

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
 Data File : VX012597.D
 Acq On : 23 Sep 2019 11:19
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 23 12:00:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	206508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	371126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	327139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	152115	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	144419	48.24	ug/l	0.00
Spiked Amount						
			Recovery	=	96.48%	
35) Dibromofluoromethane	5.48	113	106677	47.33	ug/l	0.00
Spiked Amount						
			Recovery	=	94.66%	
50) Toluene-d8	8.71	98	404598	48.23	ug/l	0.00
Spiked Amount						
			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.14	95	157841	45.80	ug/l	0.00
Spiked Amount						
			Recovery	=	91.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	108868	79.343	ug/l	100
3) Chloromethane	1.32	50	125699	92.731	ug/l	100
4) Vinyl Chloride	1.40	62	126335	88.253	ug/l	100
5) Bromomethane	1.63	94	45699	79.662	ug/l	100
6) Chloroethane	1.71	64	80304	72.923	ug/l	100
7) Trichlorofluoromethane	1.92	101	175231	72.115	ug/l	100
8) Diethyl Ether	2.18	74	71904	66.553	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	108506	63.473	ug/l	100
10) Methyl Iodide	2.50	142	110058	78.166	ug/l	100
11) Tert butyl alcohol	3.04	59	183955	233.333	ug/l	100
12) 1,1-Dichloroethene	2.36	96	110537	76.863	ug/l	100
13) Acrolein	2.28	56	100942	317.066	ug/l	100
14) Allyl chloride	2.72	41	215316	67.214	ug/l	100
15) Acrylonitrile	3.13	53	374908	286.374	ug/l	100
16) Acetone	2.44	43	395512	260.059	ug/l	100
17) Carbon Disulfide	2.56	76	298220	129.977	ug/l	100
18) Methyl Acetate	2.76	43	177799	56.537	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	409954	56.702	ug/l	100
20) Methylene Chloride	2.84	84	126374	66.080	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	118288	78.576	ug/l	100
22) Diisopropyl ether	3.84	45	411652	56.907	ug/l	100
23) Vinyl Acetate	3.80	43	1860328	309.360	ug/l	100
24) 1,1-Dichloroethane	3.69	63	225330	63.599	ug/l	100
25) 2-Butanone	4.66	43	561708	270.236	ug/l	100
26) 2,2-Dichloropropane	4.58	77	199044	58.181	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	137844	64.790	ug/l	100
28) Bromochloromethane	5.00	49	82036	47.163	ug/l	100
29) Tetrahydrofuran	5.12	42	346818	298.361	ug/l	100
30) Chloroform	5.20	83	223000	56.019	ug/l	100
31) Cyclohexane	5.57	56	201916	83.627	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	204048	60.661	ug/l	100
36) 1,1-Dichloropropene	5.79	75	166079	68.845	ug/l	100
37) Ethyl Acetate	4.82	43	204212	58.331	ug/l	100
38) Carbon Tetrachloride	5.78	117	175422	60.578	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201395	81.964	ug/l	100
40) Benzene	6.14	78	500943	66.034	ug/l	100
41) Methacrylonitrile	5.03	41	112523	50.632	ug/l	100
42) 1,2-Dichloroethane	6.18	62	190693	56.217	ug/l	100
43) Isopropyl Acetate	6.43	43	333637	53.596	ug/l	100
44) Trichloroethene	7.21	130	126372	64.083	ug/l	100
45) 1,2-Dichloropropane	7.51	63	127992	56.816	ug/l	100
46) Dibromomethane	7.65	93	86606	59.001	ug/l	100
47) Bromodichloromethane	7.89	83	178214	55.615	ug/l	100
48) Methyl methacrylate	7.76	41	163830	55.489	ug/l	100
49) 1,4-Dioxane	7.73	88	75571	1055.111	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1040435	257.143	ug/l	100
52) Toluene	8.78	92	316354	65.132	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	199495	59.292	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	216689	61.618	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	125822	52.583	ug/l	100
56) Ethyl methacrylate	9.17	69	216890	57.314	ug/l	100
57) 1,3-Dichloropropane	9.37	76	217777	56.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	510260	263.563	ug/l	100
59) 2-Hexanone	9.49	43	822455	260.249	ug/l	100
60) Dibromochloromethane	9.58	129	133327	55.042	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133083	59.861	ug/l	100
64) Tetrachloroethene	9.33	164	108445	67.970	ug/l	100
65) Chlorobenzene	10.14	112	328928	59.109	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	121604	54.152	ug/l	100
67) Ethyl Benzene	10.25	91	606318	62.919	ug/l	100
68) m/p-Xylenes	10.35	106	455577	129.109	ug/l	100
69) o-Xylene	10.70	106	219392	61.294	ug/l	100
70) Styrene	10.71	104	379069	60.270	ug/l	100
71) Bromoform	10.85	173	87696	52.943	ug/l	# 100
73) Isopropylbenzene	11.01	105	590681	60.116	ug/l	100
74) N-amyl acetate	10.89	43	291955	56.304	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	197353	52.651	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	245626	69.791	ug/l	87
77) Bromobenzene	11.25	156	133451	56.436	ug/l	100
78) n-propylbenzene	11.35	91	665329	60.742	ug/l	100
79) 2-Chlorotoluene	11.42	91	407984	57.488	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	499590	59.822	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69803	58.265	ug/l	100
82) 4-Chlorotoluene	11.51	91	474652	58.337	ug/l	100
83) tert-Butylbenzene	11.77	119	475192	54.083	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	505202	59.021	ug/l	100
85) sec-Butylbenzene	11.94	105	563023	57.617	ug/l	100
86) p-Isopropyltoluene	12.06	119	516967	57.690	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	242436	54.800	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	244242	53.864	ug/l	100
89) n-Butylbenzene	12.39	91	453289	56.824	ug/l	100
90) Hexachloroethane	12.59	117	91339	56.191	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	244205	53.265	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52788	54.538	ug/l	100

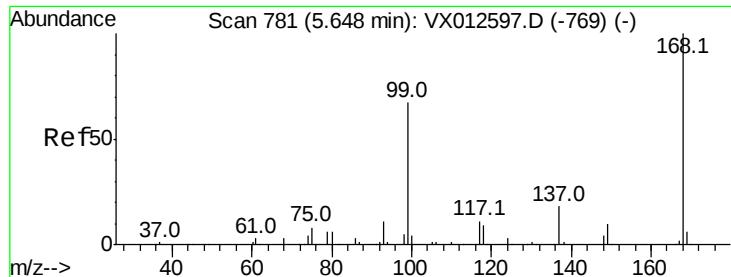
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 11:56:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	151257	51.971	ug/l	100
94) Hexachlorobutadiene	13.78	225	63936	46.977	ug/l	100
95) Naphthalene	13.83	128	574259	55.065	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	154435	52.023	ug/l	100

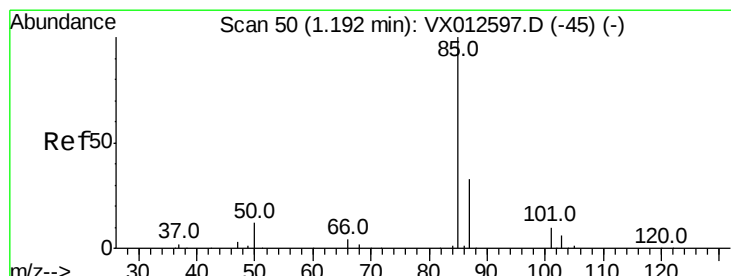
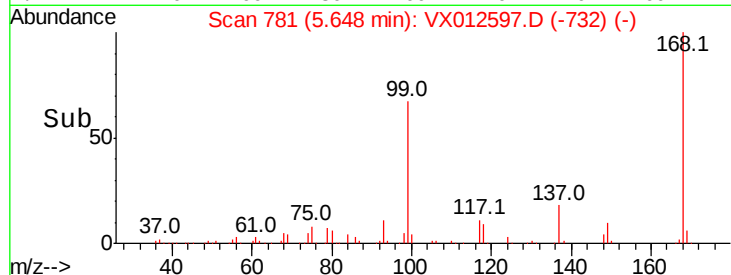
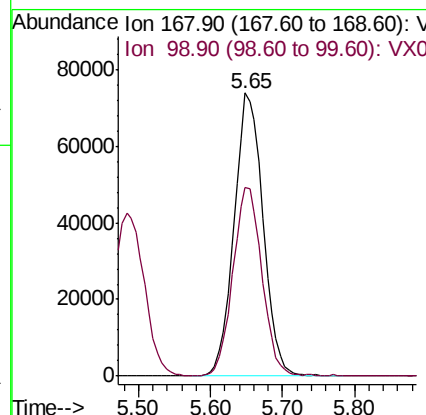
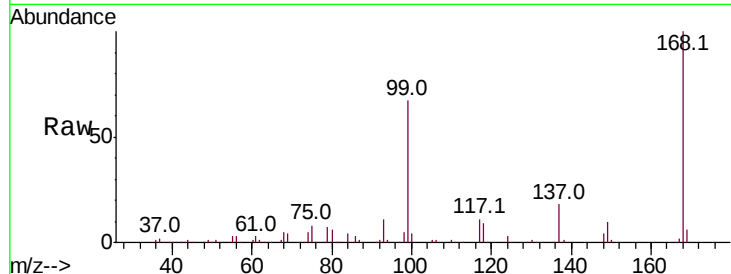
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

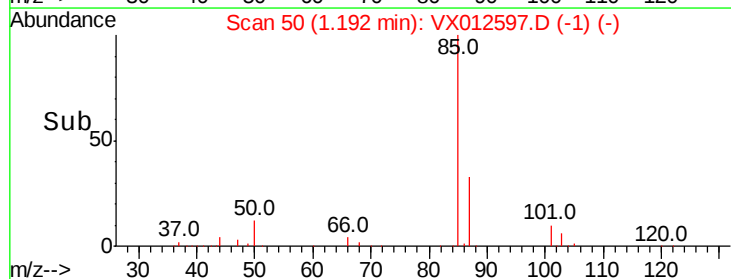
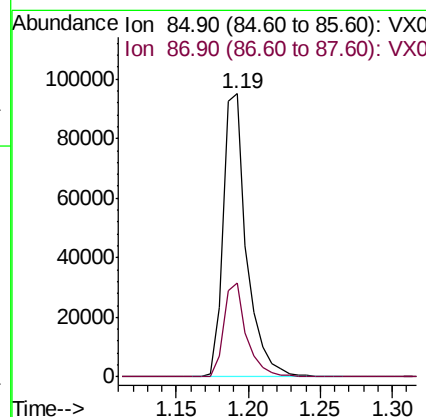
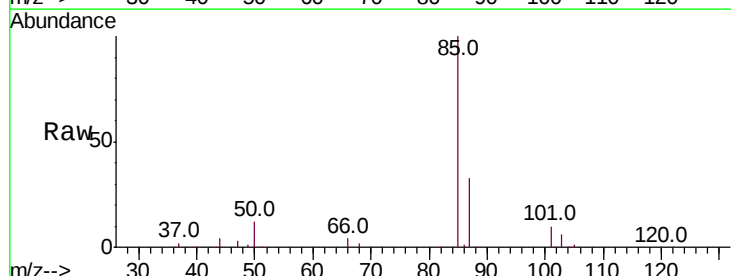
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

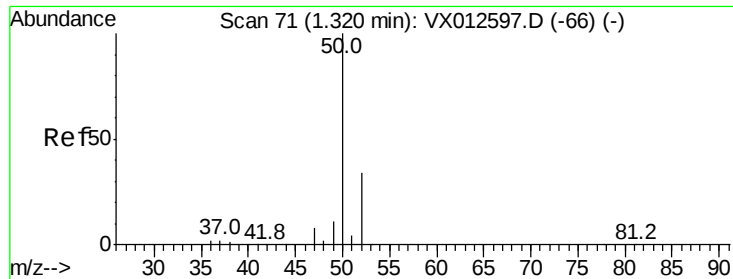
Tot Ion:168 Resp: 206508
Ion Ratio Lower Upper
168 100
99 66.6 53.3 79.9



#2
Dichlorodifluoromethane
Concen: 79.343 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 85 Resp: 108868
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5





#3

Chloromethane

Concen: 92.731 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

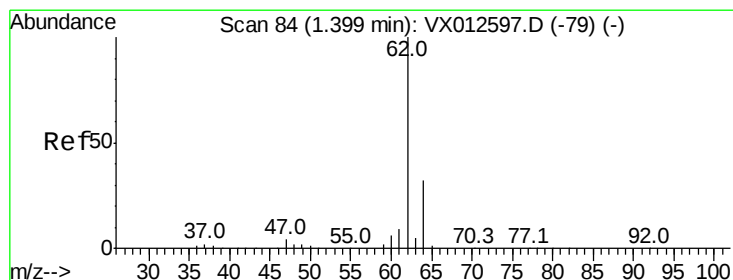
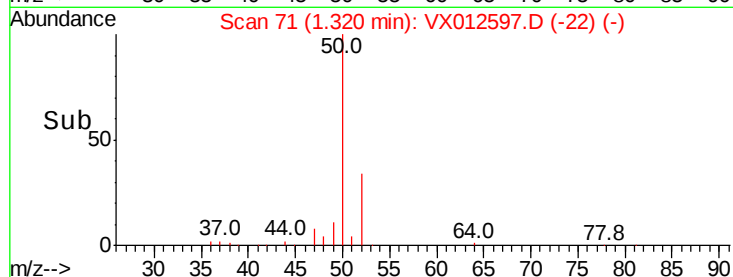
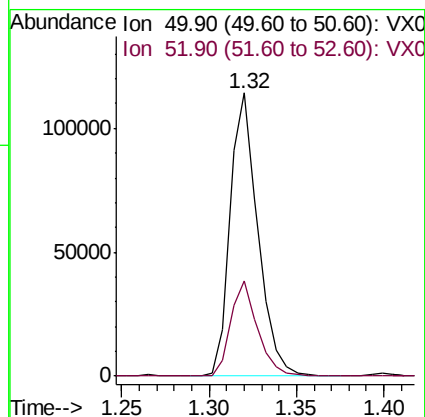
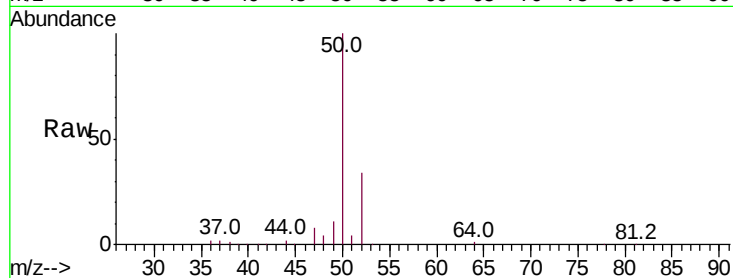
VSTDICCC050

Tot Ion: 50 Resp: 125699

Ion Ratio Lower Upper

50 100

52 33.7 27.0 40.4



#4

Vinyl Chloride

Concen: 88.253 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012597.D

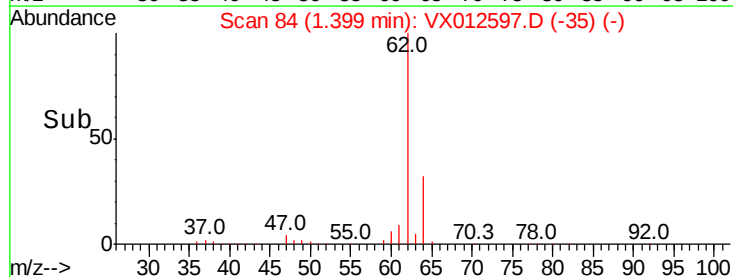
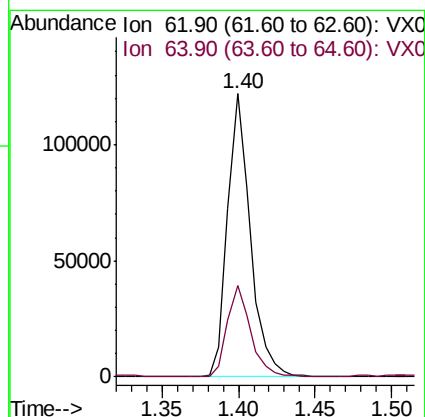
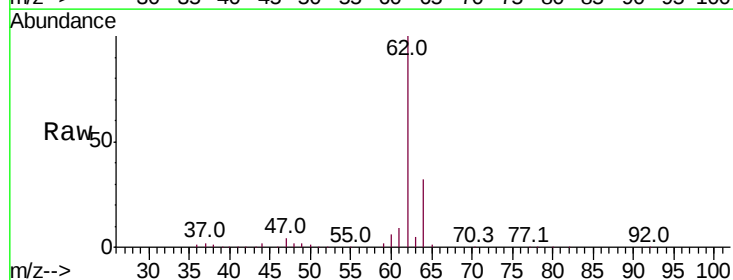
Acq: 23 Sep 2019 11:19

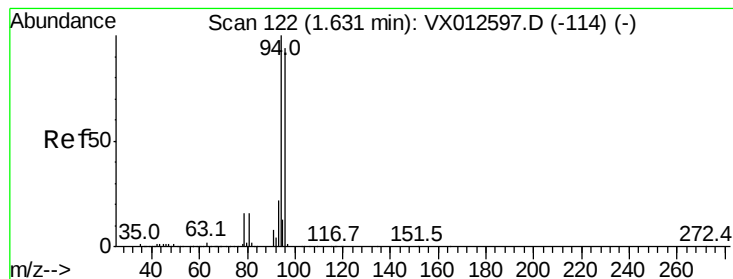
Tgt Ion: 62 Resp: 126335

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8





#5

Bromomethane

Concen: 79.662 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

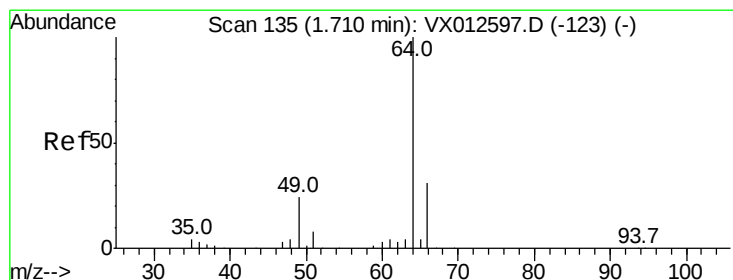
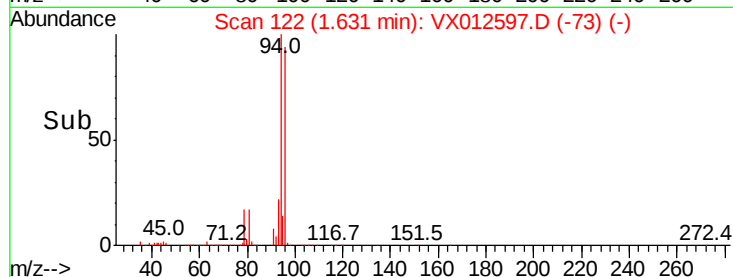
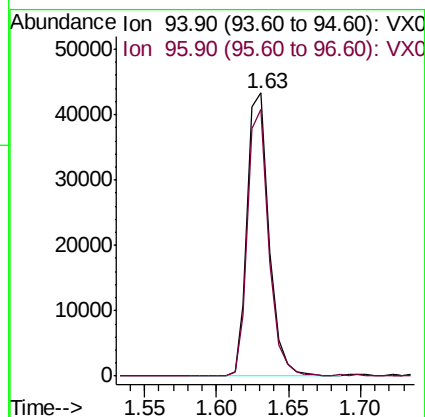
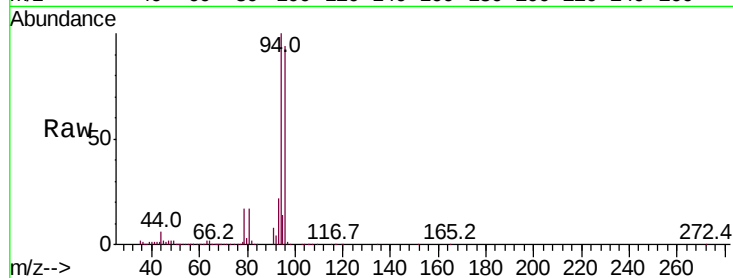
VSTDICCC050

Tot Ion: 94 Resp: 45699

Ion Ratio Lower Upper

94 100

96 94.2 75.4 113.0



#6

Chloroethane

Concen: 72.923 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012597.D

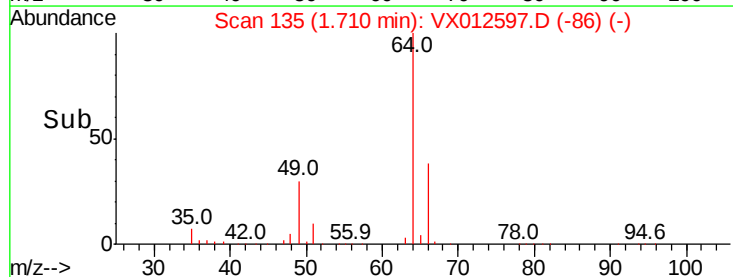
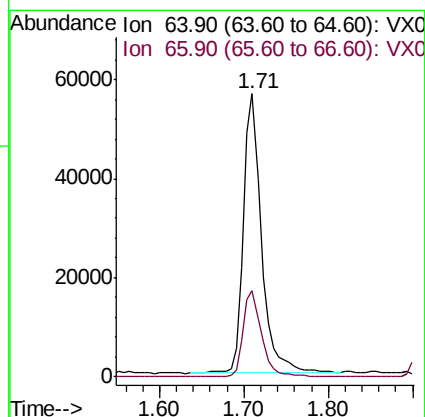
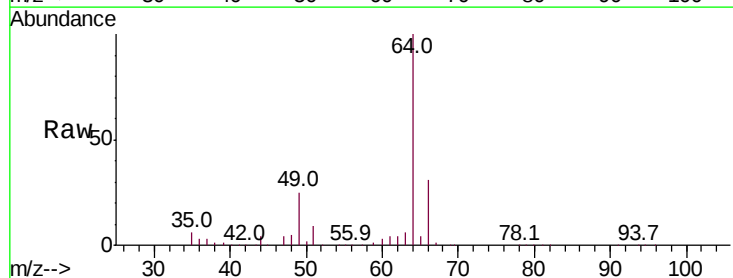
Acq: 23 Sep 2019 11:19

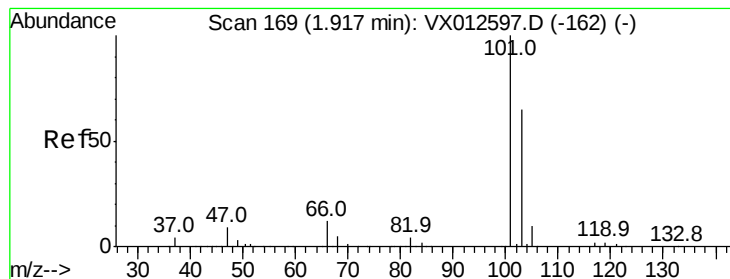
Tgt Ion: 64 Resp: 80304

Ion Ratio Lower Upper

64 100

66 30.8 24.6 37.0



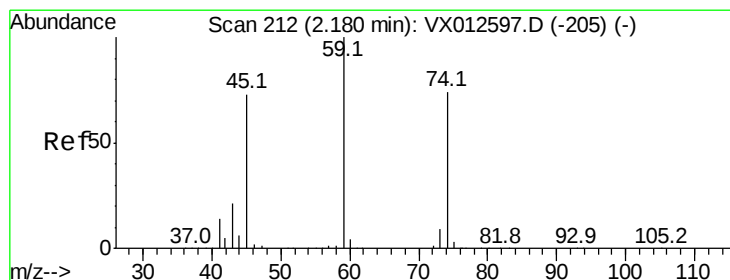
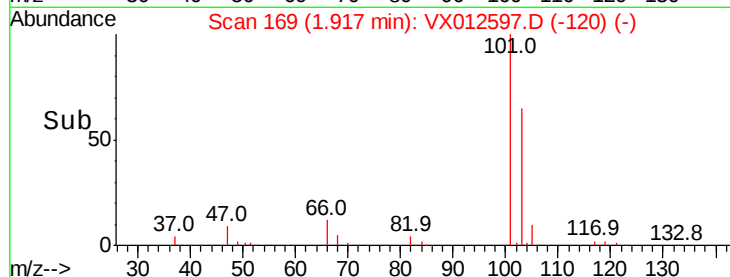
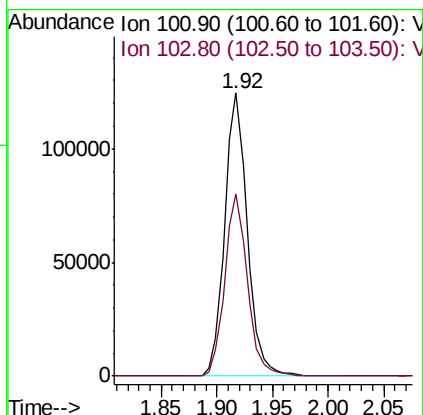
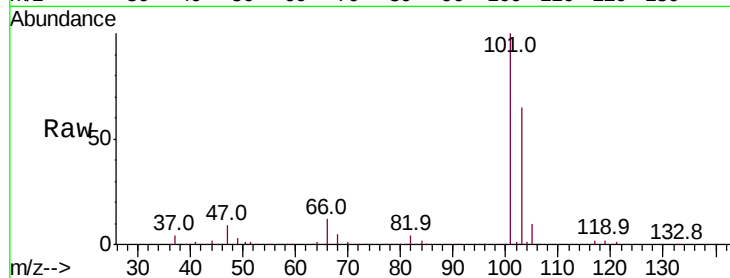


#7

Trichlorofluoromethane
Concen: 72.115 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

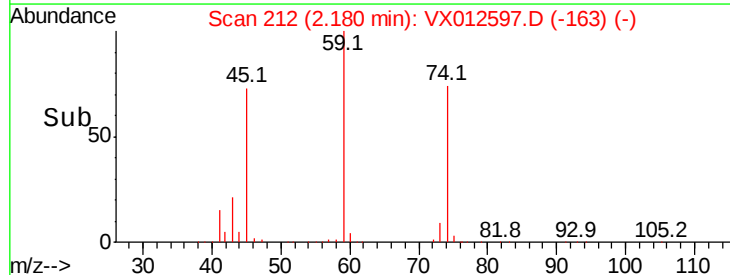
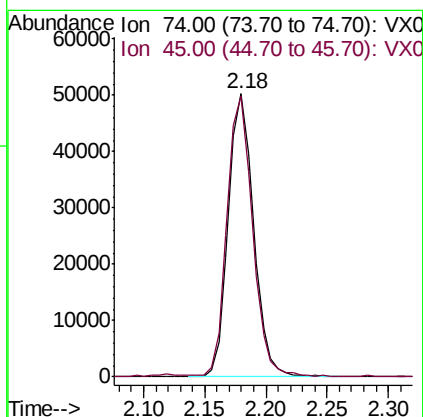
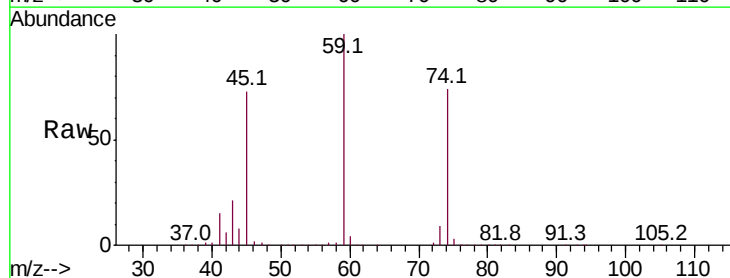
Tot Ion:101 Resp: 175231
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

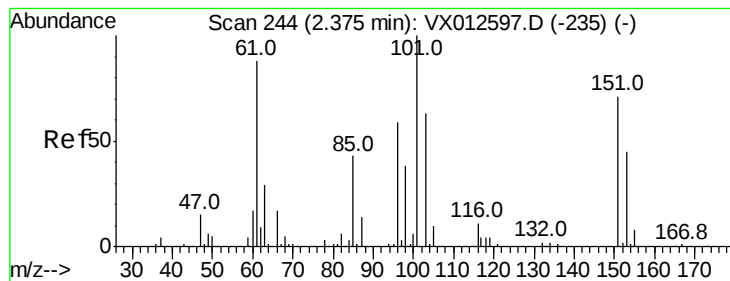


#8

Diethyl Ether
Concen: 66.553 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 74 Resp: 71904
Ion Ratio Lower Upper
74 100
45 99.9 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 63.473 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

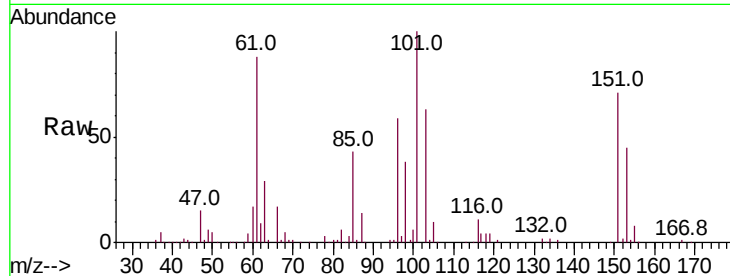
Tot Ion:101 Resp: 108506

Ion Ratio Lower Upper

101 100

85 44.7 35.8 53.6

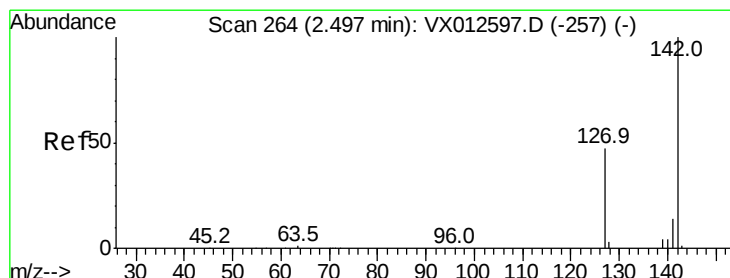
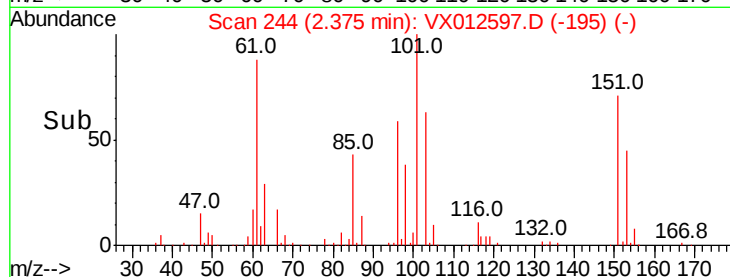
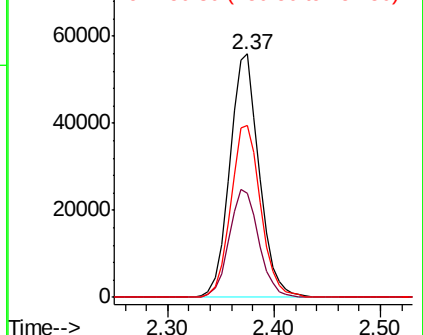
151 71.8 57.4 86.2



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: 78.166 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

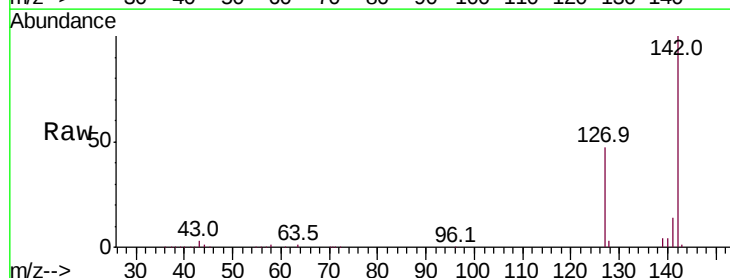
Tgt Ion:142 Resp: 110058

Ion Ratio Lower Upper

142 100

127 47.6 38.1 57.1

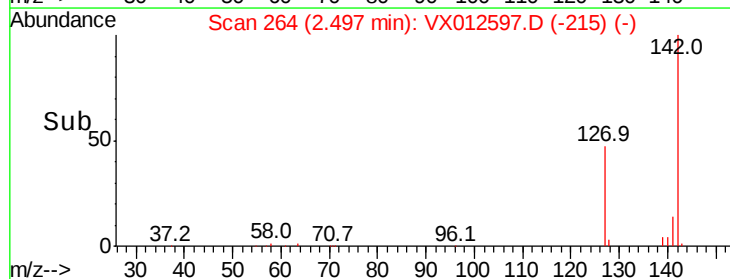
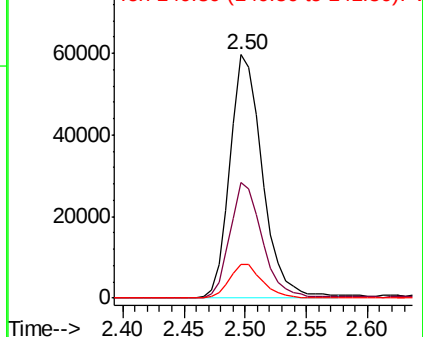
141 14.2 11.4 17.0

