

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX120420\
 Data File : VX019713.D
 Acq On : 04 Dec 2020 12:24
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 04 13:17:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	338377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	553084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	508281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	262798	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	211211	47.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.22%	
35) Dibromofluoromethane		5.46	113	173168	47.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.60%	
50) Toluene-d8		8.70	98	672250	48.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.88%	
62) 4-Bromofluorobenzene		11.12	95	255832	48.70	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	165058	49.897	ug/l	100
3) Chloromethane	1.31	50	176935	38.939	ug/l	100
4) Vinyl Chloride	1.39	62	198157	48.467	ug/l	100
5) Bromomethane	1.62	94	65117	44.592	ug/l	100
6) Chloroethane	1.70	64	121293	23.321	ug/l	100
7) Trichlorofluoromethane	1.91	101	272404	48.219	ug/l	100
8) Diethyl Ether	2.17	74	112606	47.421	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	156598	46.710	ug/l	100
10) Methyl Iodide	2.49	142	230193	50.104	ug/l	100
11) Tert butyl alcohol	3.01	59	224805	226.070	ug/l	100
12) 1,1-Dichloroethene	2.36	96	158214	47.085	ug/l	100
13) Acrolein	2.27	56	116953	204.576	ug/l	100
14) Allyl chloride	2.70	41	262575	48.602	ug/l	100
15) Acrylonitrile	3.11	53	500992	241.053	ug/l	100
16) Acetone	2.42	43	422382	233.831	ug/l	100
17) Carbon Disulfide	2.55	76	443976	48.711	ug/l	100
18) Methyl Acetate	2.75	43	208022	45.844	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	576635	48.675	ug/l	100
20) Methylene Chloride	2.83	84	197586	42.815	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	183954	48.449	ug/l	100
22) Diisopropyl ether	3.82	45	541751	48.429	ug/l	100
23) Vinyl Acetate	3.78	43	2337648	248.171	ug/l	100
24) 1,1-Dichloroethane	3.67	63	322292	47.557	ug/l	100
25) 2-Butanone	4.62	43	645351	241.729	ug/l	100
26) 2,2-Dichloropropane	4.54	77	279778	49.457	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	210800	47.657	ug/l	100
28) Bromochloromethane	4.97	49	153315	49.632	ug/l	100
29) Tetrahydrofuran	5.08	42	413225	242.023	ug/l	100
30) Chloroform	5.17	83	332439	47.754	ug/l	100
31) Cyclohexane	5.54	56	286664	48.384	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	290064	48.804	ug/l	100
36) 1,1-Dichloropropene	5.76	75	249647	48.820	ug/l	100
37) Ethyl Acetate	4.79	43	245895	48.015	ug/l	100
38) Carbon Tetrachloride	5.75	117	251115	49.453	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	302764	50.376	ug/l	100
40) Benzene	6.10	78	764149	47.920	ug/l	100
41) Methacrylonitrile	5.00	41	137813	48.625	ug/l	100
42) 1,2-Dichloroethane	6.15	62	263285	48.061	ug/l	100
43) Isopropyl Acetate	6.40	43	405198	47.792	ug/l	100
44) Trichloroethene	7.18	130	201409	48.358	ug/l	100
45) 1,2-Dichloropropane	7.48	63	190816	47.577	ug/l	100
46) Dibromomethane	7.63	93	130130	48.372	ug/l	100
47) Bromodichloromethane	7.87	83	261865	49.108	ug/l	100
48) Methyl methacrylate	7.74	41	202355	48.288	ug/l	100
49) 1,4-Dioxane	7.71	88	97682	1014.070	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1256436	242.594	ug/l	100
52) Toluene	8.76	92	483095	48.658	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	296913	50.777	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	320380	50.126	ug/l	100
55) 1,1,2-Trichloroethane	9.19	97	193682	48.237	ug/l	100
56) Ethyl methacrylate	9.15	69	301359	49.967	ug/l	100
57) 1,3-Dichloropropane	9.35	76	327076	48.136	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	775046	245.284	ug/l	100
59) 2-Hexanone	9.47	43	981469	250.512	ug/l	100
60) Dibromochloromethane	9.56	129	203103	49.247	ug/l	100
61) 1,2-Dibromoethane	9.65	107	203813	48.324	ug/l	100
64) Tetrachloroethene	9.32	164	172505	49.148	ug/l	100
65) Chlorobenzene	10.12	112	511766	48.565	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	187694	49.015	ug/l	100
67) Ethyl Benzene	10.23	91	925420	49.793	ug/l	100
68) m/p-Xylenes	10.34	106	700411	100.775	ug/l	100
69) o-Xylene	10.68	106	336704	49.905	ug/l	100
70) Styrene	10.70	104	582034	51.433	ug/l	100
71) Bromoform	10.84	173	153728	51.879	ug/l	# 100
73) Isopropylbenzene	11.00	105	901657	49.266	ug/l	100
74) N-amyl acetate	10.88	43	367128	49.963	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	314794	47.499	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	366164	60.794	ug/l	88
77) Bromobenzene	11.24	156	225051	47.451	ug/l	100
78) n-propylbenzene	11.34	91	1045725	49.561	ug/l	100
79) 2-Chlorotoluene	11.40	91	629619	49.061	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	782858	50.577	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	105818	49.142	ug/l	100
82) 4-Chlorotoluene	11.49	91	737521	49.300	ug/l	100
83) tert-Butylbenzene	11.76	119	760038	49.595	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	792048	50.636	ug/l	100
85) sec-Butylbenzene	11.93	105	876315	50.348	ug/l	100
86) p-Isopropyltoluene	12.05	119	812268	50.574	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	423887	49.120	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	425511	48.270	ug/l	100
89) n-Butylbenzene	12.37	91	717826	51.006	ug/l	100
90) Hexachloroethane	12.58	117	136485	49.977	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	415677	49.203	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	67280	48.062	ug/l	100

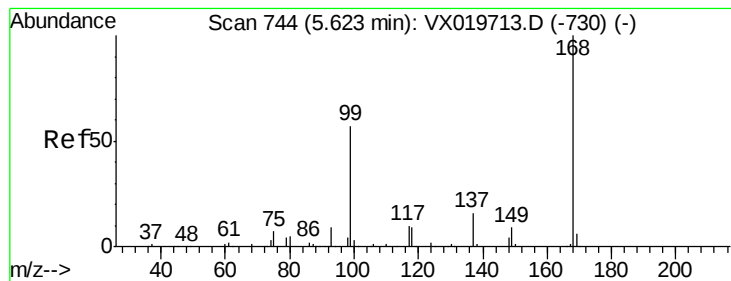
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	275889	50.389	ug/l	100
94) Hexachlorobutadiene	13.76	225	116574	50.179	ug/l	100
95) Naphthalene	13.82	128	901104	50.719	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	269343	49.592	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

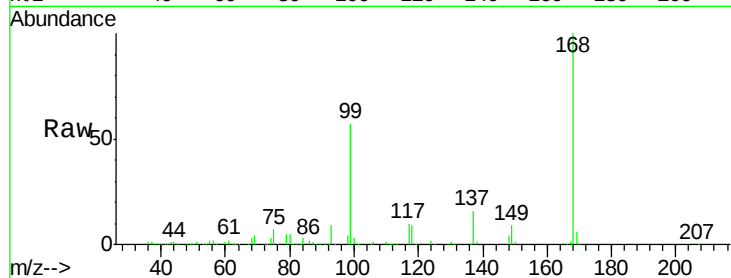
VSTDICCC050

Tgt Ion:168 Resp: 338377

Ion Ratio Lower Upper

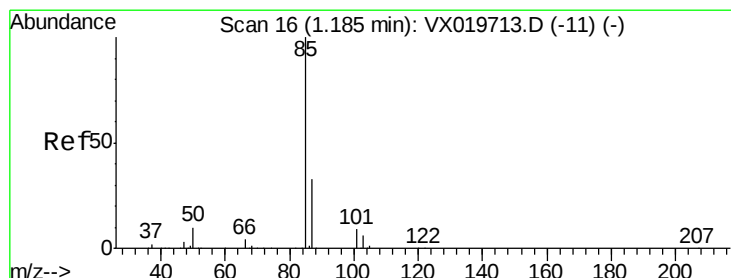
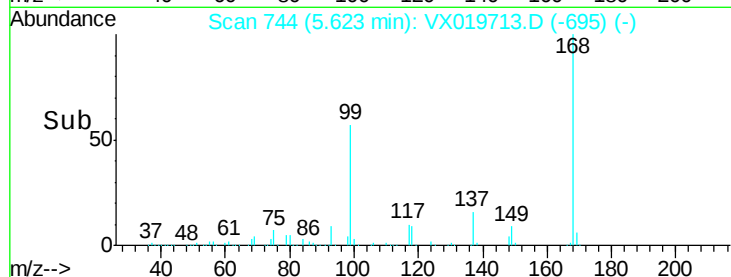
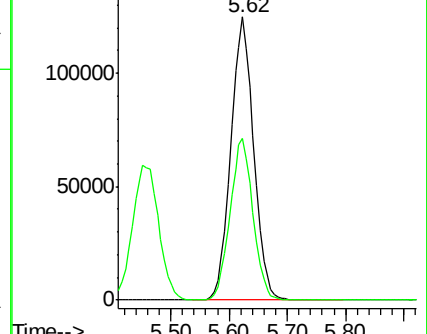
168 100

99 57.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.897 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019713.D

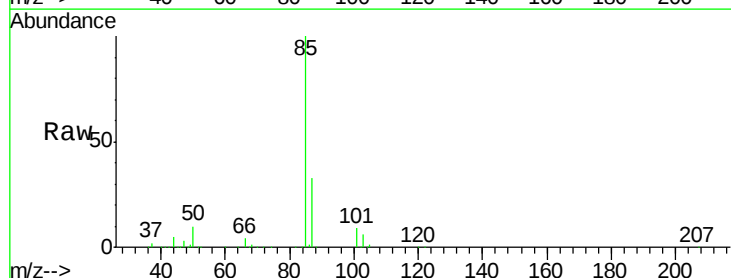
Acq: 04 Dec 2020 12:24

Tgt Ion: 85 Resp: 165058

Ion Ratio Lower Upper

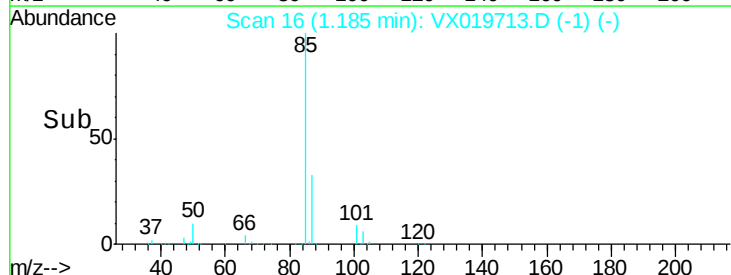
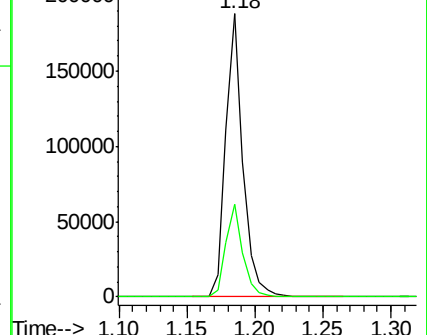
85 100

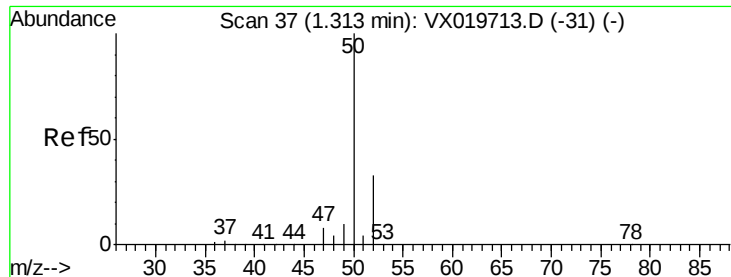
87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 38.939 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

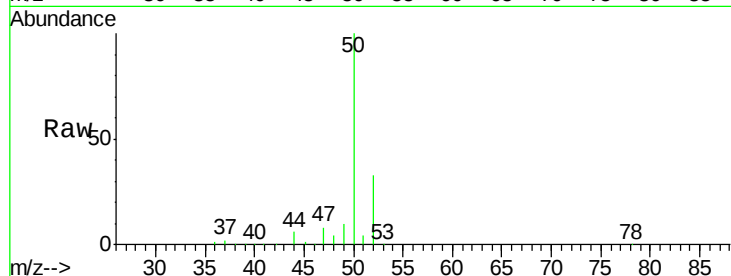
VSTDICCC050

Tgt Ion: 50 Resp: 176935

Ion Ratio Lower Upper

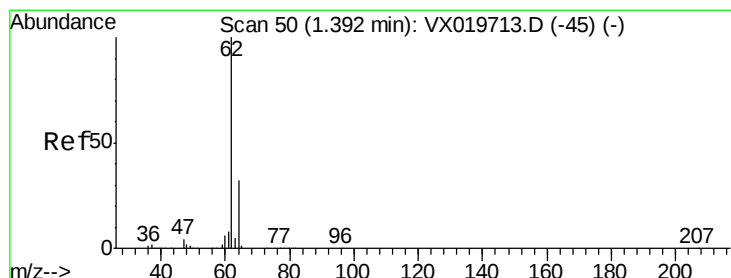
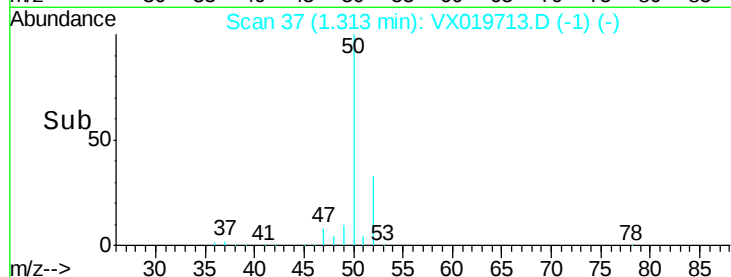
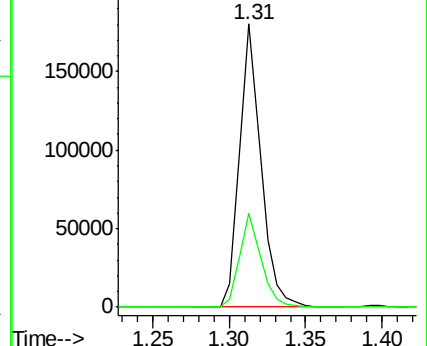
50 100

52 33.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.467 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019713.D

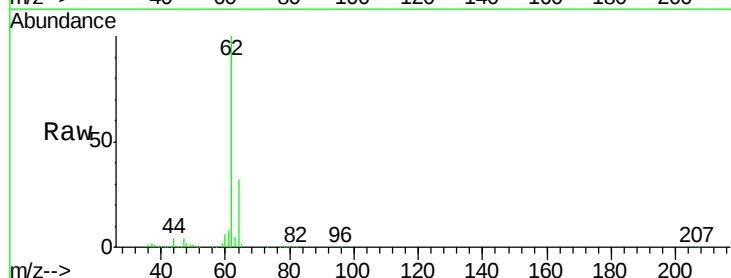
Acq: 04 Dec 2020 12:24

Tgt Ion: 62 Resp: 198157

Ion Ratio Lower Upper

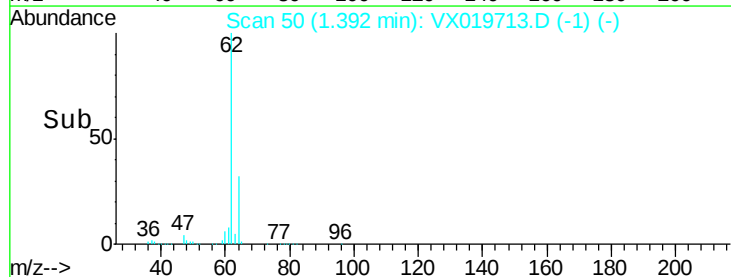
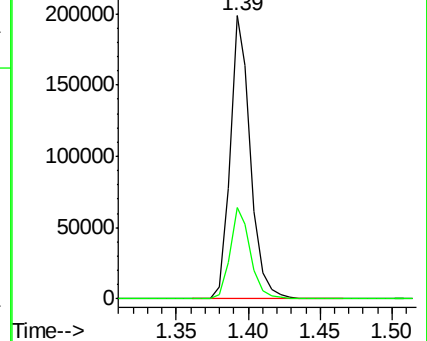
62 100

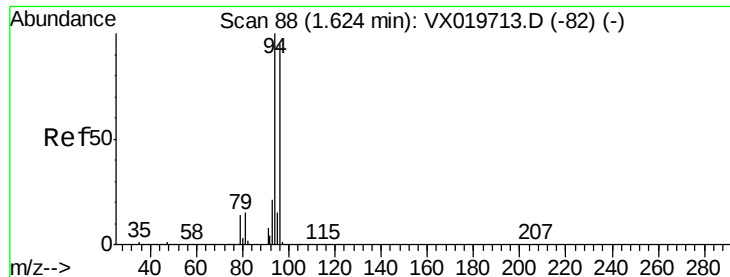
64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.592 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

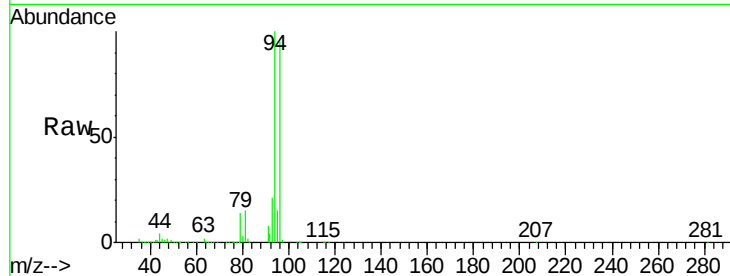
VSTDICCC050

Tgt Ion: 94 Resp: 65117

Ion Ratio Lower Upper

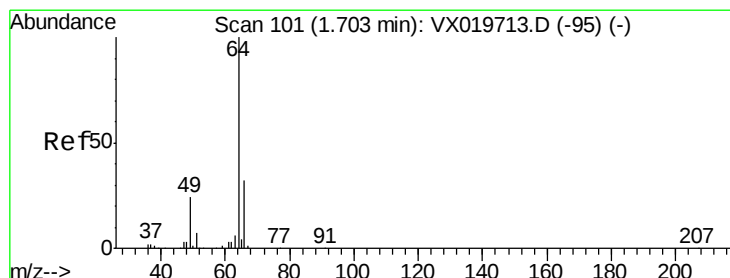
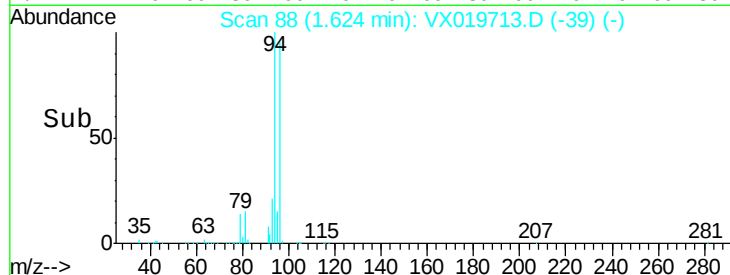
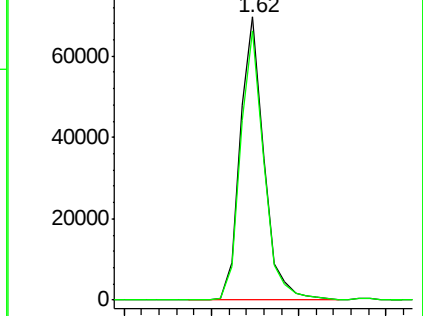
94 100

96 95.5 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.321 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019713.D

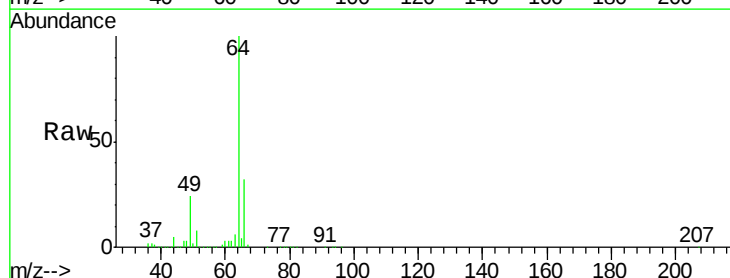
Acq: 04 Dec 2020 12:24

Tgt Ion: 64 Resp: 121293

Ion Ratio Lower Upper

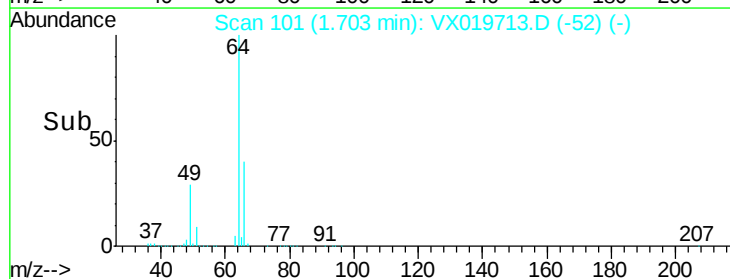
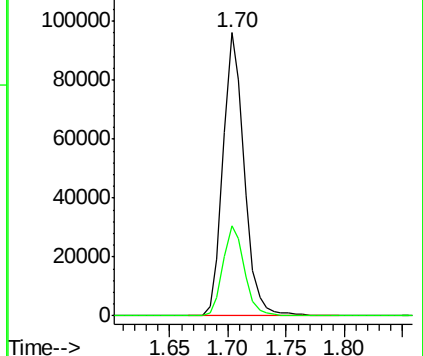
64 100

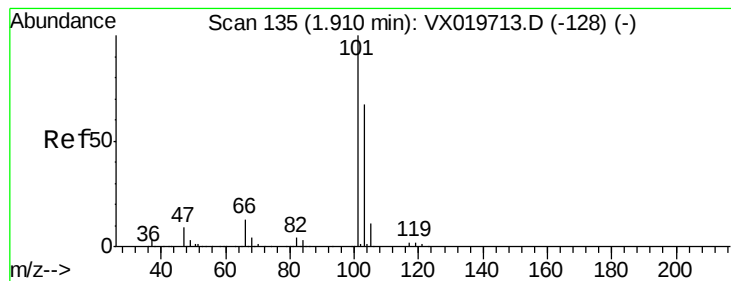
66 31.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



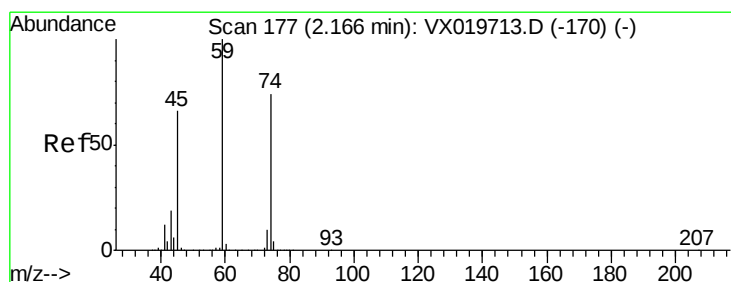
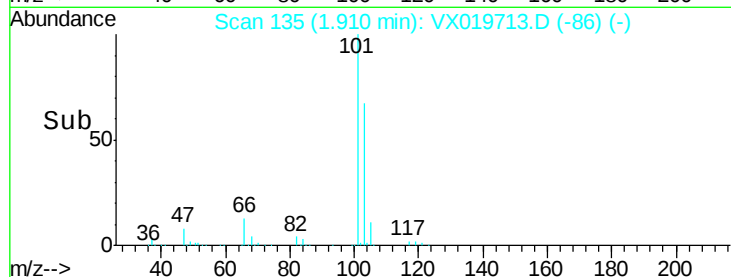
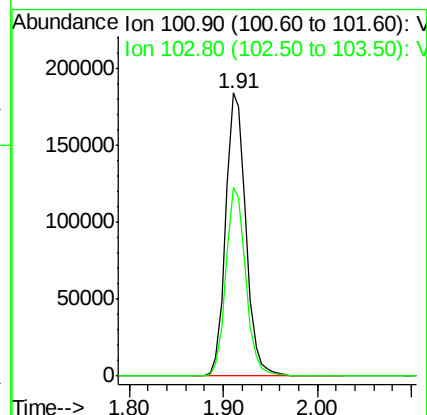
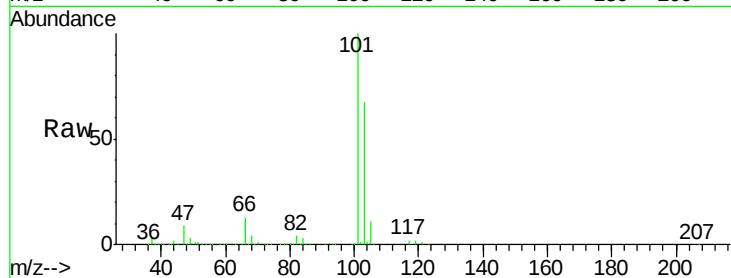


#7

Trichlorofluoromethane
 Concen: 48.219 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

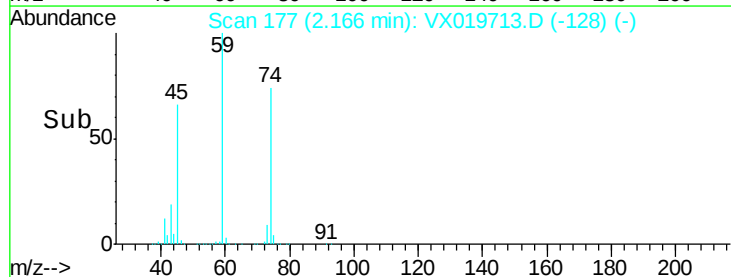
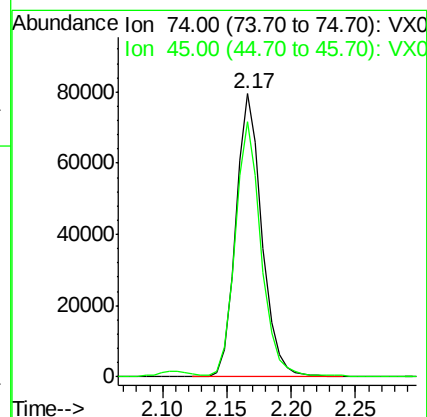
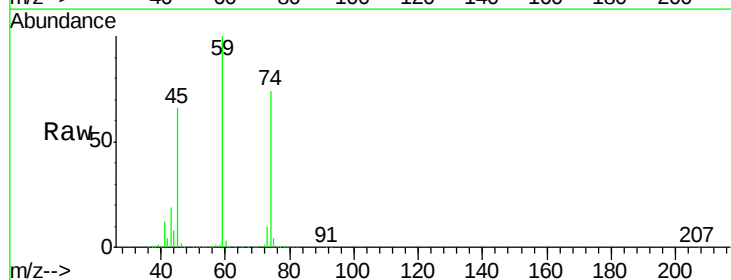
Tgt Ion: 101 Resp: 272404
 Ion Ratio Lower Upper
 101 100
 103 66.5 53.2 79.8

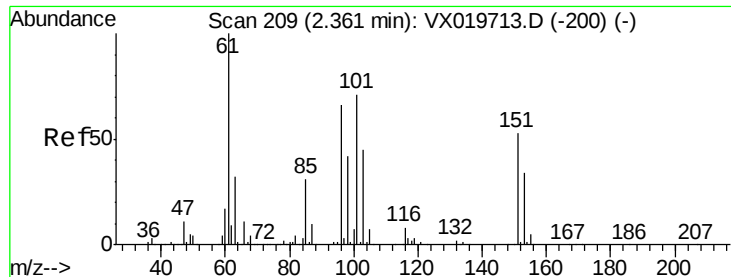


#8

Diethyl Ether
 Concen: 47.421 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 74 Resp: 112606
 Ion Ratio Lower Upper
 74 100
 45 89.0 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.710 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

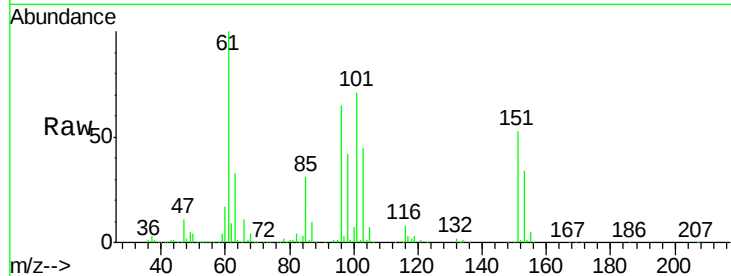
Tgt Ion:101 Resp: 156598

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

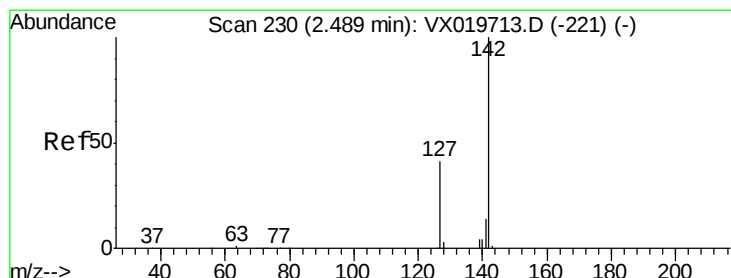
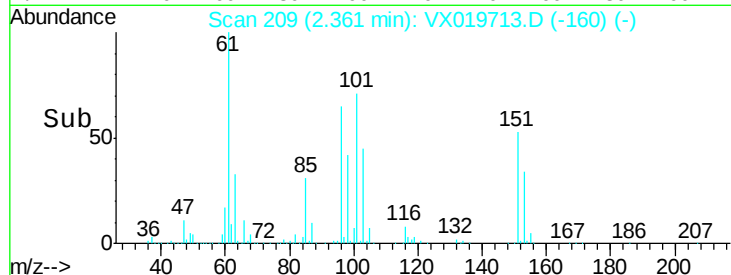
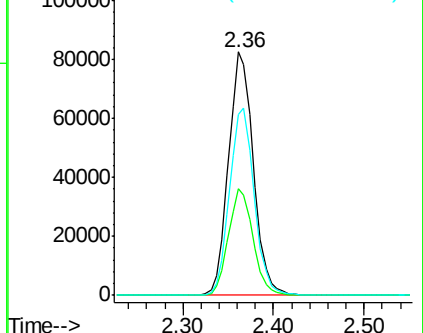
151 76.8 61.4 92.2



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: 50.104 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

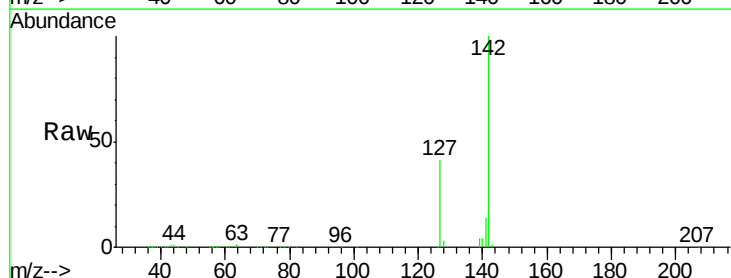
Tgt Ion:142 Resp: 230193

Ion Ratio Lower Upper

142 100

127 41.6 33.3 49.9

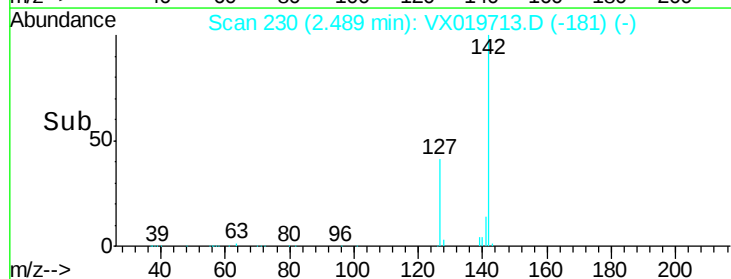
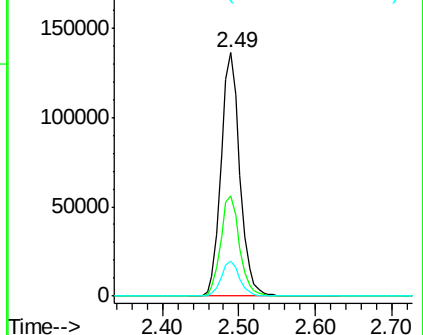
141 14.2 11.4 17.0

