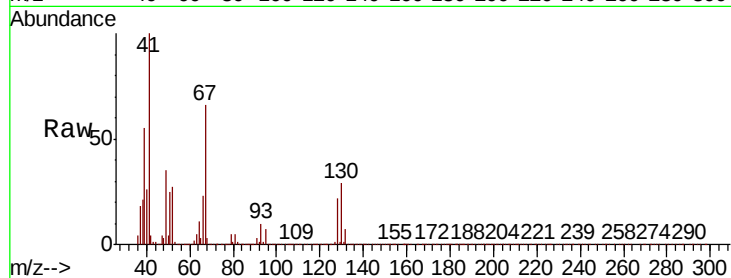
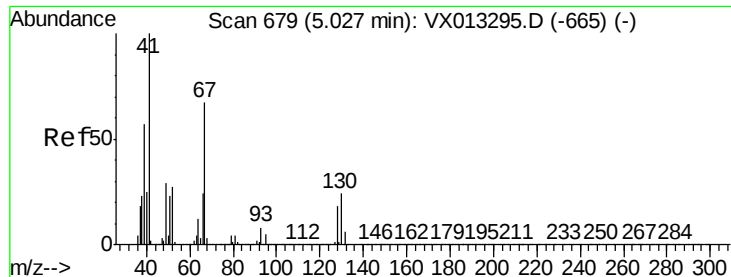
apatel
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#40
Benzene
Concen: 52.666 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.5	29.3





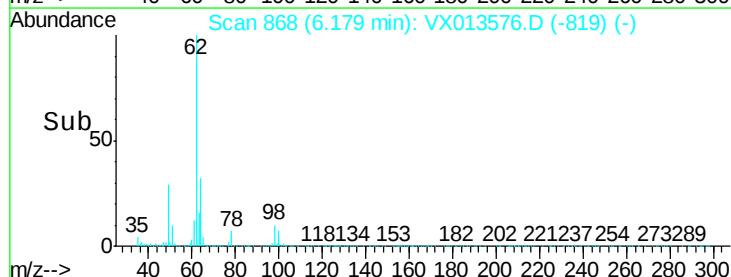
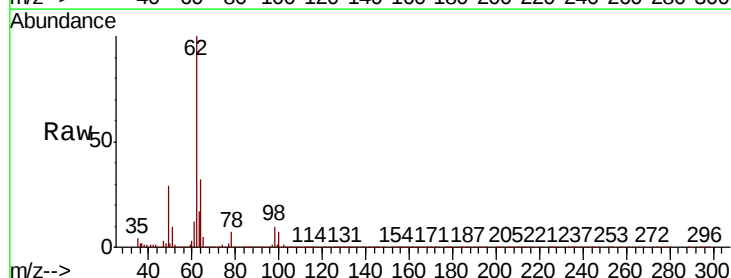
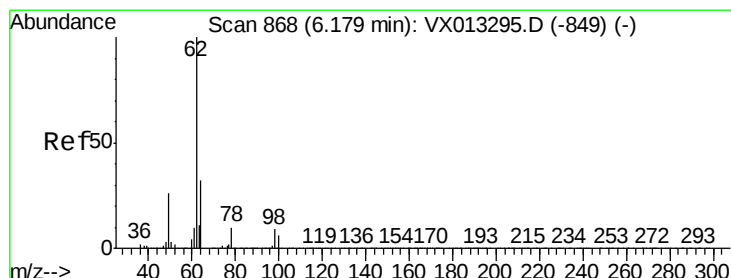
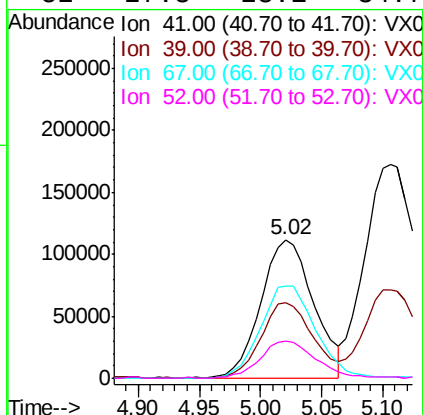
#41
Methacrylonitrile
Concen: 52.757 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100			
39	39	53.6	45.0	67.6	
67	67	69.5	55.4	83.2	
52	52	27.3	23.1	34.7	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

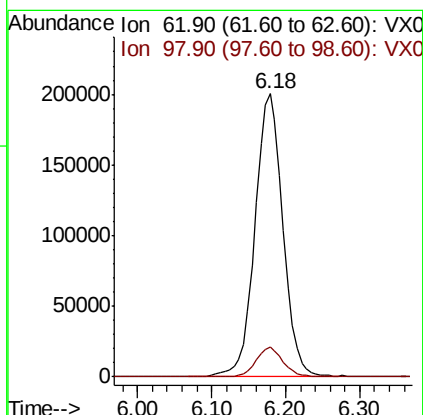
Manual Integrations
APPROVED

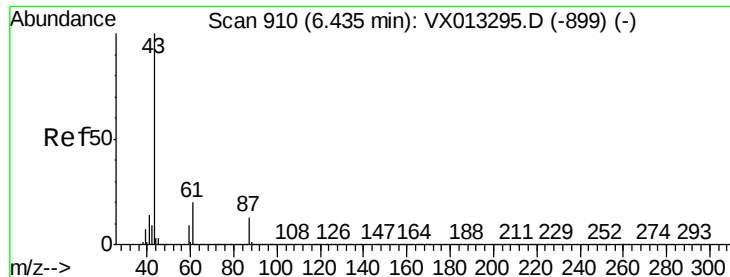
apatel
11/27/2019 11:34:13 AM



#42
1,2-Dichloroethane
Concen: 51.398 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100			
98	98	10.2	0.0	19.4	





#43

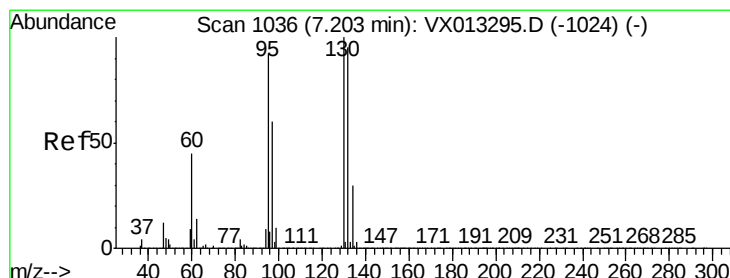
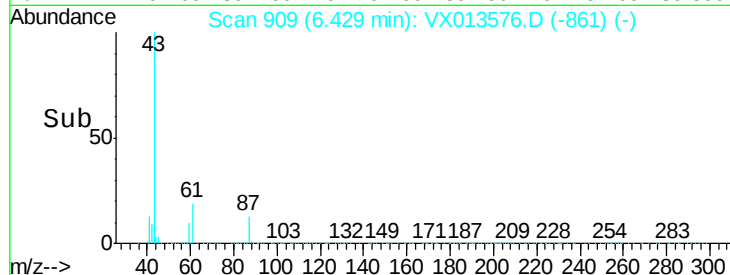
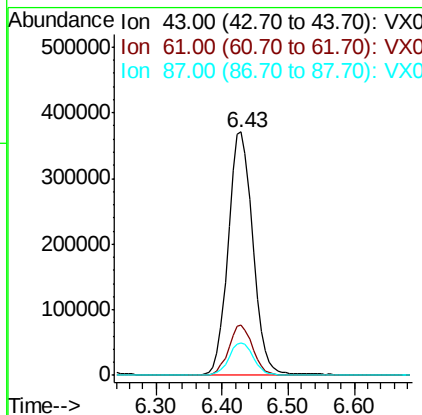
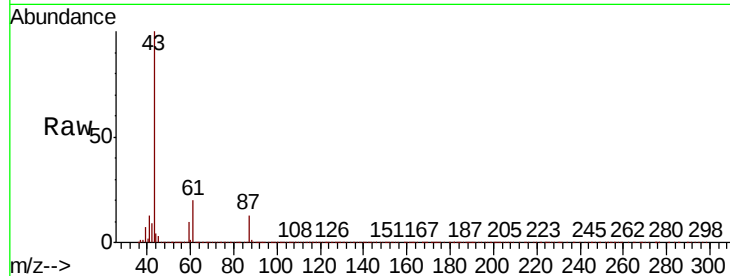
Isopropyl Acetate
 Concen: 54.242 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.8	23.8
87	13.3	10.4	15.6

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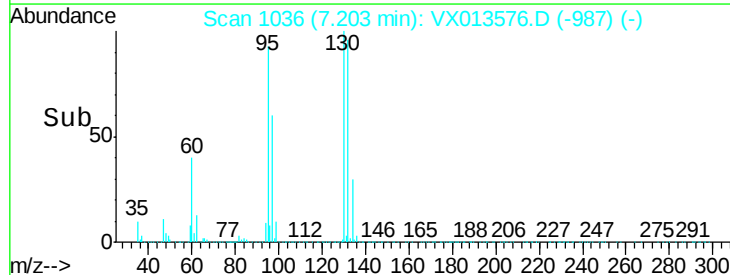
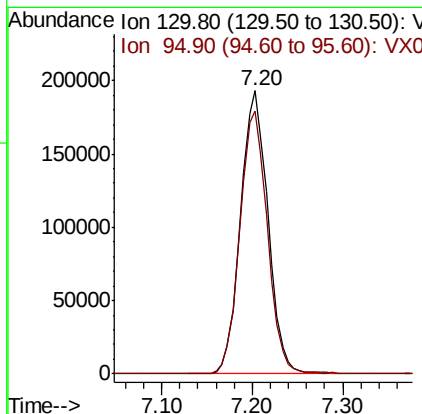
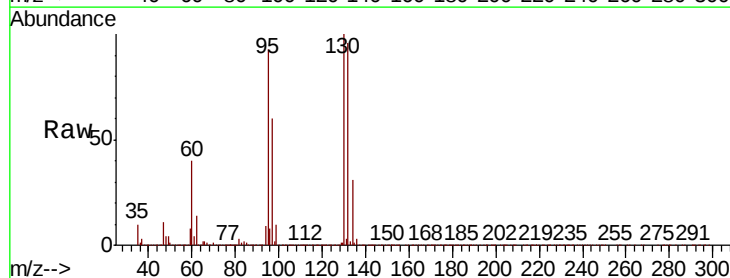
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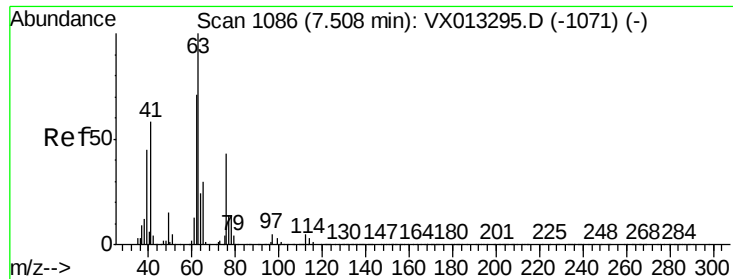


#44

Trichloroethene
 Concen: 51.748 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	184.8





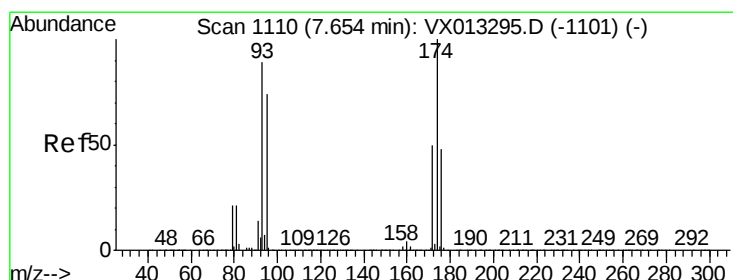
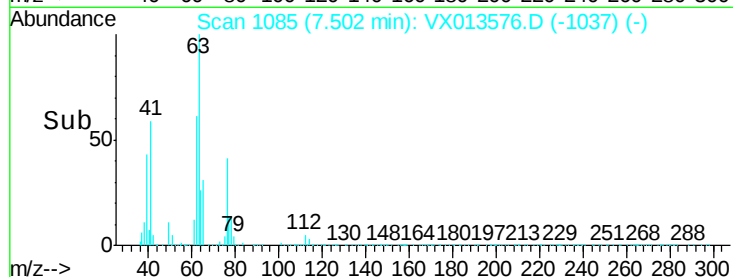
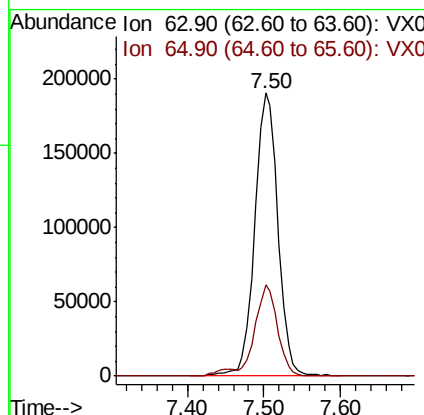
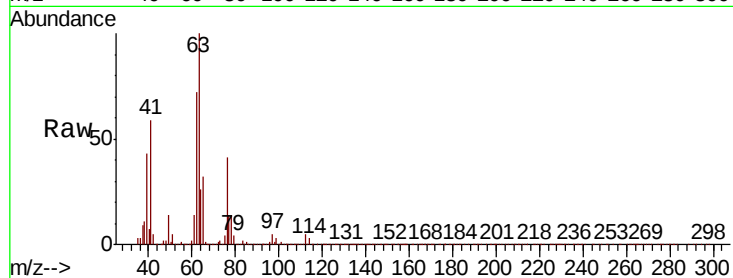
#45
 1,2-Dichloropropane
 Concen: 55.350 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.3	36.5

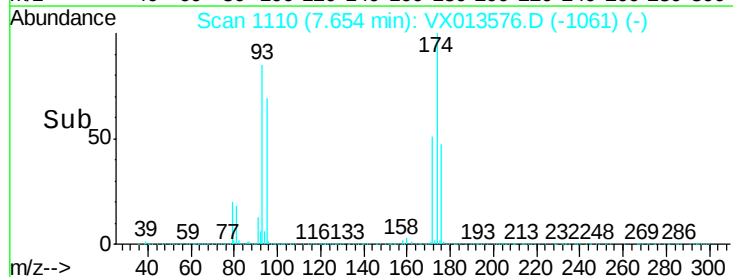
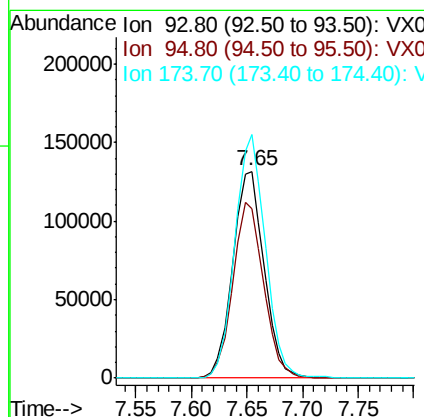
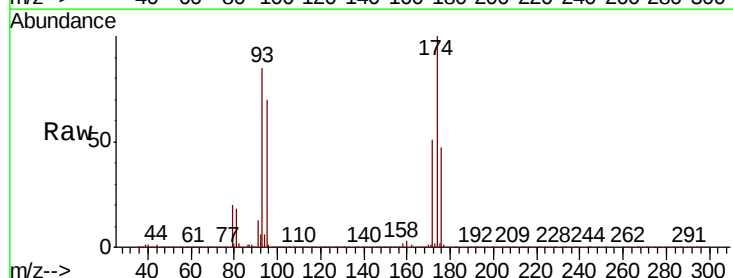
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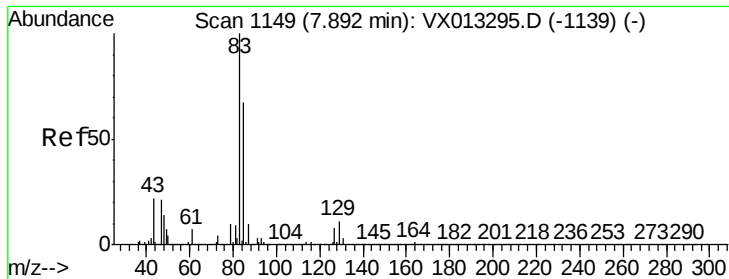
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#46
 Dibromomethane
 Concen: 51.928 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.8	98.6
174	115.1	90.4	135.6





#47

Bromodichloromethane

Concen: 56.693 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

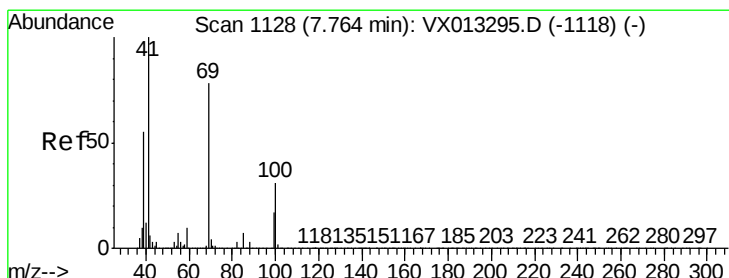
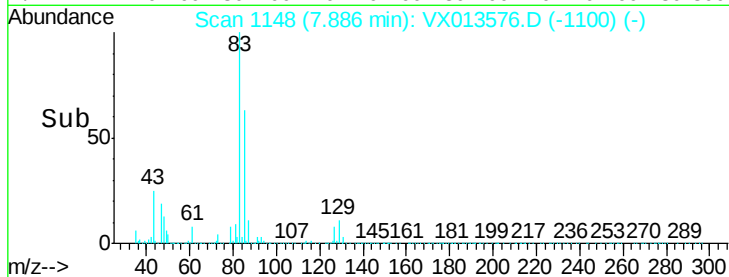
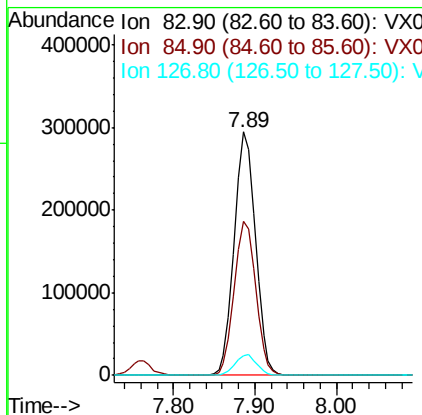
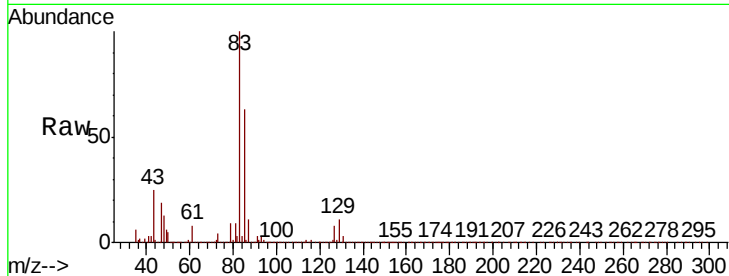
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	528683
Ion Ratio	Lower	Upper	
83	100		
85	63.1	53.7	80.5
127	8.3	6.4	9.6