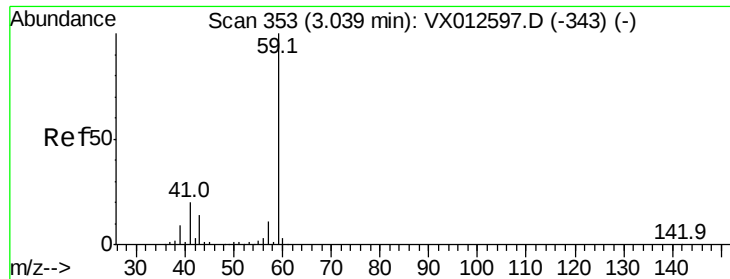


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



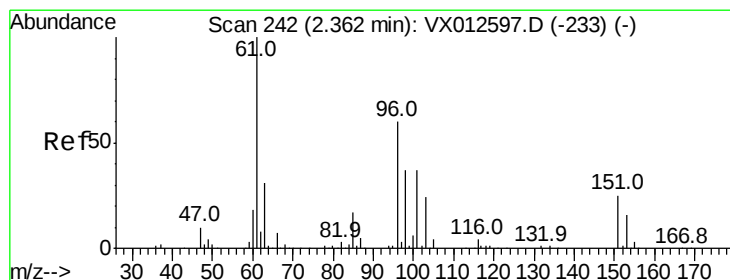
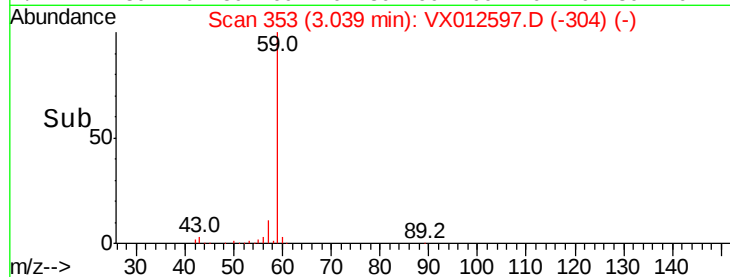
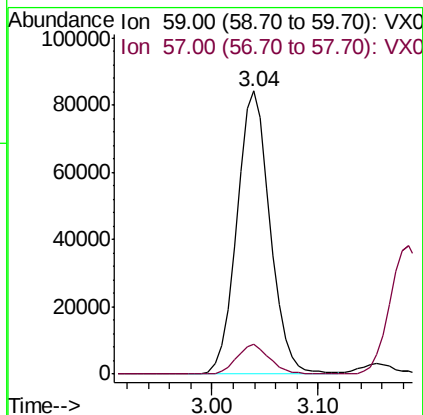
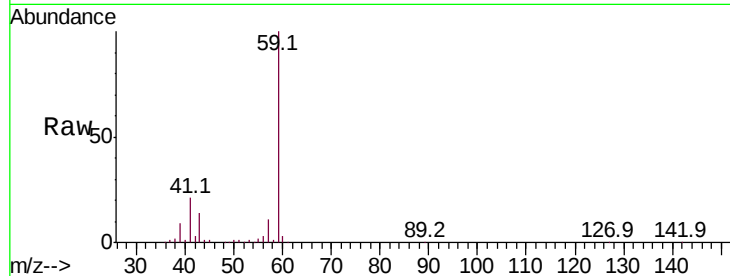


#11

Tert butyl alcohol
Concen: 233.333 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

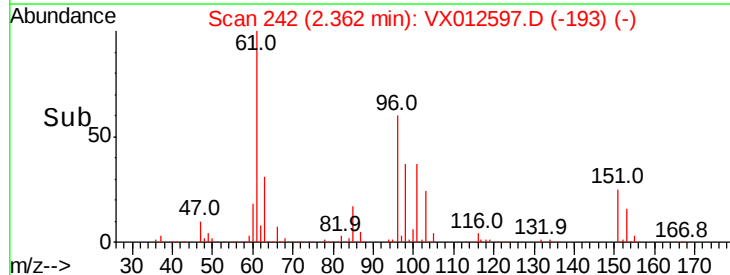
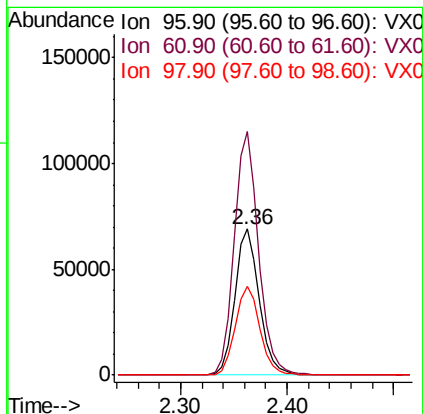
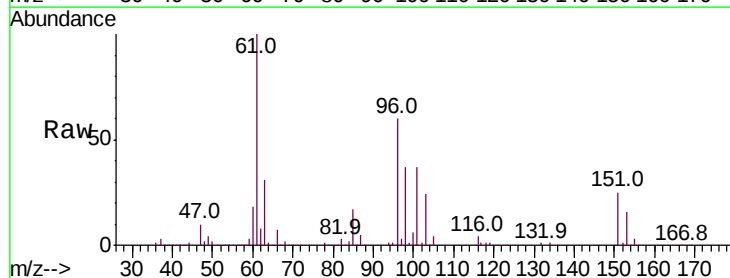
Tot Ion: 59 Resp: 183955
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

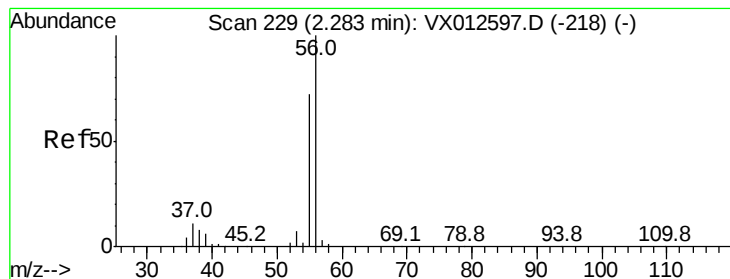


#12

1,1-Dichloroethene
Concen: 76.863 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 96 Resp: 110537
Ion Ratio Lower Upper
96 100
61 166.7 133.4 200.0
98 61.0 48.8 73.2





#13

Acrolein

Concen: 317.066 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

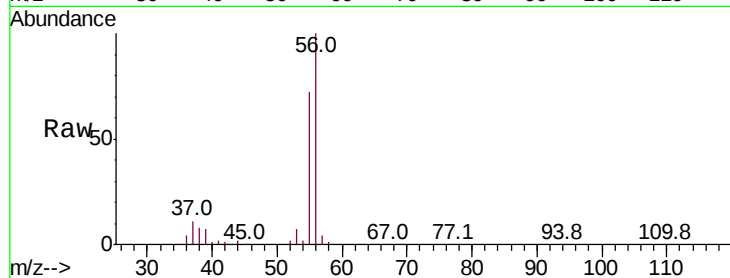
VSTDICCC050

Tot Ion: 56 Resp: 100942

Ion Ratio Lower Upper

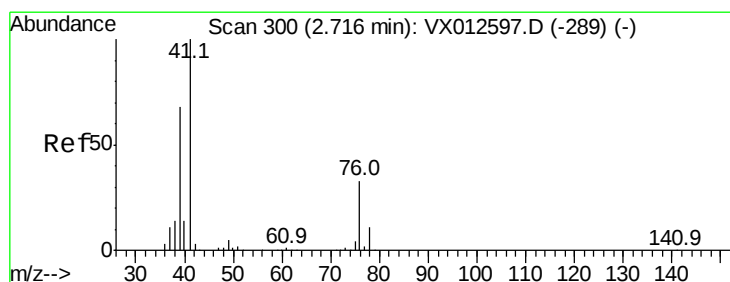
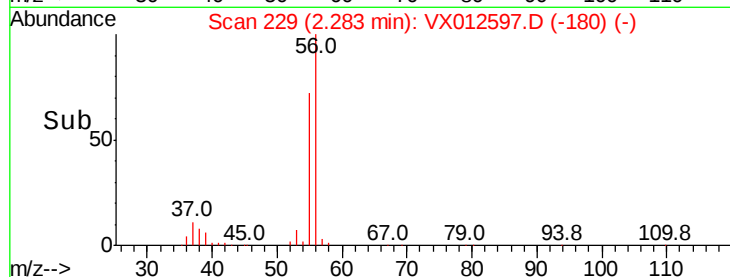
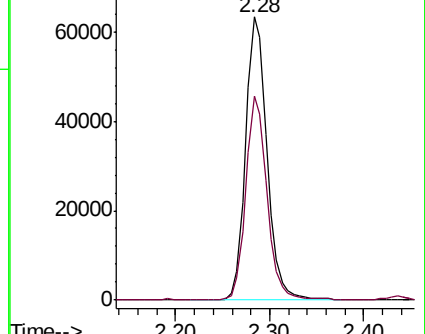
56 100

55 70.3 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 67.214 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

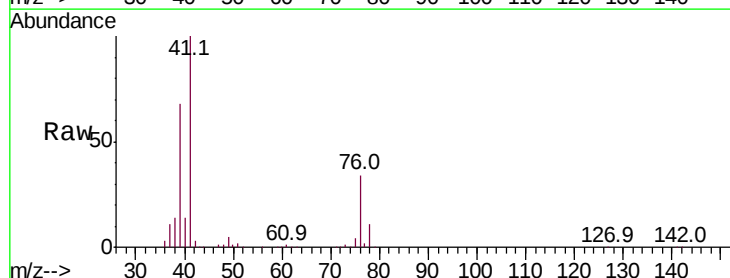
Tgt Ion: 41 Resp: 215316

Ion Ratio Lower Upper

41 100

39 65.1 52.1 78.1

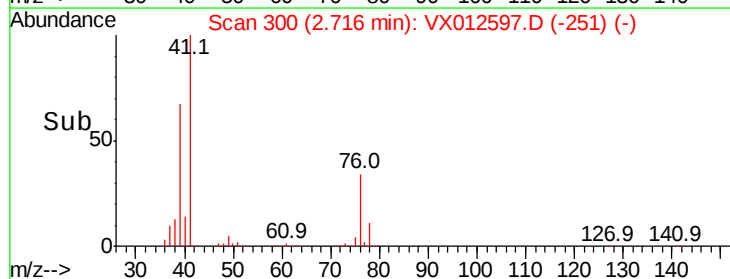
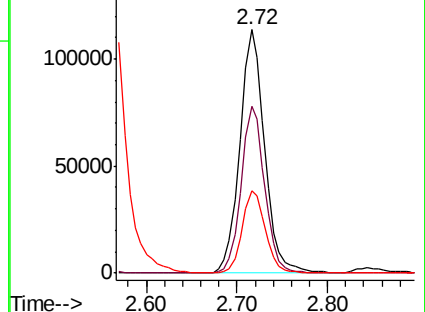
76 31.3 25.0 37.6

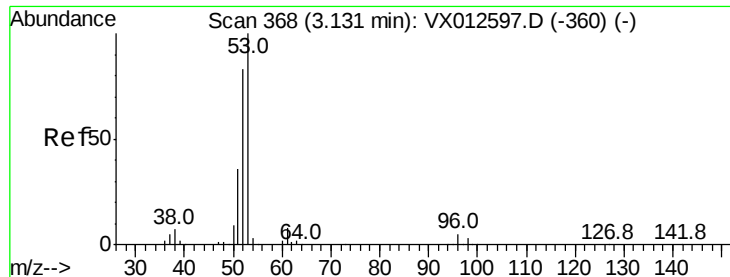


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 286.374 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

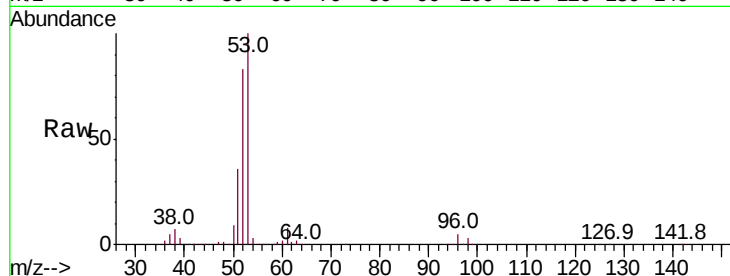
Tot Ion: 53 Resp: 374908

Ion Ratio Lower Upper

53 100

52 82.6 66.1 99.1

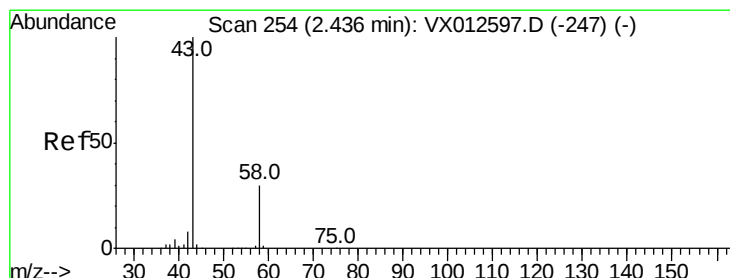
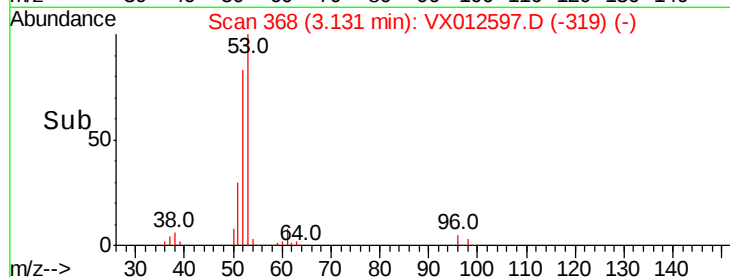
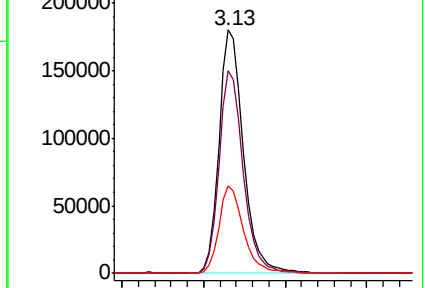
51 36.5 29.2 43.8



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: 260.059 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012597.D

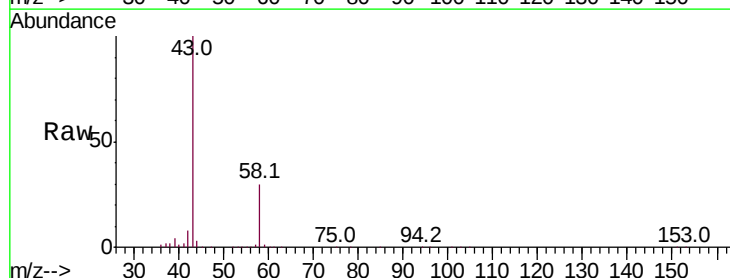
Acq: 23 Sep 2019 11:19

Tgt Ion: 43 Resp: 395512

Ion Ratio Lower Upper

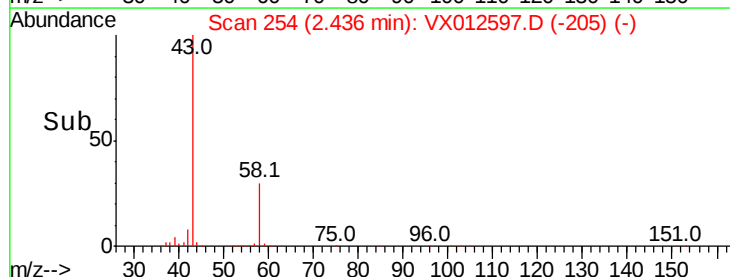
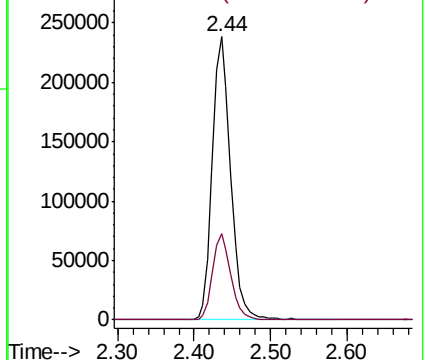
43 100

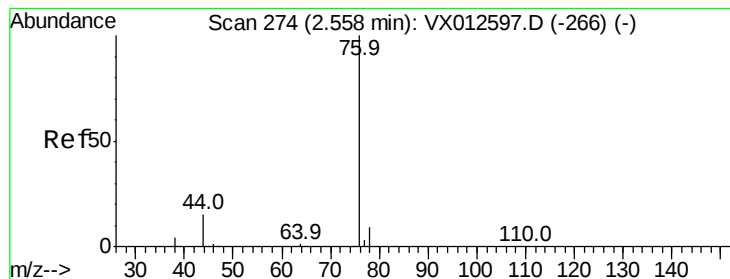
58 30.4 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 129.977 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

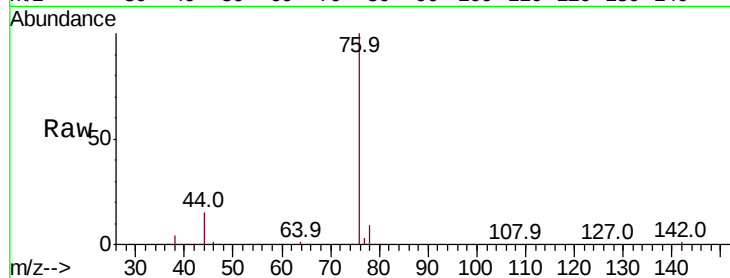
VSTDICCC050

Tot Ion: 76 Resp: 298220

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

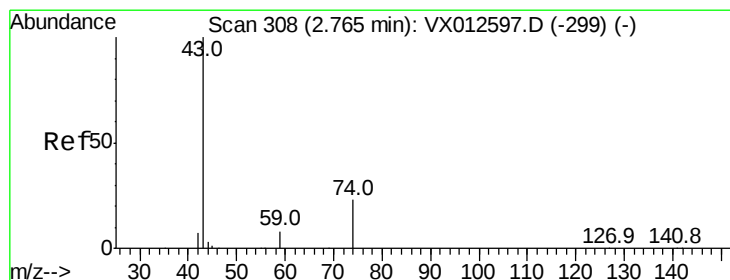
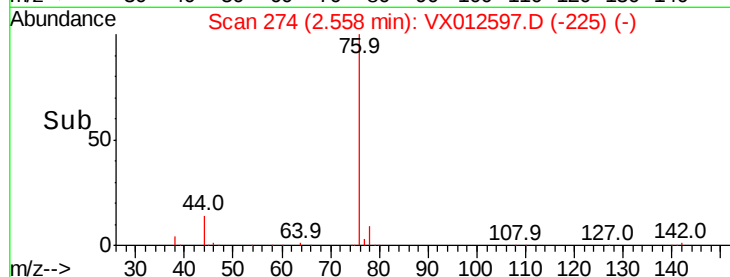
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 56.537 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012597.D

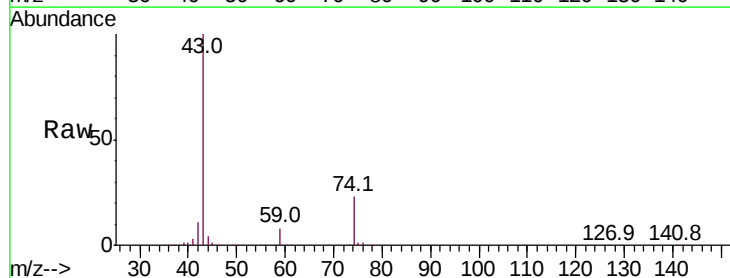
Acq: 23 Sep 2019 11:19

Tgt Ion: 43 Resp: 177799

Ion Ratio Lower Upper

43 100

74 23.2 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

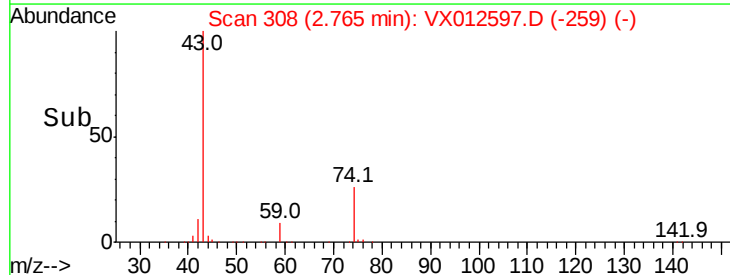
60000

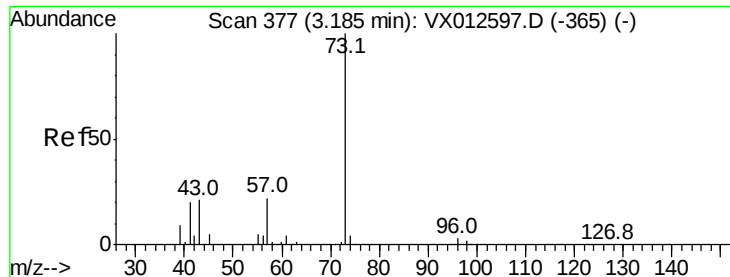
40000

20000

0

Time-->

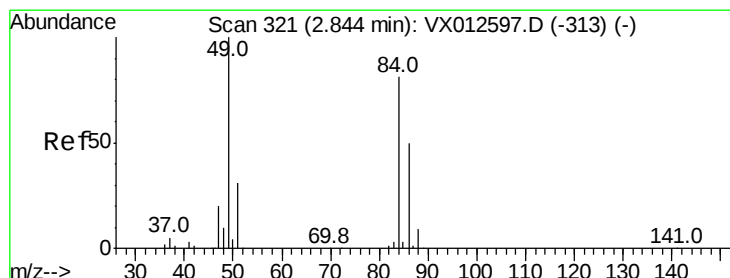
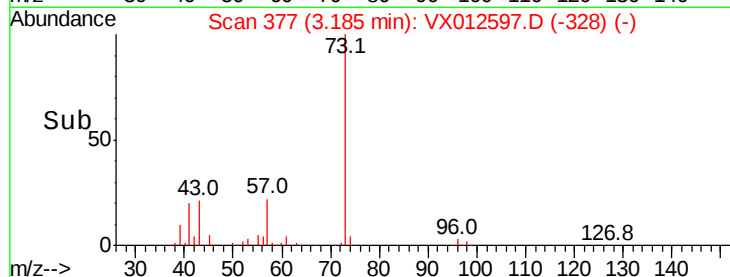
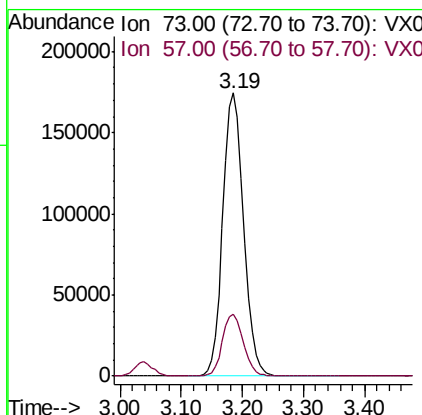
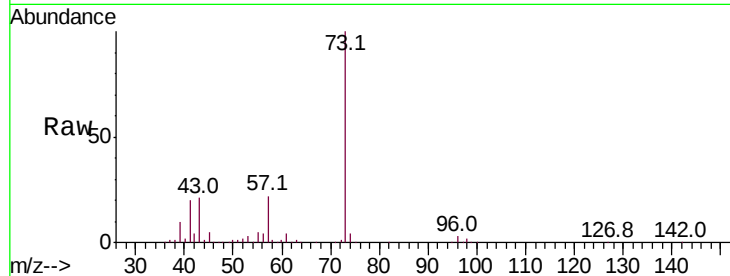




#19
Methyl tert-butyl Ether
Concen: 56.702 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

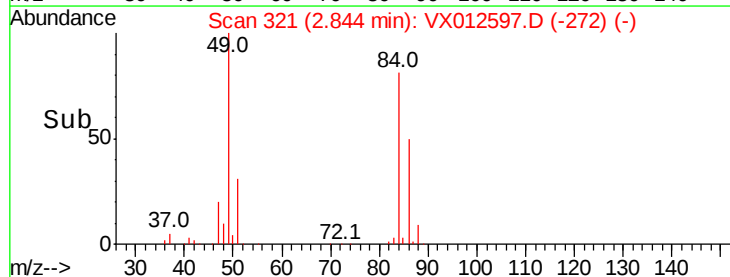
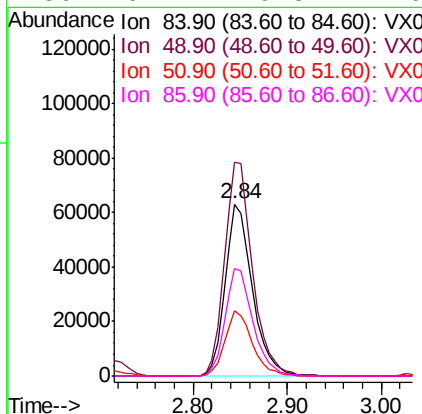
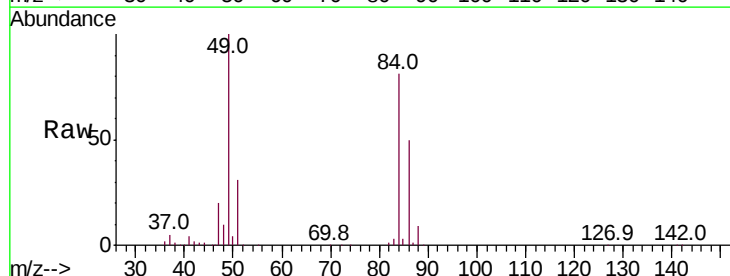
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

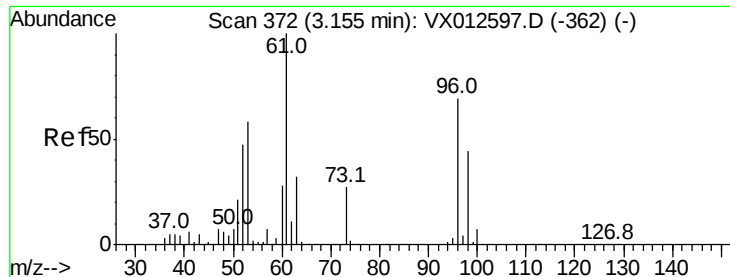
Tot Ion: 73 Resp: 409954
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 66.080 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 84 Resp: 126374
Ion Ratio Lower Upper
84 100
49 124.1 99.3 148.9
51 38.0 30.4 45.6
86 62.2 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 78.576 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

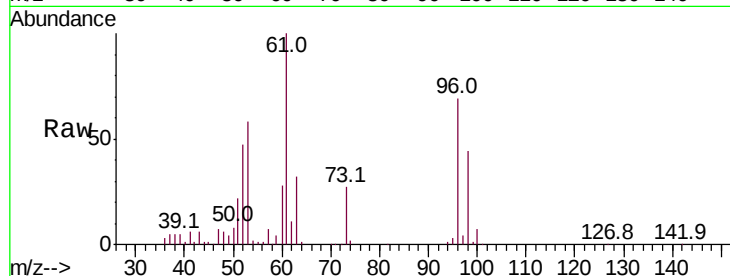
Tot Ion: 96 Resp: 118288

Ion Ratio Lower Upper

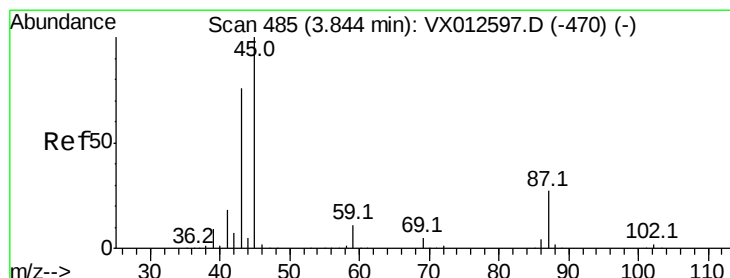
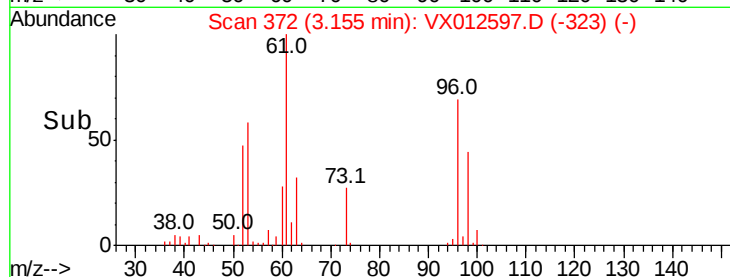
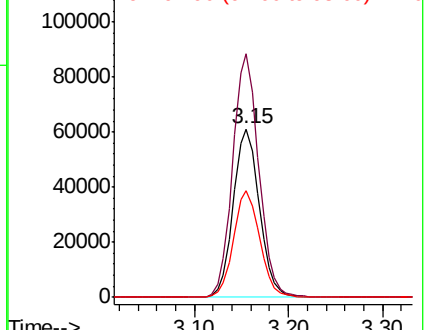
96 100

61 144.6 115.7 173.5

98 63.2 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 56.907 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion: 45 Resp: 411652

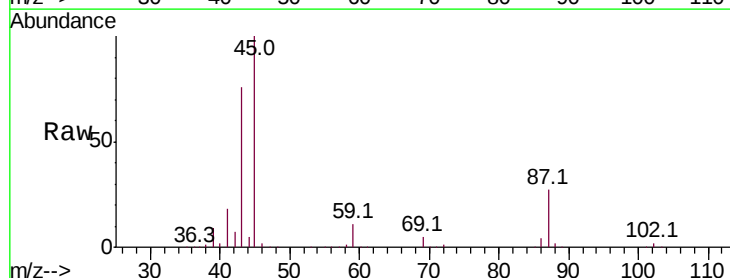
Ion Ratio Lower Upper

45 100

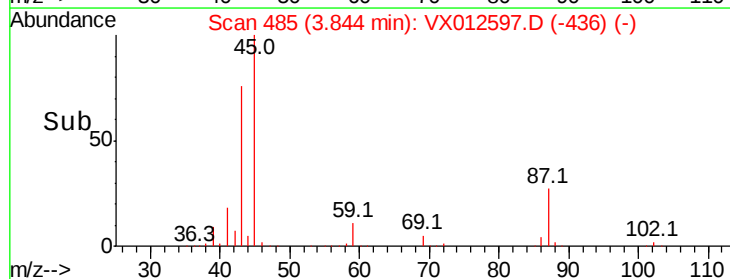
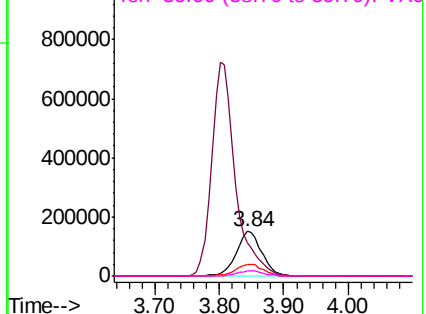
43 76.0 60.8 91.2

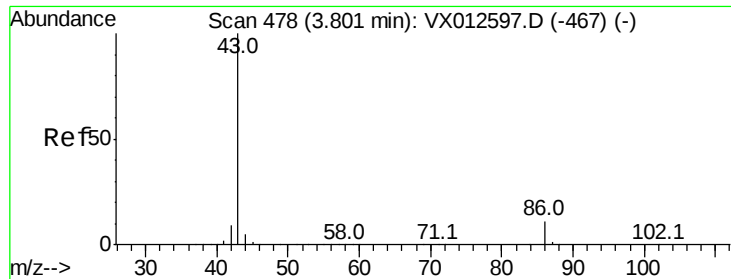
87 27.4 21.9 32.9

59 10.7 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 309.360 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