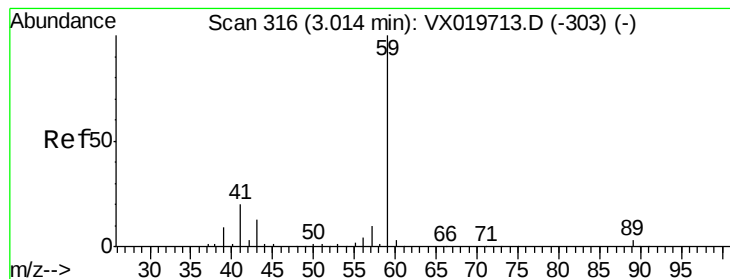


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



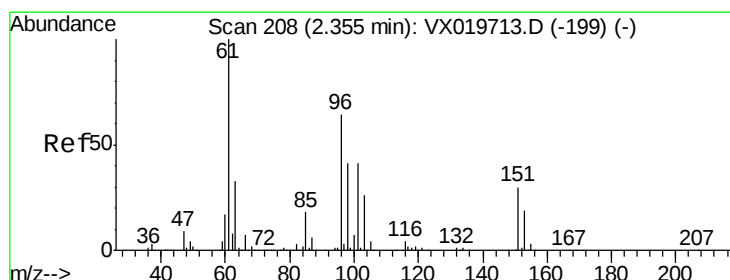
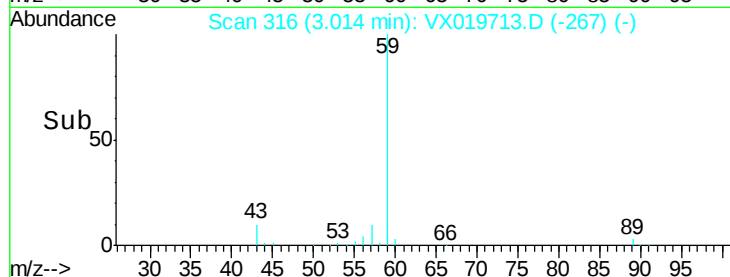
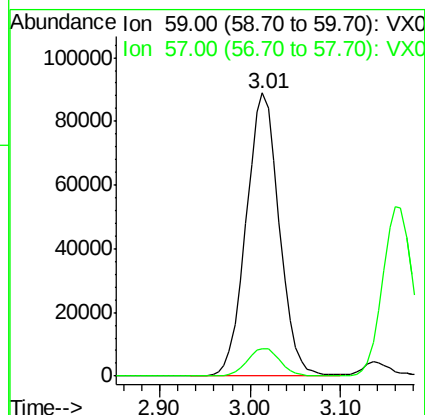
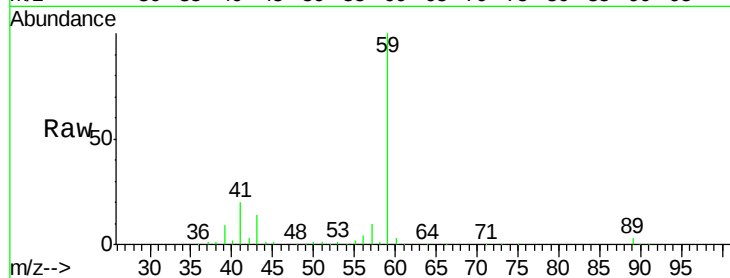


#11

Tert butyl alcohol
Concen: 226.070 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

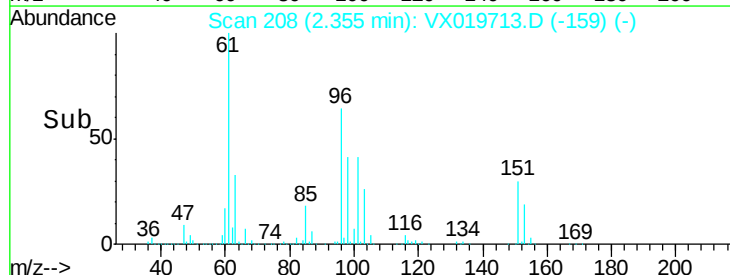
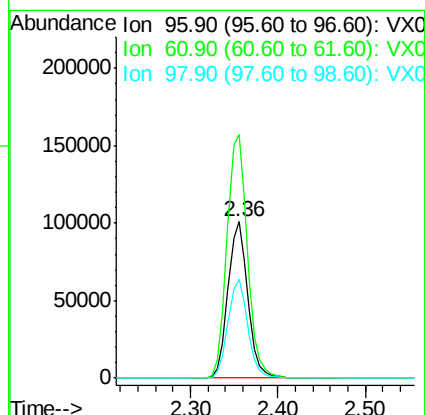
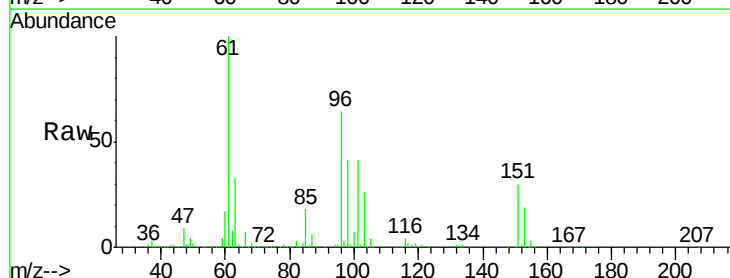
Tgt Ion: 59 Resp: 224805
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8

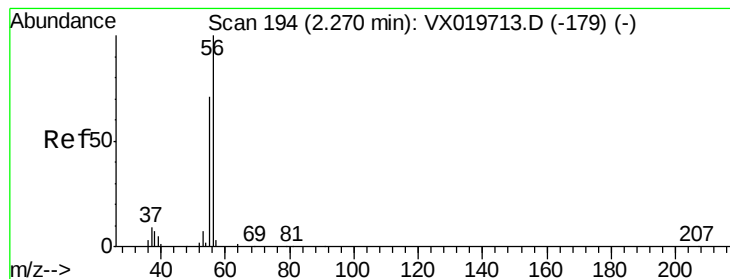


#12

1,1-Dichloroethene
Concen: 47.085 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion: 96 Resp: 158214
Ion Ratio Lower Upper
96 100
61 155.8 124.6 187.0
98 63.3 50.6 76.0





#13

Acrolein

Concen: 204.576 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

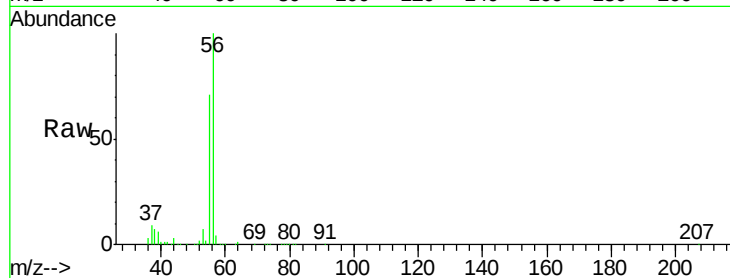
VSTDICCC050

Tgt Ion: 56 Resp: 116953

Ion Ratio Lower Upper

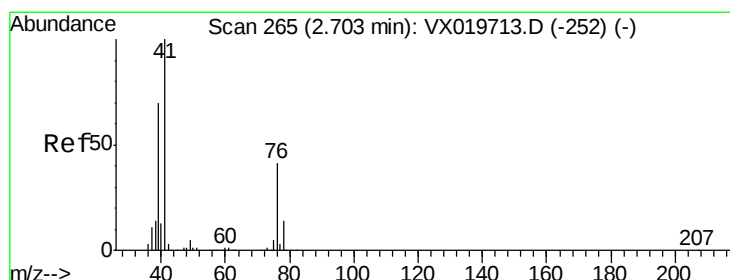
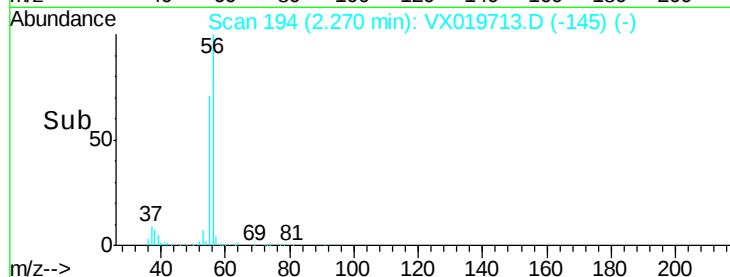
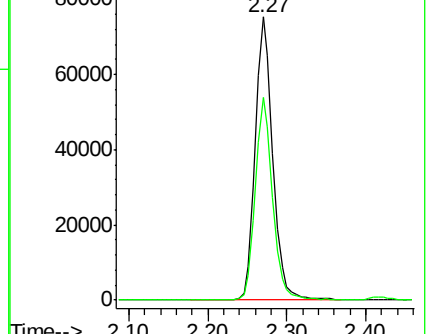
56 100

55 70.5 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.602 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

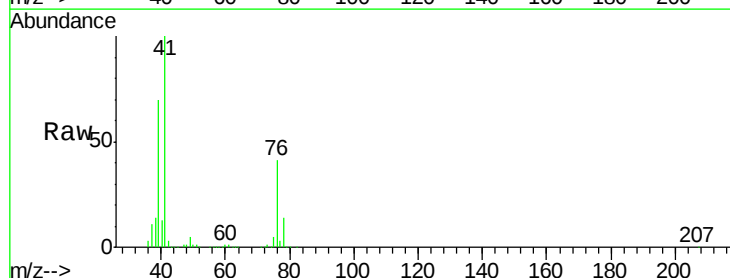
Tgt Ion: 41 Resp: 262575

Ion Ratio Lower Upper

41 100

39 64.5 51.6 77.4

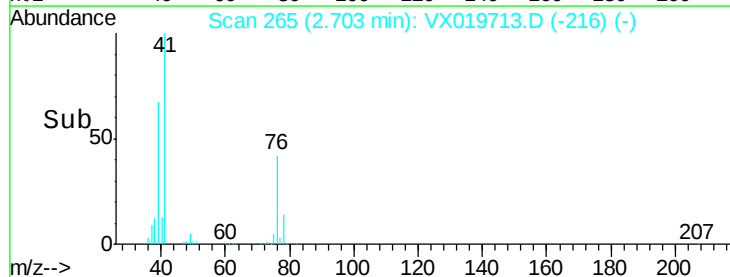
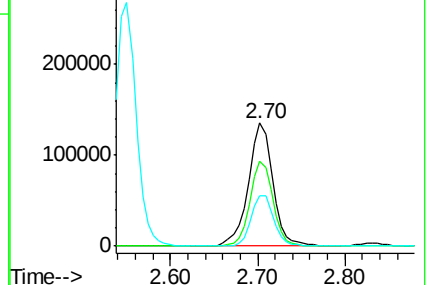
76 38.1 30.5 45.7

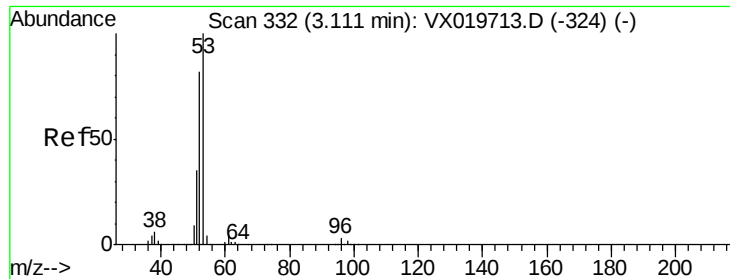


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 241.053 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

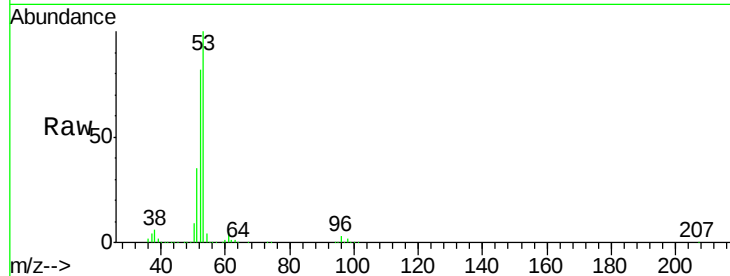
Tgt Ion: 53 Resp: 500992

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

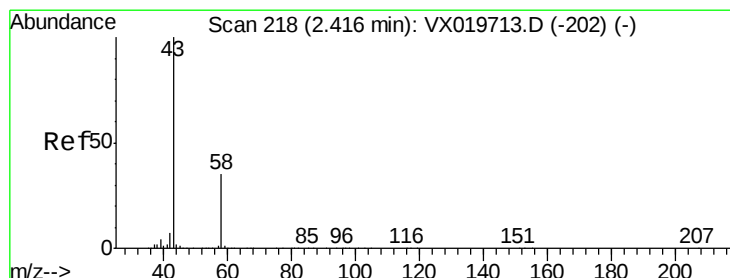
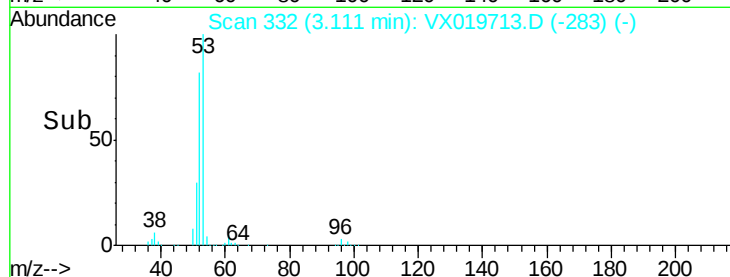
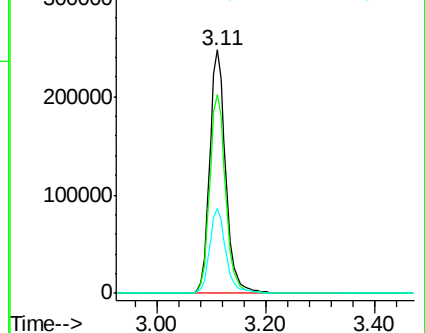
51 35.2 28.2 42.2



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: 233.831 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019713.D

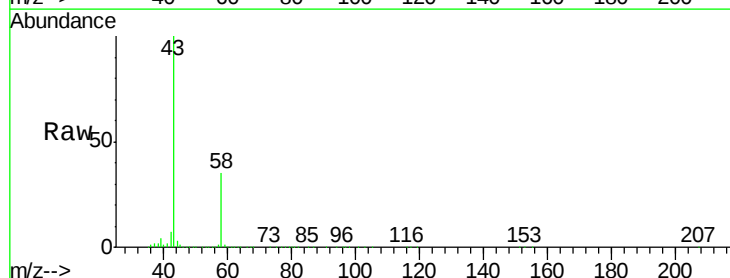
Acq: 04 Dec 2020 12:24

Tgt Ion: 43 Resp: 422382

Ion Ratio Lower Upper

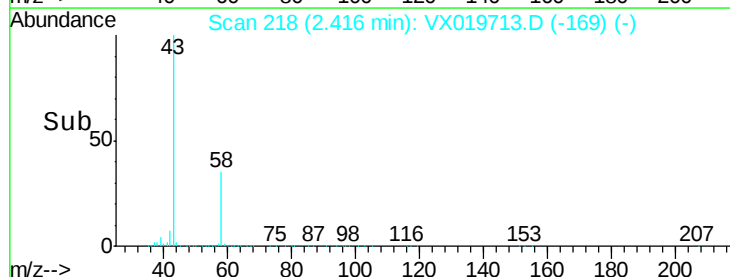
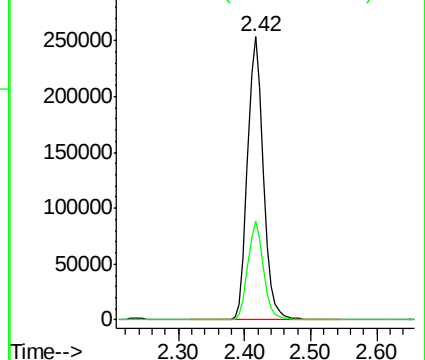
43 100

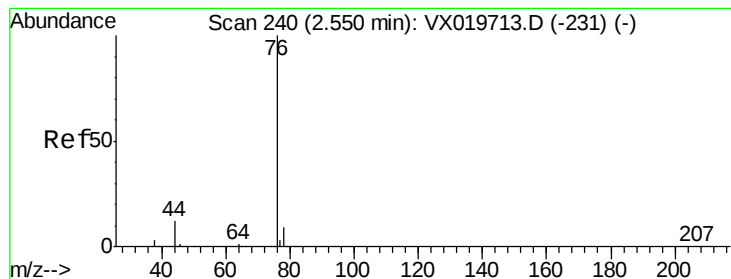
58 34.8 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.711 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

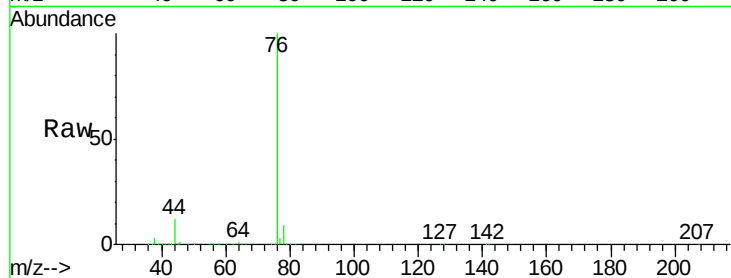
VSTDICCC050

Tgt Ion: 76 Resp: 443976

Ion Ratio Lower Upper

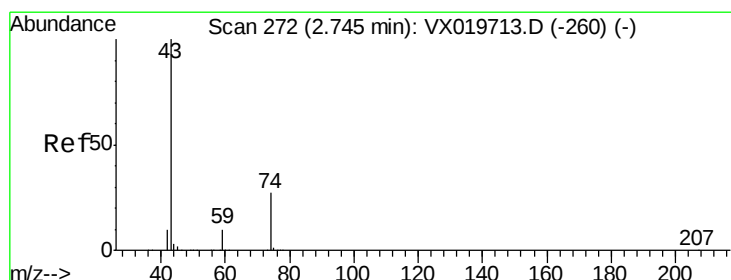
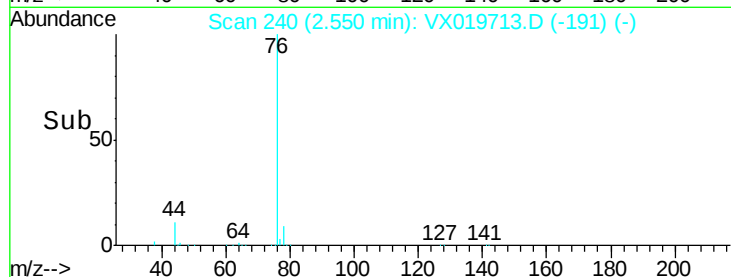
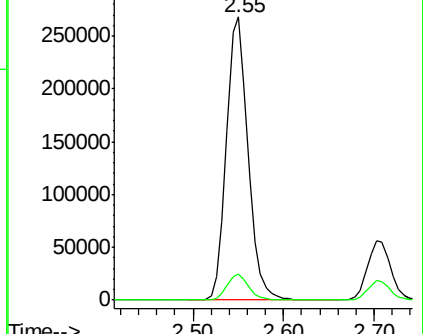
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.844 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019713.D

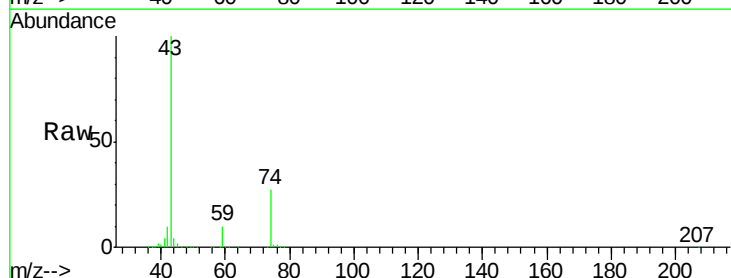
Acq: 04 Dec 2020 12:24

Tgt Ion: 43 Resp: 208022

Ion Ratio Lower Upper

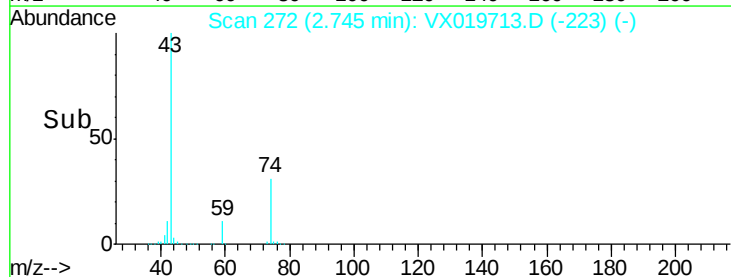
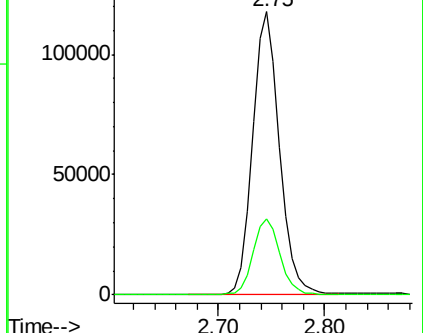
43 100

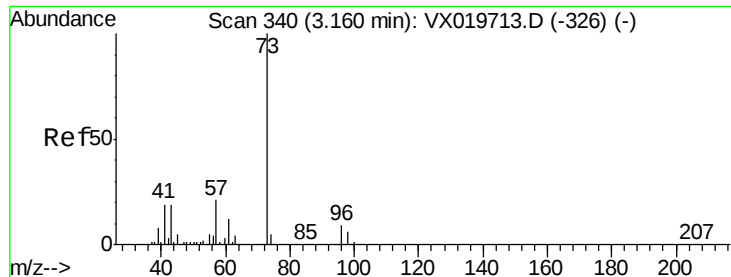
74 27.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 48.675 ug/l

RT: 3.16 min Scan# 340

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampled :

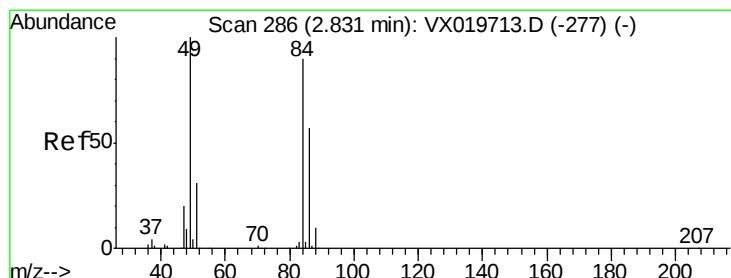
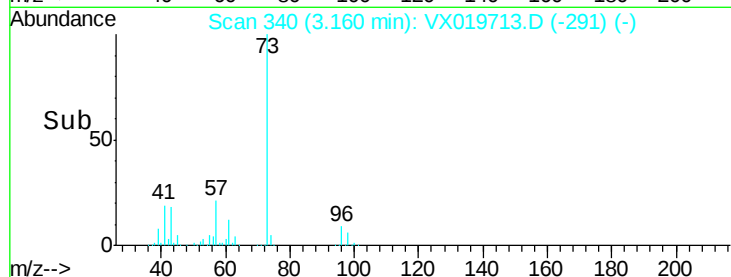
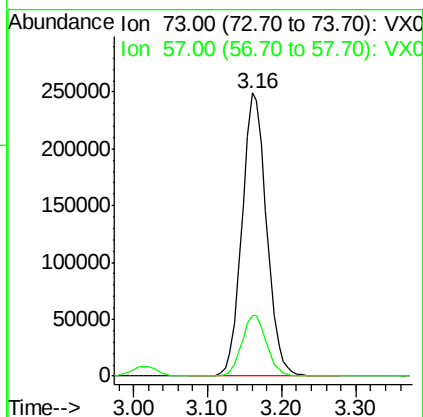
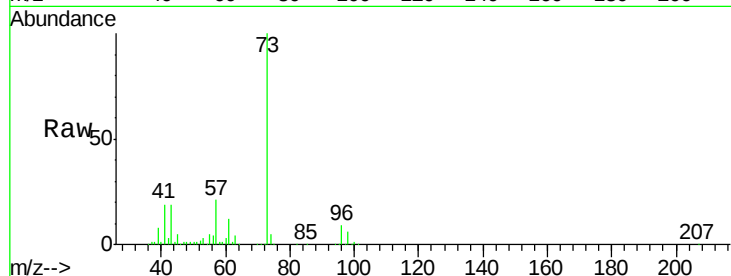
VSTDICCC050

Tgt Ion: 73 Resp: 576635

Ion Ratio Lower Upper

73 100

57 21.4 17.1 25.7



#20

Methylene Chloride

Concen: 42.815 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Tgt Ion: 84 Resp: 197586

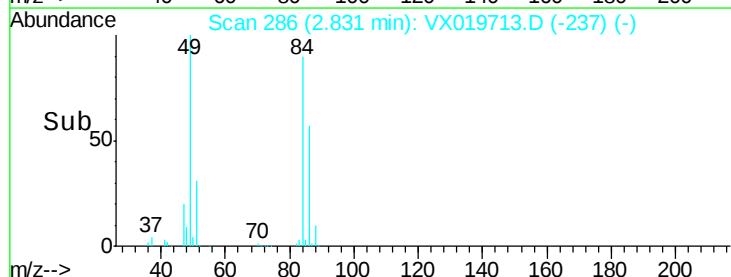
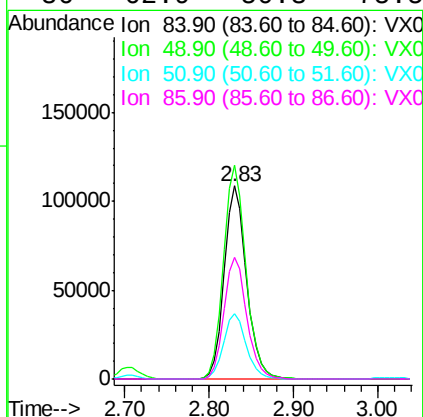
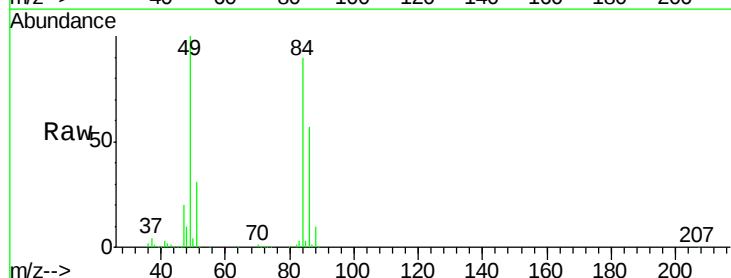
Ion Ratio Lower Upper

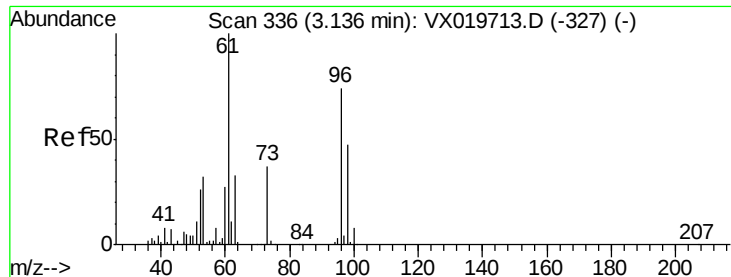
84 100

49 110.7 88.6 132.8

51 33.8 27.0 40.6

86 62.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 48.449 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

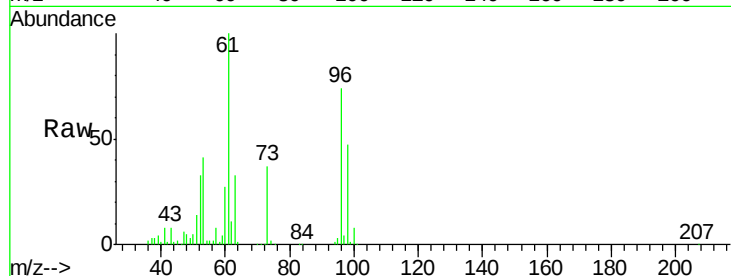
Tgt Ion: 96 Resp: 183954

Ion Ratio Lower Upper

96 100

61 134.6 107.7 161.5

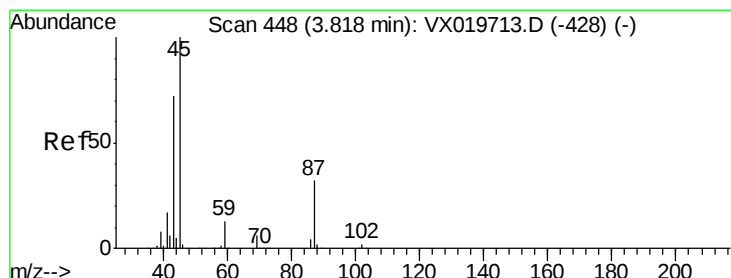
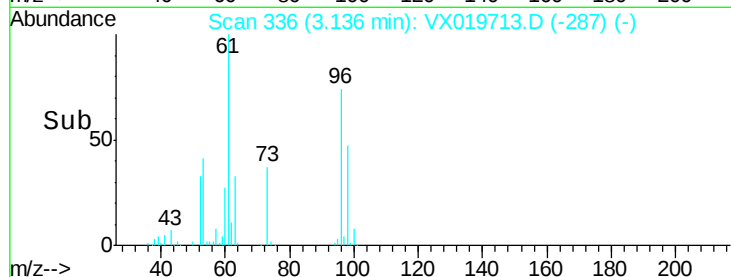
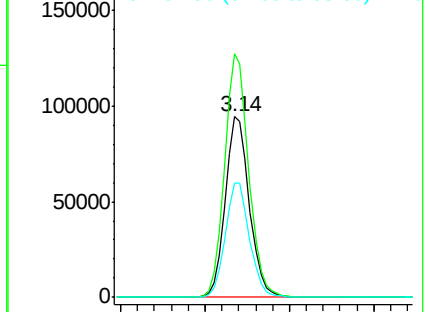
98 63.0 50.4 75.6



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: 48.429 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Tgt Ion: 45 Resp: 541751

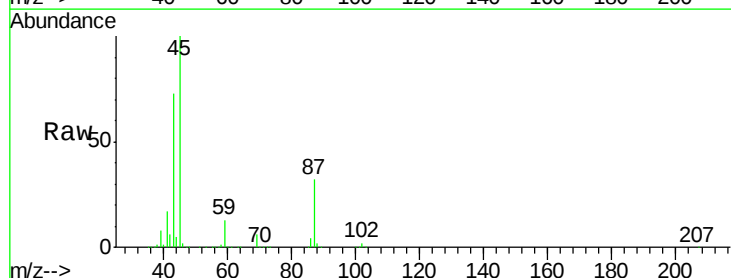
Ion Ratio Lower Upper

45 100

43 72.5 58.0 87.0

87 31.7 25.4 38.0

59 12.7 10.2 15.2

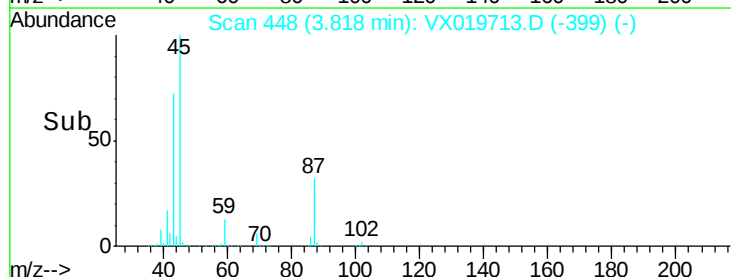
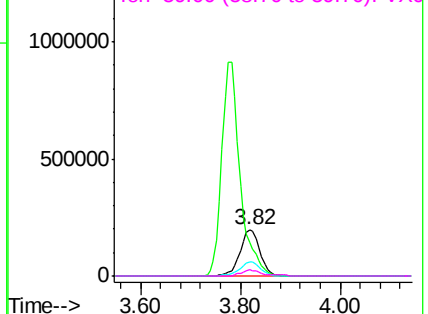


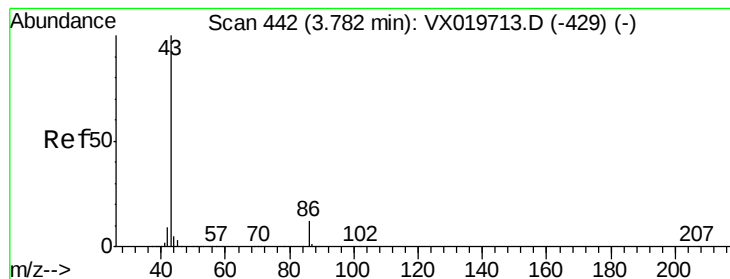
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 248.171 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