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#48

Methyl methacrylate

Concen: 54.233 ug/l

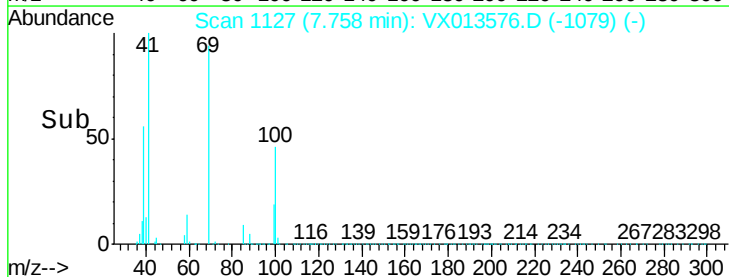
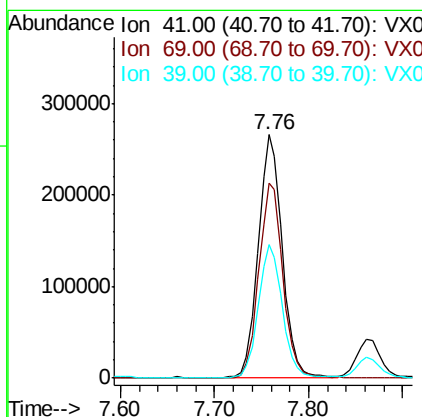
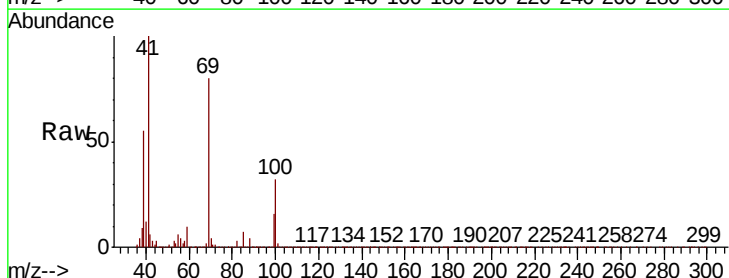
RT: 7.76 min Scan# 1127

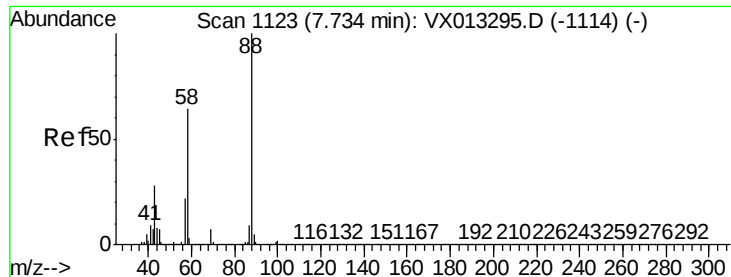
Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion	41	Resp	475362
Ion Ratio	Lower	Upper	
41	100		
69	80.4	63.0	94.6
39	55.0	45.9	68.9





#49

1,4-Dioxane

Concen: 846.100 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

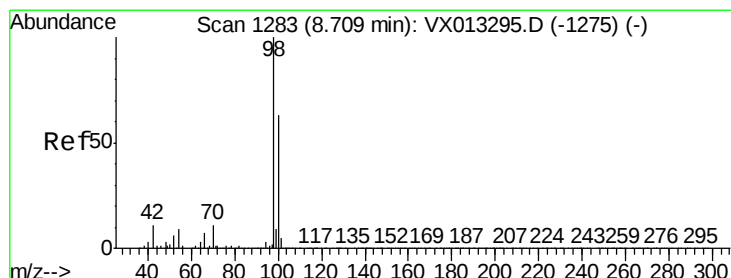
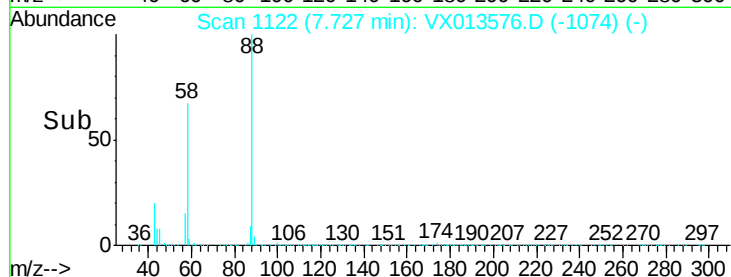
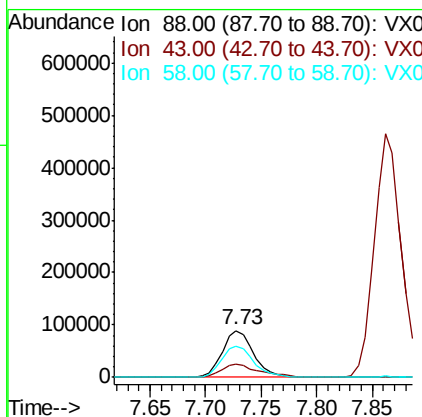
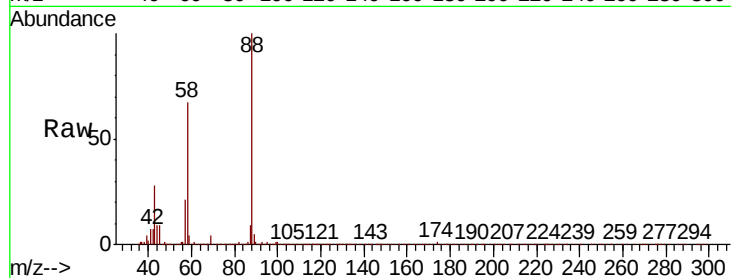
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	169841
Ion Ratio	Lower	Upper	
88	100		
43	33.6	26.6	39.8
58	71.0	55.0	82.6

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#50

Toluene-d8

Concen: 53.739 ug/l

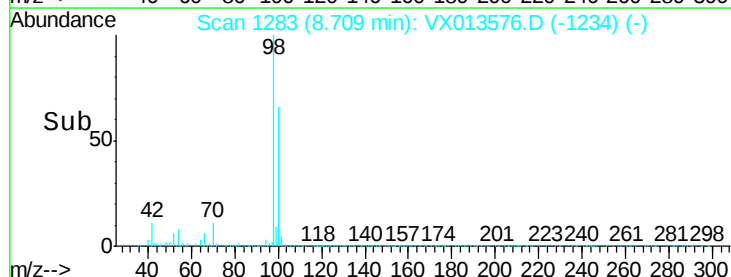
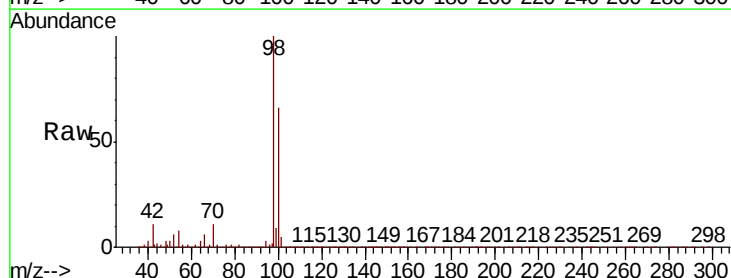
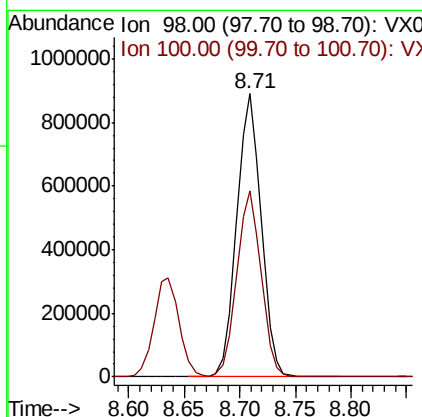
RT: 8.71 min Scan# 1283

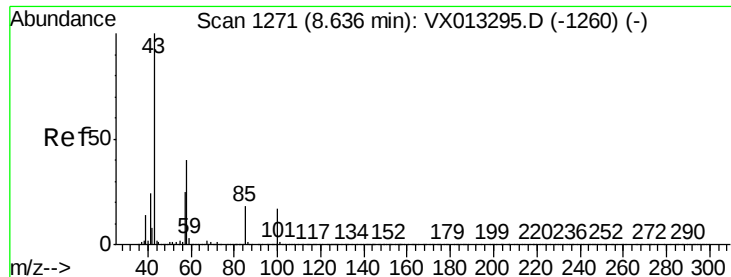
Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion:	98	Resp:	1351688
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 260.988 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3006712

Ion Ratio Lower Upper

43 100

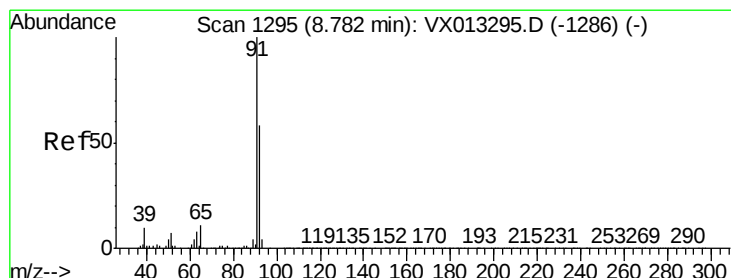
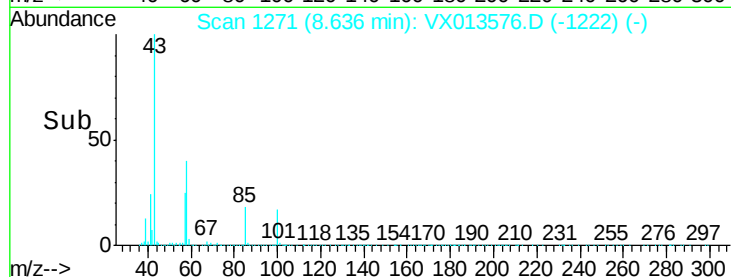
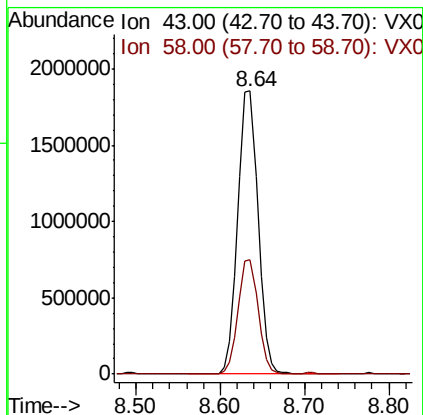
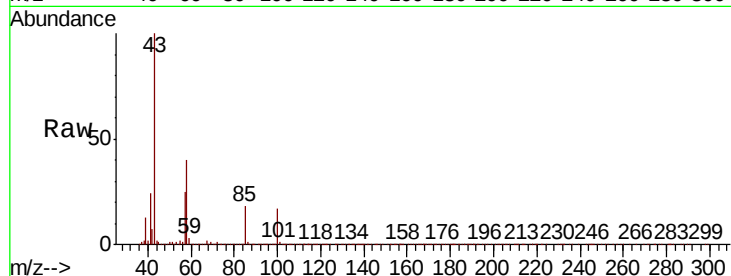
58 39.8 31.4 47.0

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#52

Toluene

Concen: 53.917 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013576.D

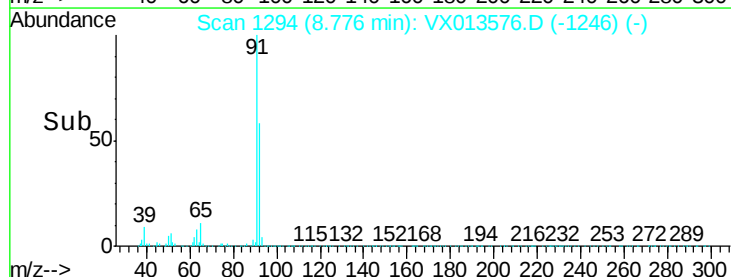
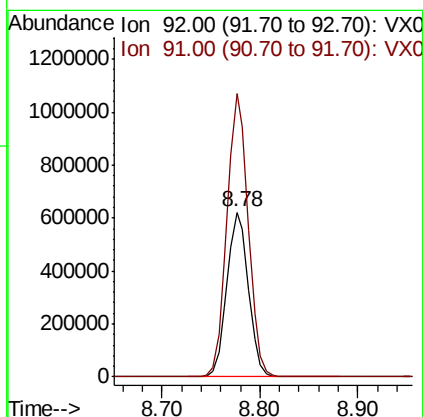
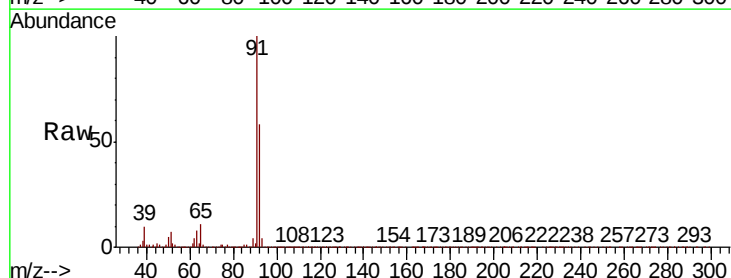
Acq: 25 Nov 2019 12:42

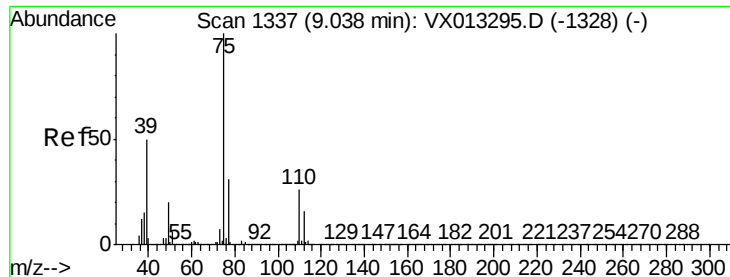
Tgt Ion: 92 Resp: 949934

Ion Ratio Lower Upper

92 100

91 169.9 138.0 207.0





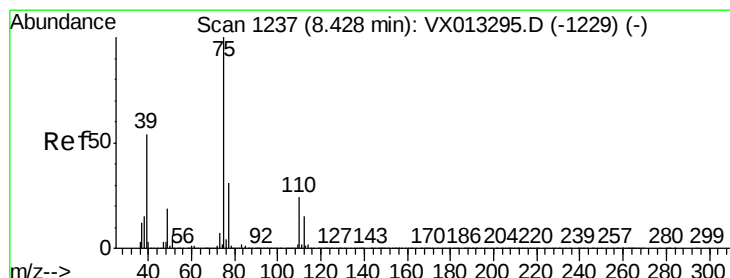
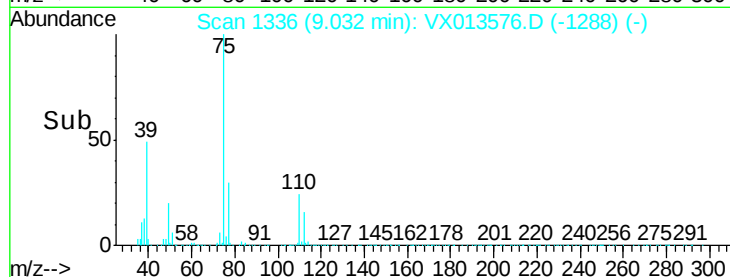
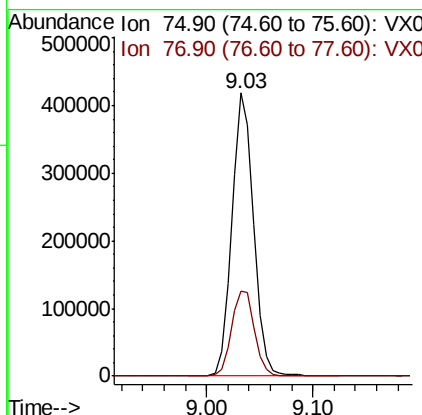
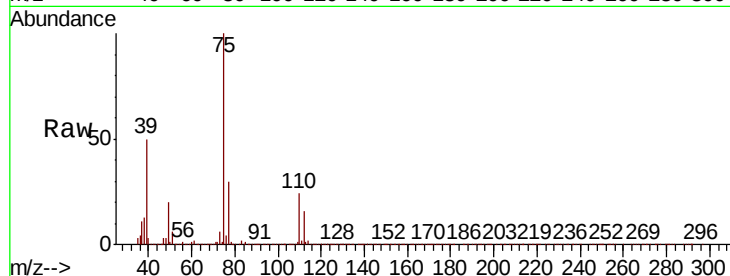
#53
t-1,3-Dichloropropene
Concen: 58.574 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 597289
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4

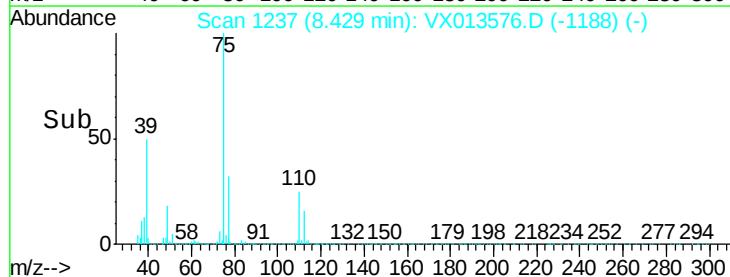
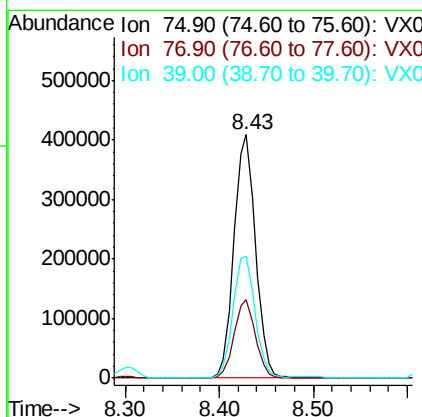
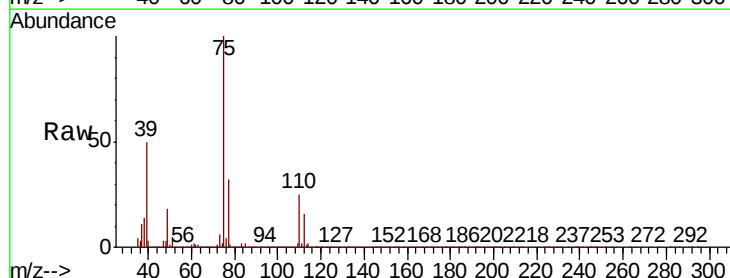
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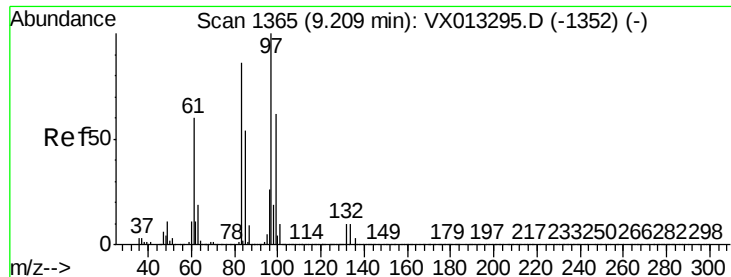
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#54
cis-1,3-Dichloropropene
Concen: 56.974 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 75 Resp: 649887
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1
39 50.1 43.0 64.6