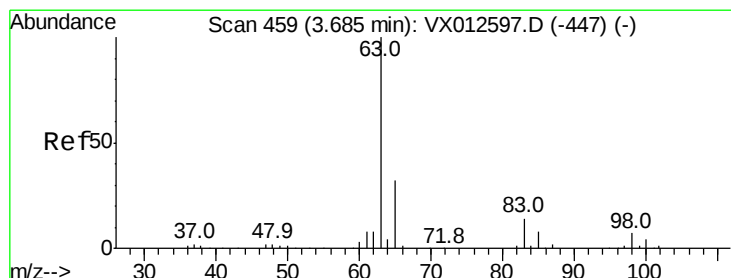
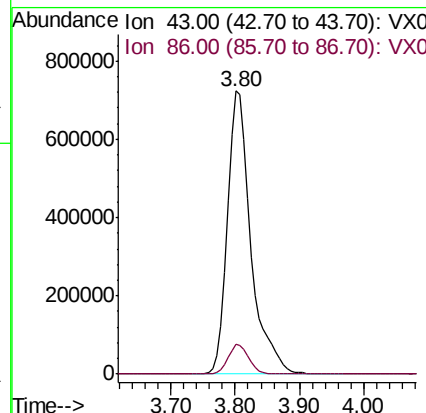
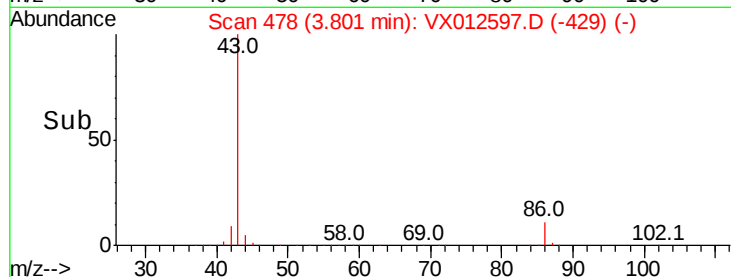
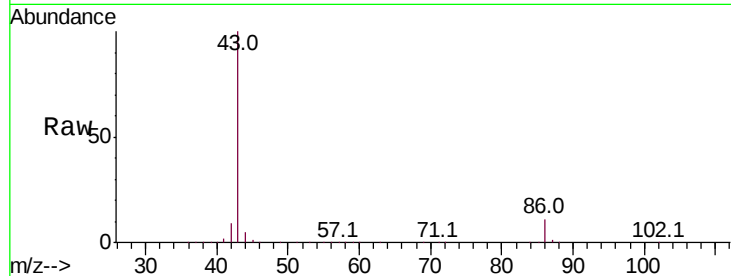
VSTDICCC050

Tot Ion: 43 Resp: 1860328

Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6



#24

1,1-Dichloroethane

Concen: 63.599 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

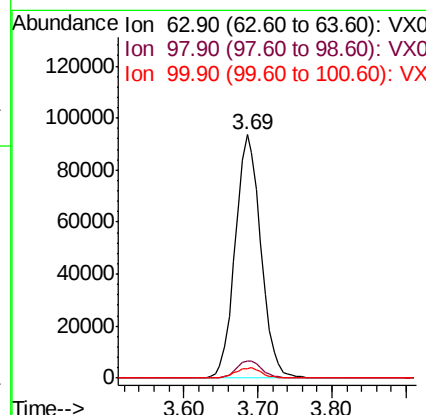
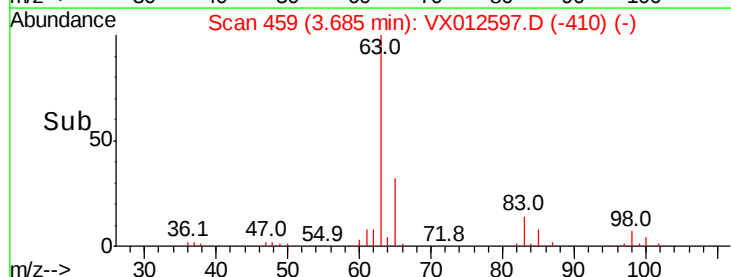
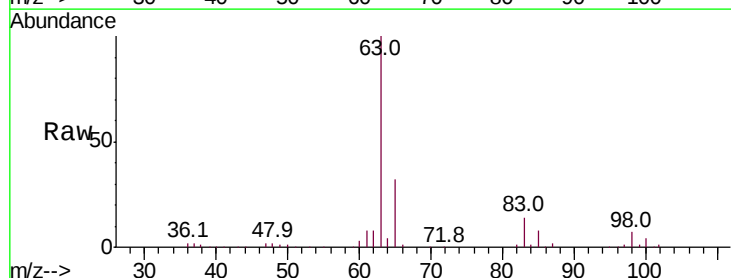
Tgt Ion: 63 Resp: 225330

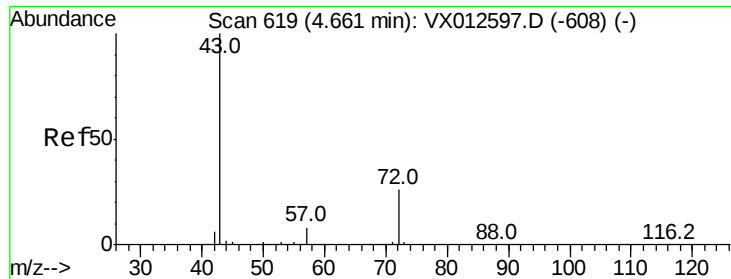
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 270.236 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

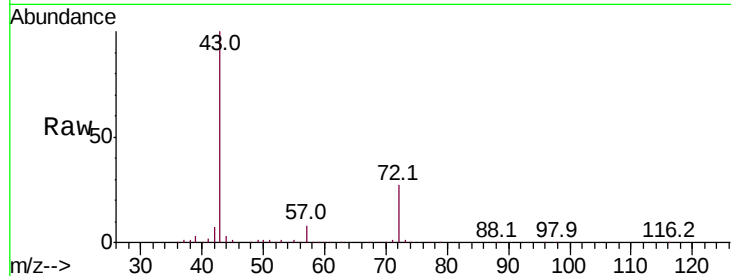
VSTDICCC050

Tot Ion: 43 Resp: 561708

Ion Ratio Lower Upper

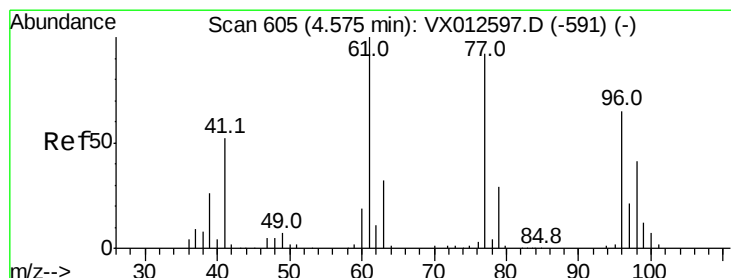
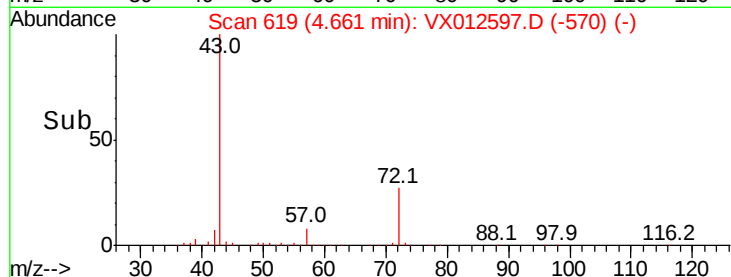
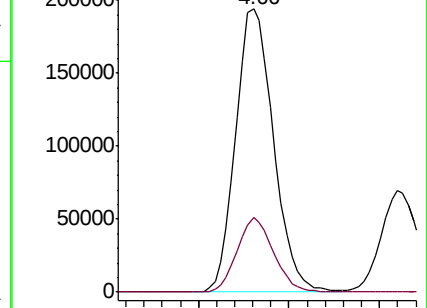
43 100

72 26.5 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 58.181 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX012597.D

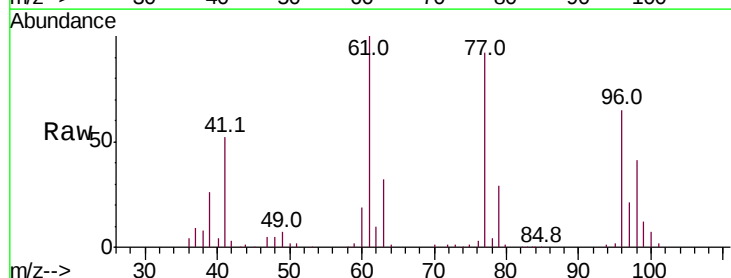
Acq: 23 Sep 2019 11:19

Tgt Ion: 77 Resp: 199044

Ion Ratio Lower Upper

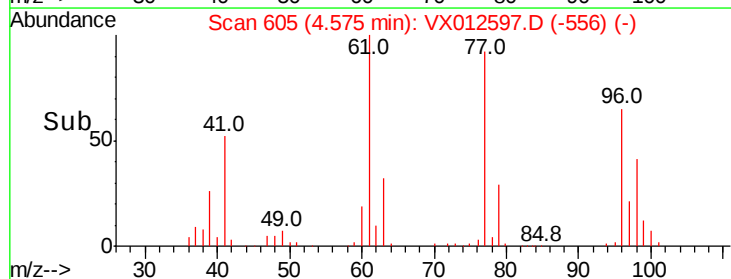
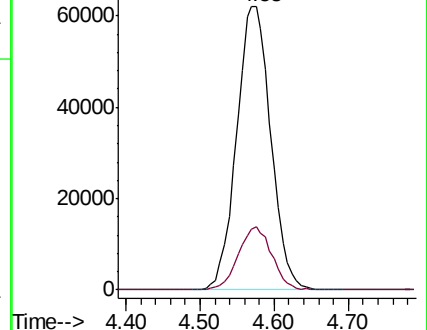
77 100

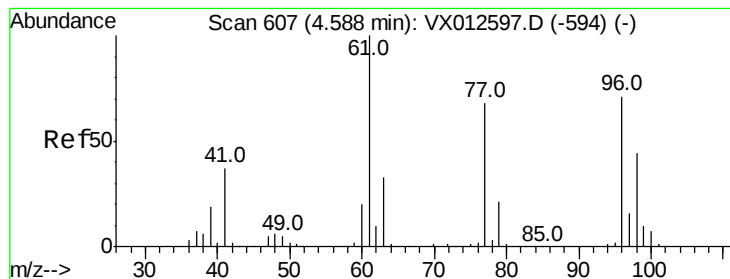
97 21.9 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



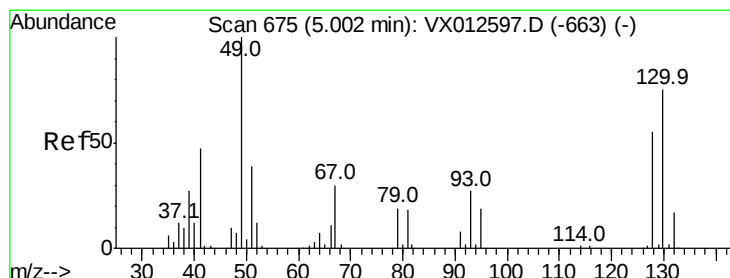
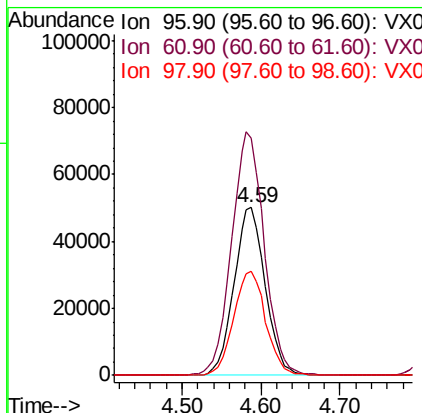
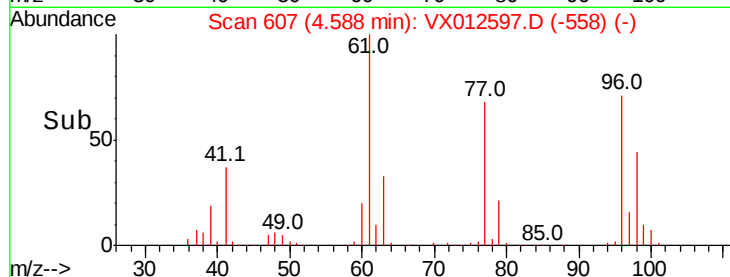
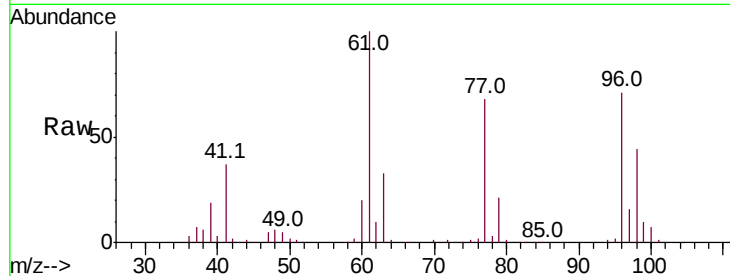


#27

cis-1,2-Dichloroethene
Concen: 64.790 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

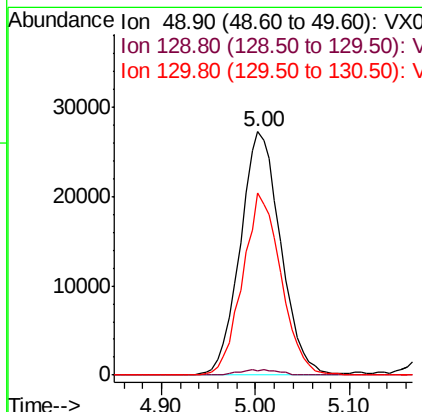
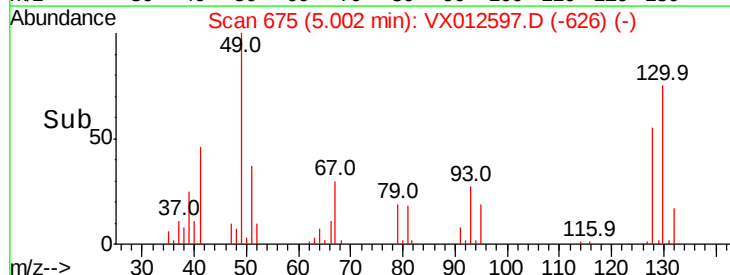
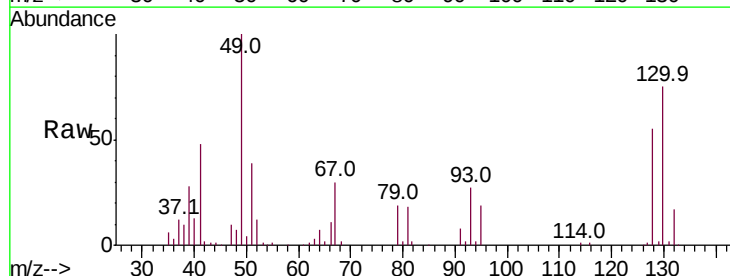
Tot Ion: 96 Resp: 137844
Ion Ratio Lower Upper
96 100
61 151.9 0.0 303.8
98 63.8 0.0 127.6

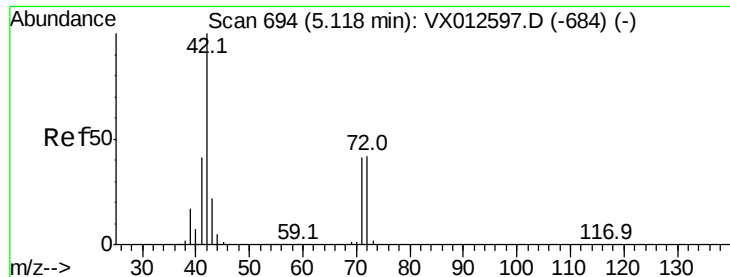


#28

Bromochloromethane
Concen: 47.163 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 49 Resp: 82036
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 71.3 57.0 85.6





#29

Tetrahydrofuran

Concen: 298.361 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

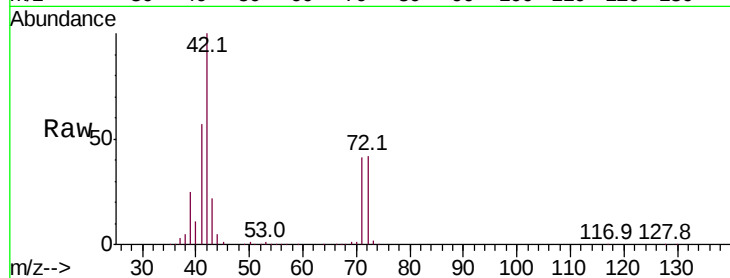
Tot Ion: 42 Resp: 346818

Ion Ratio Lower Upper

42 100

72 43.2 34.6 51.8

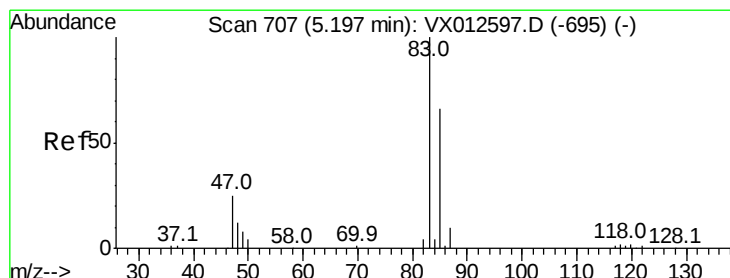
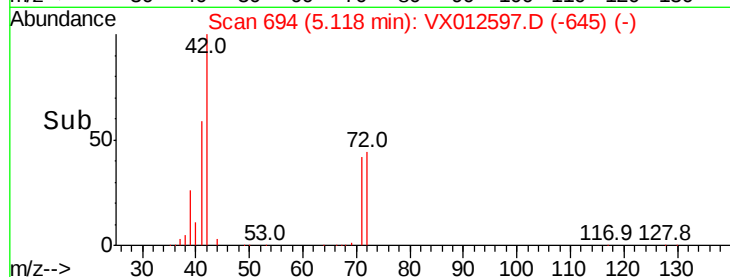
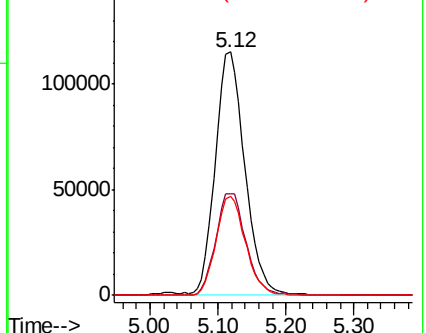
71 40.7 32.6 48.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 56.019 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX012597.D

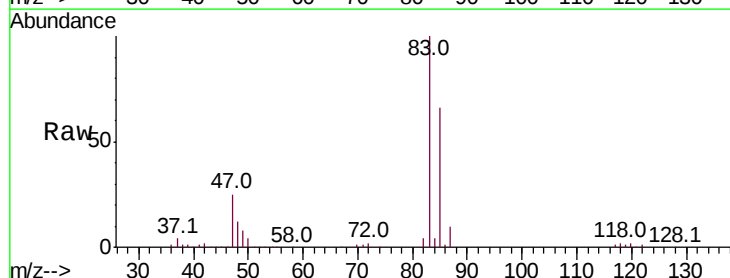
Acq: 23 Sep 2019 11:19

Tgt Ion: 83 Resp: 223000

Ion Ratio Lower Upper

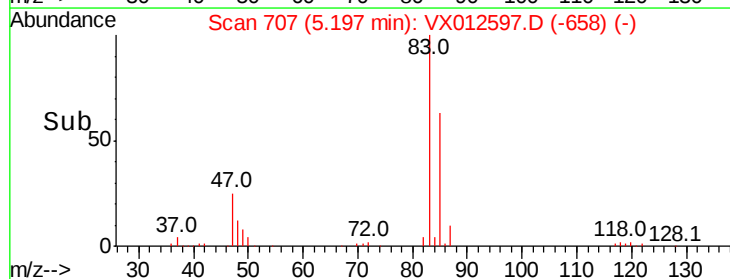
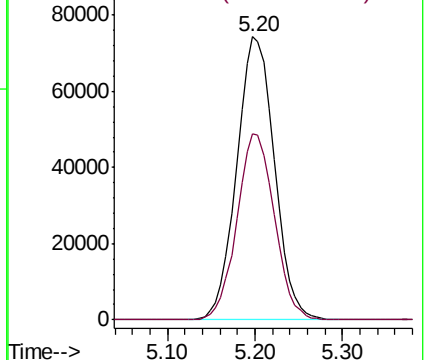
83 100

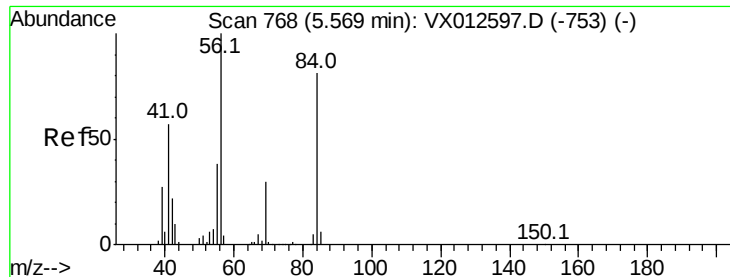
85 65.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

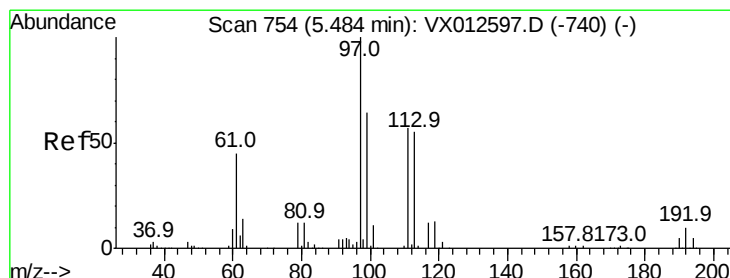
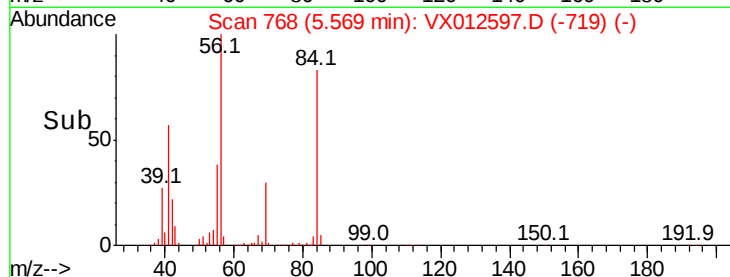
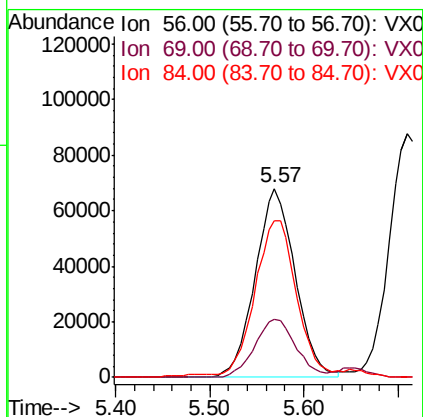
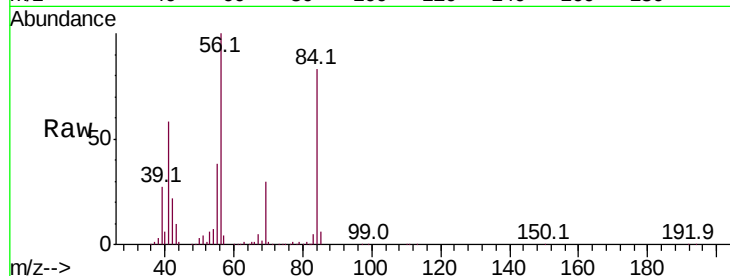




#31
Cyclohexane
Concen: 83.627 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

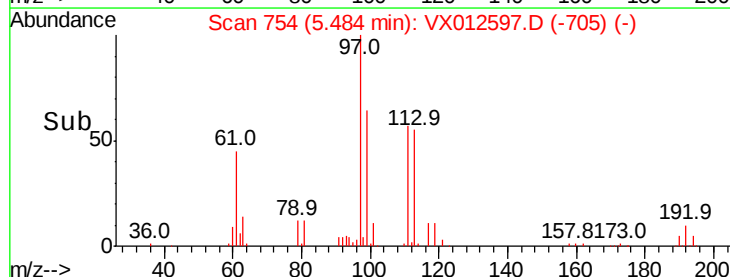
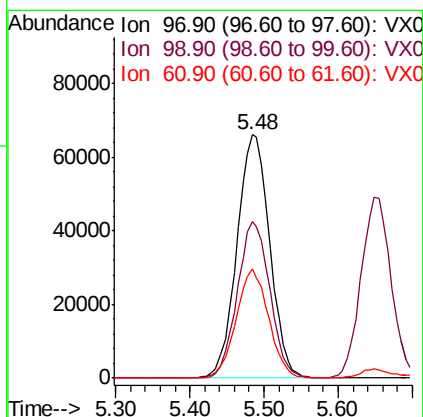
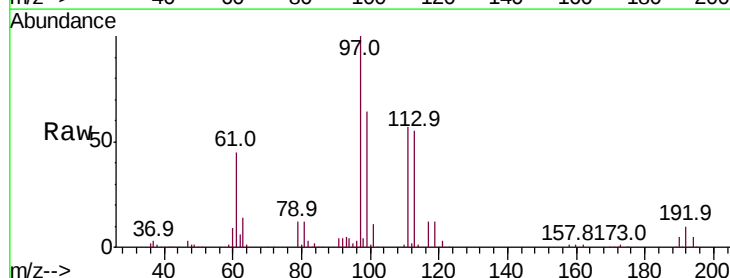
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

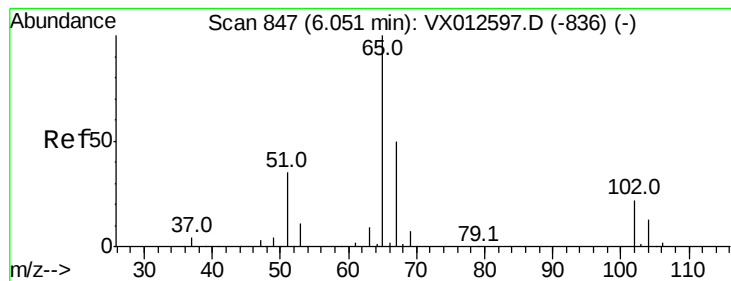
Tot Ion: 56 Resp: 201916
Ion Ratio Lower Upper
56 100
69 30.4 24.3 36.5
84 81.3 65.0 97.6



#32
1,1,1-Trichloroethane
Concen: 60.661 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 97 Resp: 204048
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 44.4 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 48.239 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

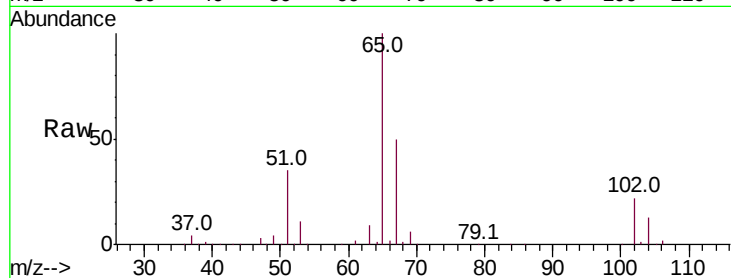
VSTDICCC050

Tot Ion: 65 Resp: 144419

Ion Ratio Lower Upper

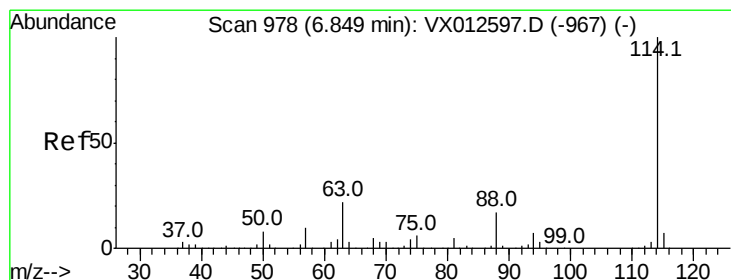
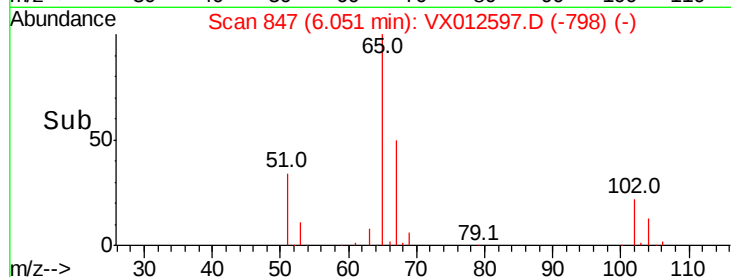
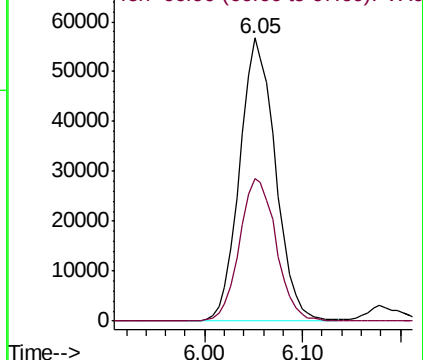
65 100

67 51.5 0.0 103.0



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

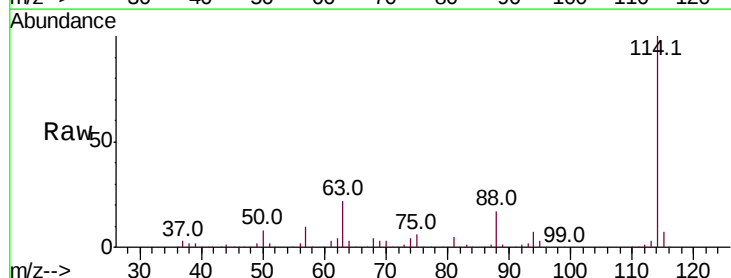
Tgt Ion: 114 Resp: 371126

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.4

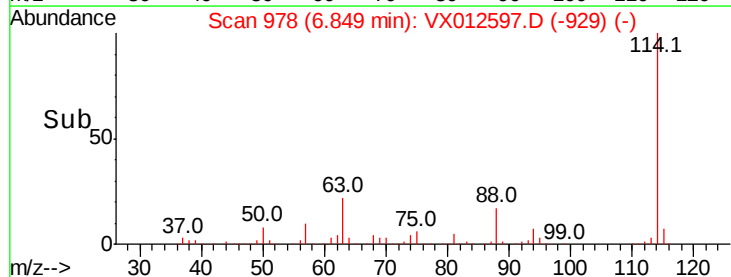
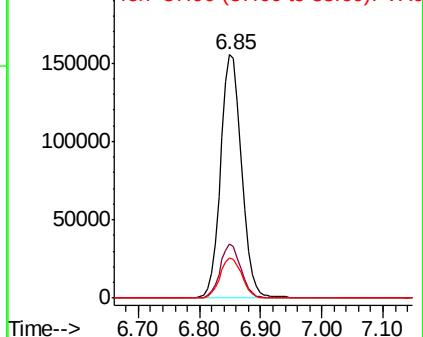
88 16.6 0.0 33.2

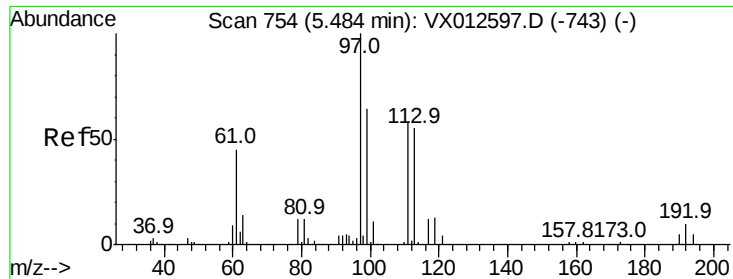


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.332 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