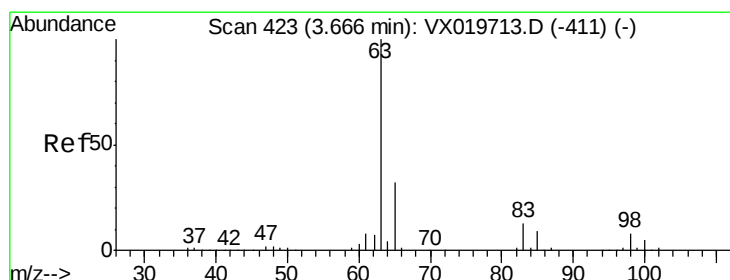
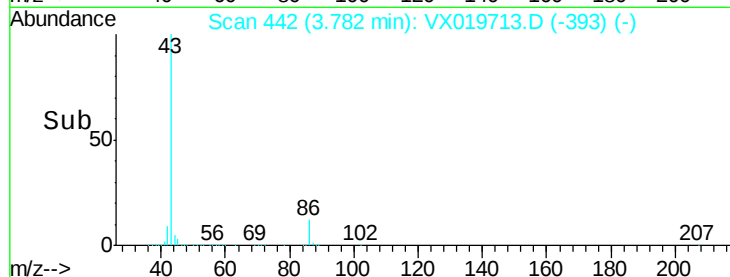
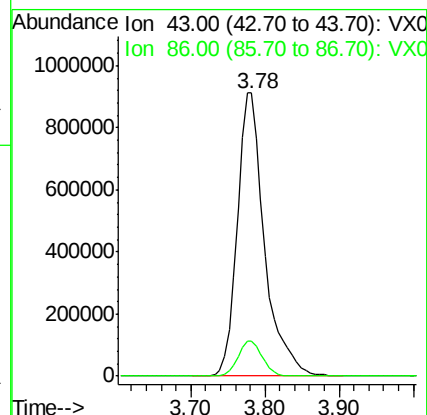
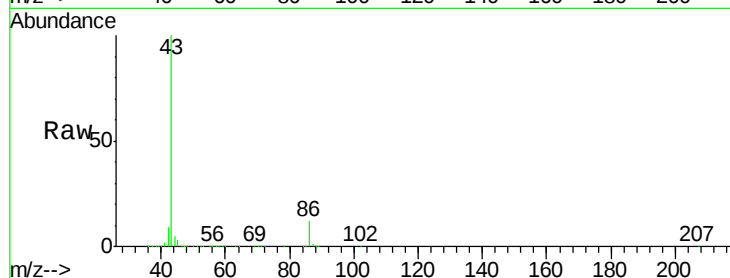
VSTDICCC050

Tgt Ion: 43 Resp: 2337648

Ion Ratio Lower Upper

43 100

86 12.4 9.9 14.9



#24

1,1-Dichloroethane

Concen: 47.557 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

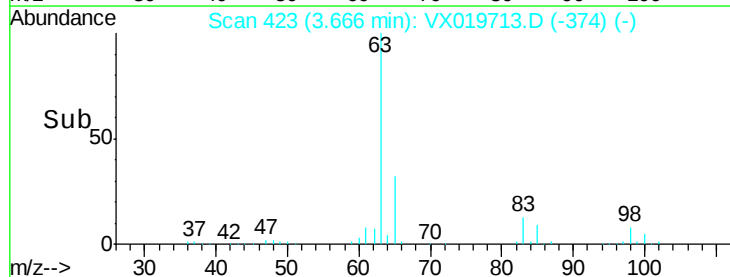
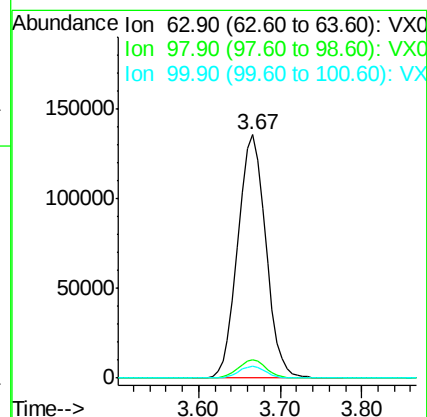
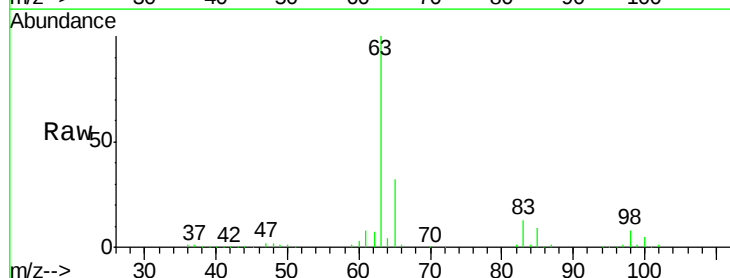
Tgt Ion: 63 Resp: 322292

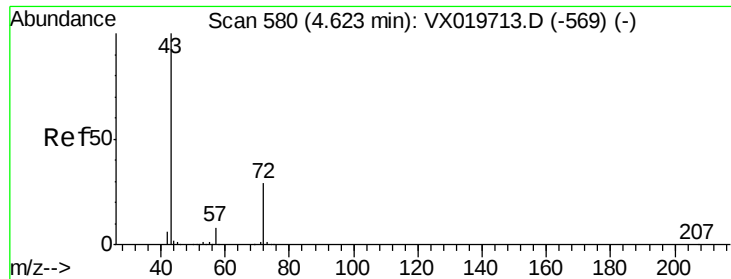
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 241.729 ug/l

RT: 4.62 min Scan# 580

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

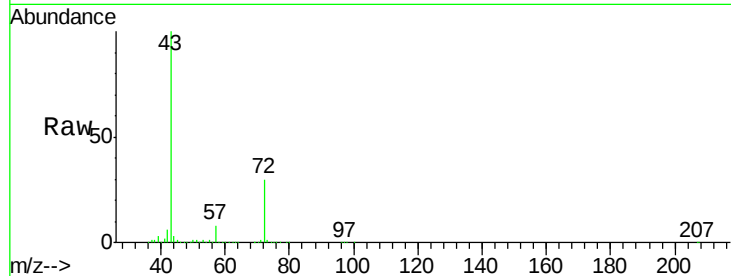
VSTDICCC050

Tgt Ion: 43 Resp: 645351

Ion Ratio Lower Upper

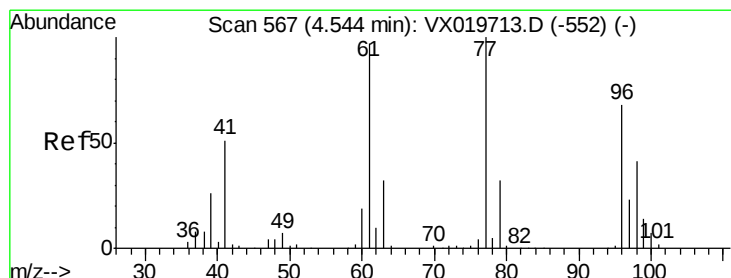
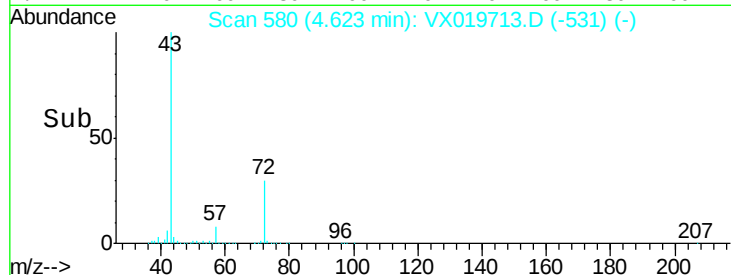
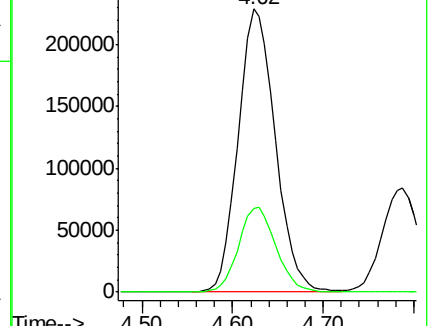
43 100

72 29.6 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.457 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019713.D

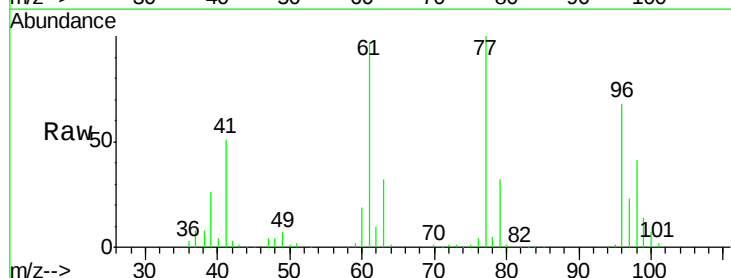
Acq: 04 Dec 2020 12:24

Tgt Ion: 77 Resp: 279778

Ion Ratio Lower Upper

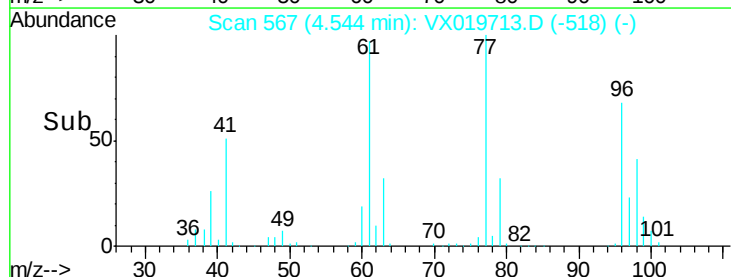
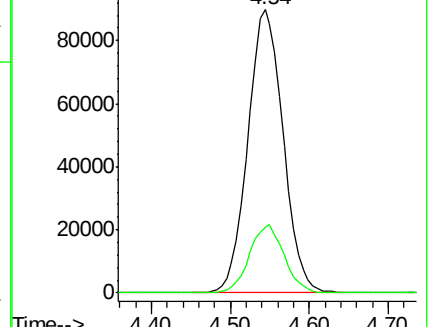
77 100

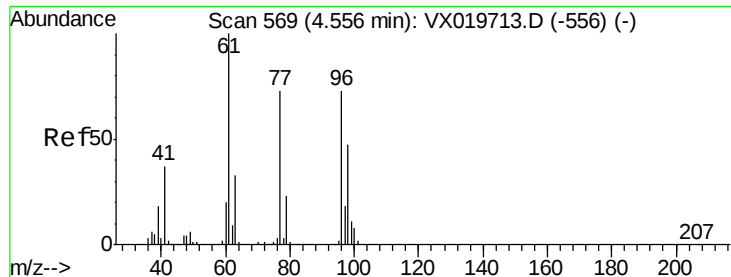
97 23.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



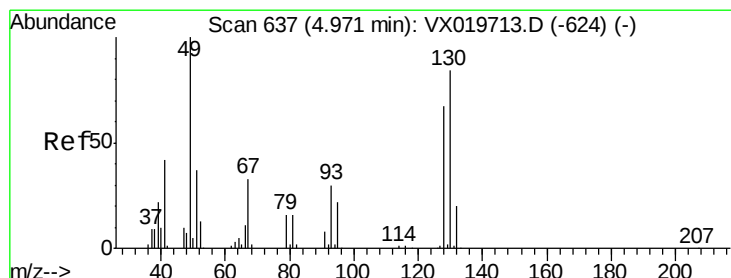
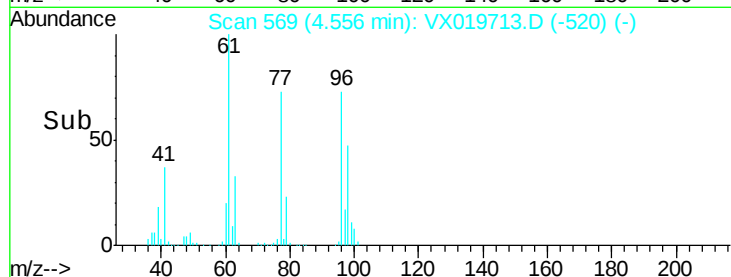
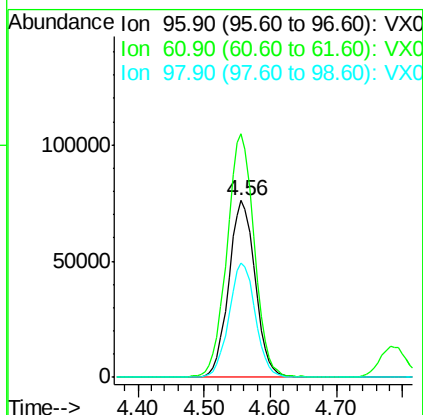
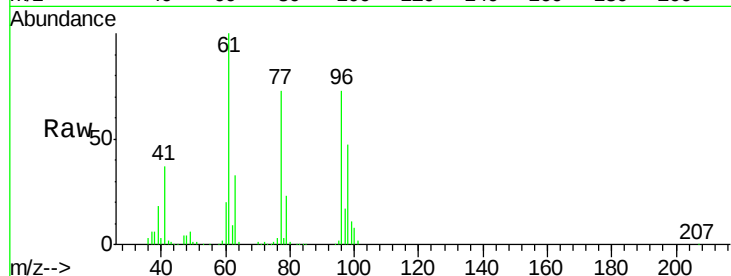


#27

cis-1,2-Dichloroethene
Concen: 47.657 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

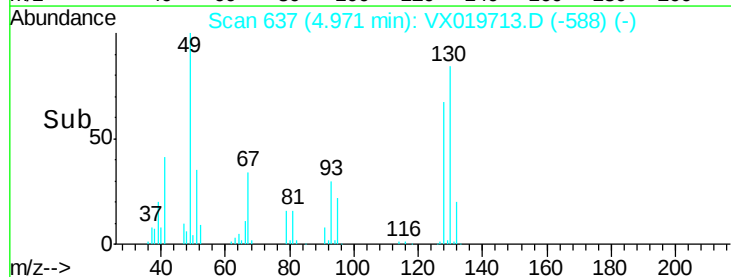
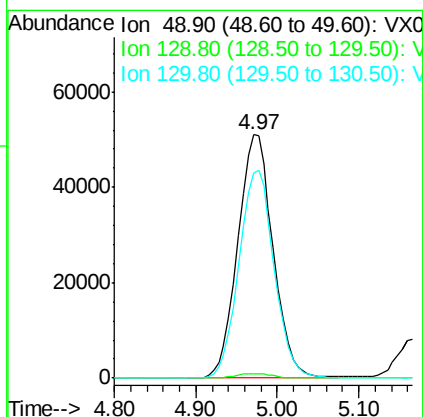
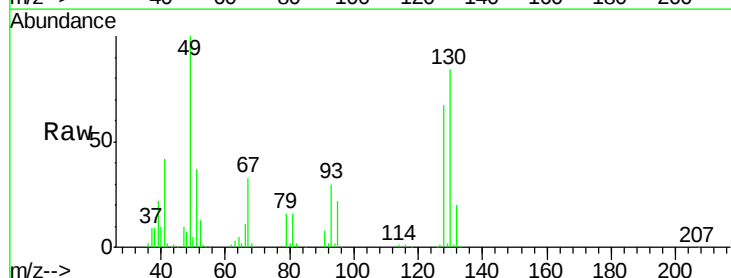
Tgt Ion: 96 Resp: 210800
Ion Ratio Lower Upper
96 100
61 142.8 0.0 285.6
98 64.8 0.0 129.6

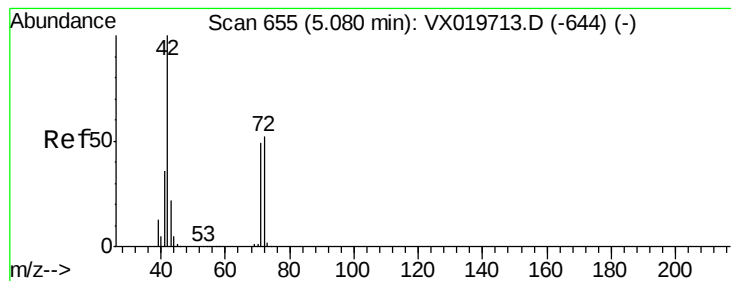


#28

Bromochloromethane
Concen: 49.632 ug/l
RT: 4.97 min Scan# 637
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion: 49 Resp: 153315
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 85.2 68.2 102.2





#29

Tetrahydrofuran

Concen: 242.023 ug/l

RT: 5.08 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

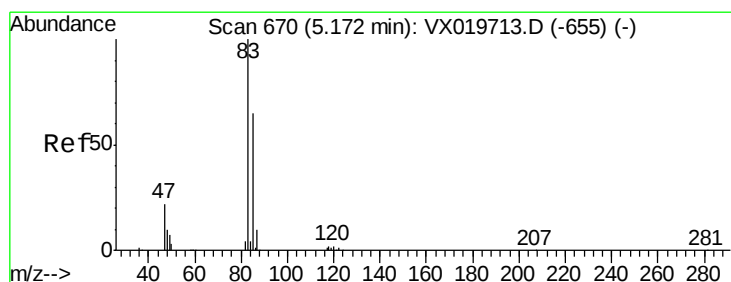
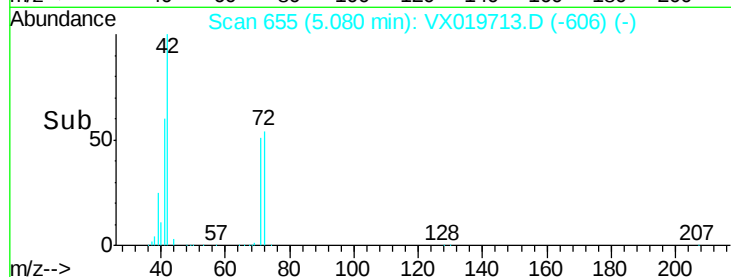
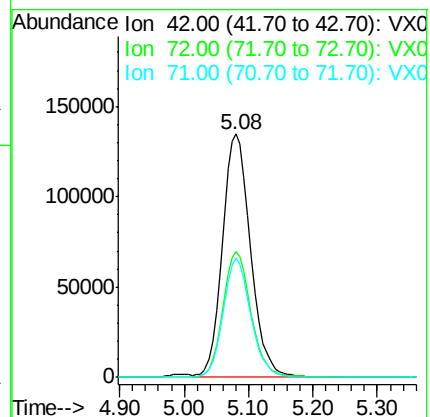
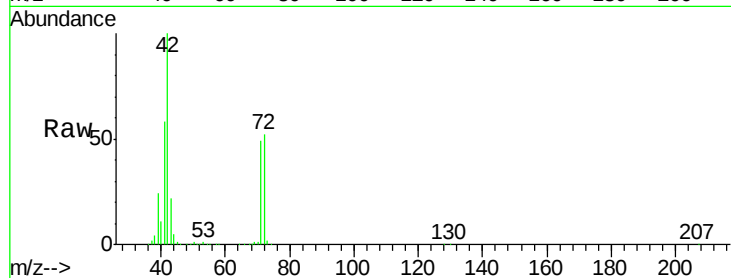
Tgt Ion: 42 Resp: 413225

Ion Ratio Lower Upper

42 100

72 52.1 41.7 62.5

71 48.0 38.4 57.6



#30

Chloroform

Concen: 47.754 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX019713.D

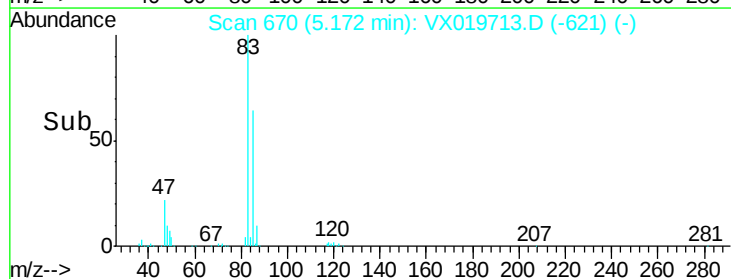
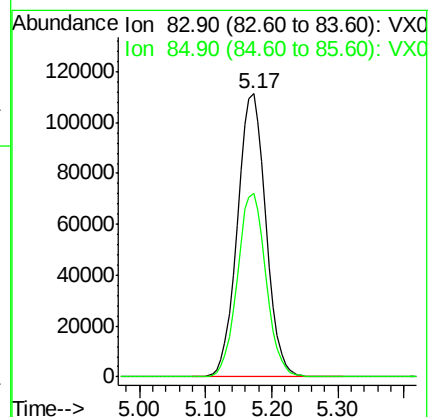
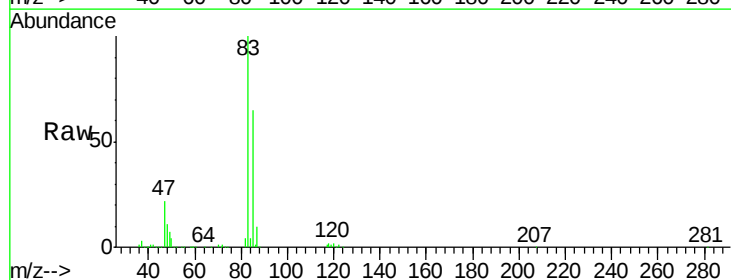
Acq: 04 Dec 2020 12:24

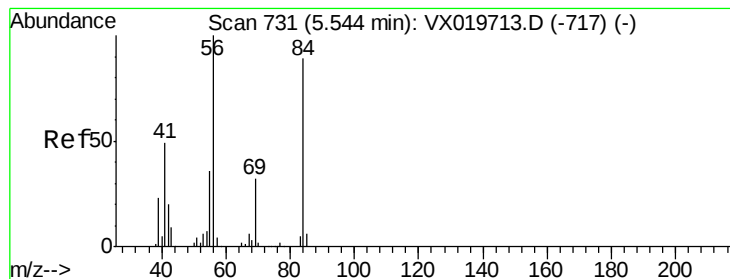
Tgt Ion: 83 Resp: 332439

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0





#31

Cyclohexane

Concen: 48.384 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

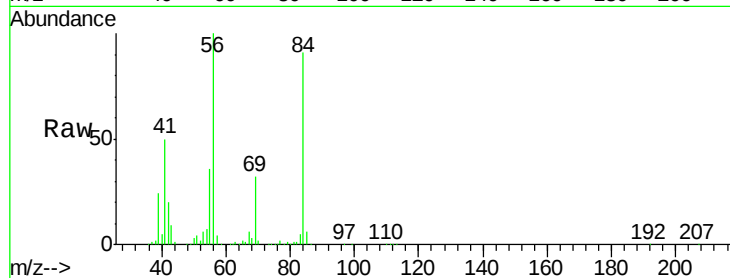
Tgt Ion: 56 Resp: 286664

Ion Ratio Lower Upper

56 100

69 31.6 25.3 37.9

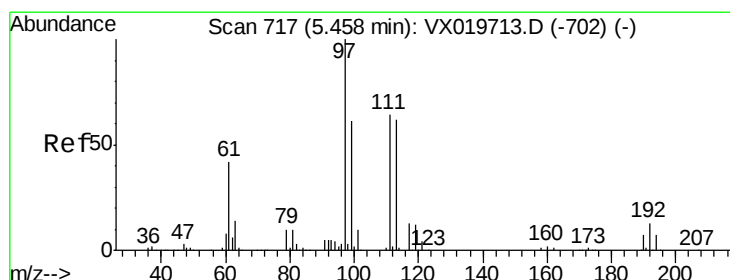
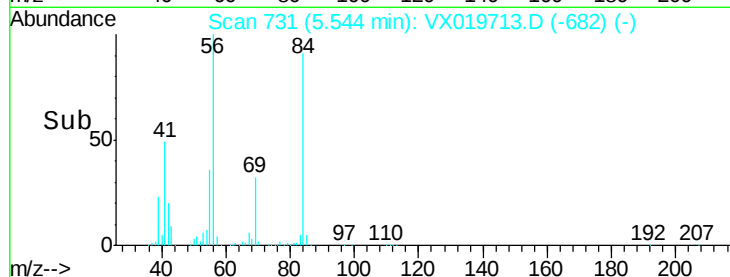
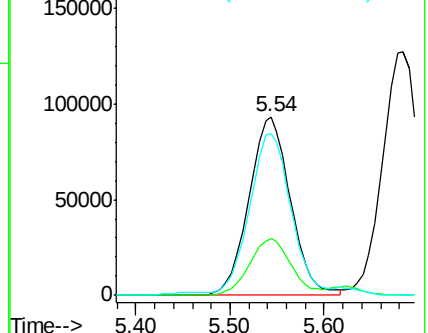
84 89.2 71.4 107.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.804 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

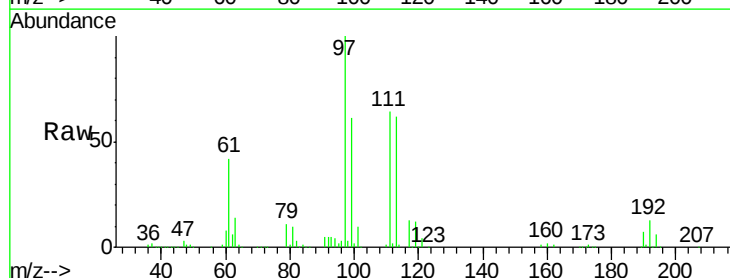
Tgt Ion: 97 Resp: 290064

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

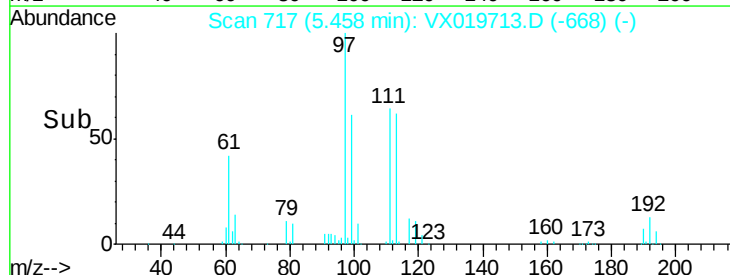
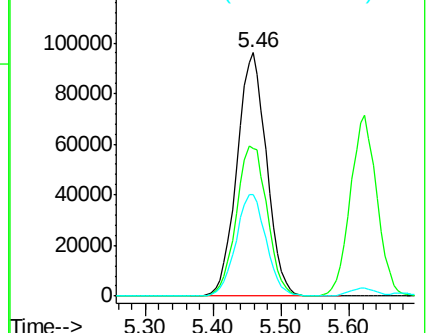
61 42.8 34.2 51.4

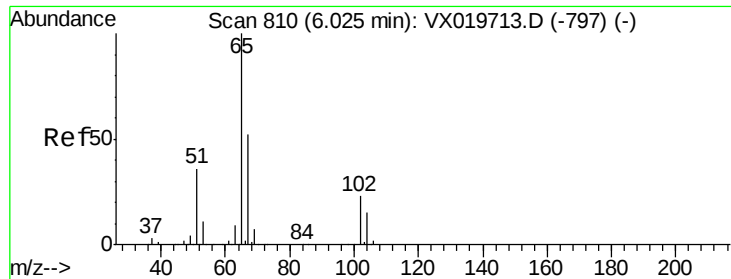


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

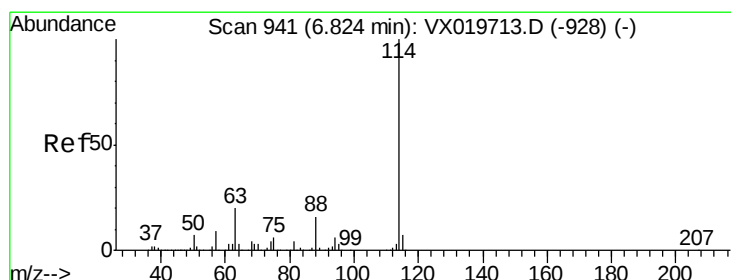
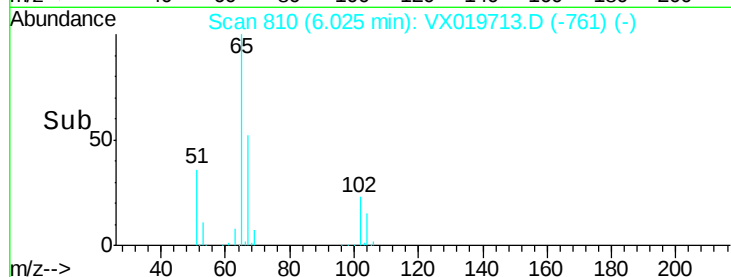
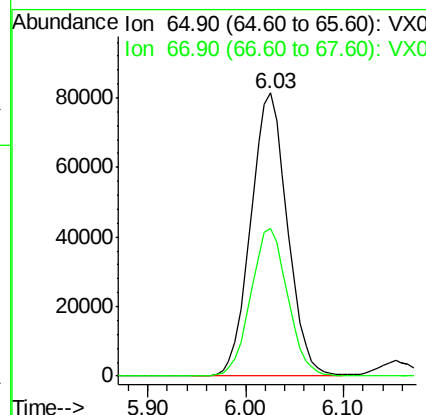
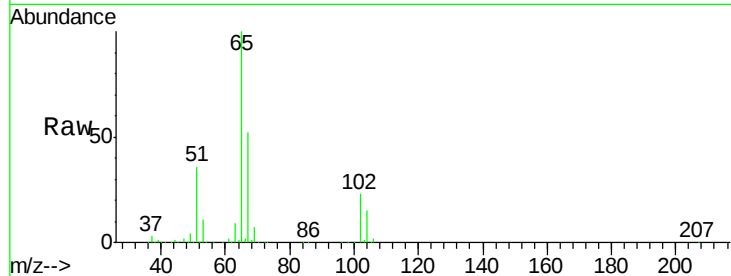




#33
 1,2-Dichloroethane-d4
 Concen: 47.108 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

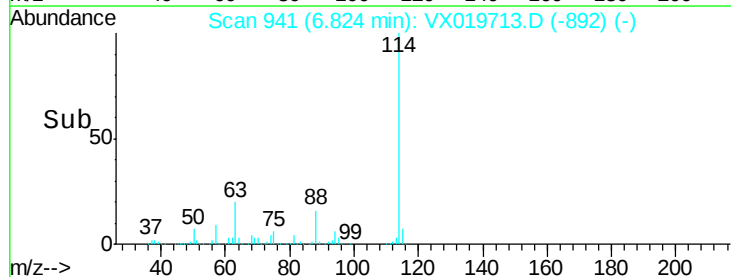
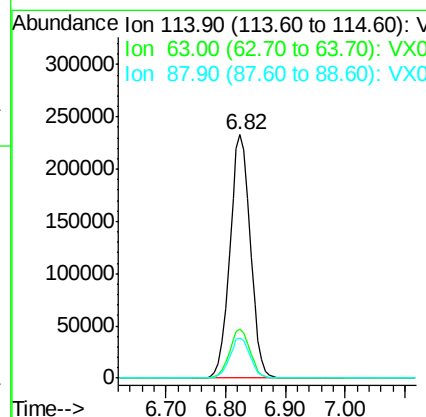
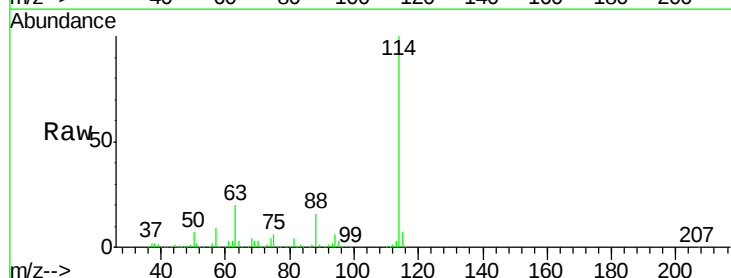
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

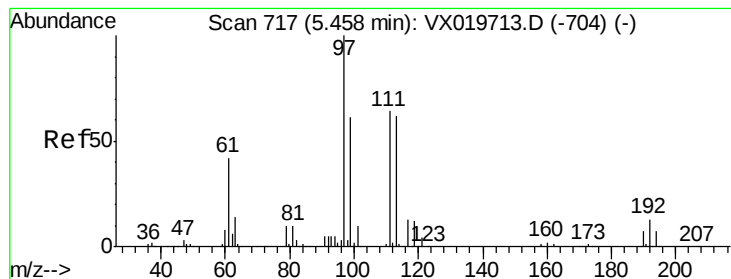
Tgt Ion: 65 Resp: 211211
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 114 Resp: 553084
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.796 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

