

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120519\
 Data File : VX013765.D
 Acq On : 05 Dec 2019 09:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 06 02:23:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	697932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1023807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	927629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	479821	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	345929	42.70	ug/l	0.00
Spiked Amount			Recovery	=	85.40%	
35) Dibromofluoromethane	5.48	113	293922	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	
50) Toluene-d8	8.71	98	1114032	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	
62) 4-Bromofluorobenzene	11.13	95	408058	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	396384	51.025	ug/l	98
3) Chloromethane	1.32	50	412524	47.326	ug/l	99
4) Vinyl Chloride	1.40	62	497188	50.677	ug/l	100
5) Bromomethane	1.63	94	289548	43.946	ug/l	99
6) Chloroethane	1.71	64	272958	48.893	ug/l	98
7) Trichlorofluoromethane	1.92	101	541441	49.701	ug/l	99
8) Diethyl Ether	2.18	74	248906	50.503	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	337955	50.788	ug/l	98
10) Methyl Iodide	2.50	142	395390	49.121	ug/l	100
11) Tert butyl alcohol	3.03	59	393921	196.991	ug/l	99
12) 1,1-Dichloroethene	2.36	96	329126	49.552	ug/l	99
13) Acrolein	2.28	56	402915	300.050	ug/l	99
14) Allyl chloride	2.72	41	592945	49.192	ug/l	99
15) Acrylonitrile	3.13	53	963505	233.423	ug/l	99
16) Acetone	2.43	43	1163720	290.947	ug/l	100
17) Carbon Disulfide	2.56	76	880627	46.510	ug/l	99
18) Methyl Acetate	2.76	43	552003	49.561	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1113161	50.590	ug/l	99
20) Methylene Chloride	2.84	84	374677	48.759	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	354600	49.007	ug/l	99
22) Diisopropyl ether	3.84	45	1182030	50.928	ug/l	96
23) Vinyl Acetate	3.80	43	4794639	248.324	ug/l	100
24) 1,1-Dichloroethane	3.68	63	644851	50.824	ug/l	98
25) 2-Butanone	4.65	43	1526529	256.800	ug/l	100
26) 2,2-Dichloropropane	4.57	77	544868	51.904	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	410518	49.403	ug/l	99
28) Bromochloromethane	5.00	49	258894	51.635	ug/l	99
29) Tetrahydrofuran	5.11	42	849091	231.704	ug/l	99
30) Chloroform	5.20	83	626387	48.680	ug/l	97
31) Cyclohexane	5.57	56	585688	48.941	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	544592	50.646	ug/l	100
36) 1,1-Dichloropropene	5.79	75	483521	52.027	ug/l	99
37) Ethyl Acetate	4.81	43	519961	49.872	ug/l	99
38) Carbon Tetrachloride	5.77	117	466354	54.420	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	615555	53.584	ug/l	99
40) Benzene	6.13	78	1459936	51.578	ug/l	99
41) Methacrylonitrile	5.02	41	294941	51.583	ug/l	99
42) 1,2-Dichloroethane	6.18	62	505592	52.375	ug/l	99
43) Isopropyl Acetate	6.43	43	874393	50.942	ug/l	99
44) Trichloroethene	7.20	130	402189	51.773	ug/l	94
45) 1,2-Dichloropropane	7.50	63	380310	53.702	ug/l	98
46) Dibromomethane	7.65	93	245973	51.139	ug/l	99
47) Bromodichloromethane	7.89	83	504787	55.515	ug/l	96
48) Methyl methacrylate	7.76	41	438766	52.611	ug/l	98
49) 1,4-Dioxane	7.73	88	154928	829.924	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2696804	249.776	ug/l	100
52) Toluene	8.78	92	933140	53.067	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	563319	54.428	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	620473	54.873	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	376800	53.174	ug/l	98
56) Ethyl methacrylate	9.17	69	610055	53.548	ug/l	100
57) 1,3-Dichloropropane	9.36	76	634036	51.910	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1233005	276.037	ug/l	99
59) 2-Hexanone	9.48	43	2177176	258.549	ug/l	100
60) Dibromochloromethane	9.57	129	407613	55.428	ug/l	99
61) 1,2-Dibromoethane	9.67	107	393688	52.018	ug/l	100
64) Tetrachloroethene	9.33	164	367821	53.171	ug/l	99
65) Chlorobenzene	10.13	112	1009570	52.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	376010	54.369	ug/l	99
67) Ethyl Benzene	10.25	91	1798762	54.351	ug/l	98
68) m/p-Xylenes	10.36	106	1375937	108.592	ug/l	99
69) o-Xylene	10.70	106	668720	54.114	ug/l	100
70) Styrene	10.71	104	1145885	55.123	ug/l	100
71) Bromoform	10.85	173	325192	56.828	ug/l #	100
73) Isopropylbenzene	11.01	105	1767840	52.524	ug/l	99
74) N-amyl acetate	10.89	43	794922	51.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	591230	50.653	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	667432	61.845	ug/l	90
77) Bromobenzene	11.25	156	466479	51.303	ug/l	99
78) n-propylbenzene	11.35	91	2029778	54.023	ug/l	99
79) 2-Chlorotoluene	11.42	91	1175456	52.153	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1488615	53.964	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	202817	51.415	ug/l	98
82) 4-Chlorotoluene	11.51	91	1369251	52.453	ug/l	100
83) tert-Butylbenzene	11.76	119	1526503	54.450	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1494219	53.372	ug/l	100
85) sec-Butylbenzene	11.94	105	1759126	54.935	ug/l	99
86) p-Isopropyltoluene	12.06	119	1619604	54.367	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	833963	52.616	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	829056	51.353	ug/l	99
89) n-Butylbenzene	12.39	91	1414402	55.668	ug/l	99
90) Hexachloroethane	12.59	117	293764	54.556	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	825440	52.708	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	125351	49.315	ug/l	99

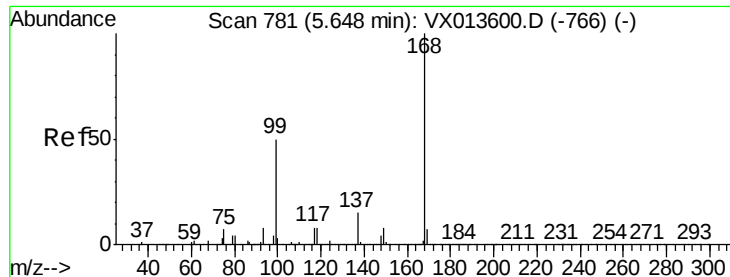
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	574430	52.631	ug/l	96
94) Hexachlorobutadiene	13.78	225	281889	53.765	ug/l	98
95) Naphthalene	13.83	128	1723064	53.012	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	567606	52.525	ug/l	98

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

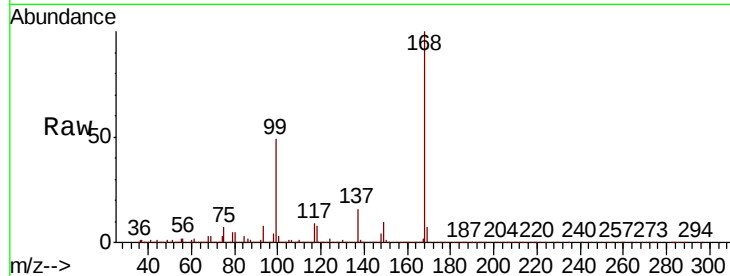


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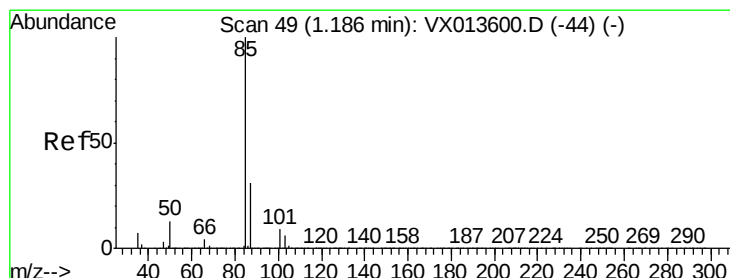
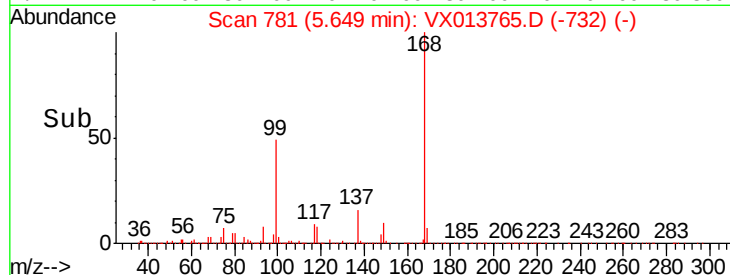
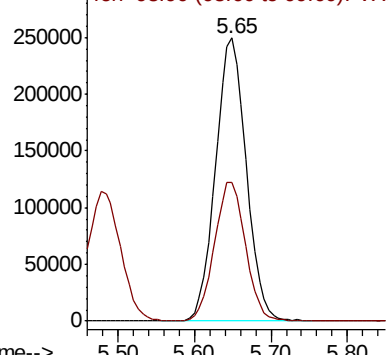
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 697932
Ion Ratio Lower Upper
168 100
99 49.0 39.8 59.8



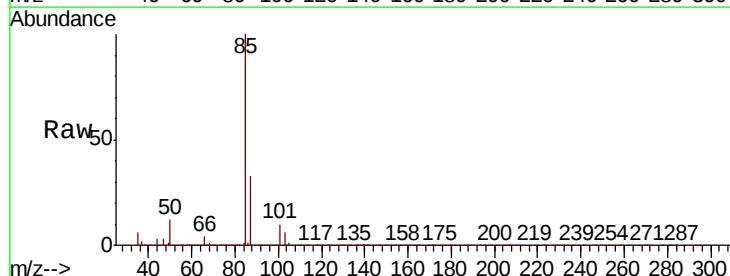
Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0



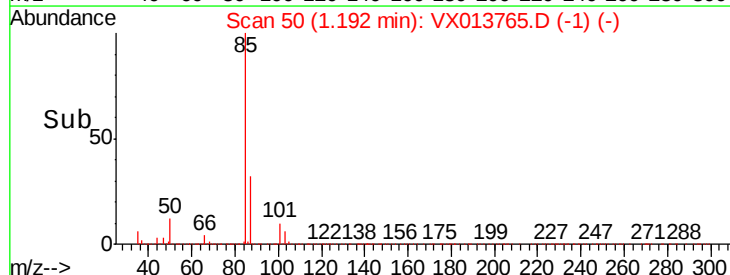
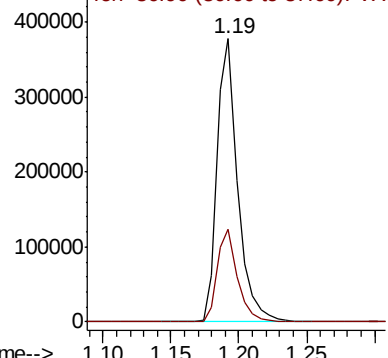
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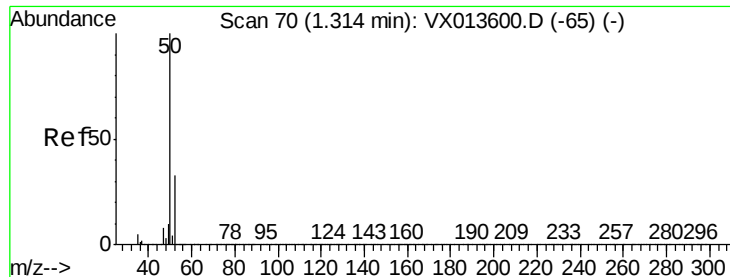
Dichlorodifluoromethane
Concen: 51.025 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion: 85 Resp: 396384
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0
Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.326 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

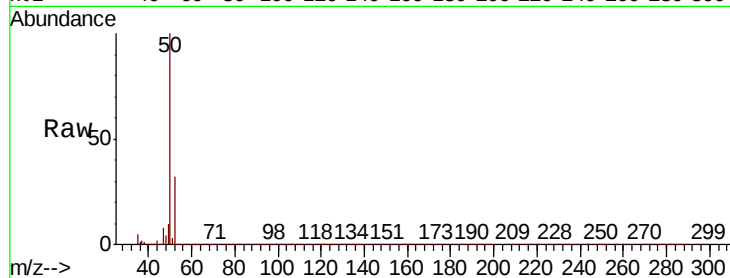
VSTDCCC050

Tot Ion: 50 Resp: 412524

Ion Ratio Lower Upper

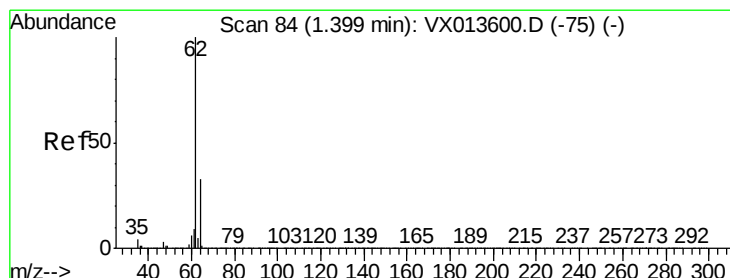
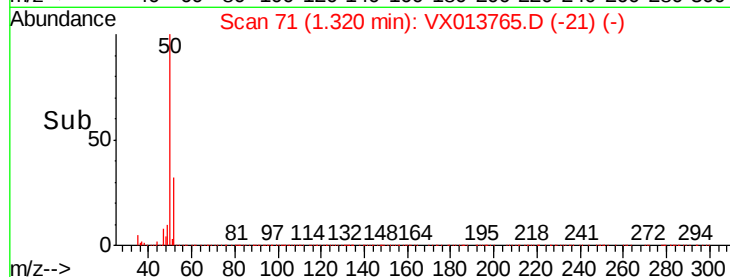
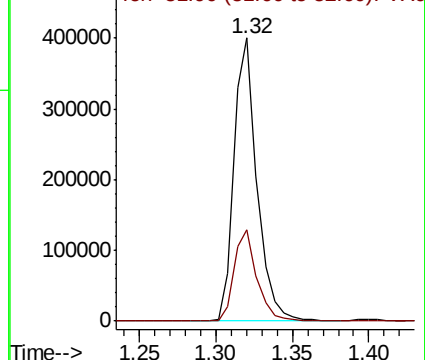
50 100

52 32.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.677 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013765.D

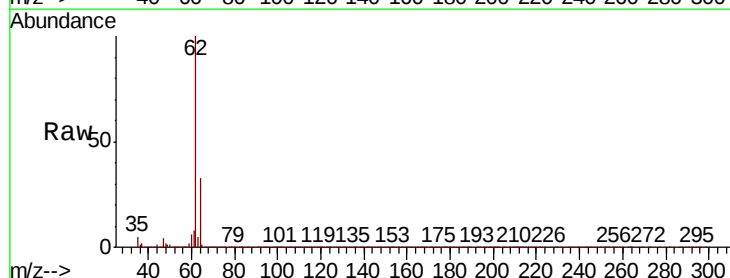
Acq: 05 Dec 2019 09:52

Tgt Ion: 62 Resp: 497188

Ion Ratio Lower Upper

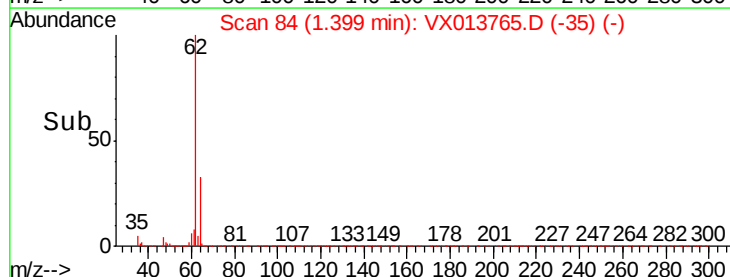
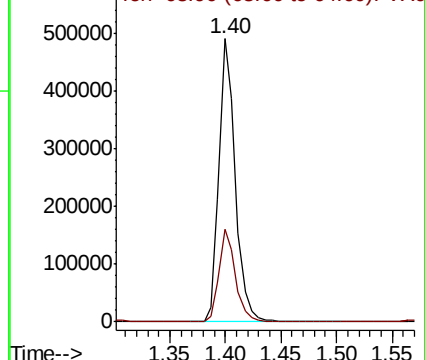
62 100

64 32.7 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.946 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

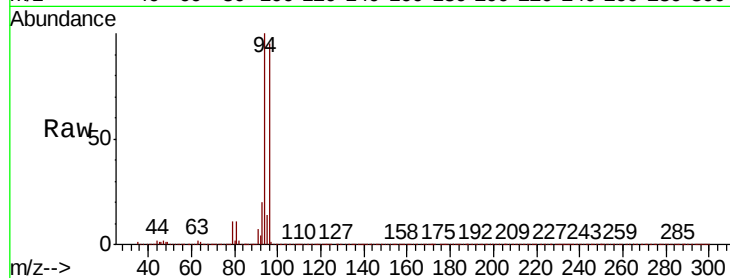
VSTDCCC050

Tot Ion: 94 Resp: 289548

Ion Ratio Lower Upper

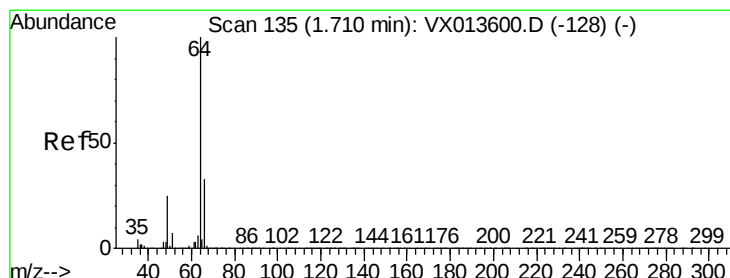
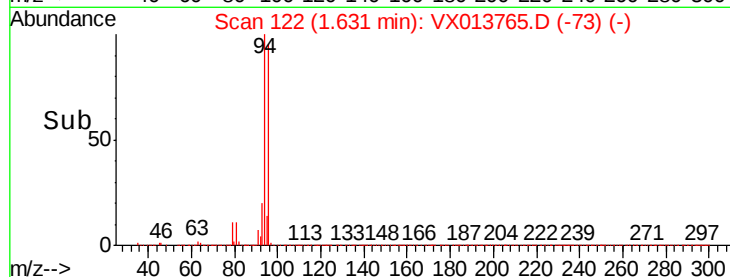
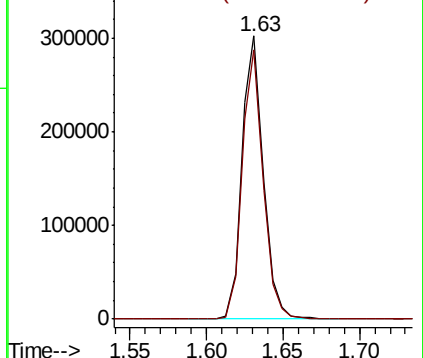
94 100

96 94.9 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.893 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013765.D

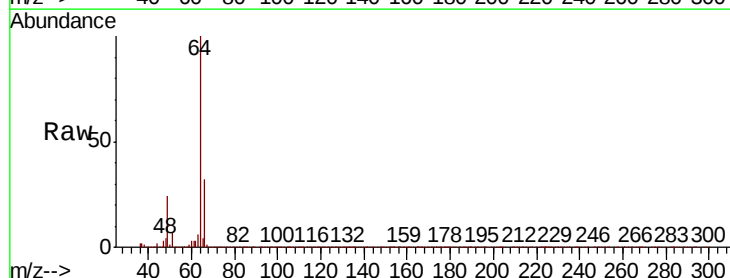
Acq: 05 Dec 2019 09:52

Tgt Ion: 64 Resp: 272958

Ion Ratio Lower Upper

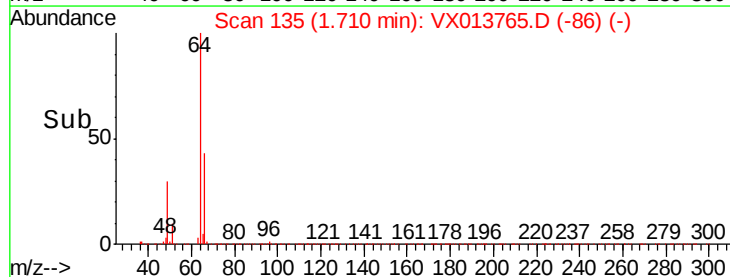
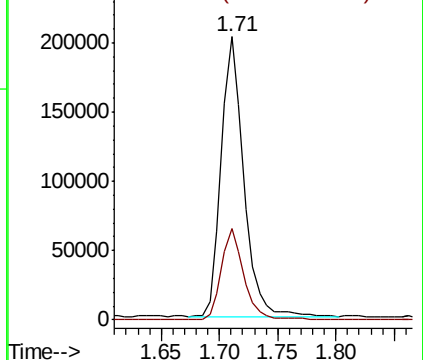
64 100

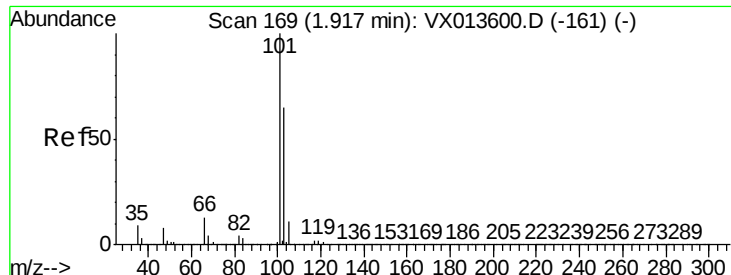
66 32.4 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



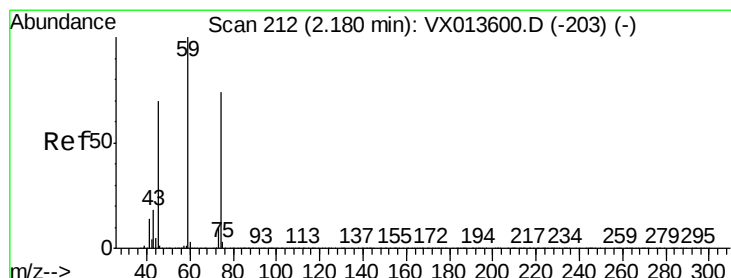
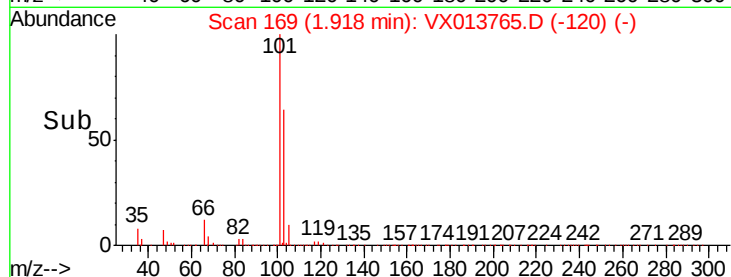
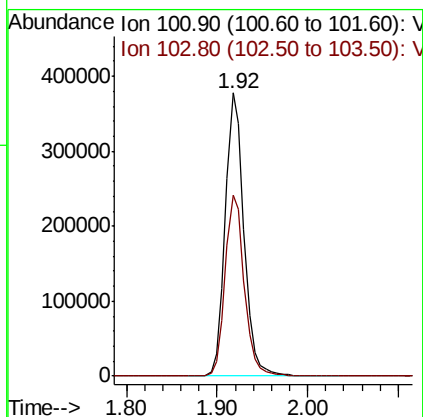
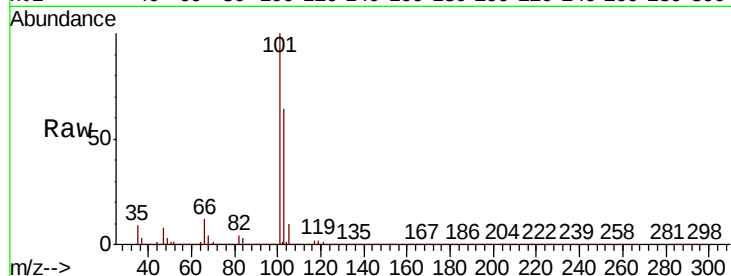


#7

Trichlorofluoromethane
 Concen: 49.701 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013765.D
 Acq: 05 Dec 2019 09:52

Instrument :
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 ClientSampleId :
 VSTDCCC050

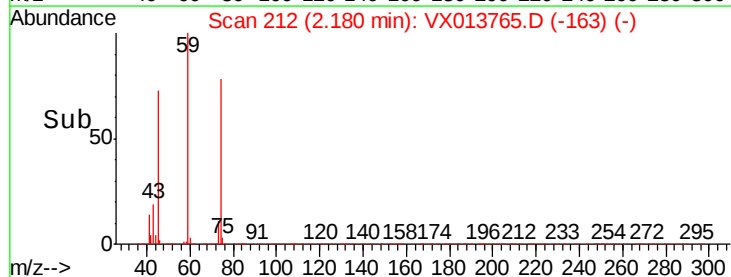
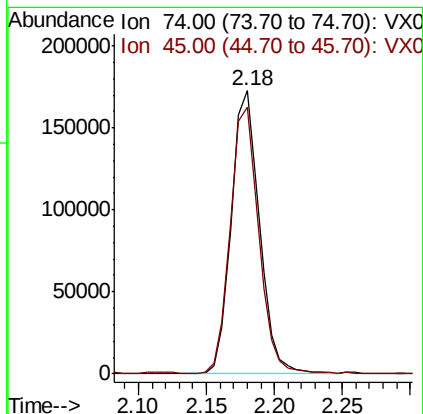
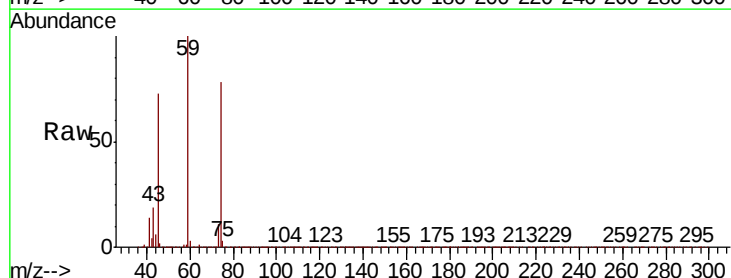
Tot Ion:101 Resp: 541441
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.8 77.6

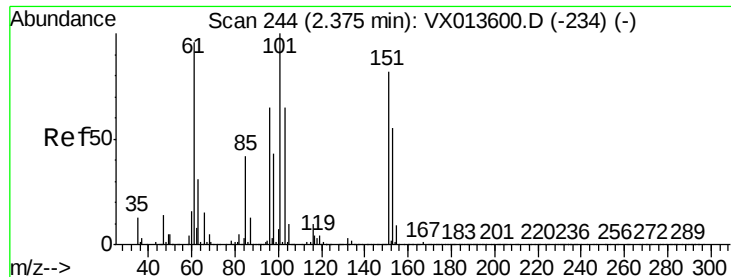


#8

Diethyl Ether
 Concen: 50.503 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX013765.D
 Acq: 05 Dec 2019 09:52

Tgt Ion: 74 Resp: 248906
 Ion Ratio Lower Upper
 74 100
 45 94.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.788 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

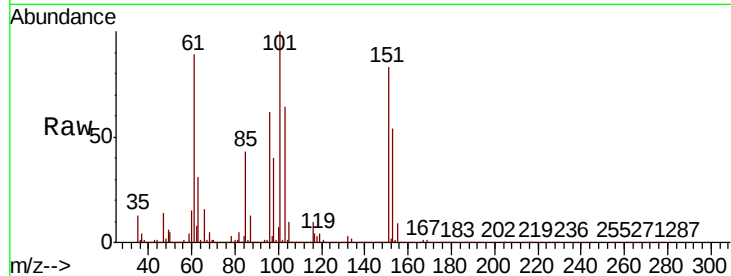
Tot Ion:101 Resp: 337955

Ion Ratio Lower Upper

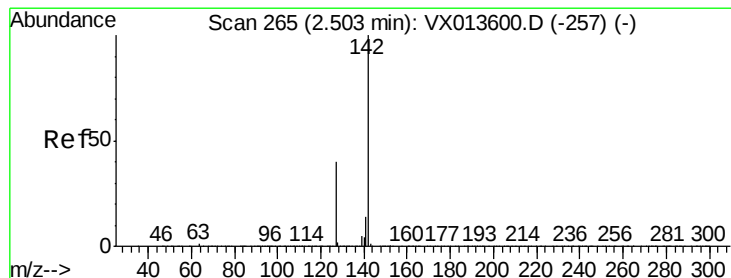
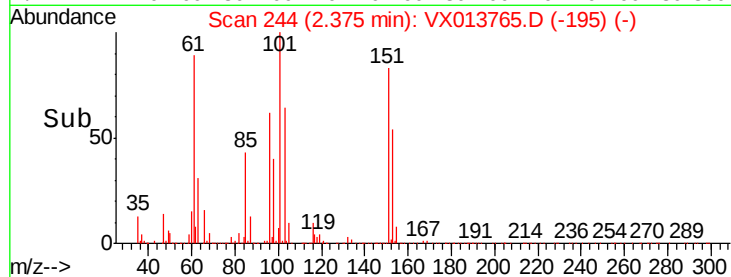
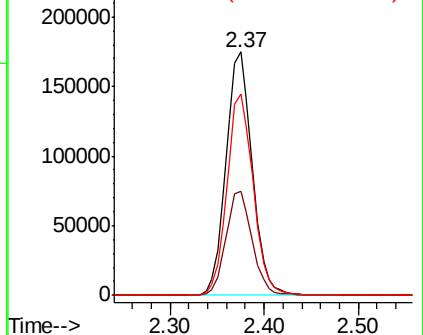
101 100

85 43.0 33.9 50.9

151 82.9 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.121 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

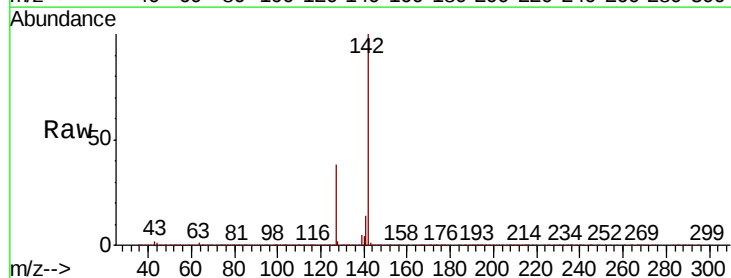
Tgt Ion:142 Resp: 395390

Ion Ratio Lower Upper

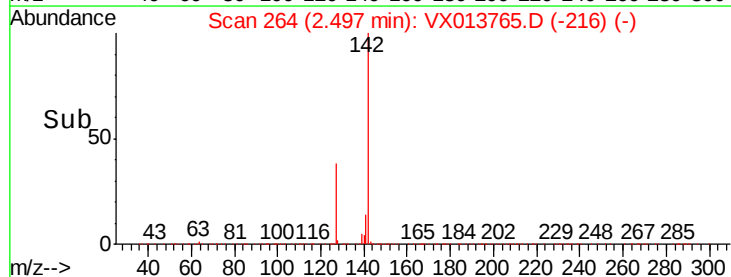
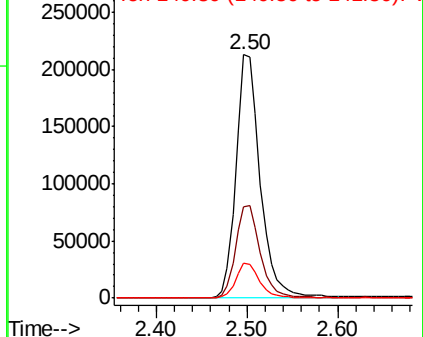
142 100