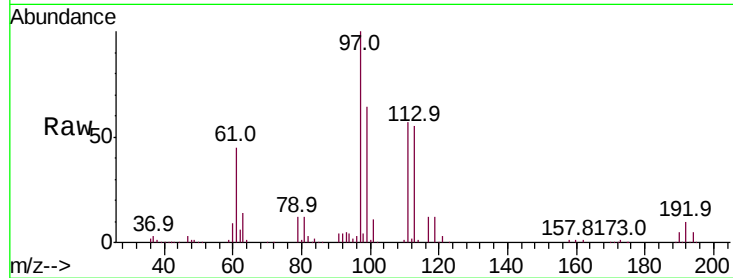
Tot Ion:113 Resp: 106677

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

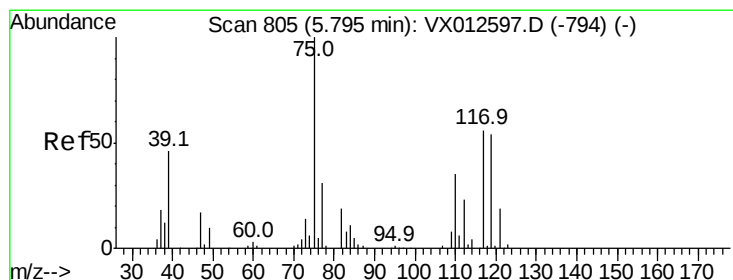
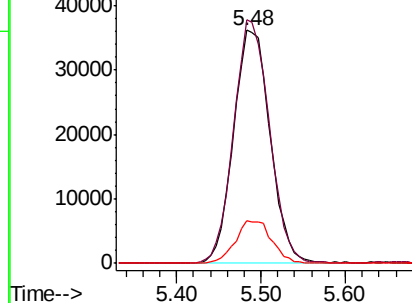
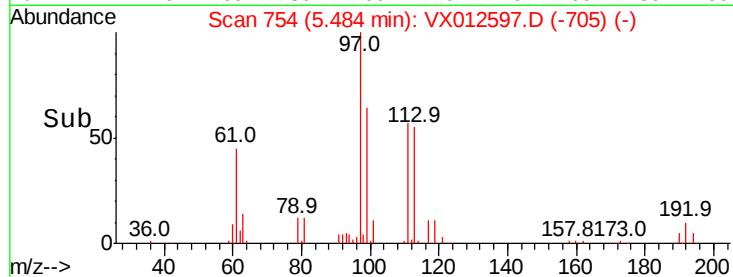
192 18.1 14.5 21.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 68.845 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

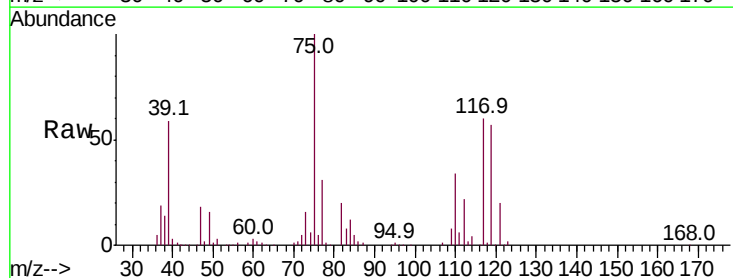
Tgt Ion: 75 Resp: 166079

Ion Ratio Lower Upper

75 100

110 35.2 17.6 52.8

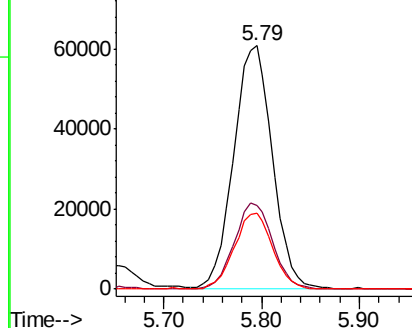
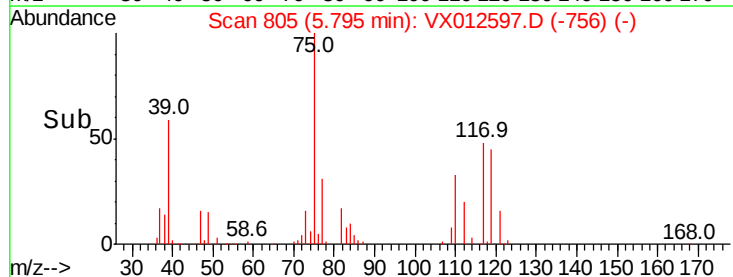
77 31.4 25.1 37.7

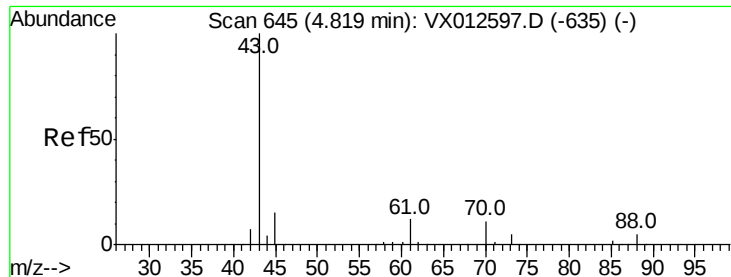


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 58.331 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

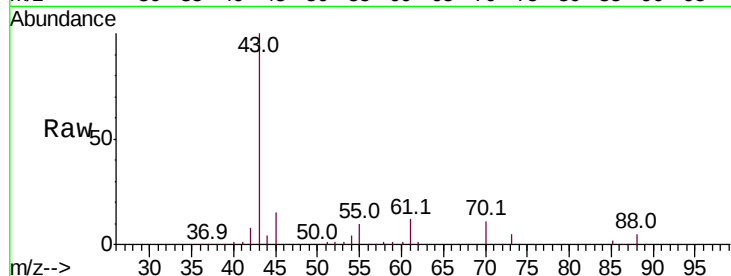
Tot Ion: 43 Resp: 204212

Ion Ratio Lower Upper

43 100

61 13.5 10.8 16.2

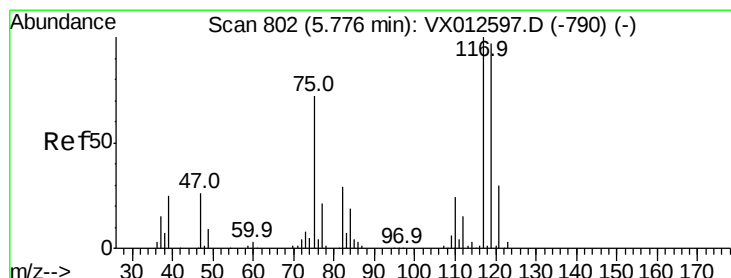
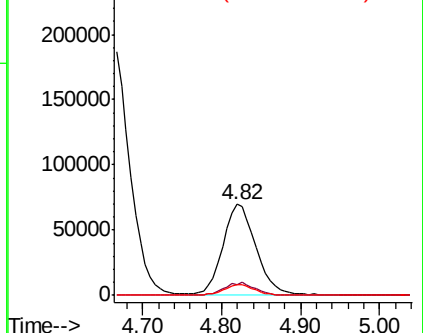
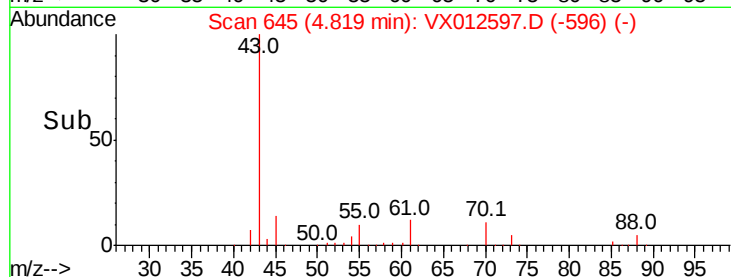
70 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 60.578 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

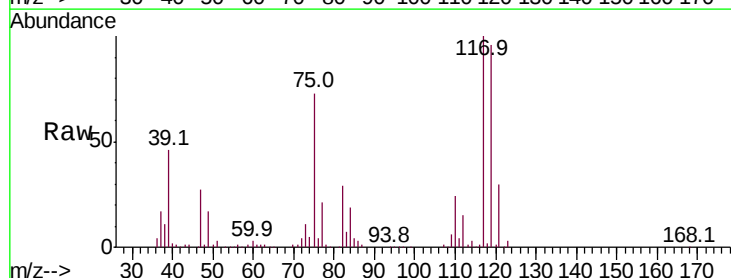
Tgt Ion: 117 Resp: 175422

Ion Ratio Lower Upper

117 100

119 96.4 77.1 115.7

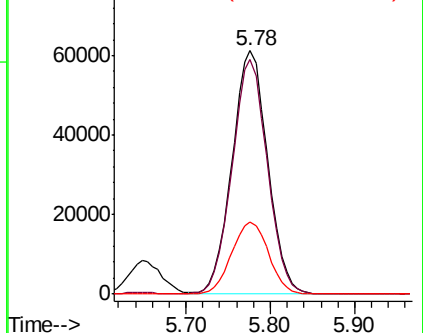
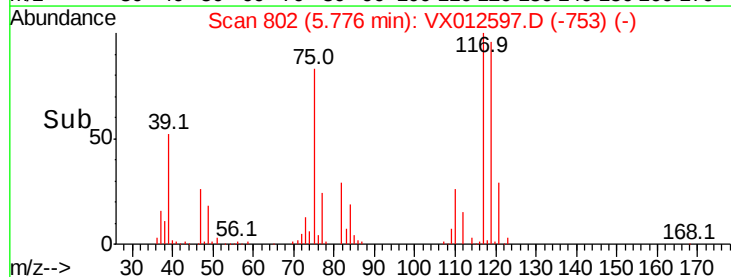
121 29.6 23.7 35.5

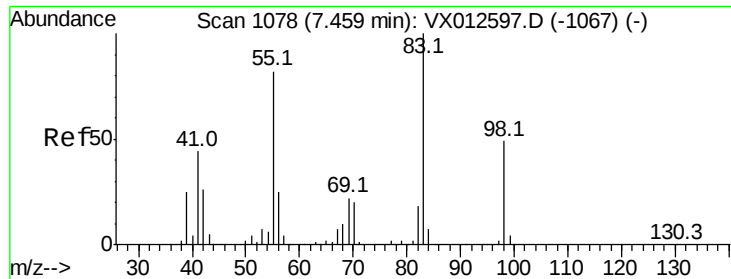


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

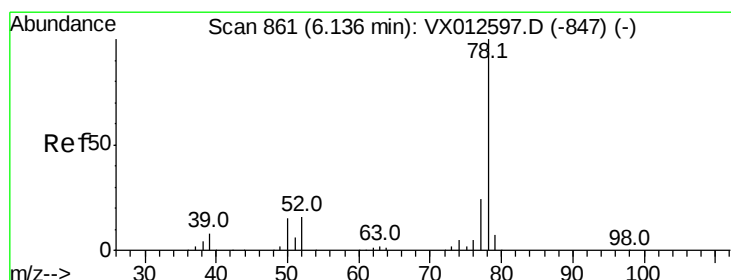
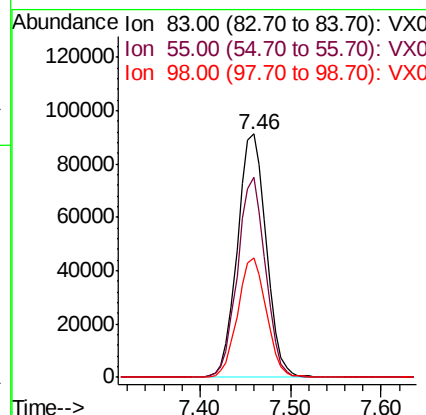
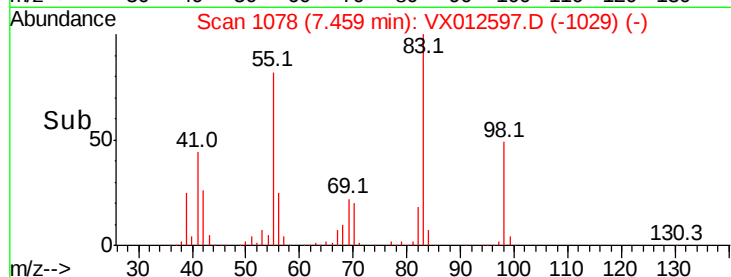
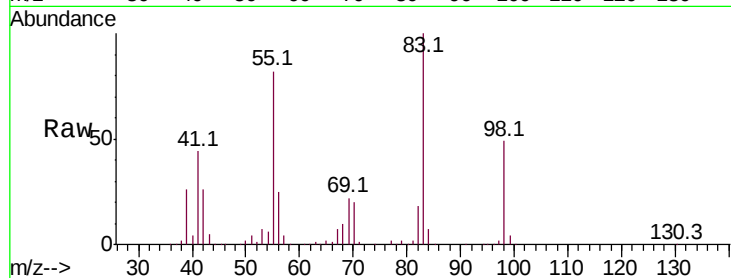




#39
Methvlcvclohexane
Concen: 81.964 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

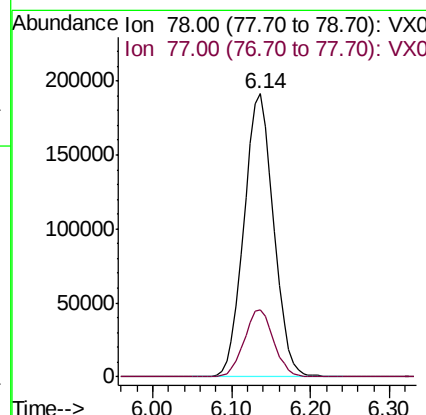
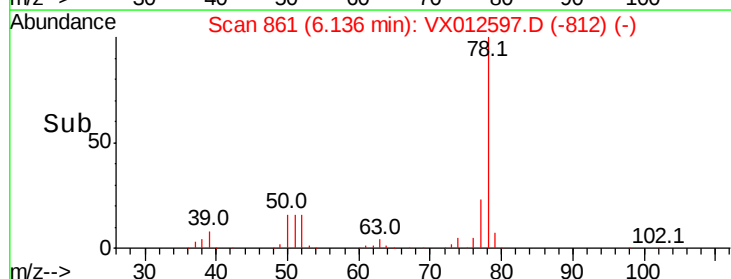
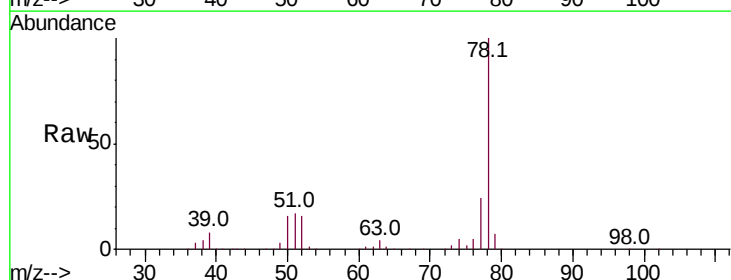
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

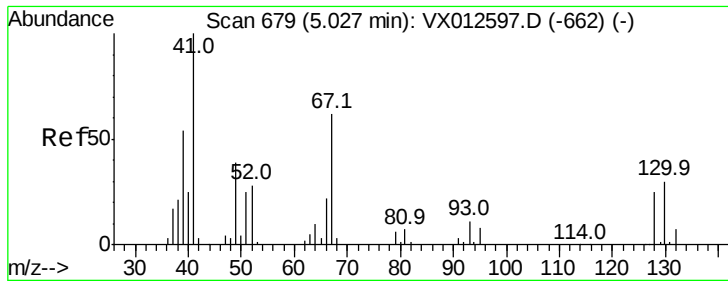
Tot Ion: 83 Resp: 201395
Ion Ratio Lower Upper
83 100
55 82.0 65.6 98.4
98 49.2 39.4 59.0



#40
Benzene
Concen: 66.034 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 78 Resp: 500943
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

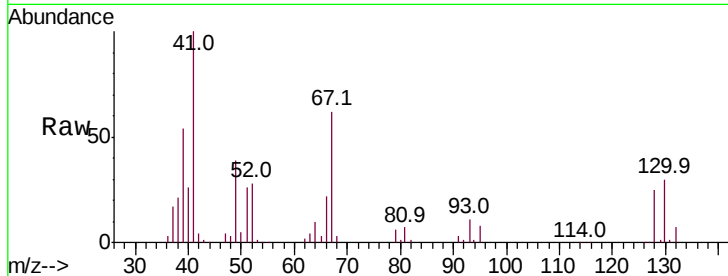




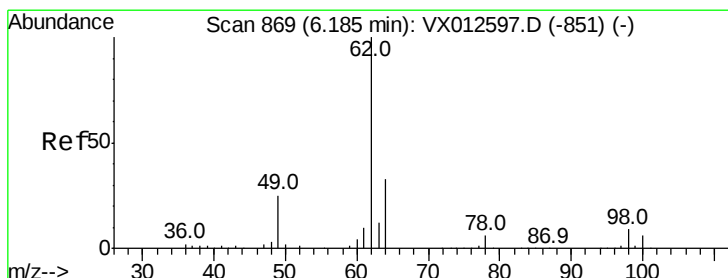
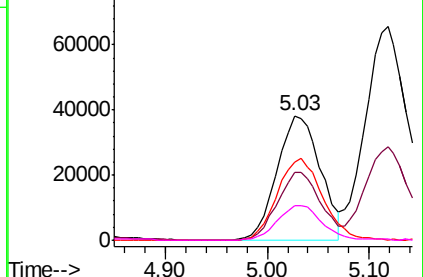
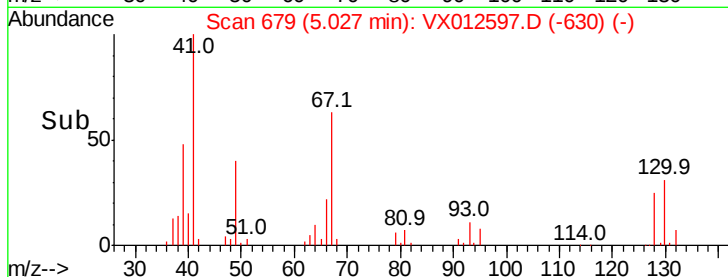
#41
Methacrylonitrile
Concen: 50.632 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	112523
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.2	66.4
67	69.0	55.2	82.8
52	28.6	22.9	34.3

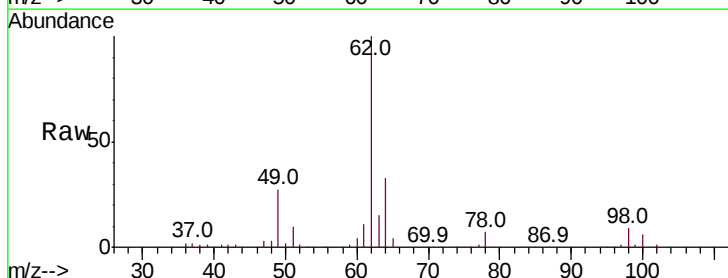


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

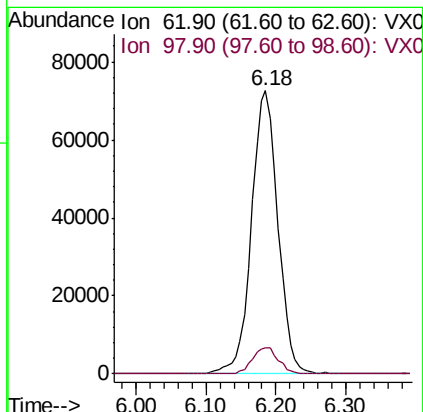
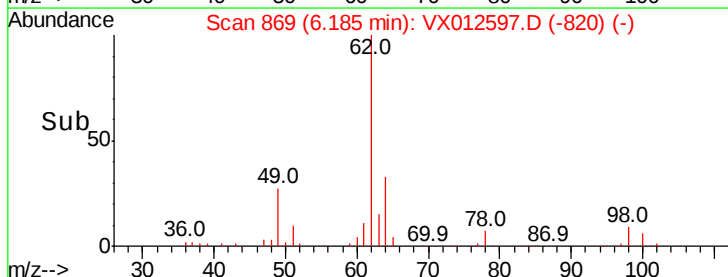


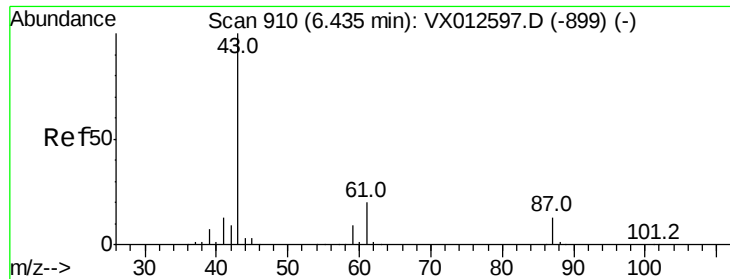
#42
1,2-Dichloroethane
Concen: 56.217 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:	62	Resp:	190693
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 53.596 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

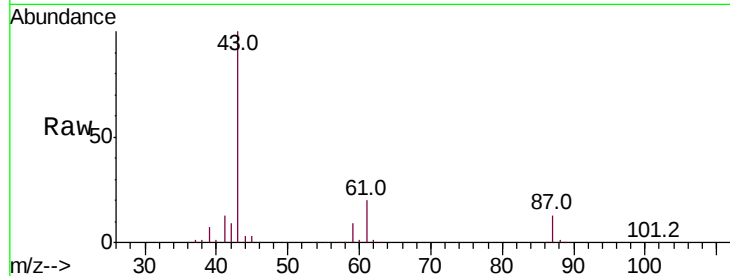
MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 333637

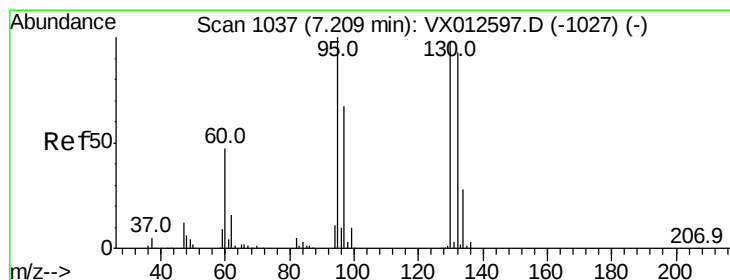
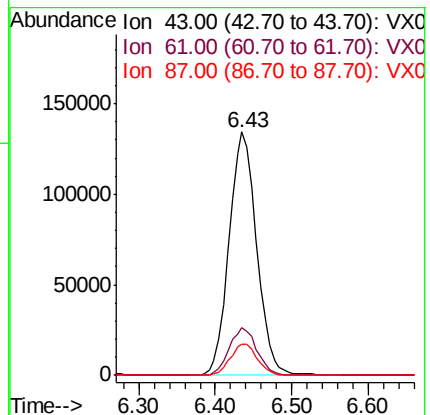
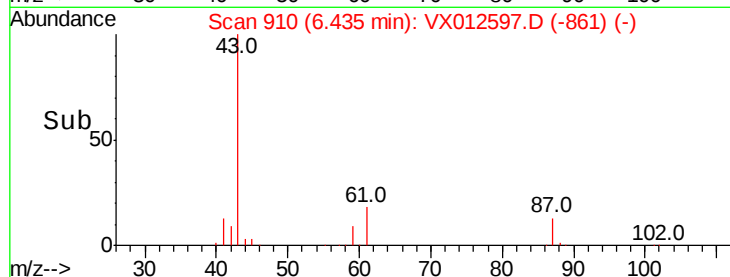
Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.8	23.8
87	12.8	10.2	15.4



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: 64.083 ug/l

RT: 7.21 min Scan# 1037

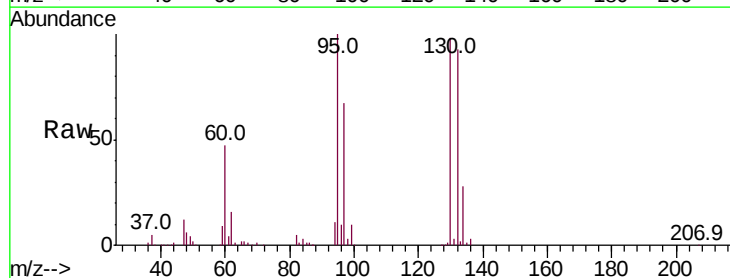
Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

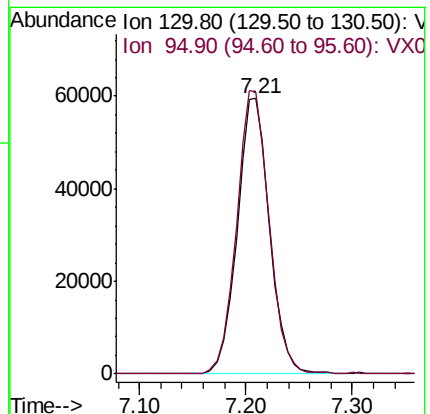
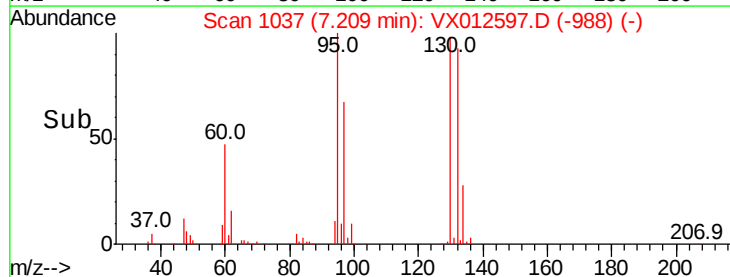
Tgt Ion: 130 Resp: 126372

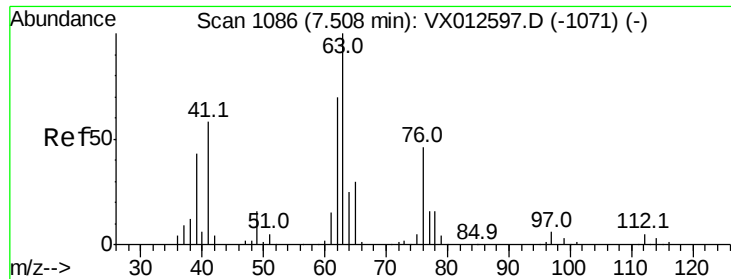
Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	204.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 56.816 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

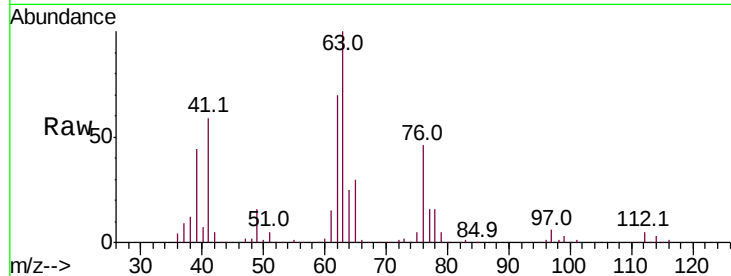
VSTDICCC050

Tot Ion: 63 Resp: 127992

Ion Ratio Lower Upper

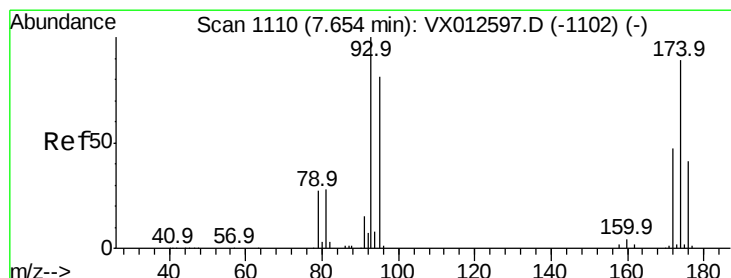
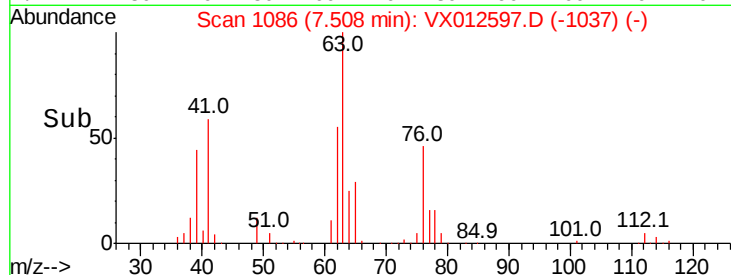
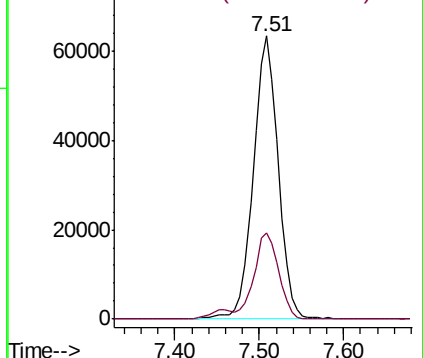
63 100

65 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 59.001 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

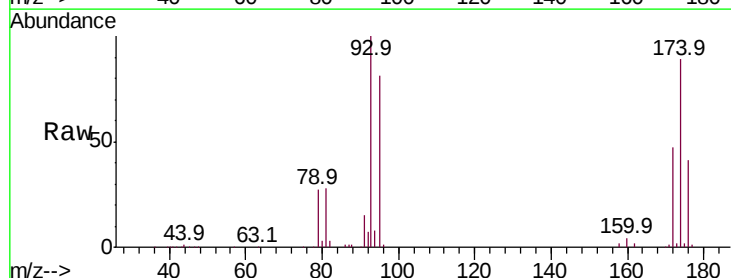
Tgt Ion: 93 Resp: 86606

Ion Ratio Lower Upper

93 100

95 81.7 65.4 98.0

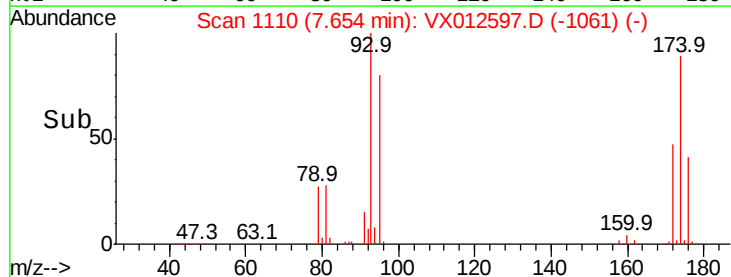
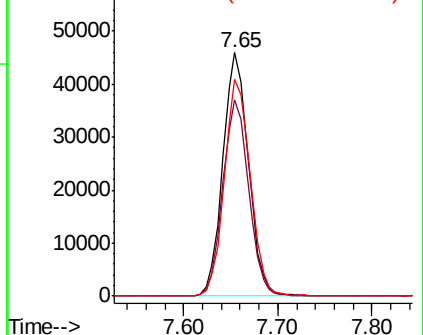
174 90.0 72.0 108.0

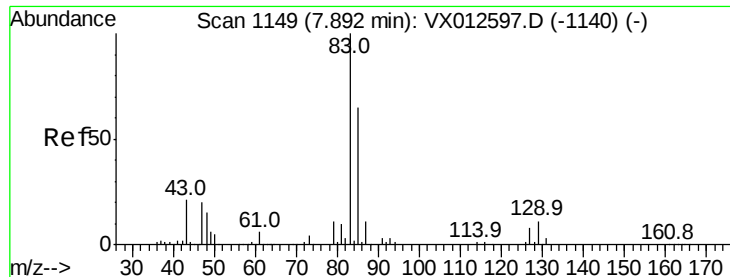


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.615 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