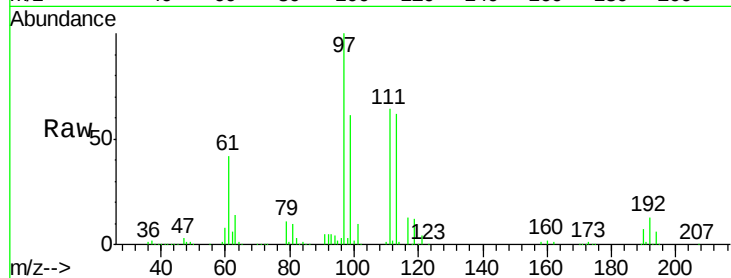
Tgt Ion:113 Resp: 173168

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

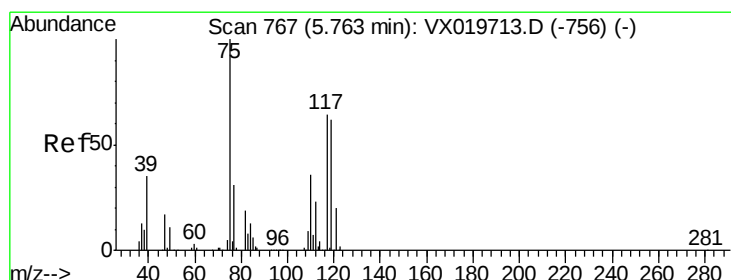
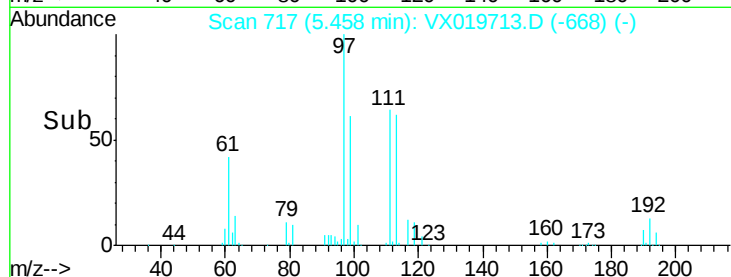
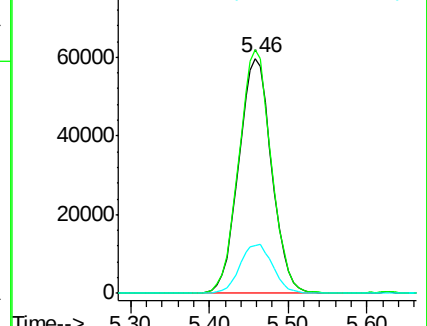
192 20.9 16.7 25.1



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: 48.820 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

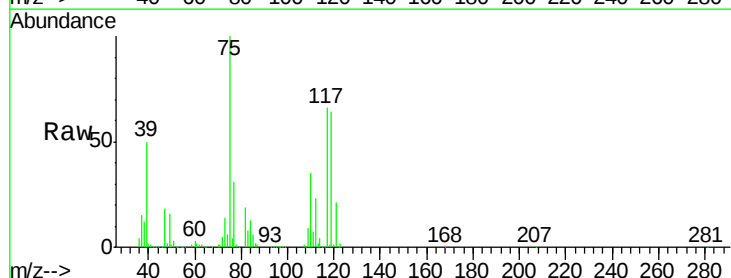
Tgt Ion: 75 Resp: 249647

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

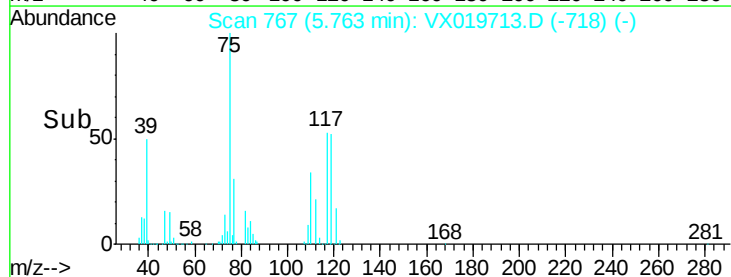
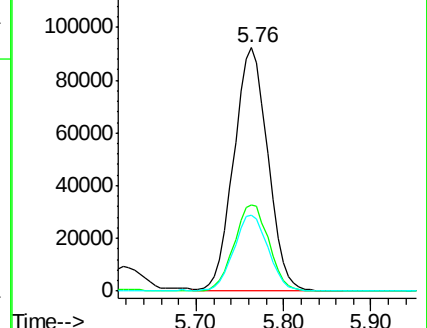
77 31.6 25.3 37.9

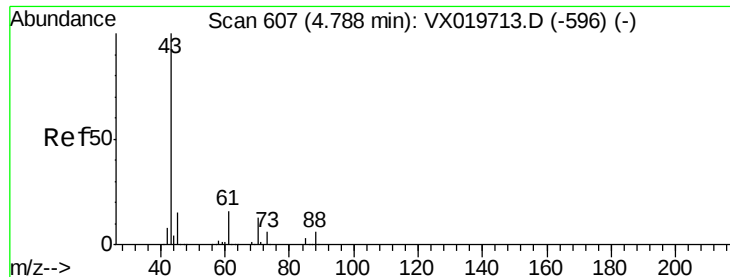


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

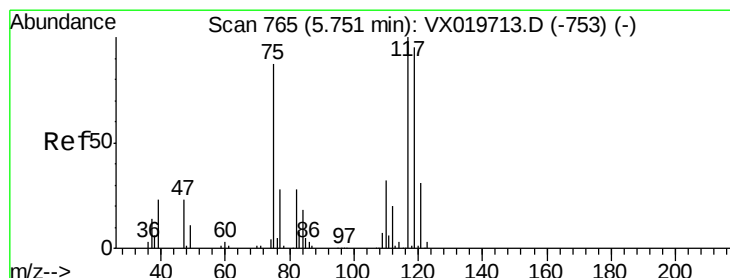
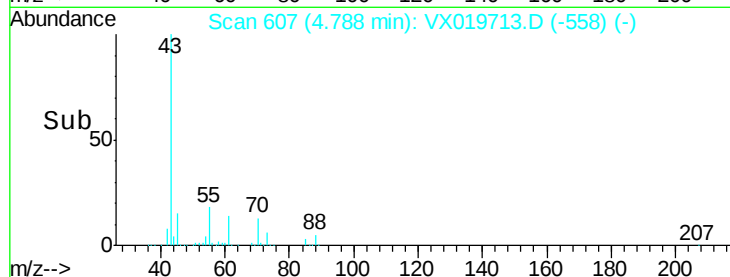
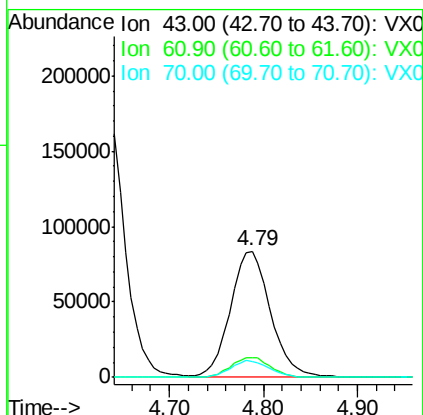
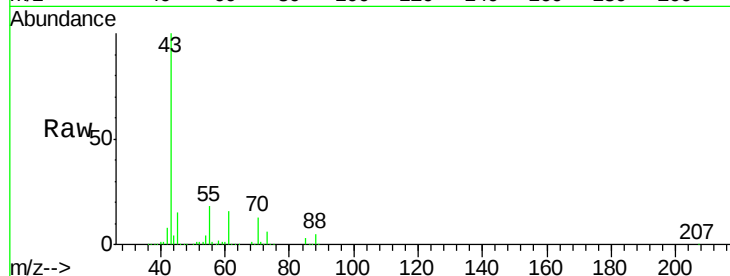




#37
Ethyl Acetate
Concen: 48.015 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

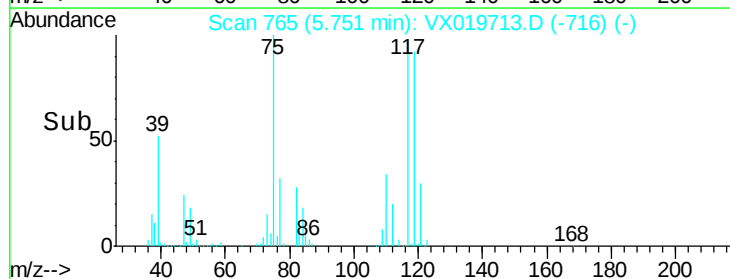
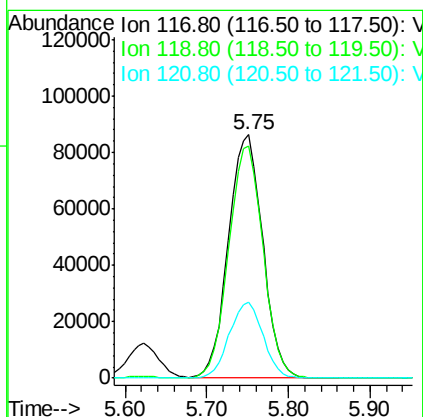
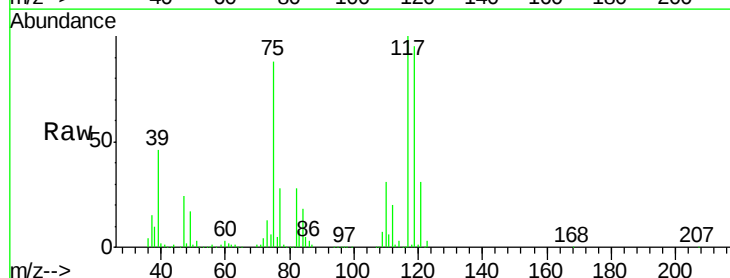
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

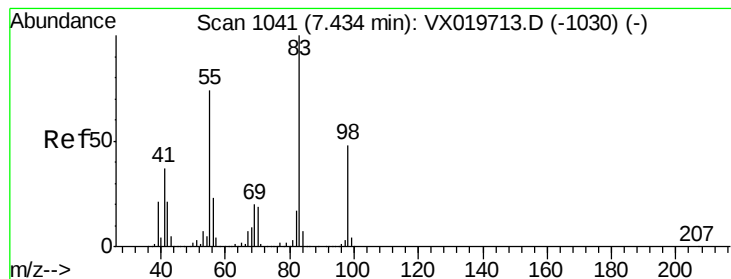
Tgt Ion: 43 Resp: 245895
Ion Ratio Lower Upper
43 100
61 16.0 12.8 19.2
70 13.1 10.5 15.7



#38
Carbon Tetrachloride
Concen: 49.453 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion: 117 Resp: 251115
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 50.376 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

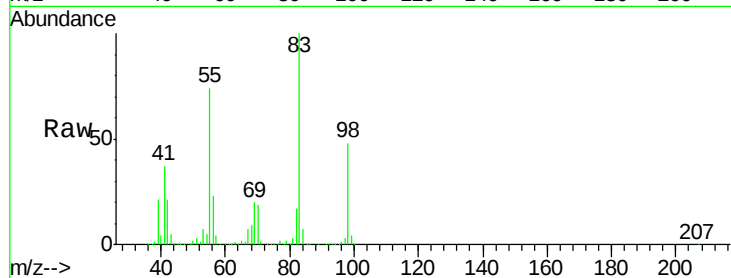
Tgt Ion: 83 Resp: 302764

Ion Ratio Lower Upper

83 100

55 73.6 58.9 88.3

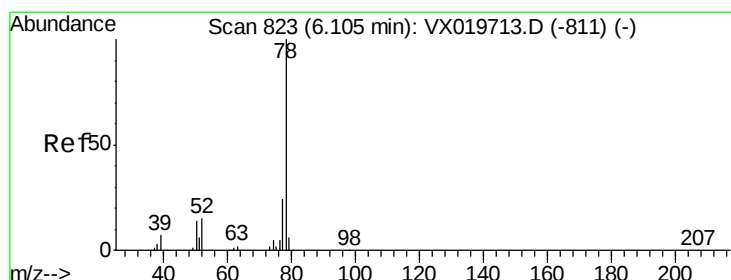
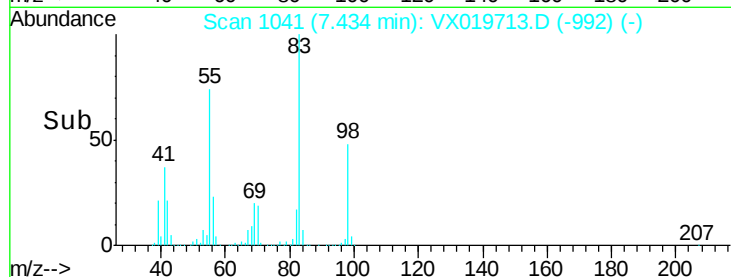
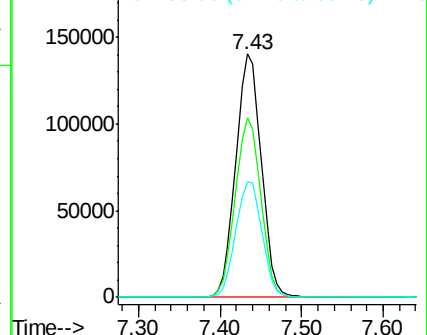
98 47.6 38.1 57.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 47.920 ug/l

RT: 6.10 min Scan# 823

Delta R.T. 0.00 min

Lab File: VX019713.D

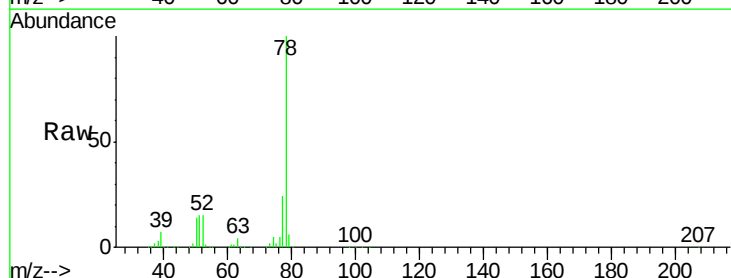
Acq: 04 Dec 2020 12:24

Tgt Ion: 78 Resp: 764149

Ion Ratio Lower Upper

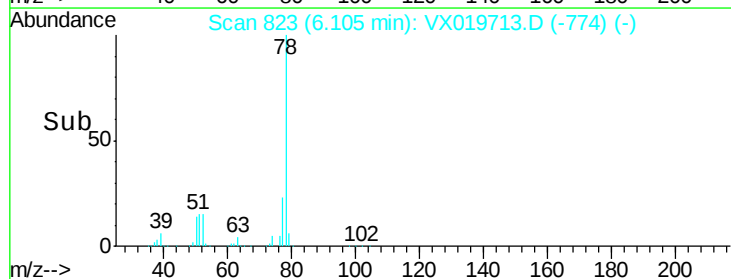
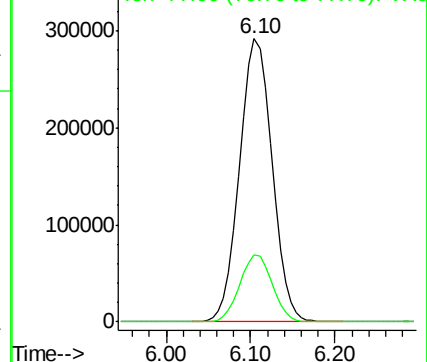
78 100

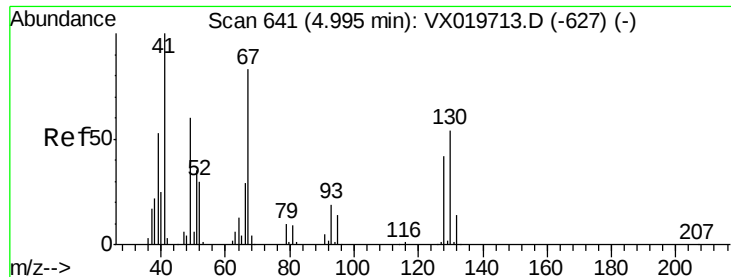
77 23.6 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

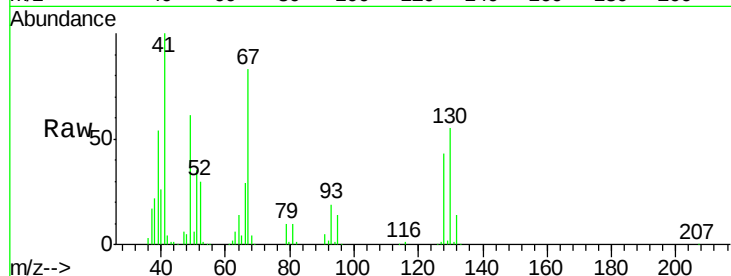




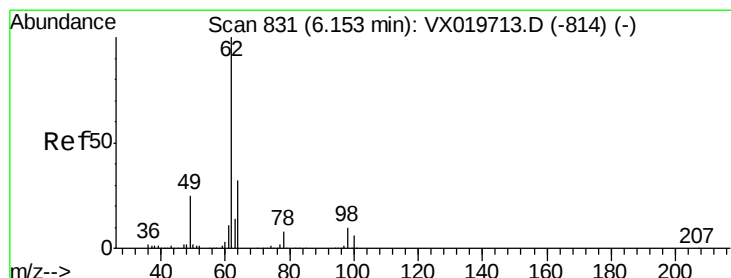
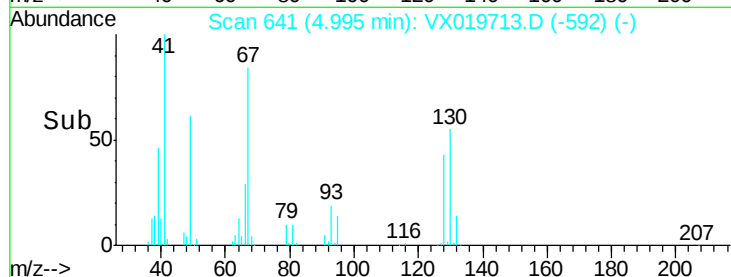
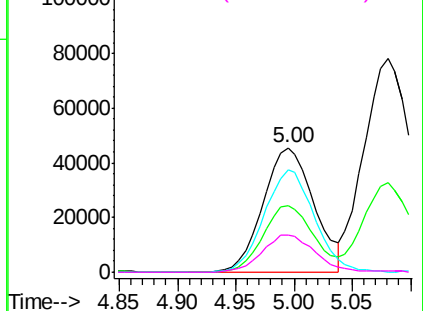
#41
Methacrylonitrile
Concen: 48.625 ug/l
RT: 5.00 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	137813
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.5	63.7
67	81.3	65.0	97.6
52	31.6	25.3	37.9

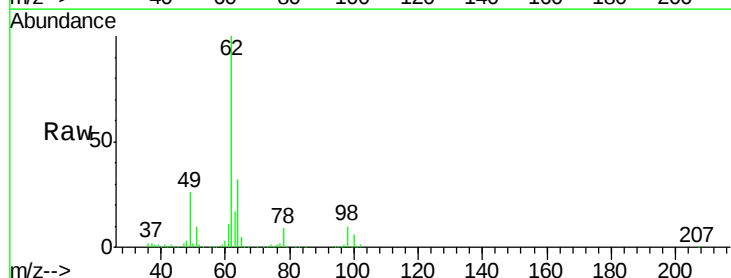


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

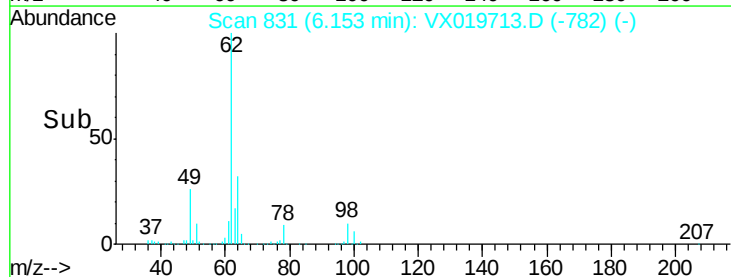
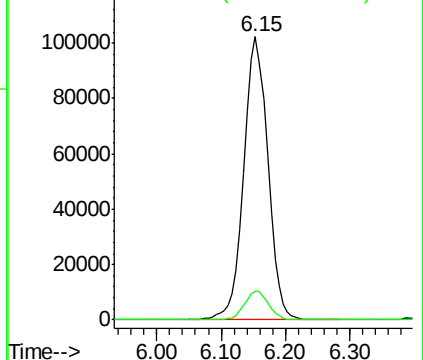


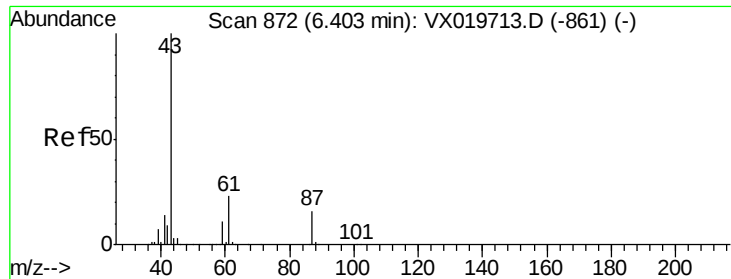
#42
1,2-Dichloroethane
Concen: 48.061 ug/l
RT: 6.15 min Scan# 831
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion:	62	Resp:	263285
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 47.792 ug/l

RT: 6.40 min Scan# 872

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

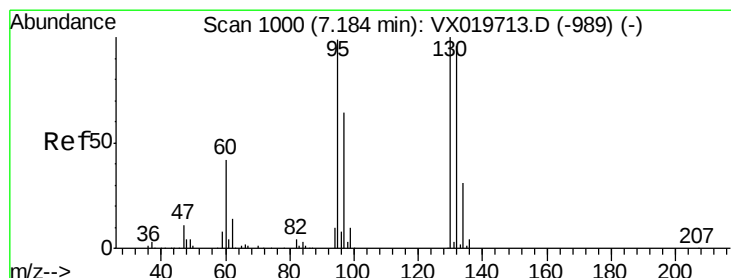
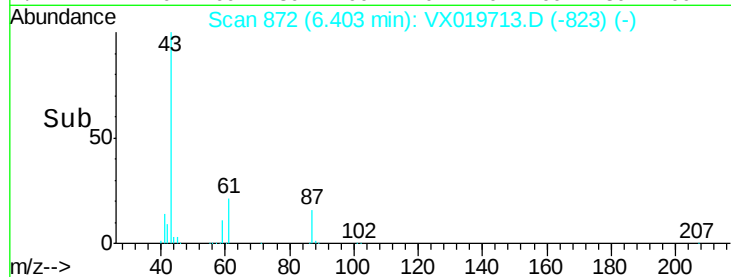
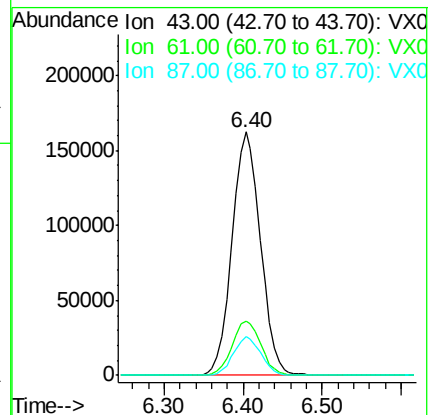
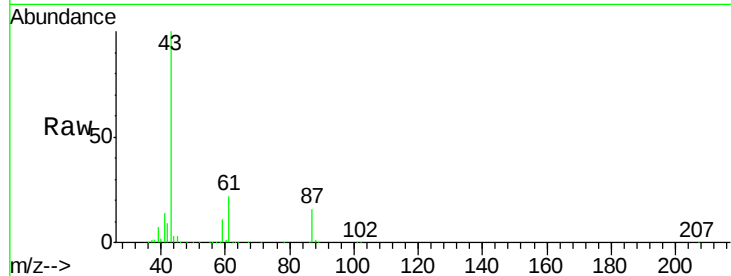
Tgt Ion: 43 Resp: 405198

Ion Ratio Lower Upper

43 100

61 22.8 18.2 27.4

87 15.6 12.5 18.7



#44

Trichloroethene

Concen: 48.358 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019713.D

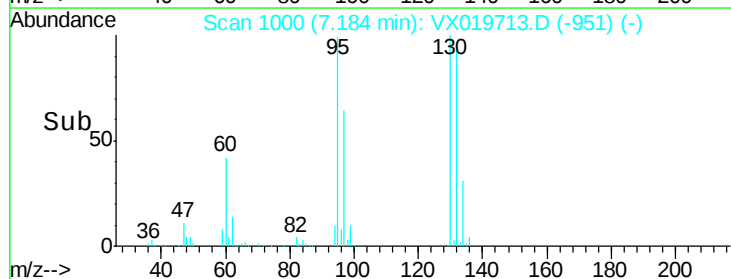
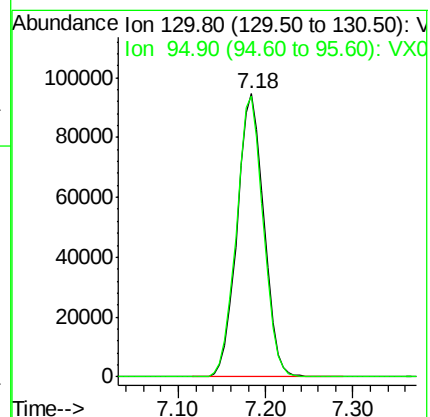
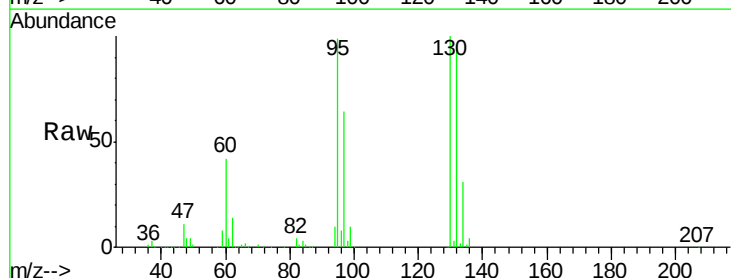
Acq: 04 Dec 2020 12:24

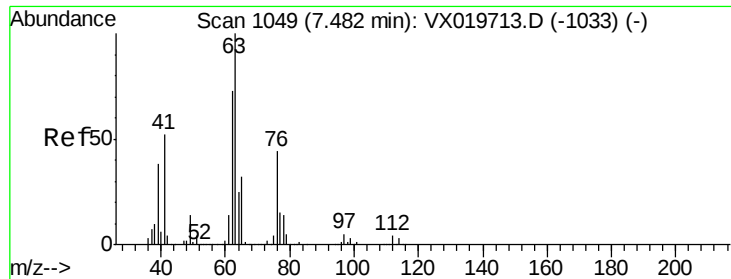
Tgt Ion: 130 Resp: 201409

Ion Ratio Lower Upper

130 100

95 99.0 0.0 198.0

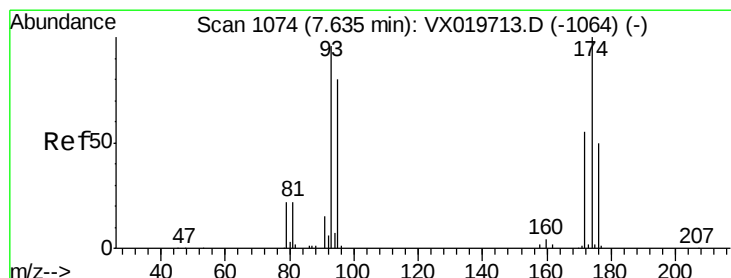
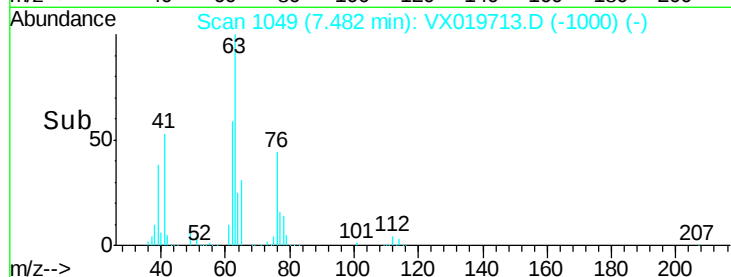
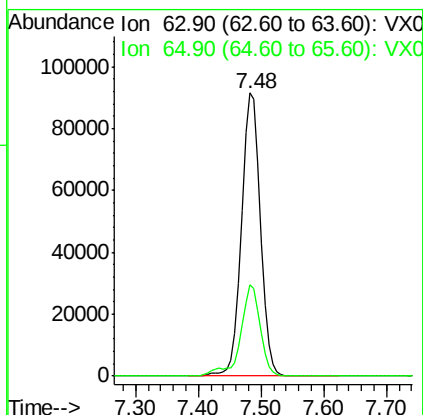
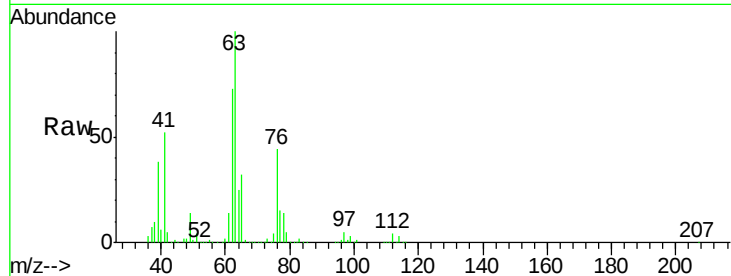




#45
 1,2-Dichloropropane
 Concen: 47.577 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

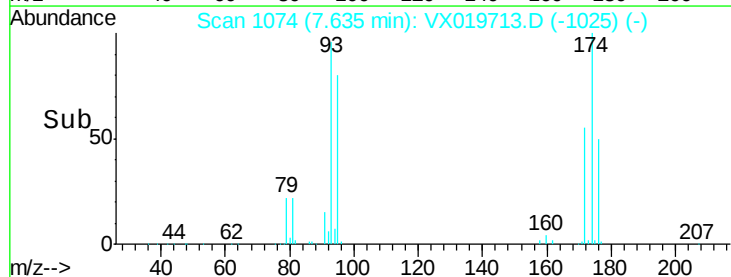
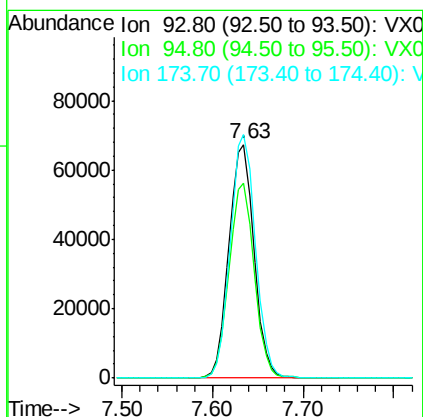
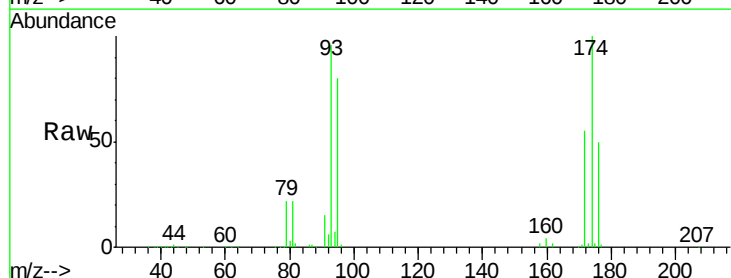
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

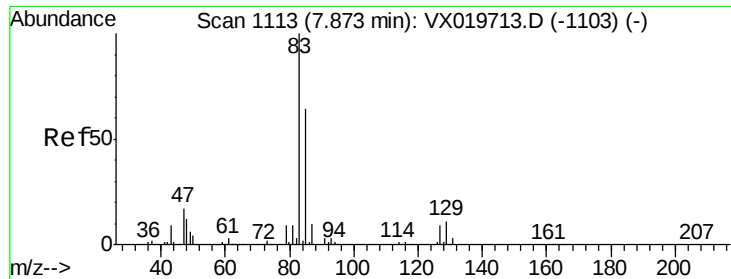
Tgt Ion: 63 Resp: 190816
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.7 38.5



#46
 Dibromomethane
 Concen: 48.372 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 93 Resp: 130130
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 103.9 83.1 124.7