127 38.7 31.0 46.4

141 14.1 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



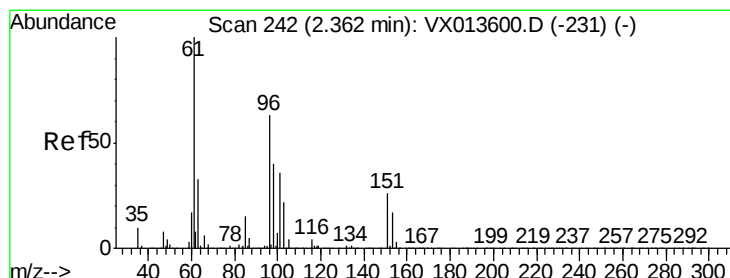
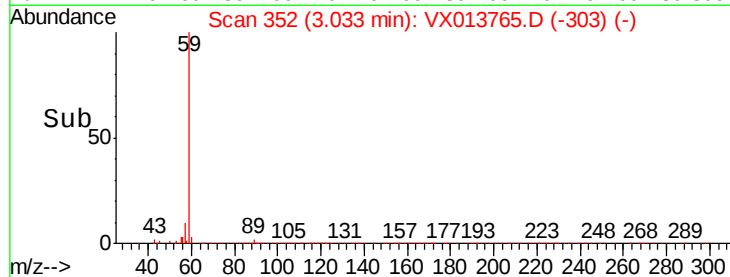
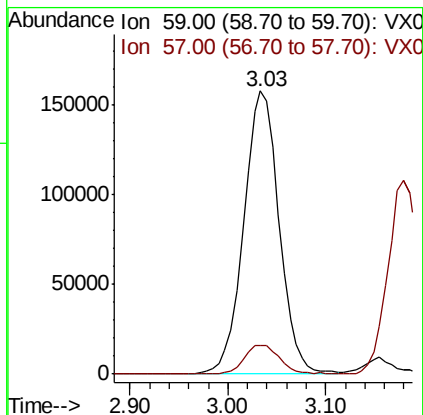
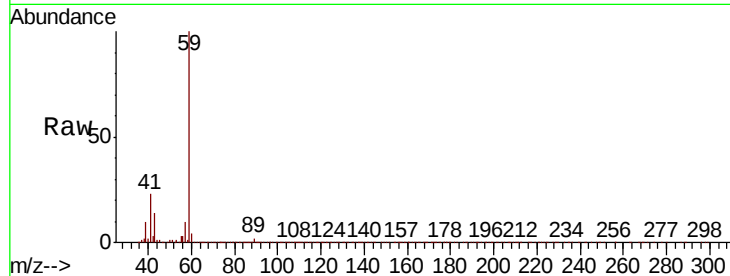


#11

Tert butyl alcohol
Concen: 196.991 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

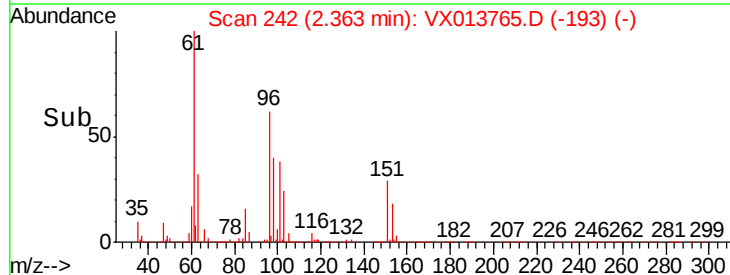
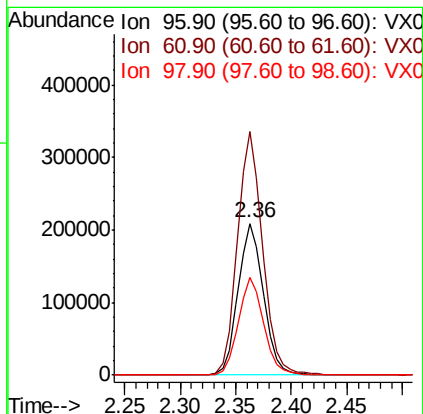
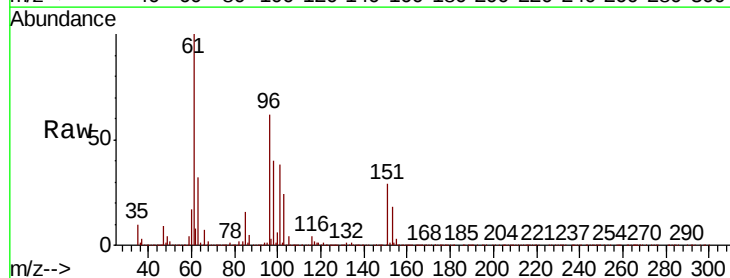
Tot Ion: 59 Resp: 393921
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6

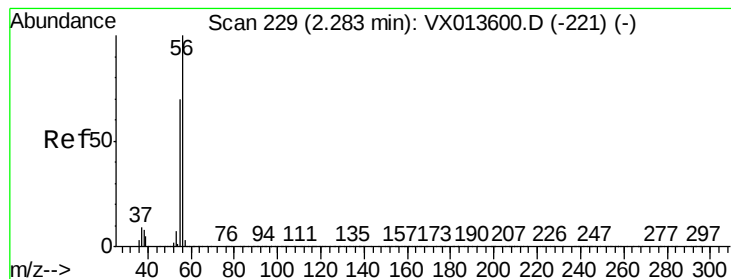


#12

1,1-Dichloroethene
Concen: 49.552 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion: 96 Resp: 329126
Ion Ratio Lower Upper
96 100
61 160.4 126.6 190.0
98 64.2 50.6 76.0





#13

Acrolein

Concen: 300.050 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

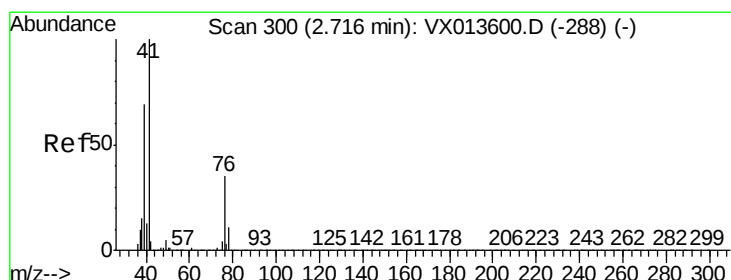
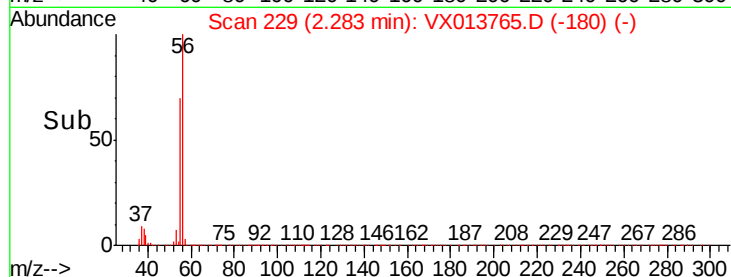
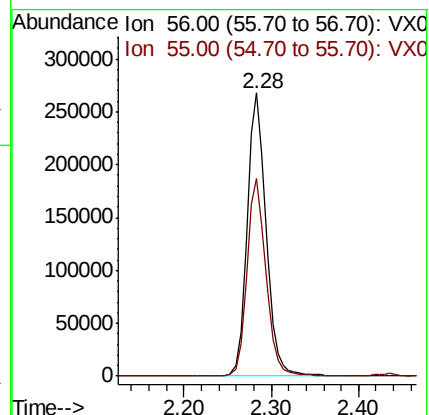
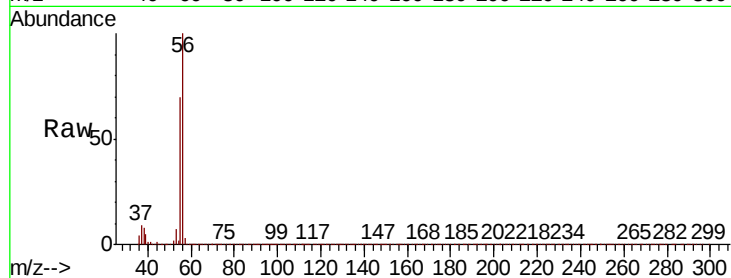
VSTDCCC050

Tot Ion: 56 Resp: 402915

Ion Ratio Lower Upper

56 100

55 69.5 56.2 84.4



#14

Allyl chloride

Concen: 49.192 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

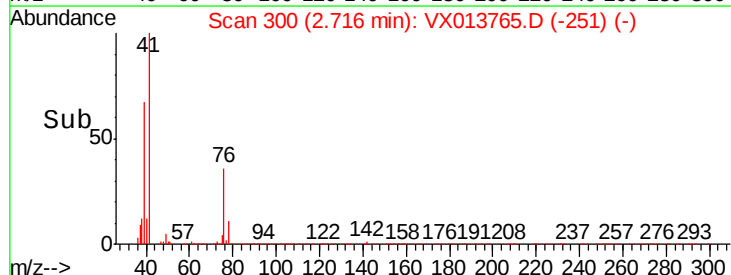
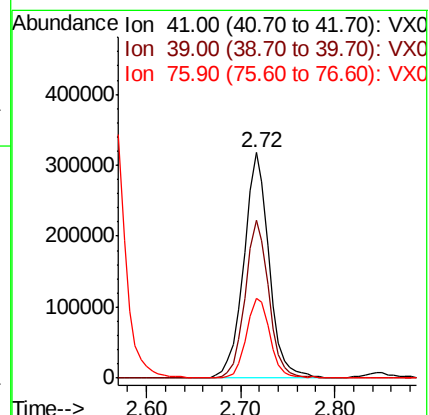
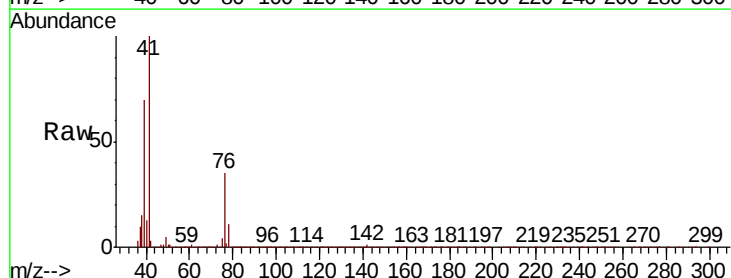
Tgt Ion: 41 Resp: 592945

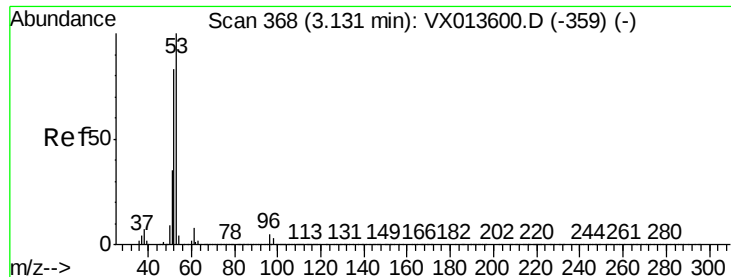
Ion Ratio Lower Upper

41 100

39 65.8 51.7 77.5

76 33.1 25.9 38.9





#15

Acrylonitrile

Concen: 233.423 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

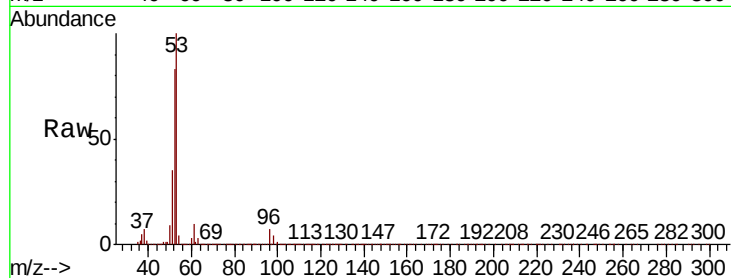
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 963505

Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.2
51	35.3	29.0	43.6

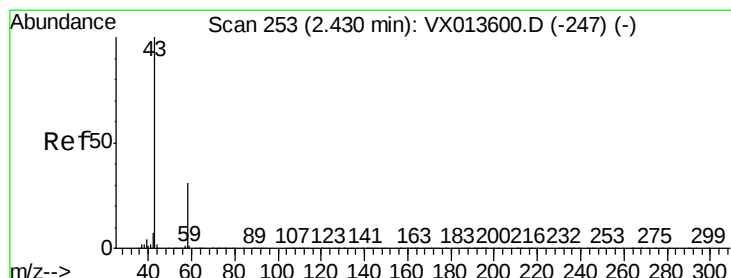
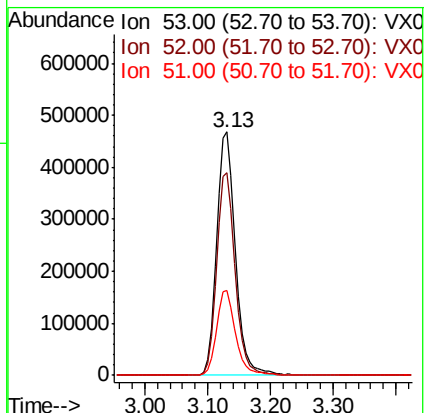
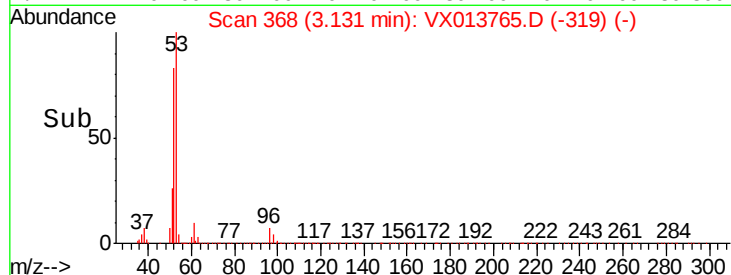


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 290.947 ug/l

RT: 2.43 min Scan# 253

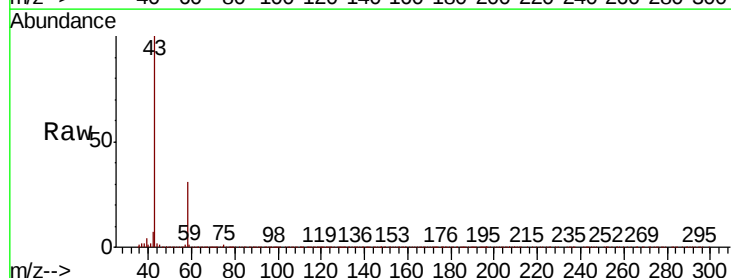
Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Tgt Ion: 43 Resp: 1163720

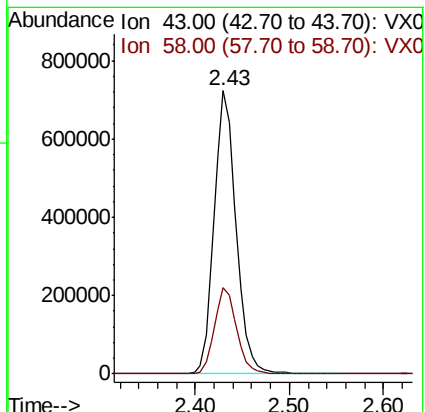
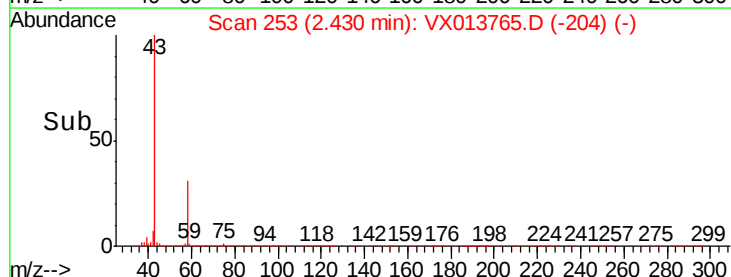
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.6	36.8

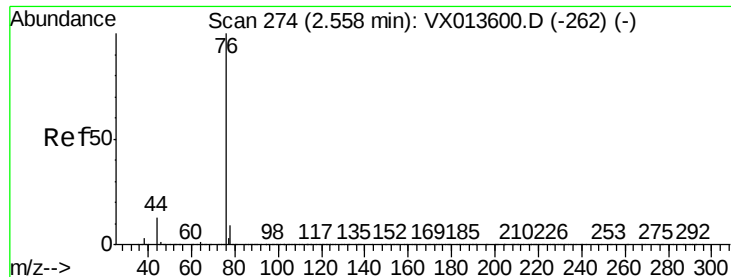


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.510 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

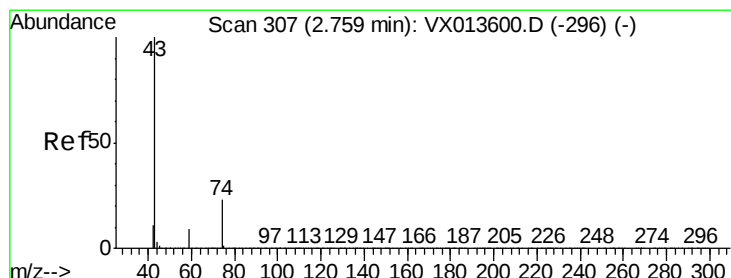
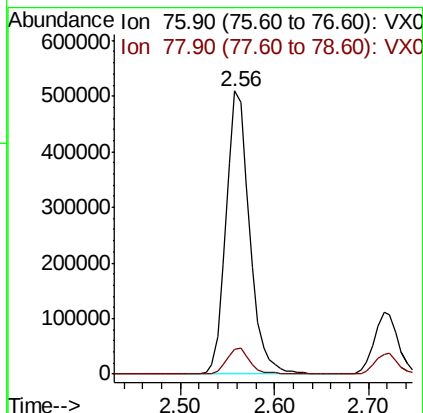
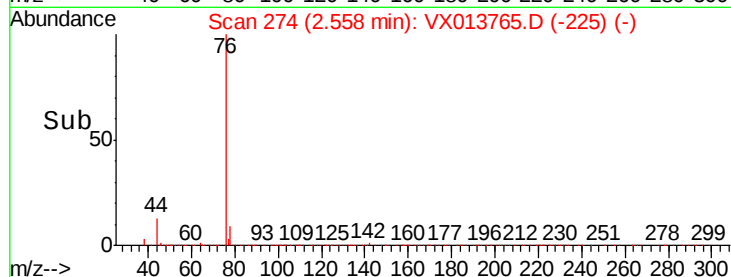
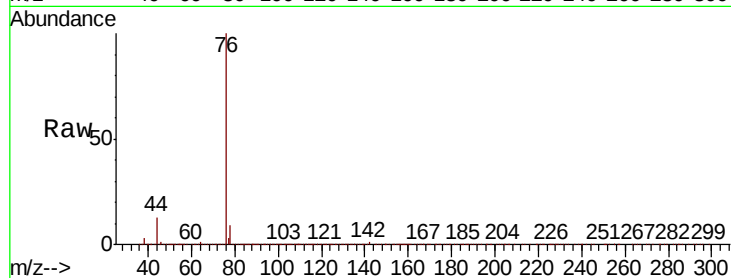
VSTDCCC050

Tot Ion: 76 Resp: 880627

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#18

Methyl Acetate

Concen: 49.561 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013765.D

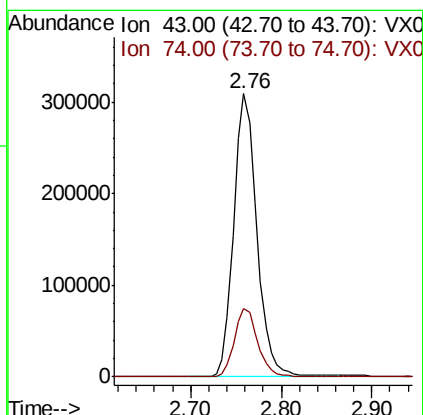
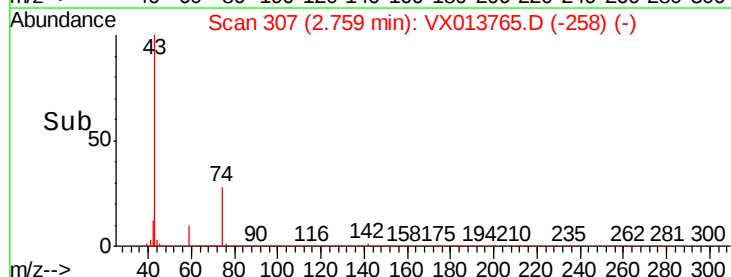
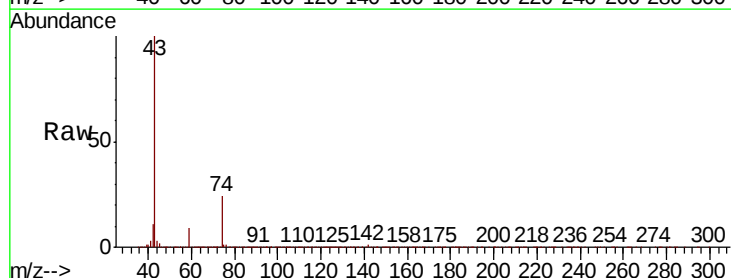
Acq: 05 Dec 2019 09:52

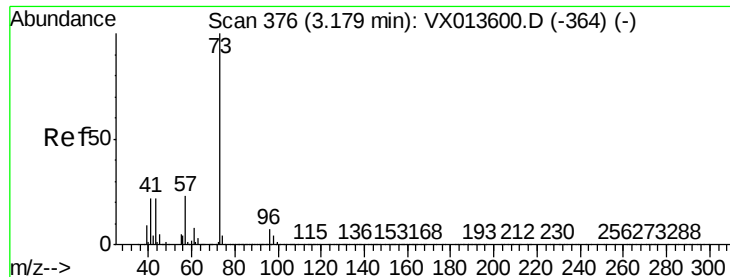
Tgt Ion: 43 Resp: 552003

Ion Ratio Lower Upper

43 100

74 24.3 19.5 29.3

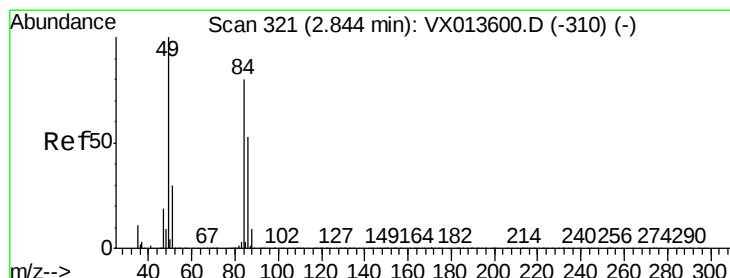
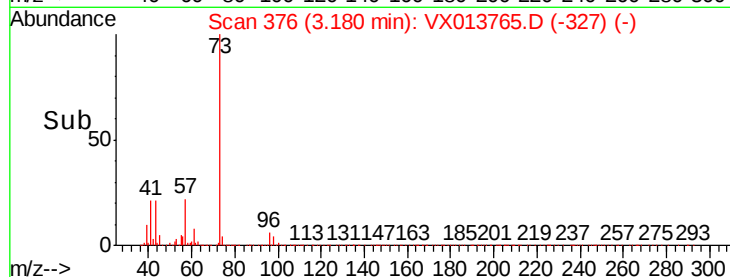
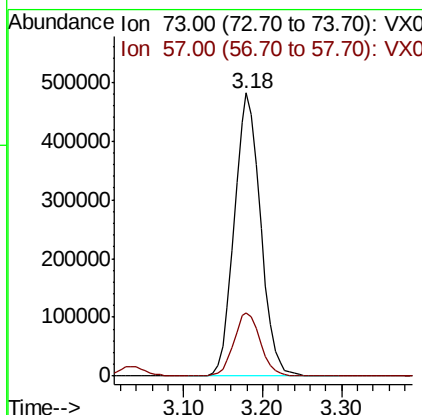
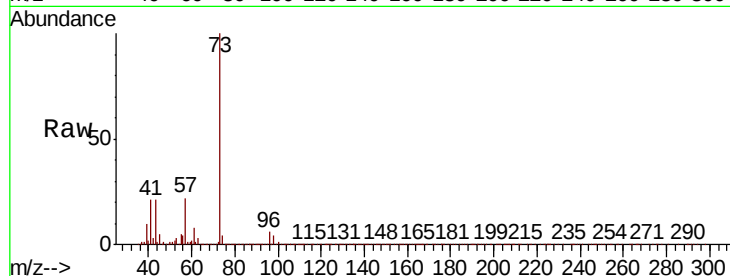




#19
Methvl tert-butvl Ether
Concen: 50.590 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

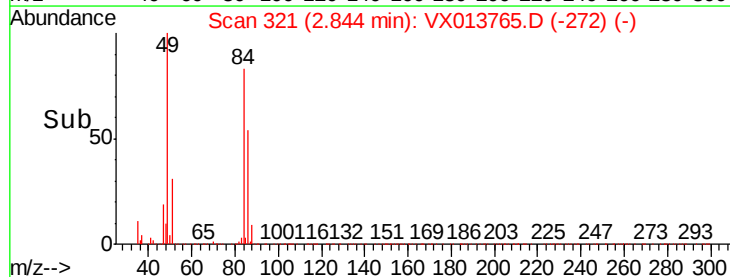
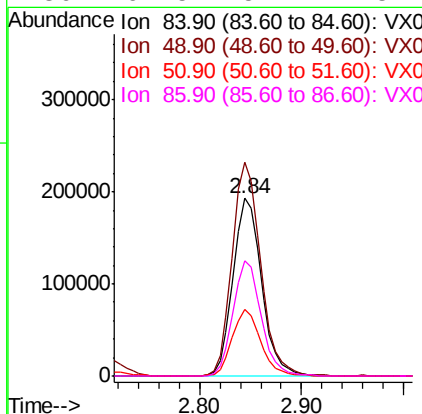
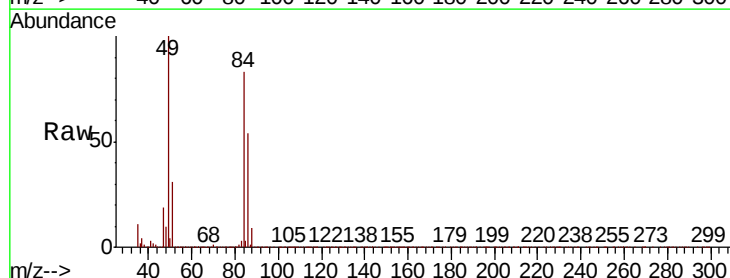
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

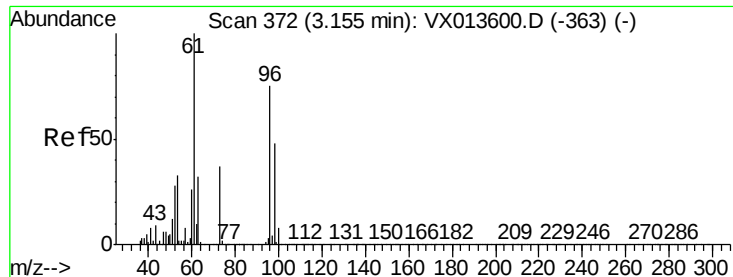
Tot Ion: 73 Resp: 1113161
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 48.759 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion: 84 Resp: 374677
Ion Ratio Lower Upper
84 100
49 120.2 99.7 149.5
51 37.5 29.9 44.9
86 64.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 49.007 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

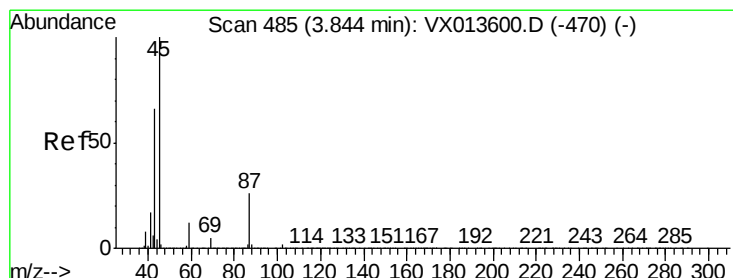
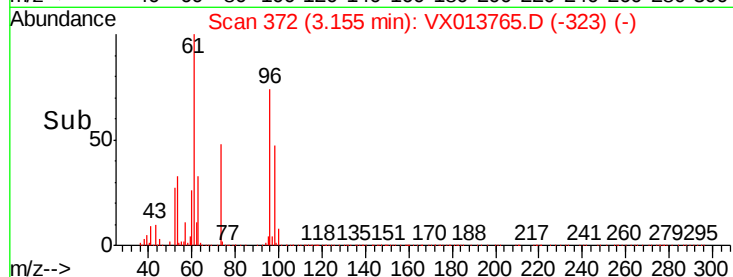
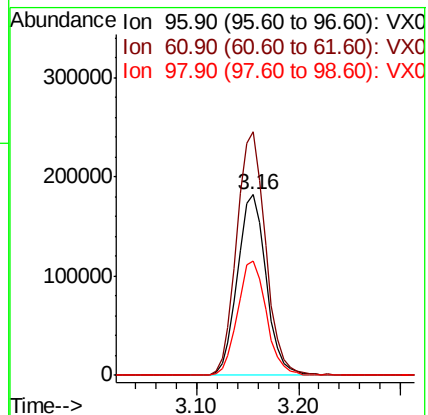
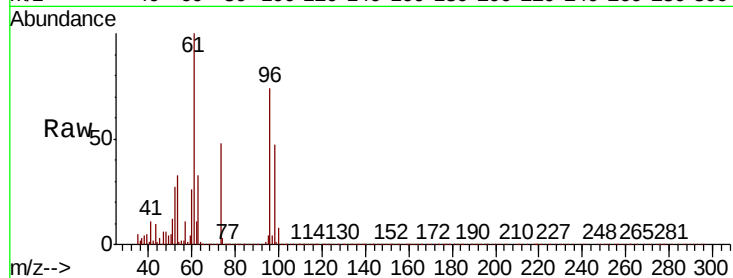
Tot Ion: 96 Resp: 354600

Ion Ratio Lower Upper

96 100

61 134.7 107.2 160.8

98 63.4 51.4 77.0



#22

Diisopropyl ether

Concen: 50.928 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Tgt Ion: 45 Resp: 1182030

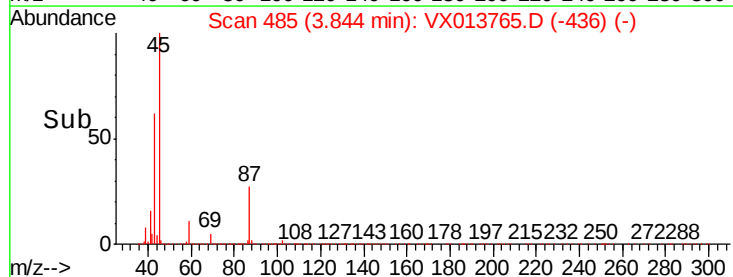
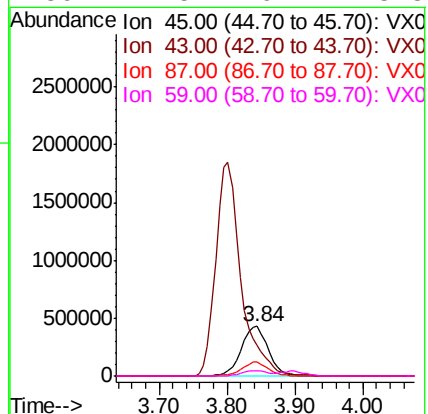
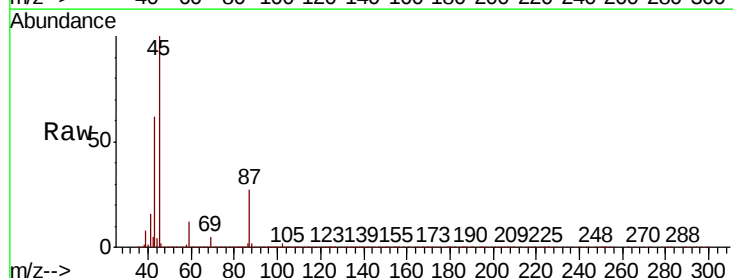
Ion Ratio Lower Upper

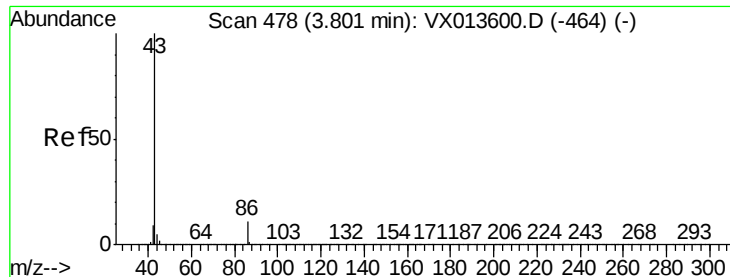
45 100

43 61.3 52.6 79.0

87 27.4 21.1 31.7

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 248.324 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

