

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019797.D
 Acq On : 09 Dec 2020 23:55
 Operator : JC/MD
 Sample : VX1209WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

Quant Time: Dec 10 06:43:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	452525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197052	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	170304	46.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.78%	
35) Dibromofluoromethane		5.46	113	137742	47.10	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.20%	
50) Toluene-d8		8.70	98	533877	47.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.64%	
62) 4-Bromofluorobenzene		11.12	95	196143	46.15	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	47723	18.863	ug/l	98
3) Chloromethane	1.31	50	49200	16.536	ug/l	99
4) Vinyl Chloride	1.39	62	59090	18.835	ug/l	99
5) Bromomethane	1.62	94	31895	30.618	ug/l	98
6) Chloroethane	1.71	64	37869	20.094	ug/l	96
7) Trichlorofluoromethane	1.92	101	83459	19.102	ug/l	98
8) Diethyl Ether	2.17	74	34957	18.880	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	49050	19.586	ug/l	100
10) Methyl Iodide	2.49	142	52403	14.196	ug/l	99
11) Tert butyl alcohol	3.01	59	80429	106.216	ug/l	97
12) 1,1-Dichloroethene	2.36	96	49129	19.405	ug/l	100
13) Acrolein	2.27	56	26714	66.637	ug/l	99
14) Allyl chloride	2.70	41	77467	18.116	ug/l	98
15) Acrylonitrile	3.11	53	162248	98.819	ug/l	100
16) Acetone	2.42	43	127376	93.307	ug/l	98
17) Carbon Disulfide	2.55	76	120912	16.644	ug/l	100
18) Methyl Acetate	2.75	43	68895	20.624	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	177951	19.300	ug/l	100
20) Methylene Chloride	2.83	84	60817	18.622	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	55100	18.667	ug/l	99
22) Diisopropyl ether	3.82	45	170144	19.680	ug/l	96
23) Vinyl Acetate	3.78	43	711411	96.585	ug/l	99
24) 1,1-Dichloroethane	3.67	63	100485	19.274	ug/l	99
25) 2-Butanone	4.63	43	205156	97.802	ug/l	98
26) 2,2-Dichloropropane	4.55	77	72224	16.087	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	65274	18.896	ug/l	98
28) Bromochloromethane	4.98	49	49454	19.898	ug/l	99
29) Tetrahydrofuran	5.09	42	131951	97.633	ug/l	99
30) Chloroform	5.17	83	104680	19.527	ug/l	98
31) Cyclohexane	5.55	56	86000	19.036	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	88169	19.099	ug/l	100
36) 1,1-Dichloropropene	5.76	75	75701	18.513	ug/l	99
37) Ethyl Acetate	4.79	43	77985	18.889	ug/l	99
38) Carbon Tetrachloride	5.75	117	73658	18.395	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	85020	17.697	ug/l	98
40) Benzene	6.11	78	238330	19.080	ug/l	98
41) Methacrylonitrile	5.00	41	41912	18.489	ug/l	95
42) 1,2-Dichloroethane	6.16	62	82862	19.415	ug/l	100
43) Isopropyl Acetate	6.41	43	125578	18.708	ug/l	100
44) Trichloroethene	7.19	130	61428	18.743	ug/l	95
45) 1,2-Dichloropropane	7.49	63	59841	19.168	ug/l	97
46) Dibromomethane	7.63	93	40173	19.055	ug/l	98
47) Bromodichloromethane	7.87	83	78085	18.665	ug/l	99
48) Methyl methacrylate	7.74	41	61235	18.549	ug/l	100
49) 1,4-Dioxane	7.71	88	30651	383.274	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	401266	97.914	ug/l	100
52) Toluene	8.76	92	148298	18.982	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	81172	17.485	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	90769	17.997	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	61602	19.567	ug/l	99
56) Ethyl methacrylate	9.16	69	89088	18.703	ug/l	100
57) 1,3-Dichloropropane	9.35	76	102733	19.110	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	247708	98.164	ug/l	100
59) 2-Hexanone	9.47	43	302313	95.168	ug/l	100
60) Dibromochloromethane	9.56	129	59703	18.665	ug/l	100
61) 1,2-Dibromoethane	9.65	107	63555	19.011	ug/l	100
64) Tetrachloroethene	9.32	164	54013	19.289	ug/l	95
65) Chlorobenzene	10.12	112	155179	18.653	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	56914	19.008	ug/l	99
67) Ethyl Benzene	10.23	91	276633	18.734	ug/l	98
68) m/p-Xylenes	10.34	106	208053	37.391	ug/l	100
69) o-Xylene	10.68	106	98900	18.477	ug/l	99
70) Styrene	10.70	104	165922	18.365	ug/l	99
71) Bromoform	10.84	173	42518	18.050	ug/l #	100
73) Isopropylbenzene	11.00	105	268148	19.918	ug/l	99
74) N-amyl acetate	10.88	43	100598	18.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	96232	20.275	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	103574	23.435	ug/l	89
77) Bromobenzene	11.24	156	67260	19.523	ug/l	100
78) n-propylbenzene	11.34	91	300947	19.572	ug/l	99
79) 2-Chlorotoluene	11.40	91	184207	19.454	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	227067	19.985	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	25746	16.840	ug/l	93
82) 4-Chlorotoluene	11.49	91	215822	19.461	ug/l	98
83) tert-Butylbenzene	11.76	119	217519	19.520	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	225380	19.692	ug/l	100
85) sec-Butylbenzene	11.93	105	251275	19.750	ug/l	99
86) p-Isopropyltoluene	12.05	119	225484	19.338	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	118930	18.808	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	121502	18.866	ug/l	99
89) n-Butylbenzene	12.37	91	188995	18.295	ug/l	98
90) Hexachloroethane	12.58	117	37668	18.712	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	121127	19.651	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19886	19.489	ug/l	96