#47

Bromodichloromethane

Concen: 49.108 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

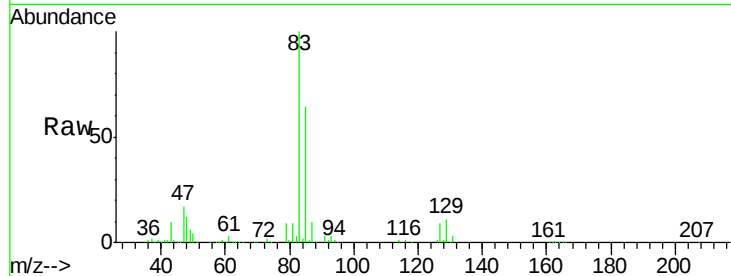
Tgt Ion: 83 Resp: 261865

Ion Ratio Lower Upper

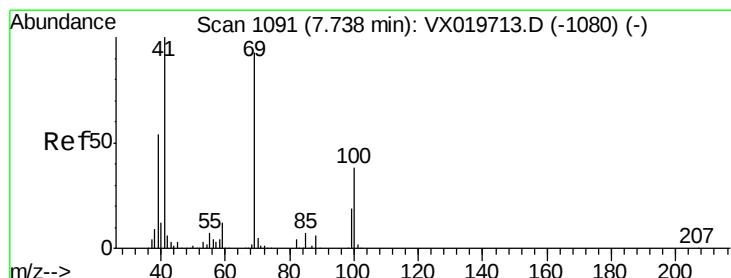
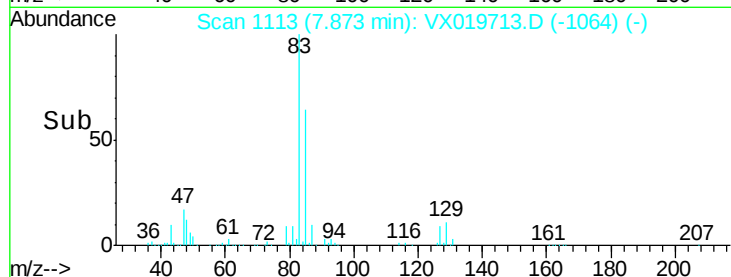
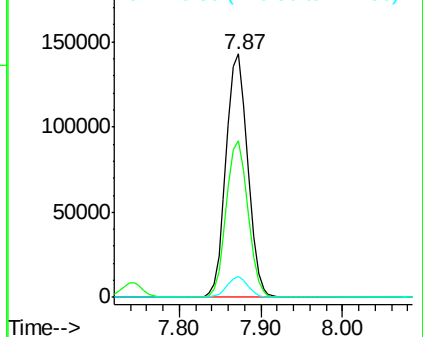
83 100

85 64.2 51.4 77.0

127 8.5 6.8 10.2



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: 48.288 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

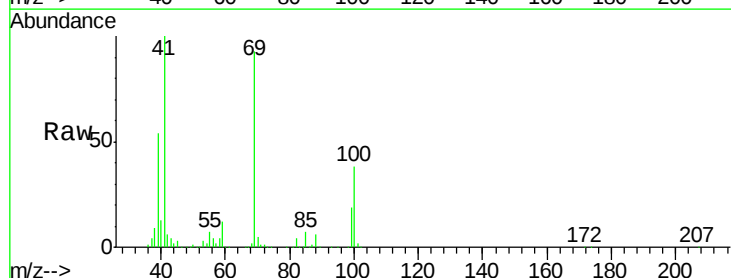
Tgt Ion: 41 Resp: 202355

Ion Ratio Lower Upper

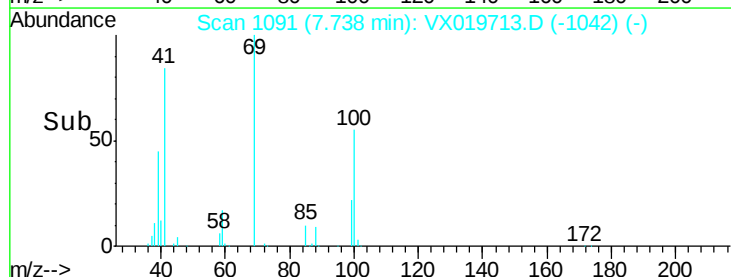
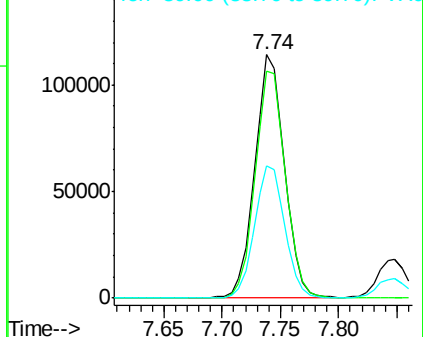
41 100

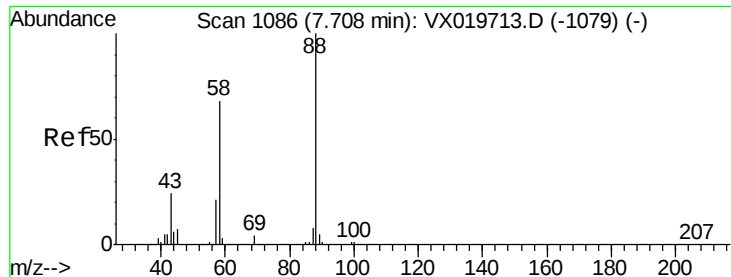
69 95.0 76.0 114.0

39 55.8 44.6 67.0



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

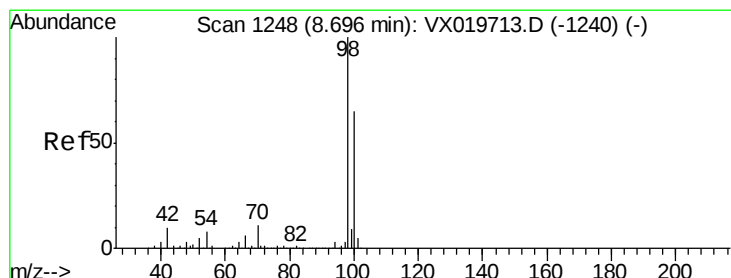
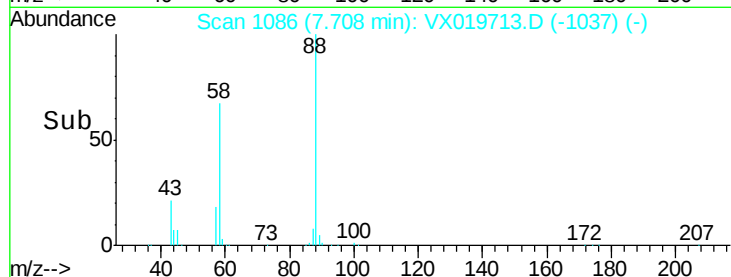
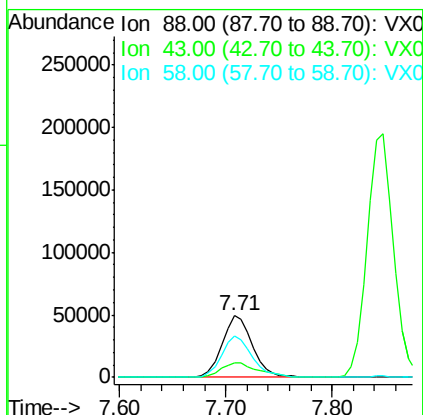
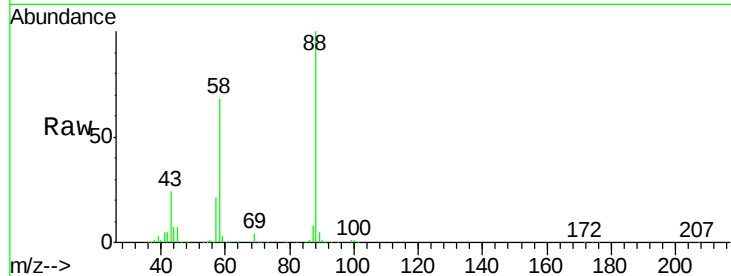




#49
 1,4-Dioxane
 Concen: 1014.070 ug/l
 RT: 7.71 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

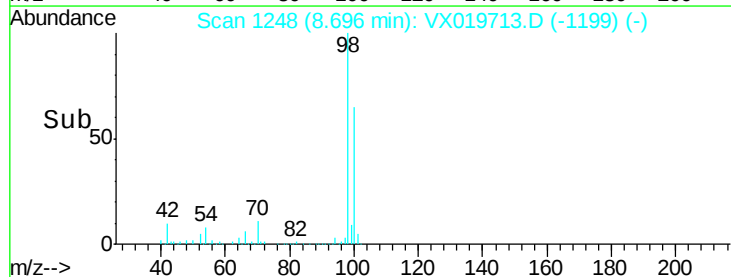
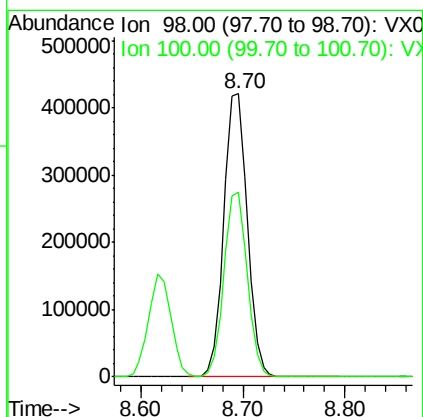
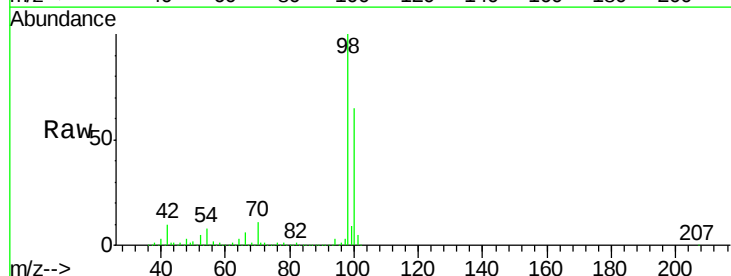
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

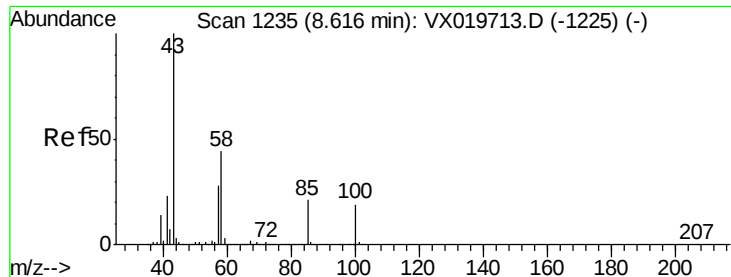
Tgt Ion: 88 Resp: 97682
 Ion Ratio Lower Upper
 88 100
 43 29.0 23.2 34.8
 58 68.7 55.0 82.4



#50
 Toluene-d8
 Concen: 48.438 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 98 Resp: 672250
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.9 77.9

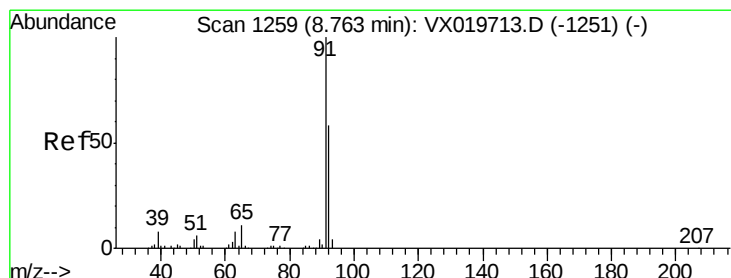
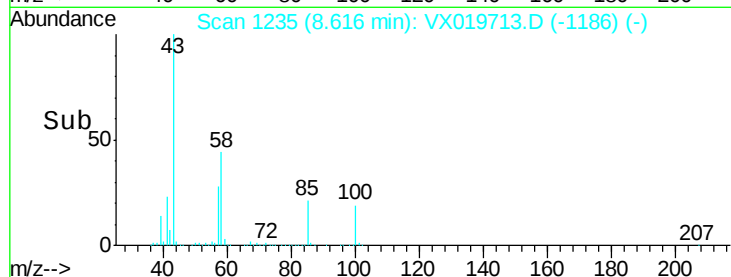
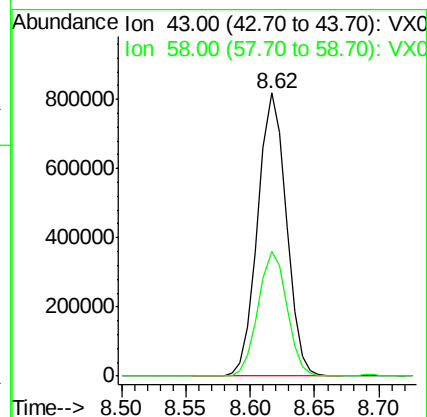
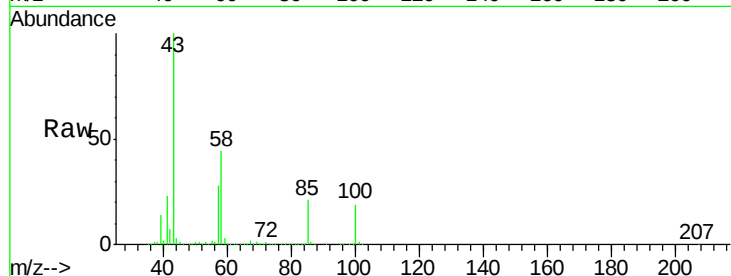




#51
 4-Methyl-2-Pentanone
 Concen: 242.594 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

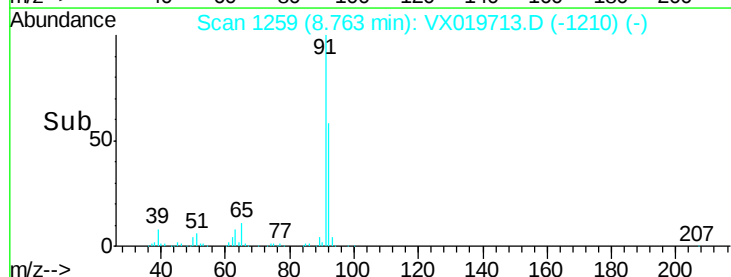
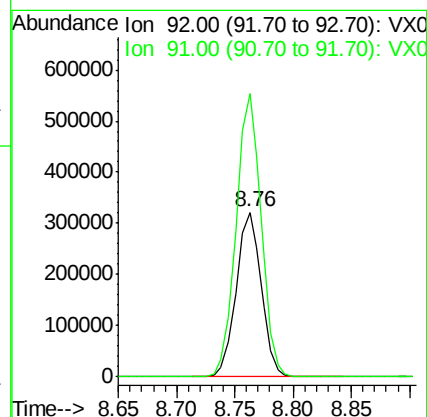
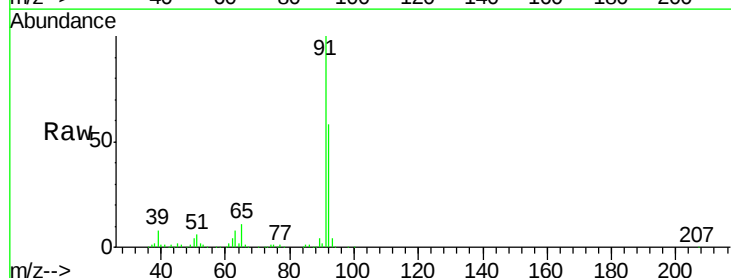
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

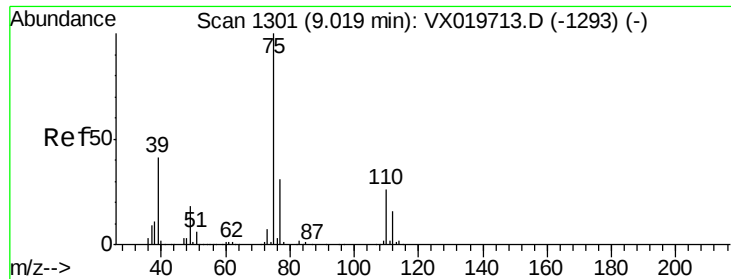
Tgt Ion: 43 Resp: 1256436
 Ion Ratio Lower Upper
 43 100
 58 44.2 35.4 53.0



#52
 Toluene
 Concen: 48.658 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 92 Resp: 483095
 Ion Ratio Lower Upper
 92 100
 91 171.4 137.1 205.7

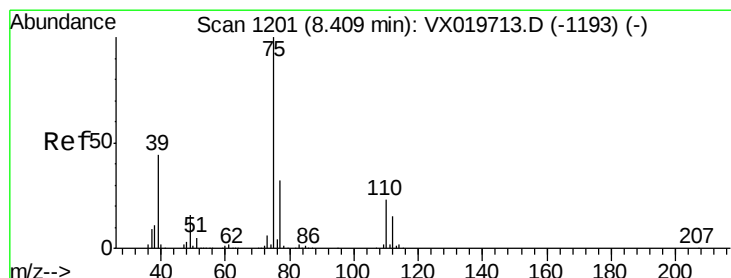
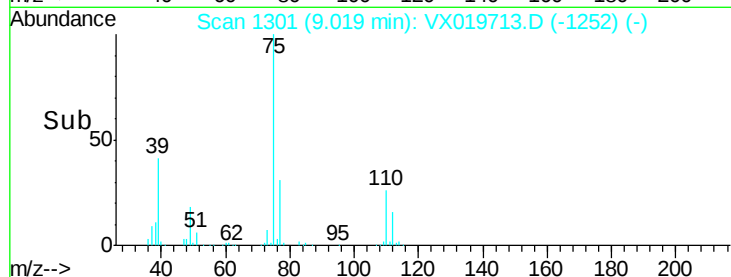
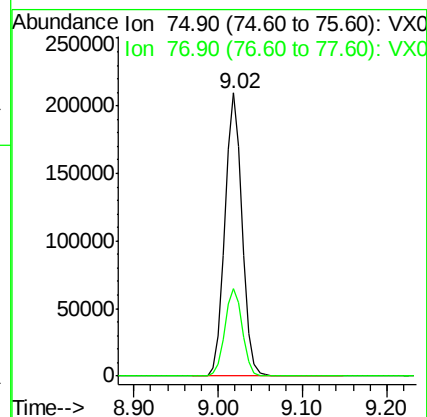
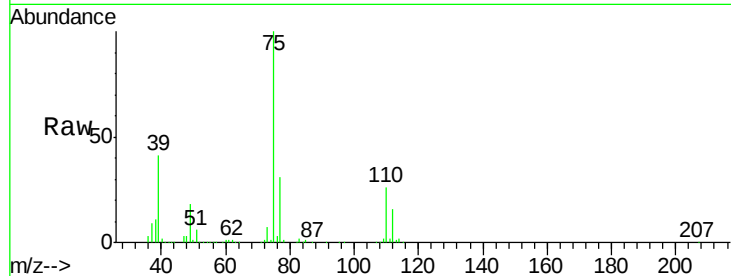




#53
t-1,3-Dichloropropene
Concen: 50.777 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

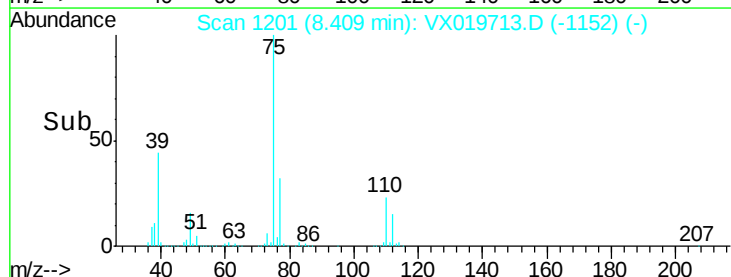
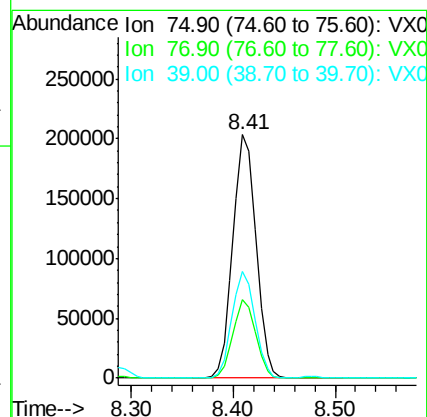
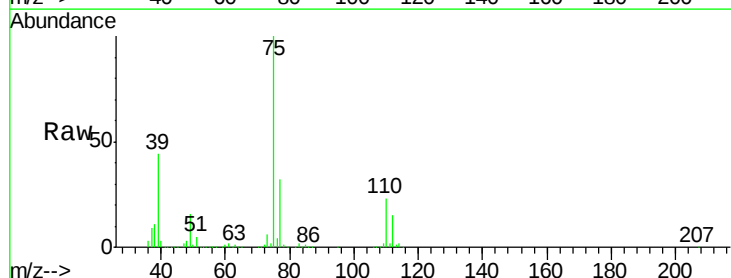
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

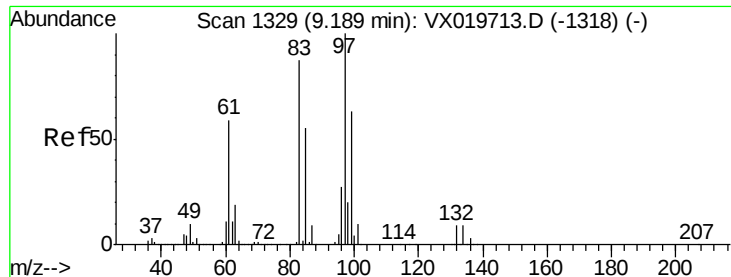
Tgt Ion: 75 Resp: 296913
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 50.126 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion: 75 Resp: 320380
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
39 43.9 35.1 52.7

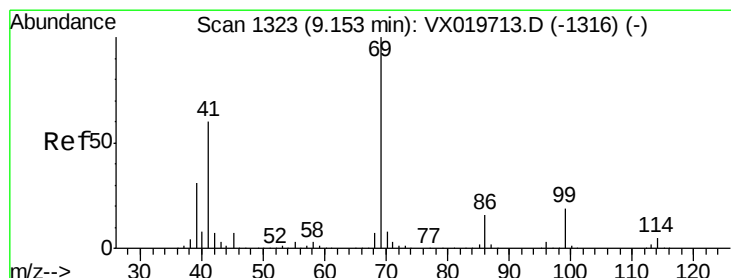
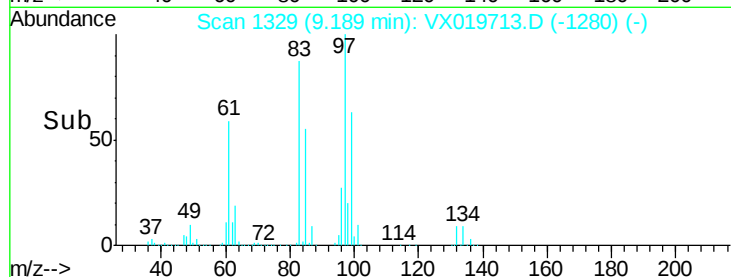
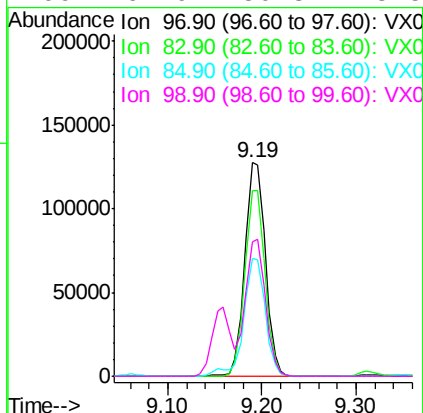
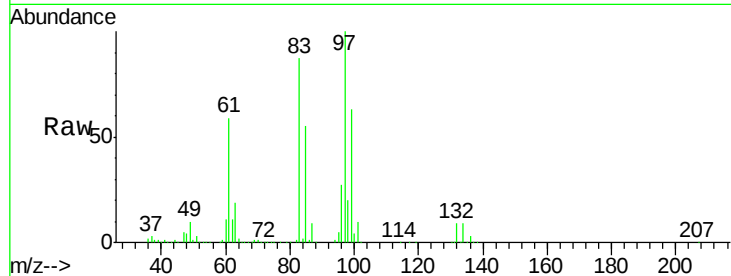




#55
 1,1,2-Trichloroethane
 Concen: 48.237 ug/l
 RT: 9.19 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

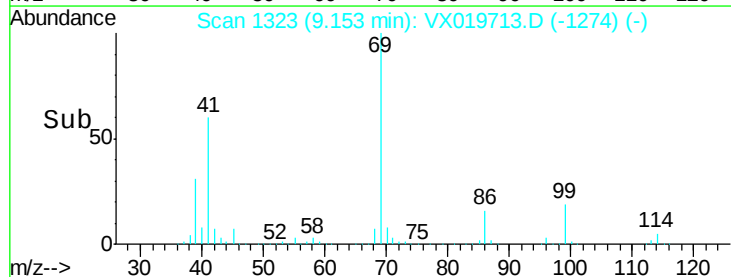
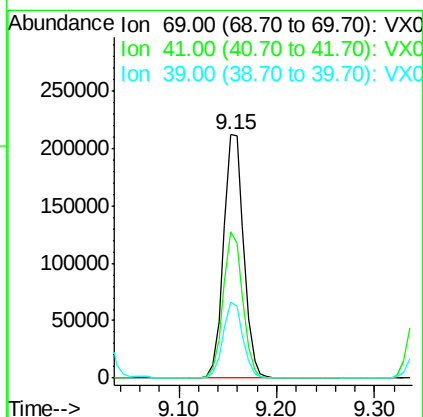
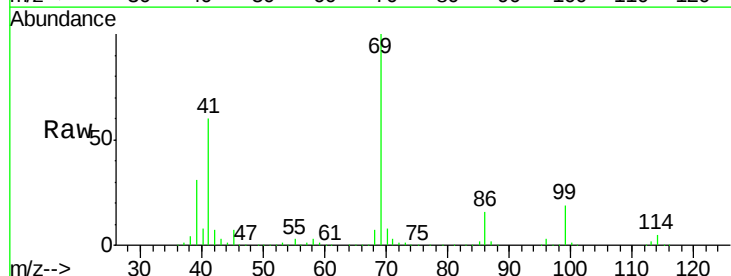
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

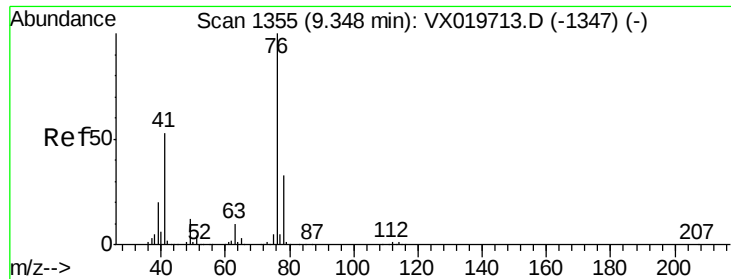
Tgt Ion:	97	Resp:	193682
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.3	103.9
85	55.4	44.3	66.5
99	62.9	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 49.967 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion:	69	Resp:	301359
Ion	Ratio	Lower	Upper
69	100		
41	58.5	46.8	70.2
39	30.9	24.7	37.1

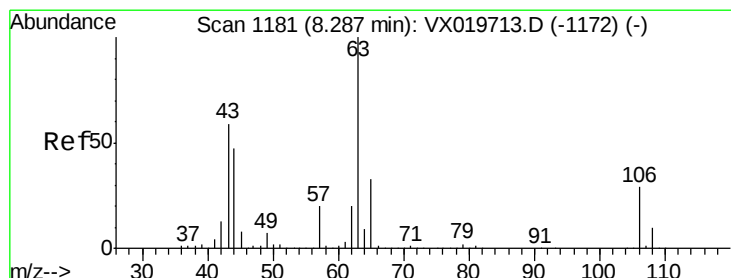
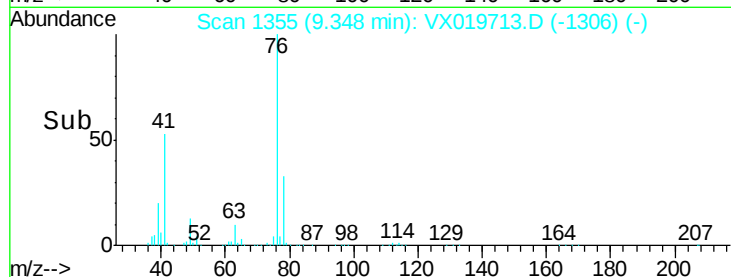
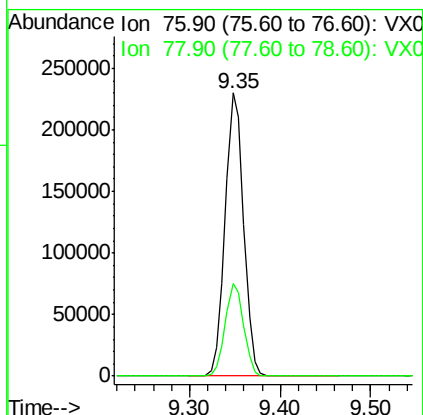
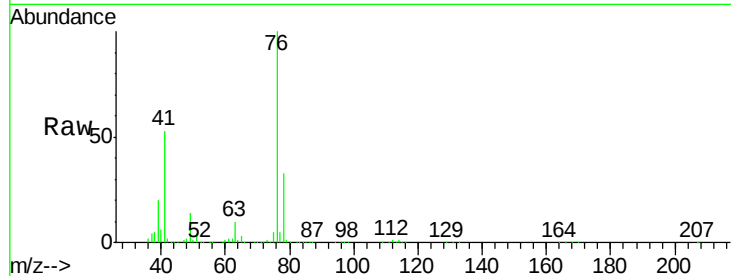




#57
 1,3-Dichloropropane
 Concen: 48.136 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

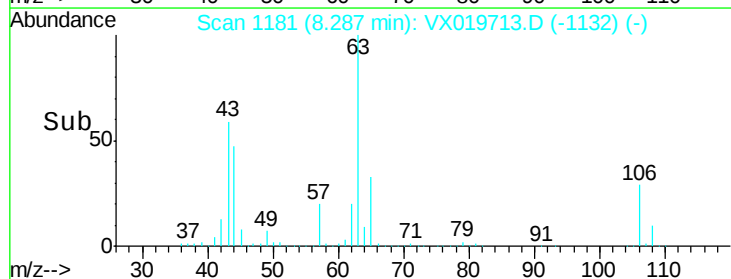
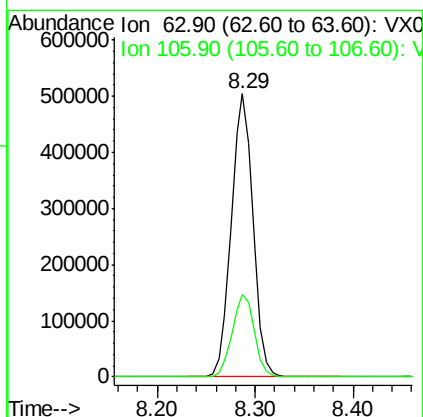
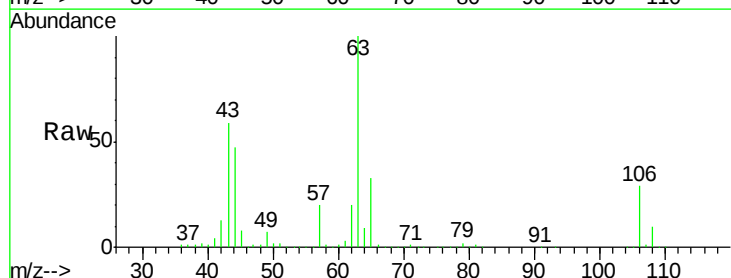
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

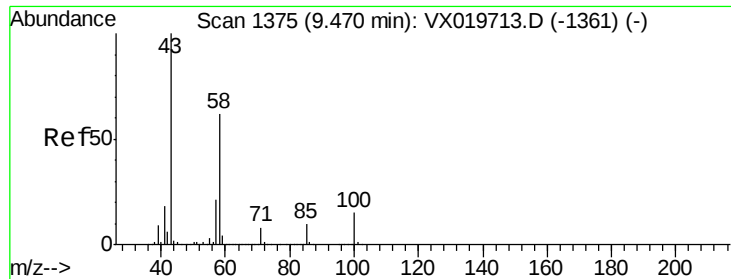
Tgt Ion: 76 Resp: 327076
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.284 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 63 Resp: 775046
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.5 35.3