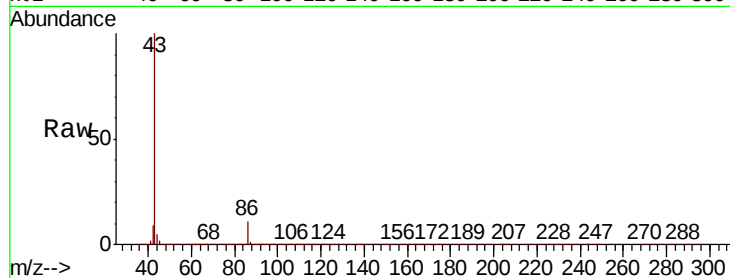
VSTDCCC050

Tot Ion: 43 Resp: 4794639

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

2000000

1500000

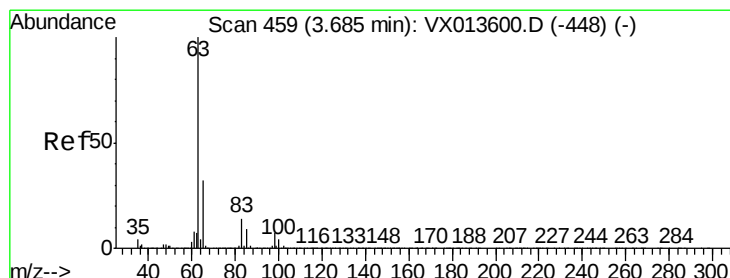
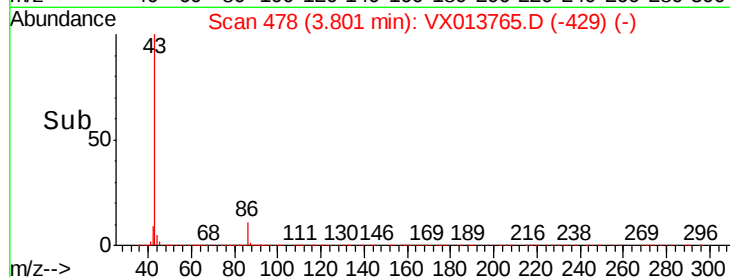
1000000

500000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 50.824 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

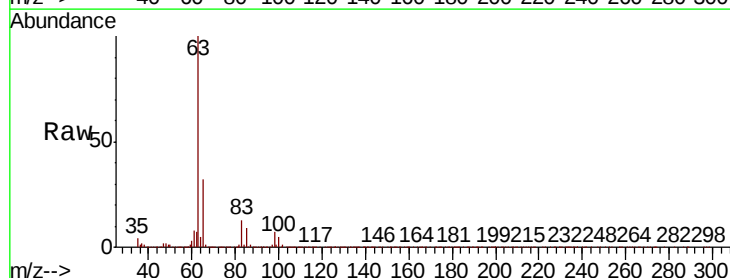
Tgt Ion: 63 Resp: 644851

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.8 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.68

300000

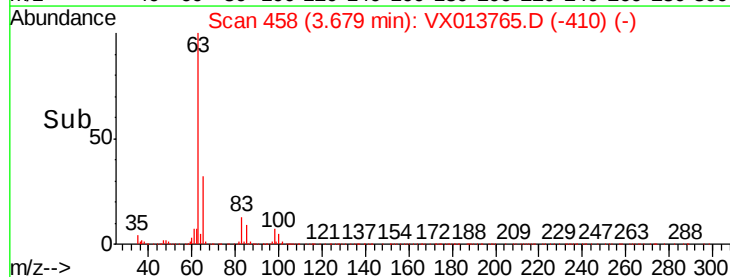
200000

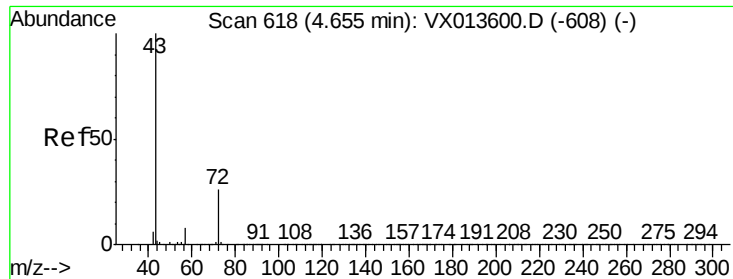
100000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 256.800 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

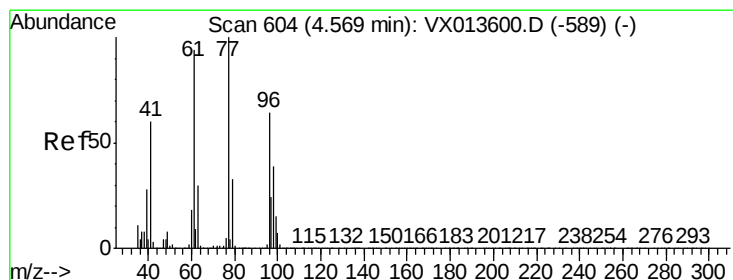
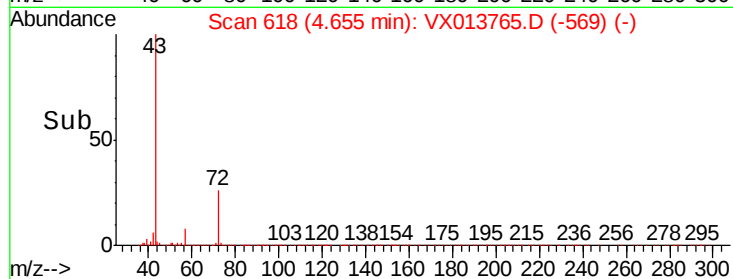
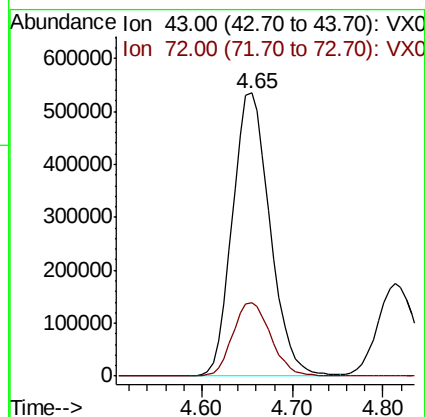
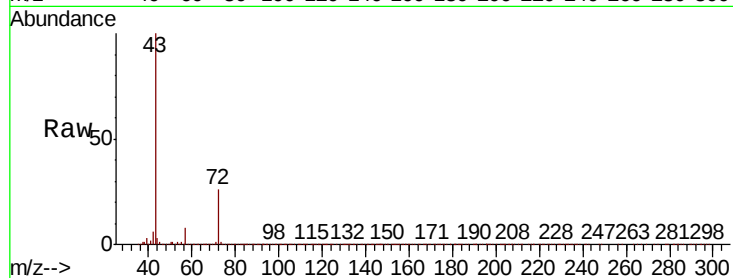
VSTDCCC050

Tot Ion: 43 Resp: 1526529

Ion Ratio Lower Upper

43 100

72 26.0 20.6 31.0



#26

2,2-Dichloropropane

Concen: 51.904 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013765.D

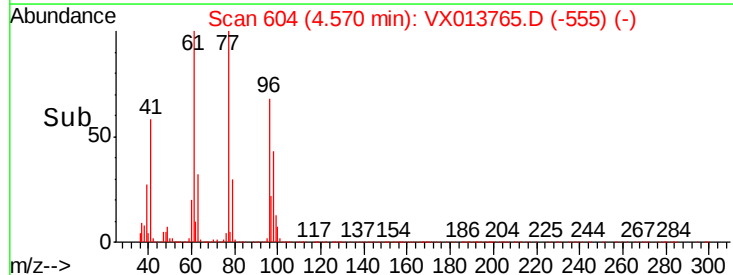
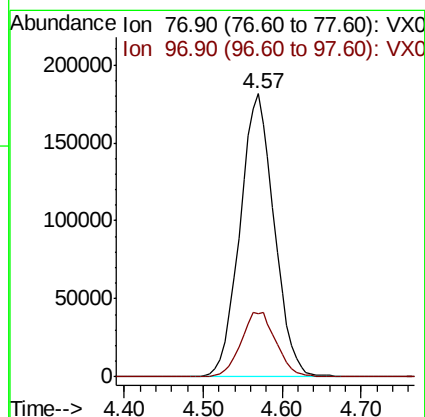
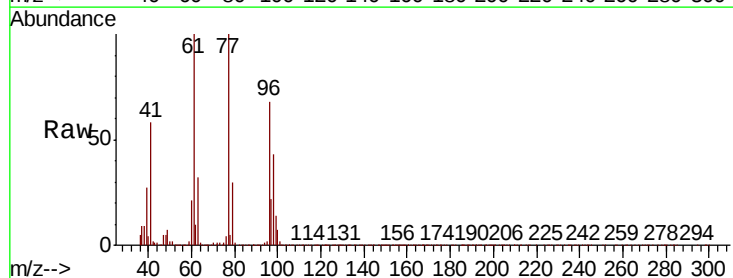
Acq: 05 Dec 2019 09:52

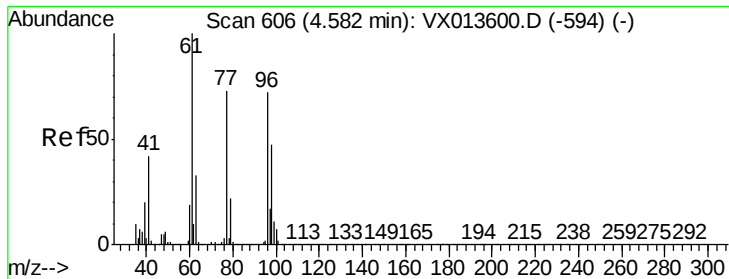
Tgt Ion: 77 Resp: 544868

Ion Ratio Lower Upper

77 100

97 23.4 12.0 36.1



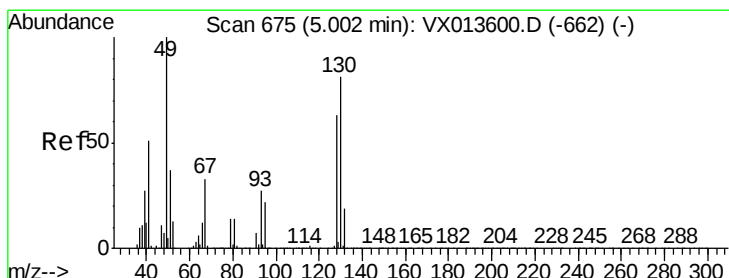
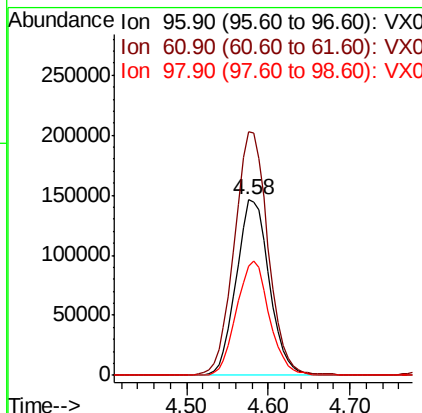
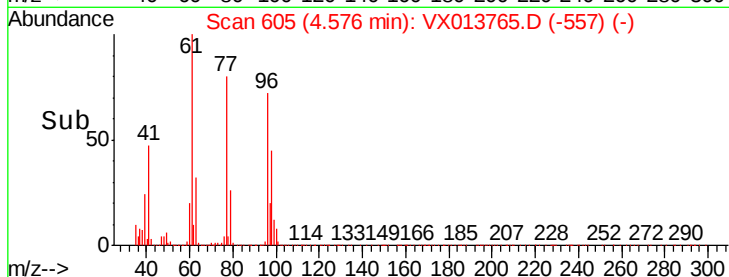
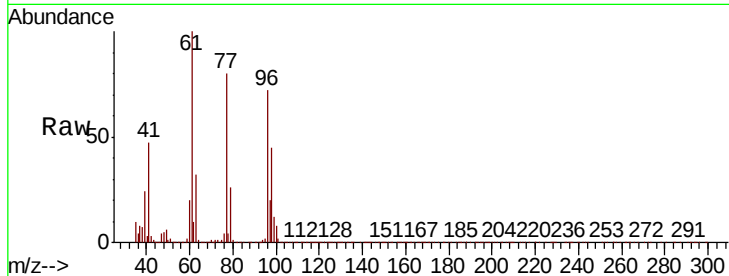


#27

cis-1,2-Dichloroethene
Concen: 49.403 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

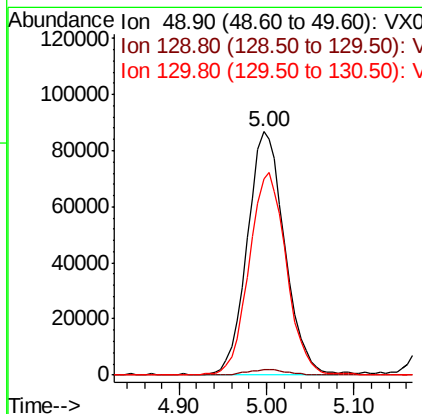
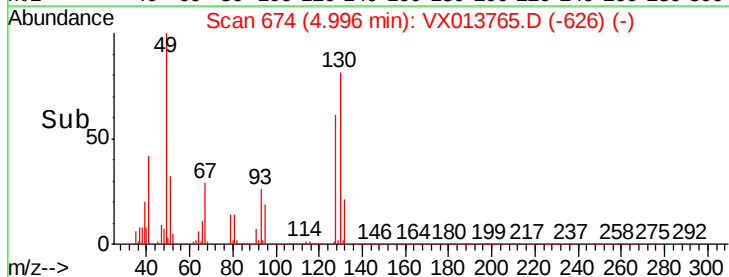
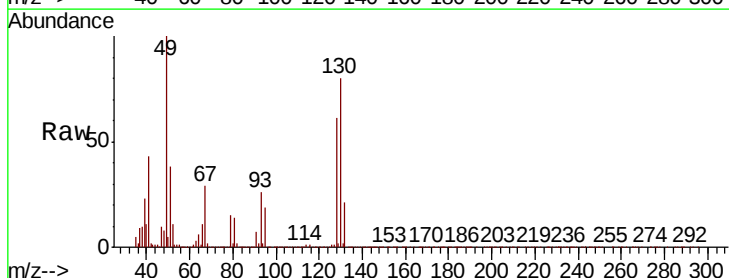
Tot Ion: 96 Resp: 410518
Ion Ratio Lower Upper
96 100
61 141.7 0.0 286.4
98 64.7 0.0 127.4

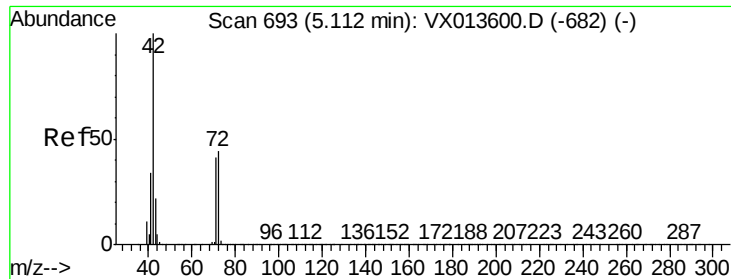


#28

Bromochloromethane
Concen: 51.635 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion: 49 Resp: 258894
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 83.0 65.4 98.0

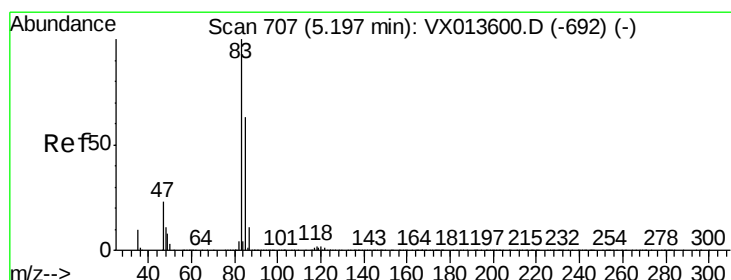
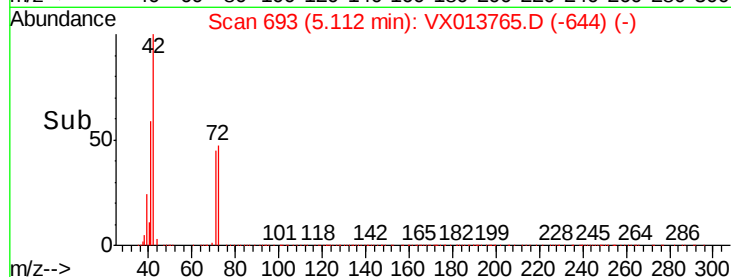
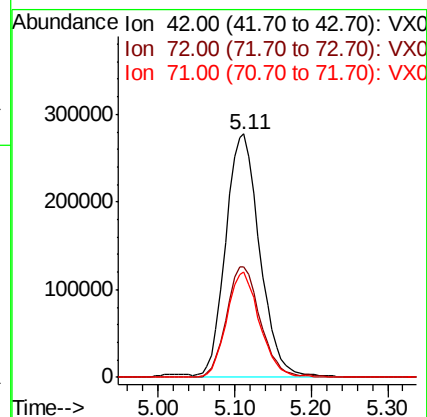
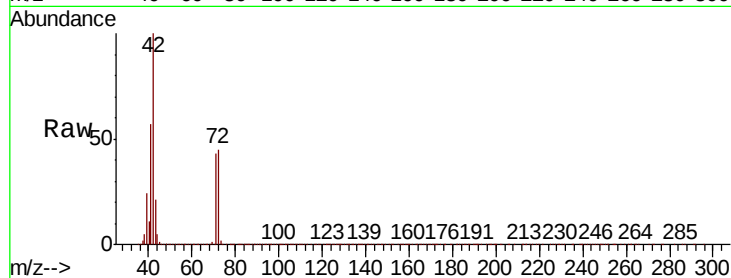




#29
Tetrahydrofuran
Concen: 231.704 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

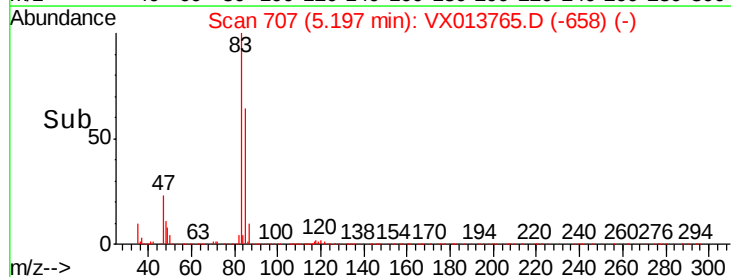
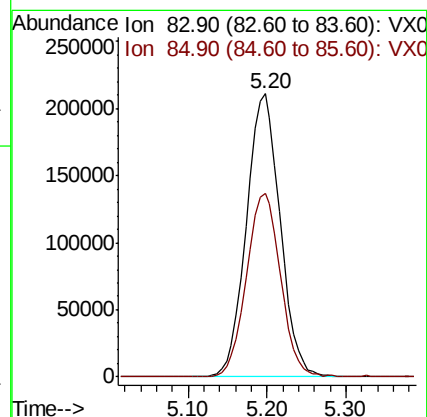
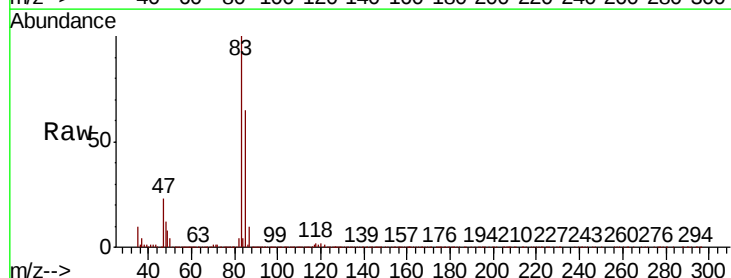
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

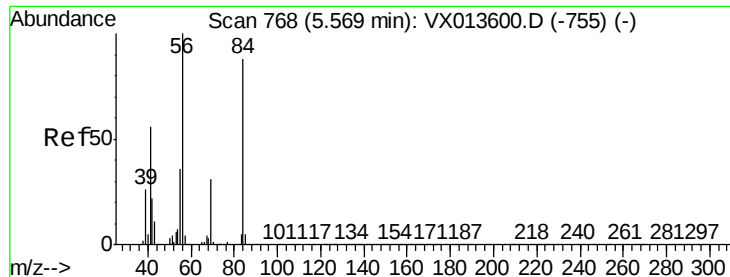
Tot Ion: 42 Resp: 849091
Ion Ratio Lower Upper
42 100
72 45.5 36.3 54.5
71 42.1 33.2 49.8



#30
Chloroform
Concen: 48.680 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion: 83 Resp: 626387
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.4

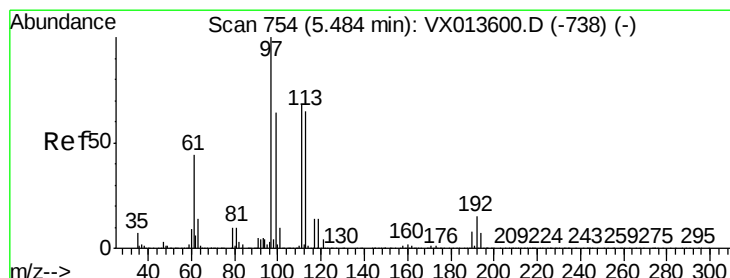
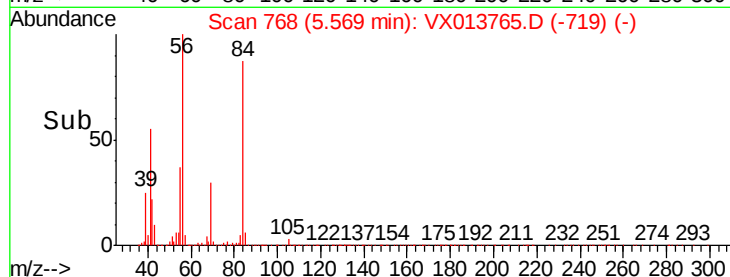
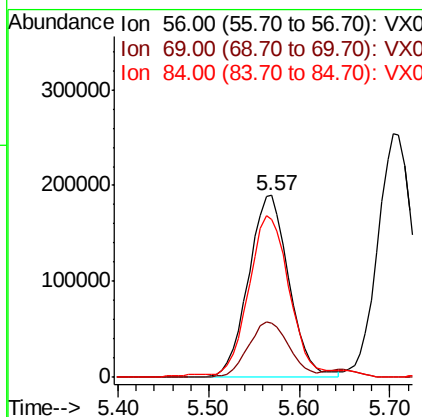
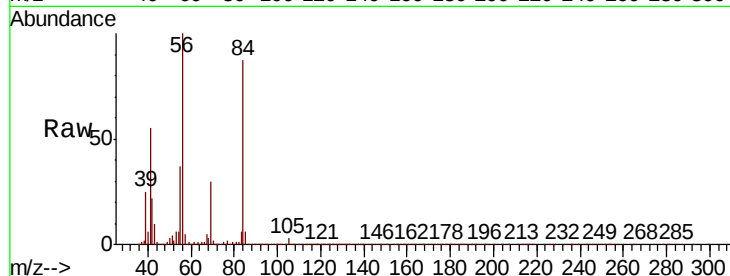




#31
Cyclohexane
Concen: 48.941 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

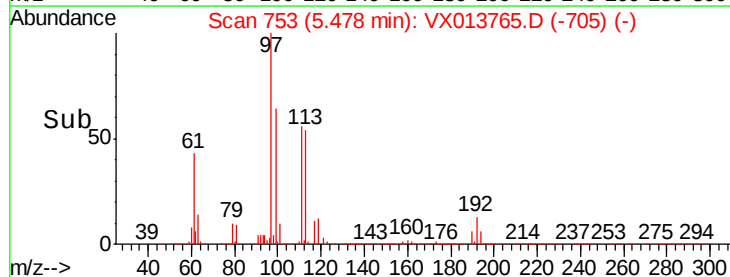
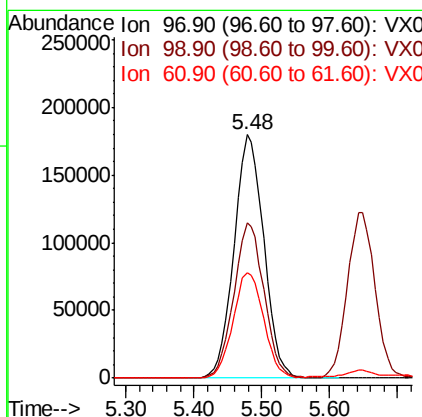
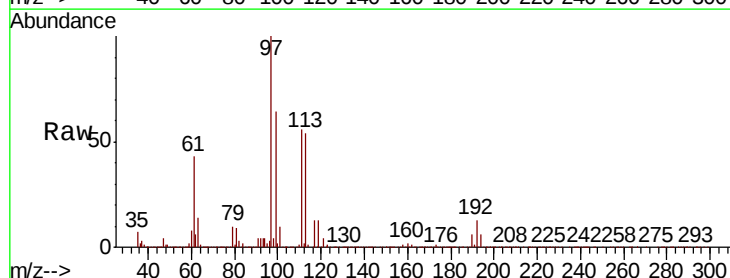
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

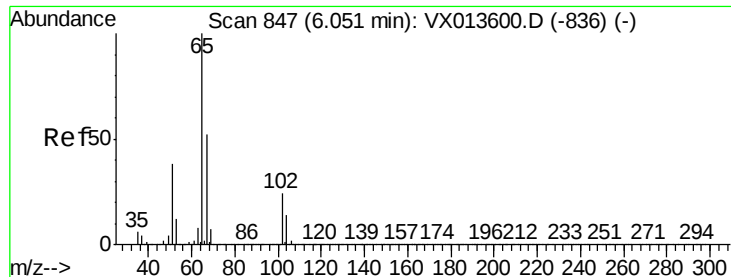
Tot Ion: 56 Resp: 585688
Ion Ratio Lower Upper
56 100
69 29.9 24.6 36.8
84 85.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.646 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion: 97 Resp: 544592
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 44.4 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 42.700 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

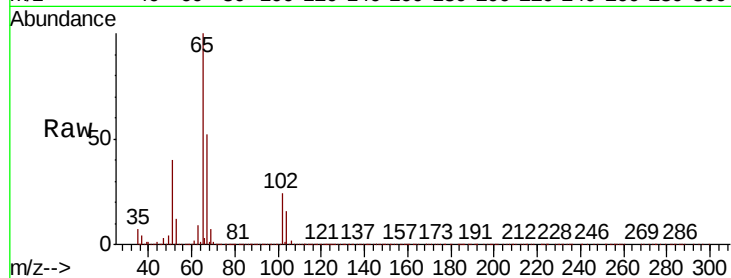
VSTDCCC050

Tot Ion: 65 Resp: 345929

Ion Ratio Lower Upper

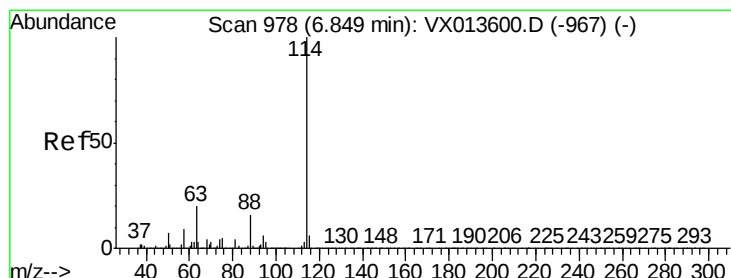
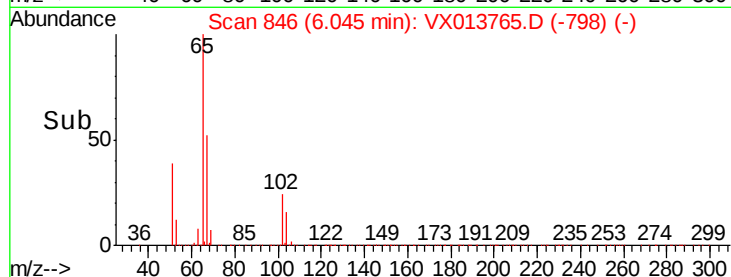
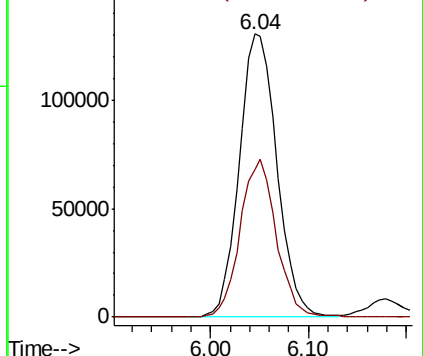
65 100

67 53.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

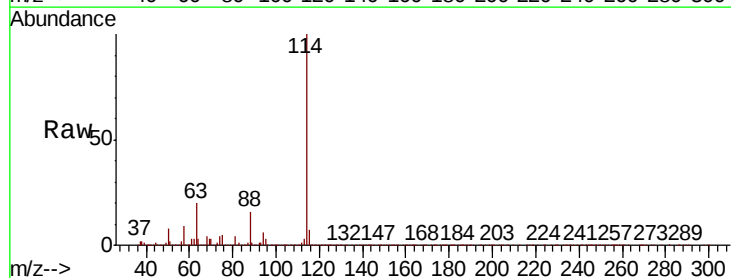
Tgt Ion: 114 Resp: 1023807

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

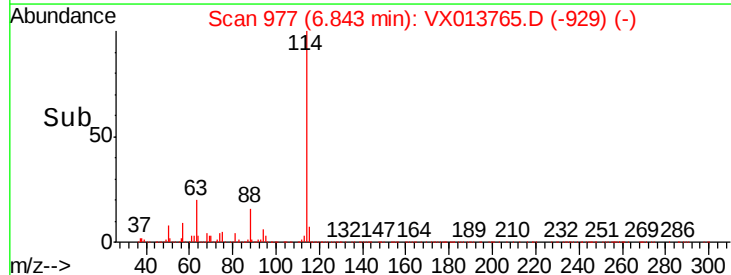
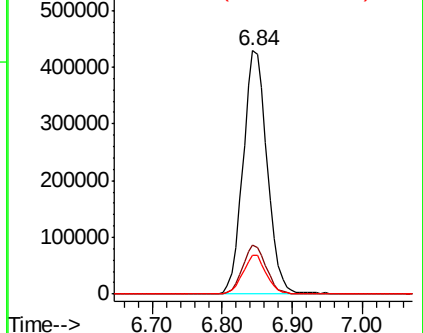
88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

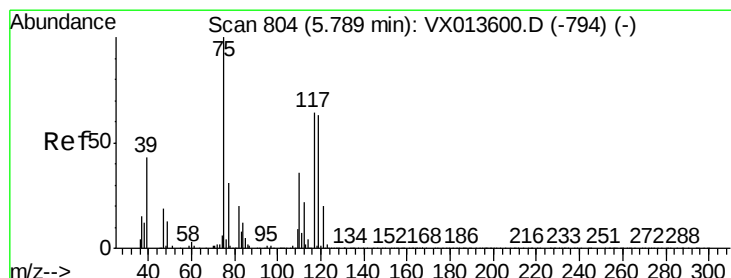
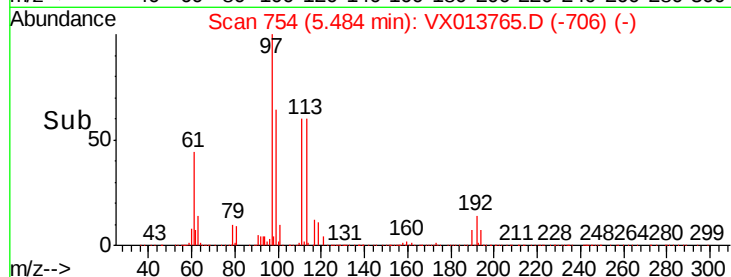
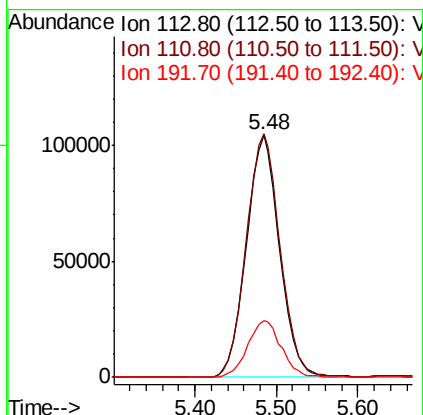
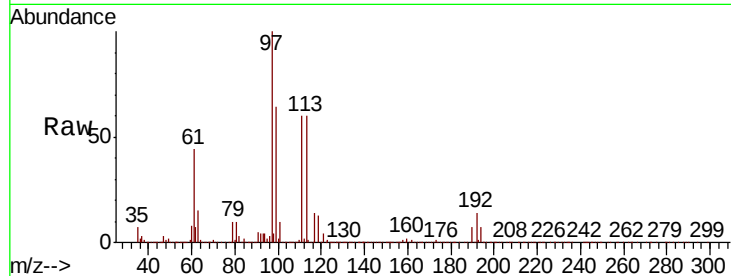