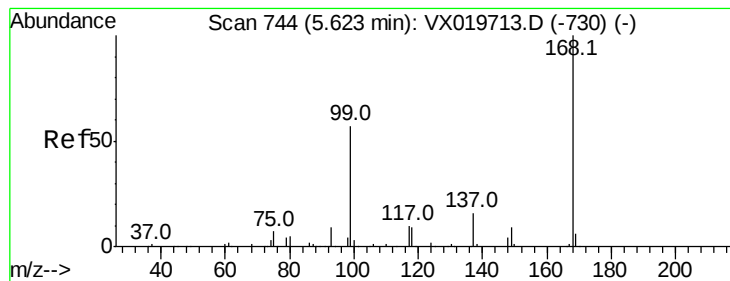
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73945	18.429	ug/l	97
94) Hexachlorobutadiene	13.76	225	33398	18.623	ug/l	98
95) Naphthalene	13.82	128	253430	19.482	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	75482	19.249	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

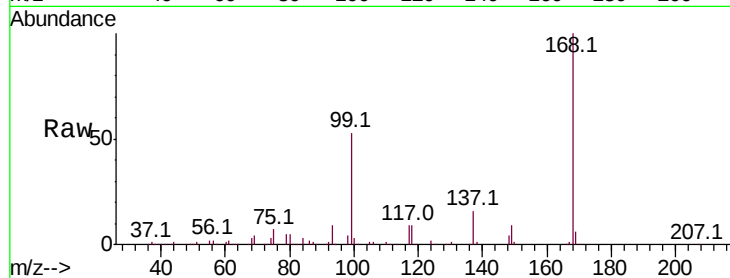
VX1209WBS02

Tot Ion:168 Resp: 276336

Ion Ratio Lower Upper

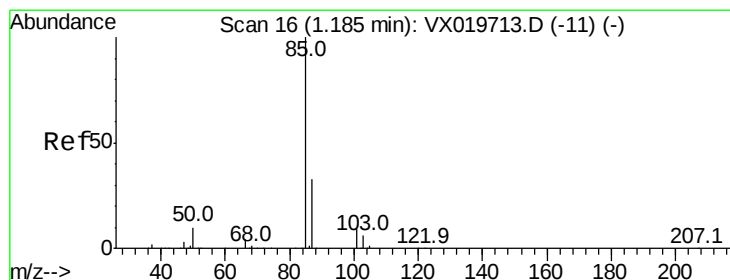
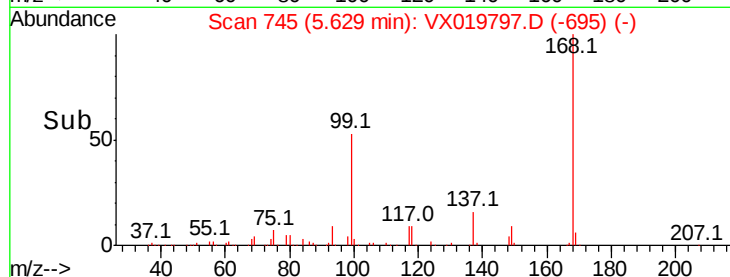