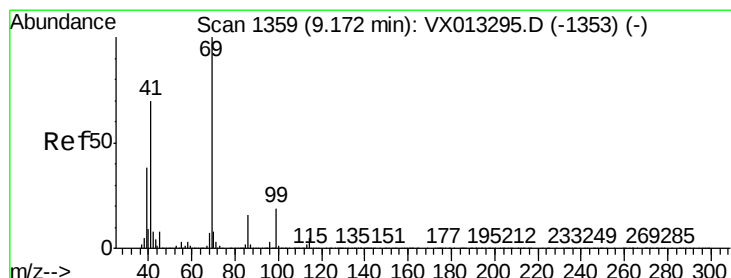
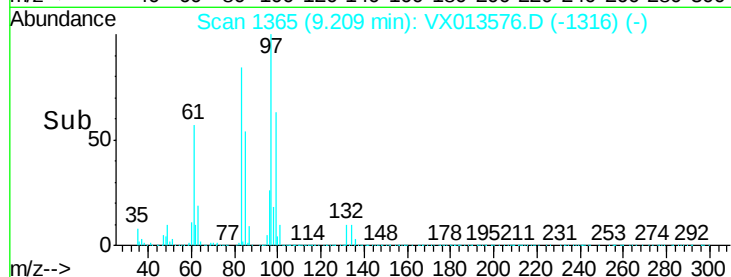
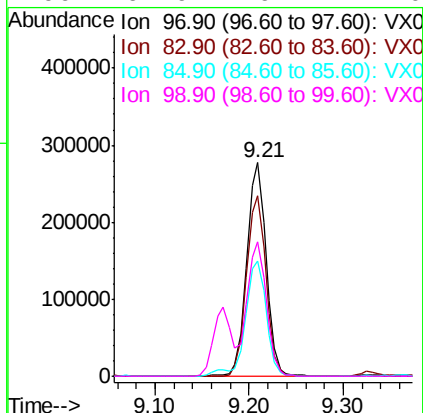
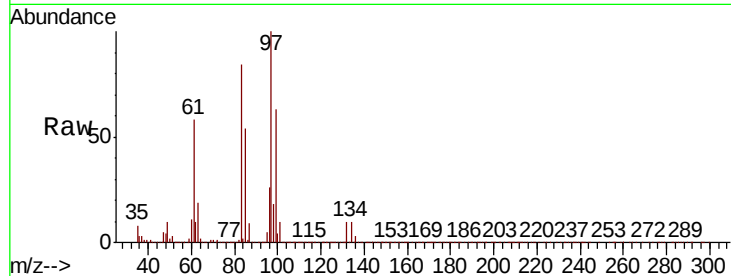
#55
 1,1,2-Trichloroethane
 Concen: 54.792 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		400133		
83	84.4	68.6	103.0		
85	54.1	43.1	64.7		
99	62.9	49.4	74.0		

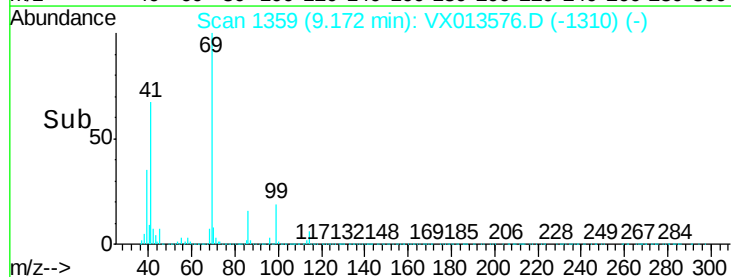
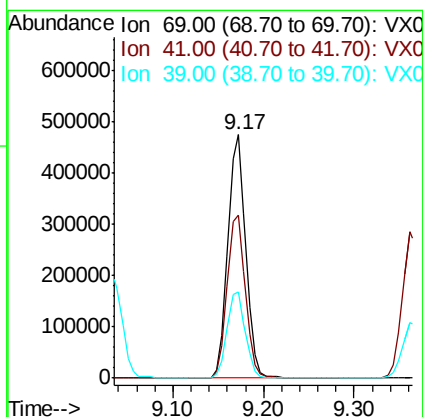
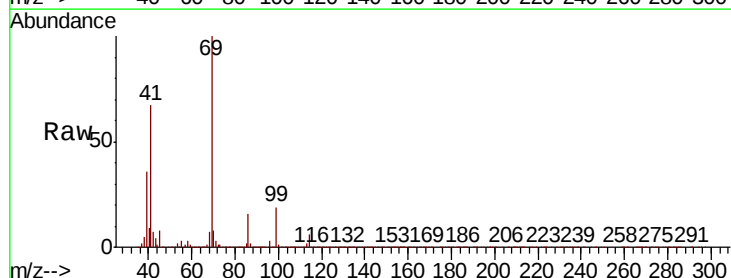
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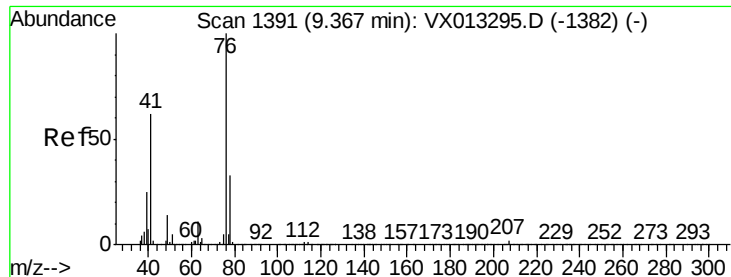
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#56
 Ethyl methacrylate
 Concen: 51.851 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		647182		
41	68.6	56.2	84.2		
39	36.2	31.1	46.7		





#57

1,3-Dichloropropane

Concen: 53.959 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 668907

Ion Ratio Lower Upper

76 100

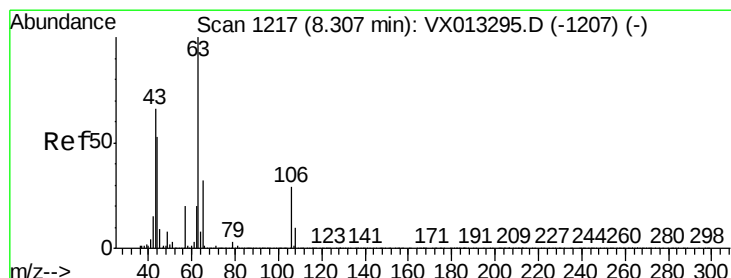
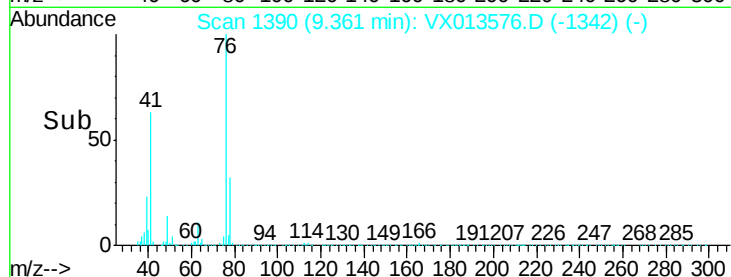
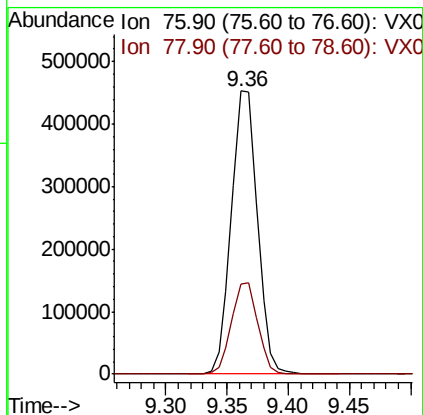
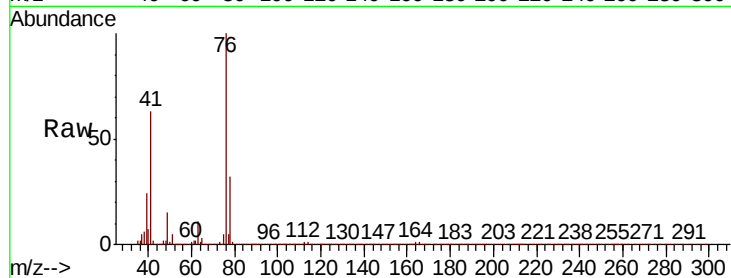
78 32.3 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 280.729 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013576.D

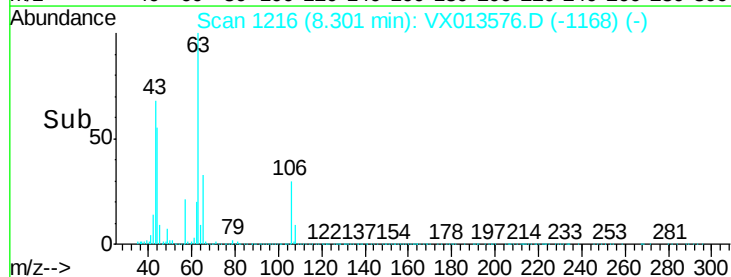
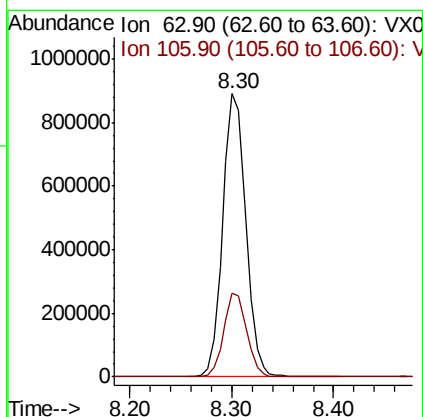
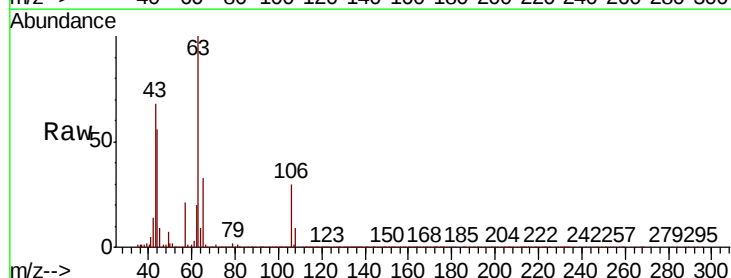
Acq: 25 Nov 2019 12:42

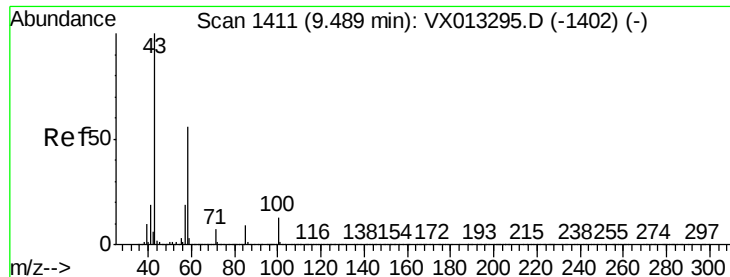
Tgt Ion: 63 Resp: 1401747

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.2





#59

2-Hexanone

Concen: 262.560 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2337514

Ion Ratio Lower Upper

43 100

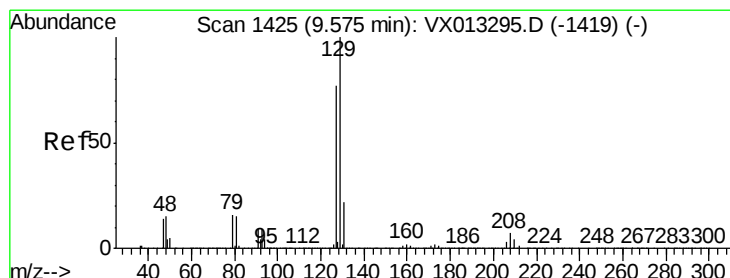
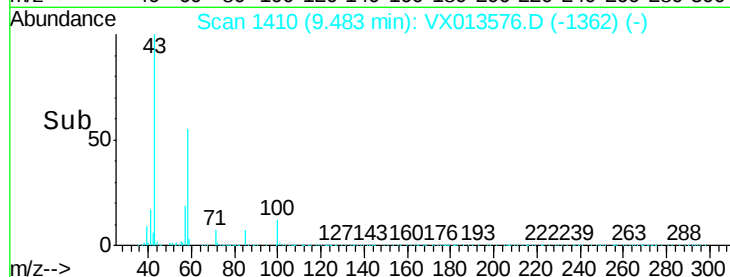
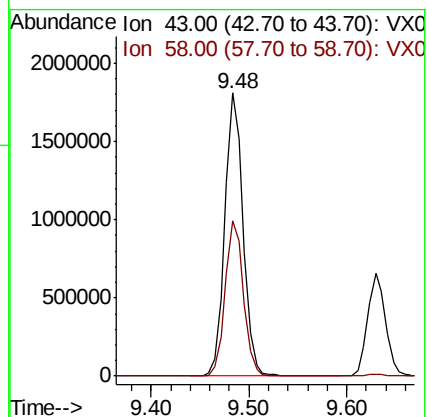
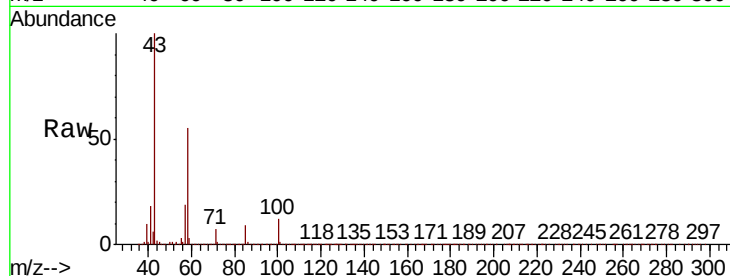
58 55.2 27.3 81.8

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#60

Dibromochloromethane

Concen: 57.512 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX013576.D

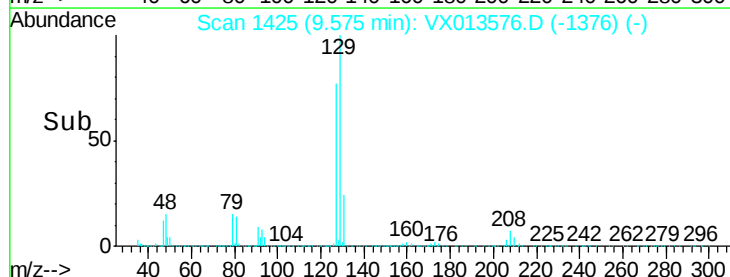
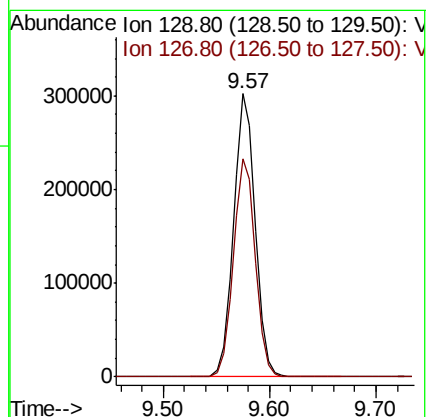
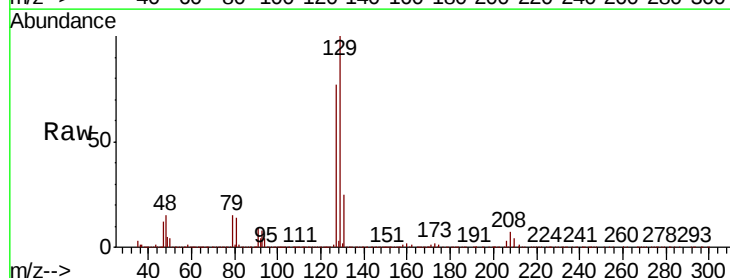
Acq: 25 Nov 2019 12:42

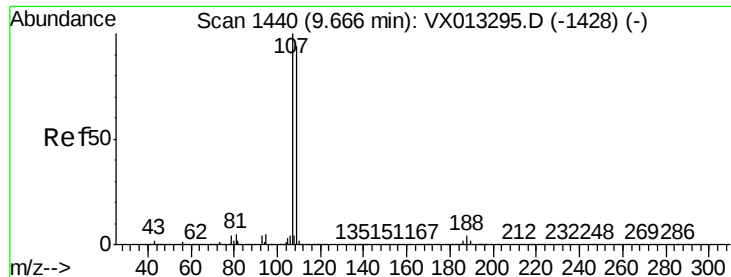
Tgt Ion: 129 Resp: 429540

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 53.010 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tot Ion: 107 Resp: 411071

Ion Ratio Lower Upper

107 100

109 93.8 75.1 112.7

Instrument :

MSVOA_X

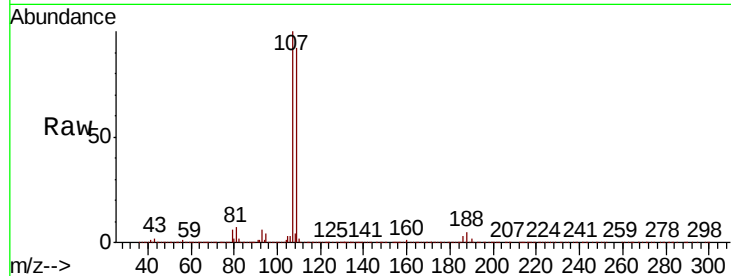
ClientSampleId :

VSTDCCC050

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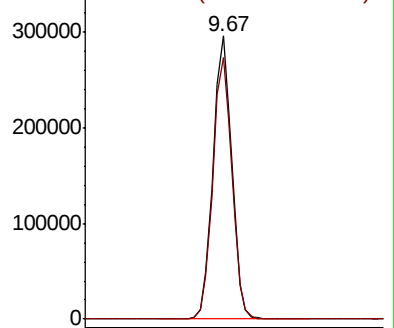
apatel