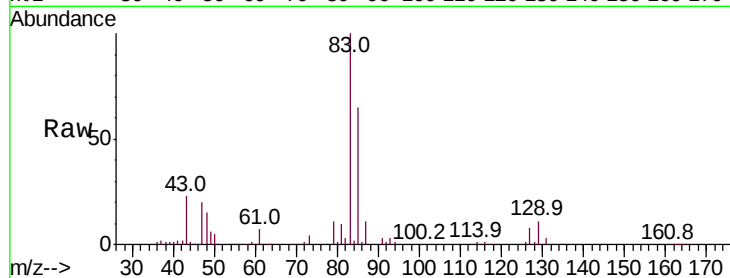
Tot Ion: 83 Resp: 178214

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

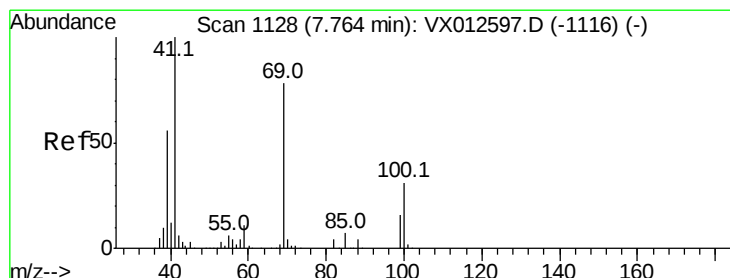
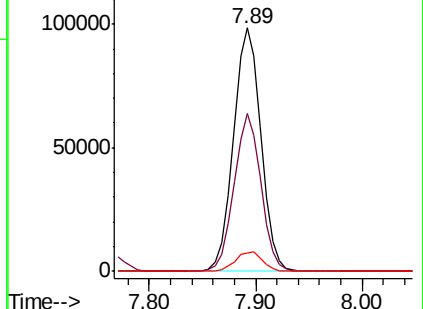
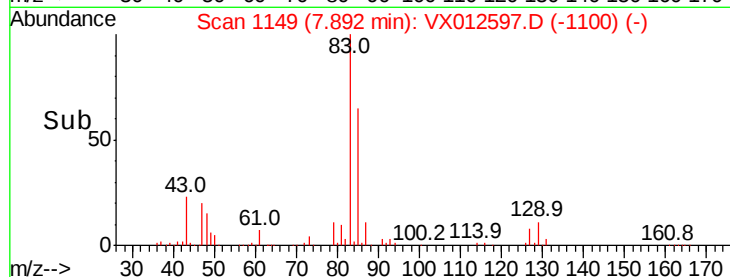
127 7.8 6.2 9.4



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: 55.489 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

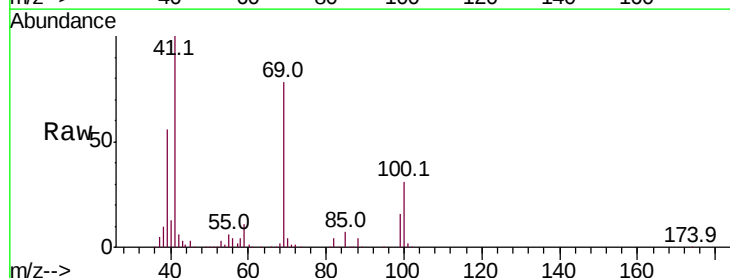
Tgt Ion: 41 Resp: 163830

Ion Ratio Lower Upper

41 100

69 78.2 62.6 93.8

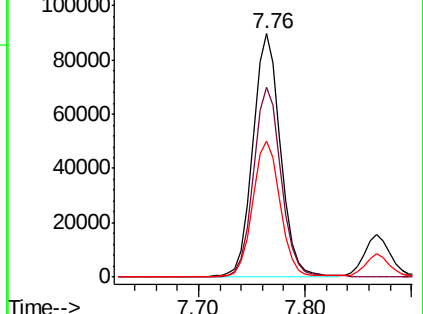
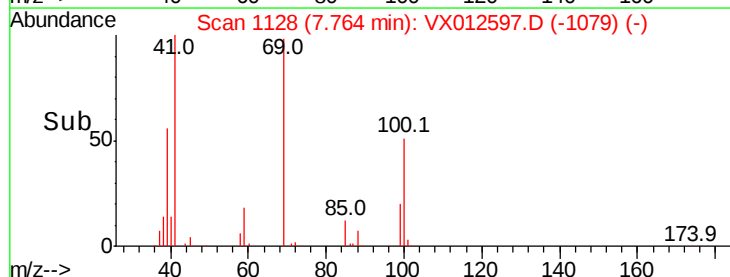
39 55.5 44.4 66.6

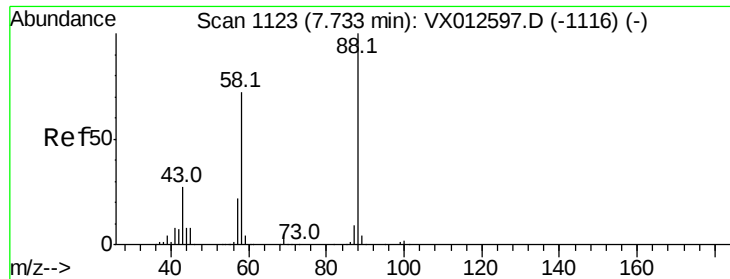


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

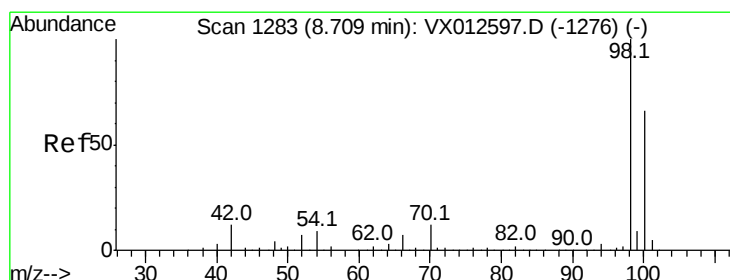
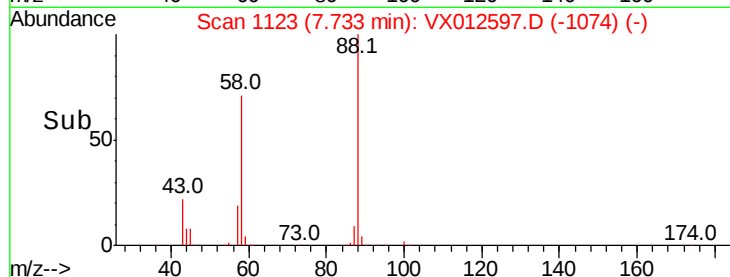
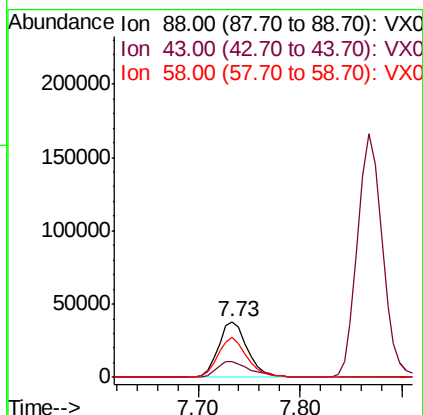
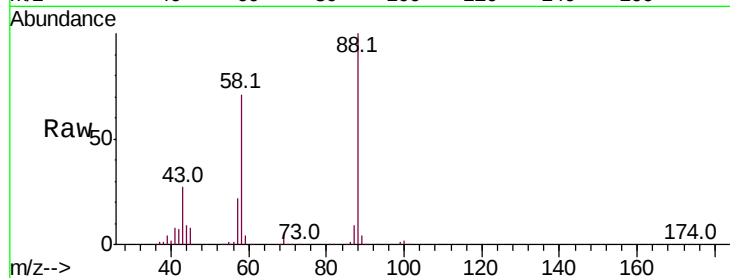




#49
1,4-Dioxane
Concen: 1055.111 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

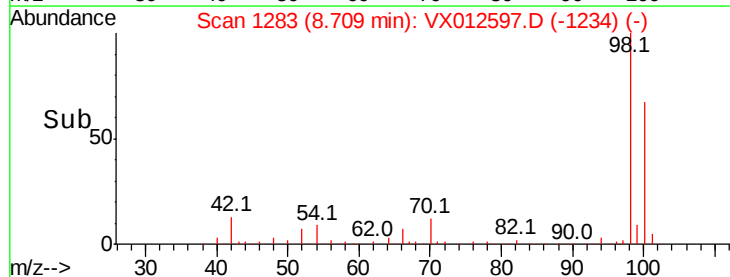
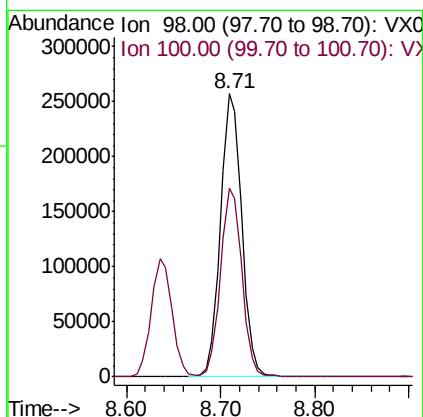
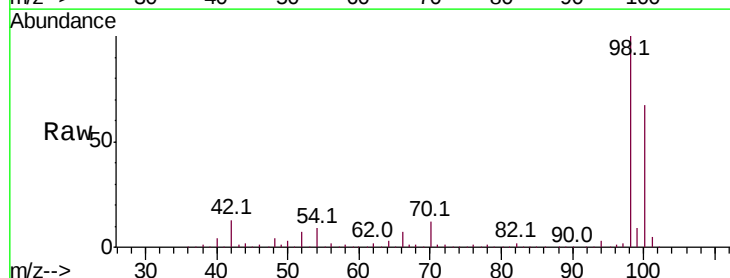
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

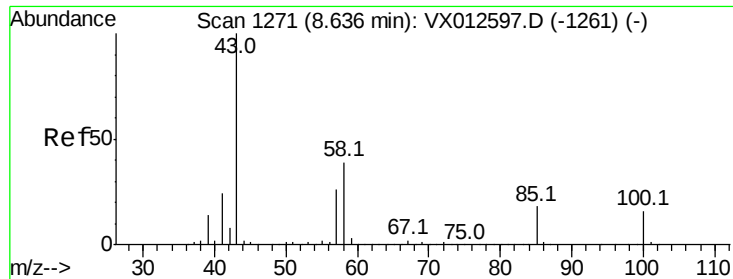
Tot Ion: 88 Resp: 75571
Ion Ratio Lower Upper
88 100
43 34.5 27.6 41.4
58 71.4 57.1 85.7



#50
Toluene-d8
Concen: 48.233 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 98 Resp: 404598
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 257.143 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

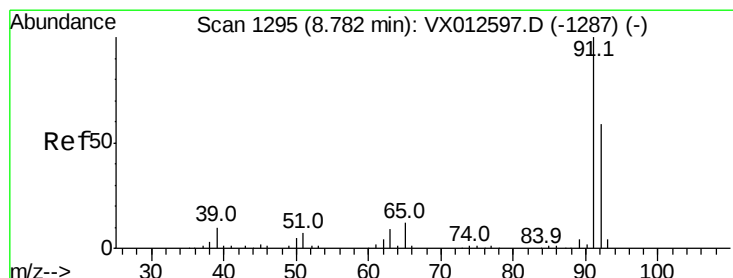
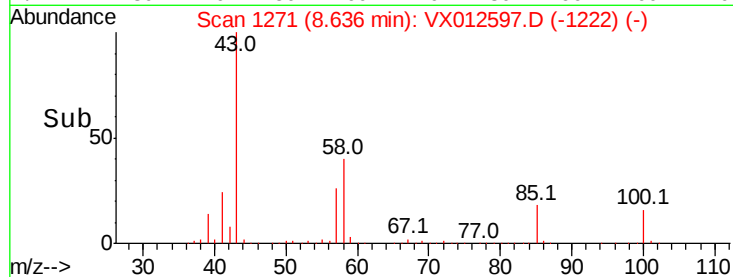
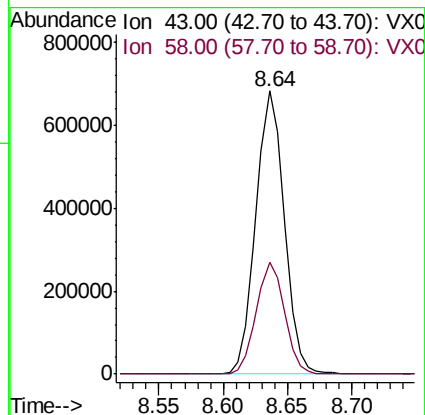
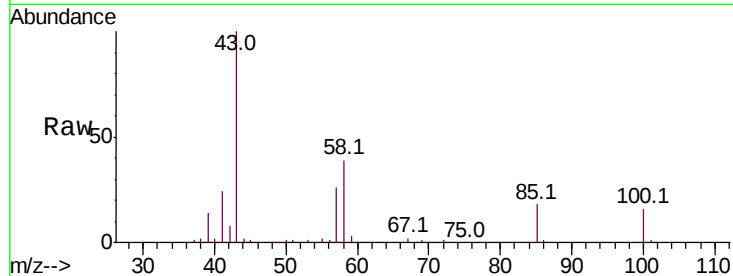
VSTDICCC050

Tot Ion: 43 Resp: 1040435

Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.0



#52

Toluene

Concen: 65.132 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012597.D

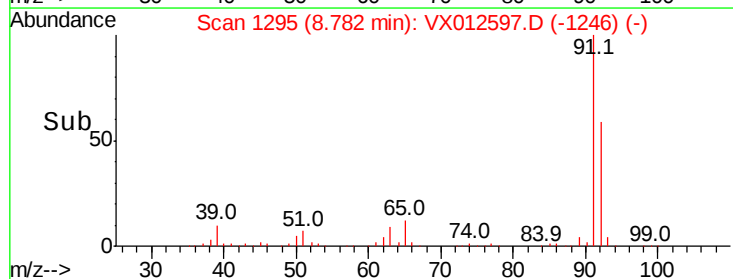
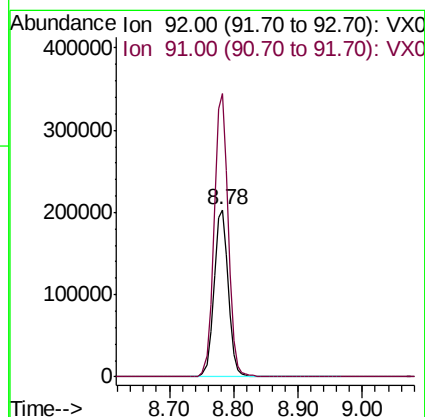
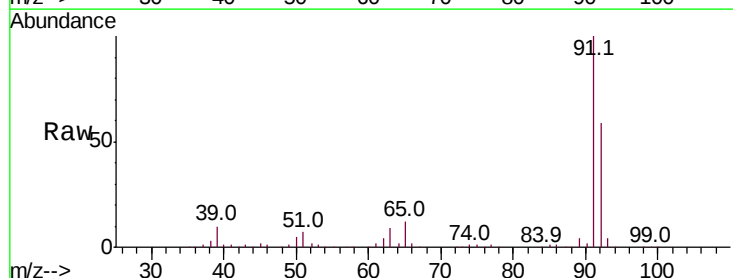
Acq: 23 Sep 2019 11:19

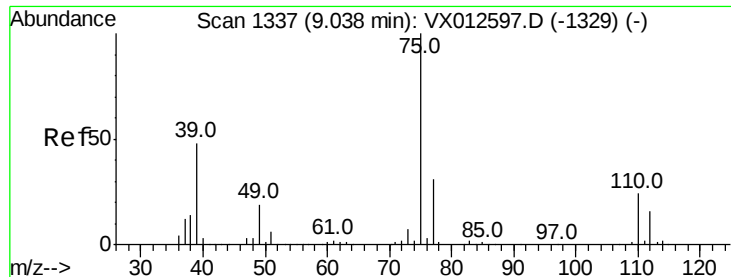
Tgt Ion: 92 Resp: 316354

Ion Ratio Lower Upper

92 100

91 167.8 134.2 201.4

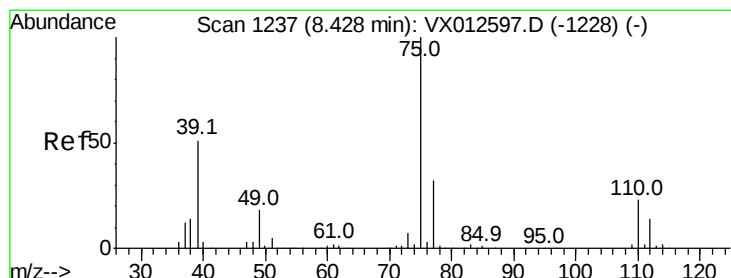
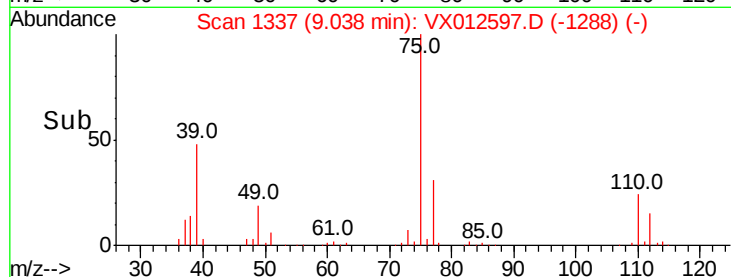
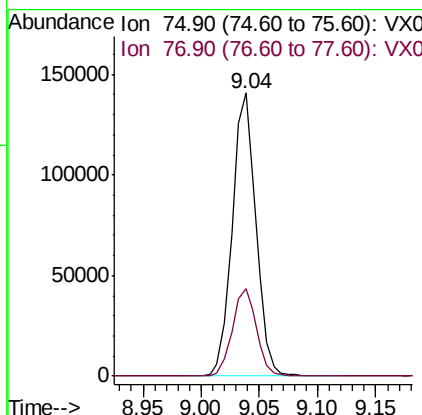
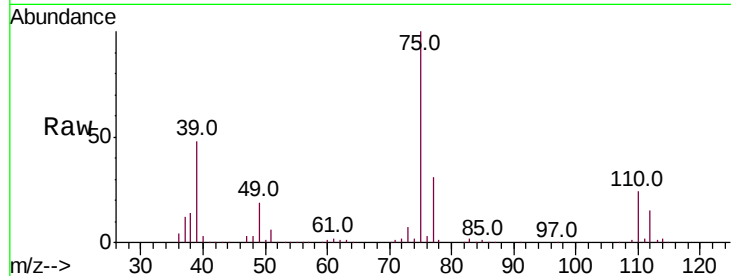




#53
t-1,3-Dichloropropene
Concen: 59.292 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

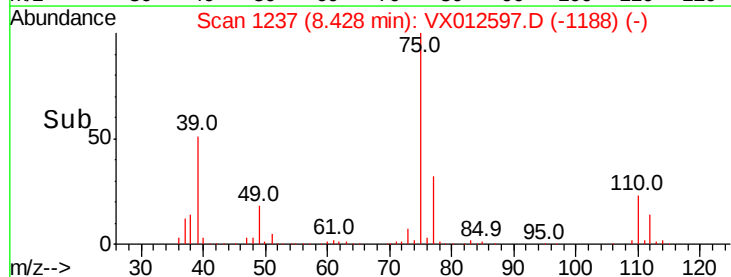
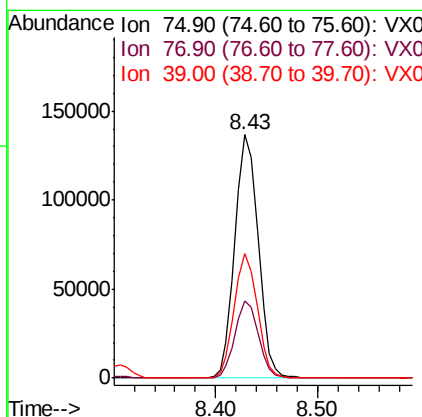
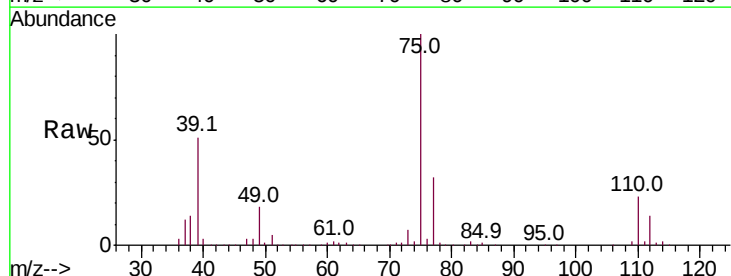
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

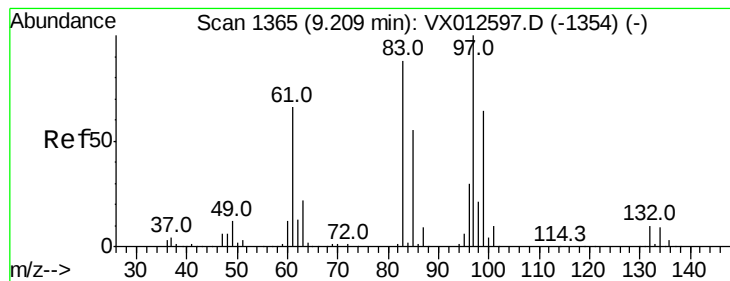
Tot Ion: 75 Resp: 199495
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 61.618 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 75 Resp: 216689
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 50.9 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 52.583 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 125822

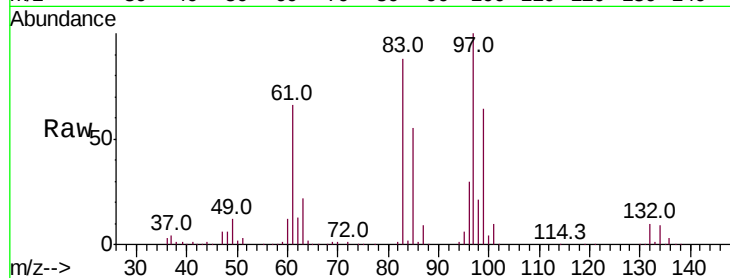
Ion Ratio Lower Upper

97 100

83 88.1 70.5 105.7

85 54.9 43.9 65.9

99 64.0 51.2 76.8

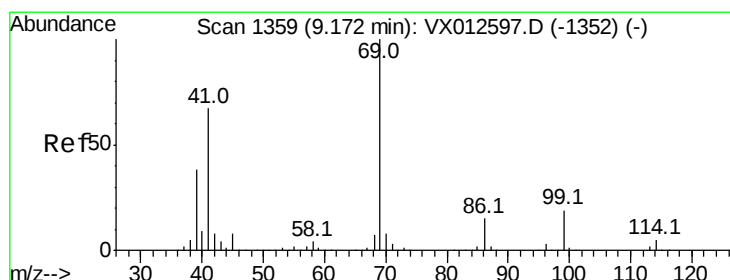
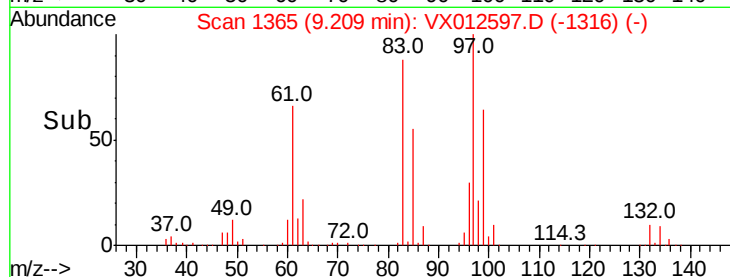
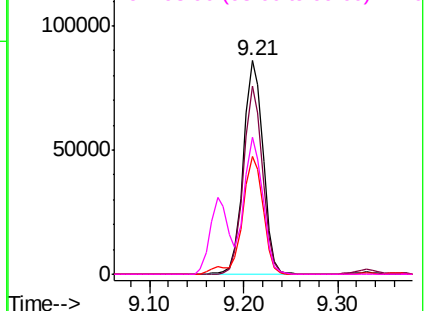


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 57.314 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

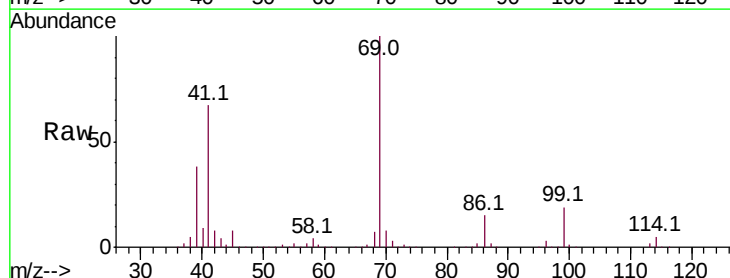
Tgt Ion: 69 Resp: 216890

Ion Ratio Lower Upper

69 100

41 68.4 54.7 82.1

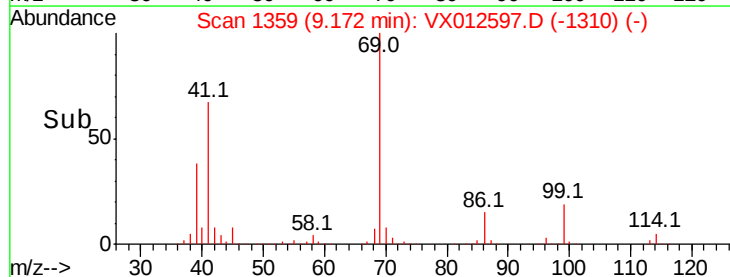
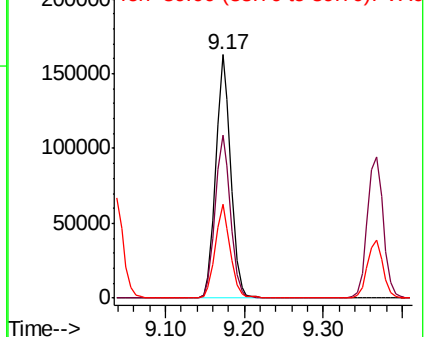
39 38.3 30.6 46.0

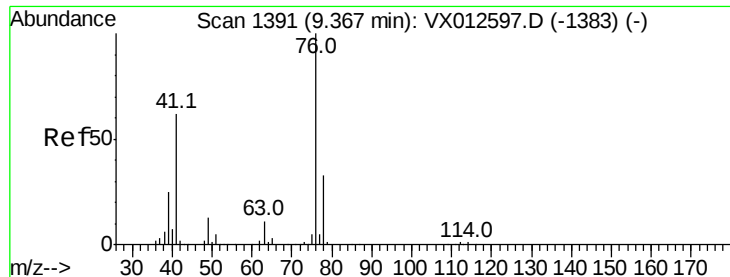


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 56.408 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

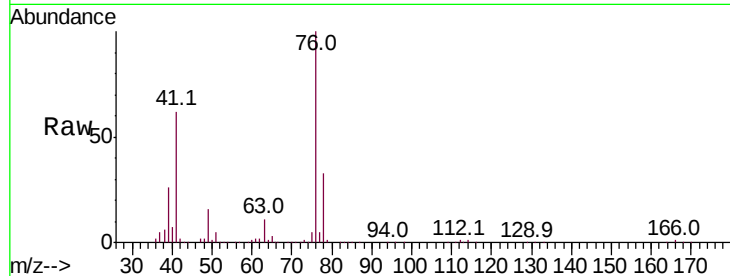
VSTDICCC050

Tot Ion: 76 Resp: 217777

Ion Ratio Lower Upper

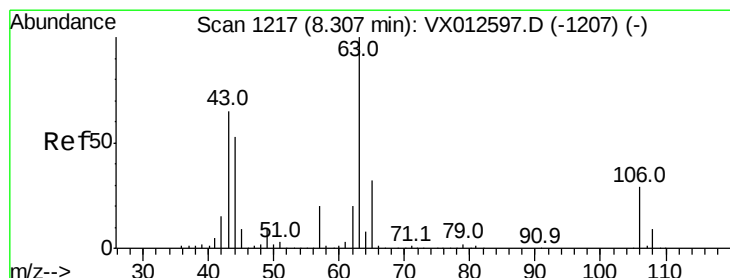
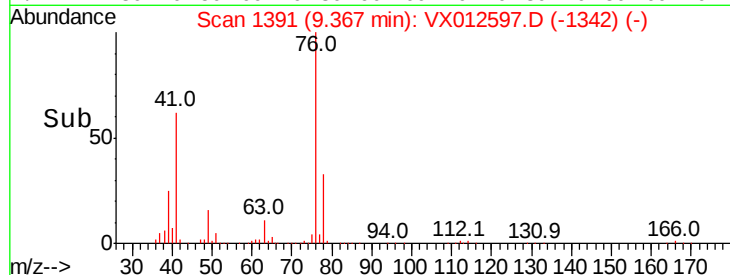
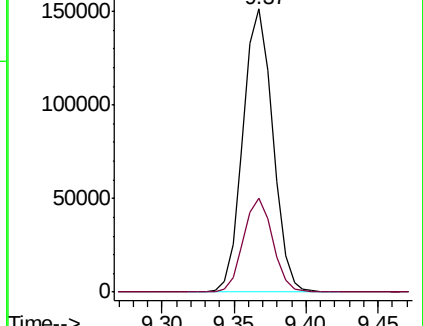
76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 263.563 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012597.D

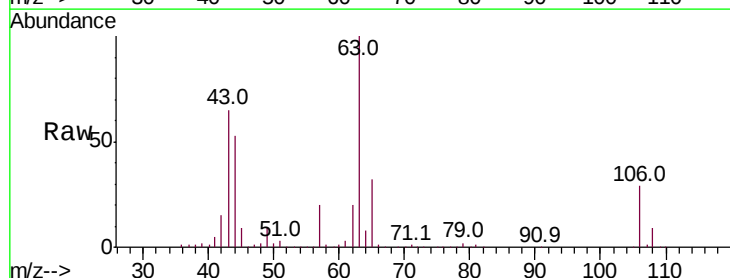
Acq: 23 Sep 2019 11:19

Tgt Ion: 63 Resp: 510260

Ion Ratio Lower Upper

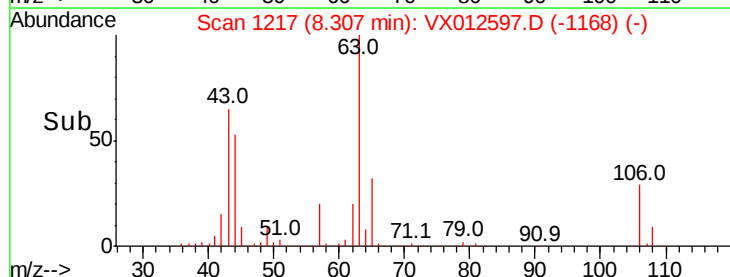
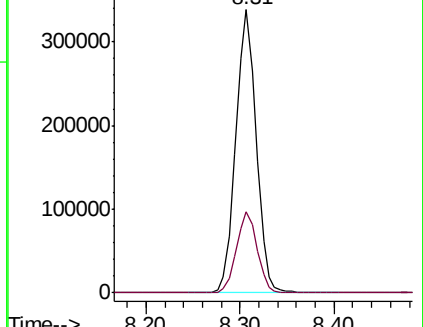
63 100

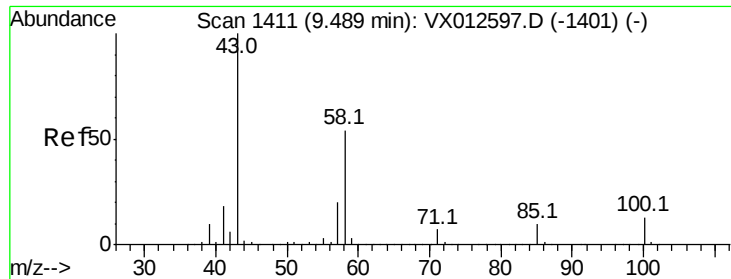
106 29.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