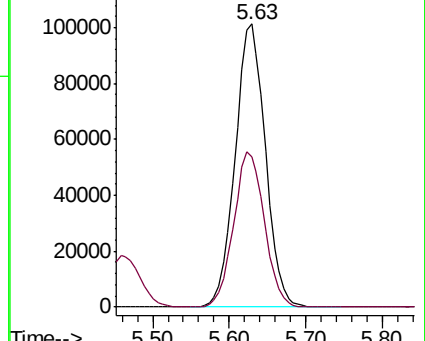
168 100

99 53.1 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: 18.863 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019797.D

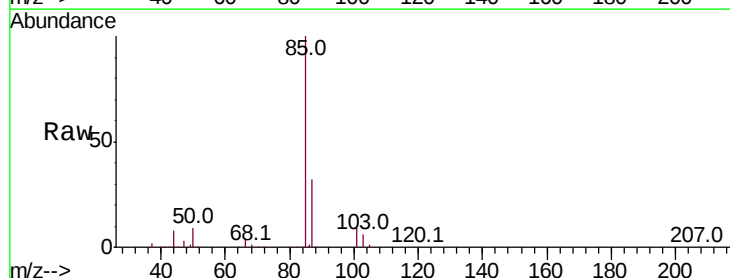
Acq: 09 Dec 2020 23:55

Tgt Ion: 85 Resp: 47723

Ion Ratio Lower Upper

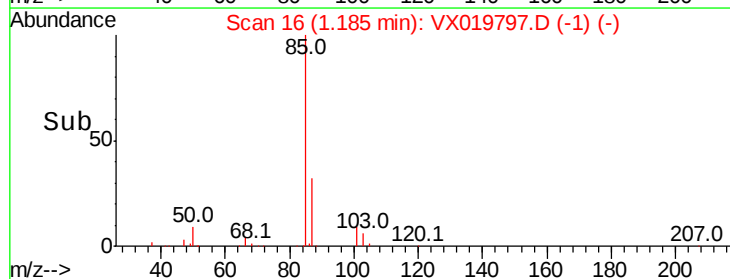
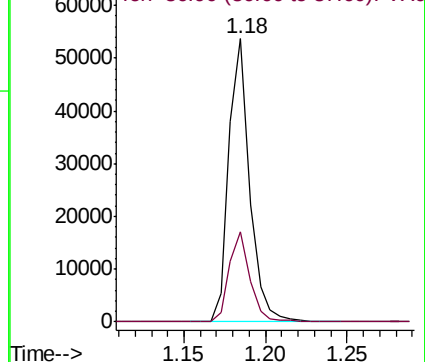
85 100

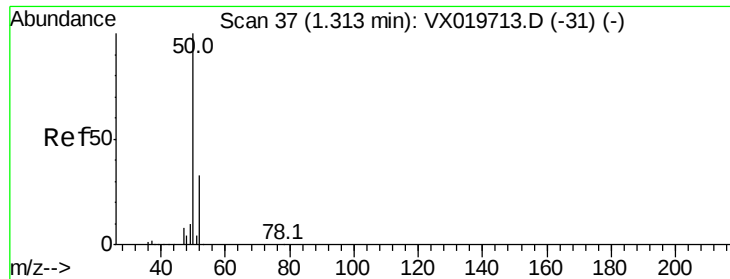
87 31.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.536 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