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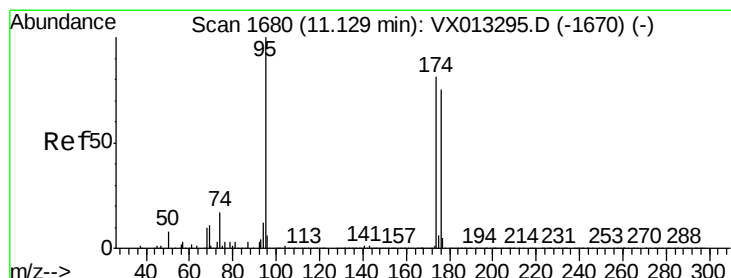
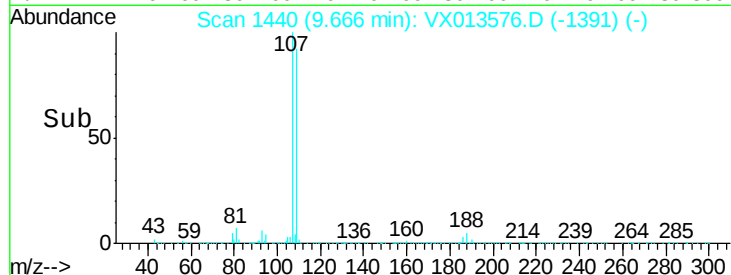


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 54.888 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

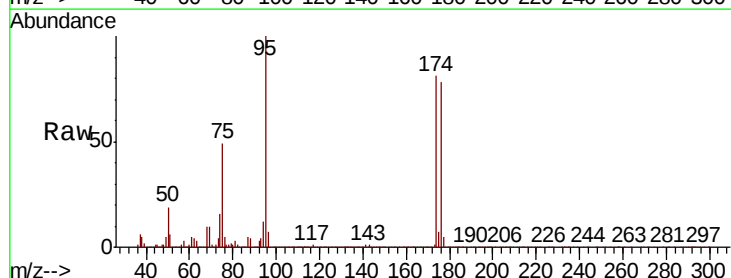
Tgt Ion: 95 Resp: 498267

Ion Ratio Lower Upper

95 100

174 88.2 0.0 179.8

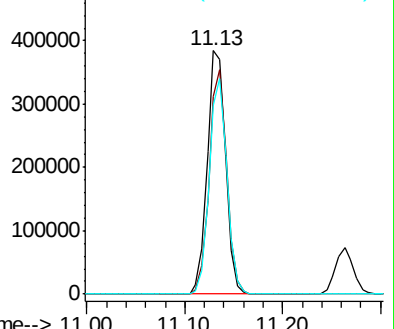
176 85.6 0.0 173.0



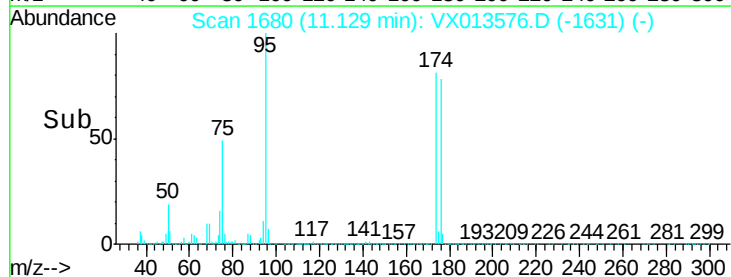
Abundance Ion 94.90 (94.60 to 95.60): VX0

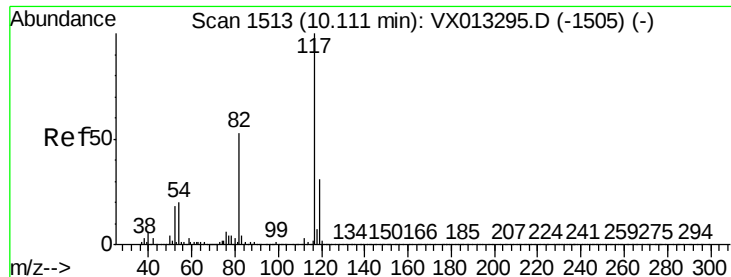
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





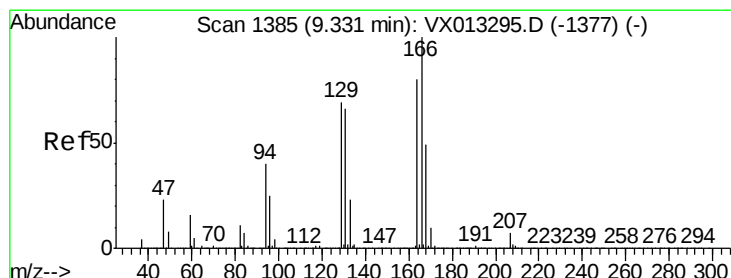
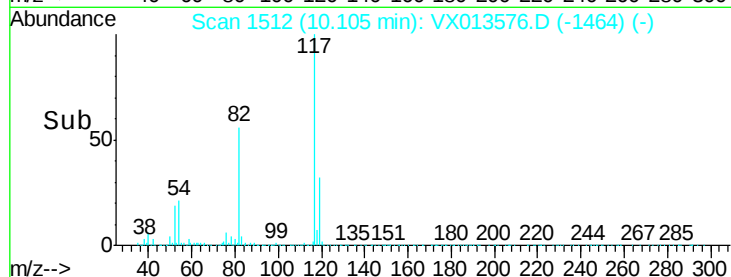
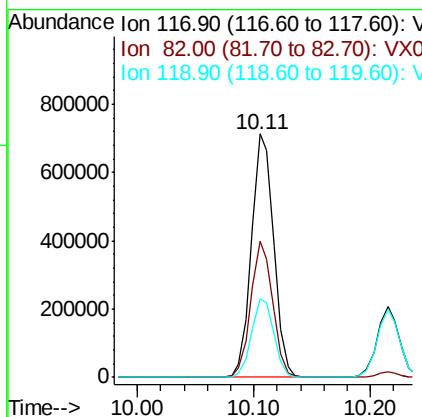
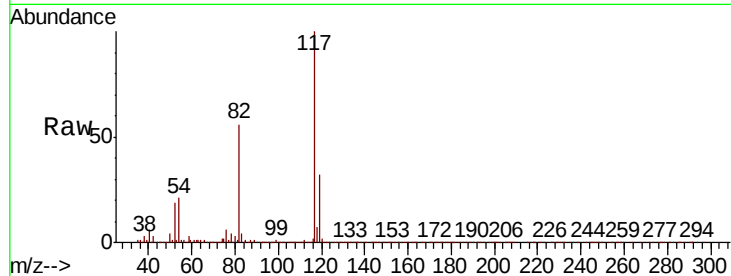
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	42.6	64.0
119	32.4	24.8	37.2

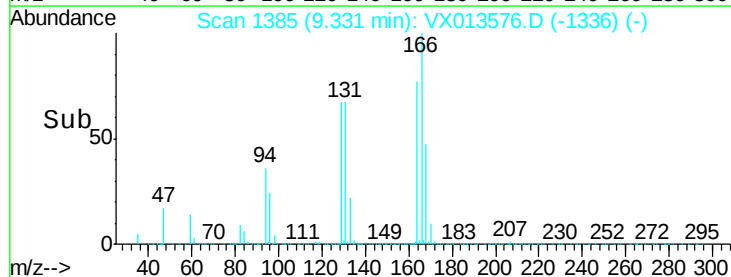
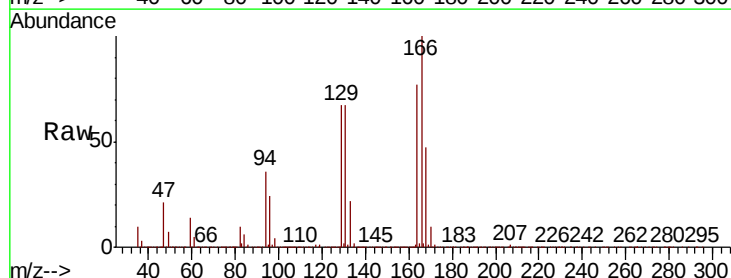
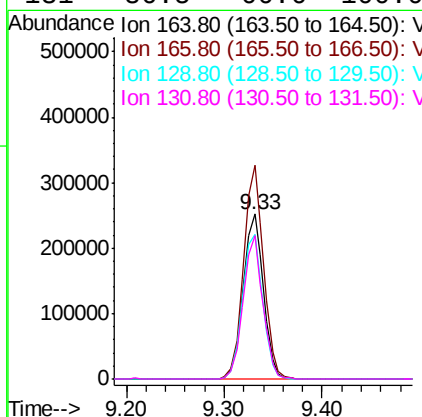
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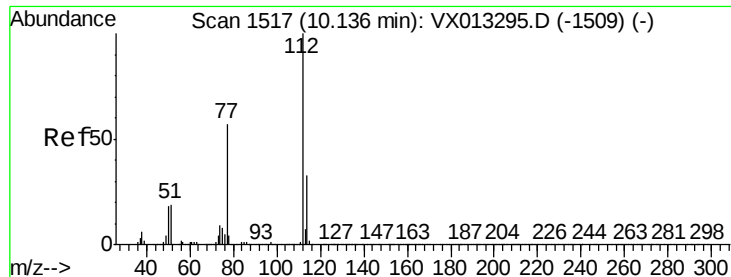
apatel
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#64
Tetrachloroethene
Concen: 52.887 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	100.4	150.6
129	87.3	69.4	104.2
131	86.5	66.6	100.0





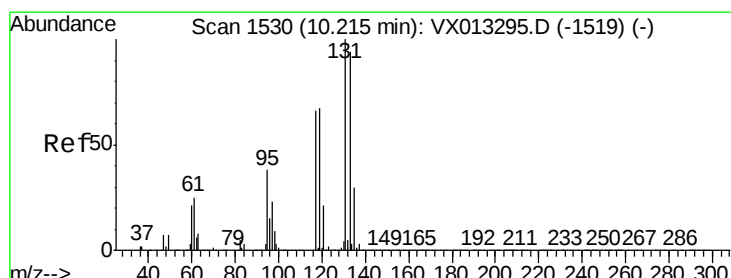
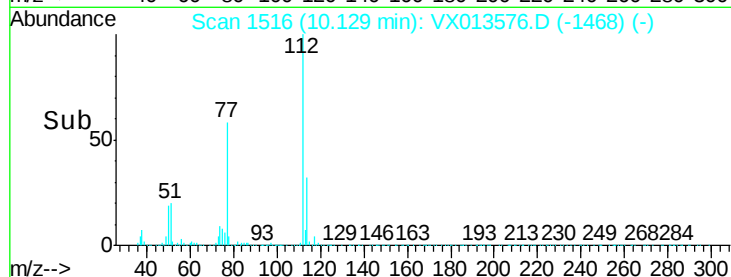
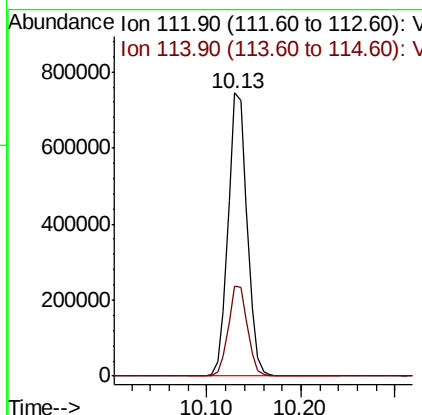
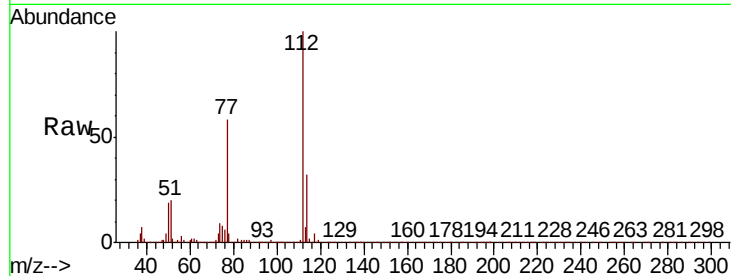
#65
Chlorobenzene
Concen: 53.731 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1038524
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6

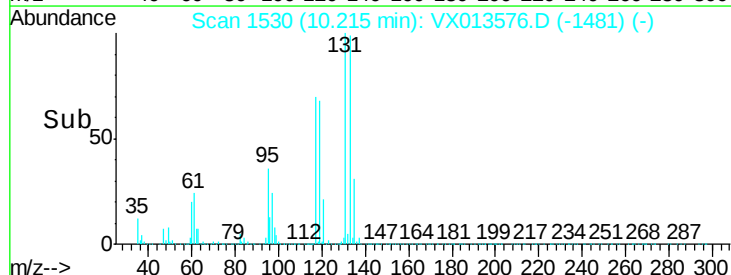
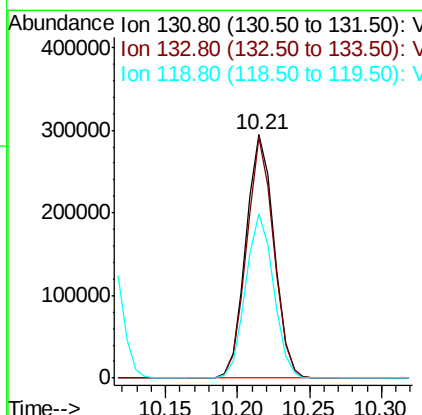
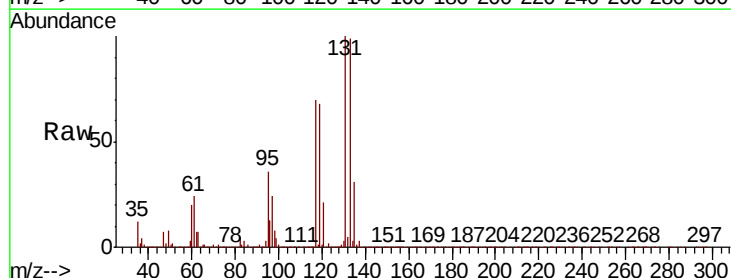
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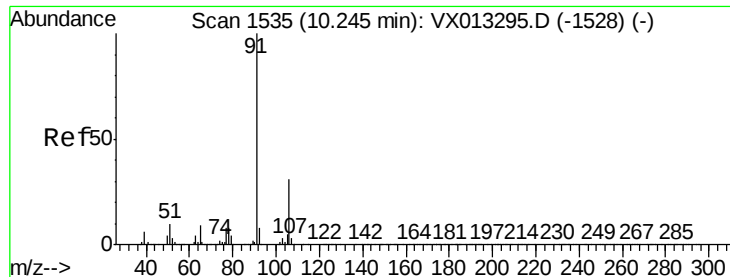
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.884 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion:131 Resp: 396596
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.0
119 66.9 33.0 99.0





#67

Ethyl Benzene

Concen: 55.073 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1837145

Ion Ratio Lower Upper

91 100

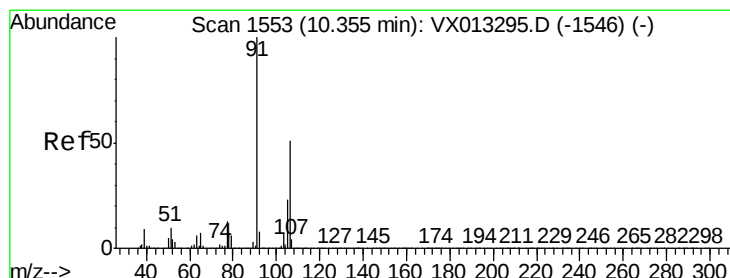
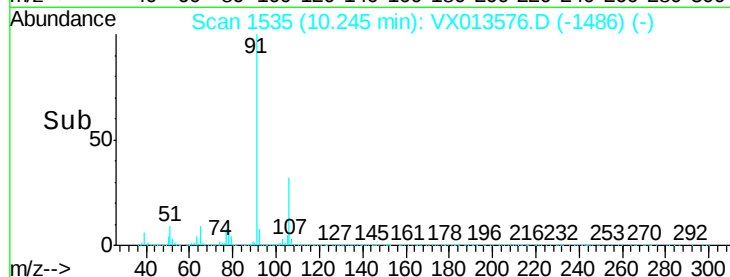
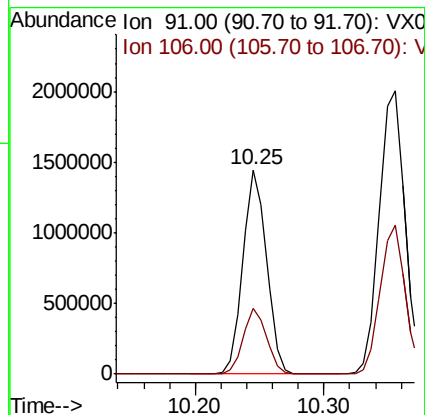
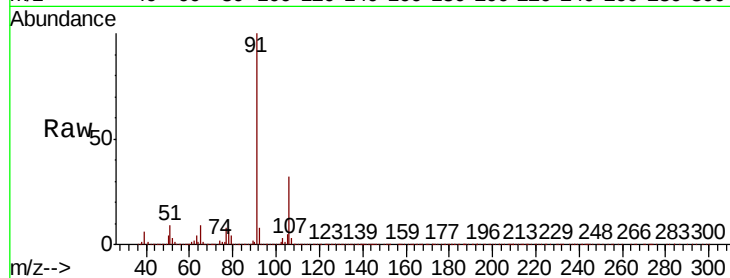
106 32.0 24.6 36.8

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#68

m/p-Xylenes

Concen: 111.553 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013576.D

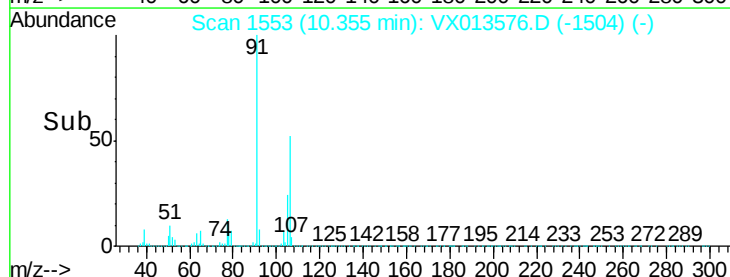
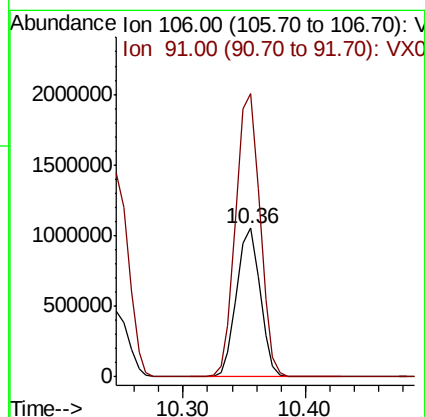
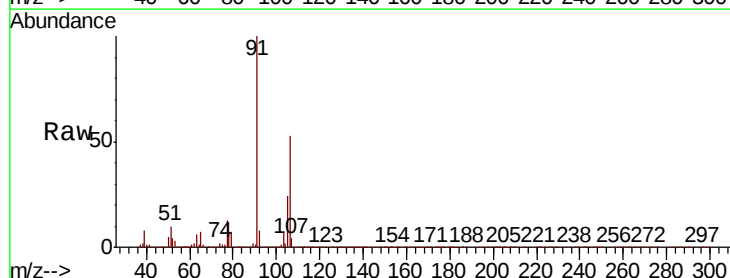
Acq: 25 Nov 2019 12:42