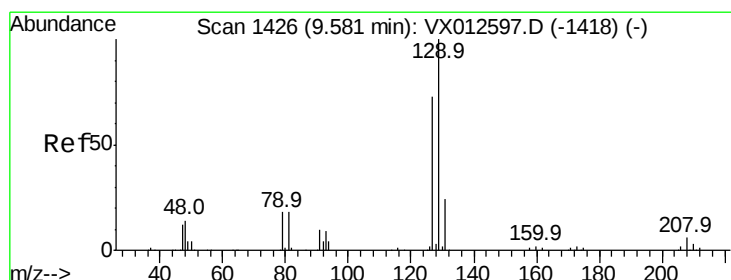
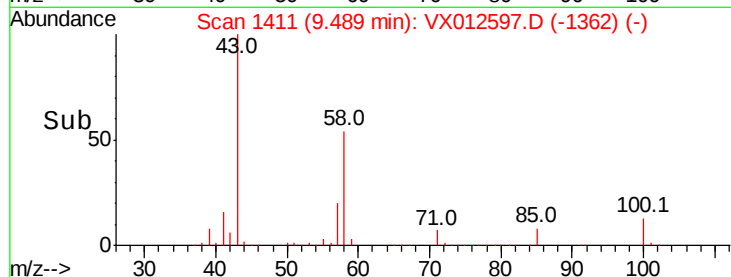
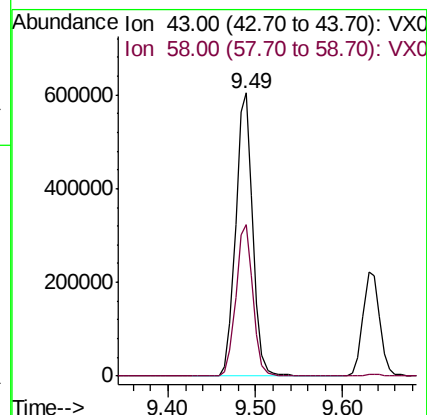
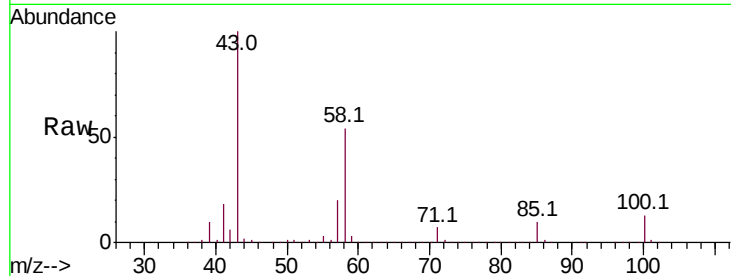




#59
2-Hexanone
Concen: 260.249 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

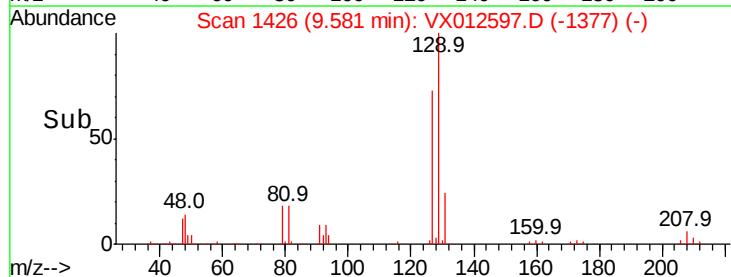
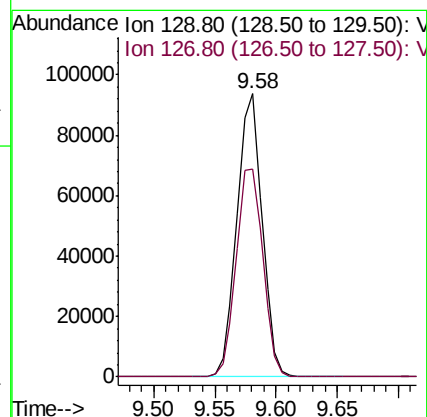
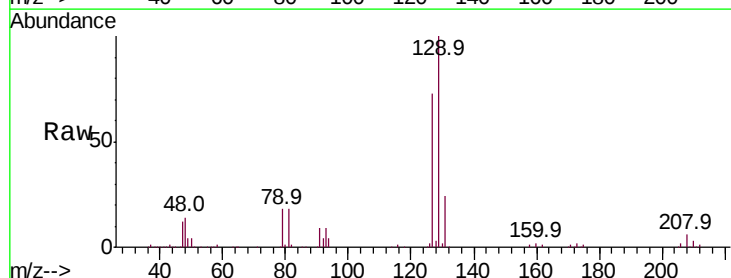
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

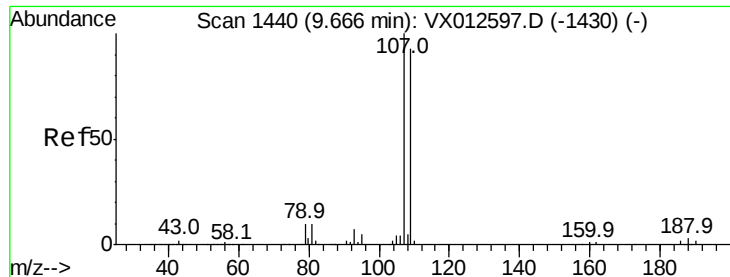
Tot Ion: 43 Resp: 822455
Ion Ratio Lower Upper
43 100
58 53.6 26.8 80.4



#60
Dibromochloromethane
Concen: 55.042 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 129 Resp: 133327
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 59.861 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

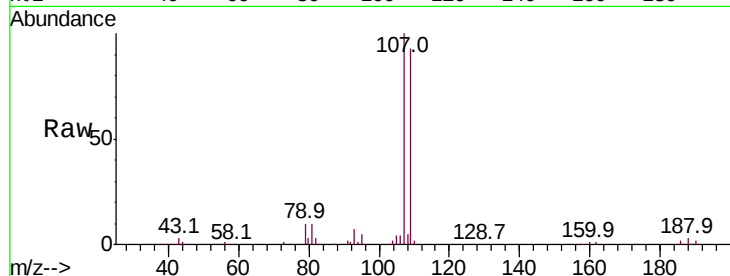
VSTDICCC050

Tot Ion:107 Resp: 133083

Ion Ratio Lower Upper

107 100

109 92.9 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

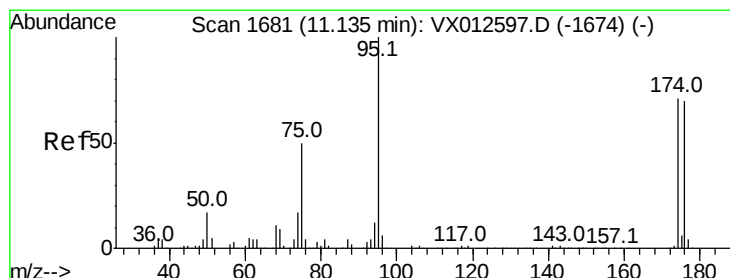
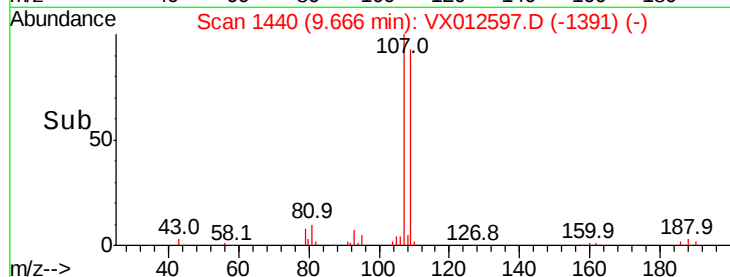
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 45.799 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

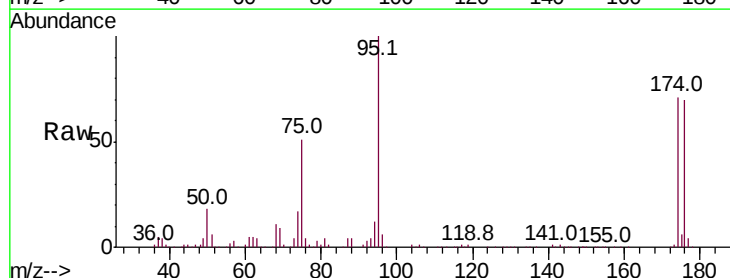
Tgt Ion: 95 Resp: 157841

Ion Ratio Lower Upper

95 100

174 67.3 0.0 134.6

176 66.1 0.0 132.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

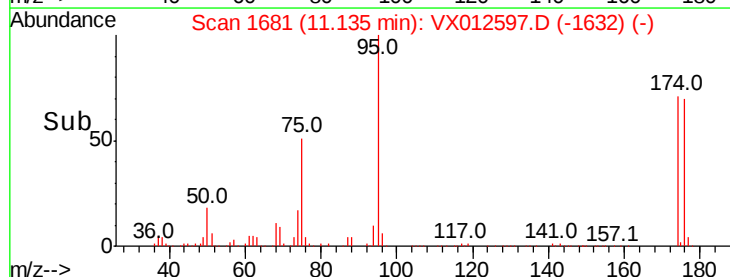
150000

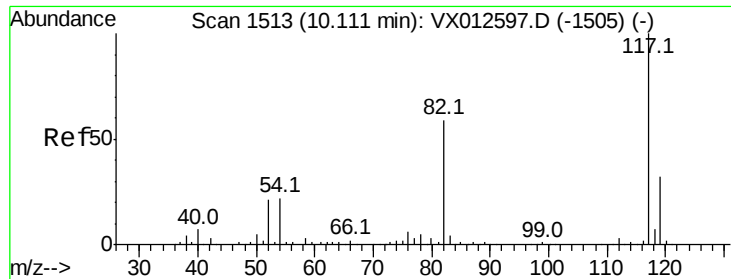
100000

50000

0

Time--> 11.10 11.20

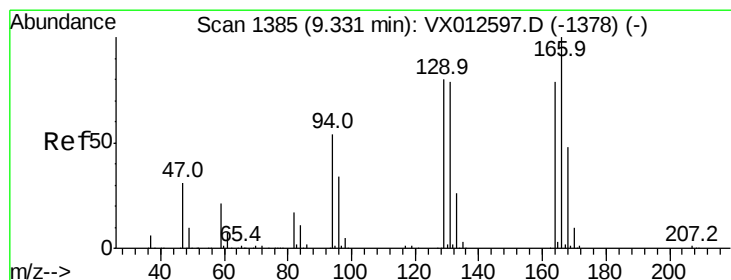
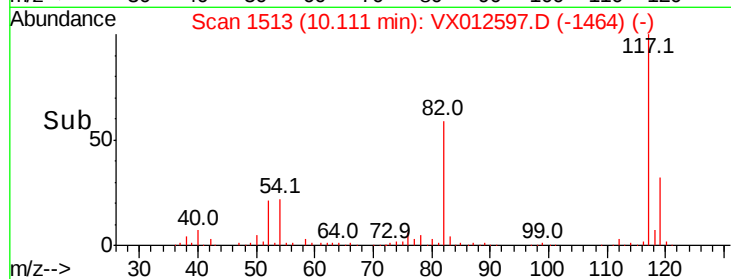
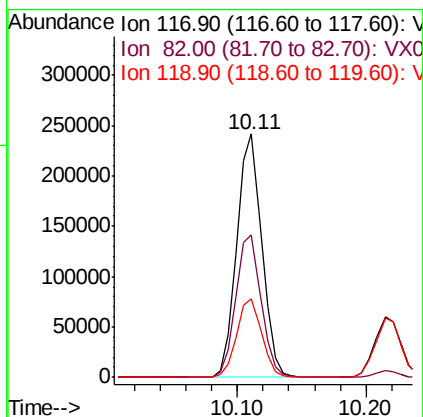
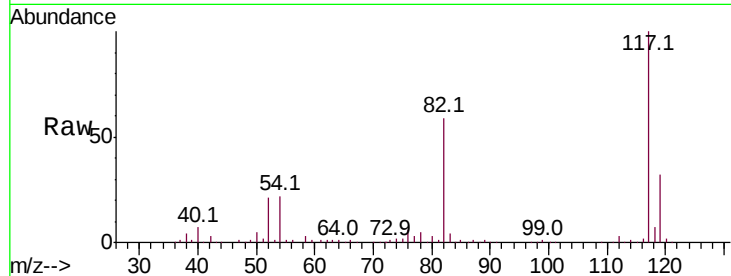




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

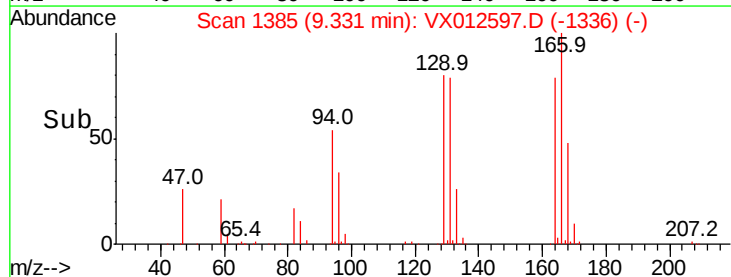
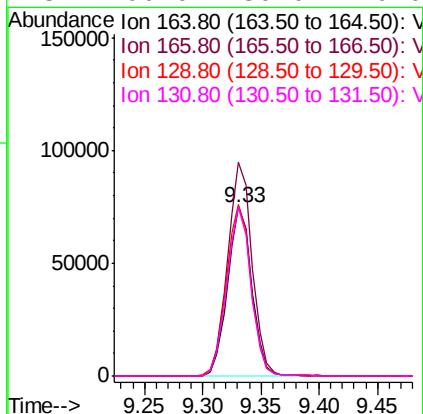
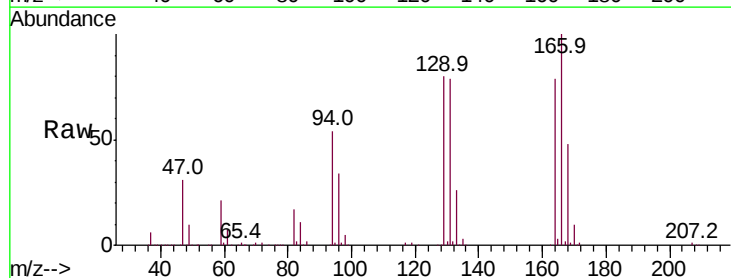
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

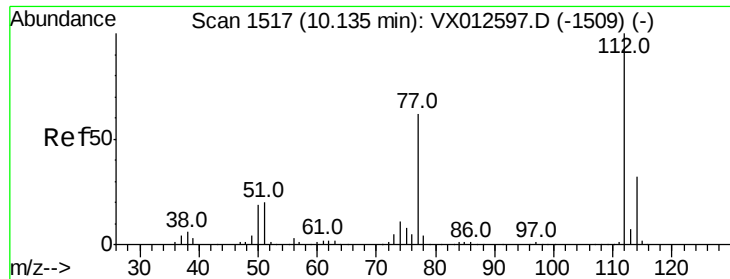
Tot Ion:117 Resp: 327139
Ion Ratio Lower Upper
117 100
82 58.7 47.0 70.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 67.970 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:164 Resp: 108445
Ion Ratio Lower Upper
164 100
166 126.6 101.3 151.9
129 101.4 81.1 121.7
131 100.0 80.0 120.0

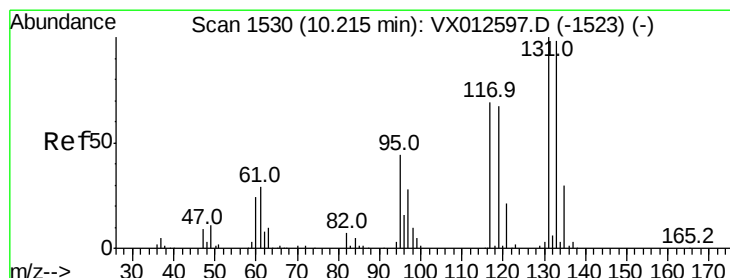
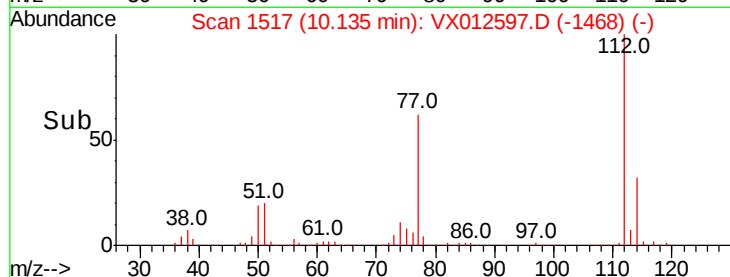
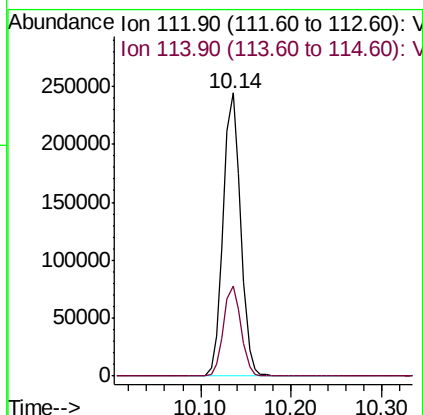
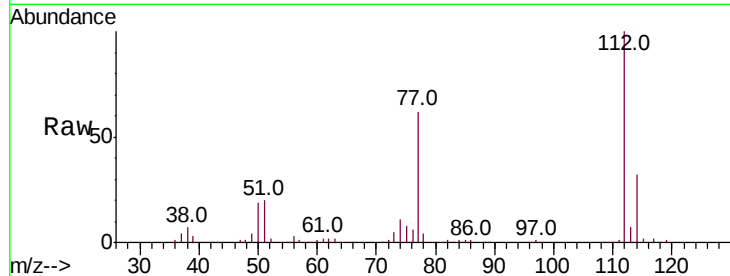




#65
Chlorobenzene
Concen: 59.109 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

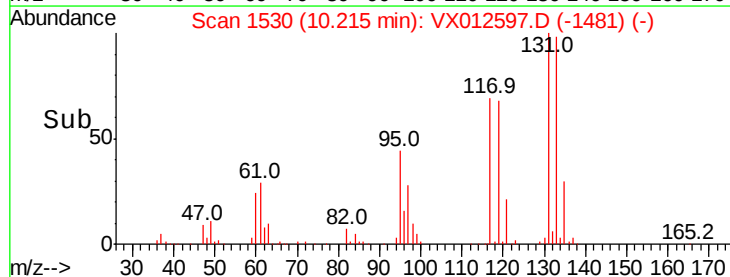
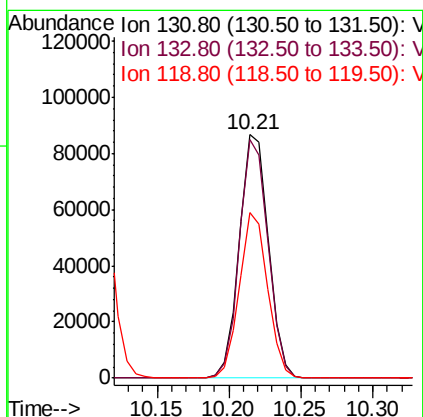
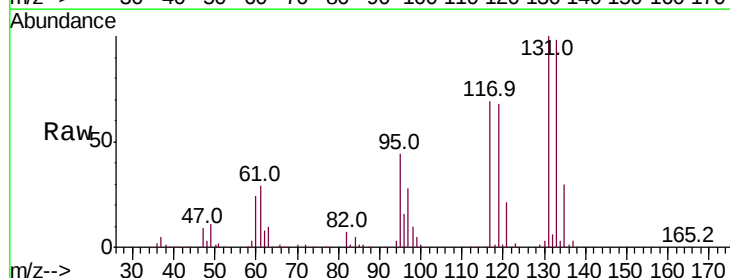
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

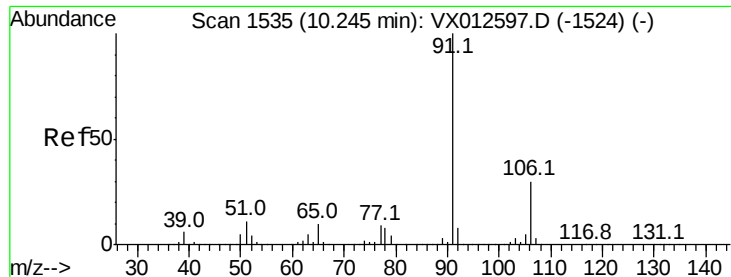
Tot Ion:112 Resp: 328928
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.152 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:131 Resp: 121604
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 66.0 33.0 99.0

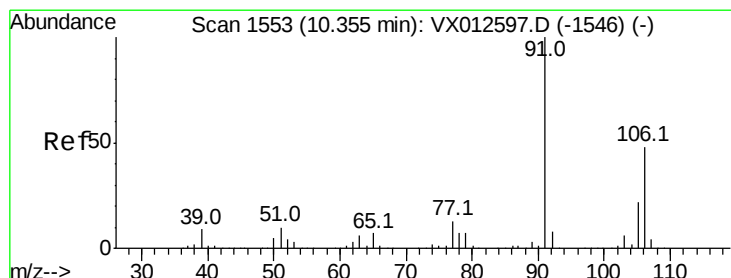
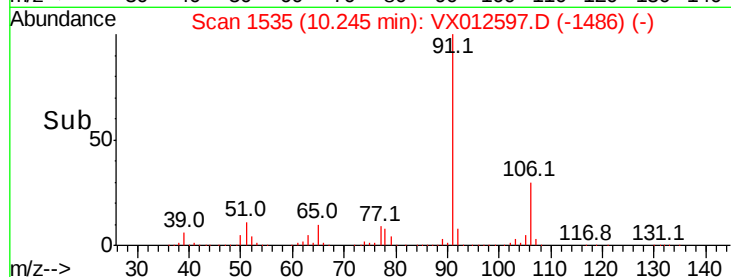
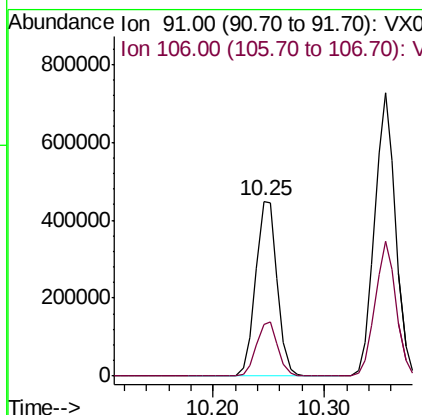
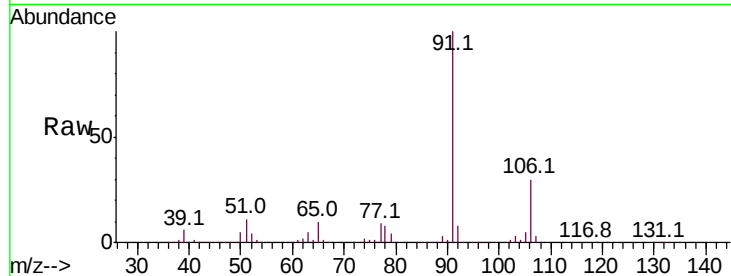




#67
Ethyl Benzene
Concen: 62.919 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

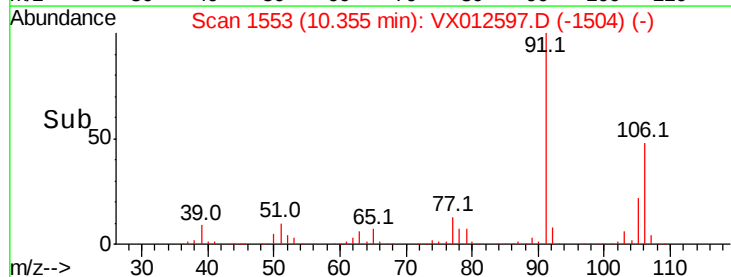
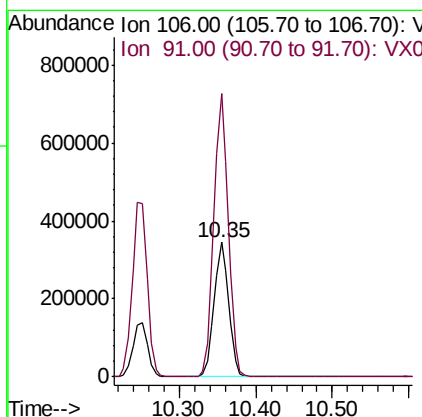
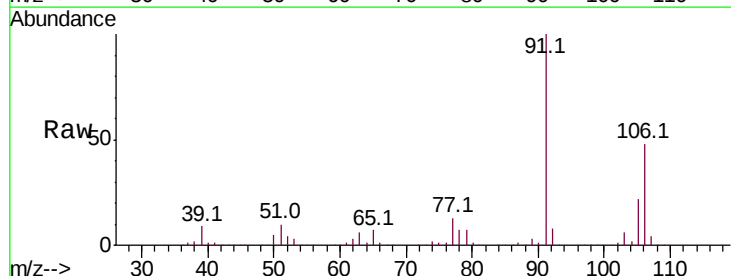
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

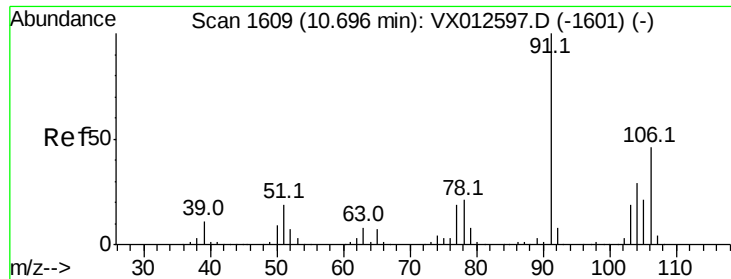
Tot Ion: 91 Resp: 606318
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 129.109 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 106 Resp: 455577
Ion Ratio Lower Upper
106 100
91 209.1 167.3 250.9

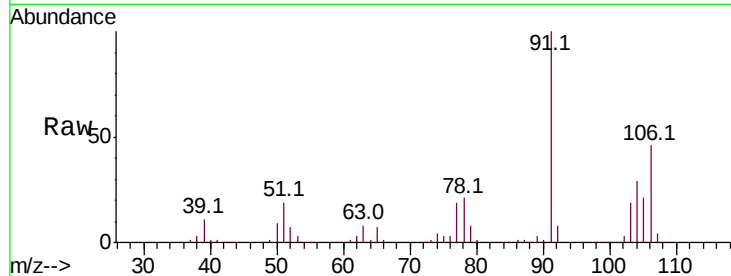




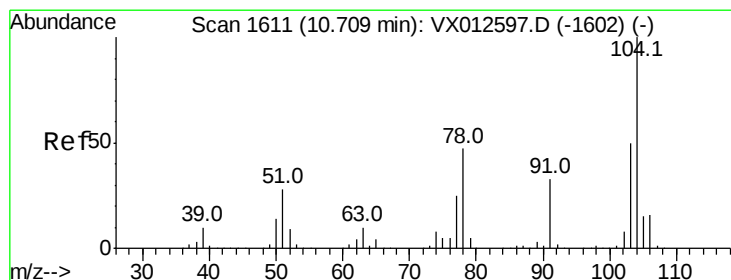
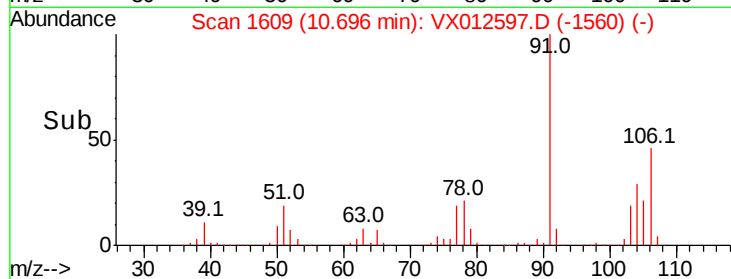
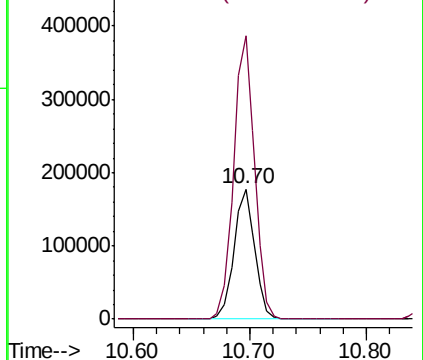
#69
o-Xylene
Concen: 61.294 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 219392
Ion Ratio Lower Upper
106 100
91 220.7 110.3 331.0

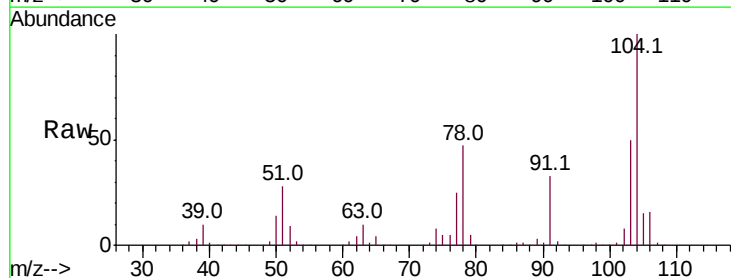


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

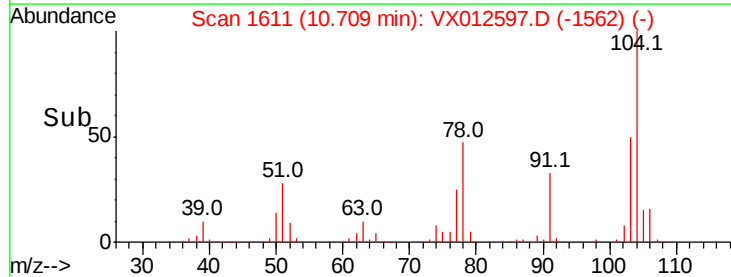
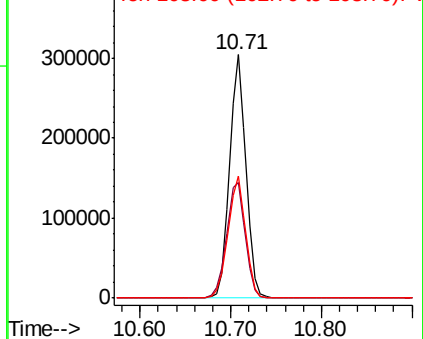


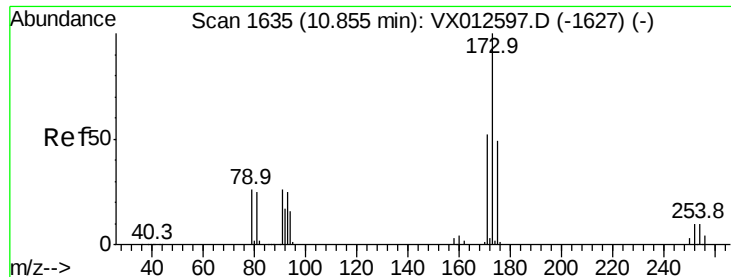
#70
Styrene
Concen: 60.270 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:104 Resp: 379069
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.2
103 54.3 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

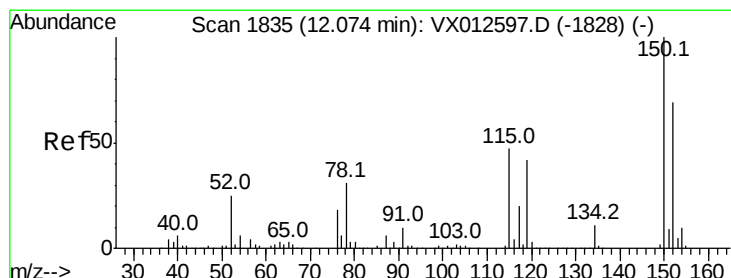
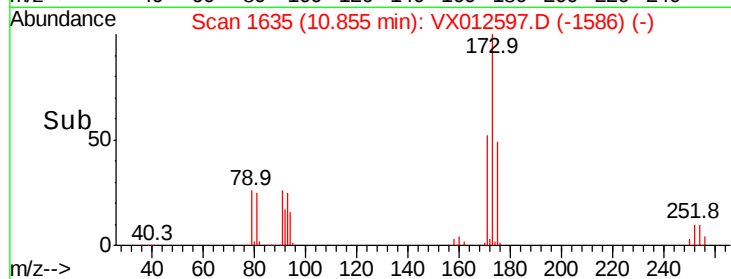
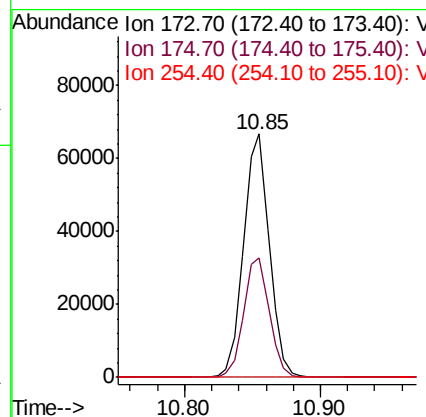
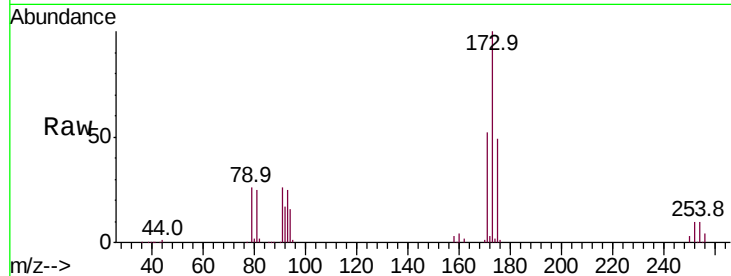