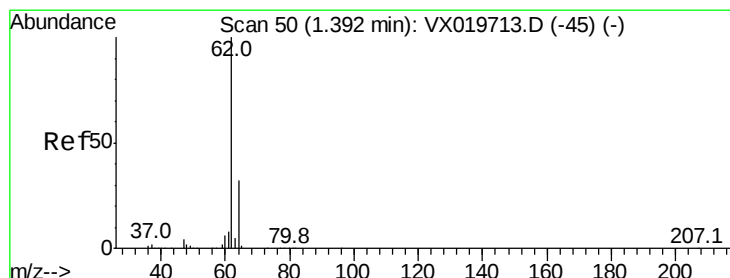
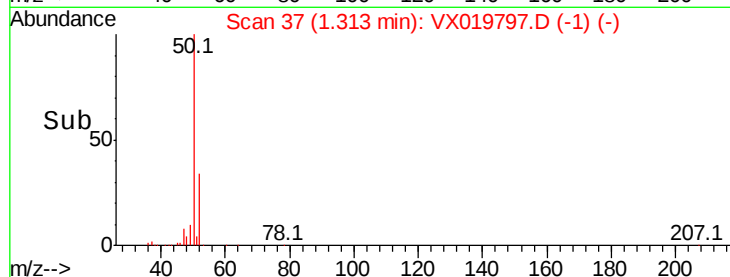
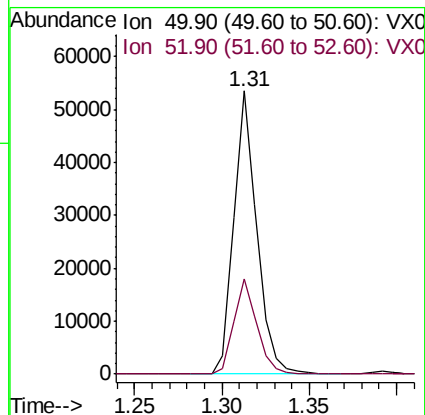
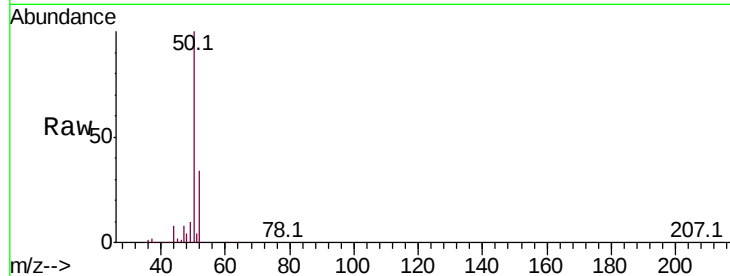
VX1209WBS02