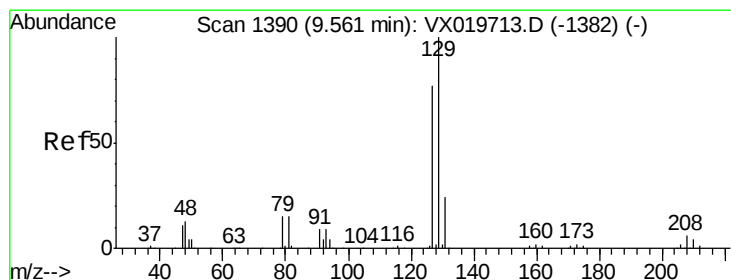
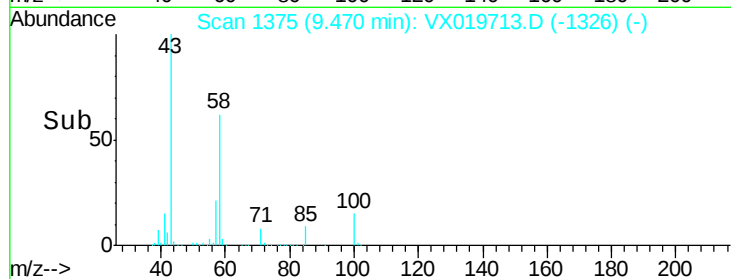
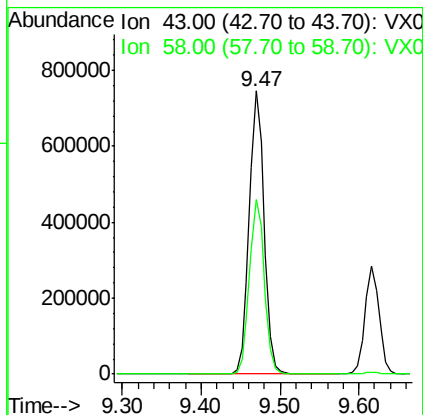
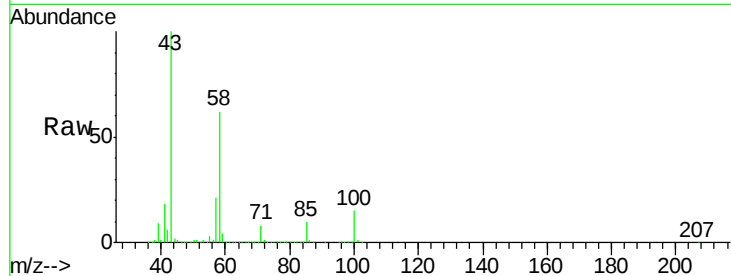




#59
2-Hexanone
Concen: 250.512 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

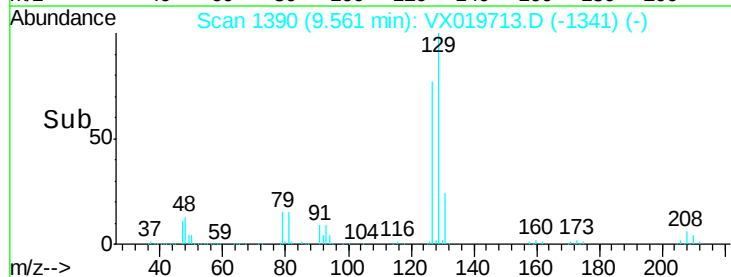
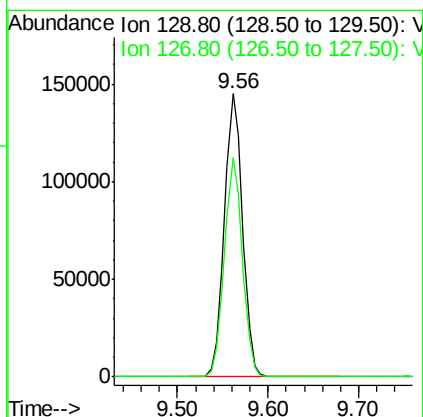
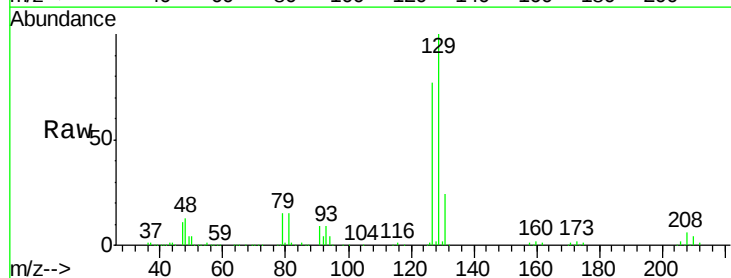
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

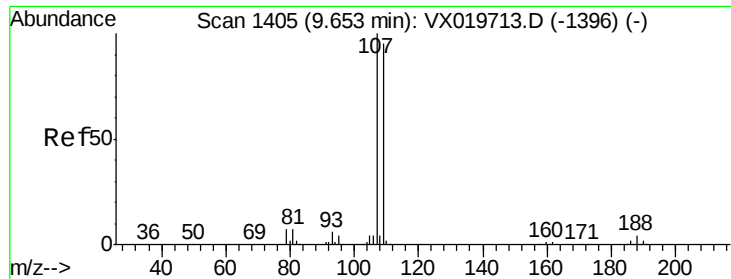
Tgt Ion: 43 Resp: 981469
Ion Ratio Lower Upper
43 100
58 61.9 30.9 92.8



#60
Dibromochloromethane
Concen: 49.247 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion: 129 Resp: 203103
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

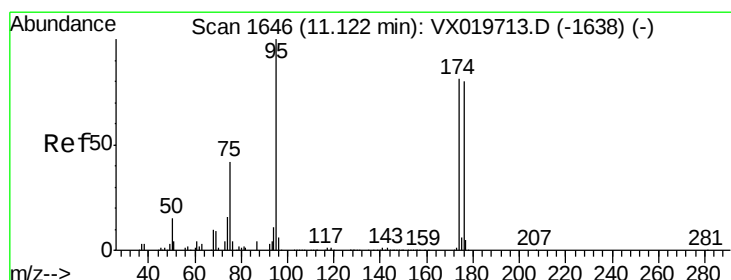
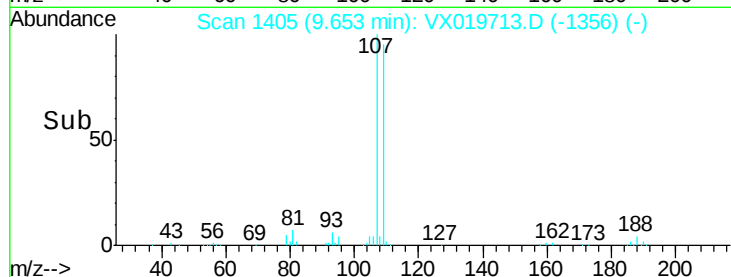
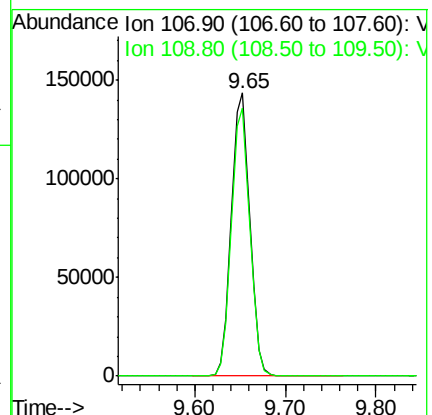
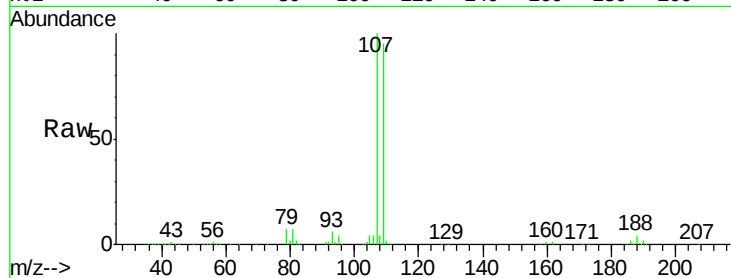




#61
 1,2-Dibromoethane
 Concen: 48.324 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

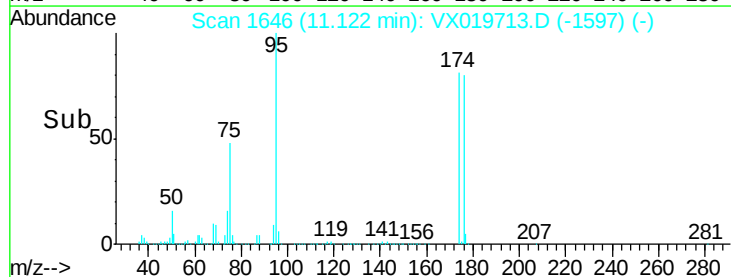
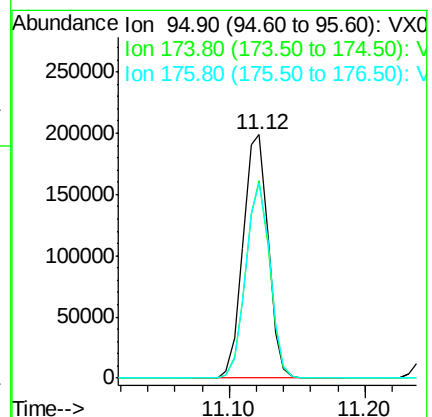
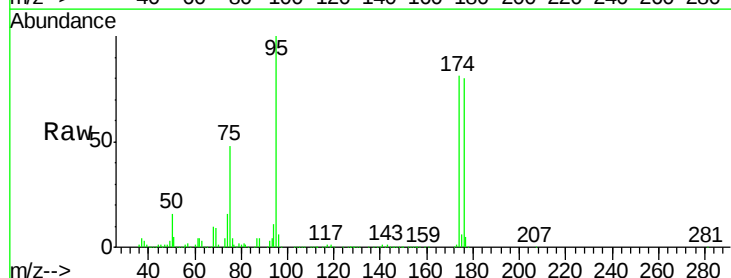
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

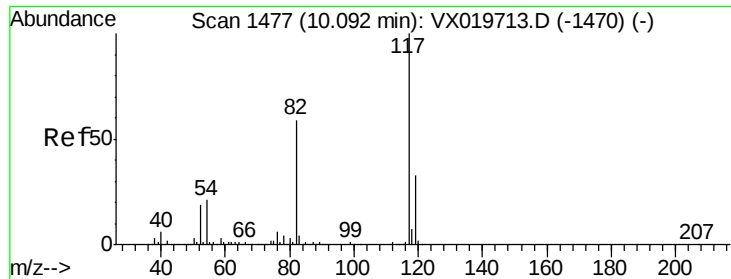
Tgt Ion: 107 Resp: 203813
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 48.699 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 95 Resp: 255832
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 154.6
 176 77.9 0.0 155.8

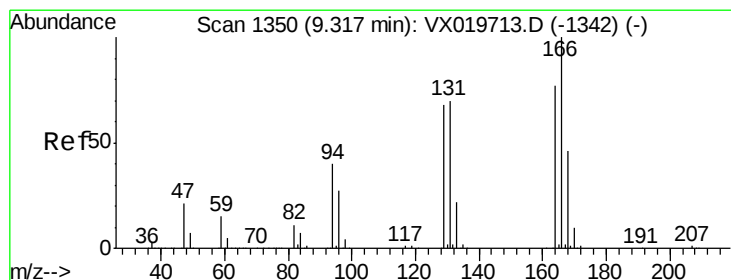
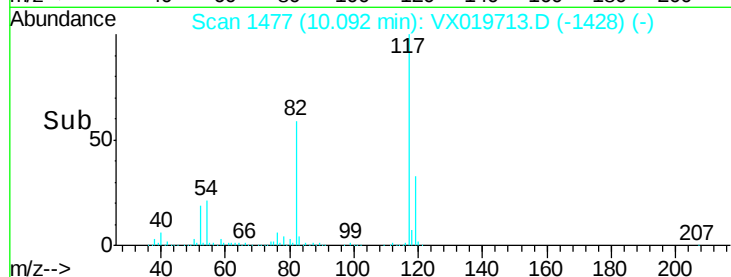
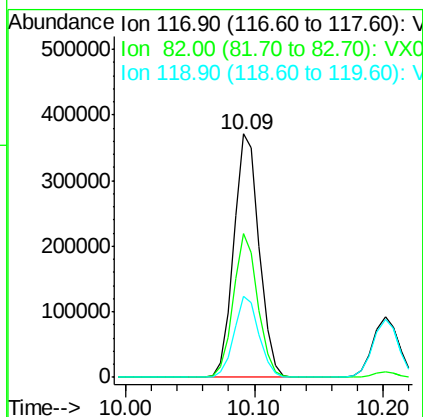
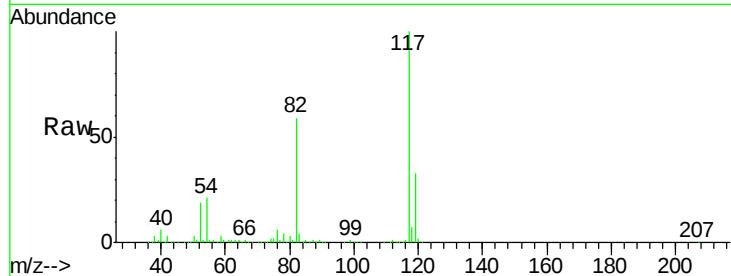




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

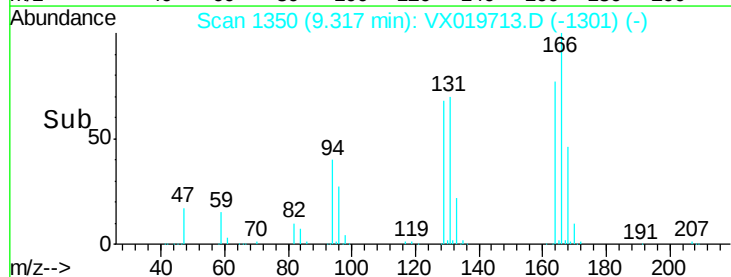
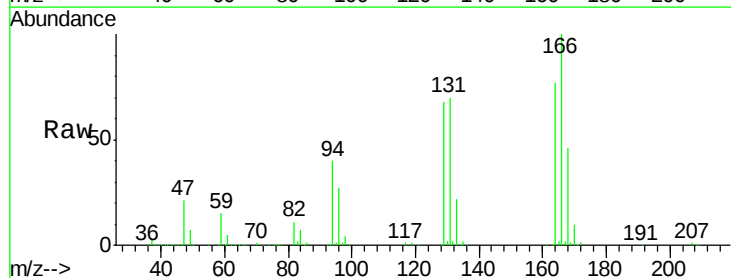
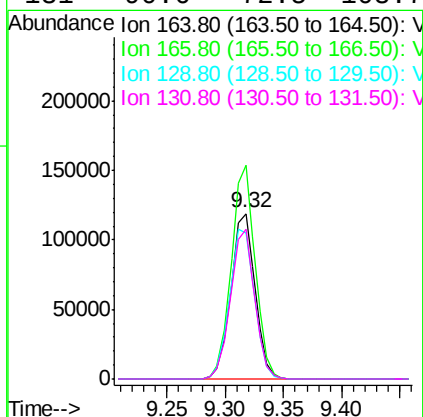
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

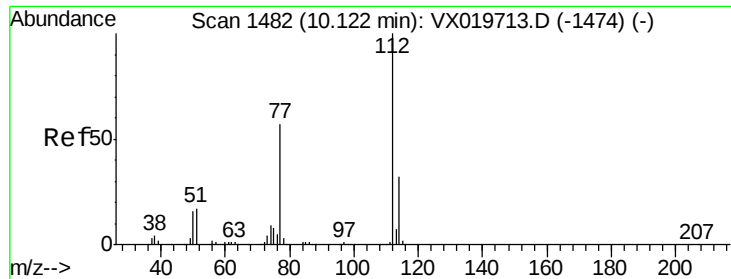
Tgt Ion:117 Resp: 508281
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 33.2 26.6 39.8



#64
Tetrachloroethene
Concen: 49.148 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion:164 Resp: 172505
Ion Ratio Lower Upper
164 100
166 129.3 103.4 155.2
129 88.5 70.8 106.2
131 90.6 72.5 108.7

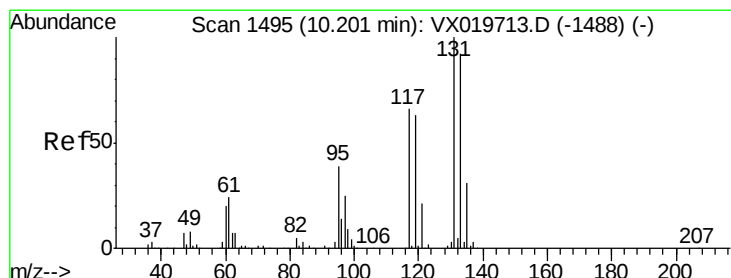
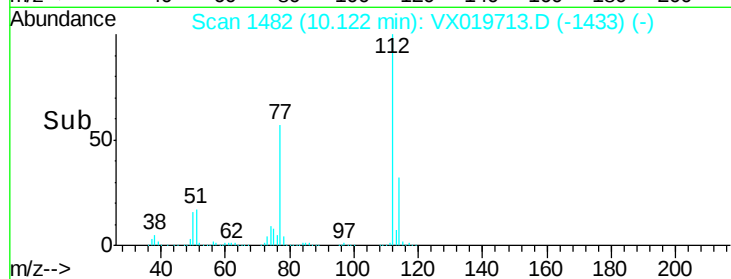
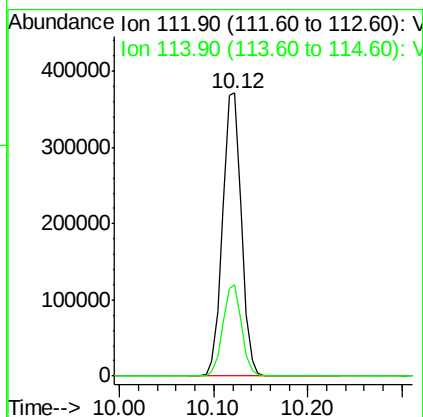
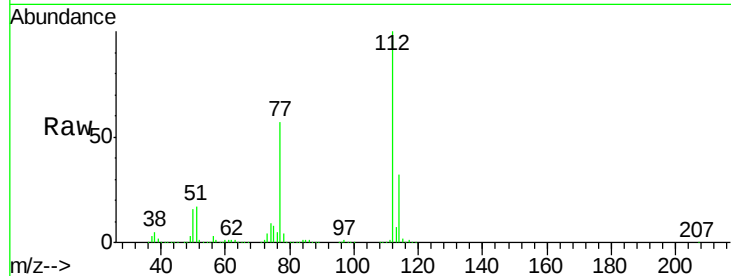




#65
Chlorobenzene
Concen: 48.565 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

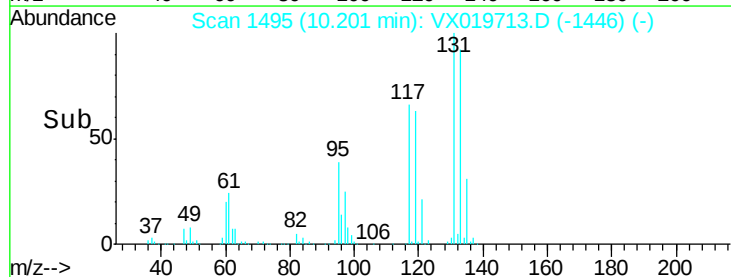
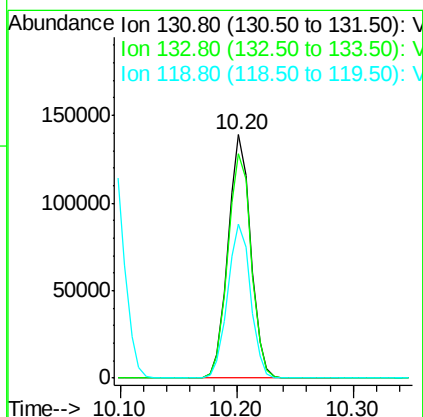
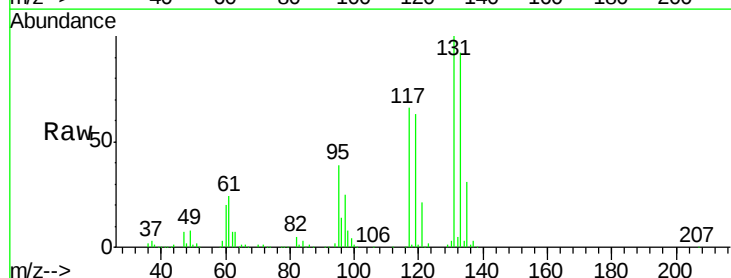
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

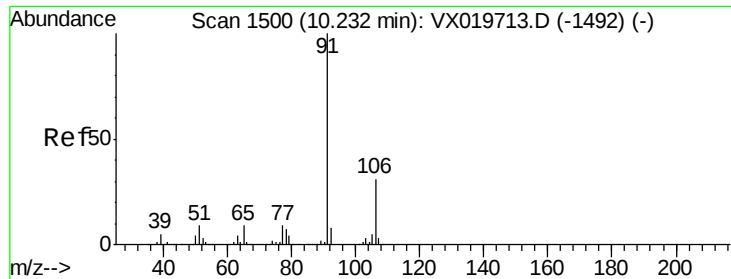
Tgt Ion:112 Resp: 511766
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.015 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion:131 Resp: 187694
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 64.3 32.1 96.5

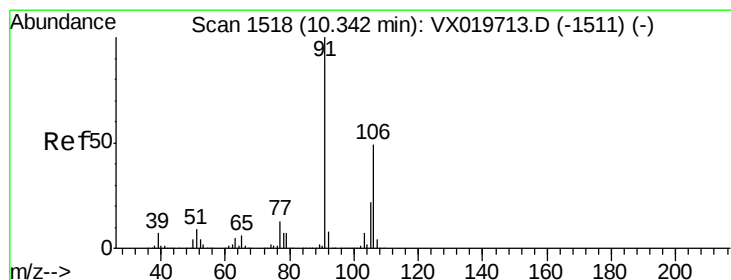
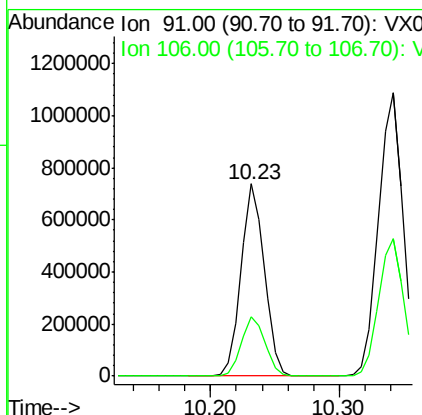
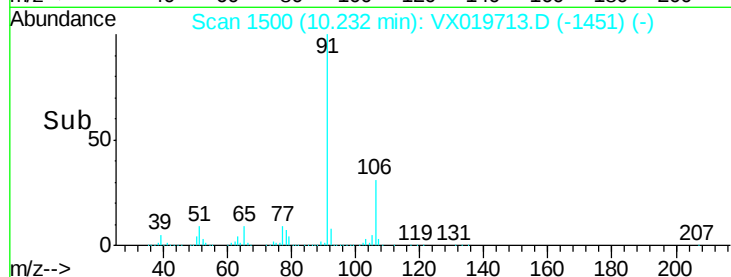
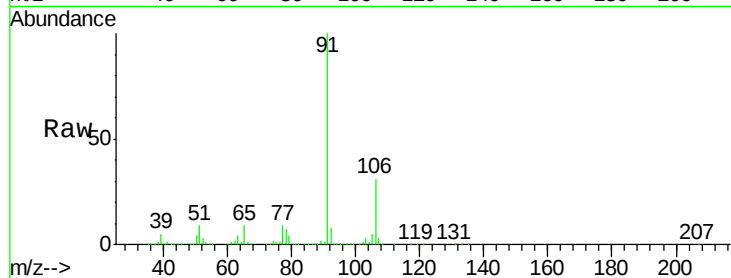




#67
 Ethyl Benzene
 Concen: 49.793 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

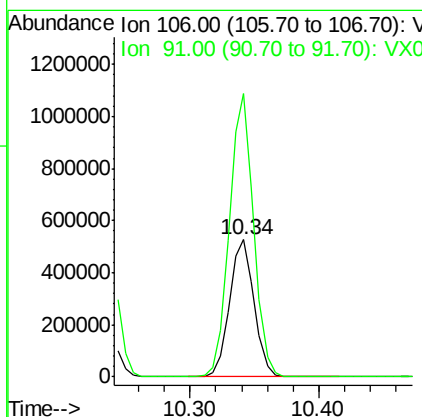
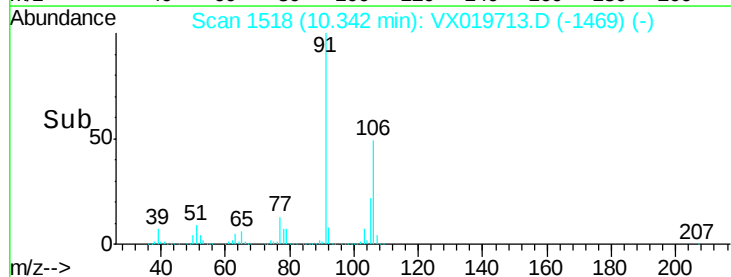
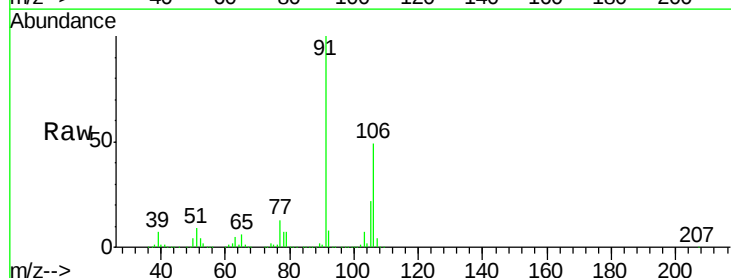
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

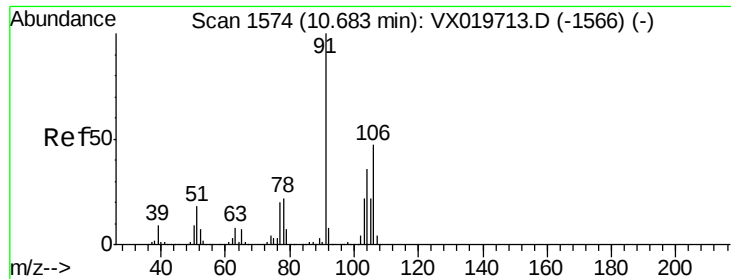
Tgt Ion: 91 Resp: 925420
 Ion Ratio Lower Upper
 91 100
 106 30.8 24.6 37.0



#68
 m/p-Xylenes
 Concen: 100.775 ug/l
 RT: 10.34 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 106 Resp: 700411
 Ion Ratio Lower Upper
 106 100
 91 203.5 162.8 244.2

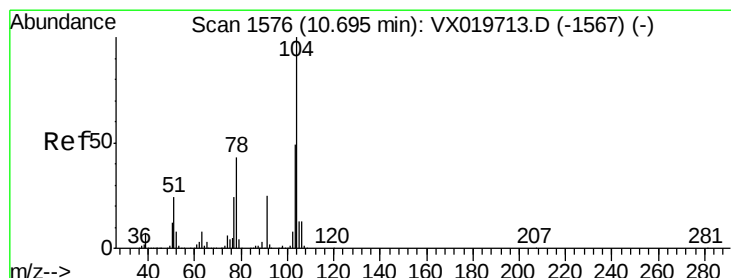
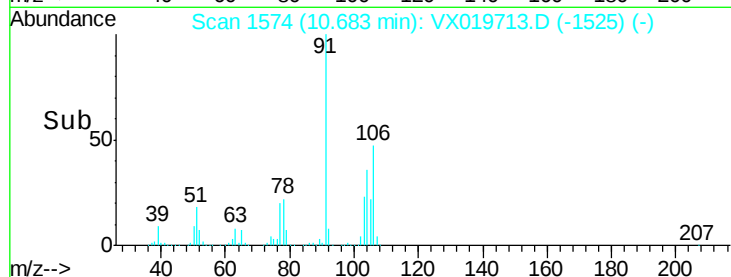
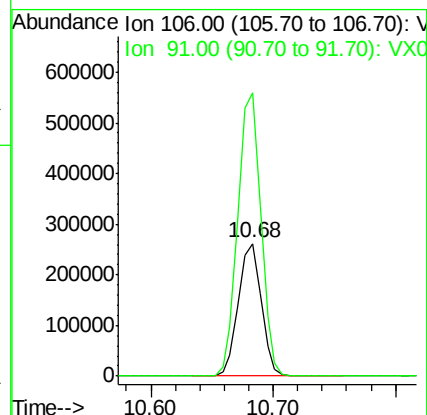
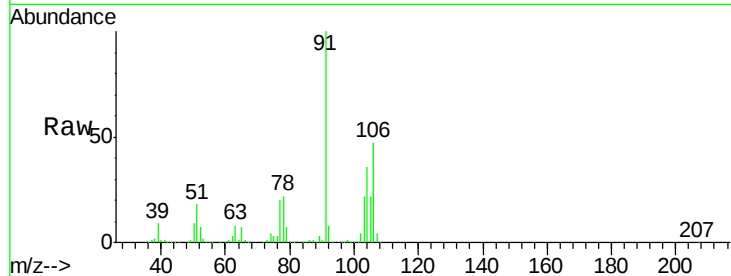




#69
o-Xylene
Concen: 49.905 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

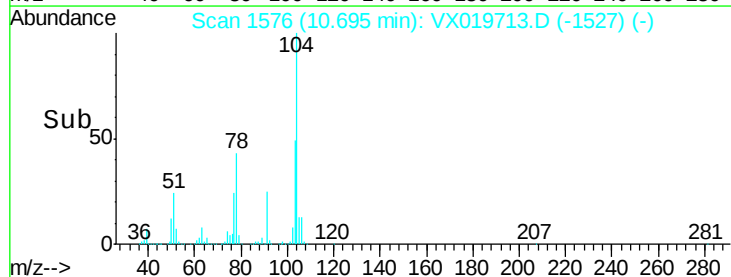
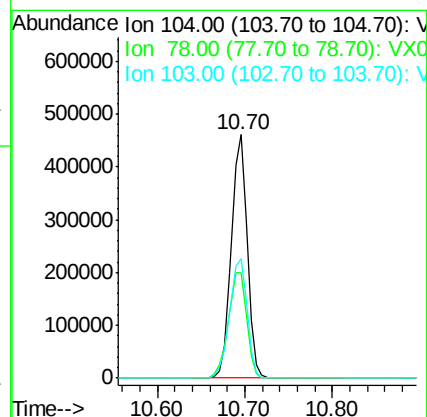
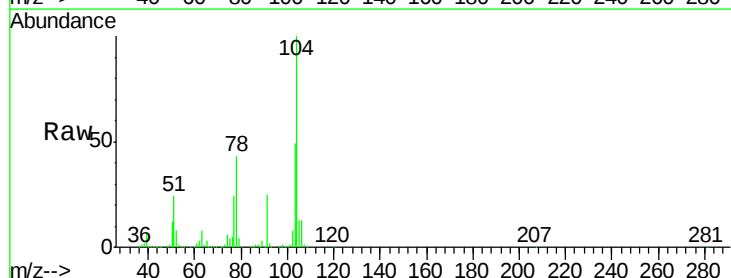
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

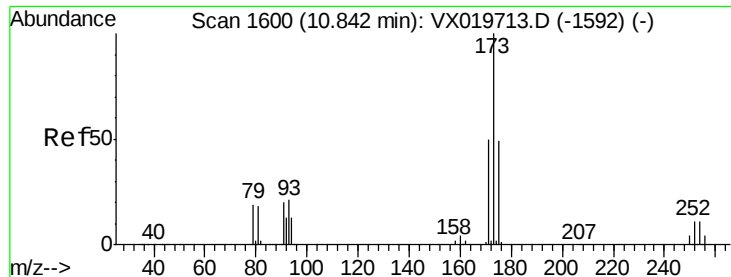
Tgt Ion:106 Resp: 336704
Ion Ratio Lower Upper
106 100
91 216.1 108.1 324.2



#70
Styrene
Concen: 51.433 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion:104 Resp: 582034
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 54.2 43.4 65.0