#35
 Dibromofluoromethane
 Concen: 46.438 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX013765.D
 Acq: 05 Dec 2019 09:52

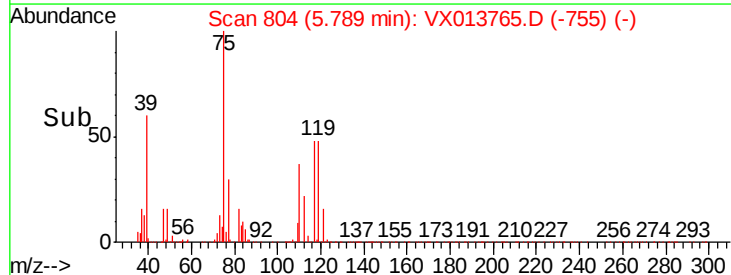
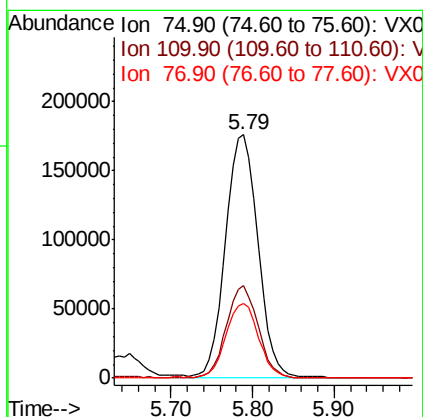
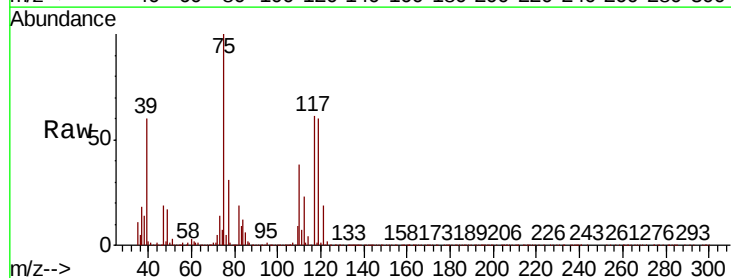
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

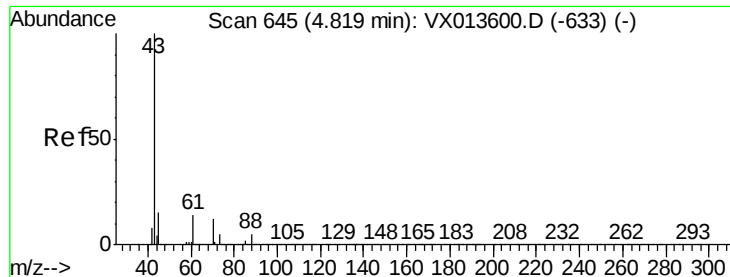
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.6	125.4
192	24.2	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 52.027 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013765.D
 Acq: 05 Dec 2019 09:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	30.6	24.5	36.7

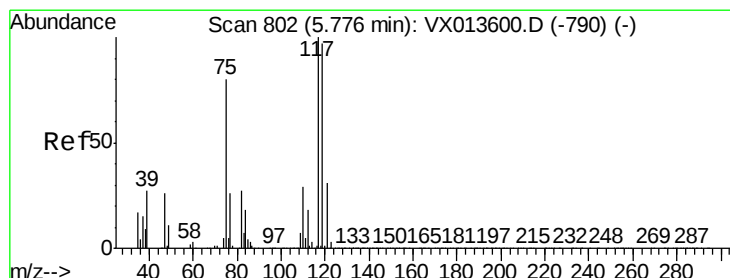
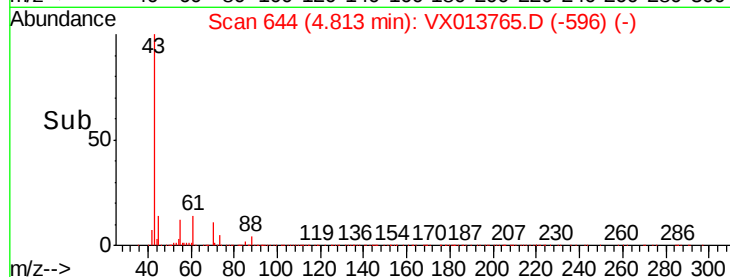
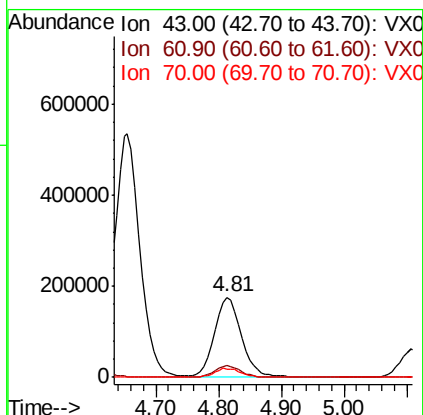
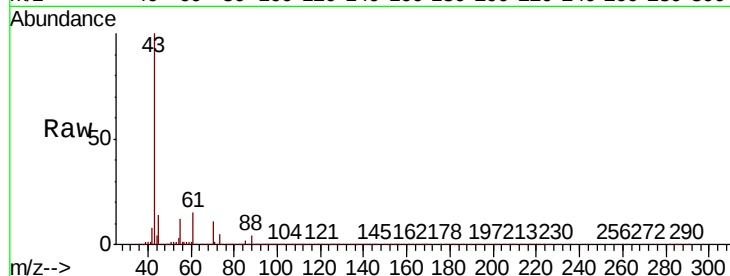




#37
Ethyl Acetate
Concen: 49.872 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

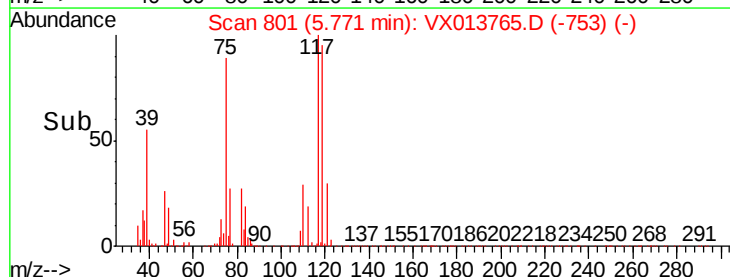
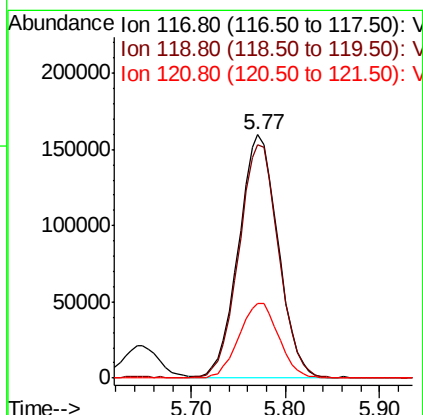
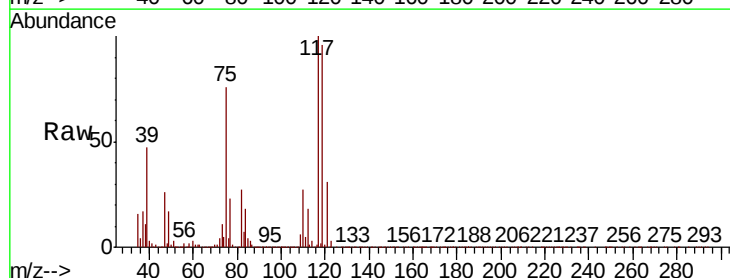
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

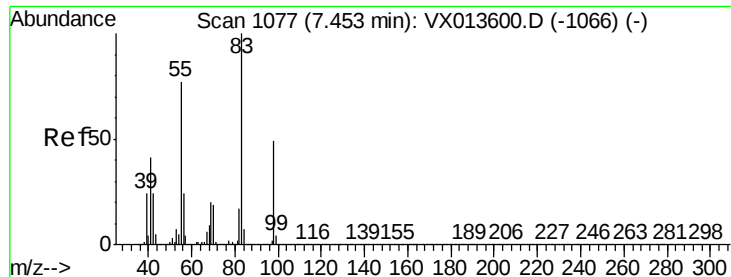
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	11.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 54.420 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.5	116.3
121	30.6	25.0	37.6

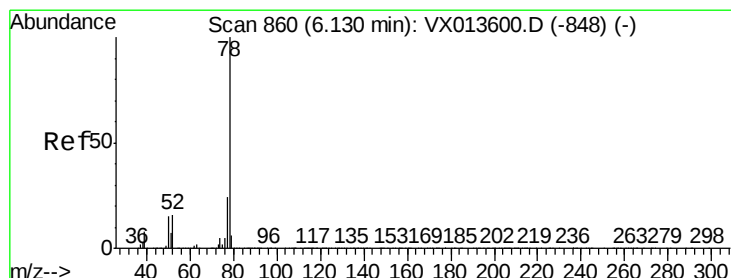
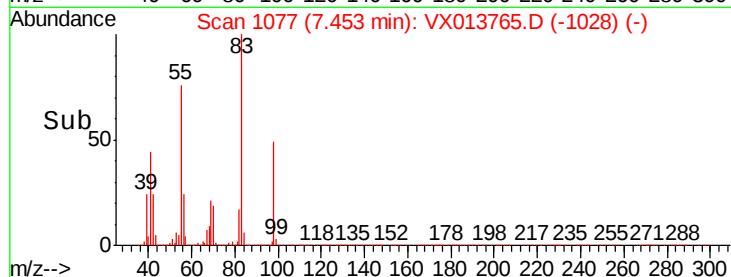
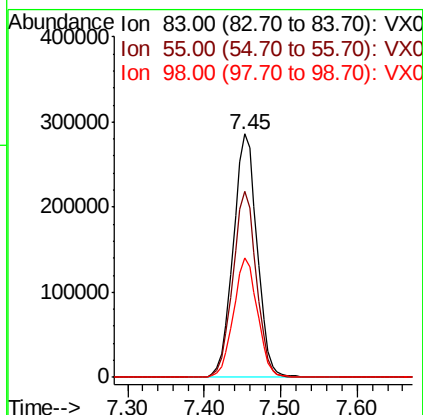
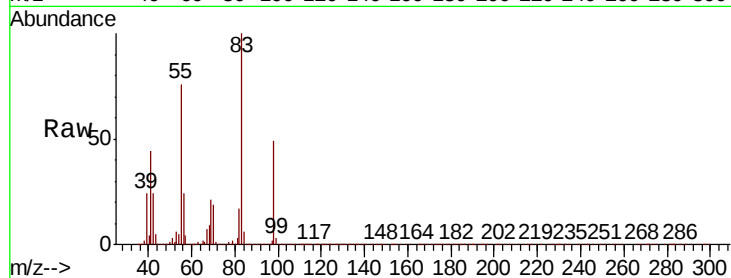




#39
Methvlcvclohexane
Concen: 53.584 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

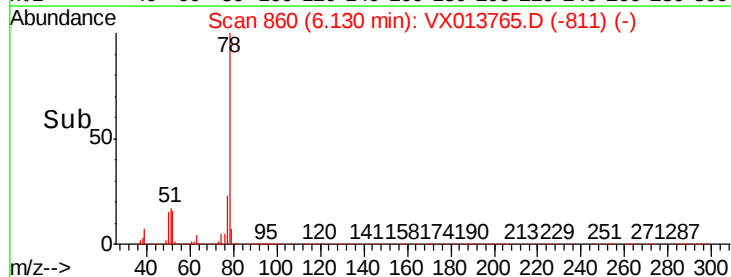
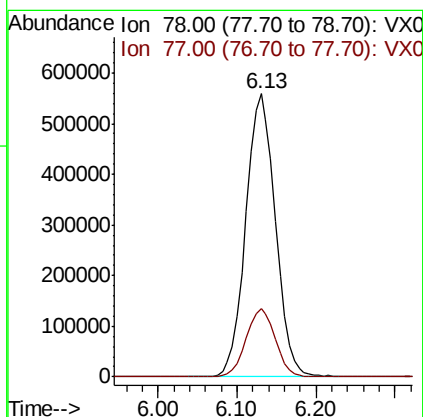
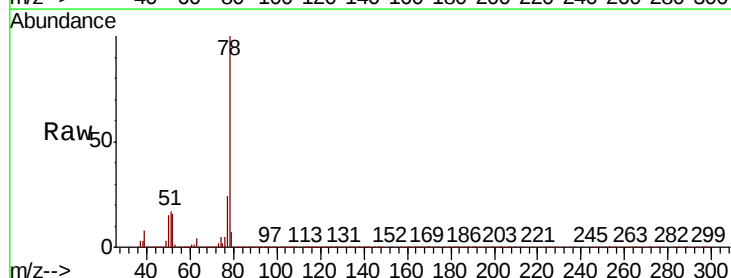
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

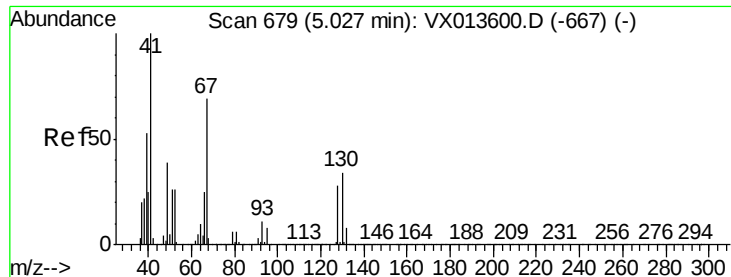
Tot Ion	83	Resp	615555
Ion Ratio	Lower	Upper	
83	100		
55	76.2	61.9	92.9
98	49.2	39.4	59.0



#40
Benzene
Concen: 51.578 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion	78	Resp	1459936
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.0	28.4

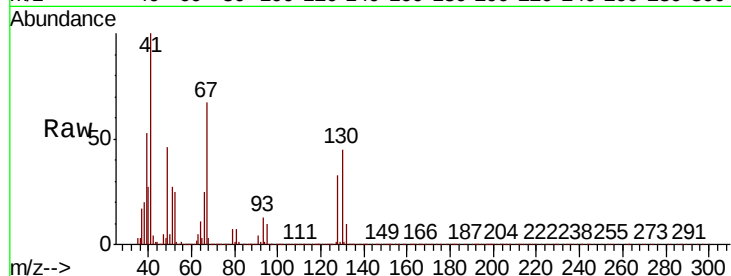




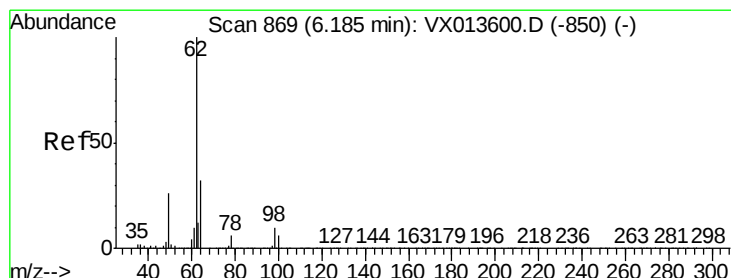
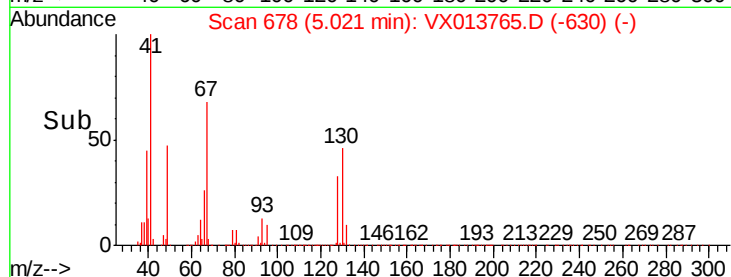
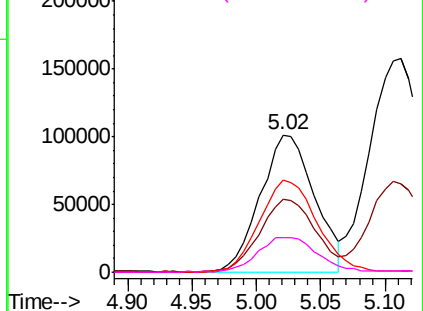
#41
Methacrylonitrile
Concen: 51.583 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	294941
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.9	64.3
67	71.7	57.4	86.0
52	27.3	22.4	33.6

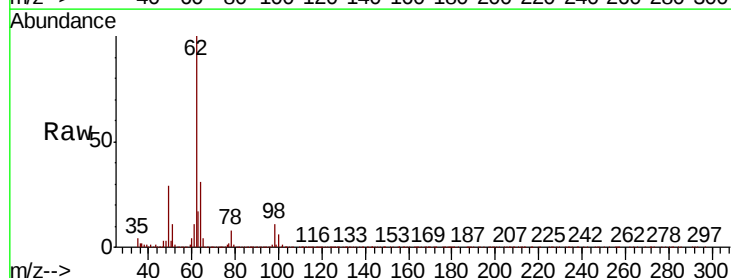


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

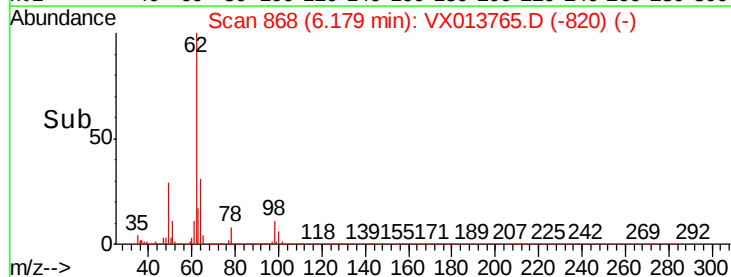
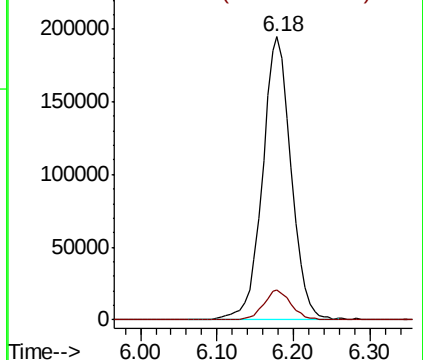


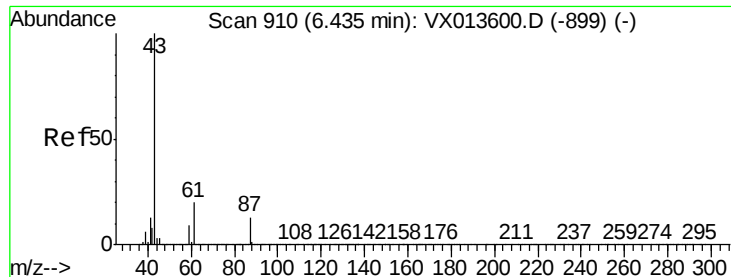
#42
1,2-Dichloroethane
Concen: 52.375 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion:	62	Resp:	505592
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.942 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

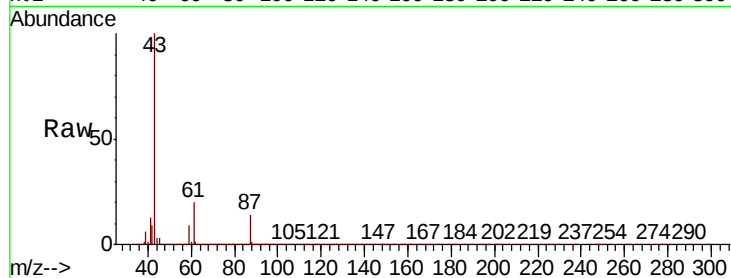
Tot Ion: 43 Resp: 874393

Ion Ratio Lower Upper

43 100

61 19.9 16.3 24.5

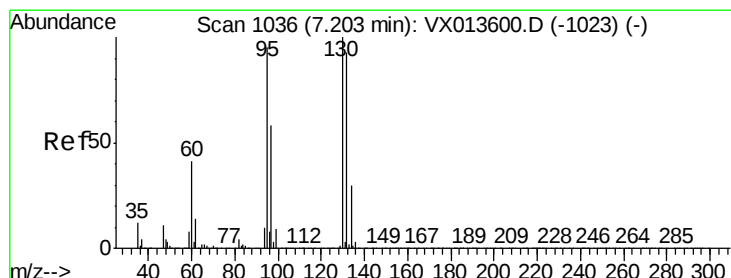
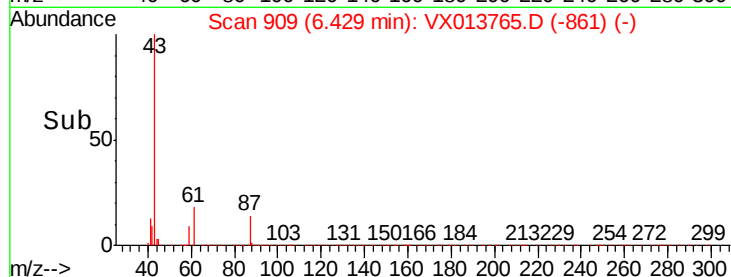
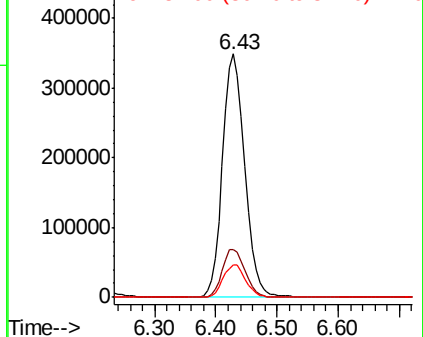
87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.773 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013765.D

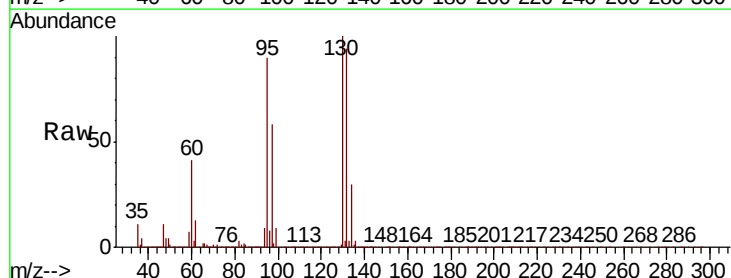
Acq: 05 Dec 2019 09:52

Tgt Ion: 130 Resp: 402189

Ion Ratio Lower Upper

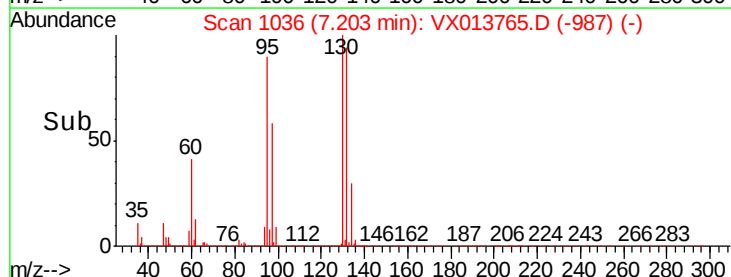
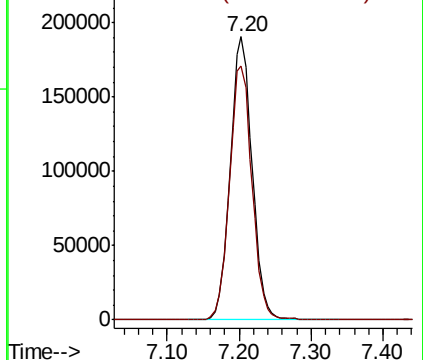
130 100

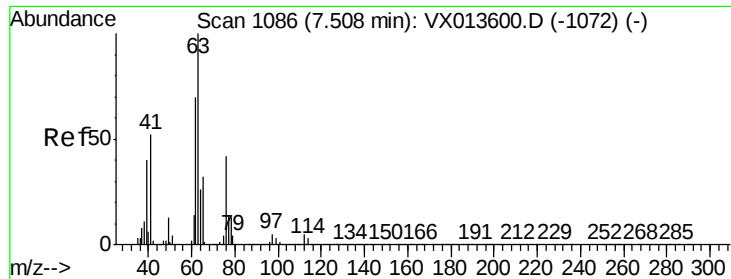
95 89.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.702 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

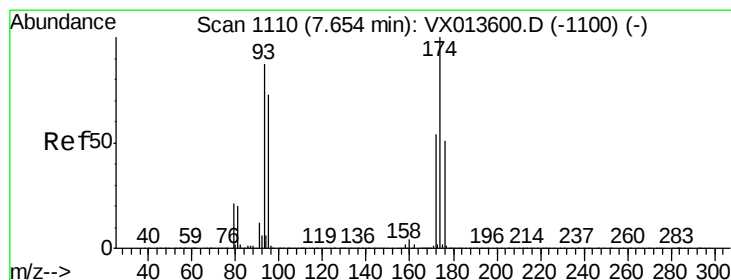
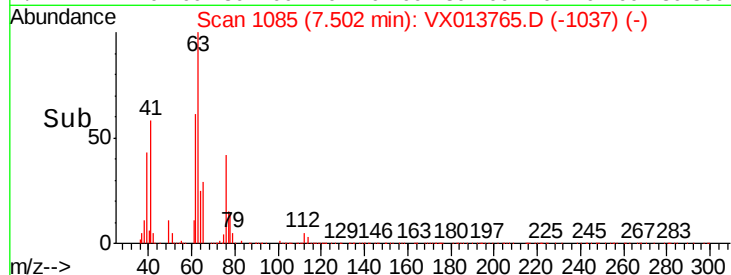
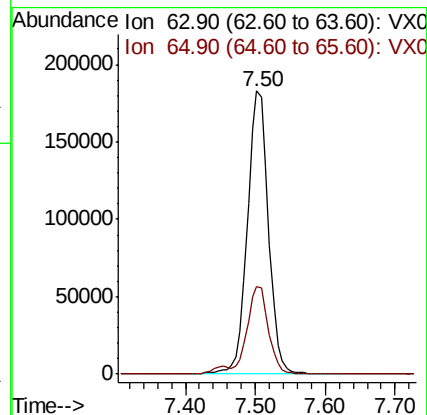
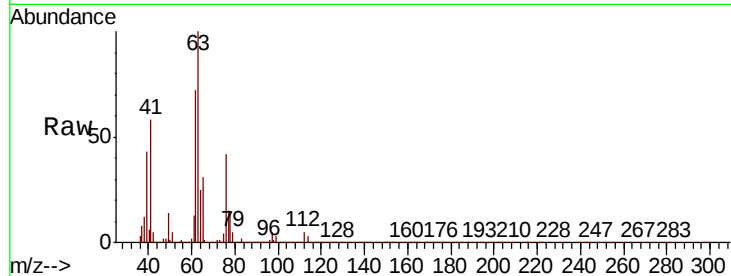
VSTDCCC050

Tot Ion: 63 Resp: 380310

Ion Ratio Lower Upper

63 100

65 30.9 25.5 38.3



#46

Dibromomethane

Concen: 51.139 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

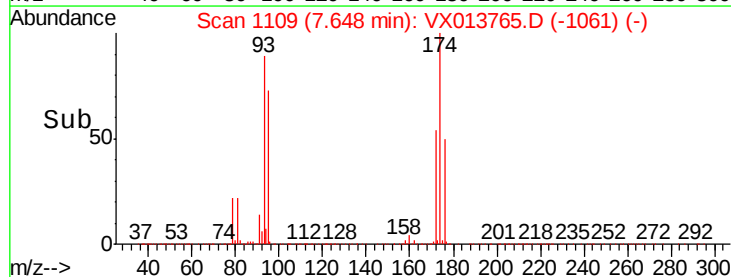
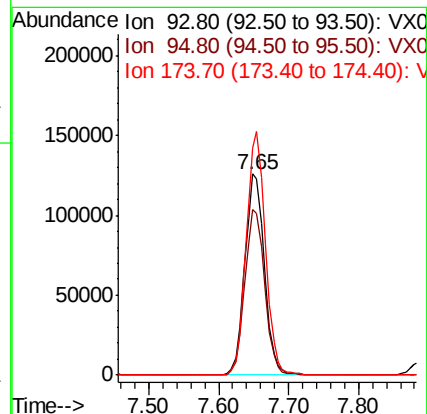
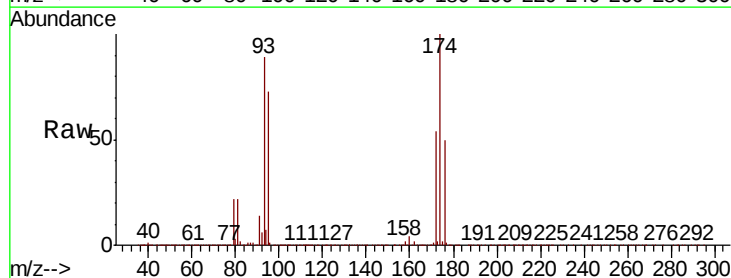
Tgt Ion: 93 Resp: 245973

Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

174 118.1 93.4 140.0





#47

Bromodichloromethane

Concen: 55.515 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

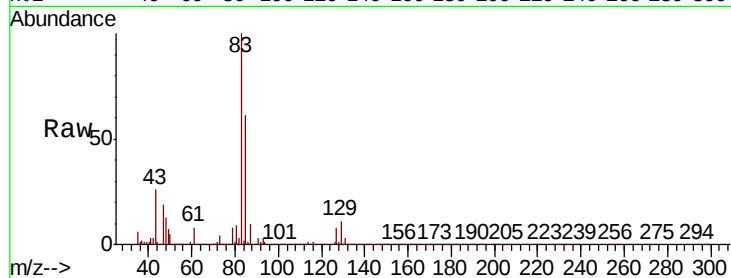
Tot Ion: 83 Resp: 504787

Ion Ratio Lower Upper

83 100

85 61.3 52.1 78.1

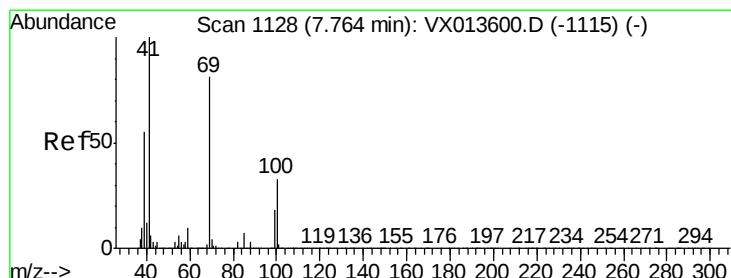
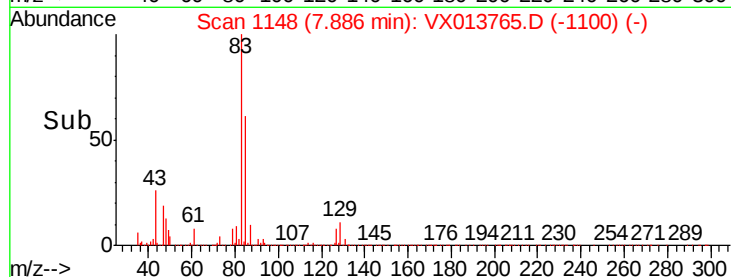
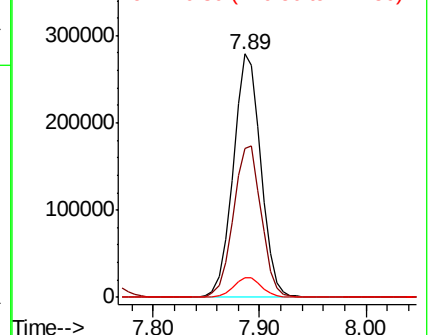
127 8.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.611 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