Tot Ion: 50 Resp: 49200

Ion Ratio Lower Upper

50 100

52 33.7 26.4 39.6



#4

Vinyl Chloride

Concen: 18.835 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019797.D

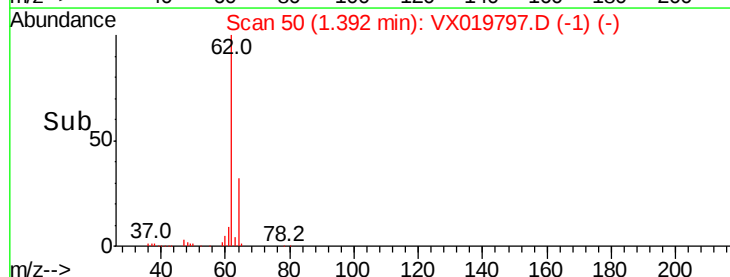
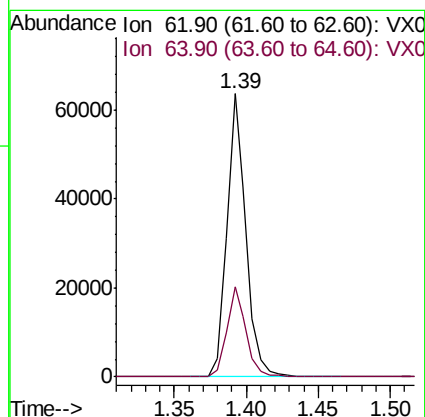
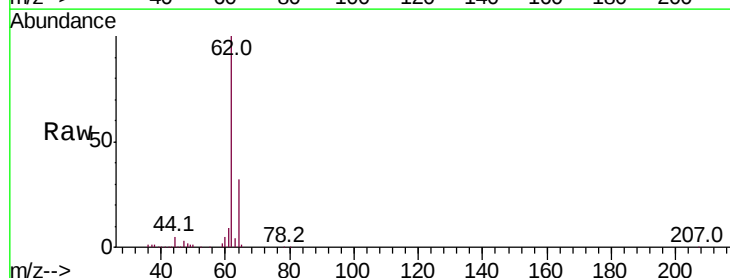
Acq: 09 Dec 2020 23:55

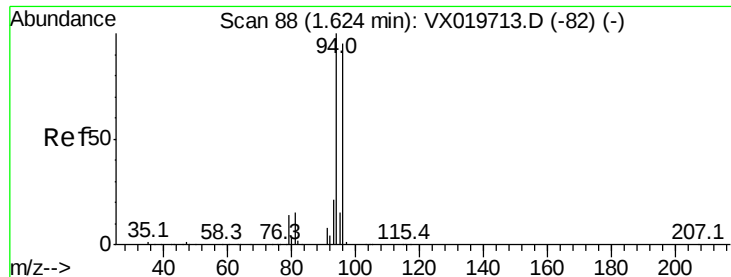
Tgt Ion: 62 Resp: 59090

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 30.618 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

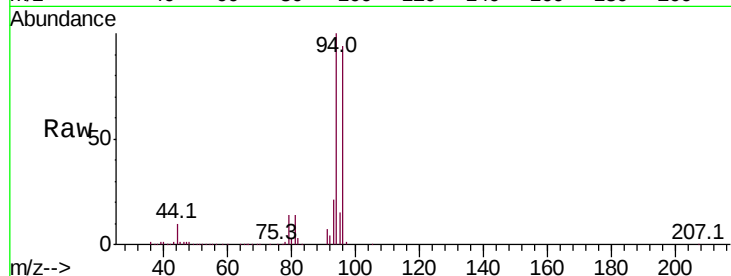
VX1209WBS02

Tot Ion: 94 Resp: 31895

Ion Ratio Lower Upper

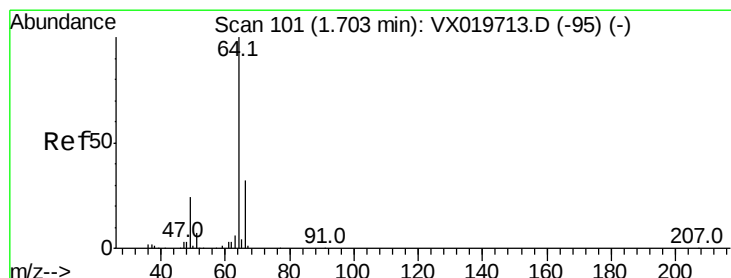
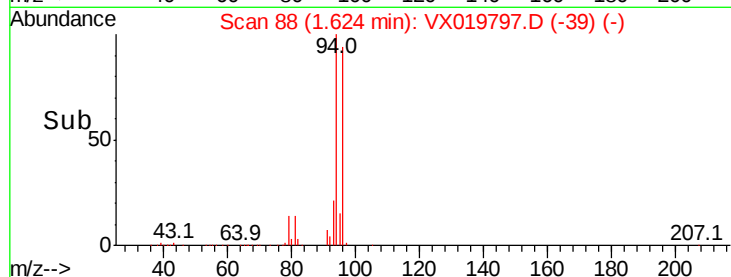
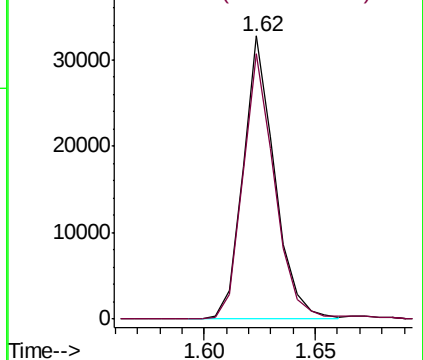
94 100