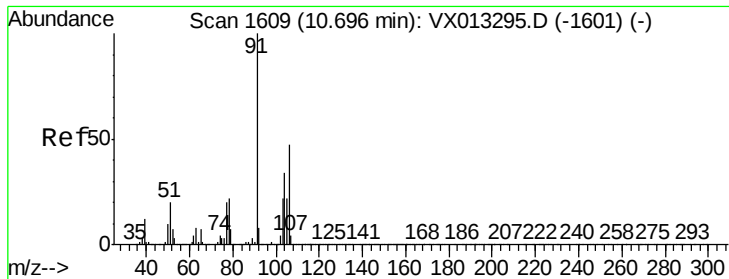
Tgt Ion: 106 Resp: 1407338

Ion Ratio Lower Upper

106 100

91 195.3 159.3 238.9





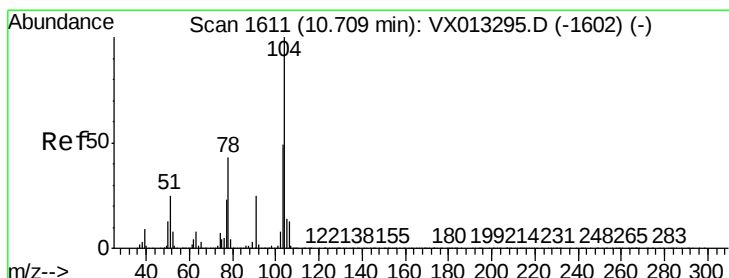
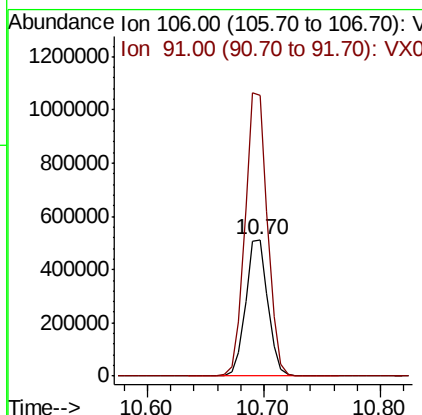
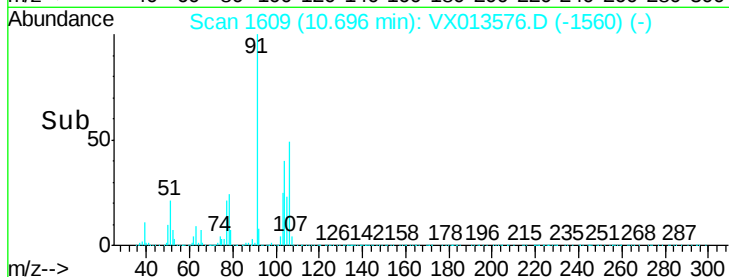
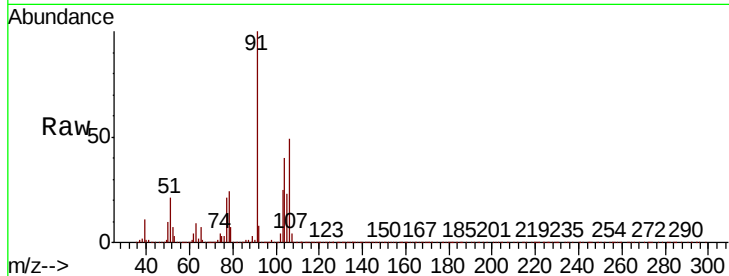
#69
o-Xylene
Concen: 55.121 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 680823
Ion Ratio Lower Upper
106 100
91 209.3 105.7 317.0

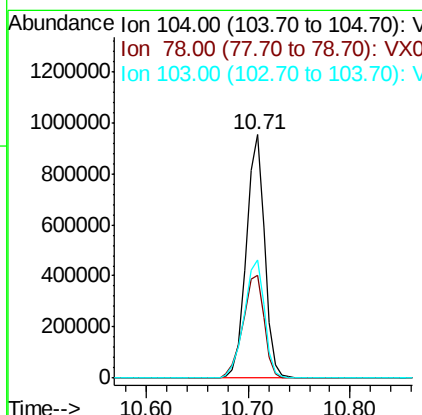
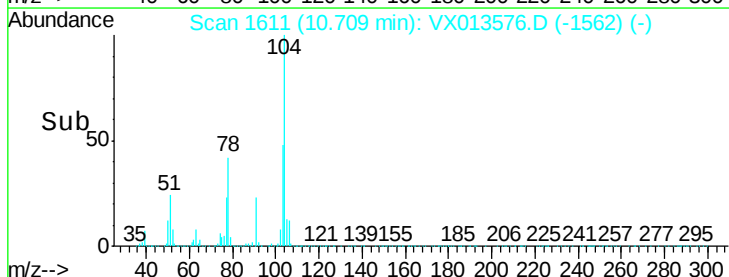
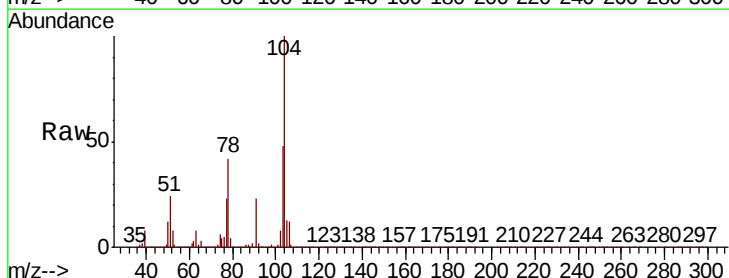
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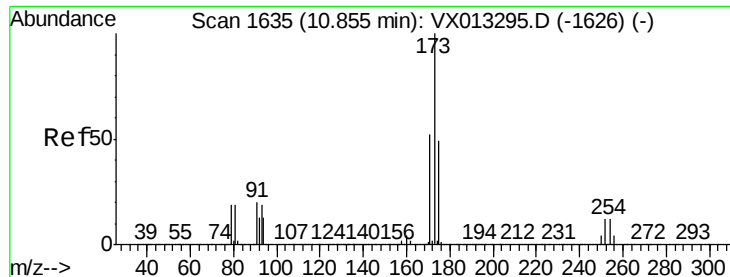
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#70
Styrene
Concen: 57.404 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion:104 Resp: 1185195
Ion Ratio Lower Upper
104 100
78 48.7 40.0 60.0
103 53.9 44.1 66.1





#71

Bromoform

Concen: 50.993 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

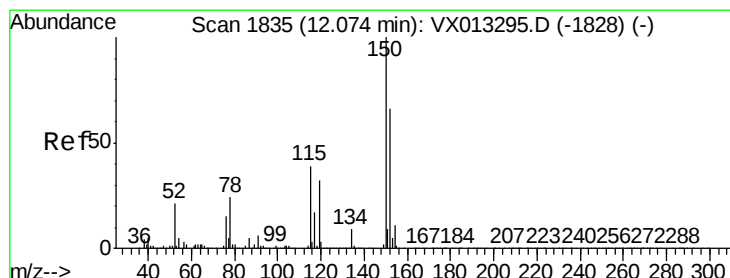
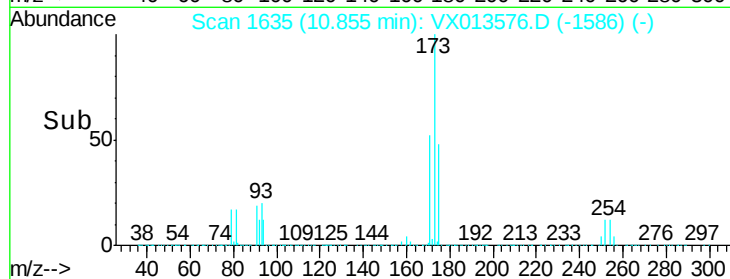
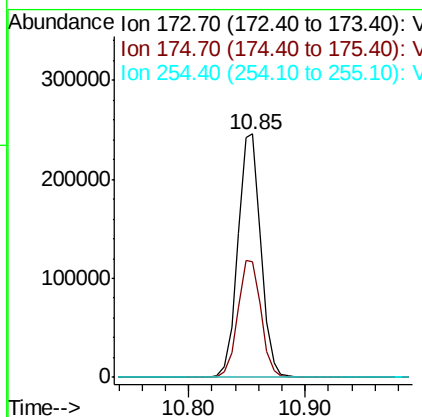
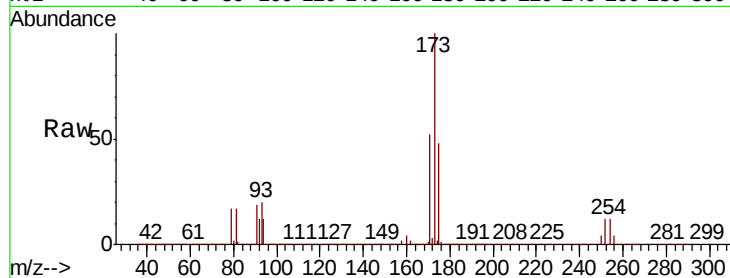
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	335991
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.8	74.4
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

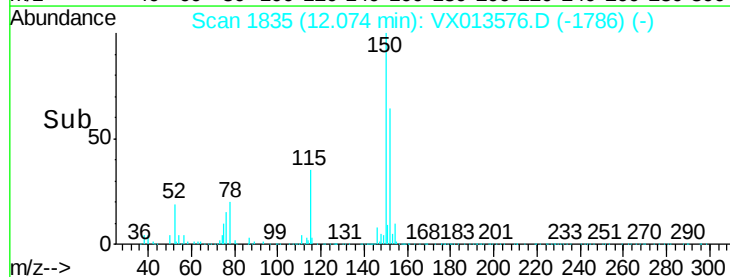
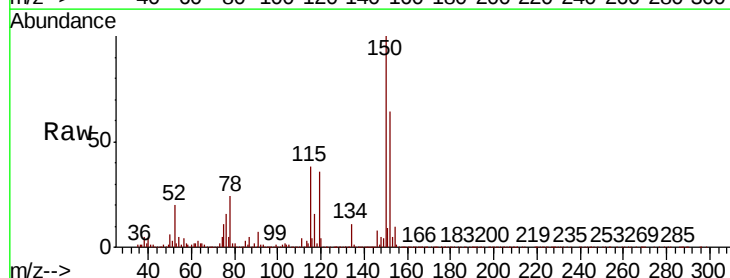
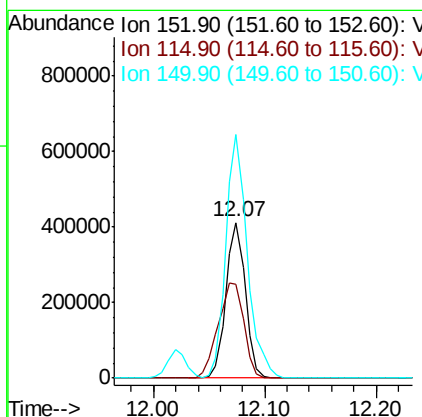
RT: 12.07 min Scan# 1835

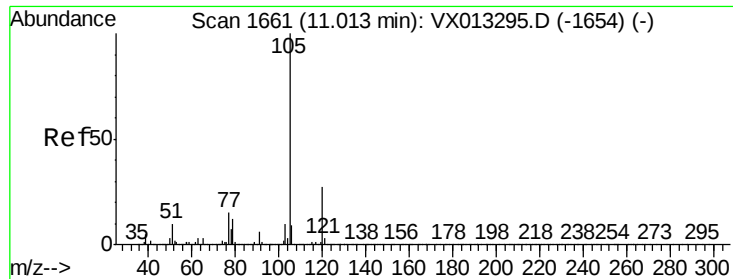
Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion:	152	Resp:	494645
Ion Ratio	Lower	Upper	
152	100		
115	80.8	39.5	118.3
150	173.6	0.0	344.4





#73

Isopropylbenzene

Concen: 56.015 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1837063

Ion Ratio Lower Upper

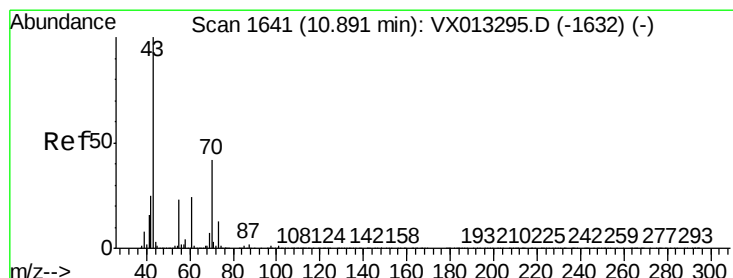
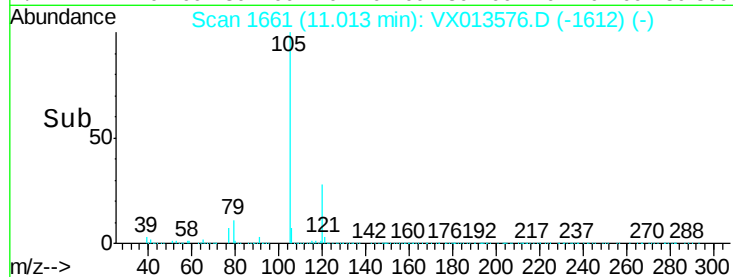
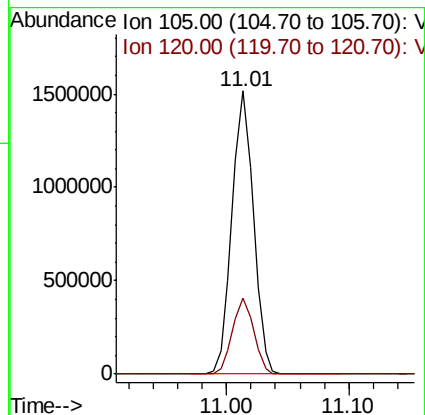
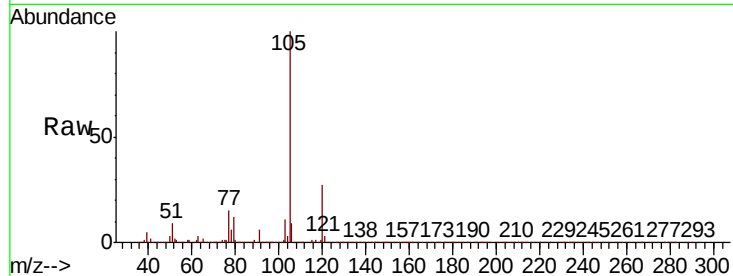
105 100

120 26.9 13.5 40.5

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#74

N-ethyl acetate

Concen: 56.595 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion: 43 Resp: 860702

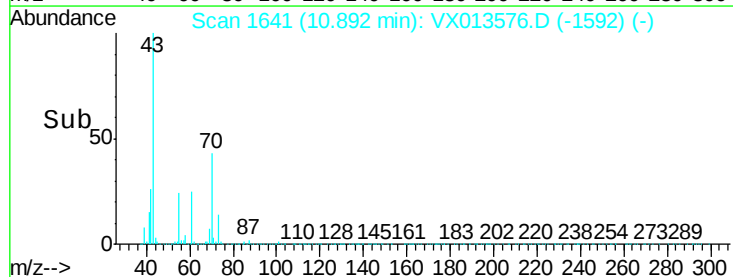
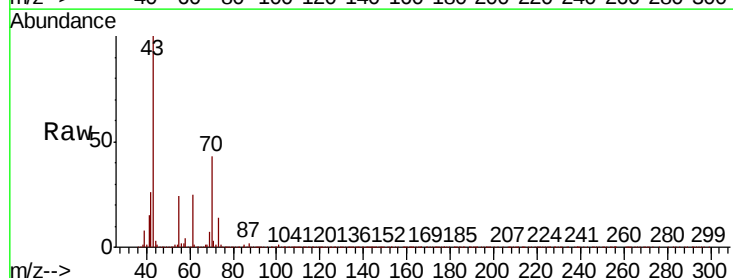
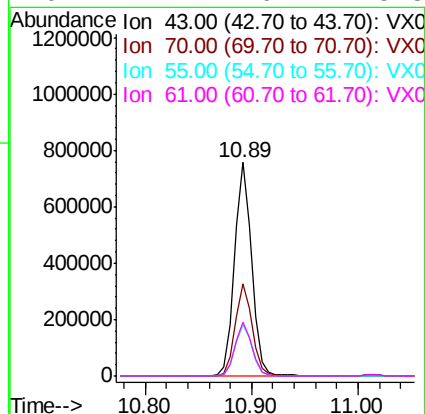
Ion Ratio Lower Upper

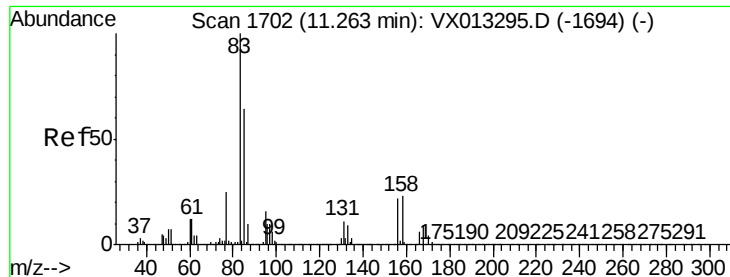
43 100

70 42.6 34.1 51.1

55 24.2 18.9 28.3

61 24.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.754 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