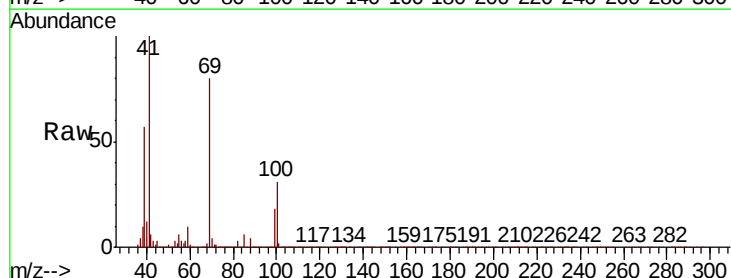
Tgt Ion: 41 Resp: 438766

Ion Ratio Lower Upper

41 100

69 82.2 64.7 97.1

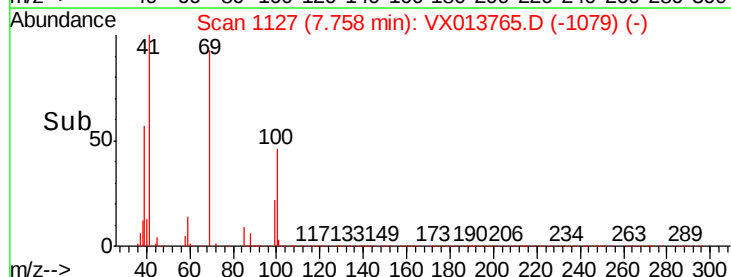
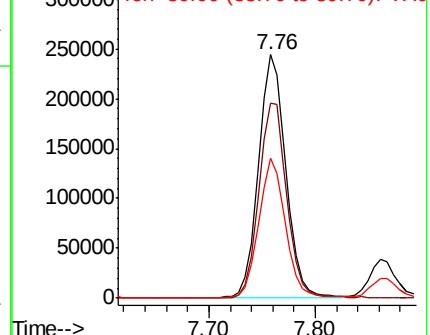
39 56.1 43.8 65.6

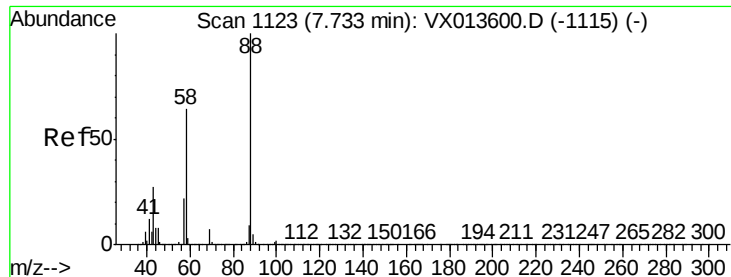


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 829.924 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

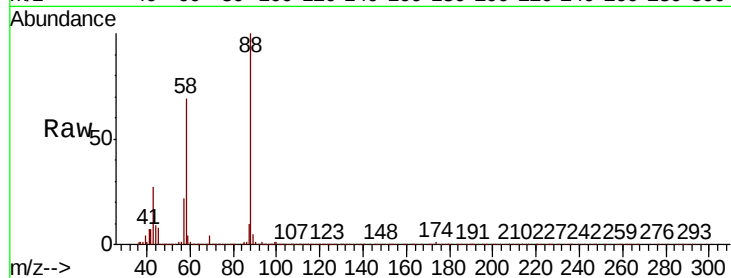
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 154928

Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.8	38.6
58	70.8	54.6	82.0

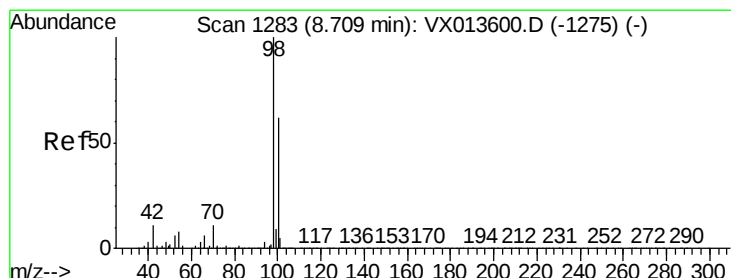
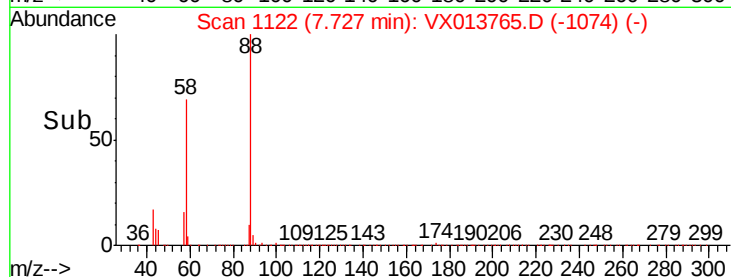
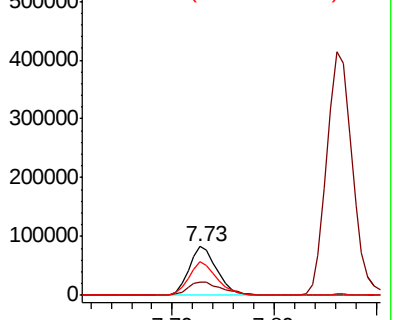


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.176 ug/l

RT: 8.71 min Scan# 1283

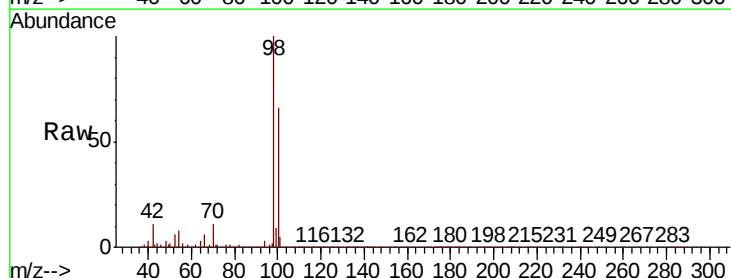
Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Tgt Ion: 98 Resp: 1114032

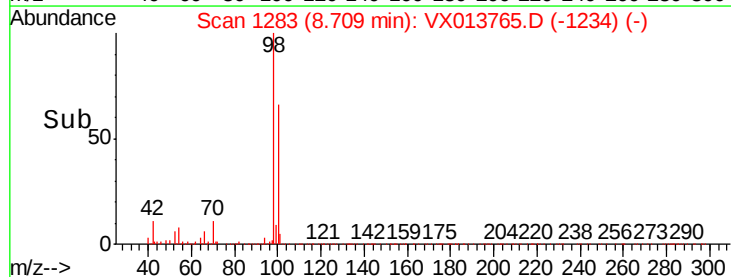
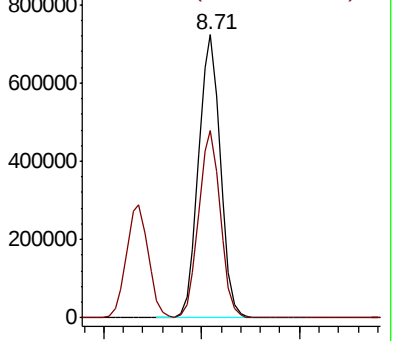
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7

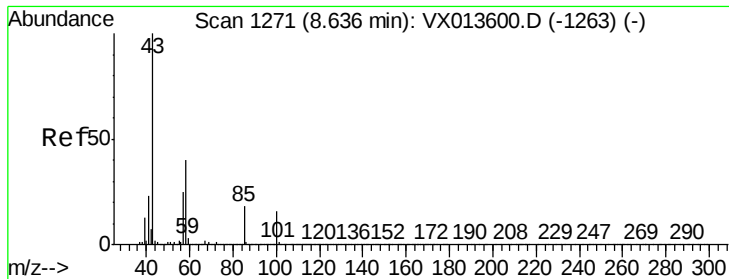


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 249.776 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

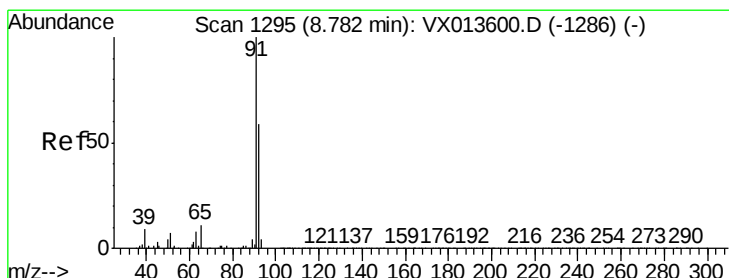
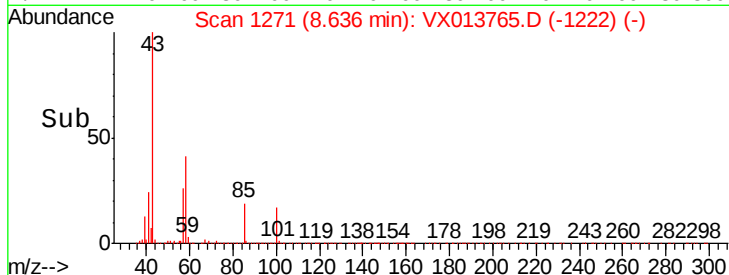
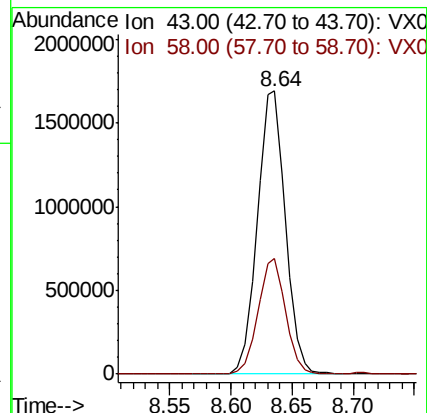
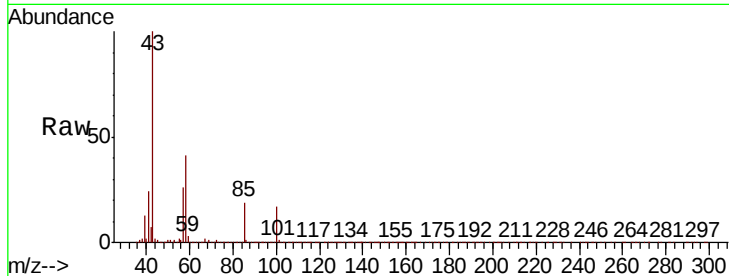
VSTDCCC050

Tot Ion: 43 Resp: 2696804

Ion Ratio Lower Upper

43 100

58 40.3 32.1 48.1



#52

Toluene

Concen: 53.067 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013765.D

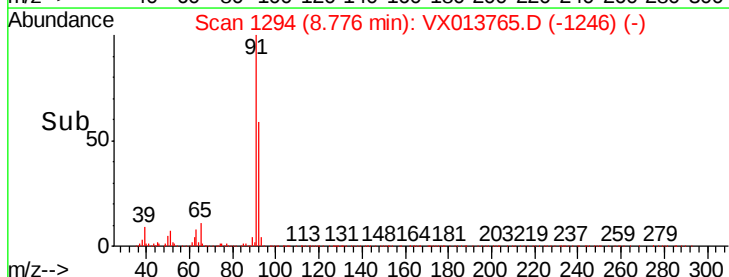
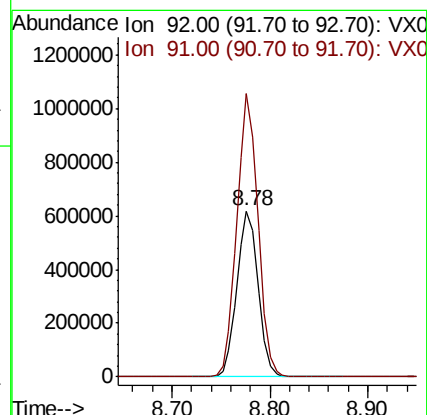
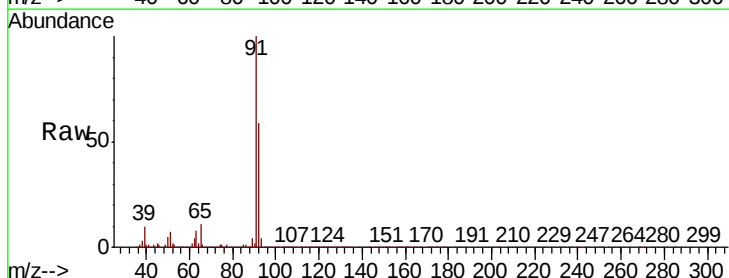
Acq: 05 Dec 2019 09:52

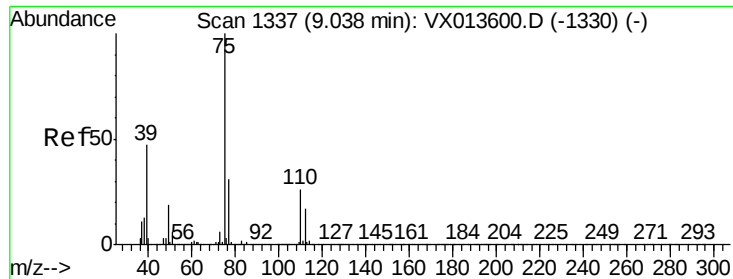
Tgt Ion: 92 Resp: 933140

Ion Ratio Lower Upper

92 100

91 170.1 136.2 204.2

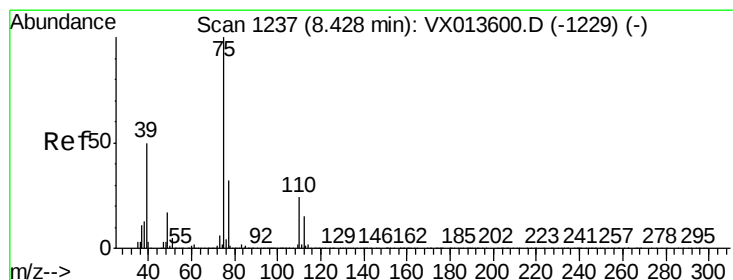
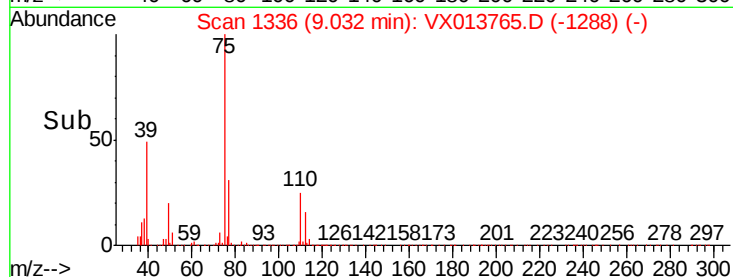
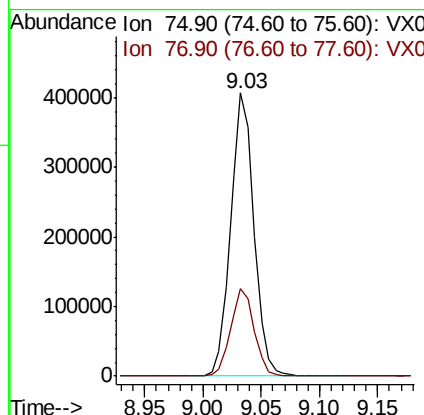
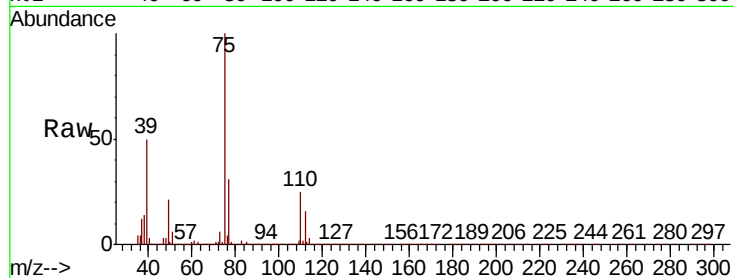




#53
t-1,3-Dichloropropene
Concen: 54.428 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

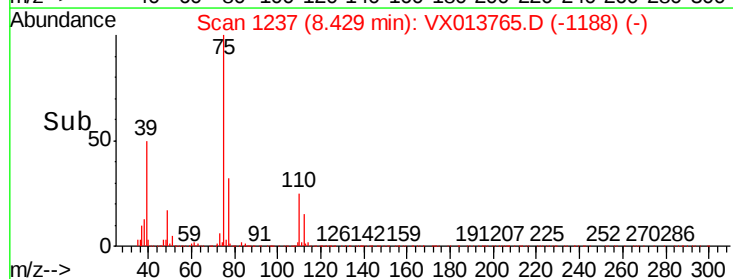
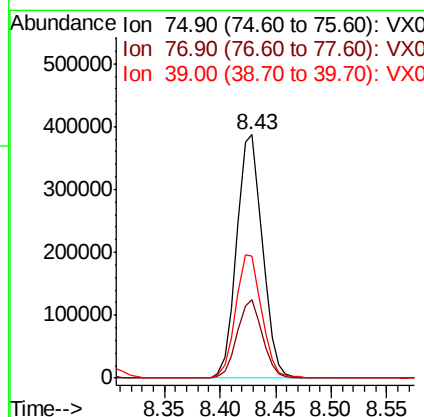
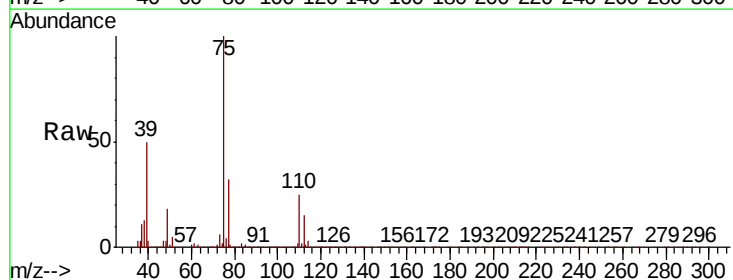
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

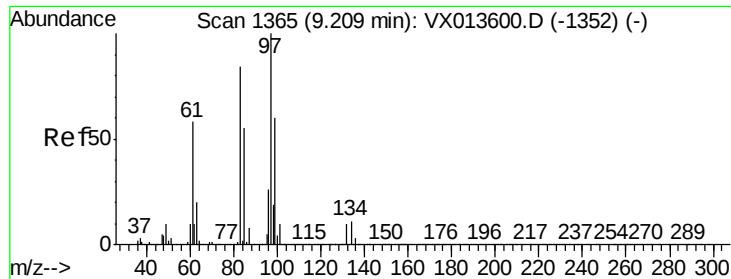
Tot Ion: 75 Resp: 563319
Ion Ratio Lower Upper
75 100
77 31.1 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 54.873 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion: 75 Resp: 620473
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6
39 49.9 39.9 59.9

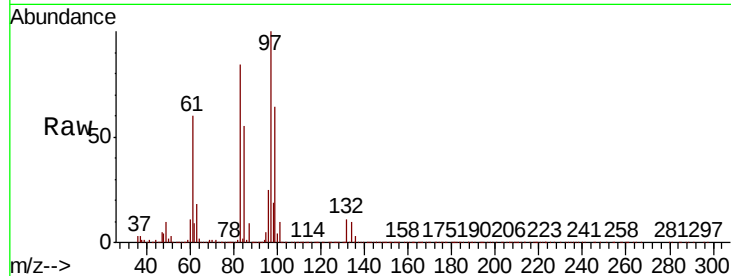




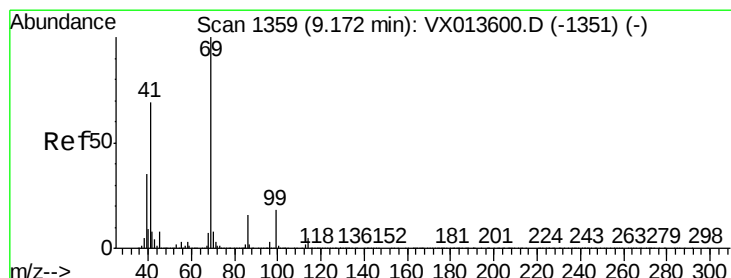
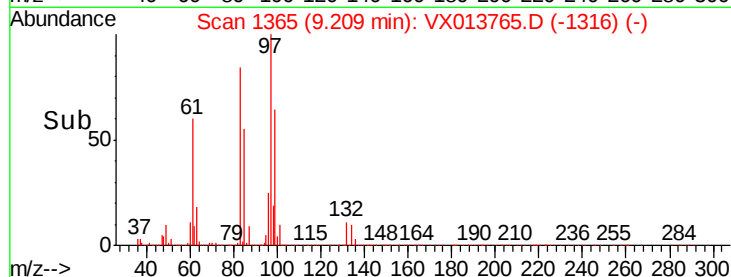
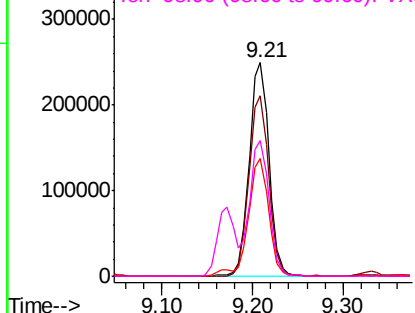
#55
 1,1,2-Trichloroethane
 Concen: 53.174 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013765.D
 Acq: 05 Dec 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	376800
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.3	100.9
85	55.0	43.6	65.4
99	63.5	48.2	72.4

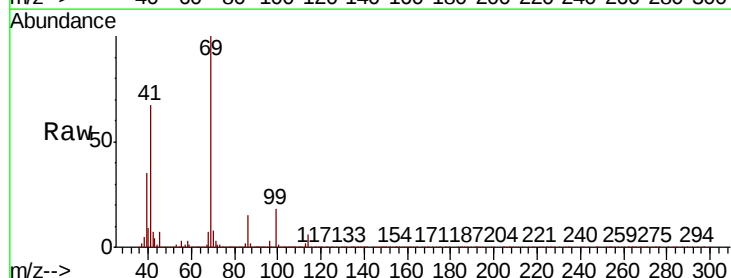


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

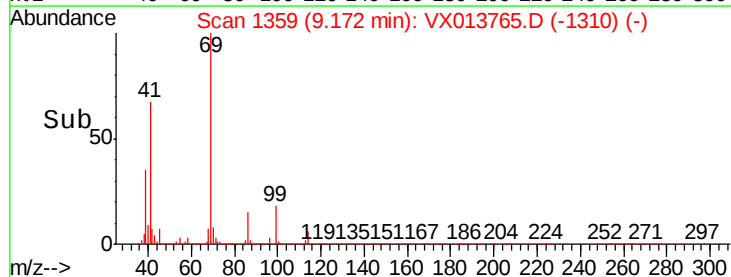
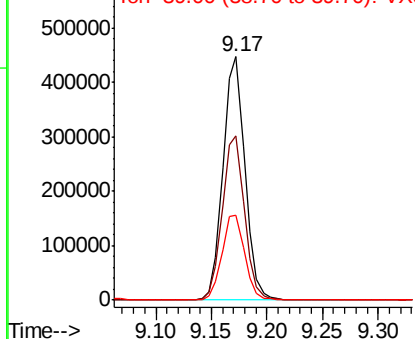


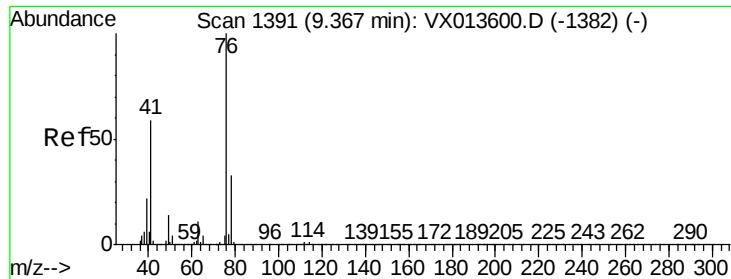
#56
 Ethyl methacrylate
 Concen: 53.548 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013765.D
 Acq: 05 Dec 2019 09:52

Tgt Ion:	69	Resp:	610055
Ion	Ratio	Lower	Upper
69	100		
41	68.2	55.0	82.4
39	35.9	28.7	43.1



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

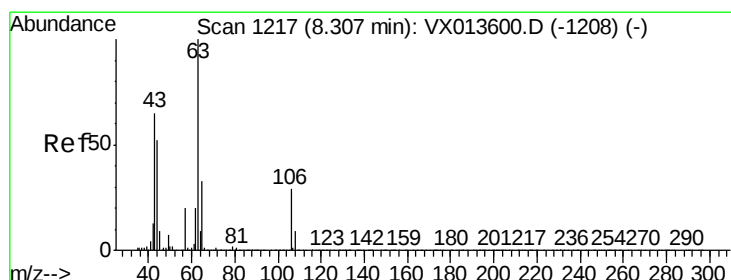
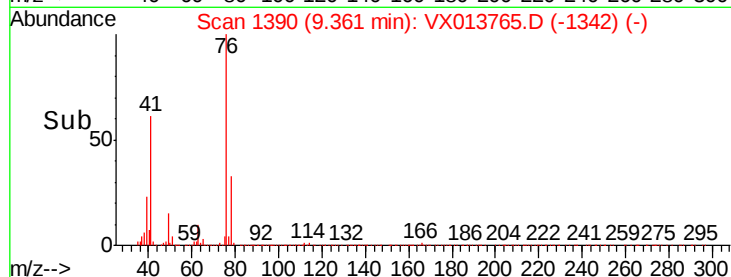
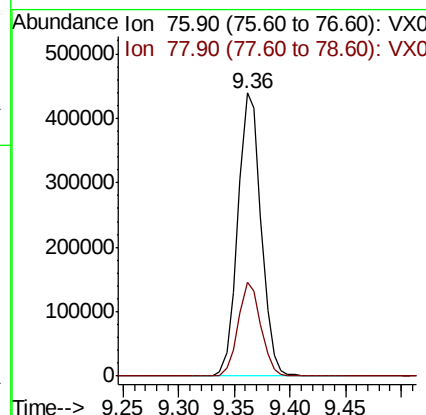
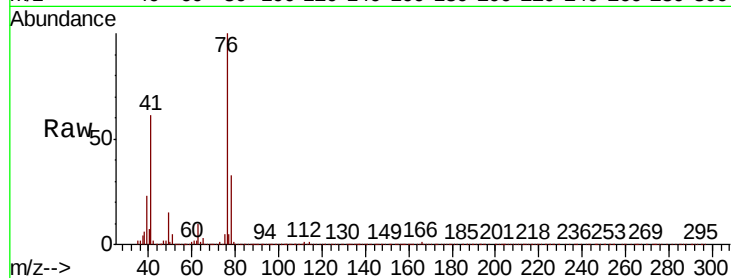




#57
 1,3-Dichloropropane
 Concen: 51.910 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX013765.D
 Acq: 05 Dec 2019 09:52

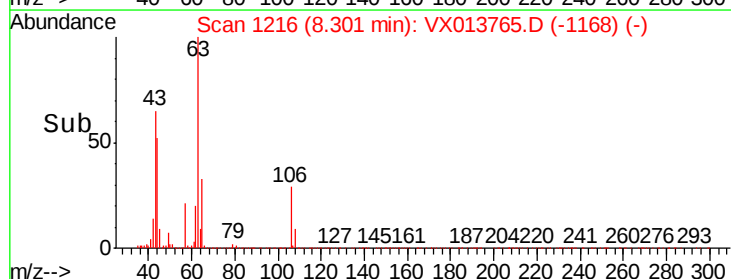
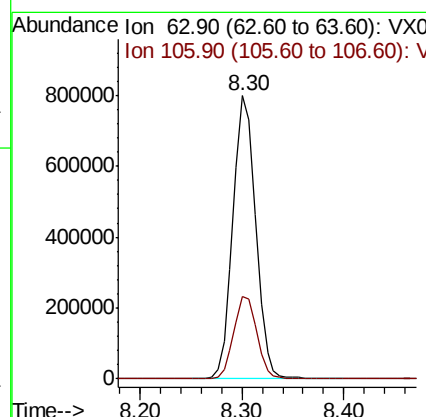
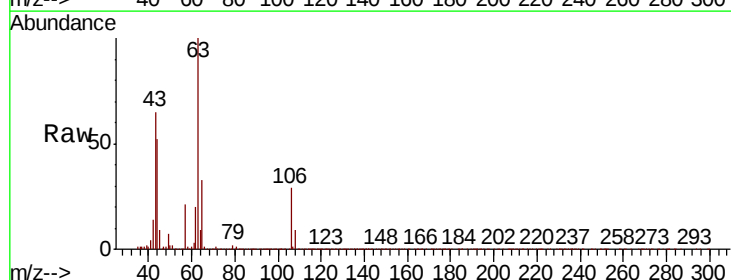
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

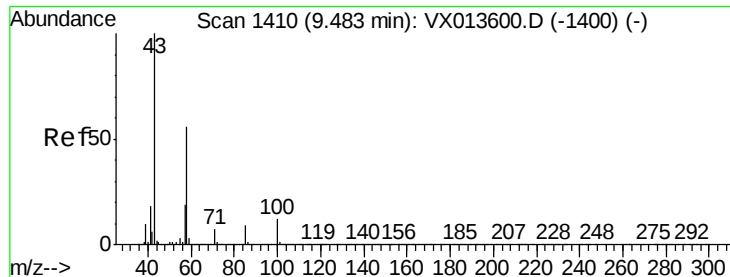
Tot Ion: 76 Resp: 634036
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.037 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013765.D
 Acq: 05 Dec 2019 09:52

Tgt Ion: 63 Resp: 1233005
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.4 35.0

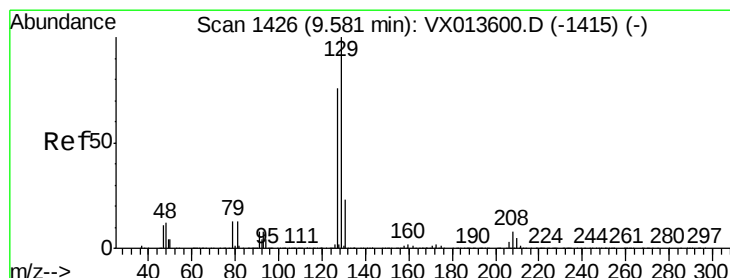
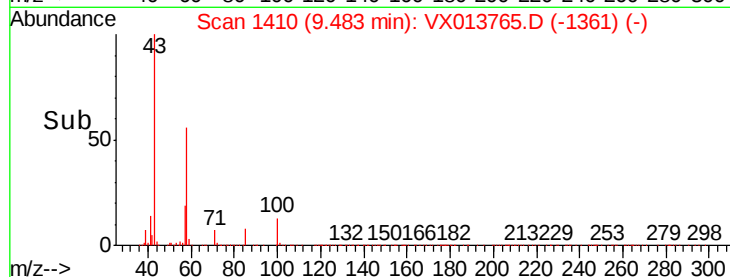
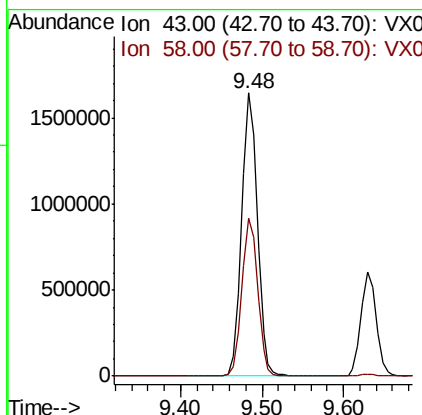
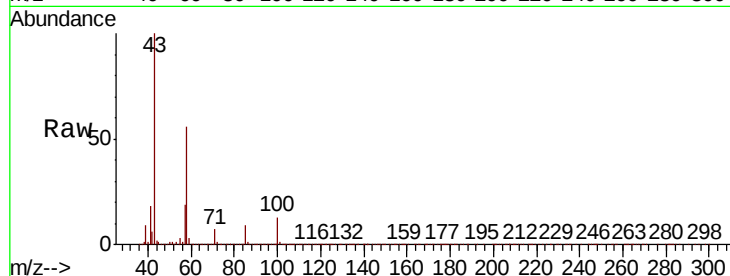