#71
Bromoform
Concen: 52.943 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

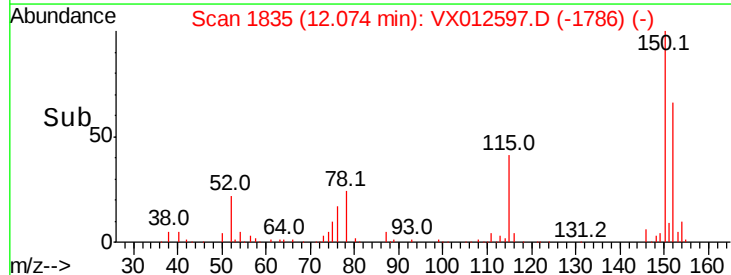
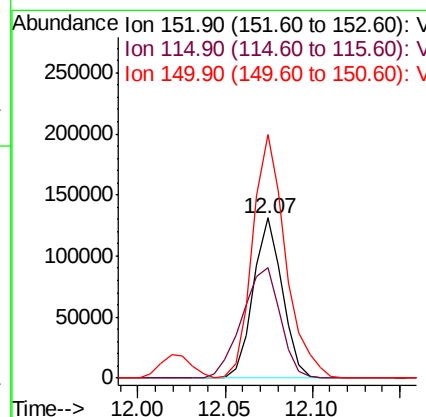
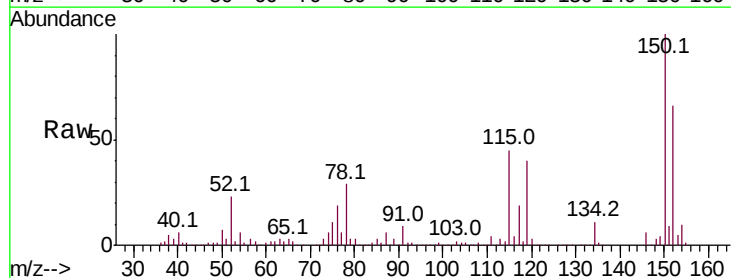
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

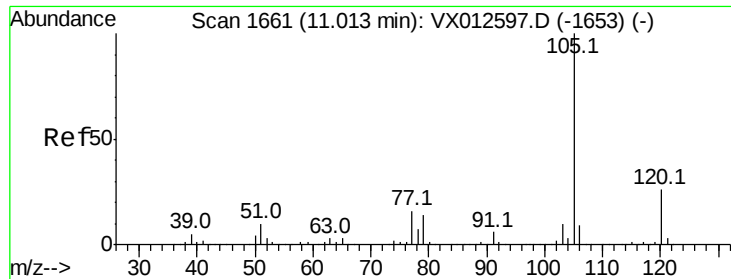
Tot Ion:173 Resp: 87696
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:152 Resp: 152115
Ion Ratio Lower Upper
152 100
115 90.4 45.2 135.6
150 173.1 0.0 346.2

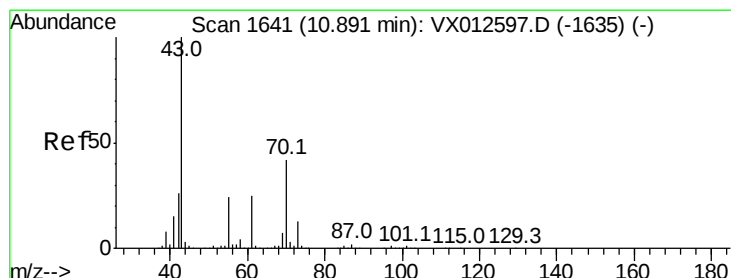
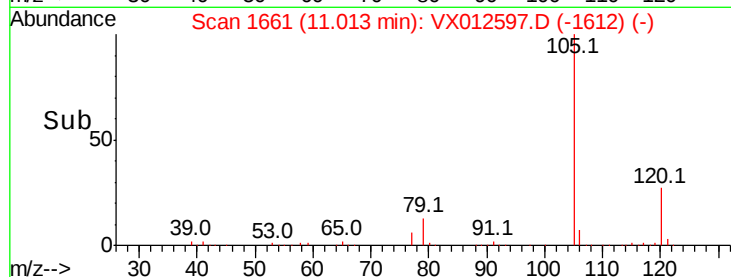
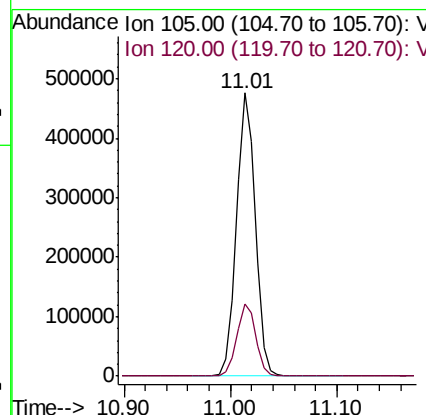
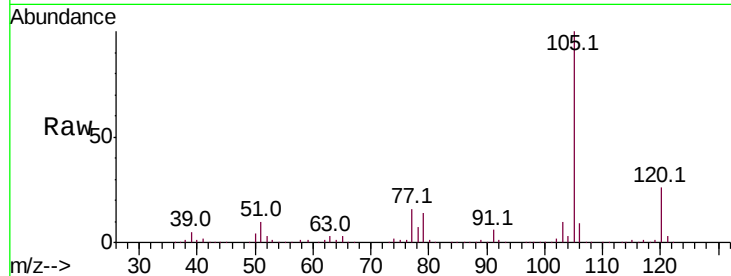




#73
Isopropylbenzene
Concen: 60.116 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

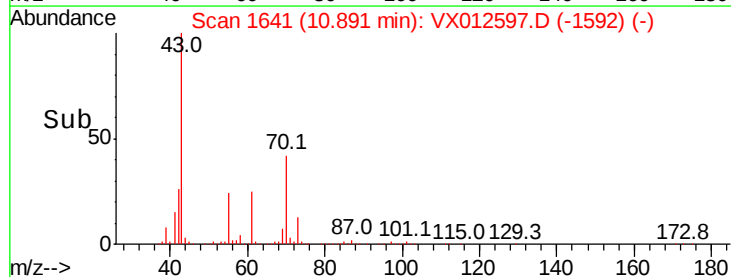
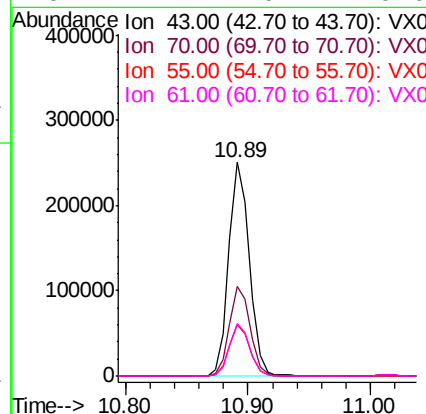
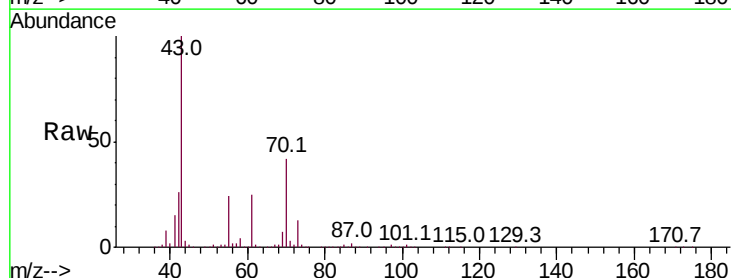
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

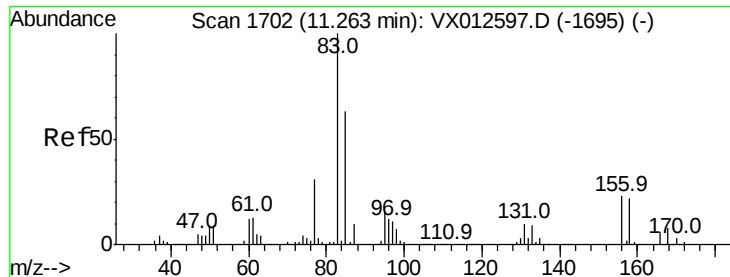
Tot Ion:105 Resp: 590681
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 56.304 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 43 Resp: 291955
Ion Ratio Lower Upper
43 100
70 42.3 33.8 50.8
55 24.0 19.2 28.8
61 24.2 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.651 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

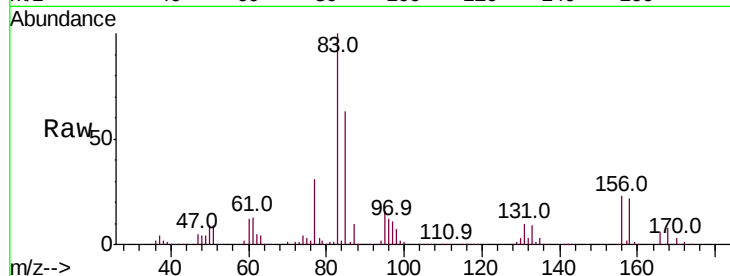
Tot Ion: 83 Resp: 197353

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	64.1	32.0	96.2

83 100

131 10.3 5.1 15.4

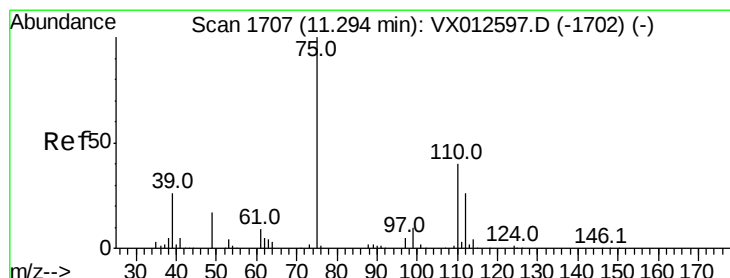
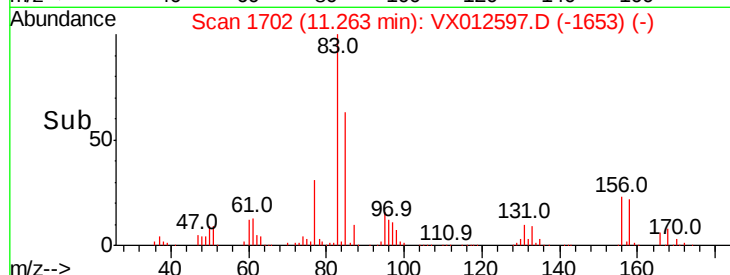
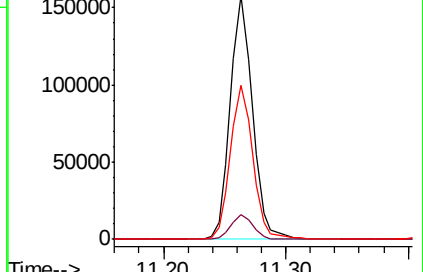
85 64.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.791 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012597.D

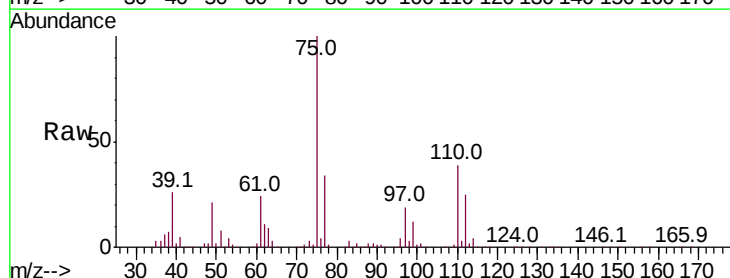
Acq: 23 Sep 2019 11:19

Tgt Ion: 75 Resp: 245626

Ion	Ratio	Lower	Upper
75	100		
77	30.8	19.3	57.8

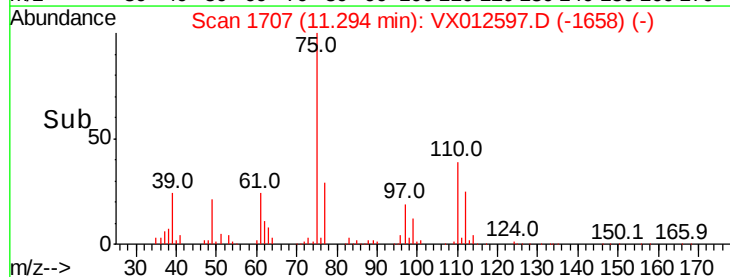
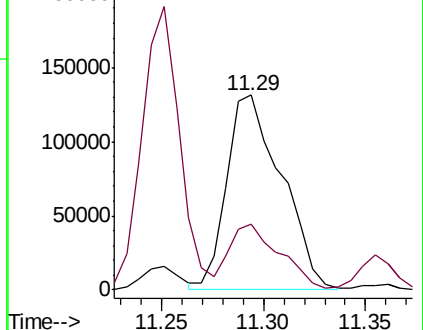
75 100

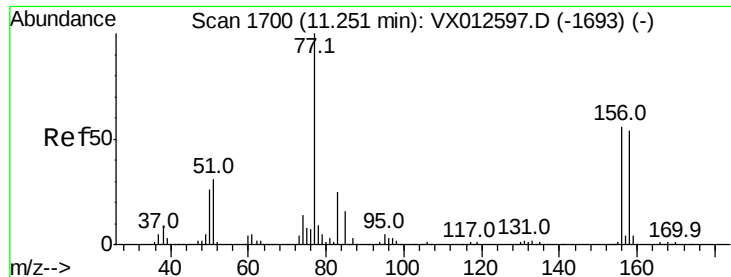
77 30.8 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 56.436 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

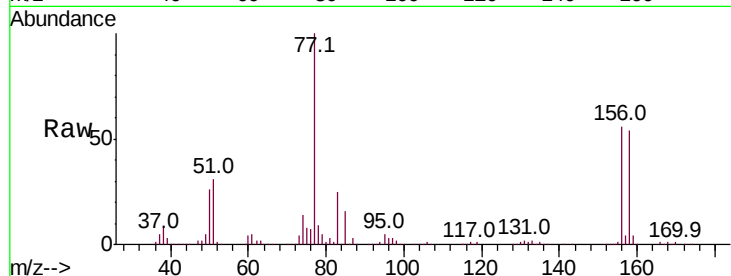
Tot Ion:156 Resp: 133451

Ion Ratio Lower Upper

156 100

77 182.4 91.2 273.6

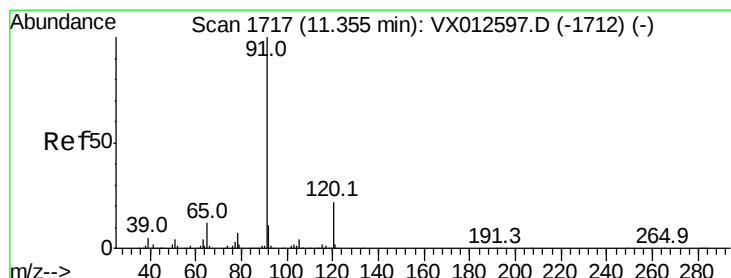
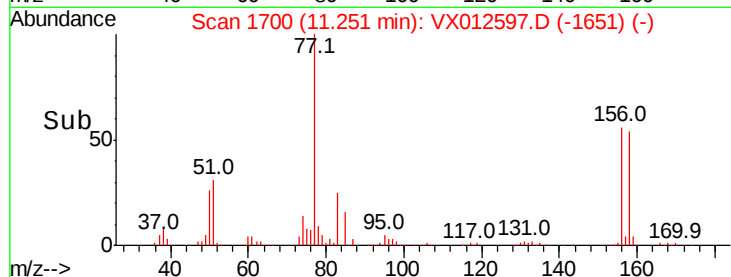
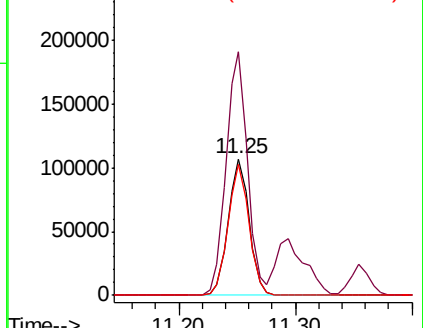
158 96.1 48.0 144.2



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: 60.742 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012597.D

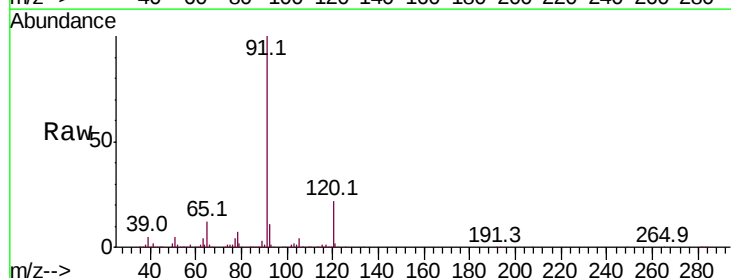
Acq: 23 Sep 2019 11:19

Tgt Ion: 91 Resp: 665329

Ion Ratio Lower Upper

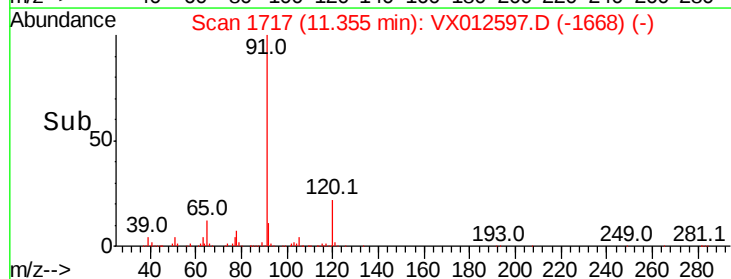
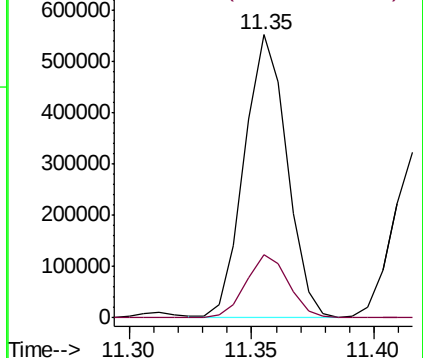
91 100

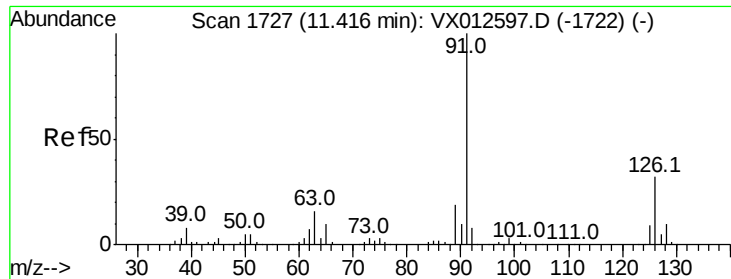
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

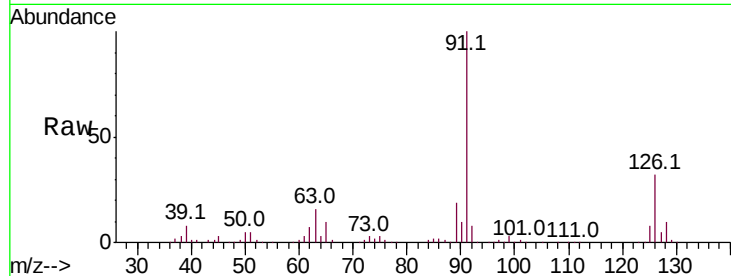




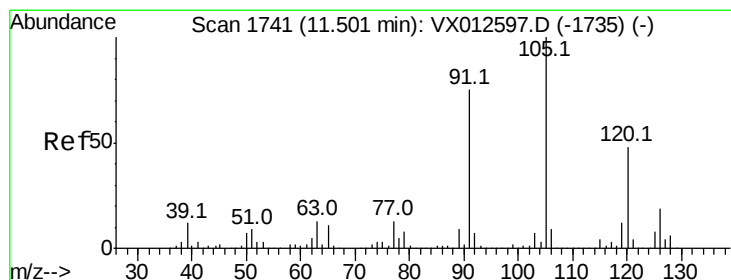
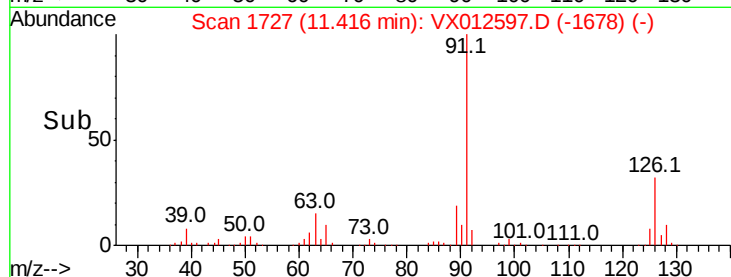
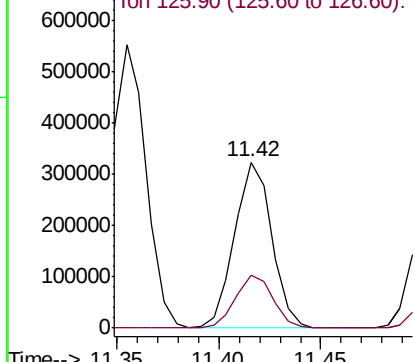
#79
2-Chlorotoluene
Concen: 57.488 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 407984
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.3

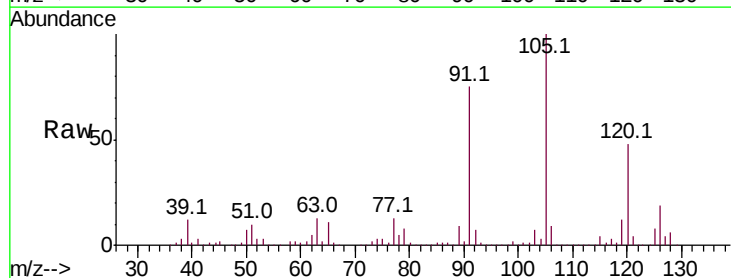


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

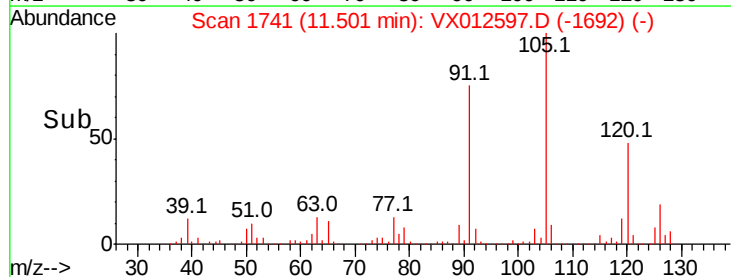
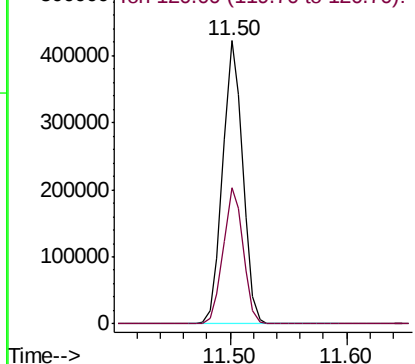


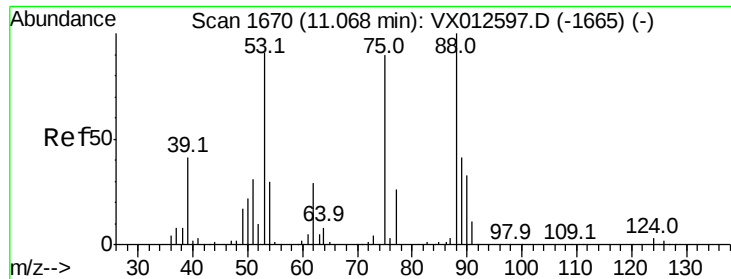
#80
1,3,5-Trimethylbenzene
Concen: 59.822 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:105 Resp: 499590
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

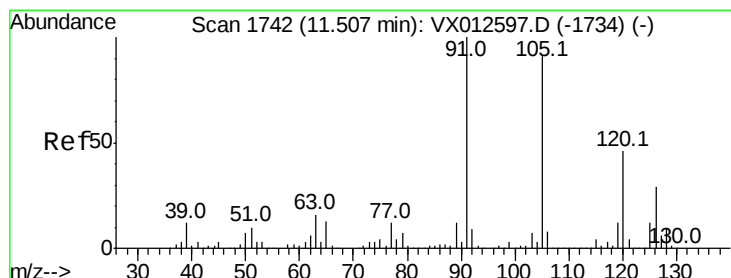
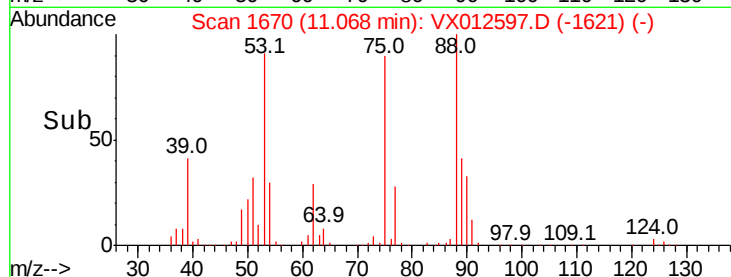
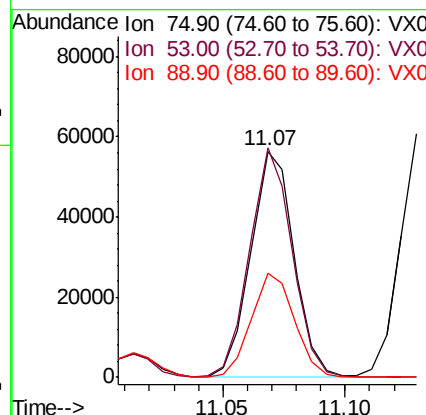
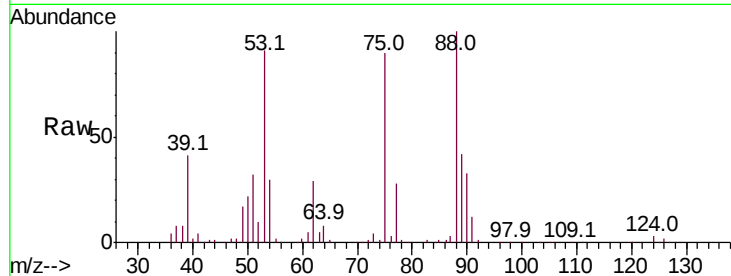




#81
trans-1,4-Dichloro-2-butene
Concen: 58.265 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

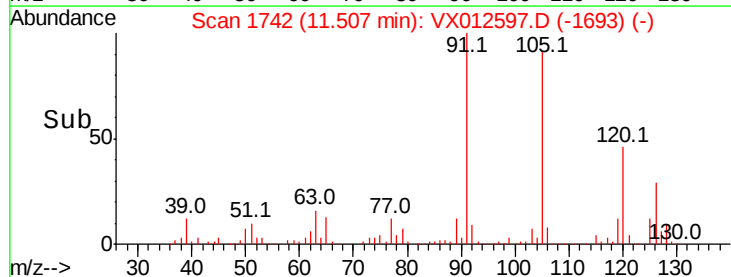
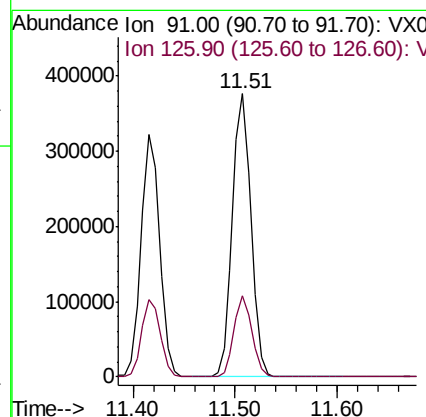
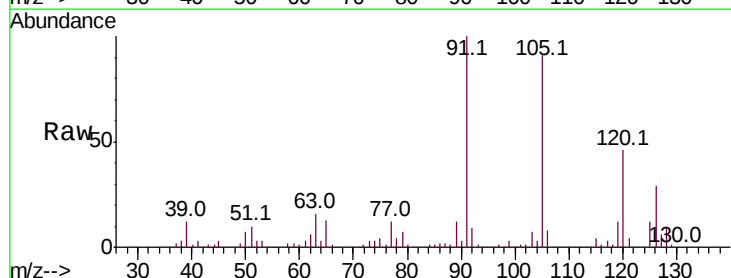
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

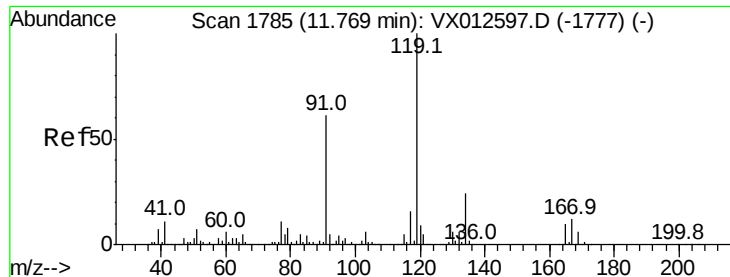
Tot Ion: 75 Resp: 69803
Ion Ratio Lower Upper
75 100
53 99.4 79.5 119.3
89 46.0 36.8 55.2



#82
4-Chlorotoluene
Concen: 58.337 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 91 Resp: 474652
Ion Ratio Lower Upper
91 100
126 27.8 13.9 41.7

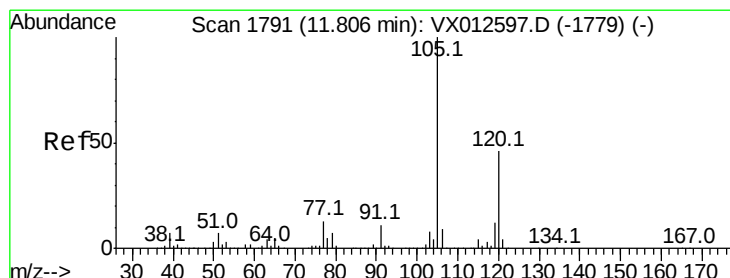
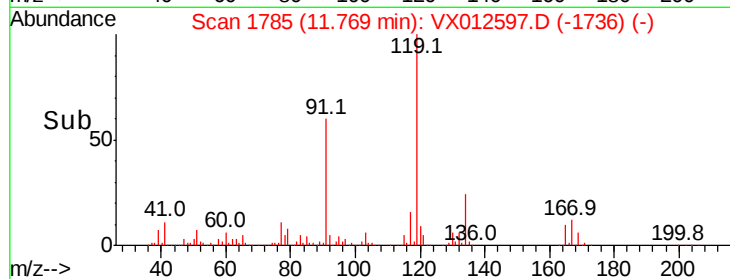
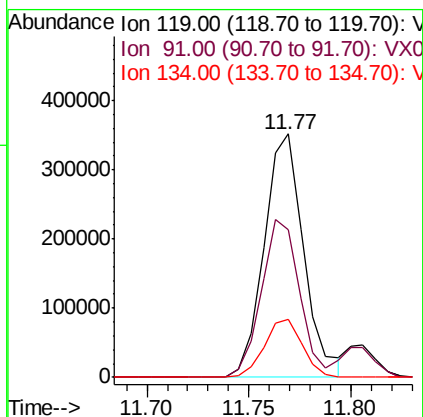
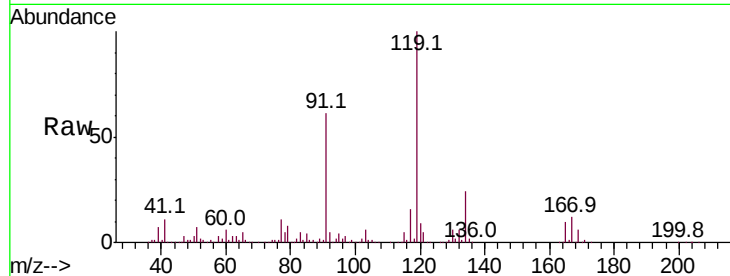