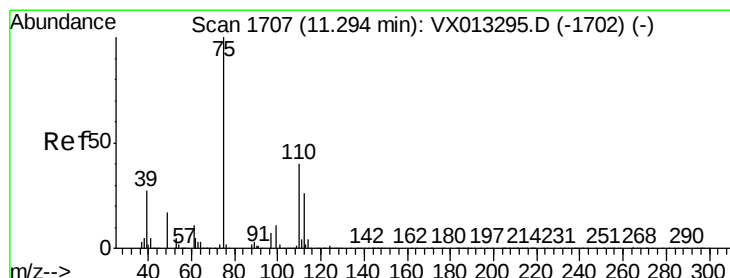
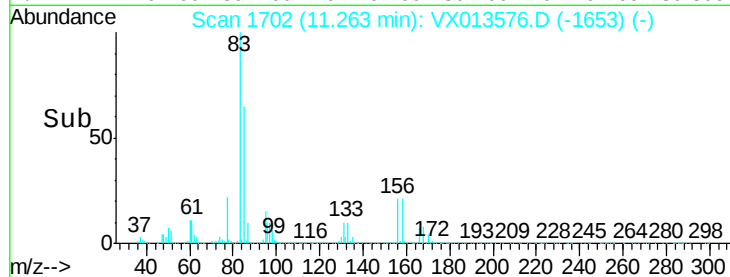
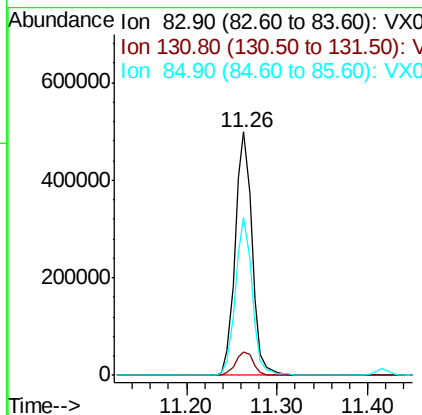
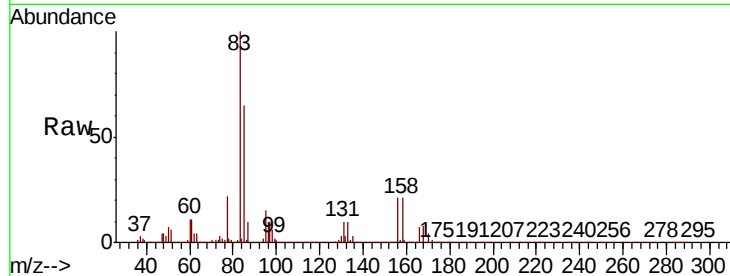
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	643139
Ion Ratio		Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.2	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 59.455 ug/l m

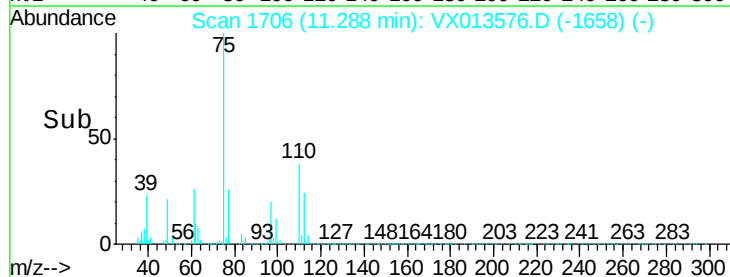
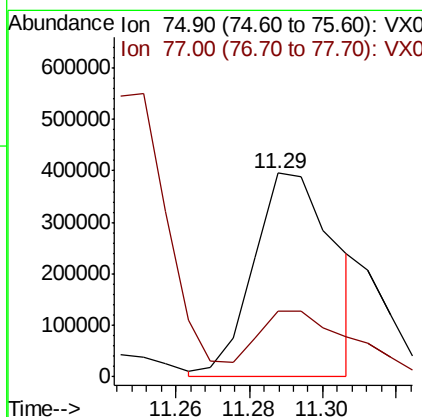
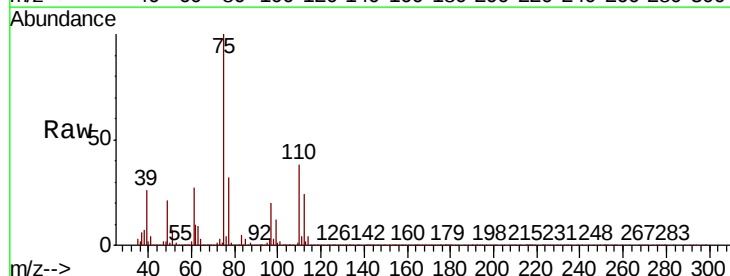
RT: 11.29 min Scan# 1706

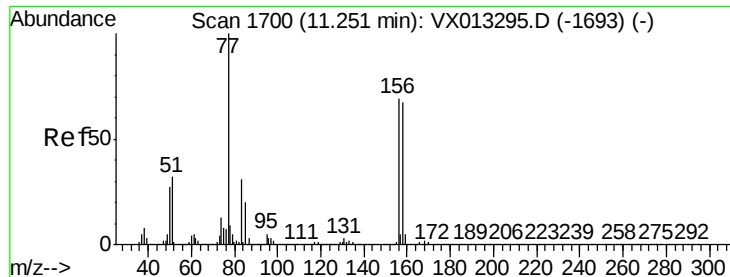
Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion:	75	Resp:	597334
Ion Ratio		Lower	Upper
75	100		
77	38.3	22.3	66.8





#77

Bromobenzene

Concen: 54.862 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

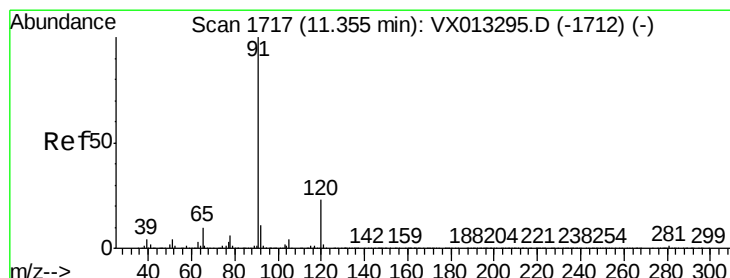
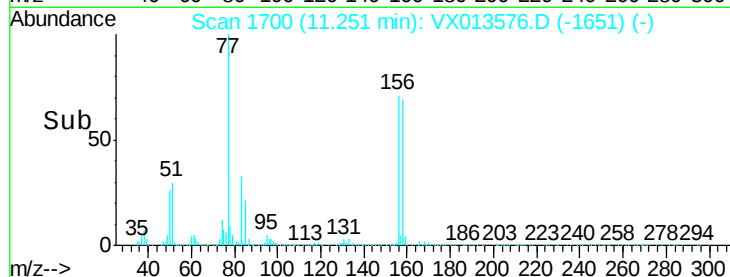
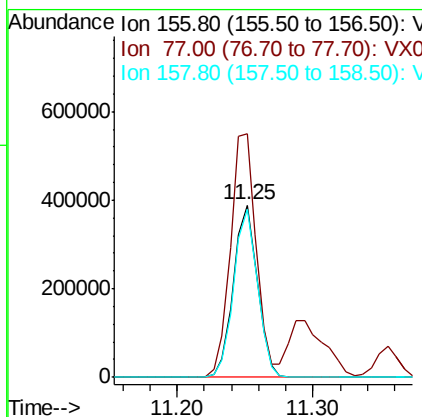
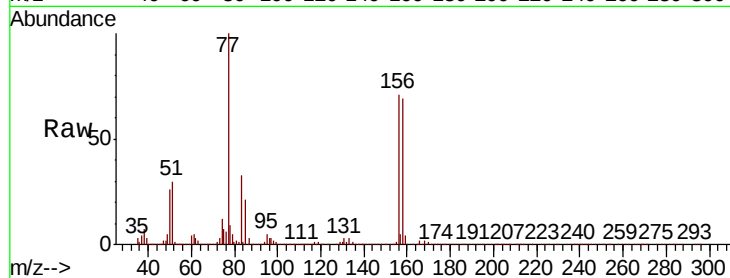
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.3	75.8	227.4
158	96.9	47.6	142.8

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#78

n-propylbenzene

Concen: 57.593 ug/l

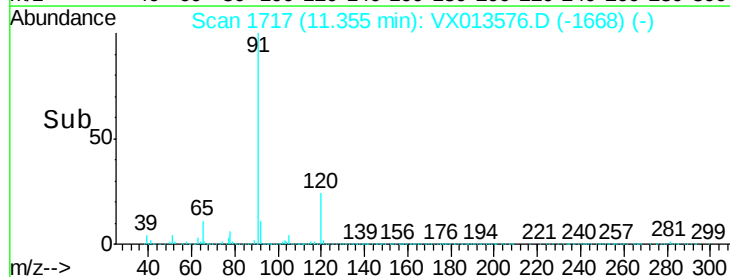
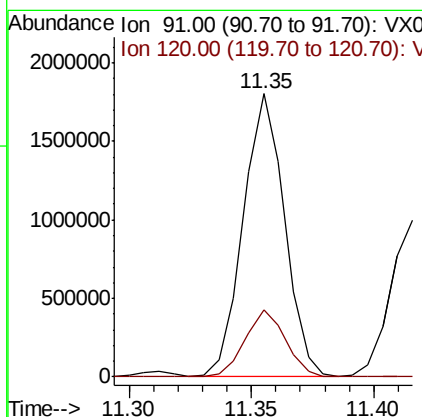
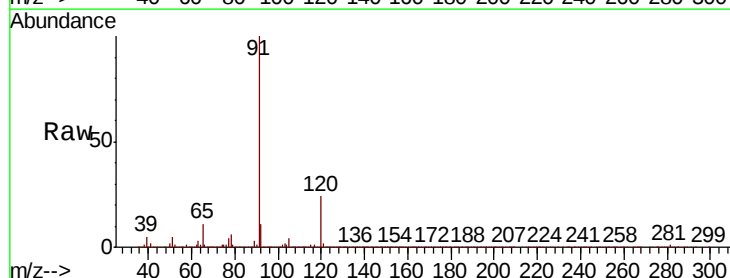
RT: 11.35 min Scan# 1717

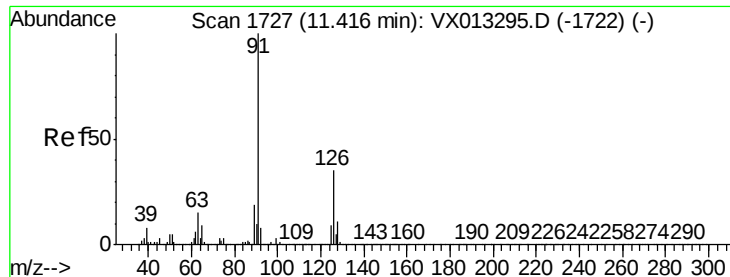
Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.6	34.8





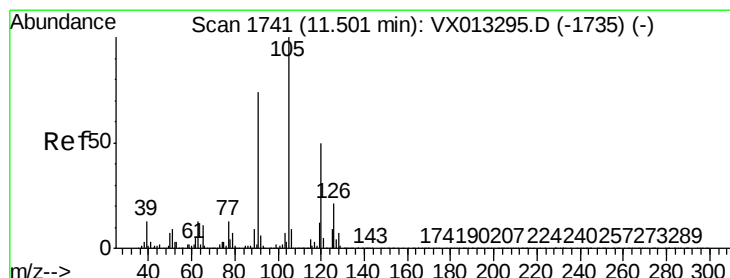
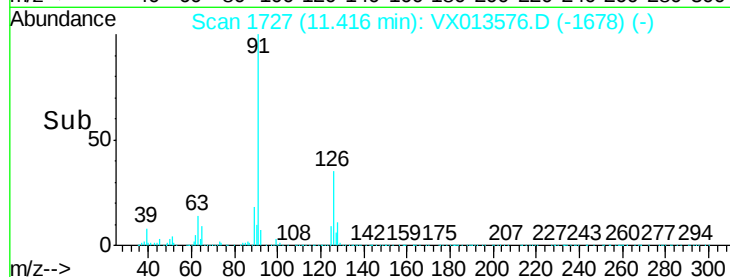
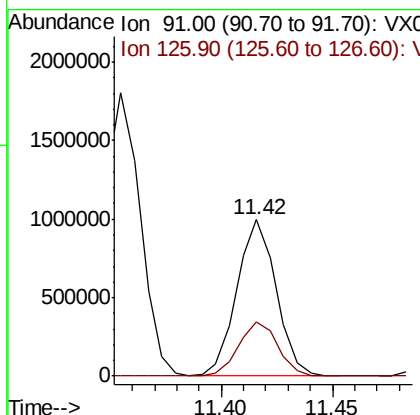
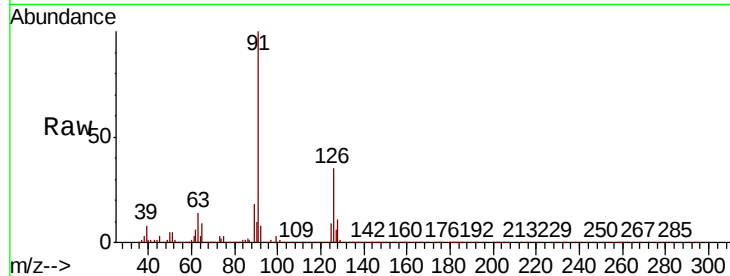
#79
2-Chlorotoluene
Concen: 55.538 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1222439
Ion Ratio Lower Upper
91 100
126 35.1 17.3 52.0

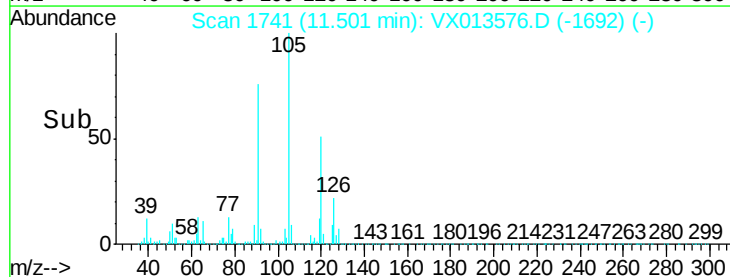
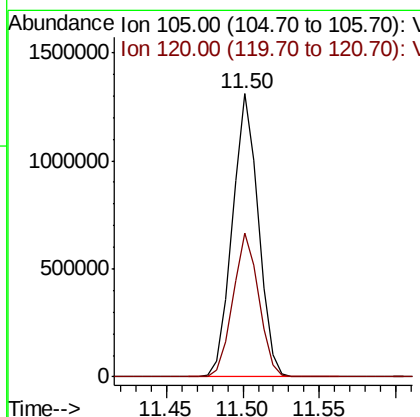
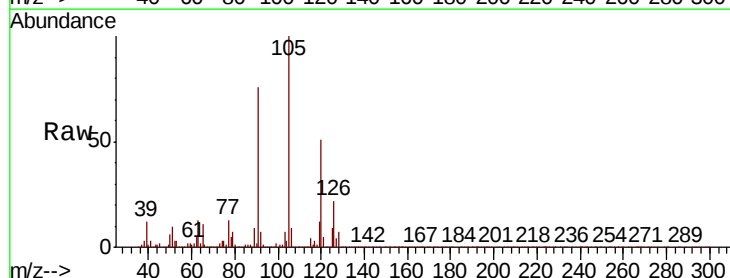
Manual Integrations
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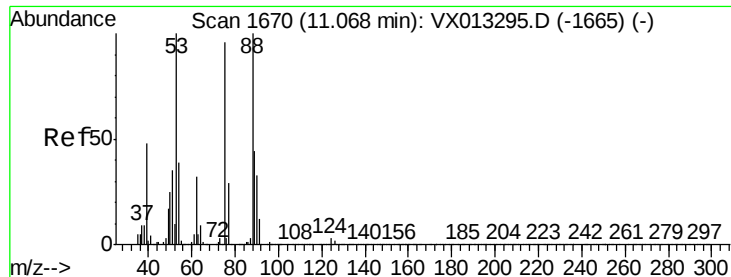
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 56.035 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 105 Resp: 1530719
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.8





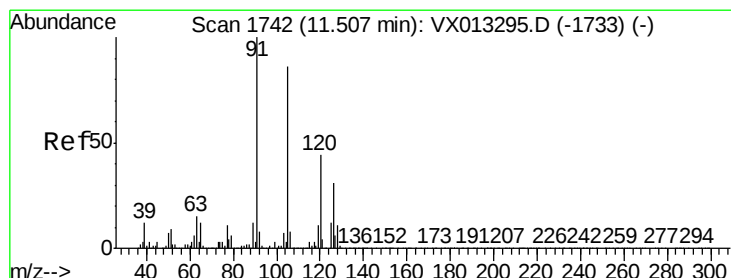
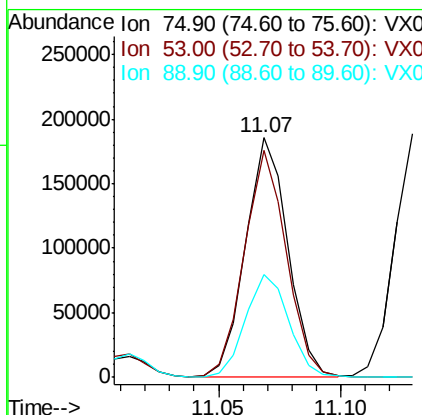
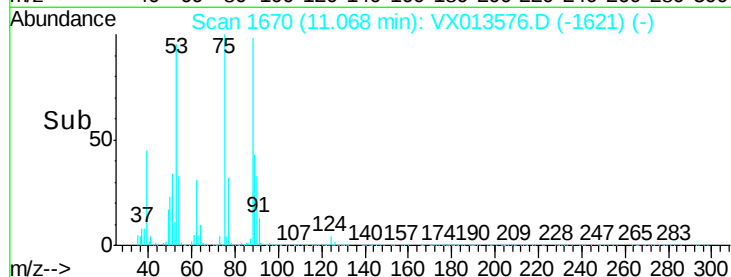
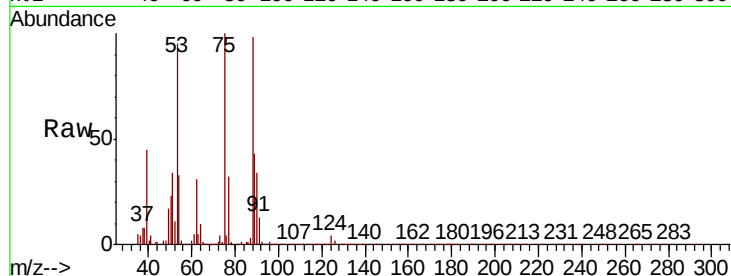
#81
trans-1,4-Dichloro-2-butene
Concen: 57.087 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.4	81.0	121.6
89	44.5	36.0	54.0