#59
2-Hexanone
Concen: 258.549 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

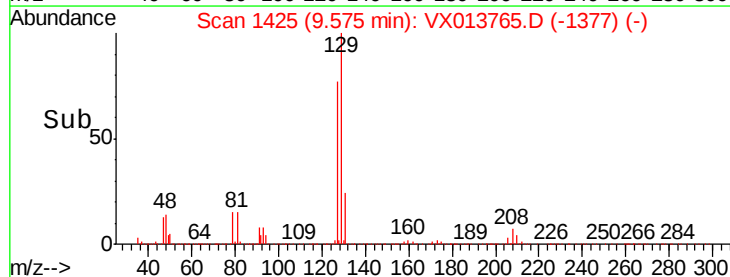
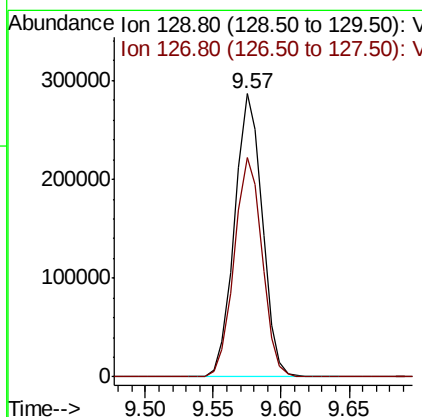
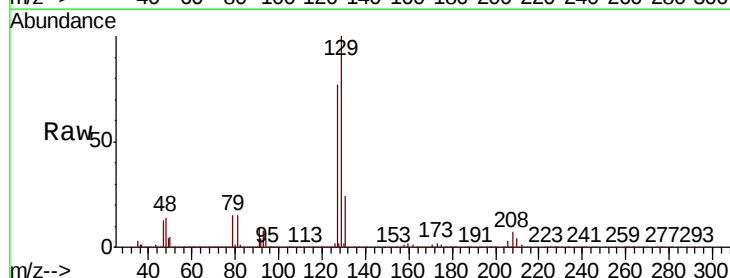
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

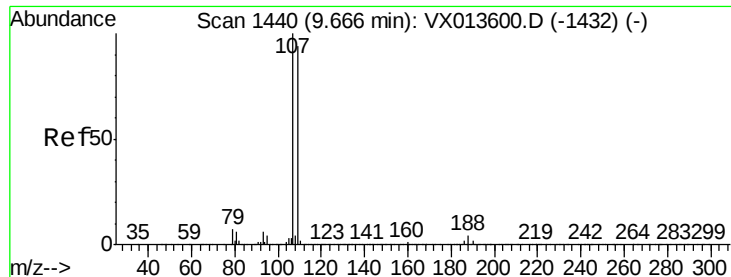
Tot Ion: 43 Resp: 2177176
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.4



#60
Dibromochloromethane
Concen: 55.428 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion: 129 Resp: 407613
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

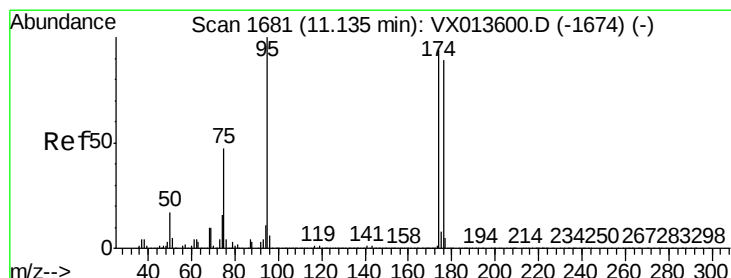
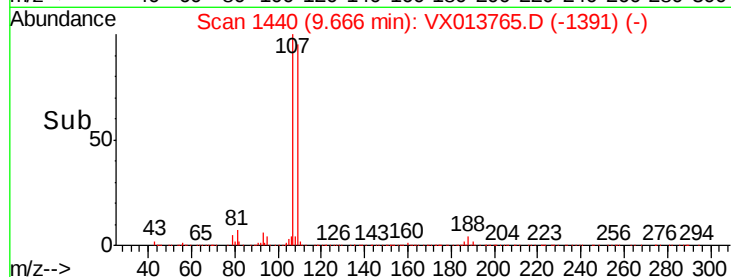
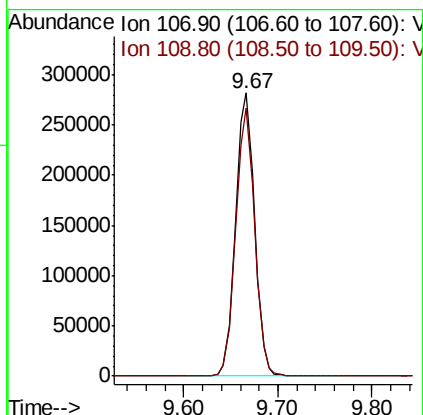
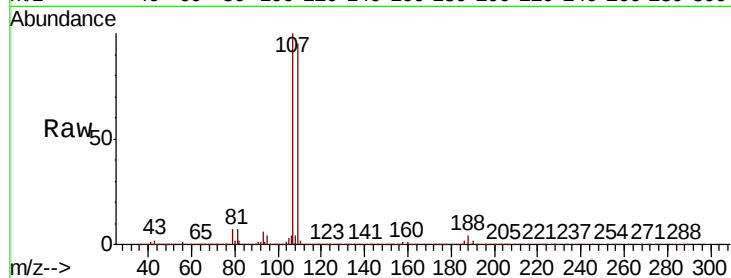




#61
 1,2-Dibromoethane
 Concen: 52.018 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013765.D
 Acq: 05 Dec 2019 09:52

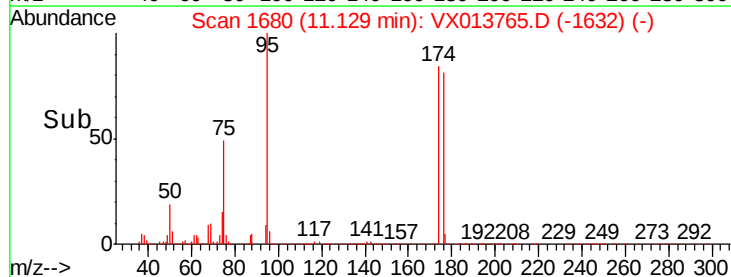
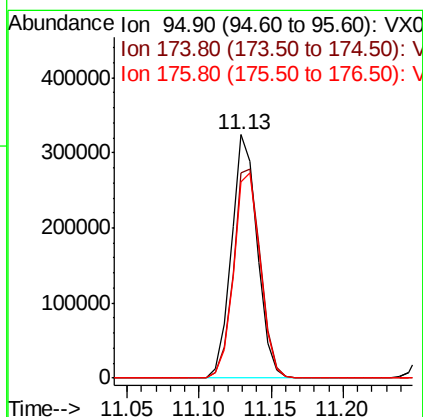
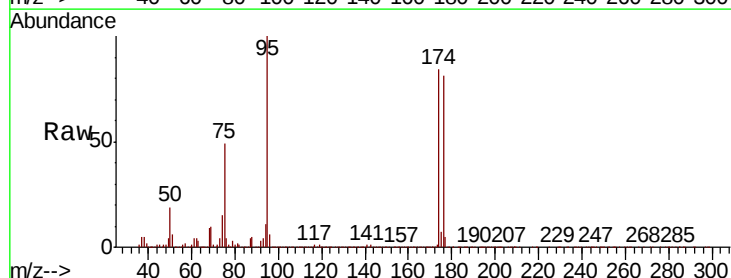
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

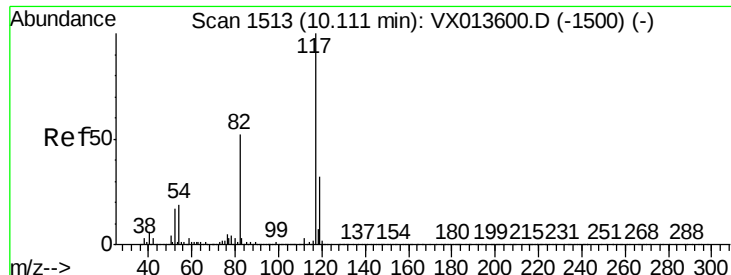
Tot Ion:107 Resp: 393688
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 45.889 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013765.D
 Acq: 05 Dec 2019 09:52

Tgt Ion: 95 Resp: 408058
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 180.0
 176 86.3 0.0 173.6

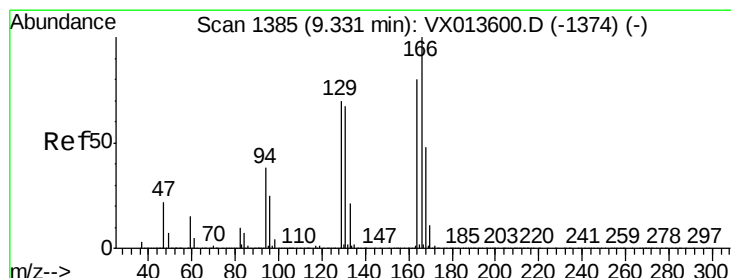
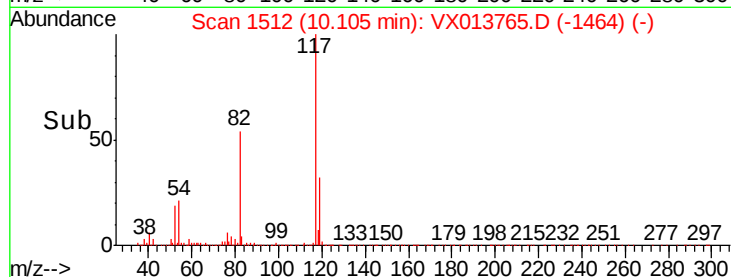
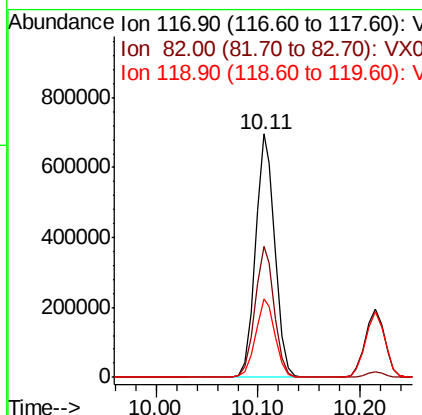
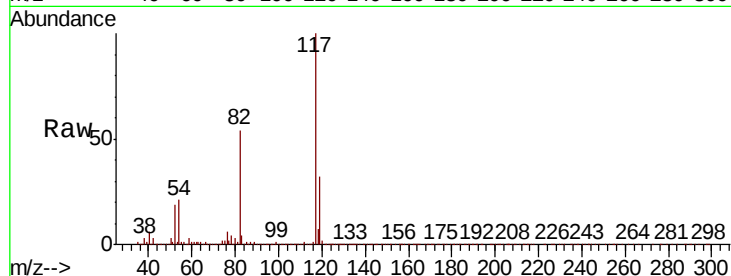




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

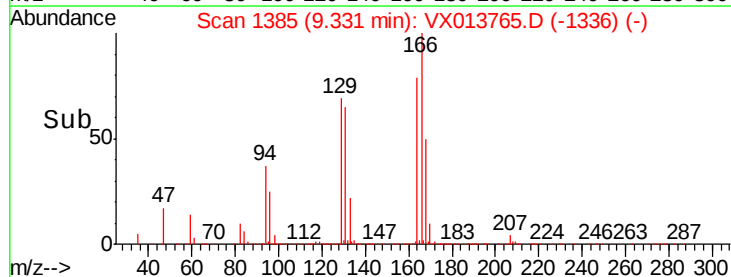
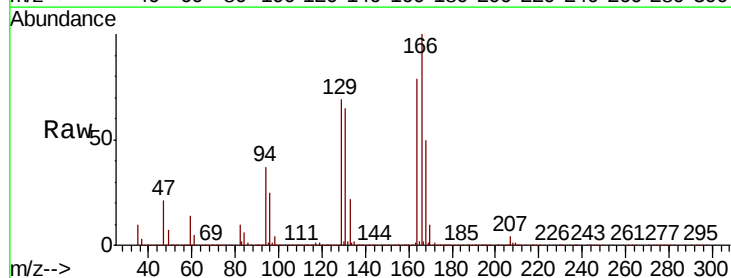
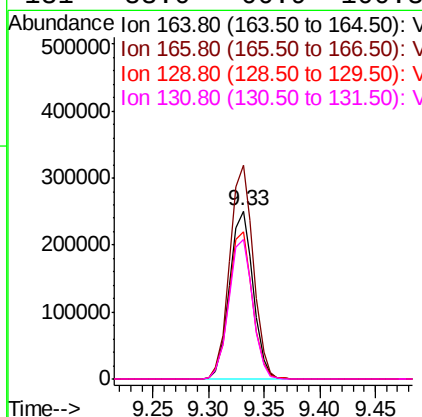
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

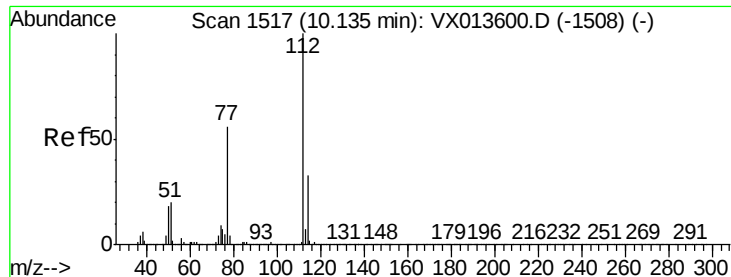
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.8	62.8
119	32.1	25.8	38.8



#64
Tetrachloroethene
Concen: 53.171 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	99.7	149.5
129	87.5	70.1	105.1
131	83.0	66.9	100.3





#65

Chlorobenzene

Concen: 52.419 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

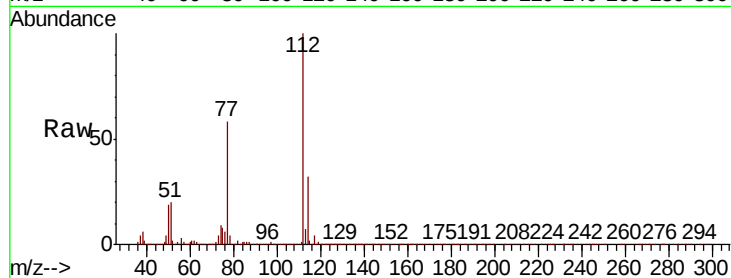
VSTDCCC050

Tot Ion:112 Resp: 1009570

Ion Ratio Lower Upper

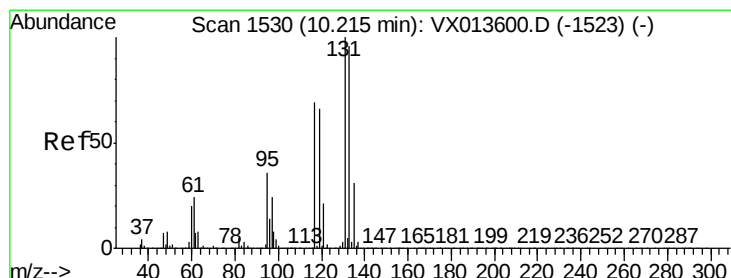
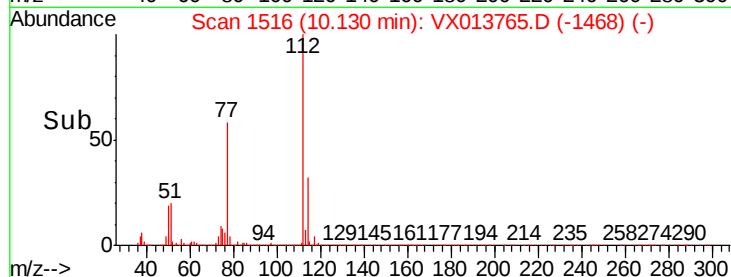
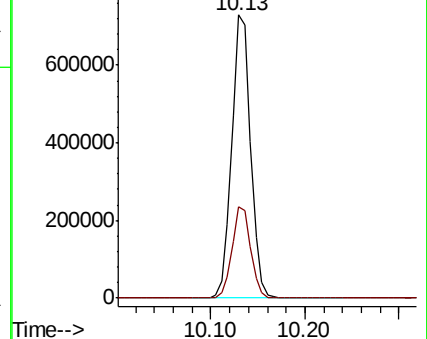
112 100

114 32.1 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.369 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

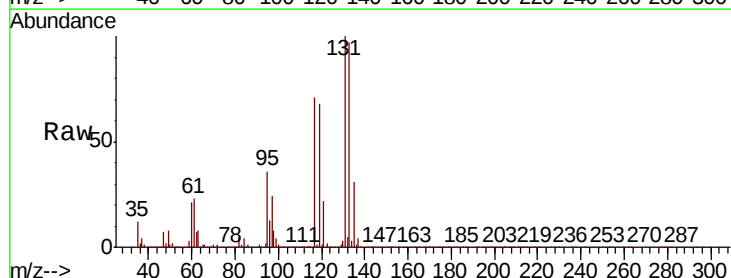
Tgt Ion:131 Resp: 376010

Ion Ratio Lower Upper

131 100

133 96.2 47.7 143.1

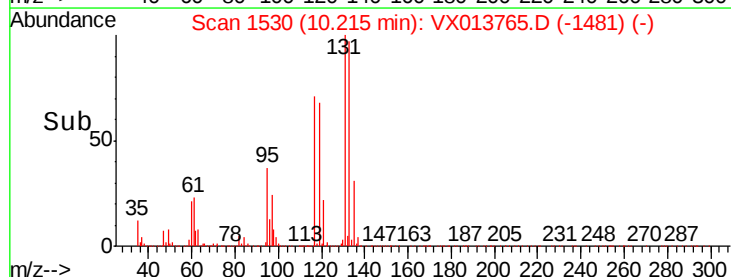
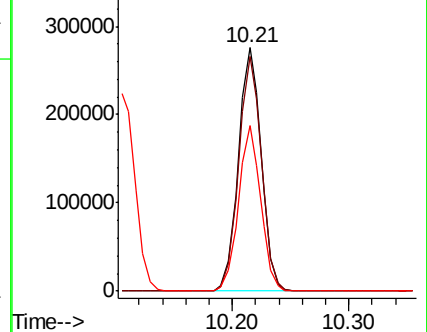
119 66.1 32.9 98.6

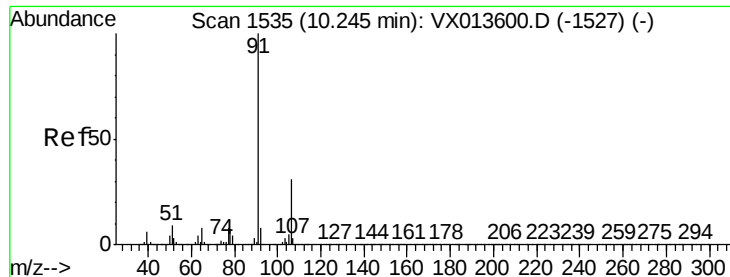


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.351 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

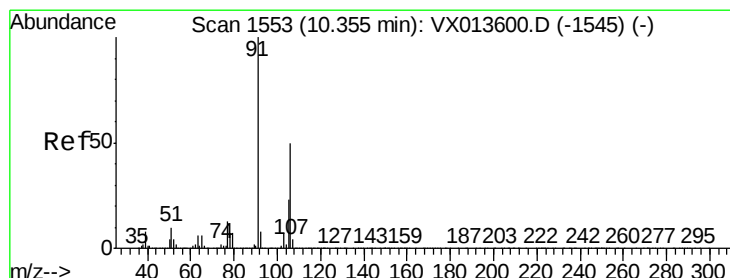
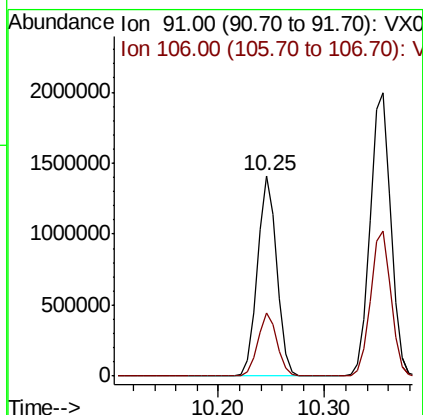
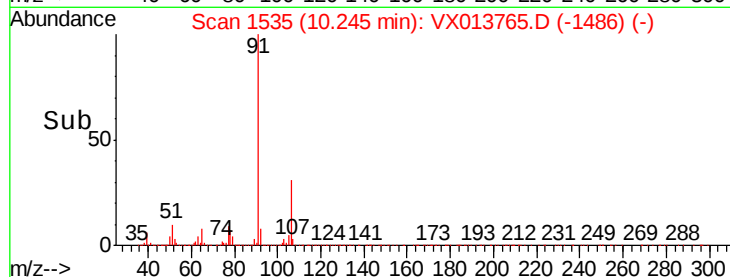
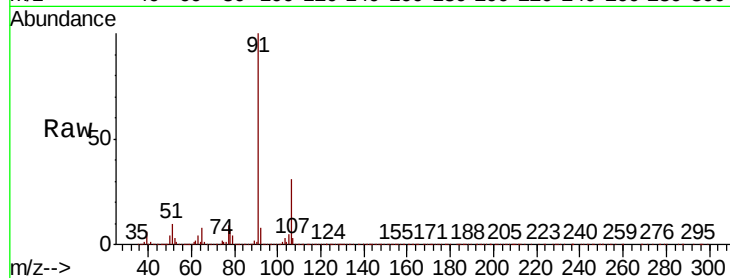
VSTDCCC050

Tot Ion: 91 Resp: 1798762

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 108.592 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013765.D

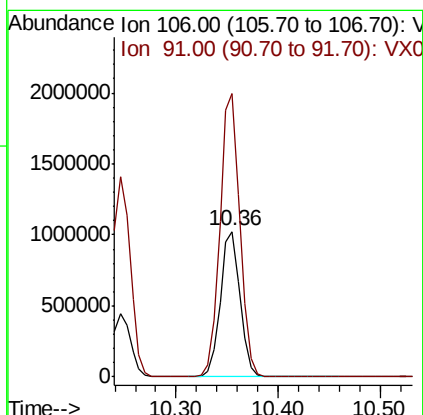
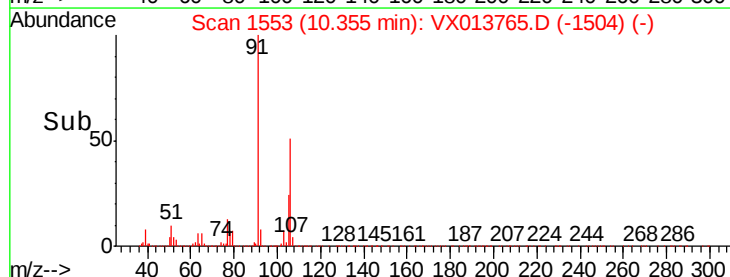
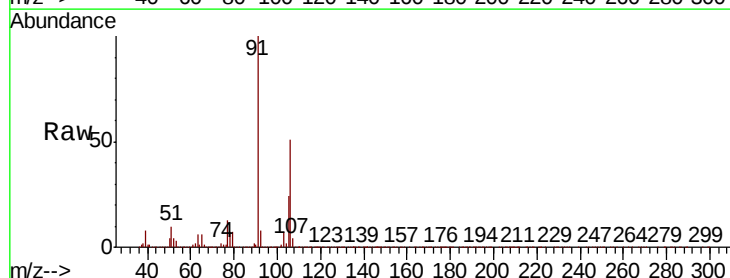
Acq: 05 Dec 2019 09:52

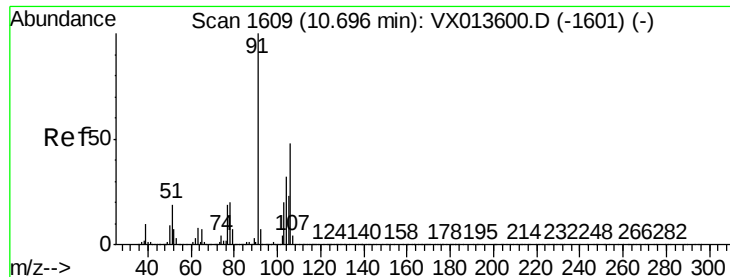
Tgt Ion: 106 Resp: 1375937

Ion Ratio Lower Upper

106 100

91 197.4 159.0 238.4

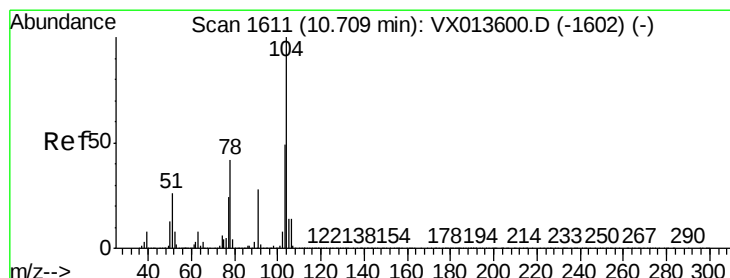
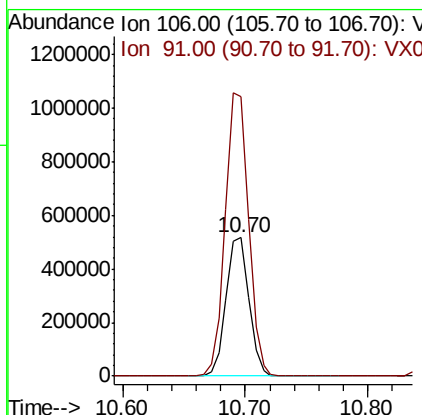
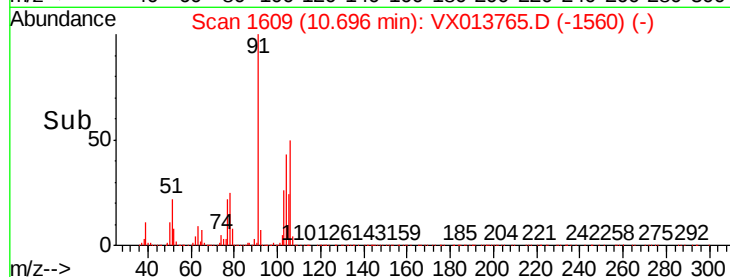
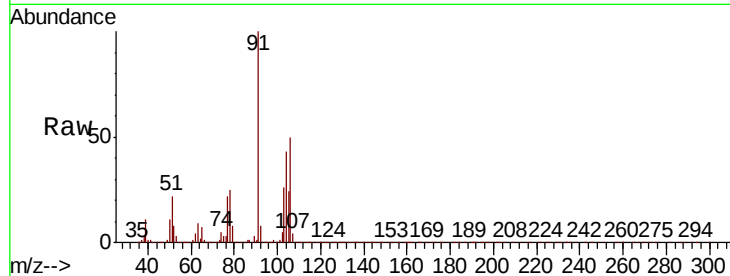




#69
o-Xylene
Concen: 54.114 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

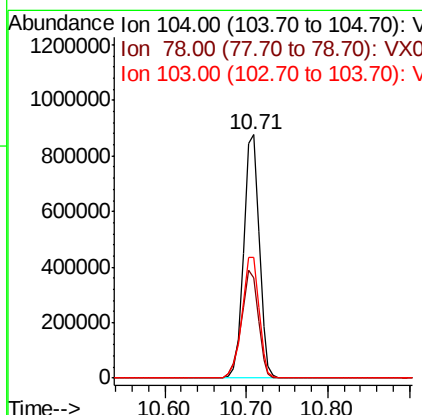
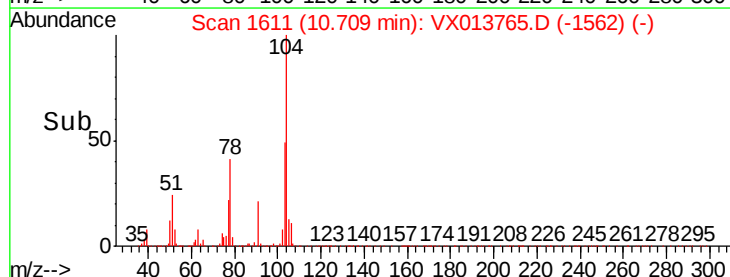
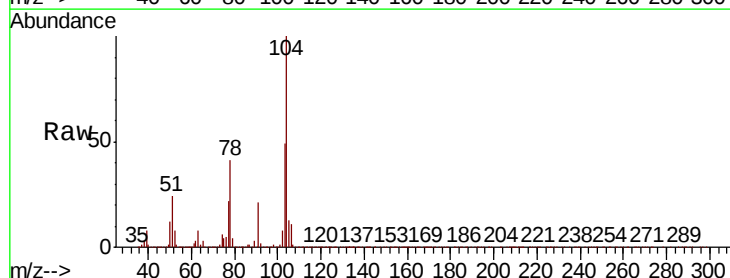
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

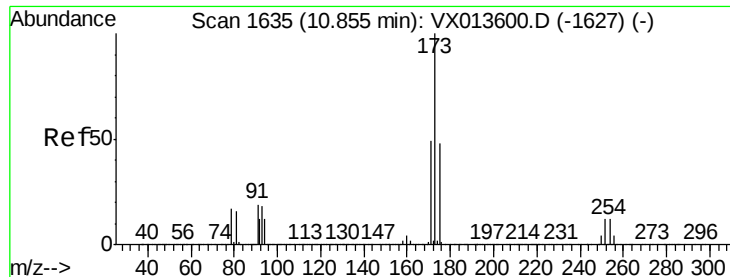
Tot Ion:106 Resp: 668720
Ion Ratio Lower Upper
106 100
91 208.3 104.1 312.2



#70
Styrene
Concen: 55.123 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion:104 Resp: 1145885
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 56.828 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

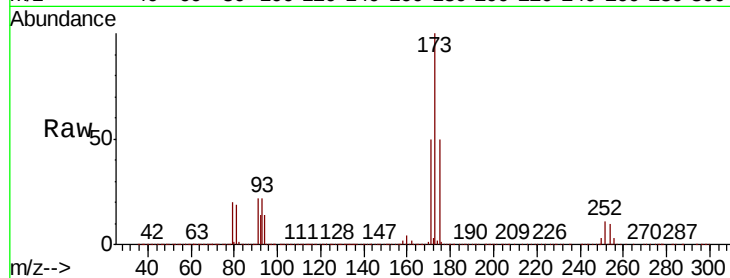
Tot Ion:173 Resp: 325192

Ion Ratio Lower Upper

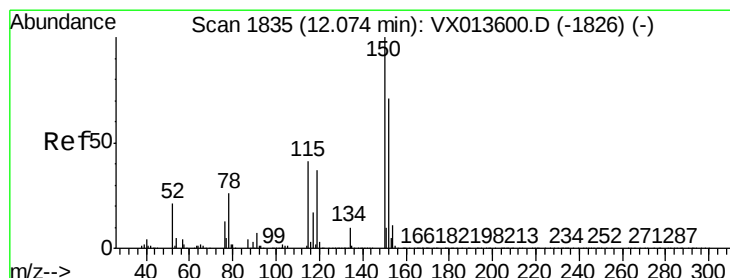
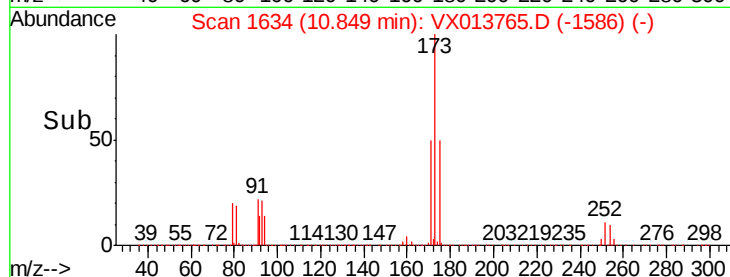
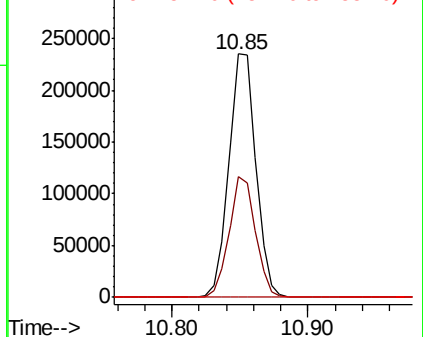
173 100