#71

Bromoform

Concen: 51.879 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

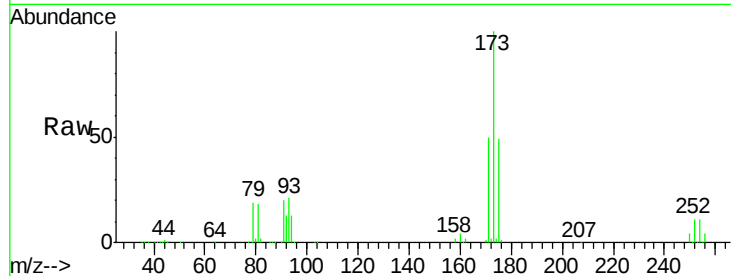
Tgt Ion:173 Resp: 153728

Ion Ratio Lower Upper

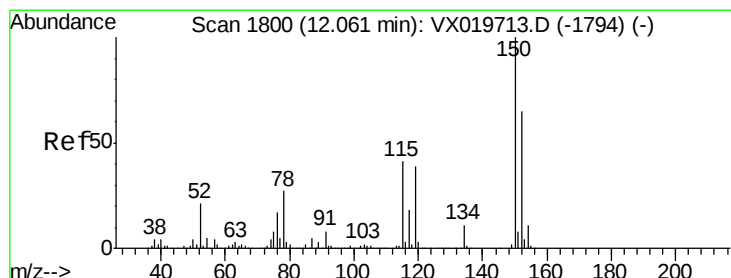
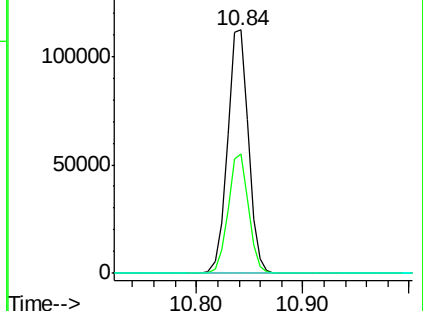
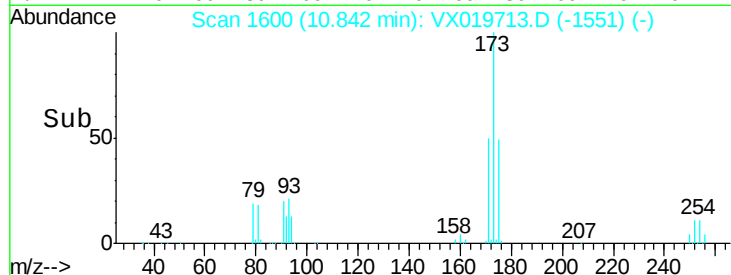
173 100

175 47.9 23.9 71.8

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

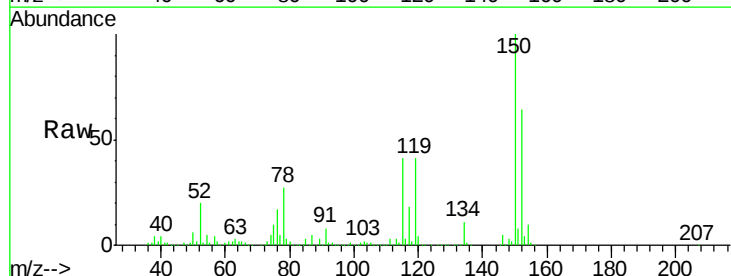
Tgt Ion:152 Resp: 262798

Ion Ratio Lower Upper

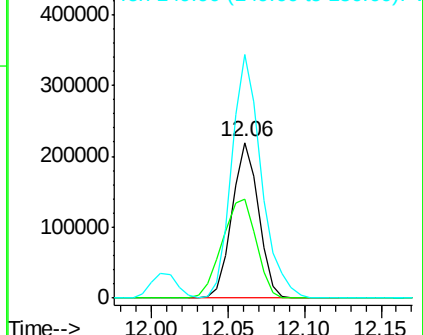
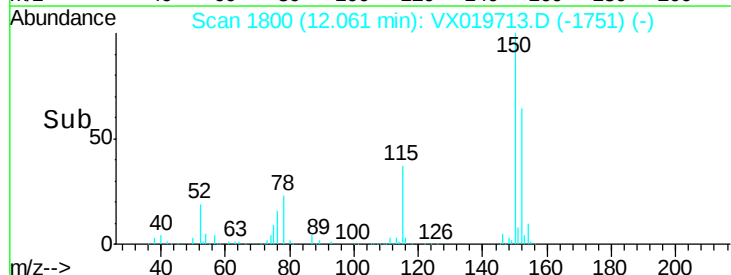
152 100

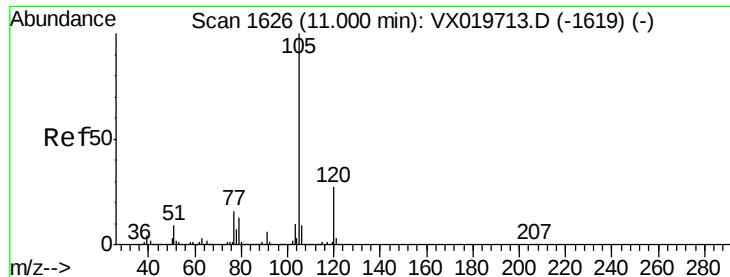
115 82.2 41.1 123.3

150 174.5 0.0 349.0



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





#73

Isopropylbenzene

Concen: 49.266 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

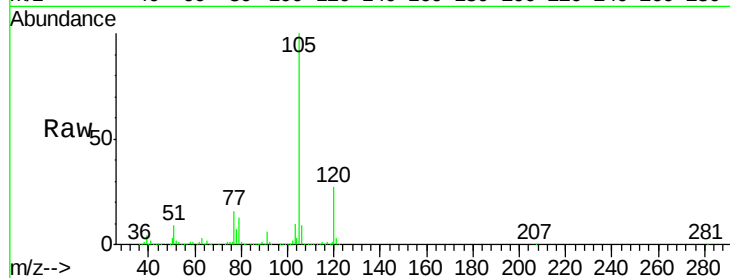
VSTDICCC050

Tgt Ion: 105 Resp: 901657

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

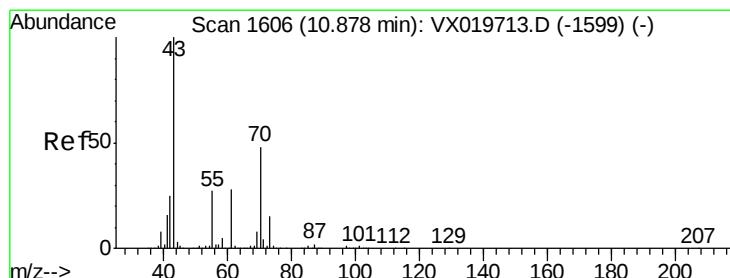
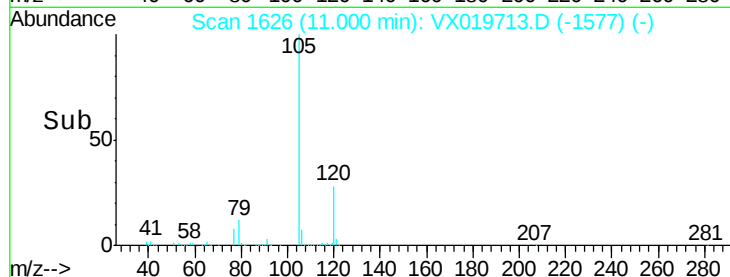
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 49.963 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Tgt Ion: 43 Resp: 367128

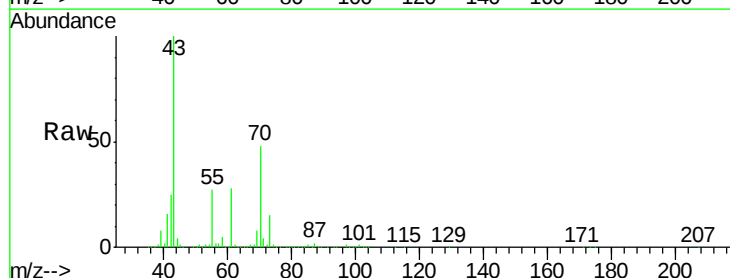
Ion Ratio Lower Upper

43 100

70 48.8 39.0 58.6

55 26.9 21.5 32.3

61 27.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

500000

400000

300000

200000

100000

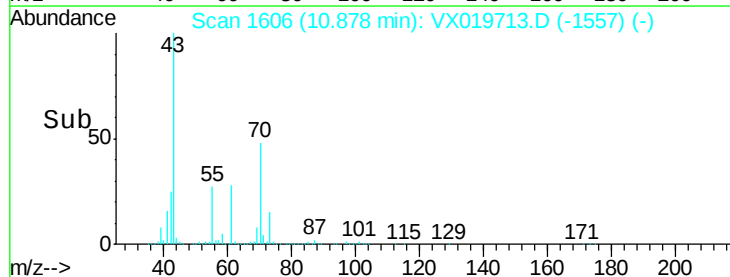
0

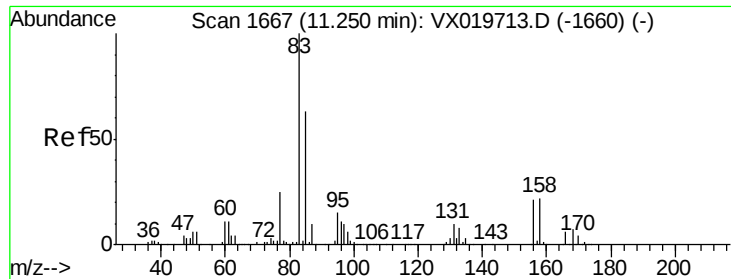
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.499 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

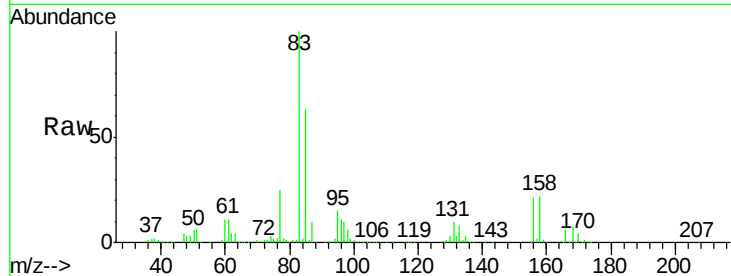
Tgt Ion: 83 Resp: 314794

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

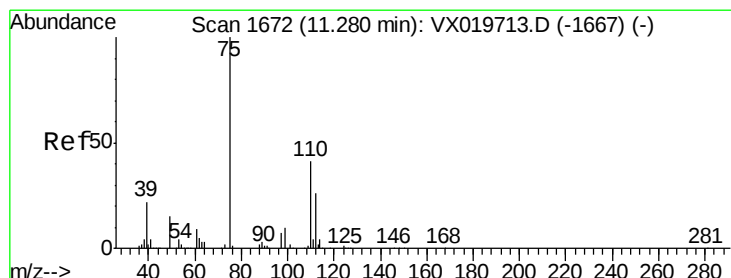
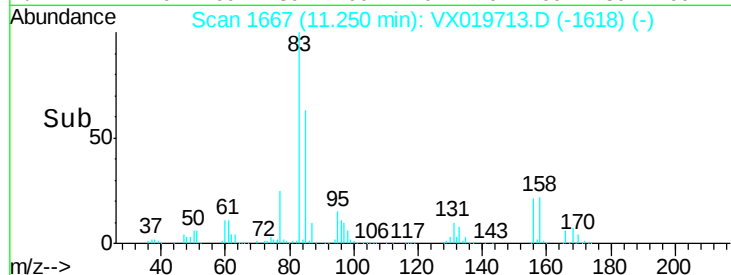
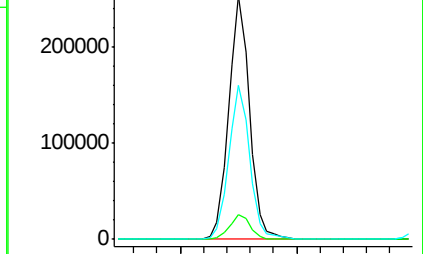
85 63.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.794 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019713.D

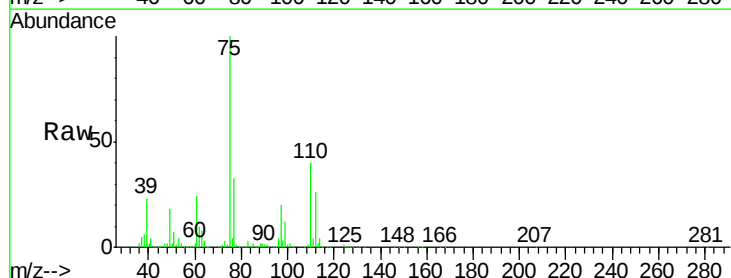
Acq: 04 Dec 2020 12:24

Tgt Ion: 75 Resp: 366164

Ion Ratio Lower Upper

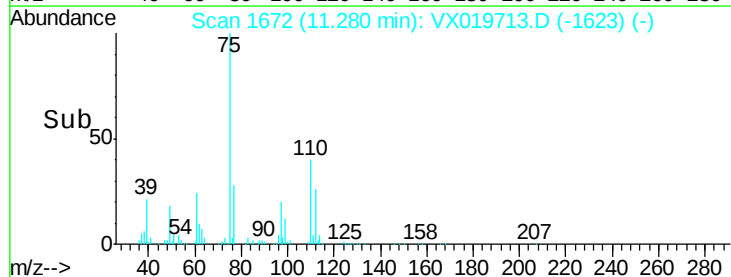
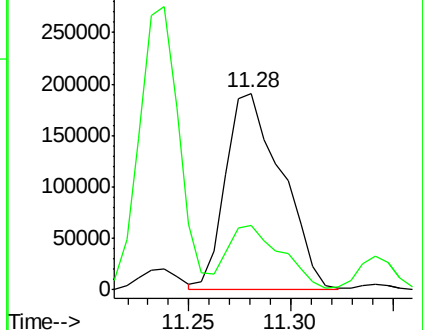
75 100

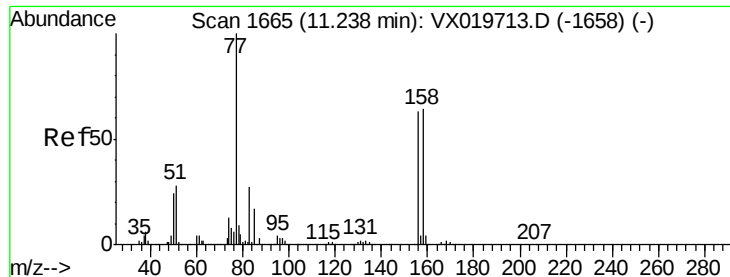
77 30.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.451 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

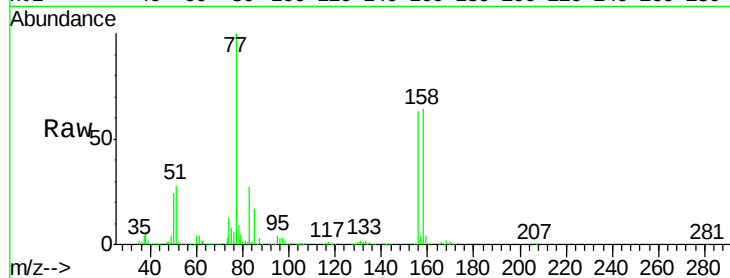
Tgt Ion:156 Resp: 225051

Ion Ratio Lower Upper

156 100

77 165.7 82.8 248.6

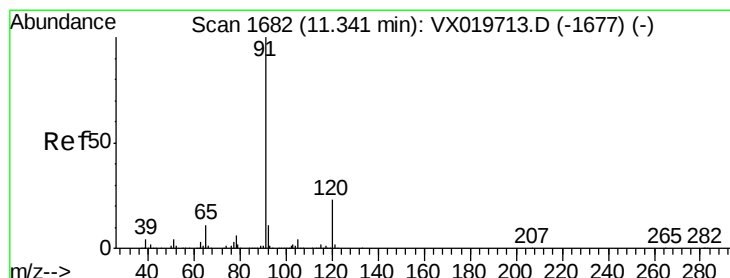
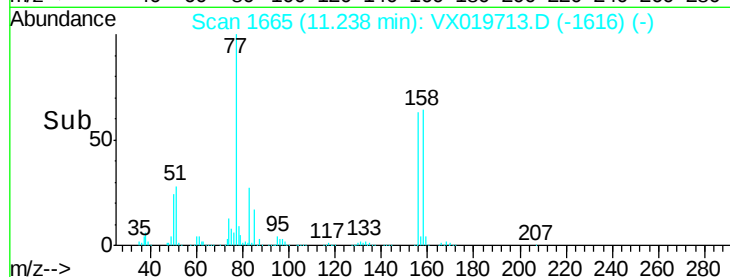
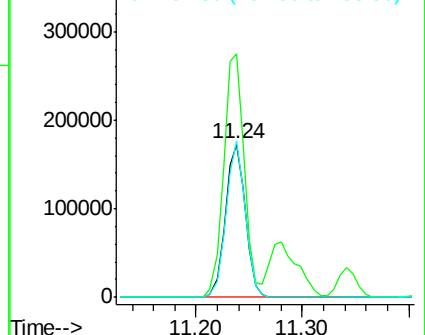
158 98.3 49.1 147.4



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: 49.561 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019713.D

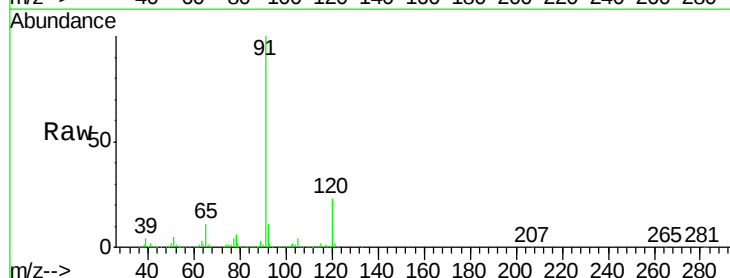
Acq: 04 Dec 2020 12:24

Tgt Ion: 91 Resp: 1045725

Ion Ratio Lower Upper

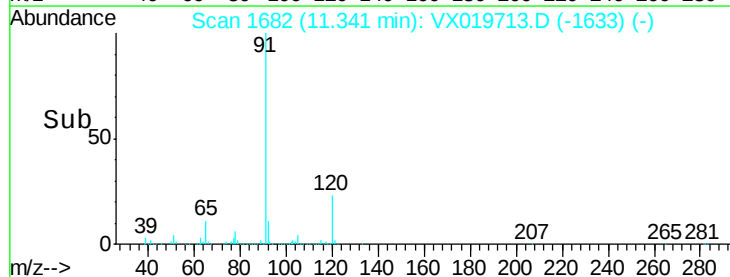
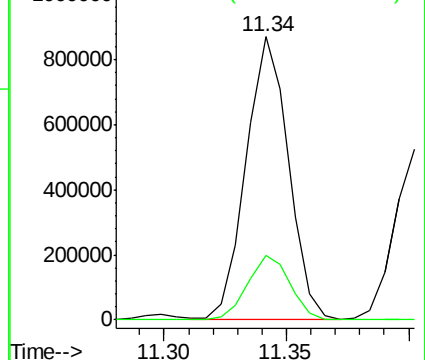
91 100

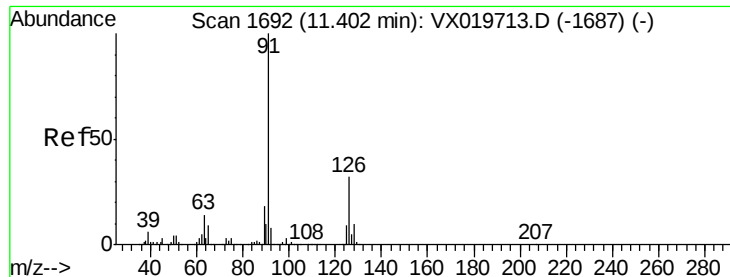
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

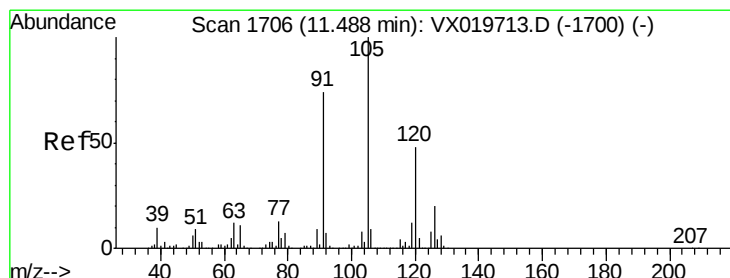
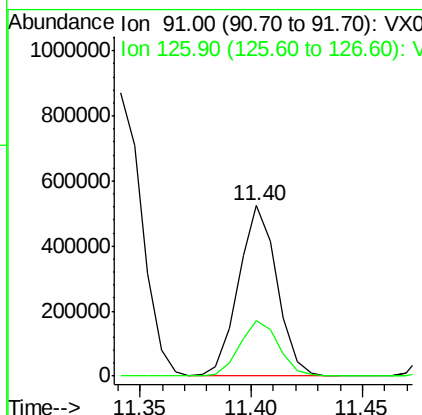
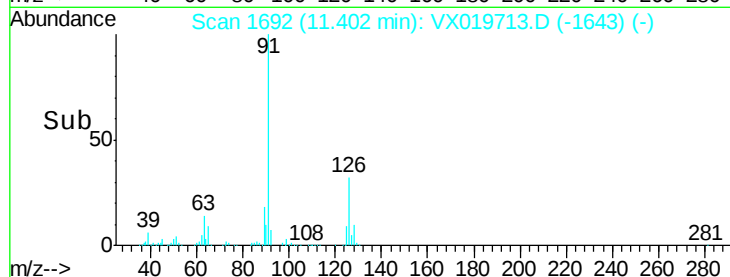
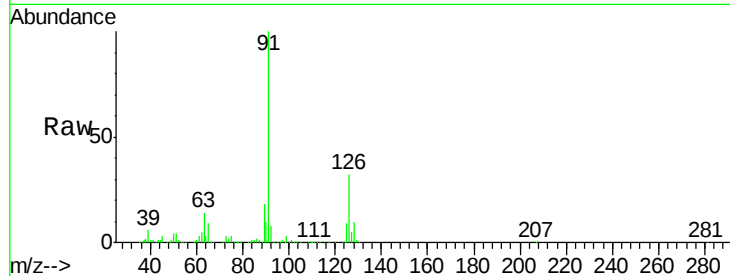




#79
 2-Chlorotoluene
 Concen: 49.061 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

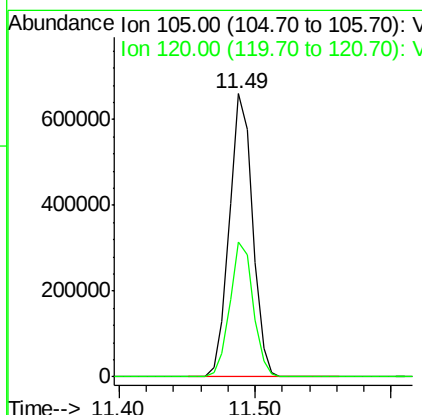
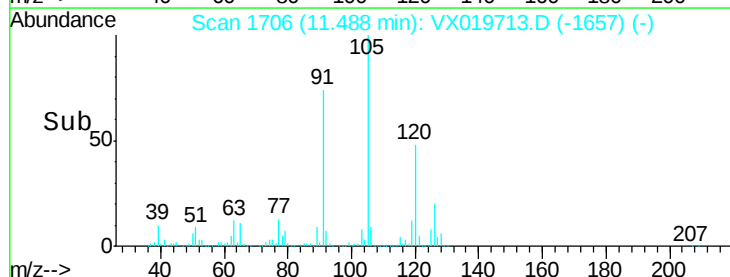
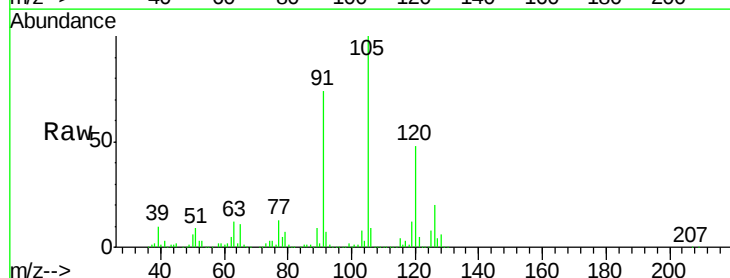
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

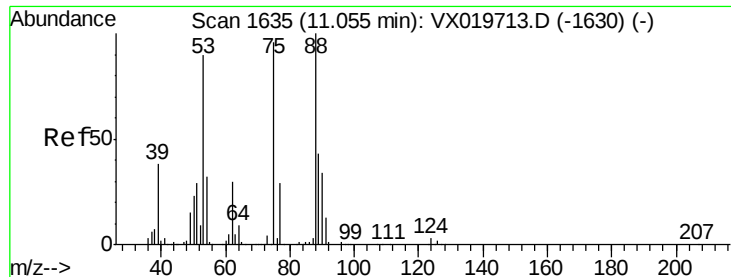
Tgt Ion: 91 Resp: 629619
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 50.577 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 105 Resp: 782858
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 49.142 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

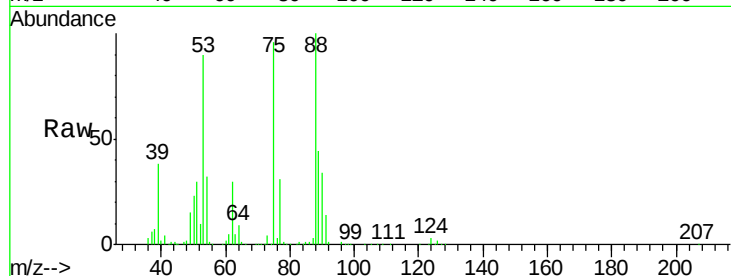
Tgt Ion: 75 Resp: 105818

Ion Ratio Lower Upper

75 100

53 93.1 74.5 111.7

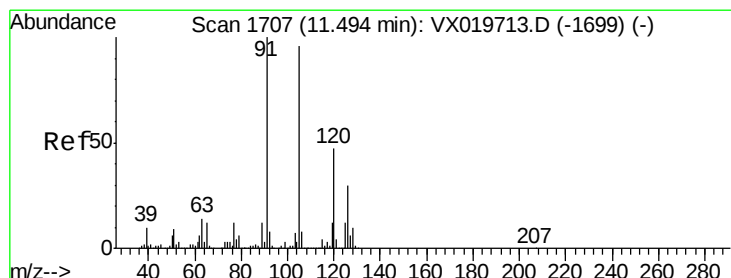
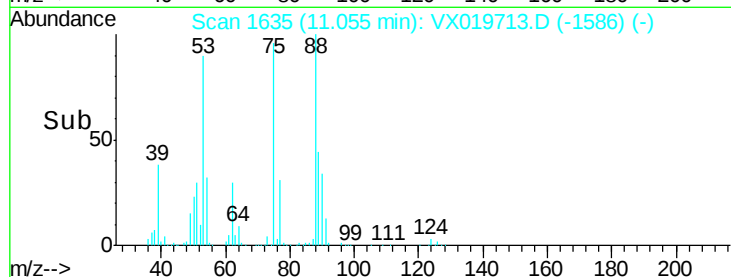
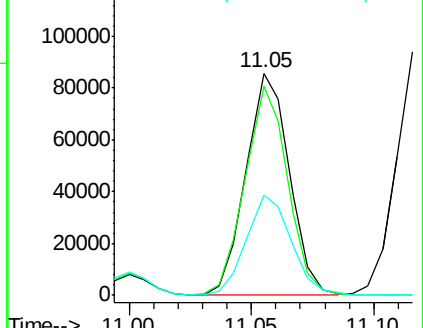
89 47.4 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.300 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019713.D

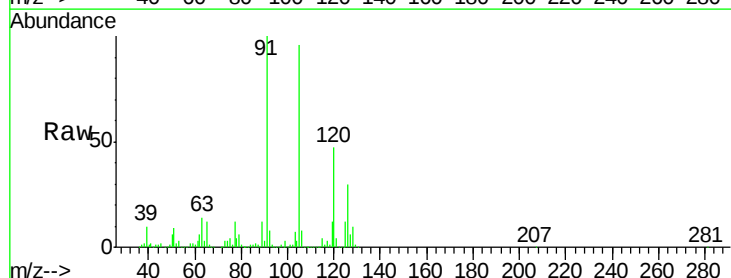
Acq: 04 Dec 2020 12:24

Tgt Ion: 91 Resp: 737521

Ion Ratio Lower Upper

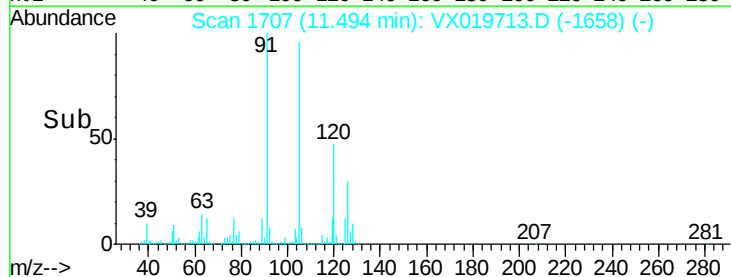
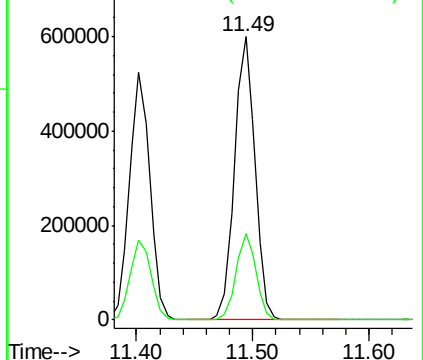
91 100

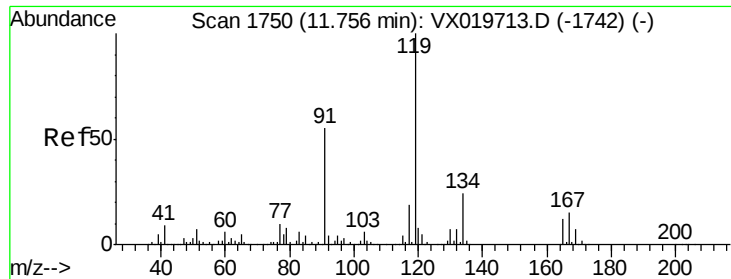
126 29.7 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

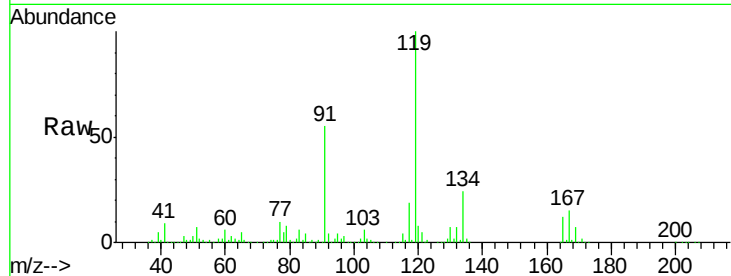




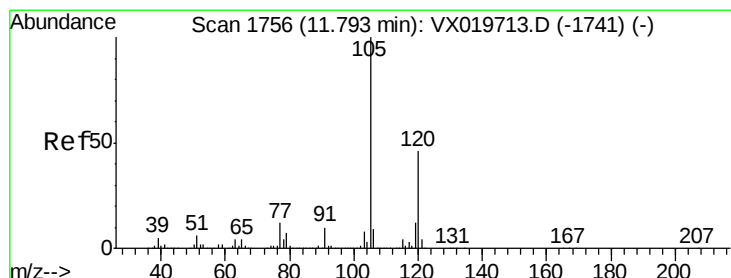
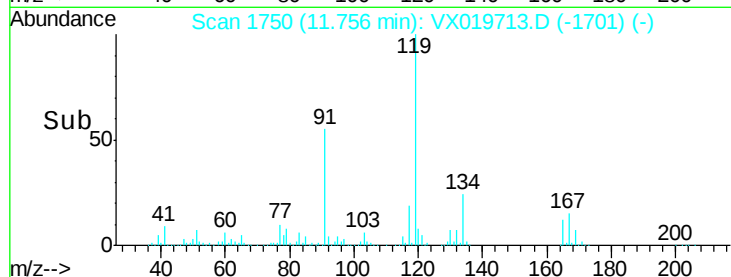
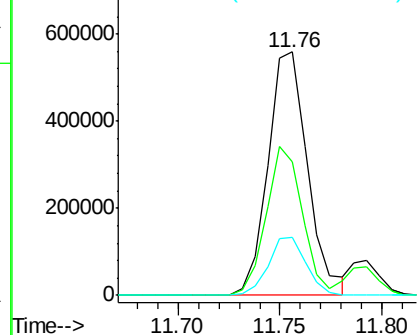
#83
 tert-Butylbenzene
 Concen: 49.595 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 760038
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.9 83.7
 134 22.6 11.3 33.9