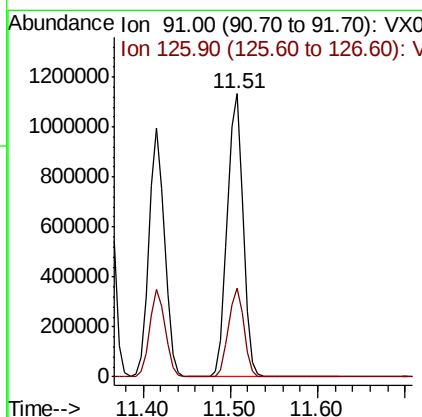
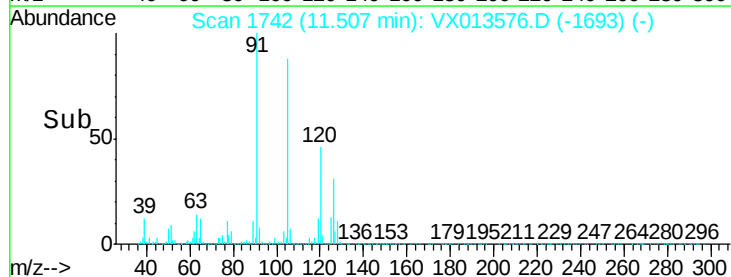
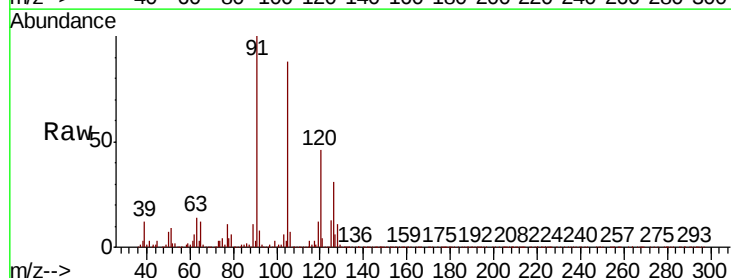
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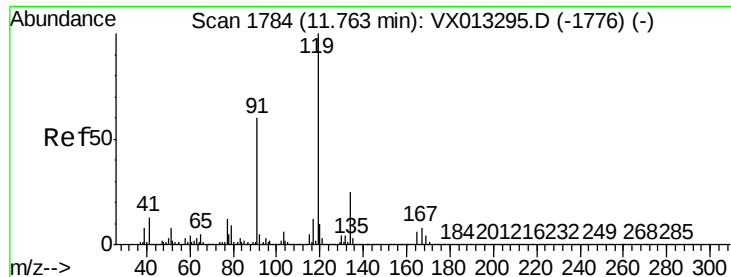
apatel
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#82
4-Chlorotoluene
Concen: 55.324 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.3	45.8





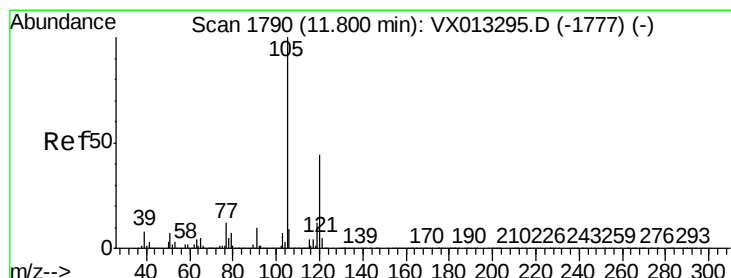
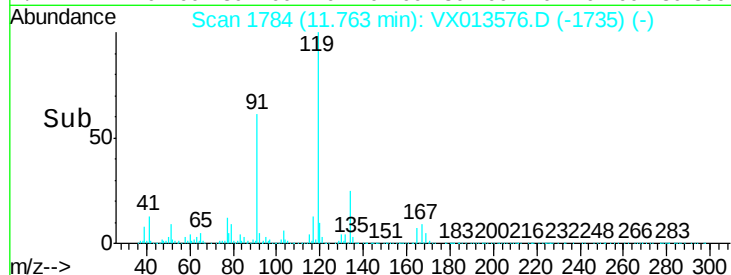
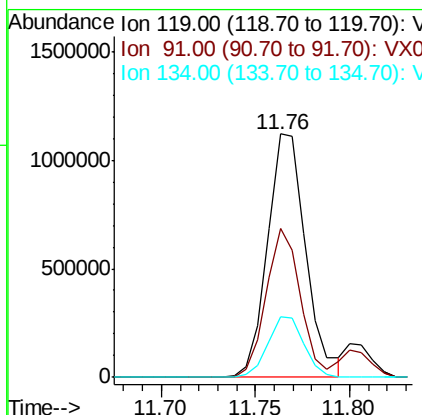
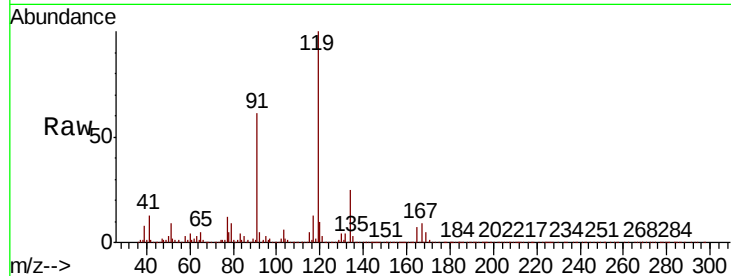
#83
tert-Butylbenzene
Concen: 57.355 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.5	26.9	80.7
134	23.6	11.7	35.1

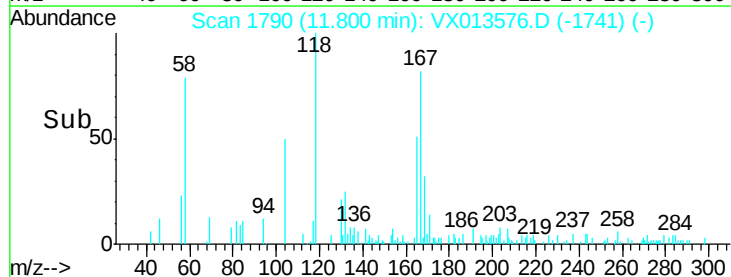
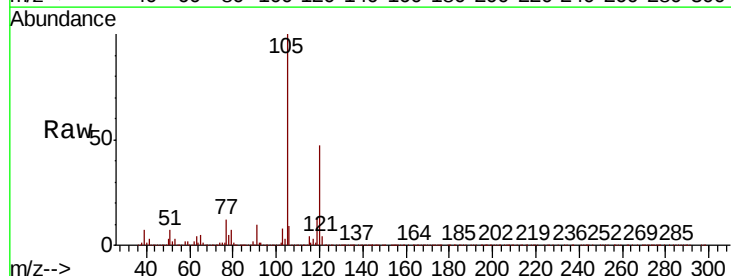
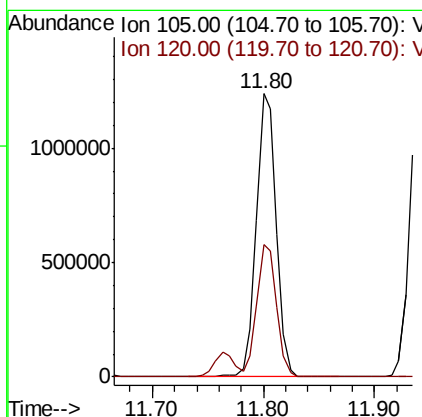
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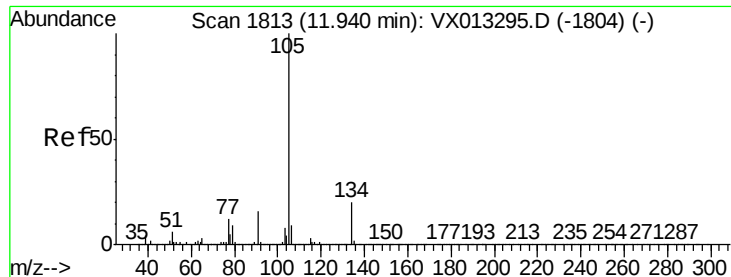
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#84
1,2,4-Trimethylbenzene
Concen: 56.292 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.7	68.1





#85

sec-Butylbenzene

Concen: 58.283 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1841984

Ion Ratio Lower Upper

105 100

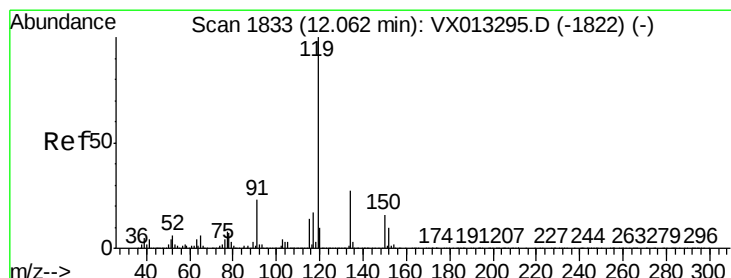
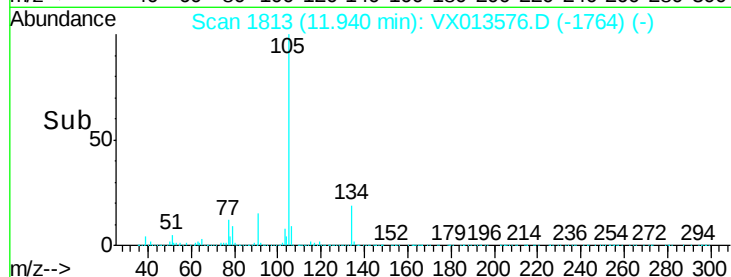
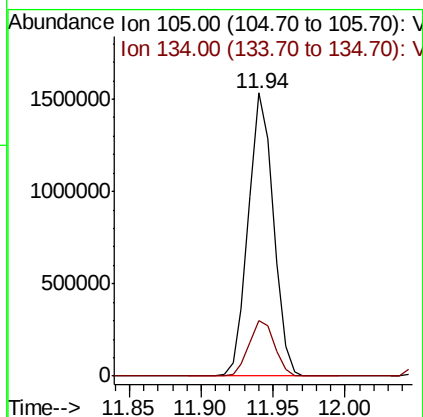
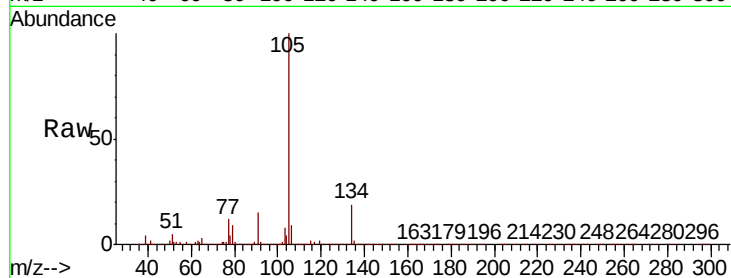
134 20.3 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 57.855 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

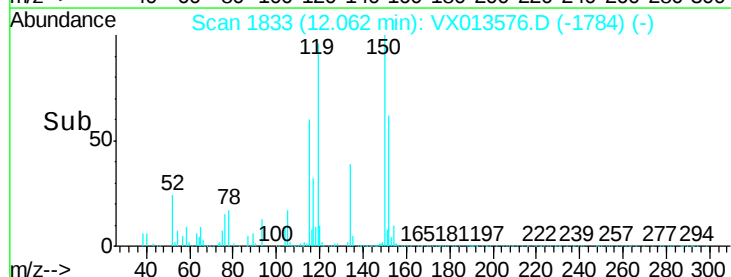
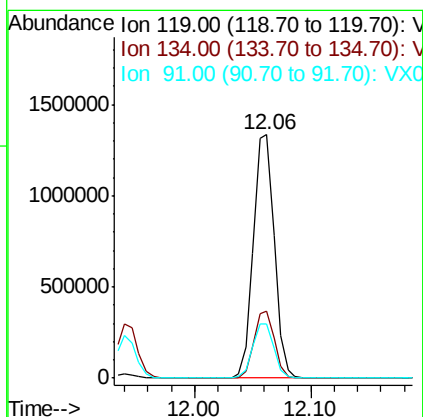
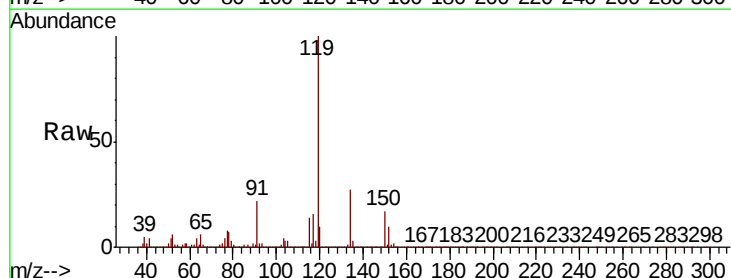
Tgt Ion:119 Resp: 1683669

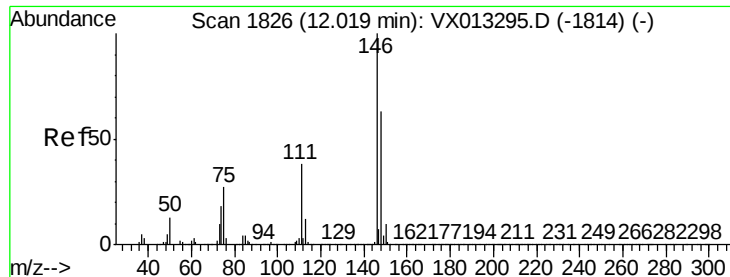
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 22.5 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 55.280 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013576.D

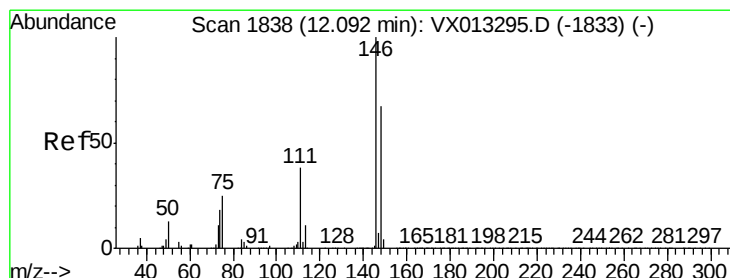
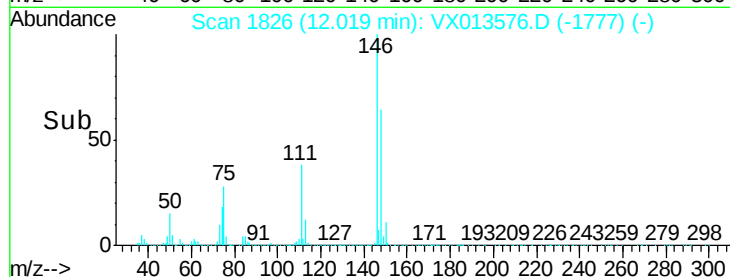
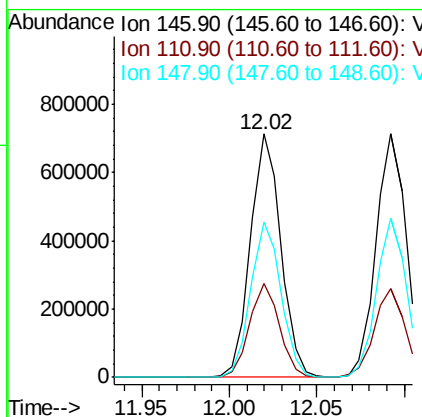
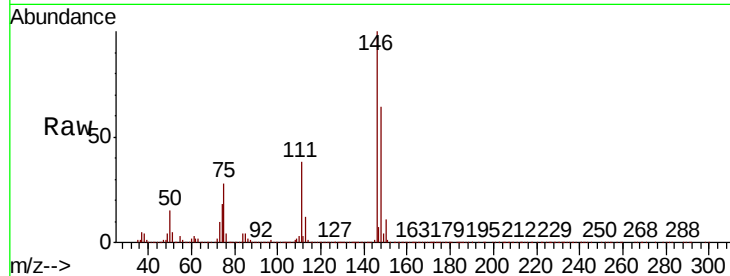
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.5
148	63.6	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 53.947 ug/l

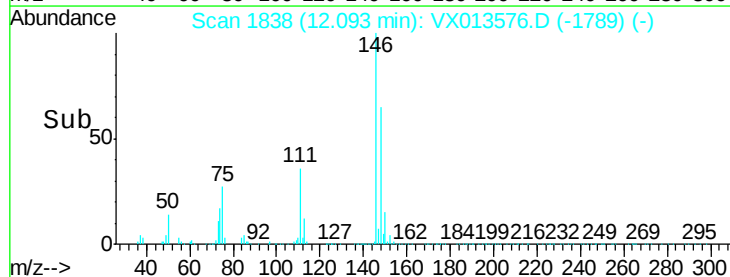
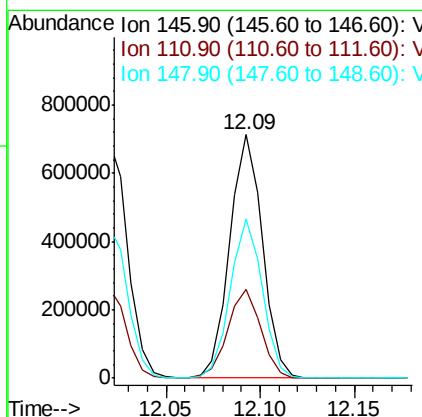
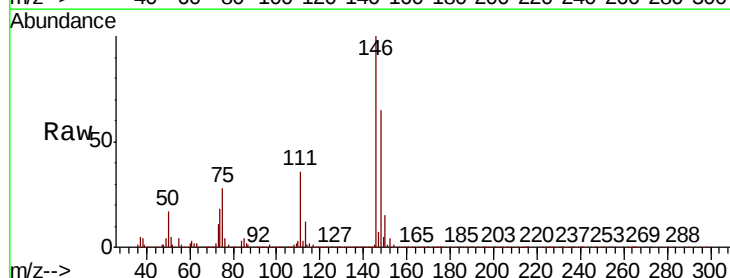
RT: 12.09 min Scan# 1838

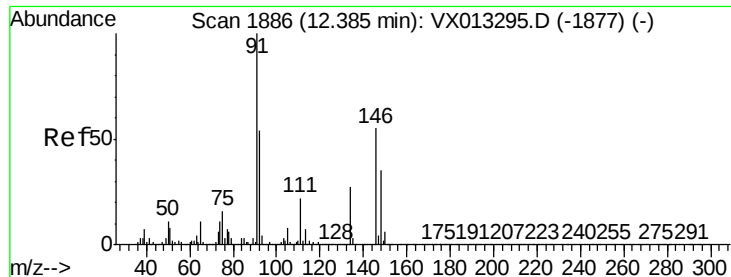
Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.8	56.4
148	64.2	32.4	97.0