175 48.2 24.3 72.8

254 0.2 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

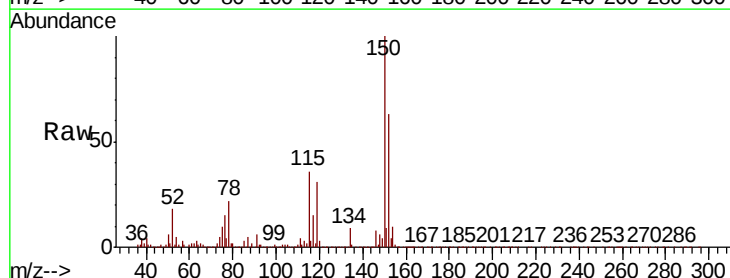
Tgt Ion:152 Resp: 479821

Ion Ratio Lower Upper

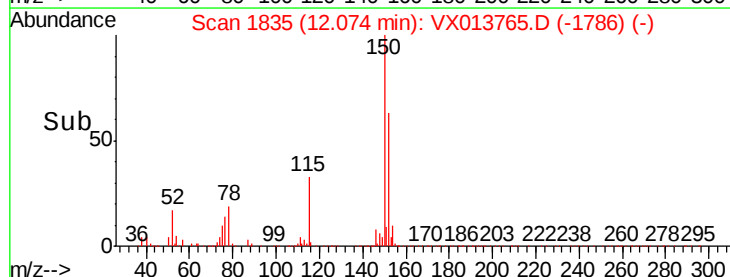
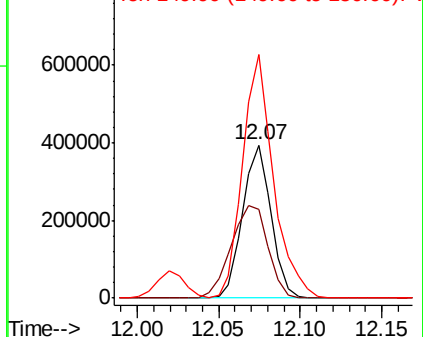
152 100

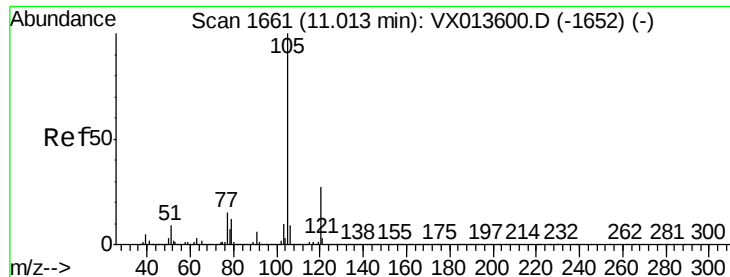
115 78.7 38.4 115.1

150 172.9 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.524 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

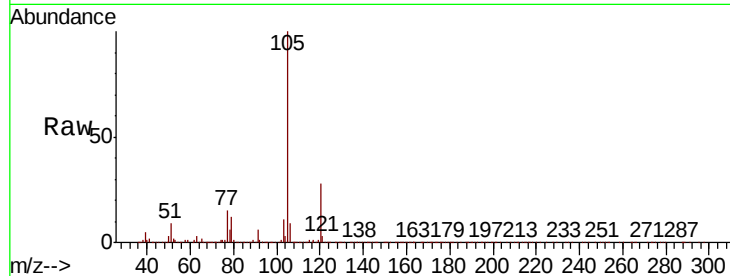
VSTDCCC050

Tot Ion:105 Resp: 1767840

Ion Ratio Lower Upper

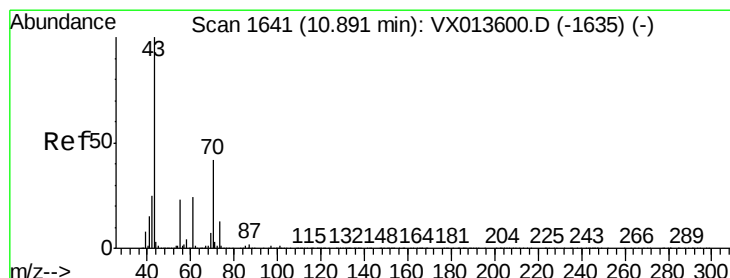
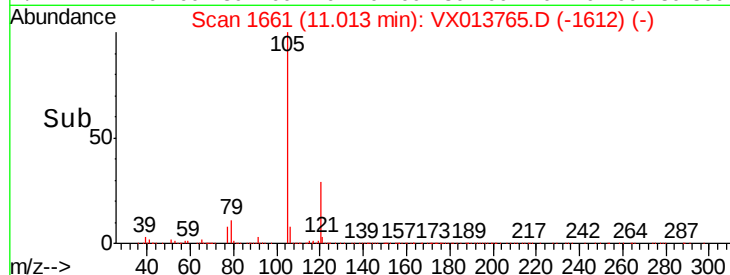
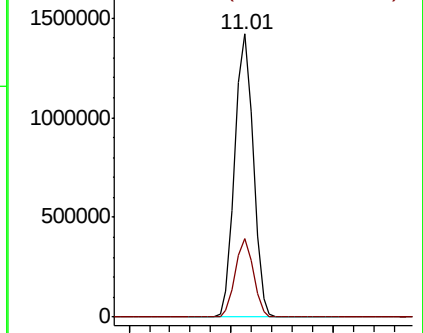
105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.558 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Tgt Ion: 43 Resp: 794922

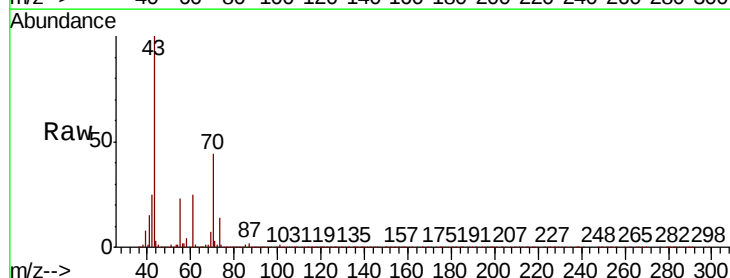
Ion Ratio Lower Upper

43 100

70 43.8 34.3 51.5

55 23.3 18.5 27.7

61 25.0 19.8 29.8

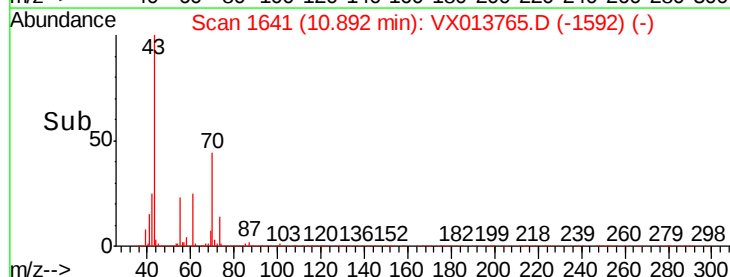
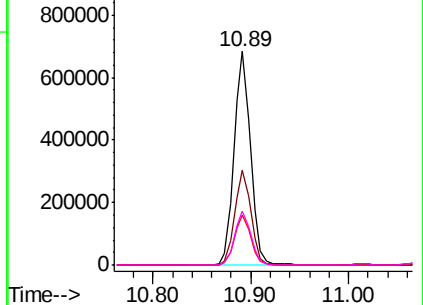


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.653 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

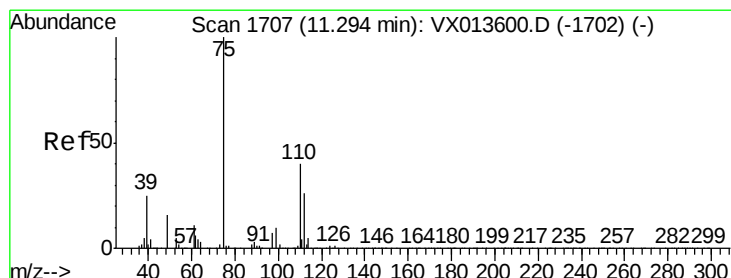
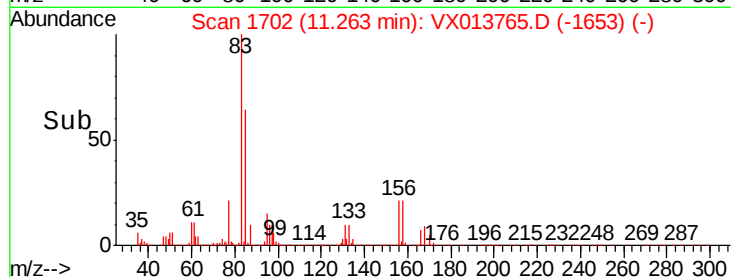
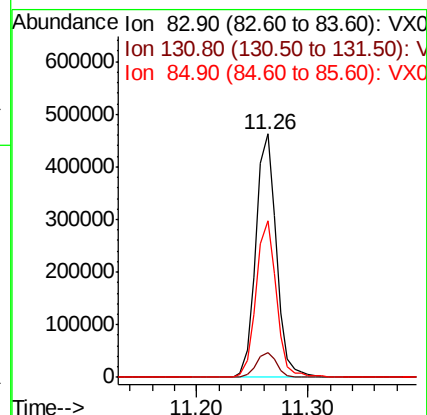
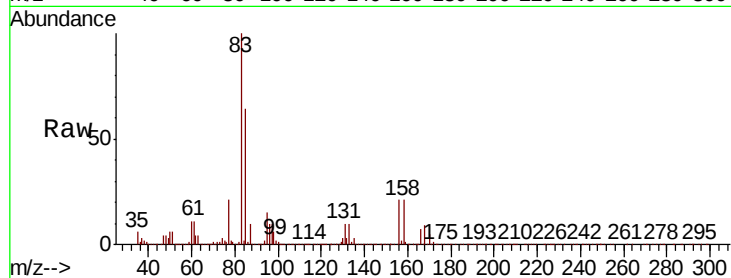
Tot Ion: 83 Resp: 591230

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 63.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 61.845 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013765.D

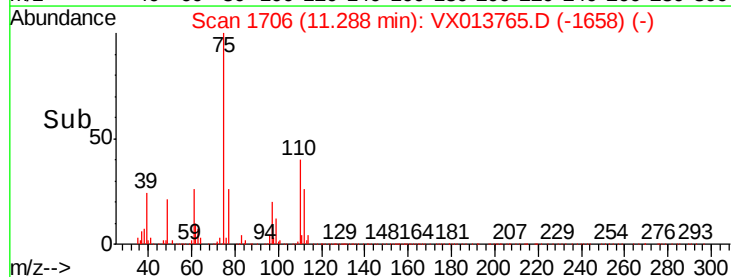
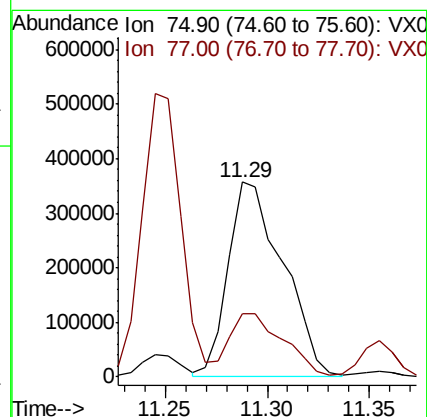
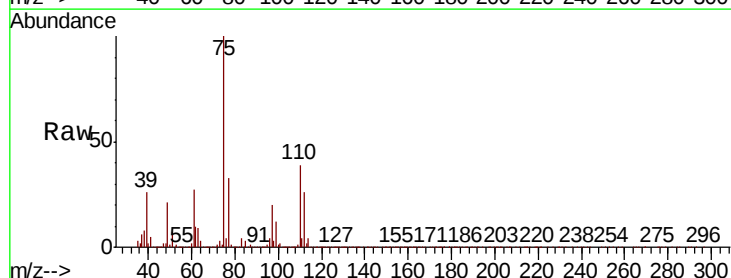
Acq: 05 Dec 2019 09:52

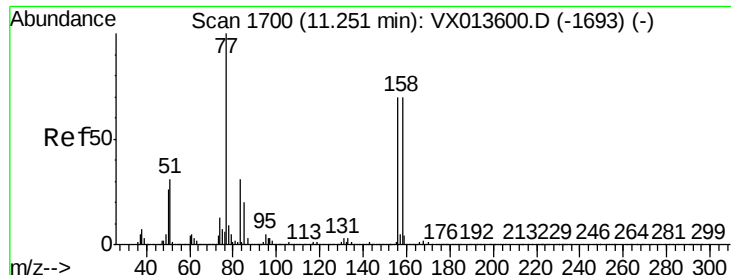
Tgt Ion: 75 Resp: 667432

Ion Ratio Lower Upper

75 100

77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 51.303 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

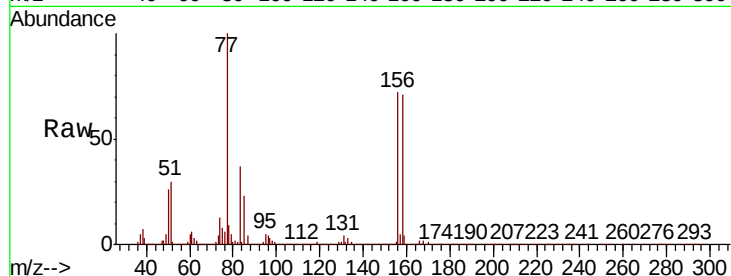
Tot Ion:156 Resp: 466479

Ion Ratio Lower Upper

156 100

77 147.4 74.4 223.1

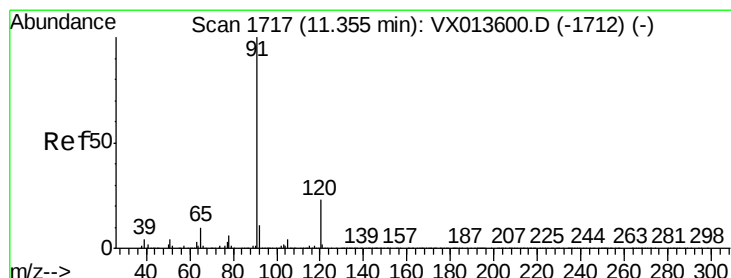
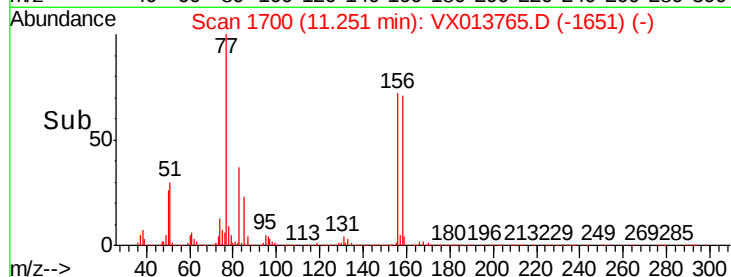
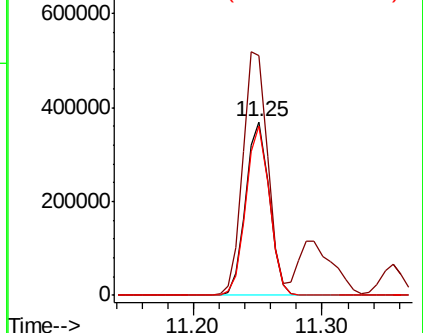
158 97.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.023 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013765.D

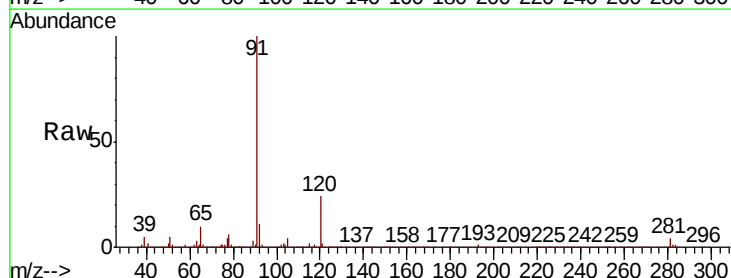
Acq: 05 Dec 2019 09:52

Tgt Ion: 91 Resp: 2029778

Ion Ratio Lower Upper

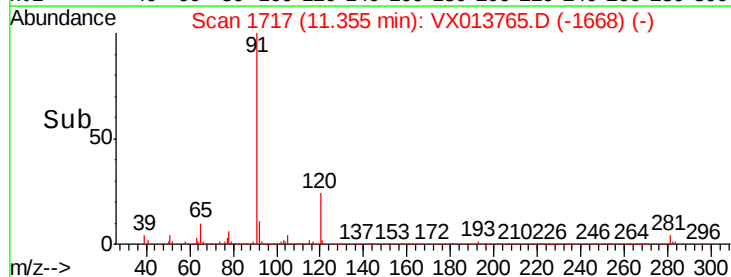
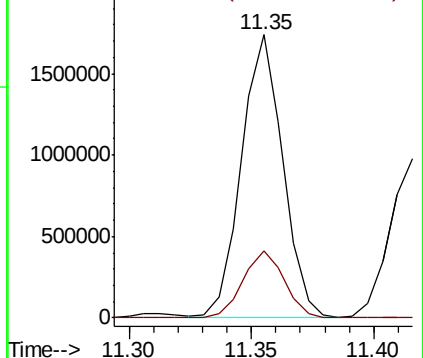
91 100

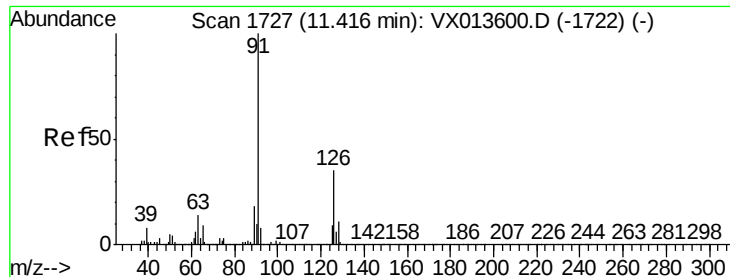
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

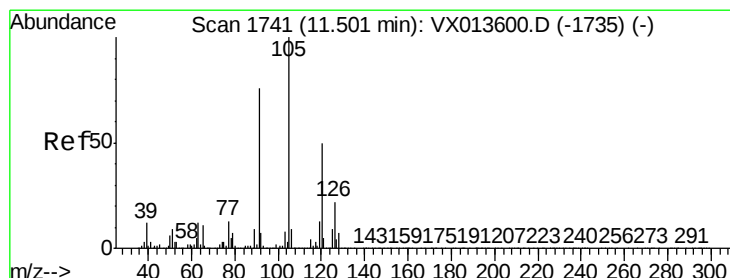
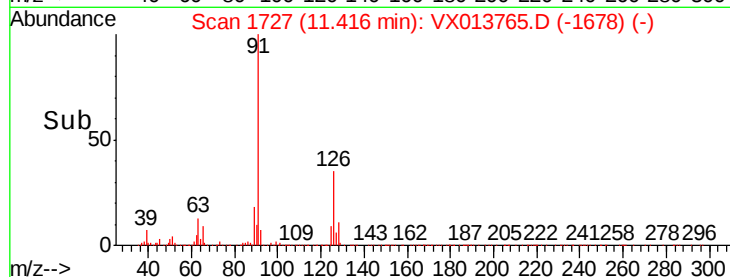
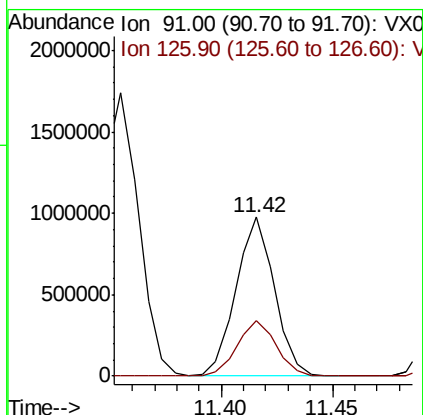
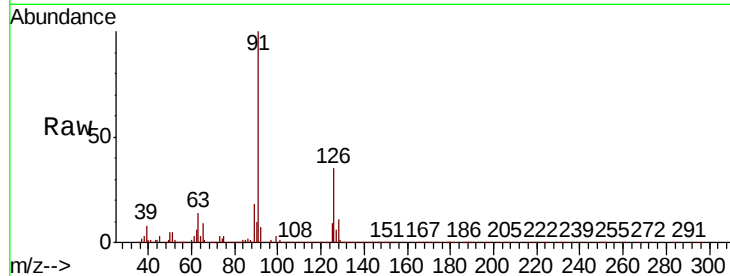




#79
2-Chlorotoluene
Concen: 52.153 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

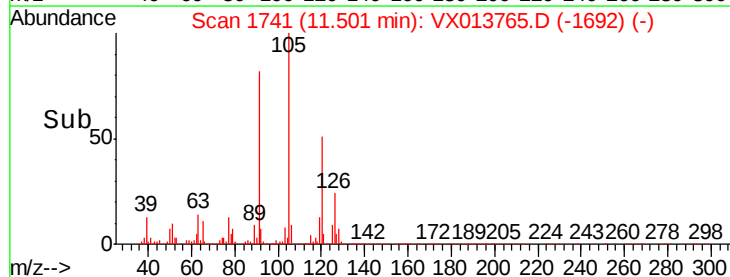
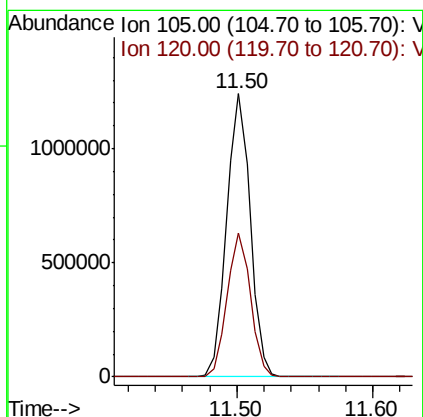
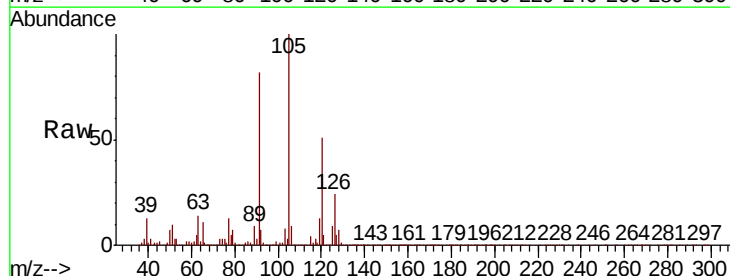
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

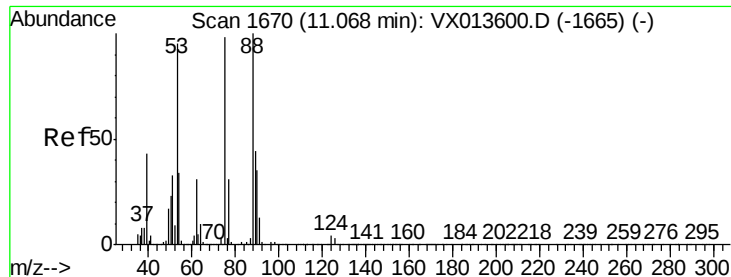
Tot Ion: 91 Resp: 1175456
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 53.964 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion: 105 Resp: 1488615
Ion Ratio Lower Upper
105 100
120 50.5 25.3 75.9

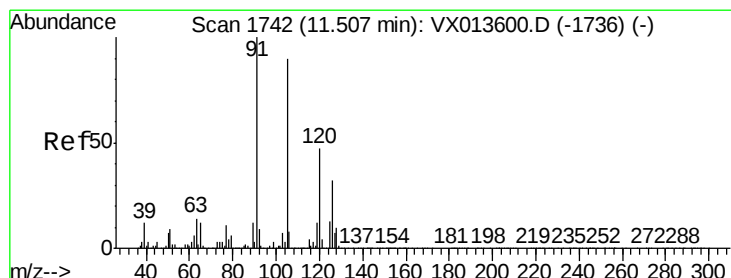
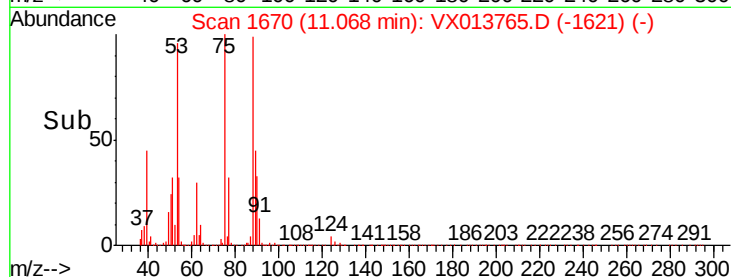
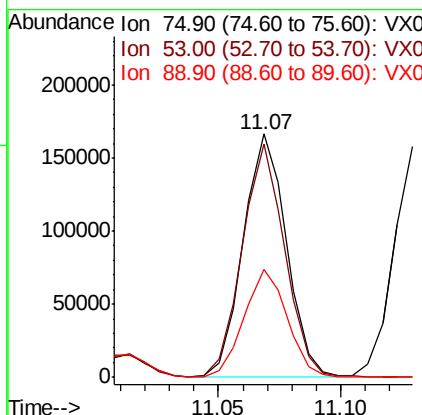
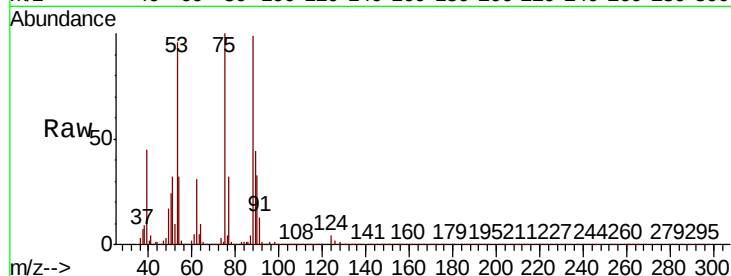




#81
trans-1,4-Dichloro-2-butene
Concen: 51.415 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

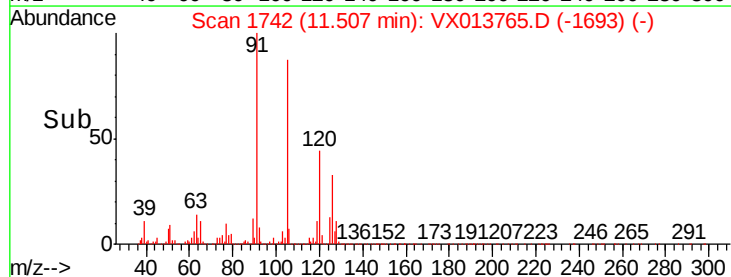
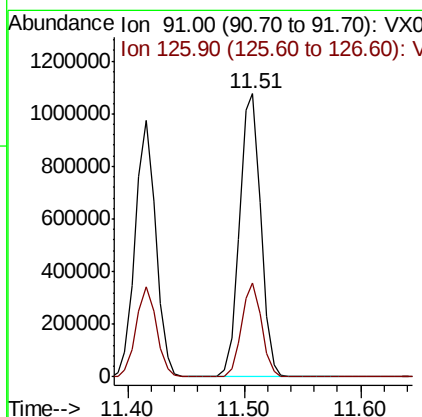
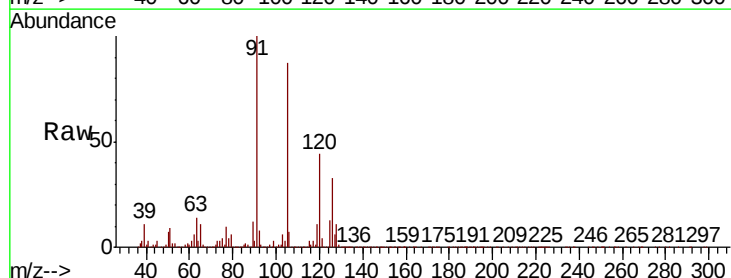
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

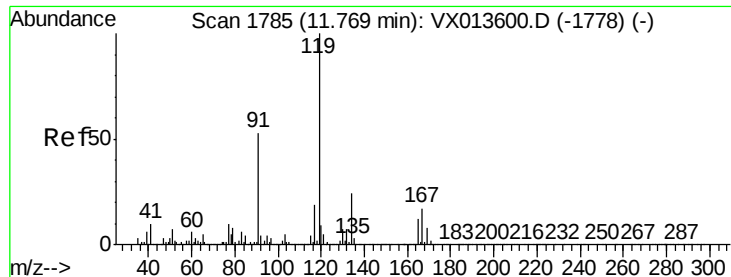
Tot Ion: 75 Resp: 202817
Ion Ratio Lower Upper
75 100
53 94.9 78.2 117.2
89 45.2 35.4 53.2



#82
4-Chlorotoluene
Concen: 52.453 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion: 91 Resp: 1369251
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.0

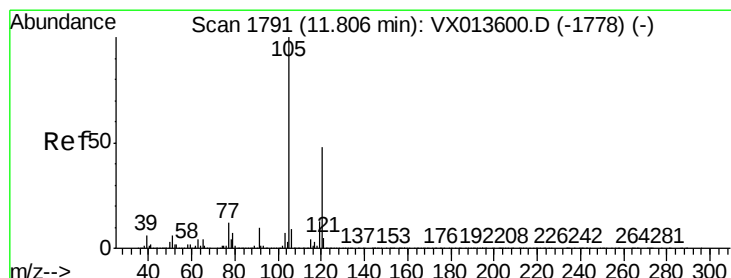
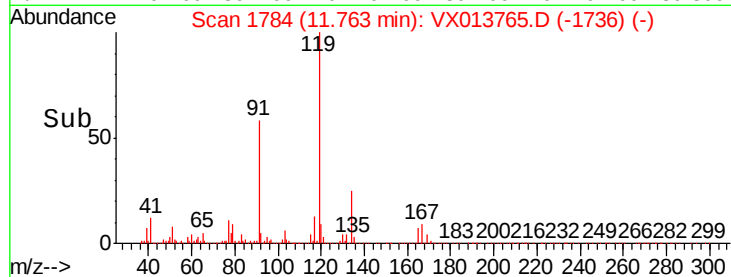
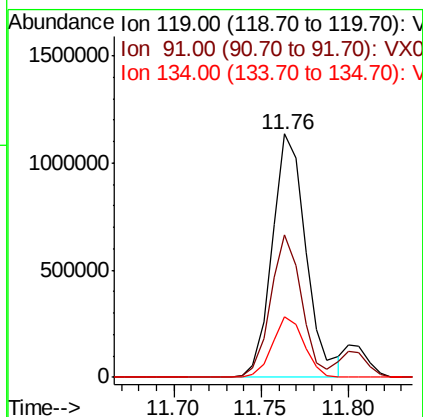
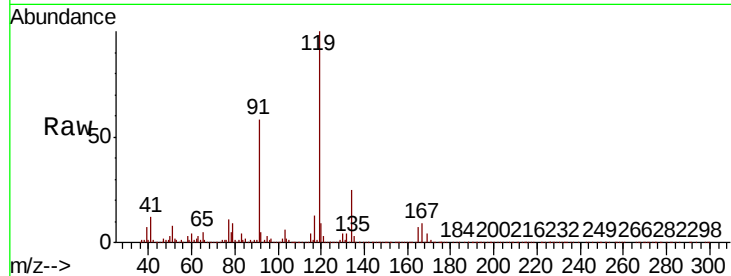




#83
tert-Butylbenzene
Concen: 54.450 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