#83
tert-Butylbenzene
Concen: 54.083 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

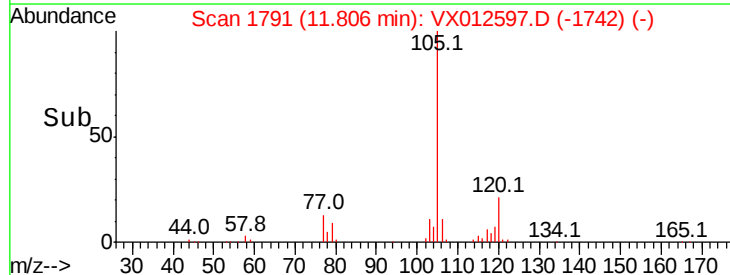
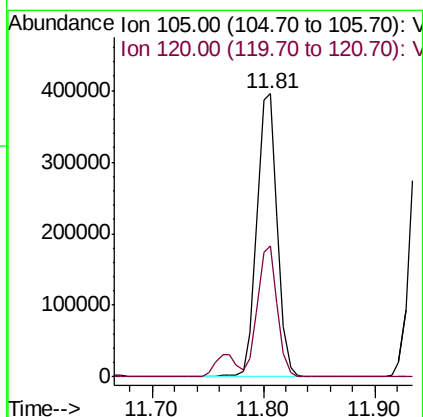
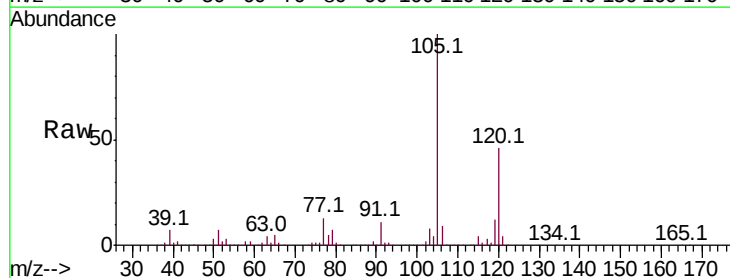
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

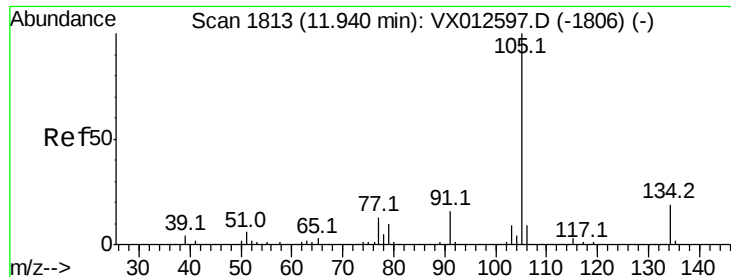
Tot Ion:119 Resp: 475192
Ion Ratio Lower Upper
119 100
91 62.3 31.1 93.5
134 23.0 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 59.021 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:105 Resp: 505202
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8

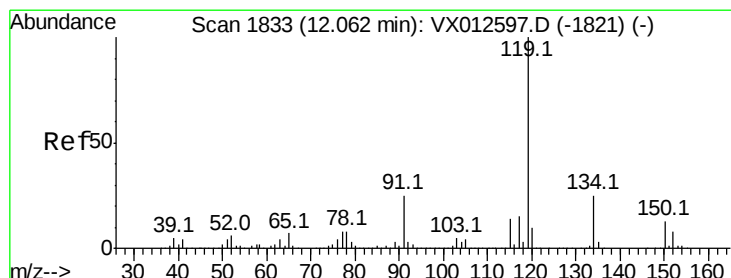
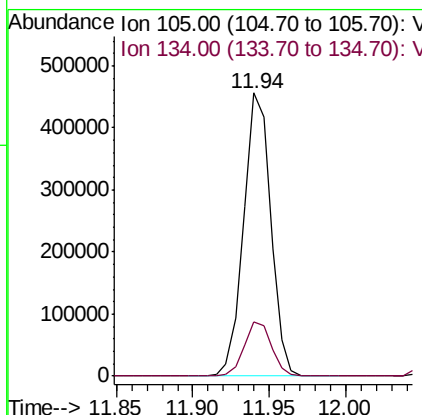
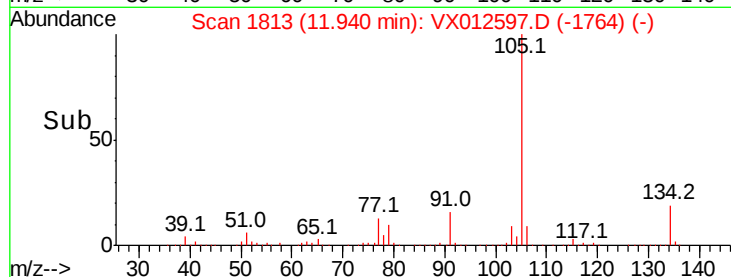
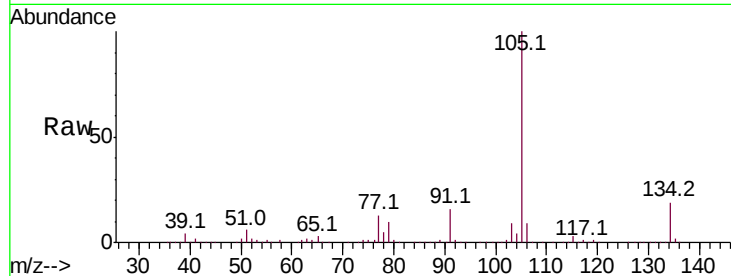




#85
 sec-Butylbenzene
 Concen: 57.617 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

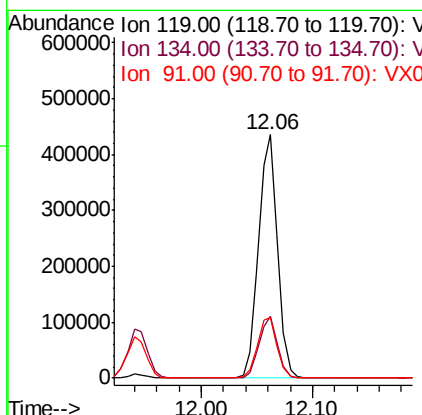
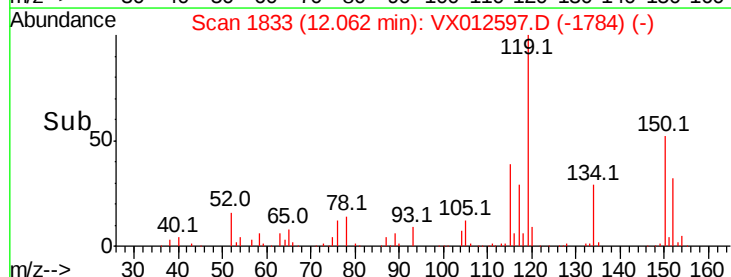
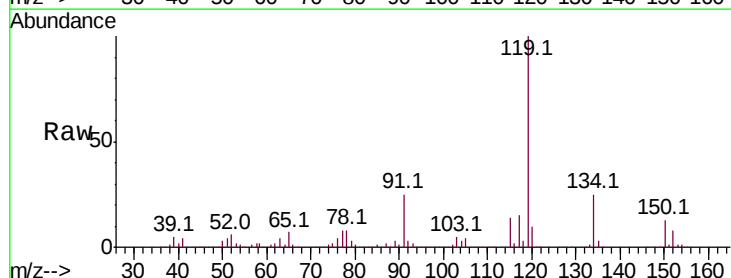
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

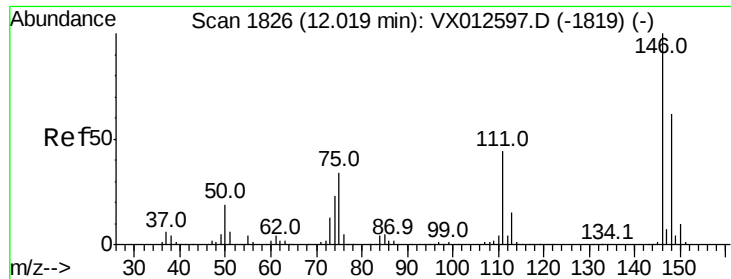
Tot Ion:105 Resp: 563023
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 57.690 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion:119 Resp: 516967
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.4 37.4
 91 25.6 12.8 38.4

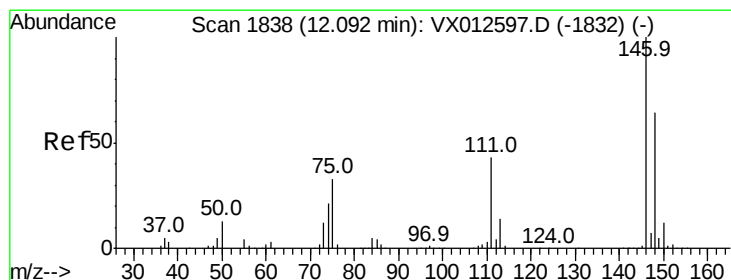
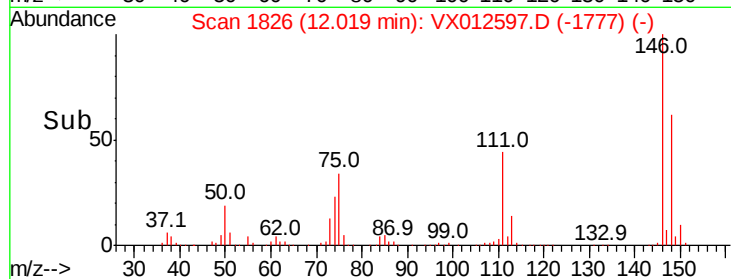
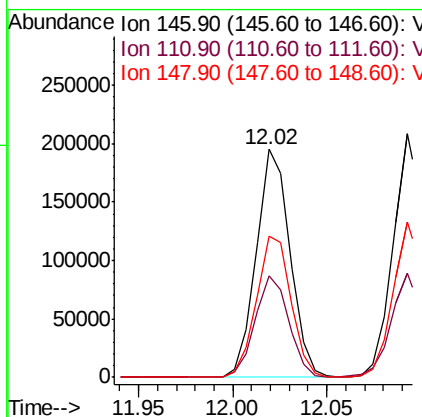
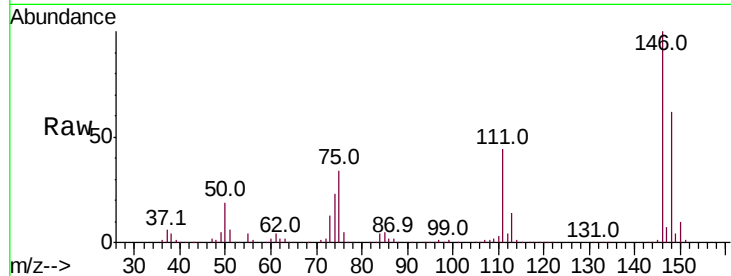




#87
 1,3-Dichlorobenzene
 Concen: 54.800 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

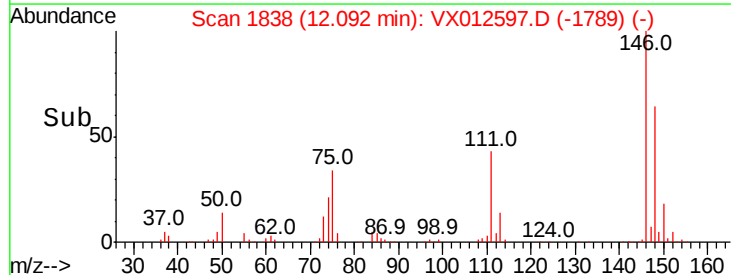
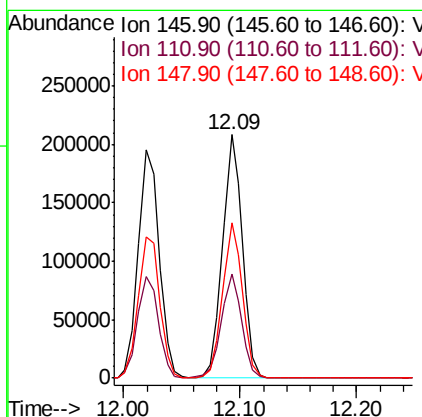
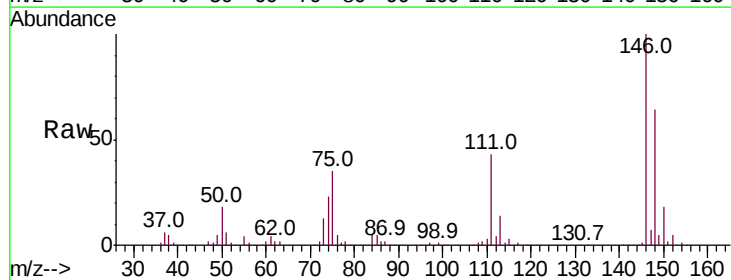
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

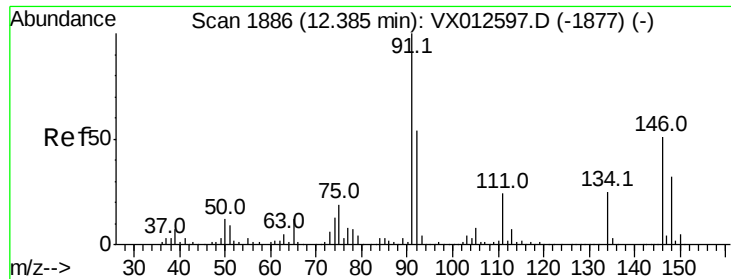
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.3	66.9
148	63.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 53.864 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.7	65.1
148	63.5	31.8	95.3

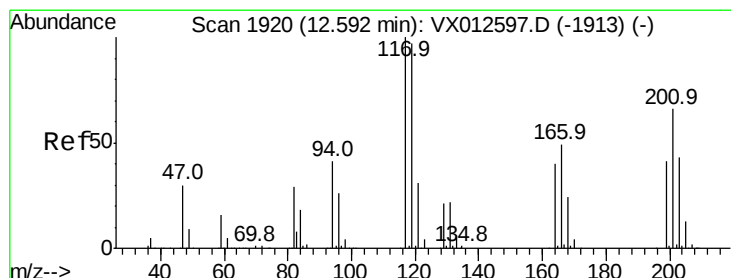
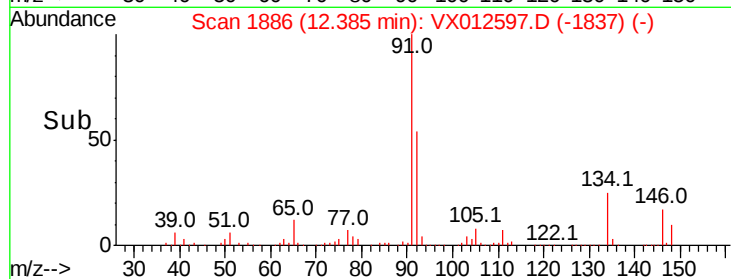
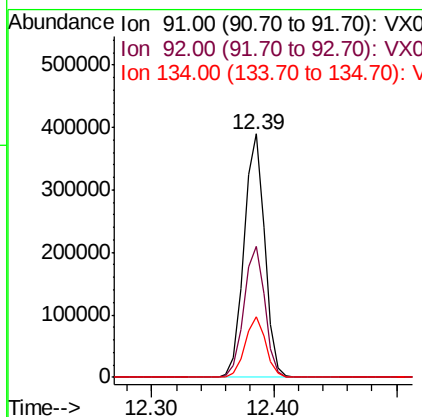
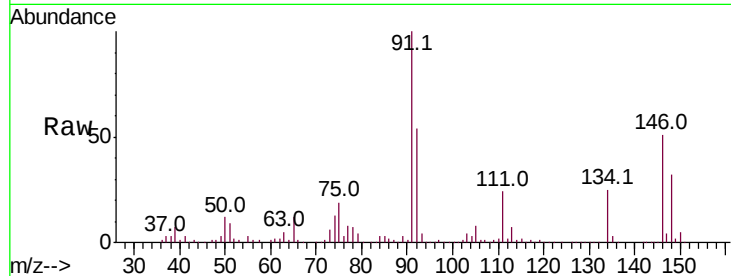




#89
n-Butylbenzene
Concen: 56.824 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

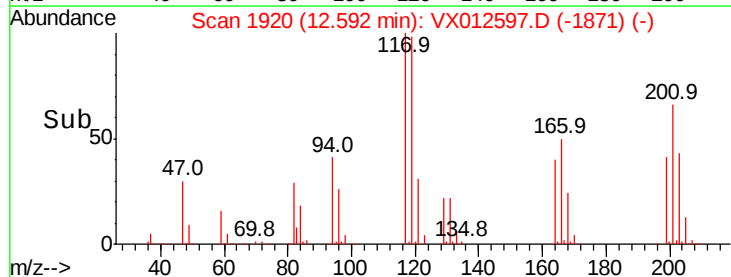
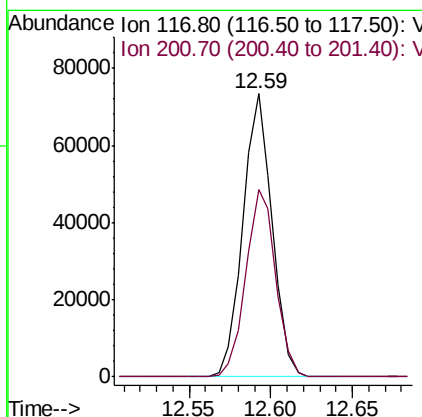
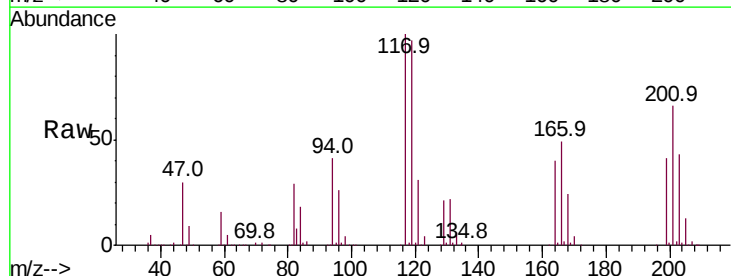
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

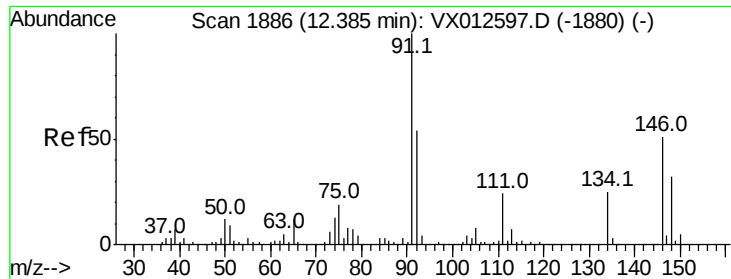
Tot Ion: 91 Resp: 453289
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 56.191 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 117 Resp: 91339
Ion Ratio Lower Upper
117 100
201 67.9 34.0 101.8





#91

1,2-Dichlorobenzene

Concen: 53.265 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

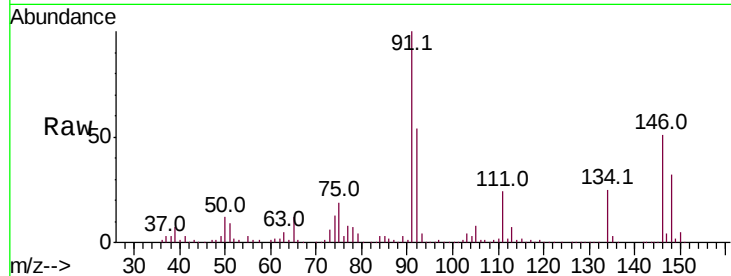
Tot Ion:146 Resp: 244205

Ion Ratio Lower Upper

146 100

111 45.6 22.8 68.4

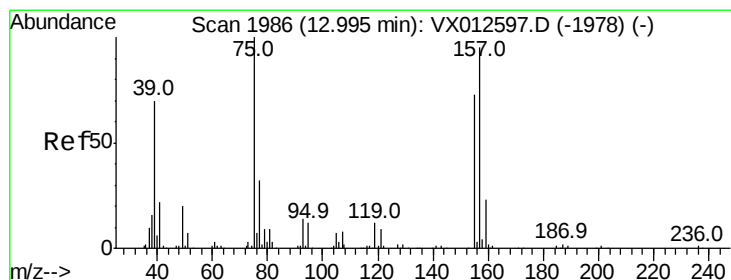
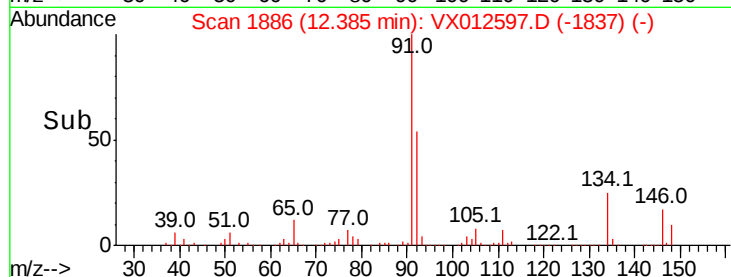
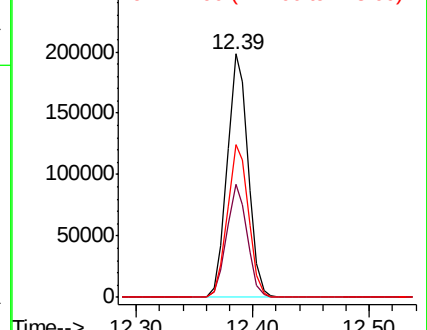
148 63.4 31.7 95.1



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: 54.538 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

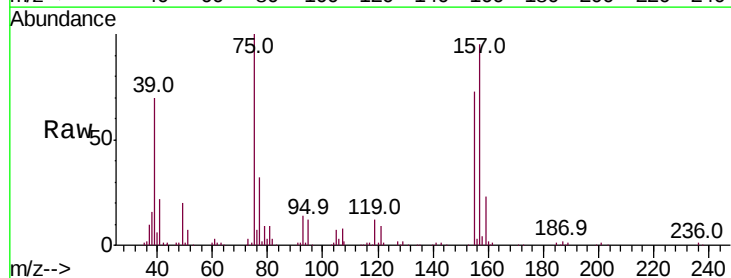
Tgt Ion: 75 Resp: 52788

Ion Ratio Lower Upper

75 100

155 77.4 38.7 116.1

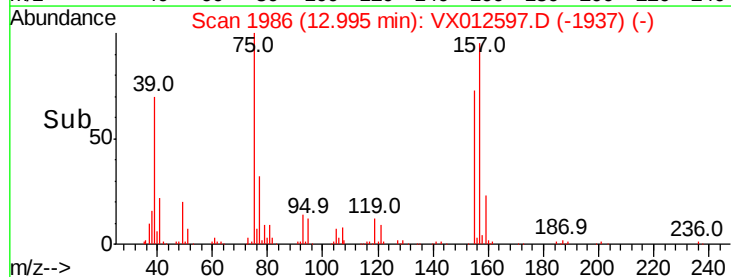
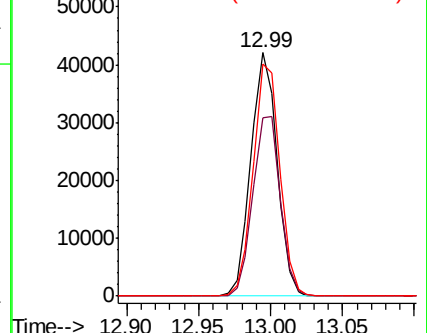
157 97.1 48.5 145.6

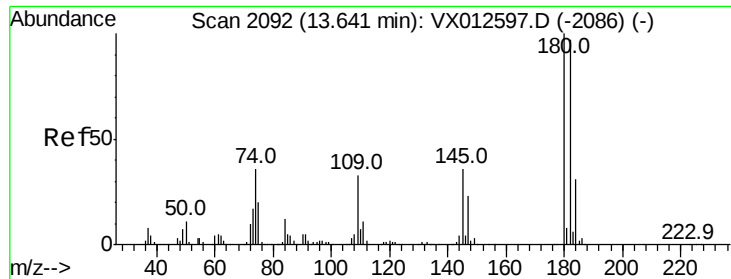


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

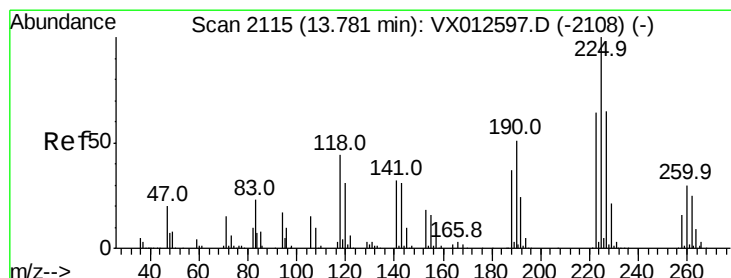
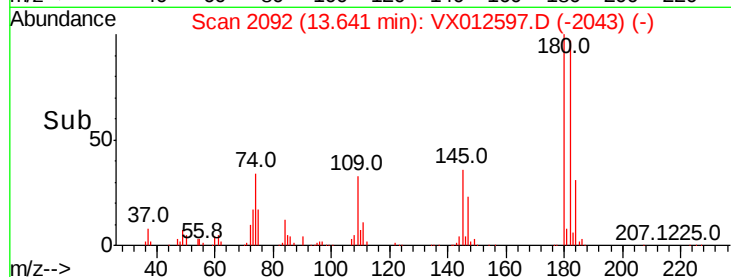
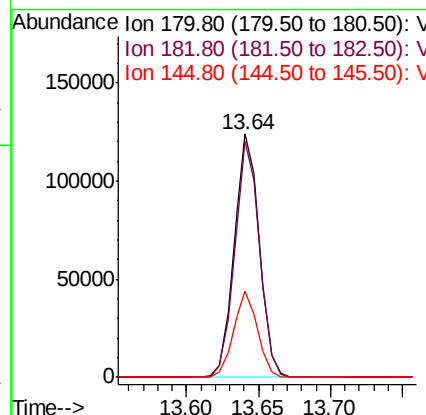
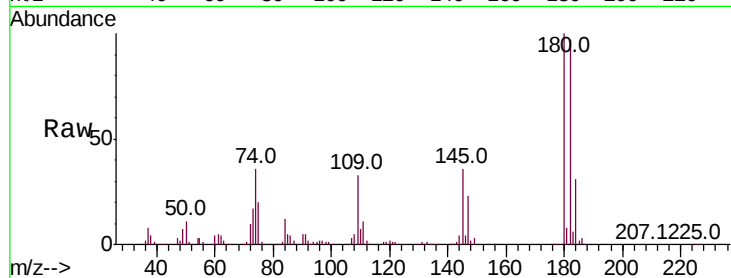




#93
 1,2,4-Trichlorobenzene
 Concen: 51.971 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

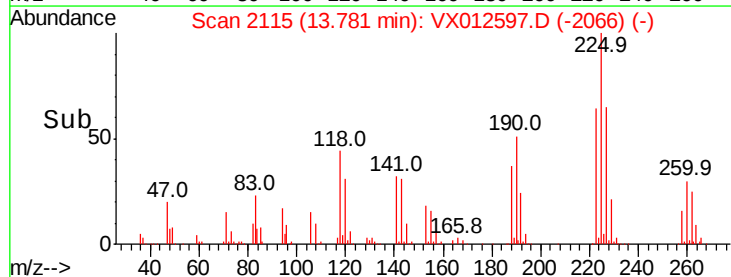
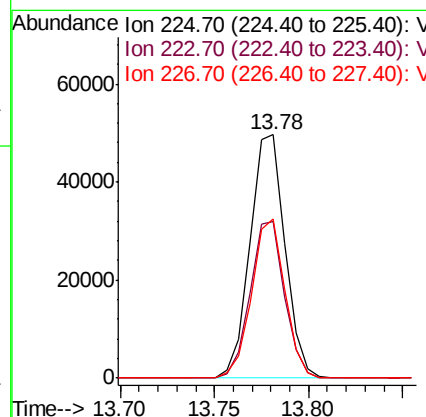
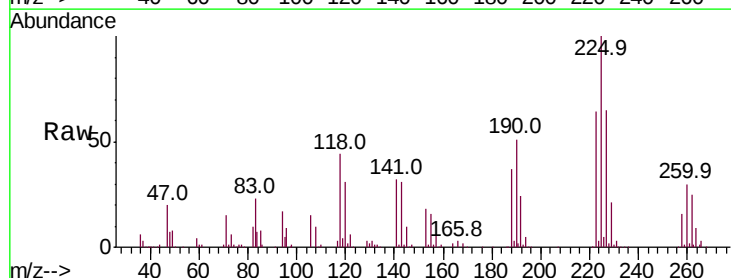
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

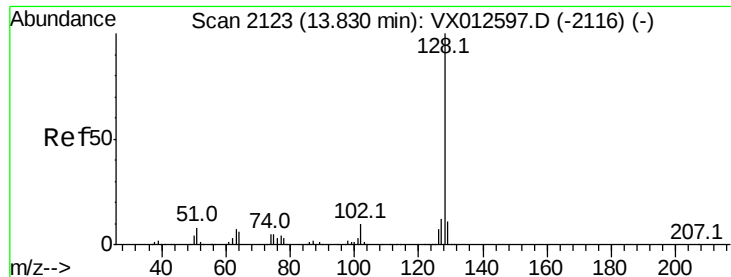
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	34.2	17.1	51.3



#94
 Hexachlorobutadiene
 Concen: 46.977 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.7	95.1
227	62.3	31.1	93.5

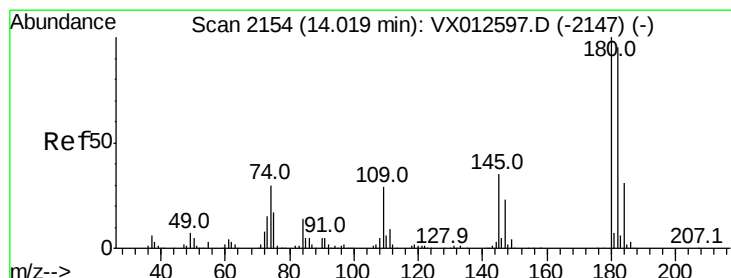
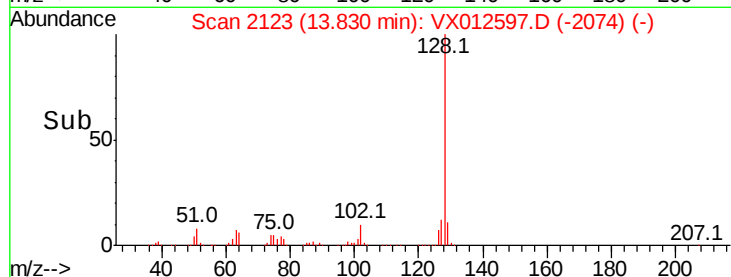
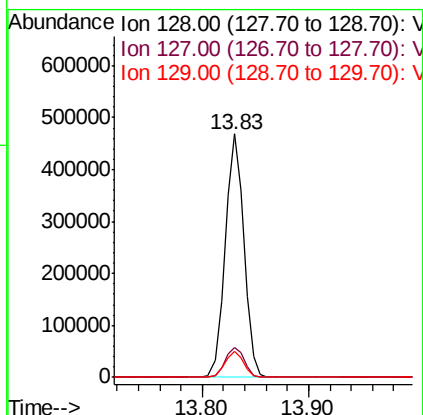
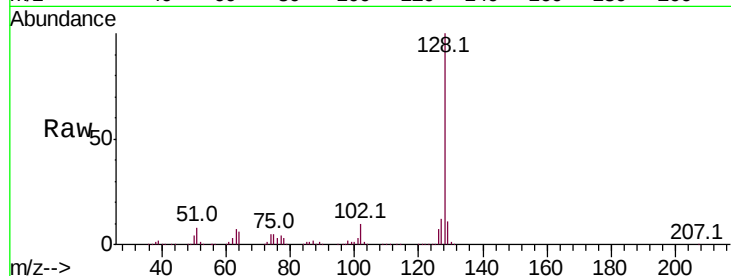




#95
Naphthalene
Concen: 55.065 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 574259
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.023 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:180 Resp: 154435
Ion Ratio Lower Upper
180 100
182 93.5 46.8 140.3
145 36.7 18.4 55.0