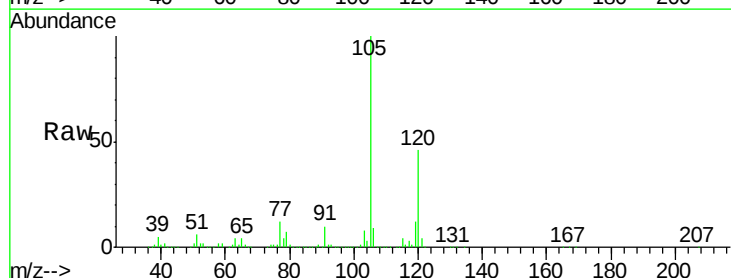


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

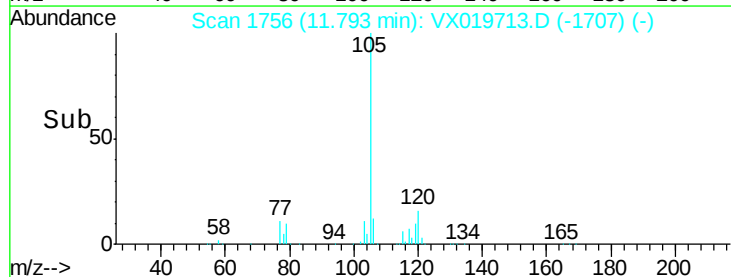
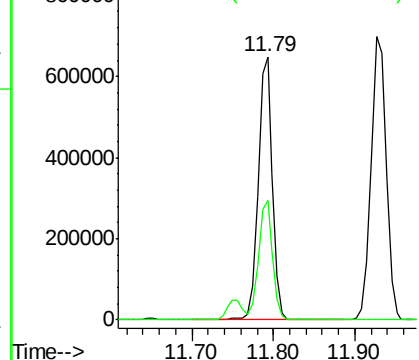


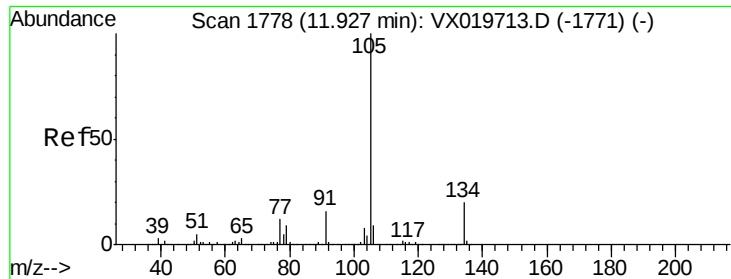
#84
 1,2,4-Trimethylbenzene
 Concen: 50.636 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion:105 Resp: 792048
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3



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

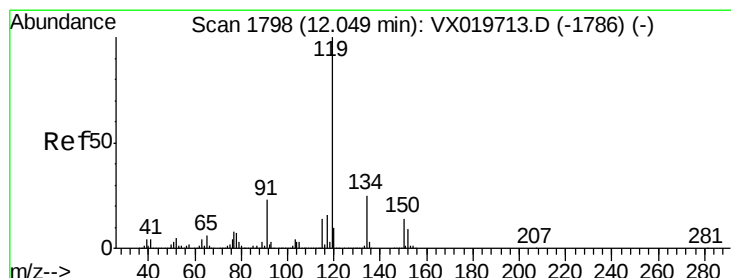
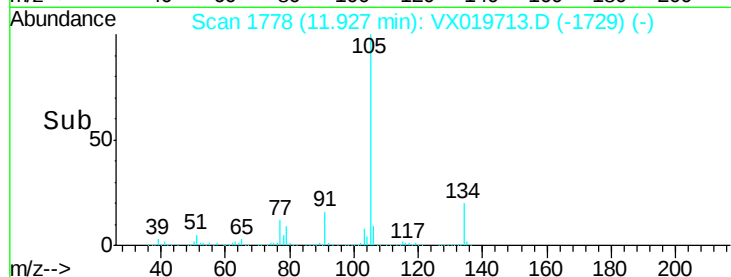
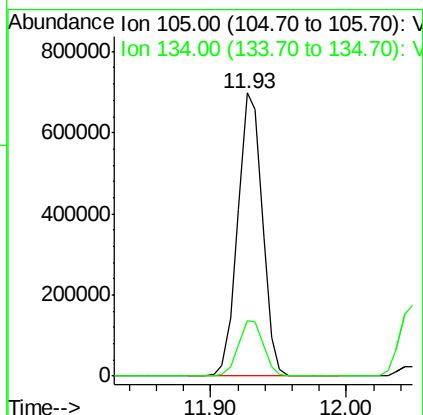
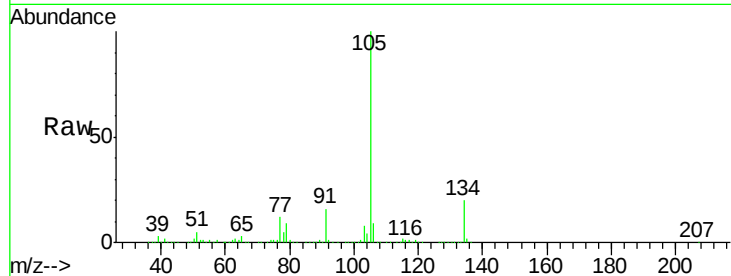




#85
 sec-Butylbenzene
 Concen: 50.348 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

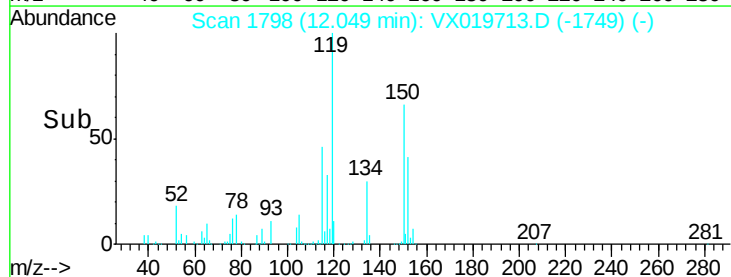
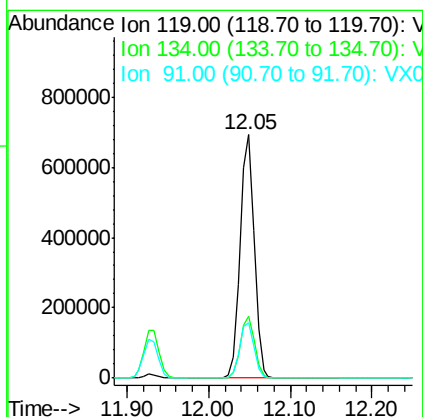
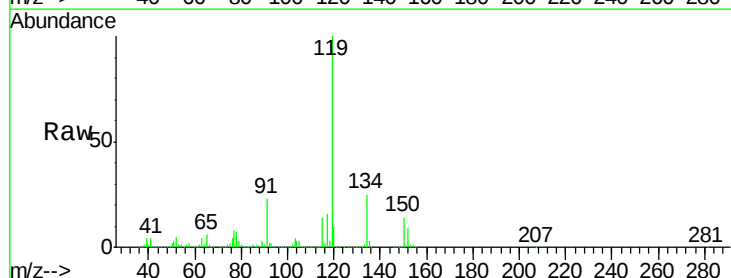
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

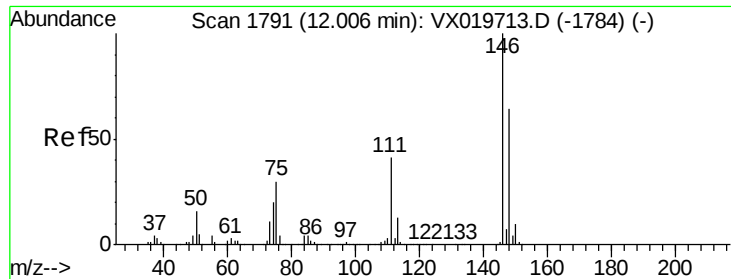
Tgt Ion:105 Resp: 876315
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 50.574 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion:119 Resp: 812268
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 23.3 11.7 35.0

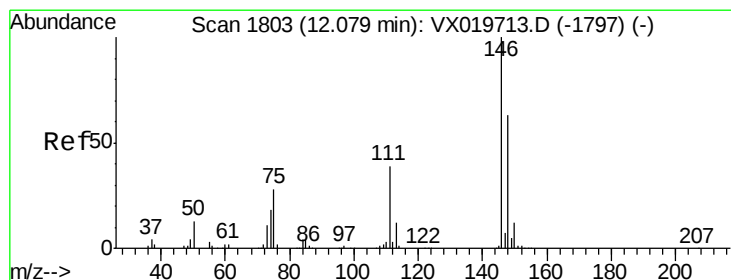
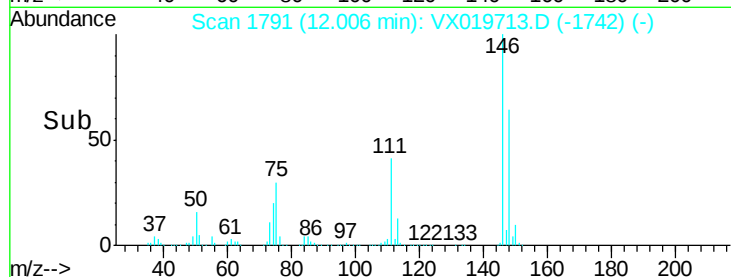
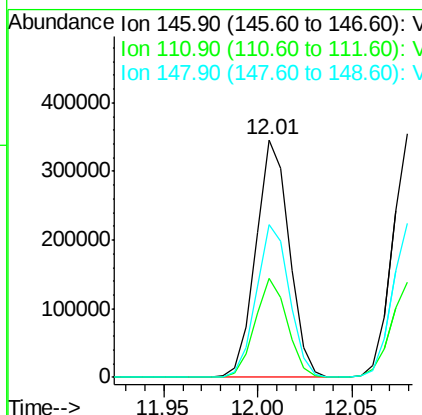
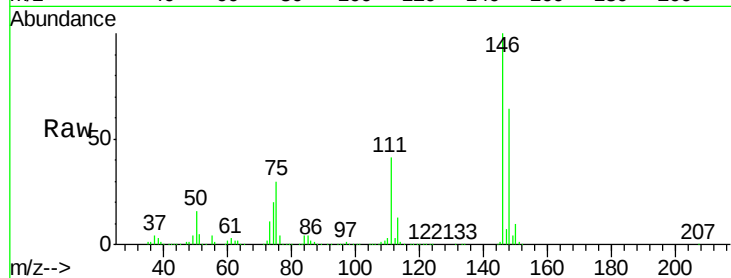




#87
 1,3-Dichlorobenzene
 Concen: 49.120 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

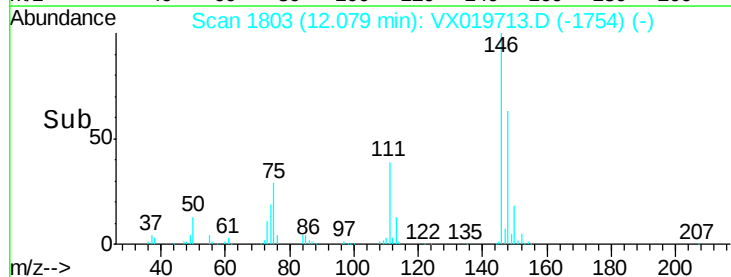
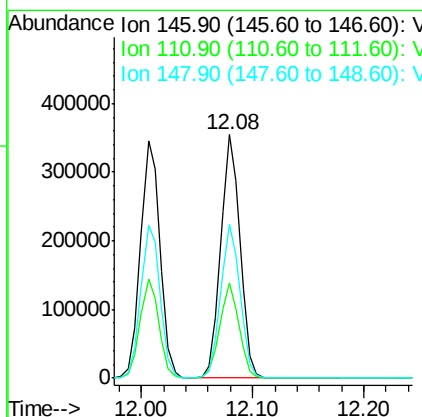
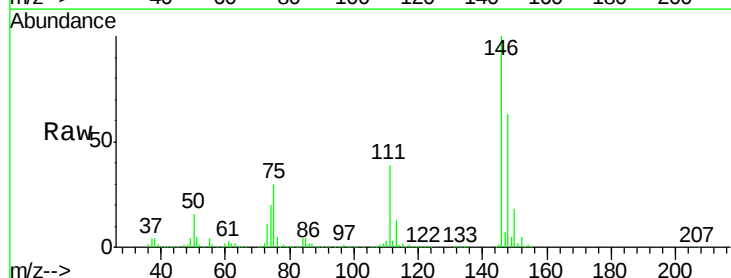
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

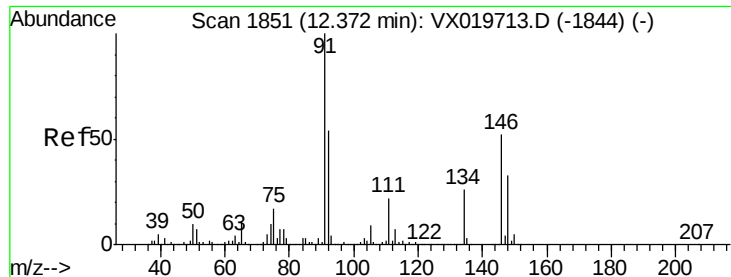
Tgt Ion:146 Resp: 423887
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.270 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion:146 Resp: 425511
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.8
 148 63.3 31.6 95.0





#89

n-Butylbenzene

Concen: 51.006 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

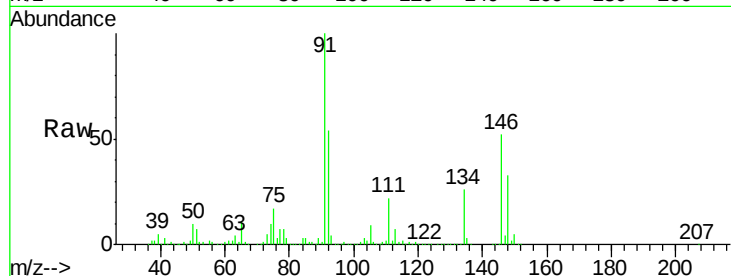
Tgt Ion: 91 Resp: 717826

Ion Ratio Lower Upper

91 100

92 54.7 27.4 82.0

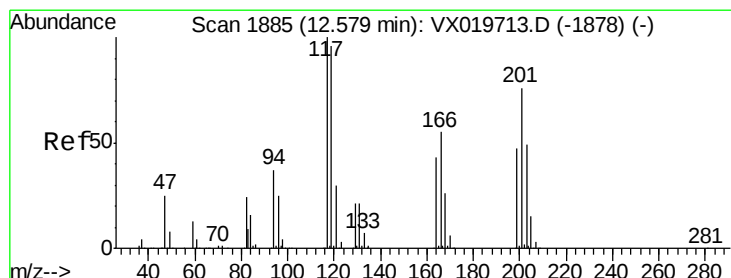
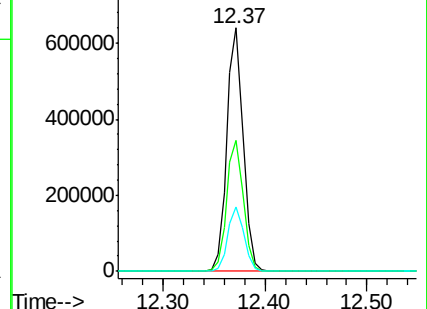
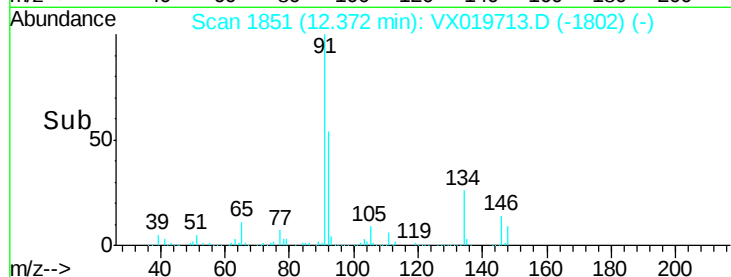
134 26.3 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX019713.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX019713.D (-1844) (-)



#90

Hexachloroethane

Concen: 49.977 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019713.D

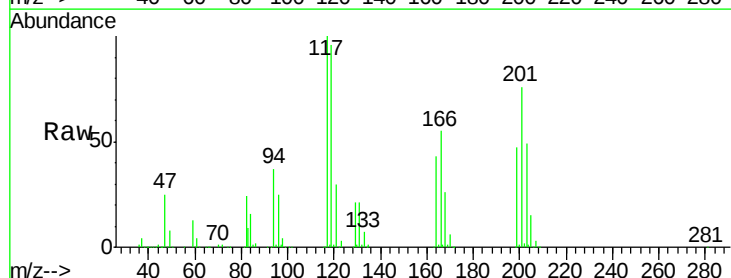
Acq: 04 Dec 2020 12:24

Tgt Ion: 117 Resp: 136485

Ion Ratio Lower Upper

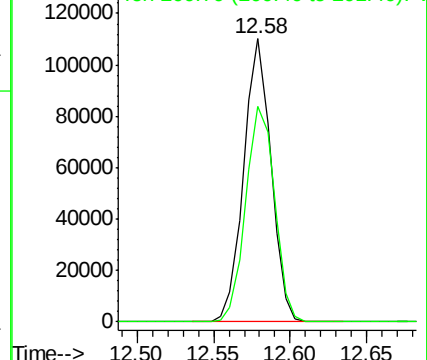
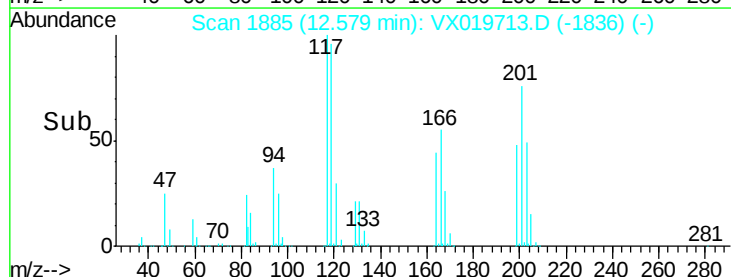
117 100

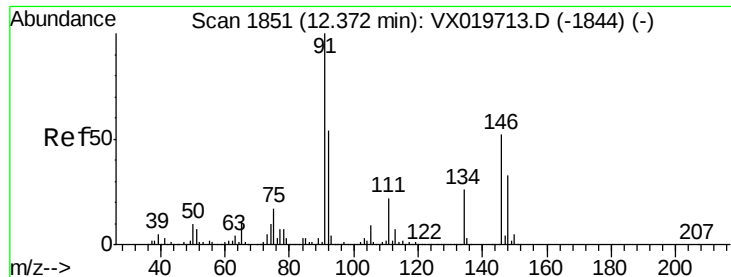
201 80.8 40.4 121.2



Abundance Ion 116.80 (116.50 to 117.50): VX019713.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX019713.D (-1878) (-)

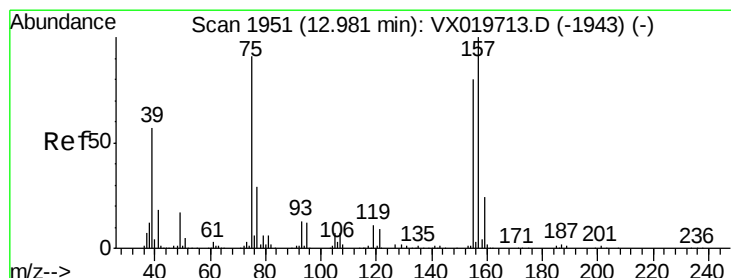
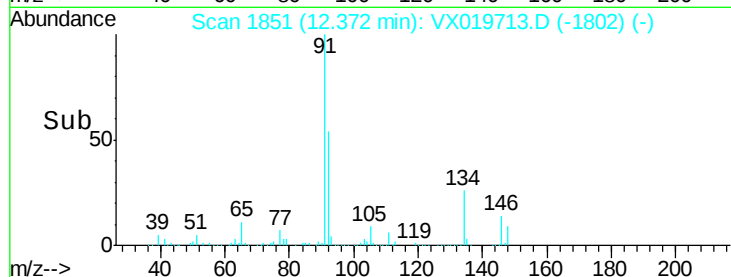
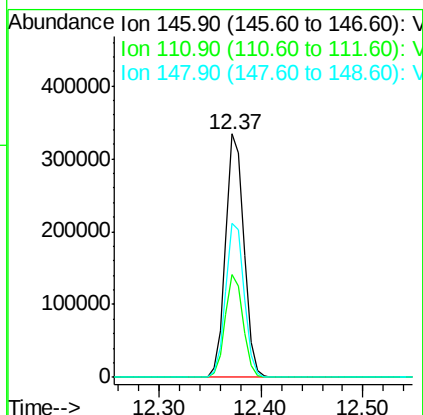
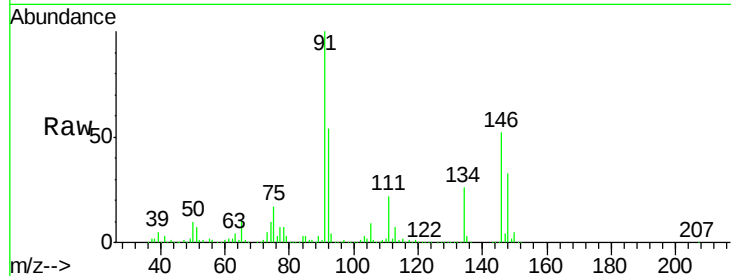




#91
 1,2-Dichlorobenzene
 Concen: 49.203 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

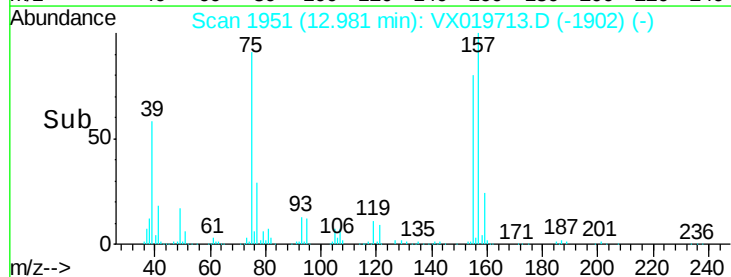
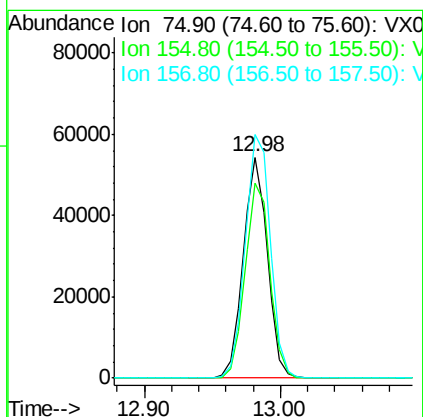
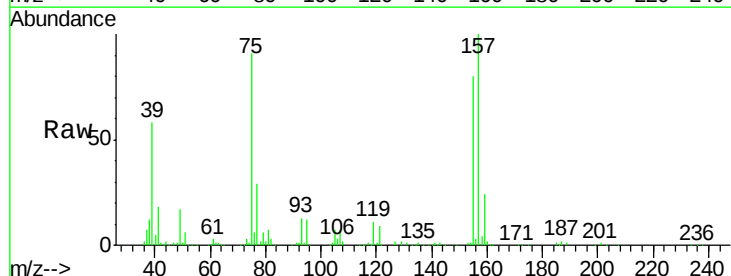
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

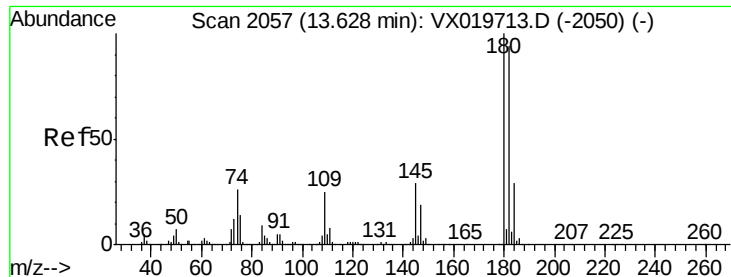
Tgt Ion: 146 Resp: 415677
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.2
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.062 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 75 Resp: 67280
 Ion Ratio Lower Upper
 75 100
 155 90.6 45.3 135.9
 157 115.4 57.7 173.1

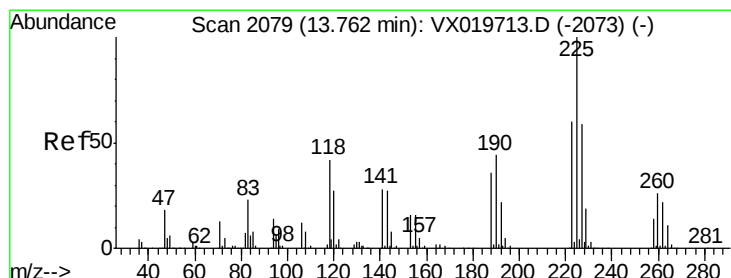
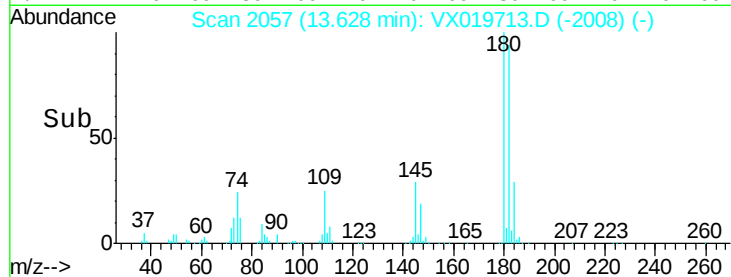
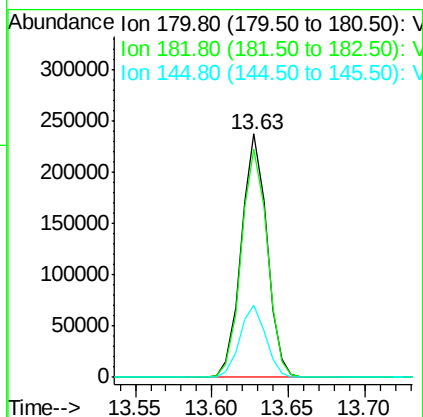
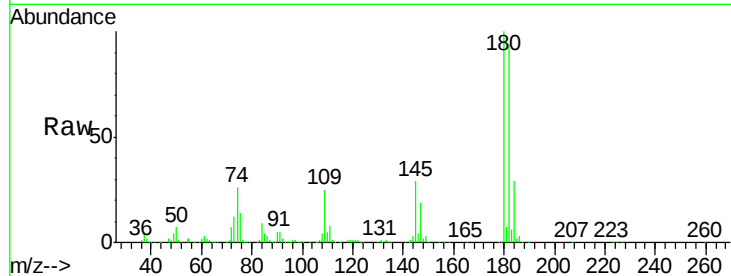




#93
 1,2,4-Trichlorobenzene
 Concen: 50.389 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

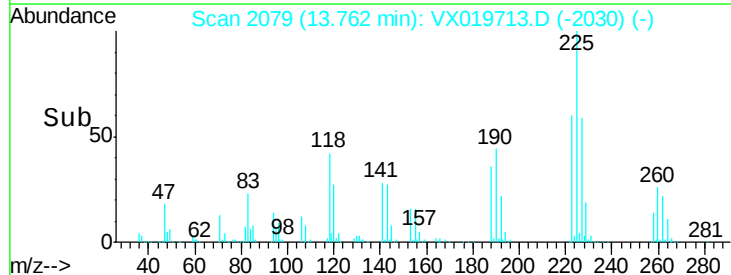
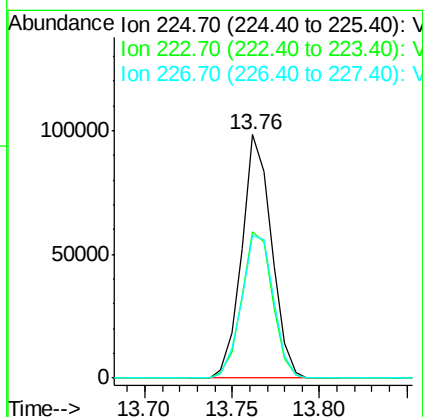
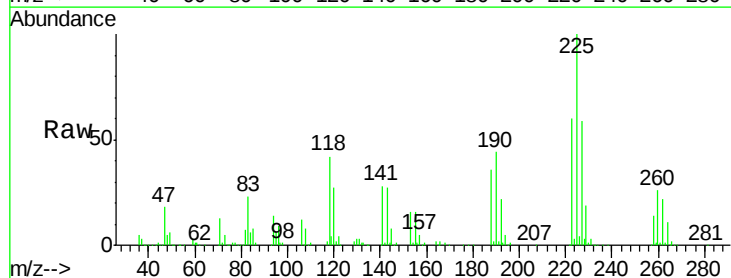
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 ClientSampleId :
 VSTDICCC050

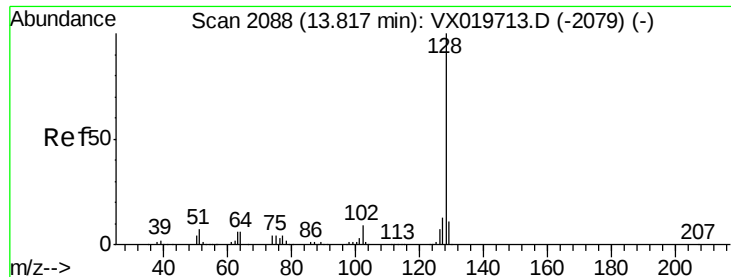
Tgt Ion:180 Resp: 275889
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 30.0 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 50.179 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion:225 Resp: 116574
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.2
 227 63.3 31.6 95.0

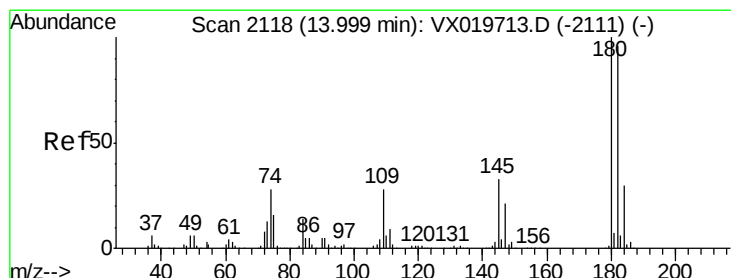
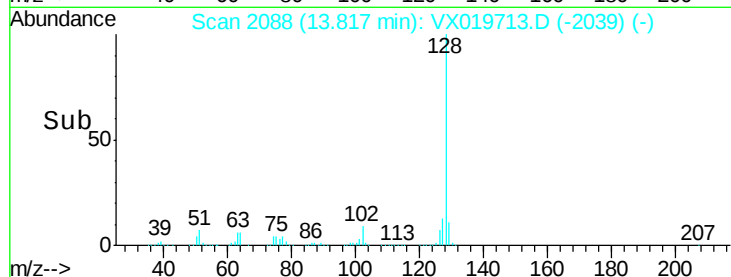
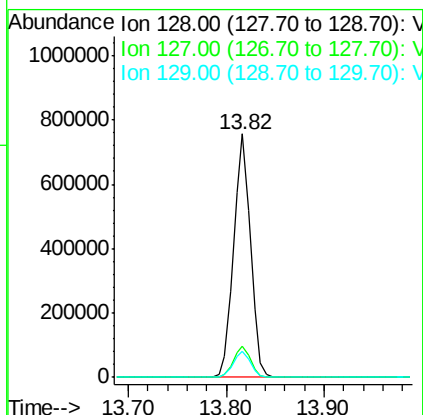
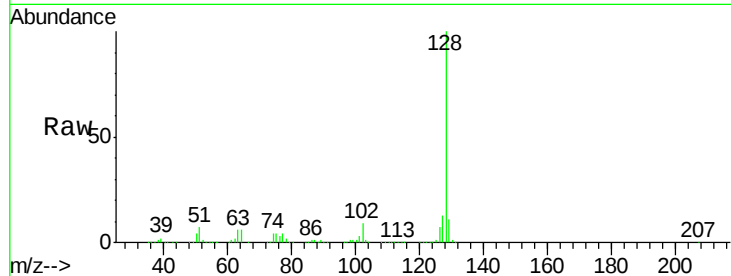




#95
Naphthalene
Concen: 50.719 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 901104
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.592 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion:180 Resp: 269343
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 32.2 16.1 48.3