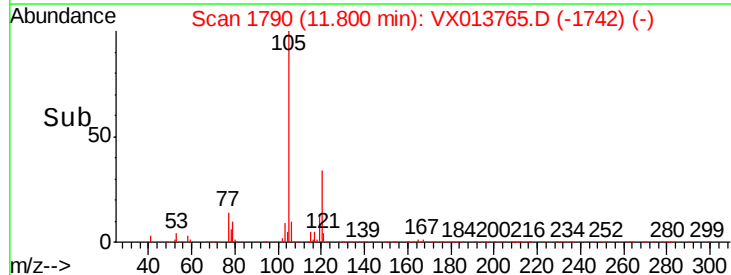
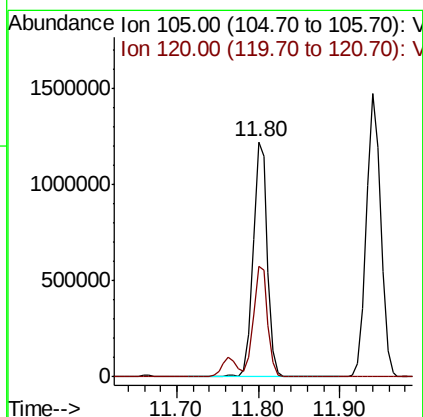
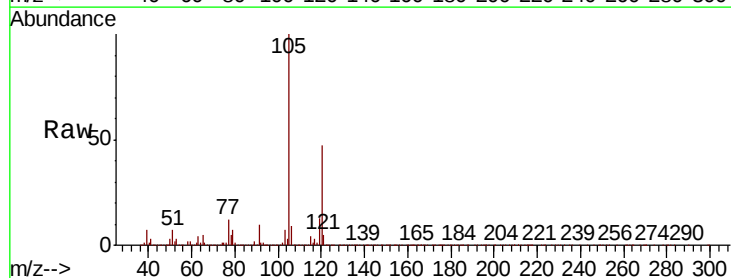
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

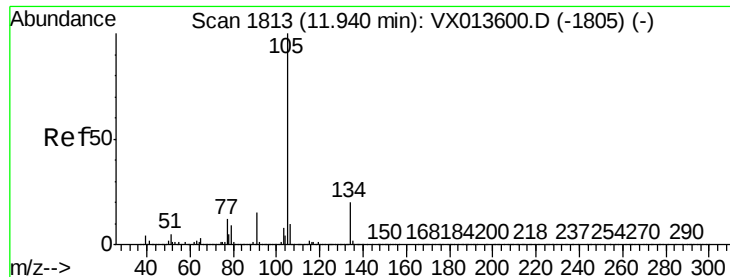
Tot Ion:119 Resp: 1526503
Ion Ratio Lower Upper
119 100
91 53.5 27.2 81.6
134 23.3 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 53.372 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion:105 Resp: 1494219
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.3





#85

sec-Butylbenzene

Concen: 54.935 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

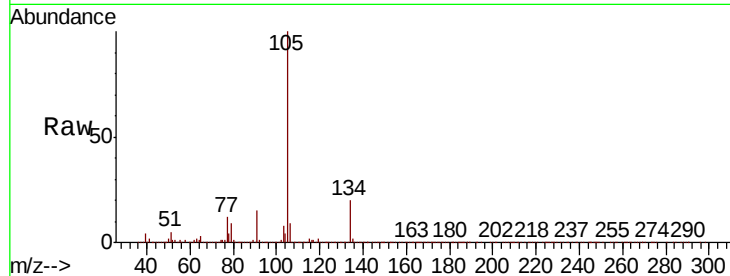
VSTDCCC050

Tot Ion:105 Resp: 1759126

Ion Ratio Lower Upper

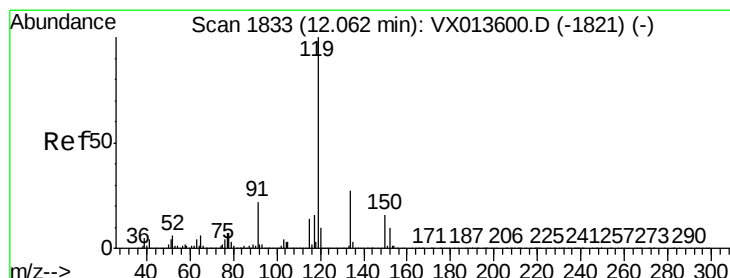
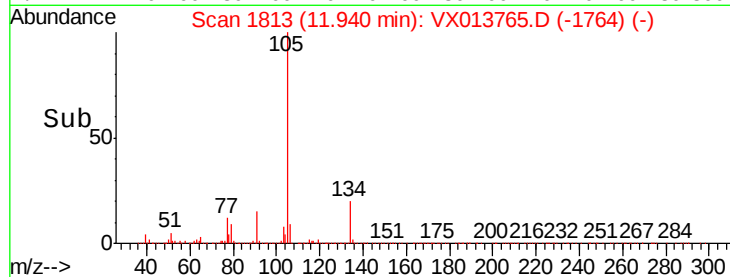
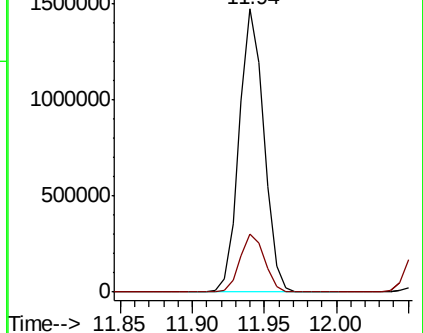
105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.367 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

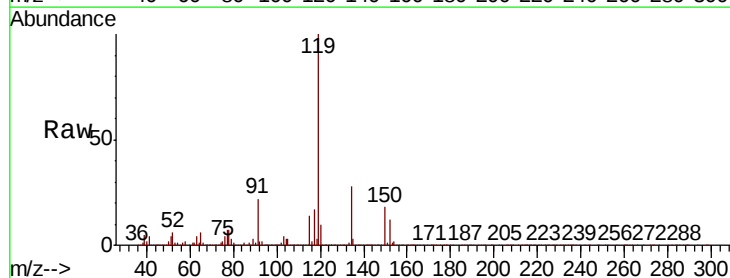
Tgt Ion:119 Resp: 1619604

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

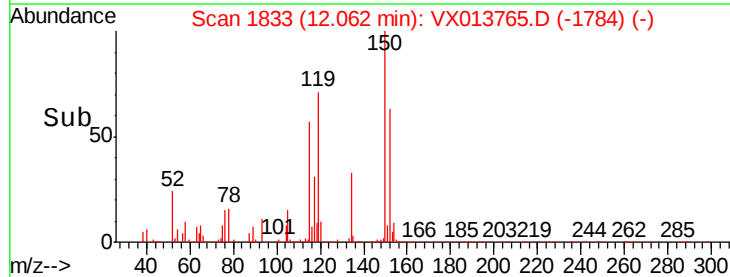
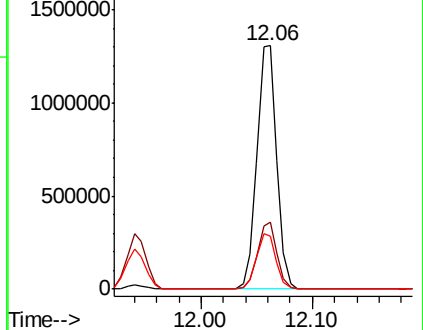
91 22.4 11.3 33.8

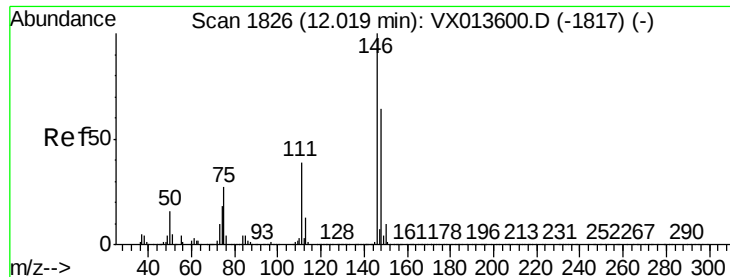


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 52.616 ug/l

RT: 12.02 min Scan# 1826

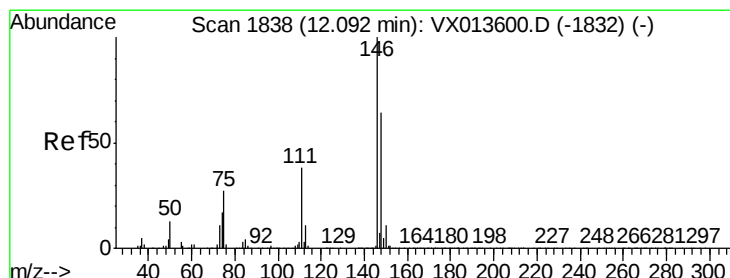
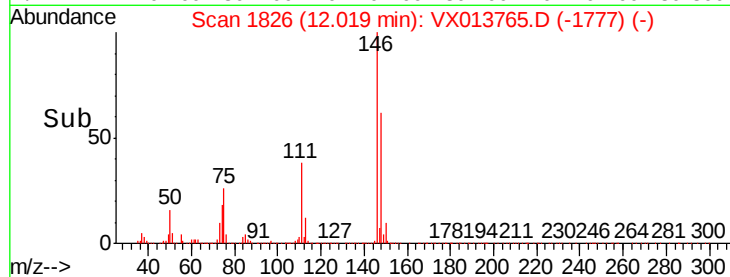
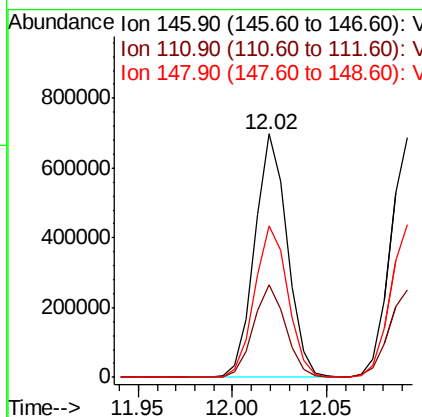
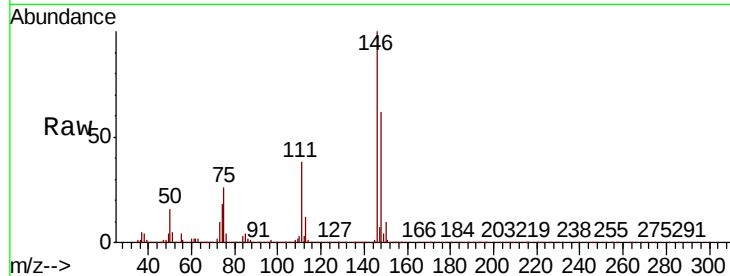
Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	63.8	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 51.353 ug/l

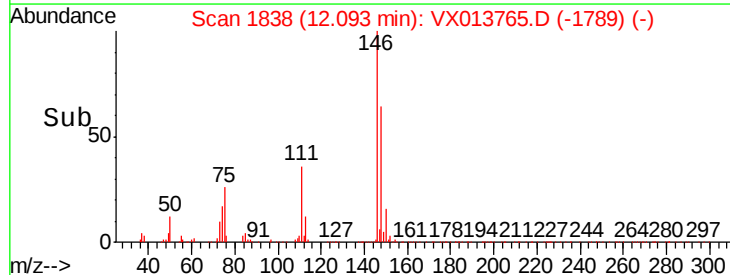
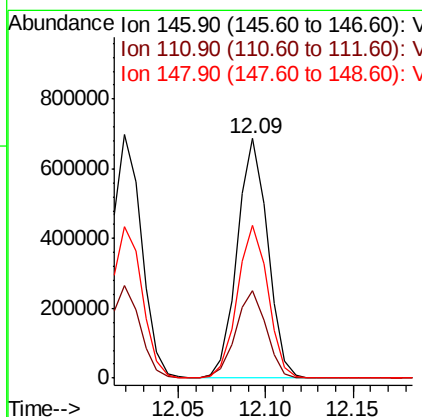
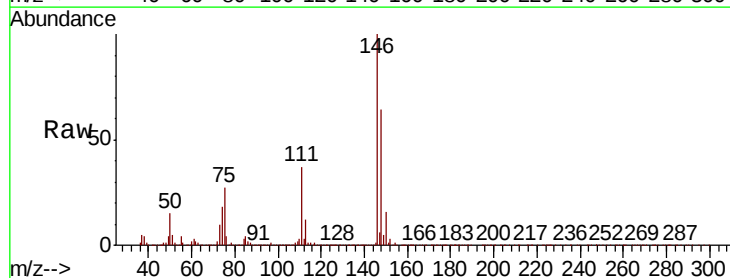
RT: 12.09 min Scan# 1838

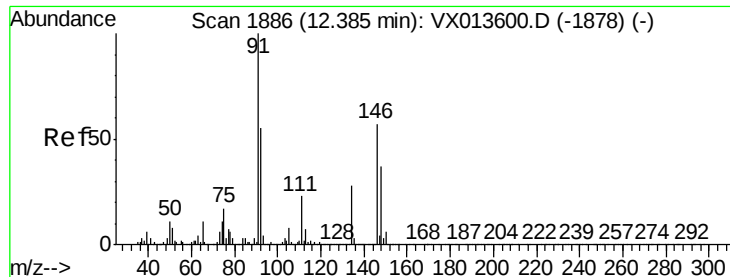
Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.9
148	64.2	31.9	95.5

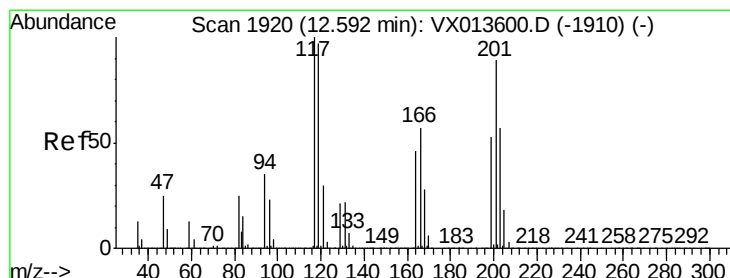
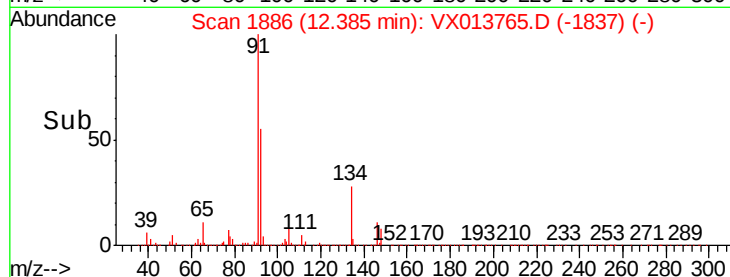
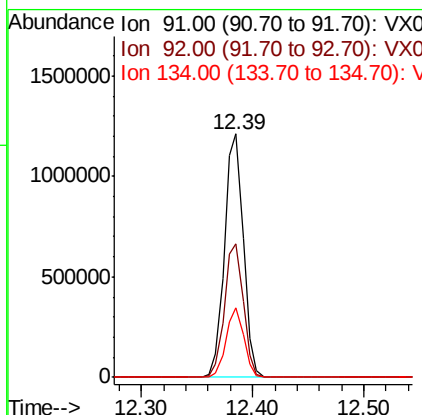
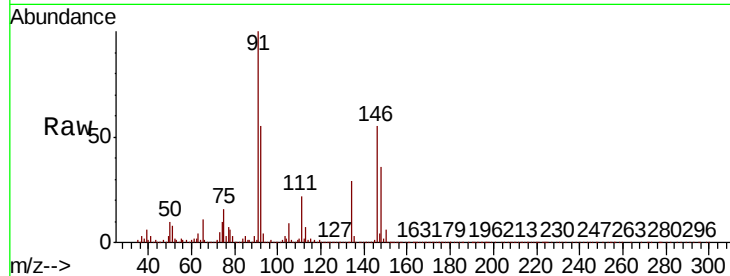




#89
n-Butylbenzene
Concen: 55.668 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

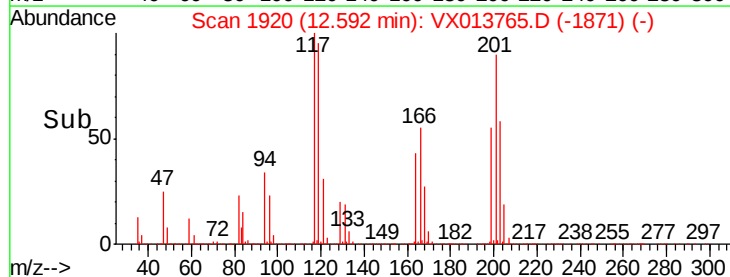
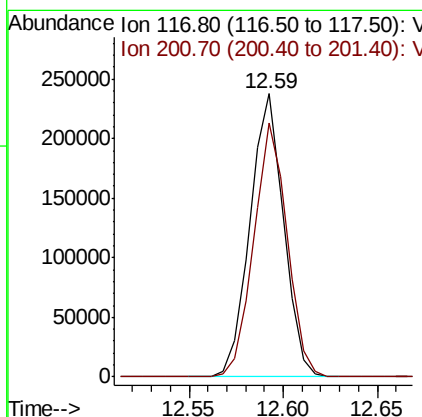
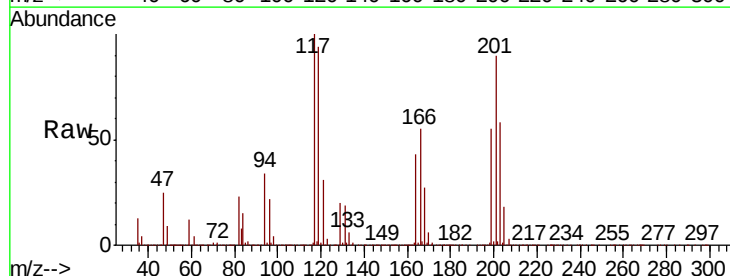
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

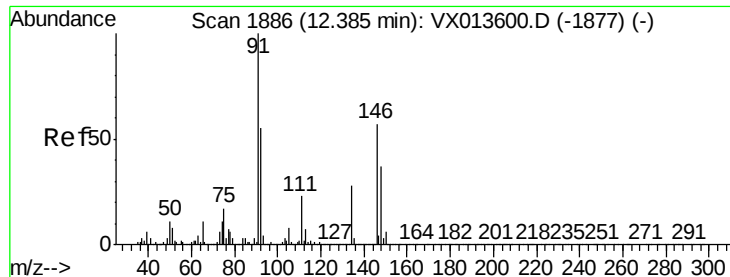
Tot Ion: 91 Resp: 1414402
Ion Ratio Lower Upper
91 100
92 55.1 27.4 82.2
134 27.4 13.5 40.4



#90
Hexachloroethane
Concen: 54.556 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013765.D
Acq: 05 Dec 2019 09:52

Tgt Ion: 117 Resp: 293764
Ion Ratio Lower Upper
117 100
201 88.9 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 52.708 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

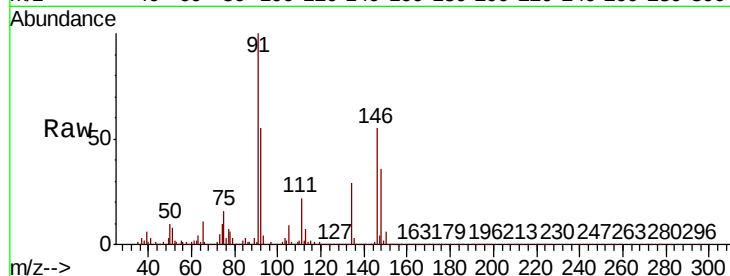
Tot Ion:146 Resp: 825440

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

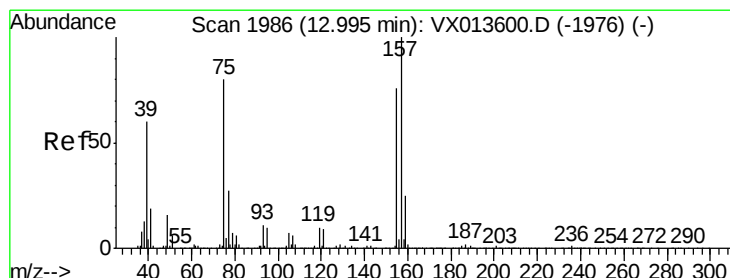
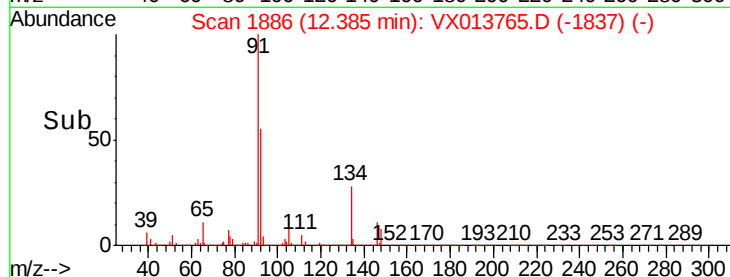
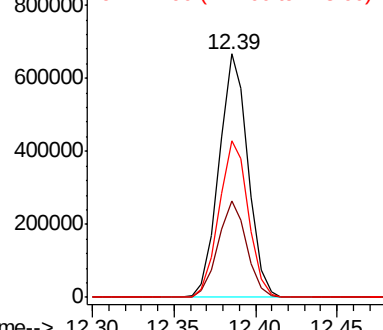
148 65.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.315 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

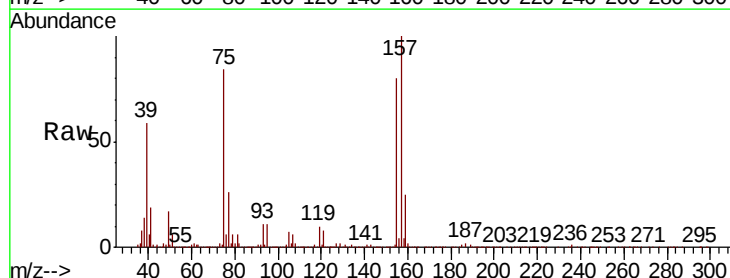
Tgt Ion: 75 Resp: 125351

Ion Ratio Lower Upper

75 100

155 96.4 47.6 142.8

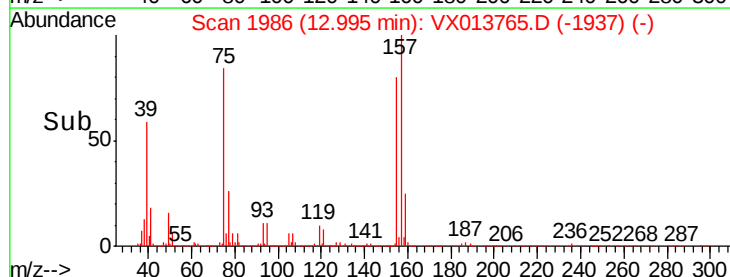
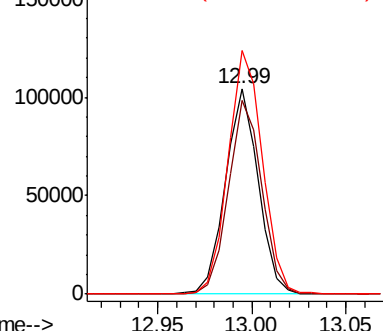
157 124.9 62.1 186.2

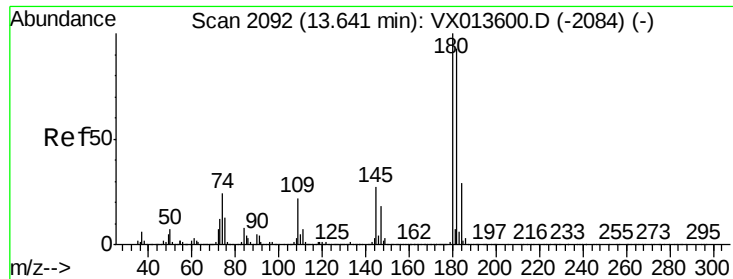


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

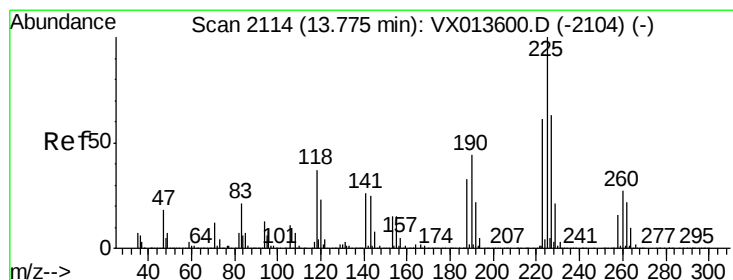
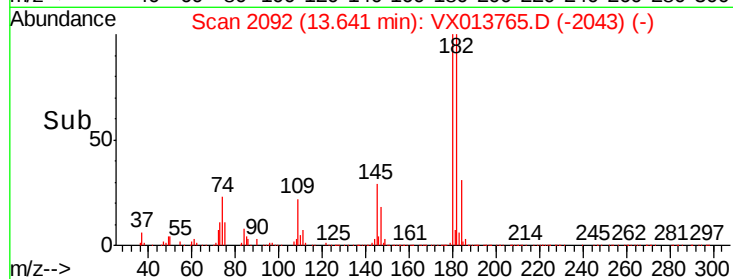
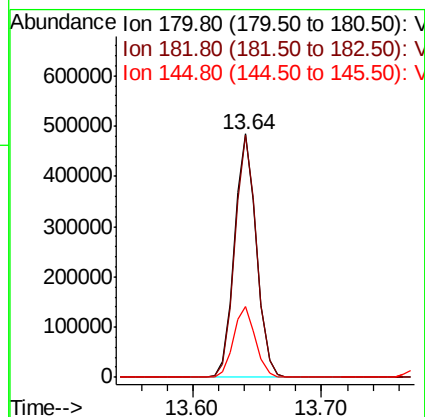
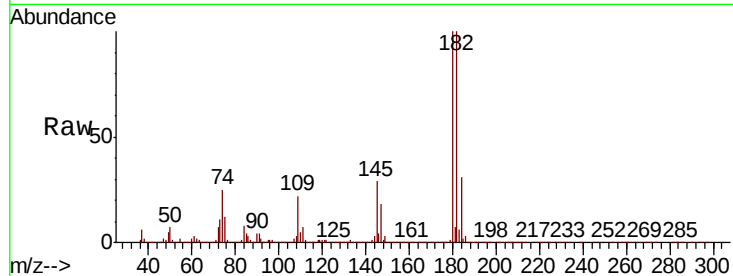




#93
 1,2,4-Trichlorobenzene
 Concen: 52.631 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013765.D
 Acq: 05 Dec 2019 09:52

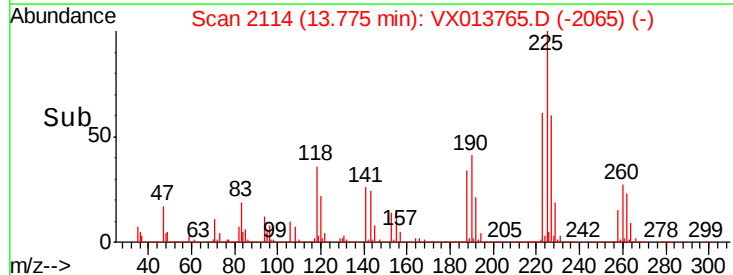
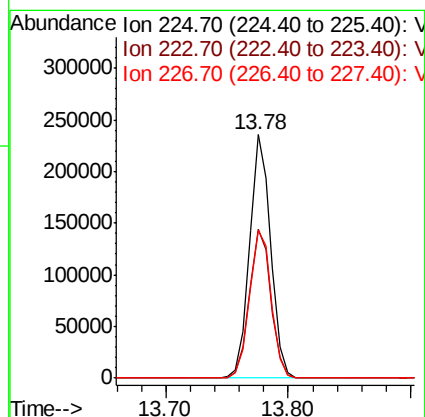
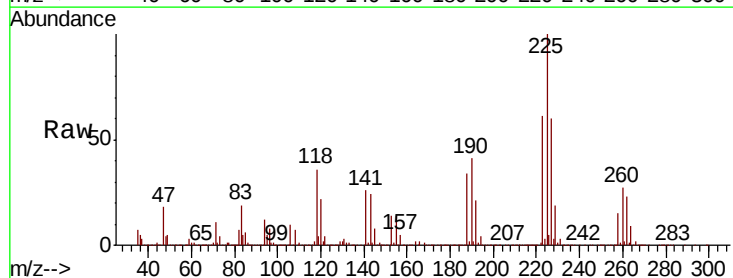
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

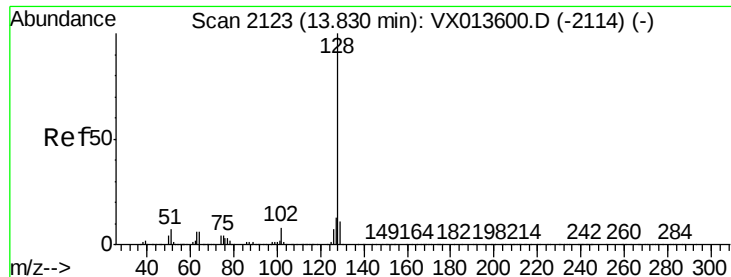
Tot Ion:180 Resp: 574430
 Ion Ratio Lower Upper
 180 100
 182 98.8 47.2 141.6
 145 29.1 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 53.765 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013765.D
 Acq: 05 Dec 2019 09:52

Tgt Ion:225 Resp: 281889
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.9 95.5
 227 62.3 32.1 96.3





#95

Naphthalene

Concen: 53.012 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

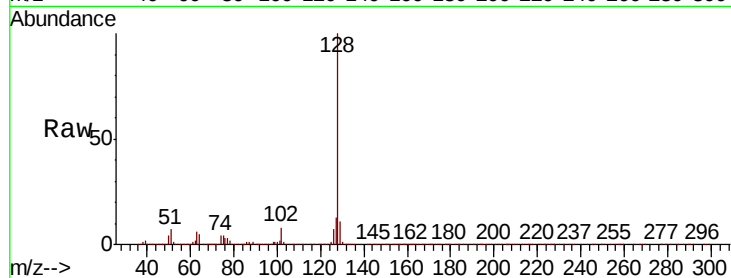
Tot Ion:128 Resp: 1723064

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

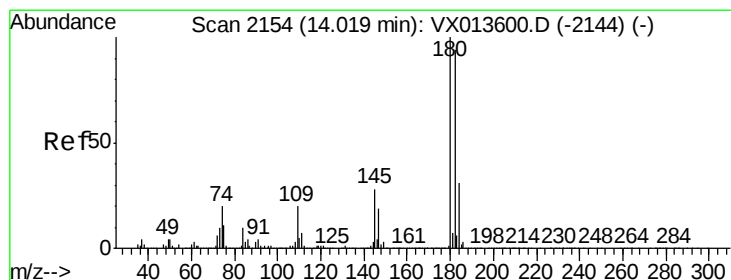
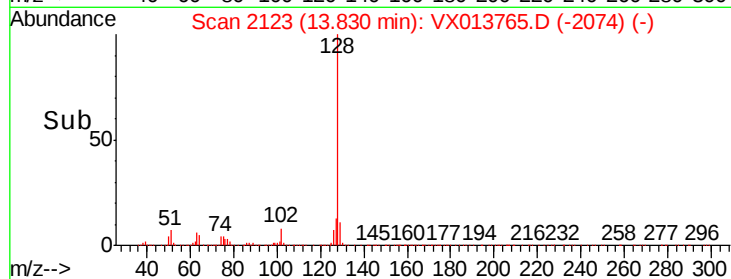
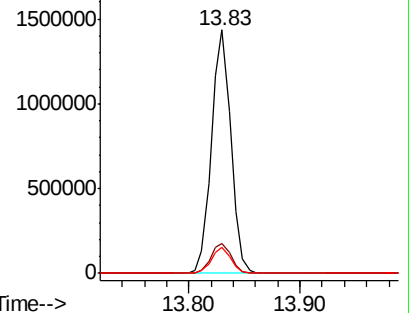
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.525 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013765.D

Acq: 05 Dec 2019 09:52

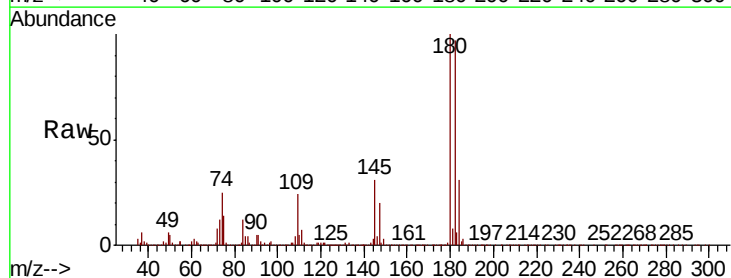
Tgt Ion:180 Resp: 567606

Ion Ratio Lower Upper

180 100

182 96.9 47.6 142.8

145 30.5 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