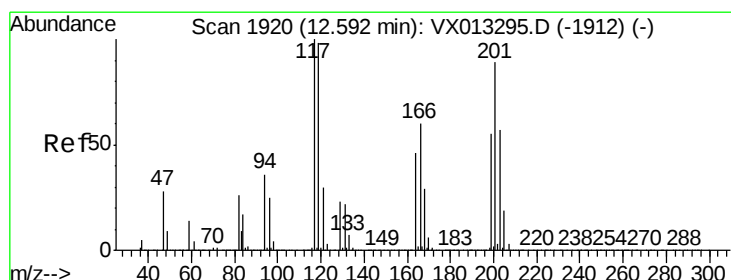
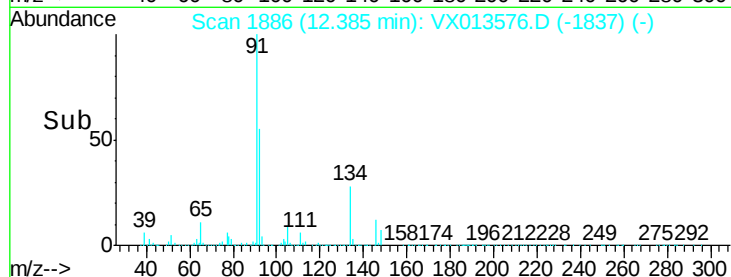
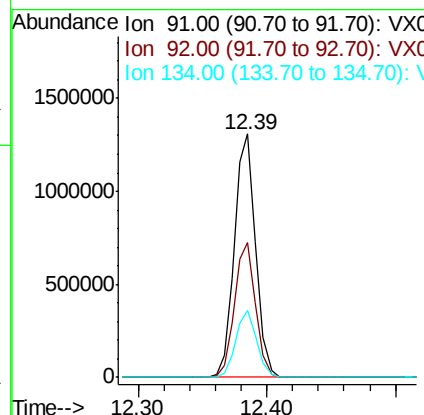
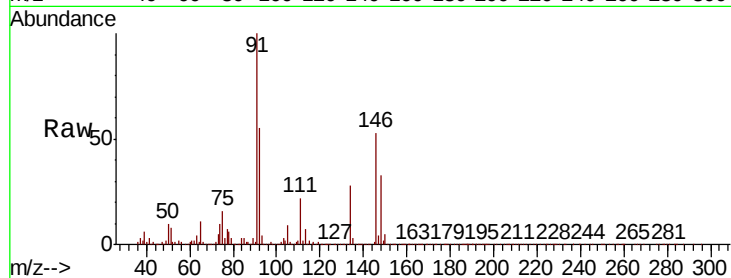
#89
n-Butylbenzene
Concen: 59.591 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.3	81.8
134	27.2	13.5	40.5

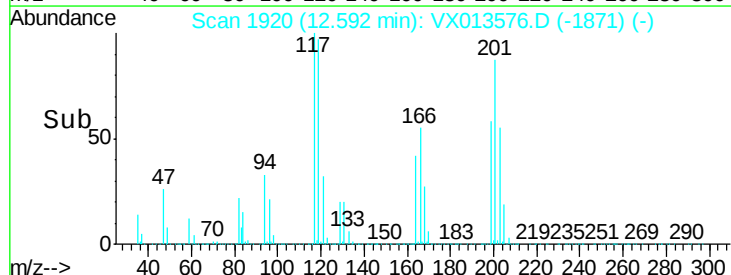
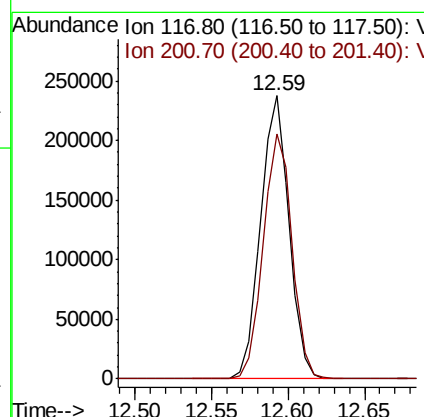
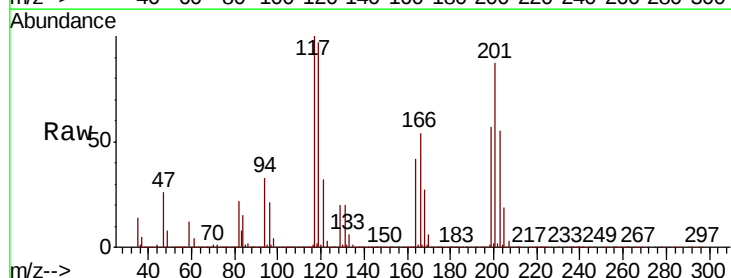
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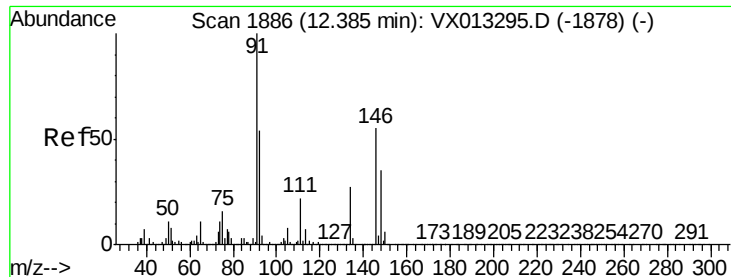
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#90
Hexachloroethane
Concen: 59.086 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.2	43.9	131.7





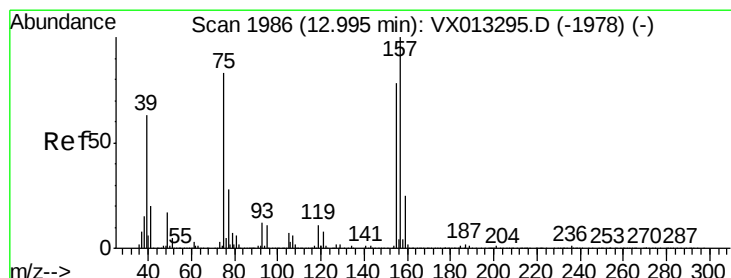
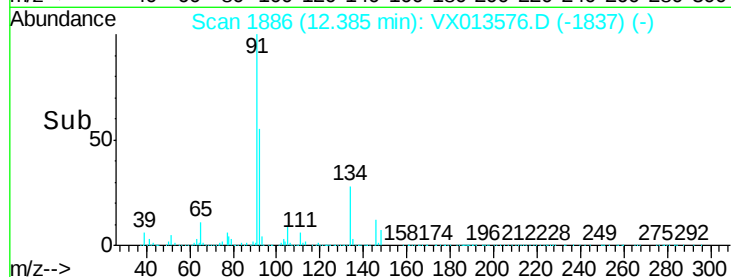
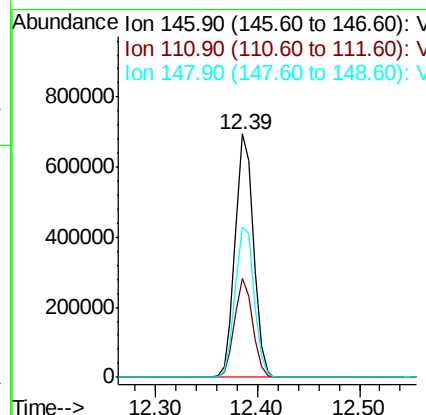
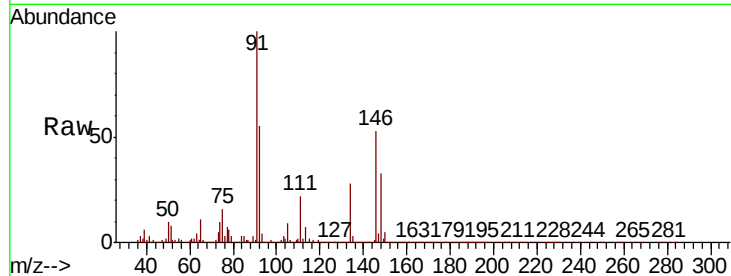
#91
 1,2-Dichlorobenzene
 Concen: 55.182 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	859637		
111	39.7	20.1	60.2	
148	63.7	32.0	96.0	

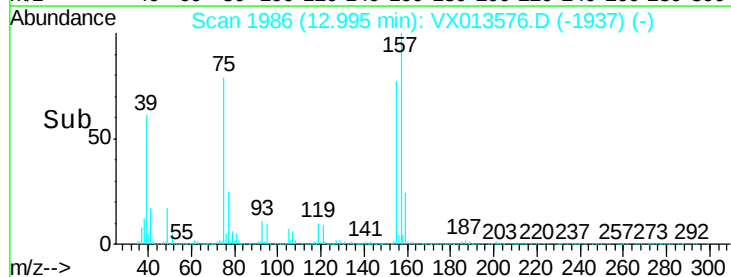
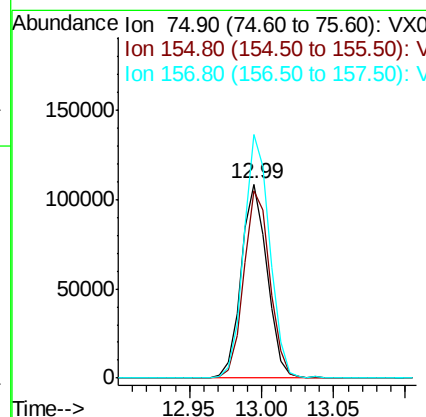
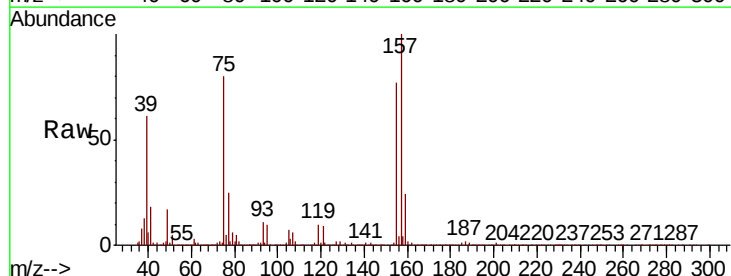
Manual Integrations
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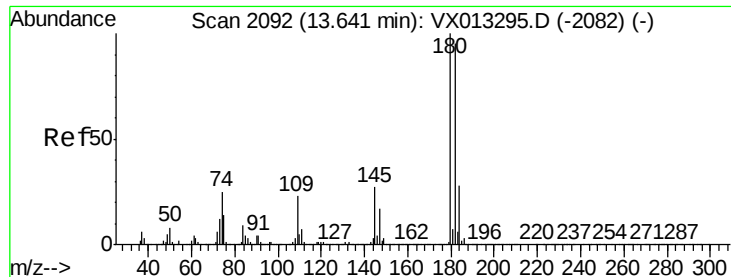
apatel
 11/27/2019 11:34:13 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.472 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	135460		
155	97.1	47.1	141.4	
157	125.8	61.3	183.8	





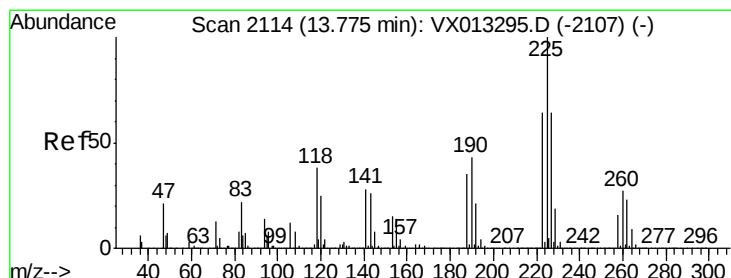
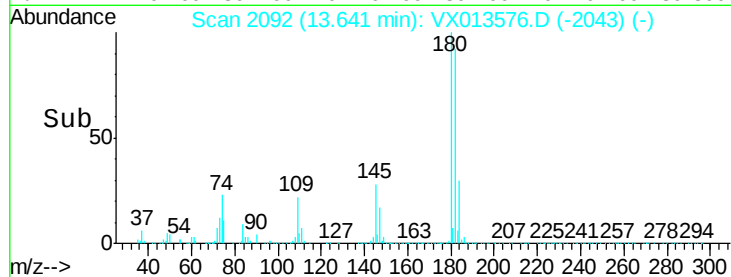
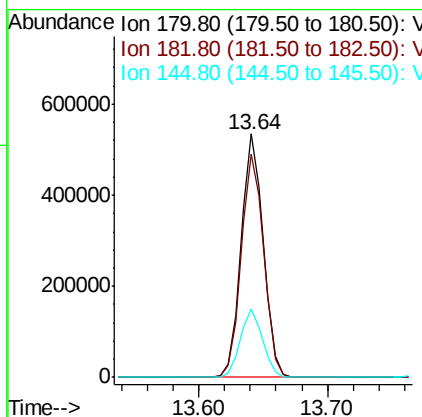
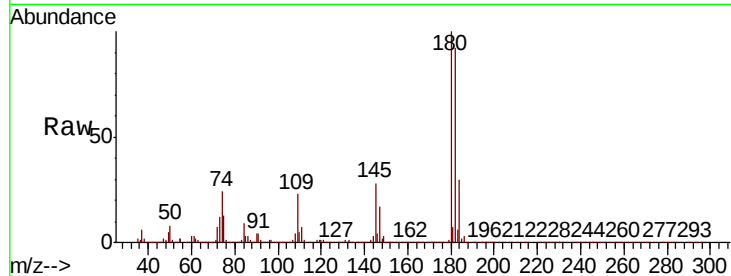
#93
 1,2,4-Trichlorobenzene
 Concen: 58.100 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	631336		
182	93.4	48.4	145.0	
145	28.3	14.1	42.4	

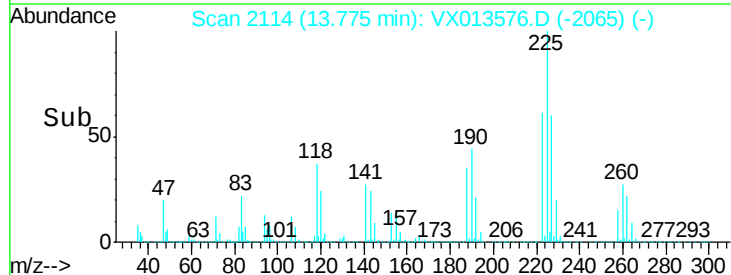
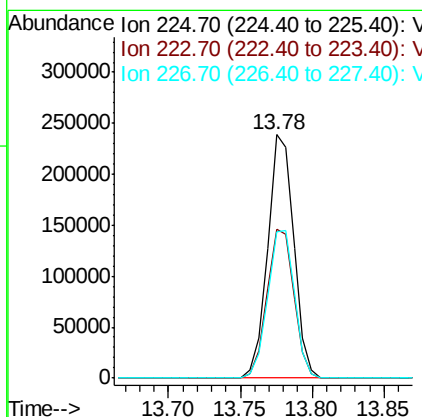
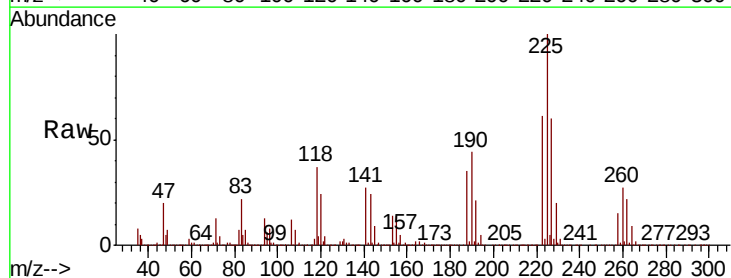
Manual Integrations
 APPROVED

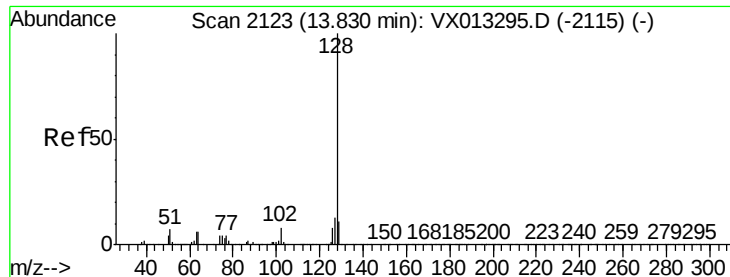
apatel
 11/27/2019 11:34:13 AM



#94
 Hexachlorobutadiene
 Concen: 56.296 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	299285		
223	63.0	31.9	95.7	
227	62.9	31.9	95.9	





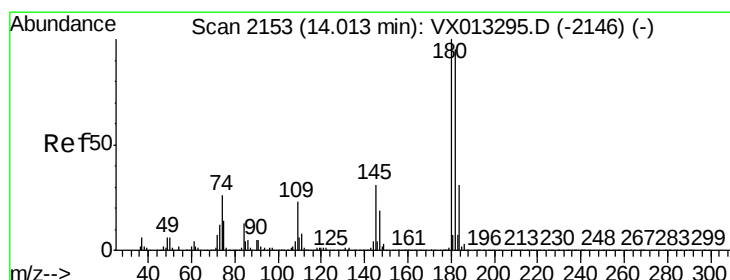
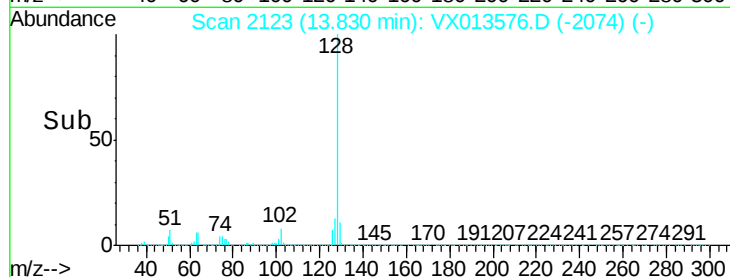
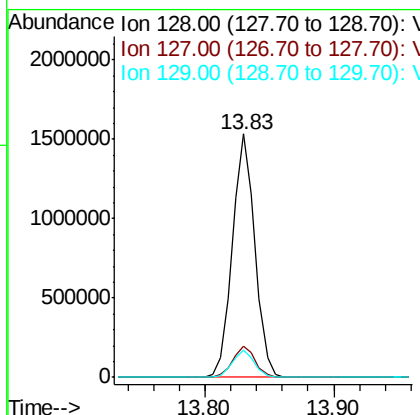
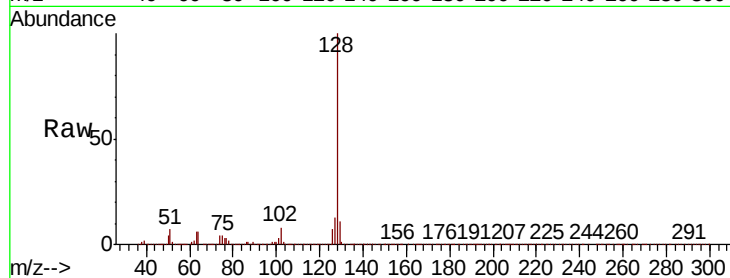
#95
Naphthalene
Concen: 54.782 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.5	12.7

Manual Integrations
APPROVED

apatel
11/27/2019 11:34:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.700 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.2
145	30.0	15.4	46.4