96 93.9 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: 20.094 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019797.D

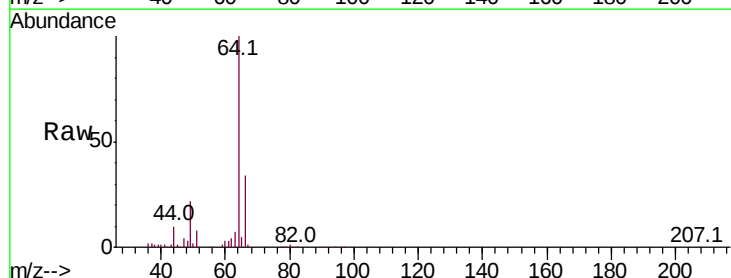
Acq: 09 Dec 2020 23:55

Tgt Ion: 64 Resp: 37869

Ion Ratio Lower Upper

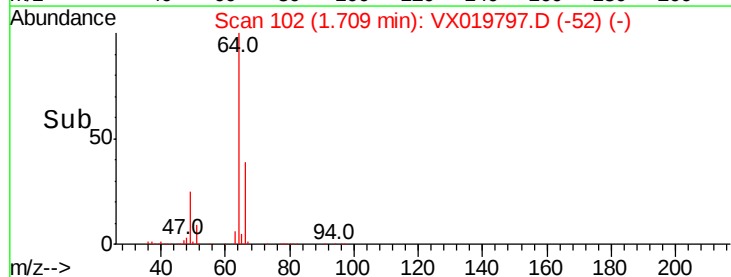
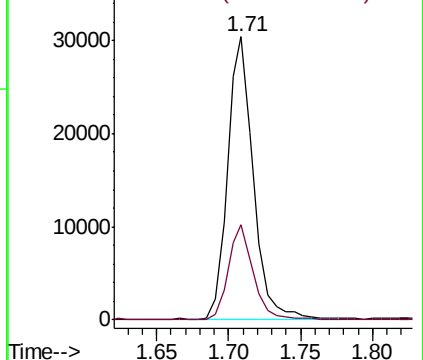
64 100

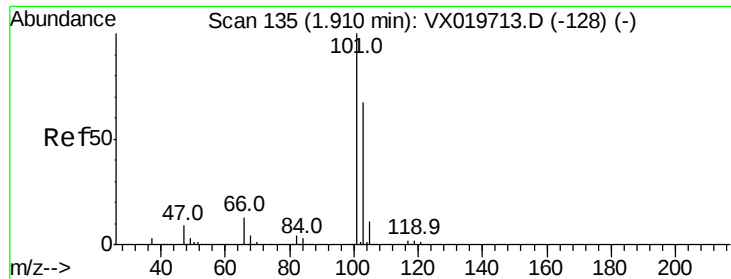
66 33.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



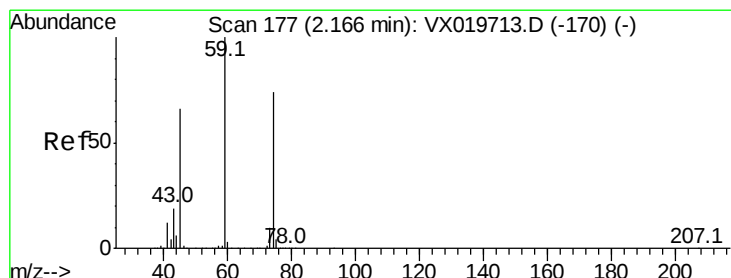
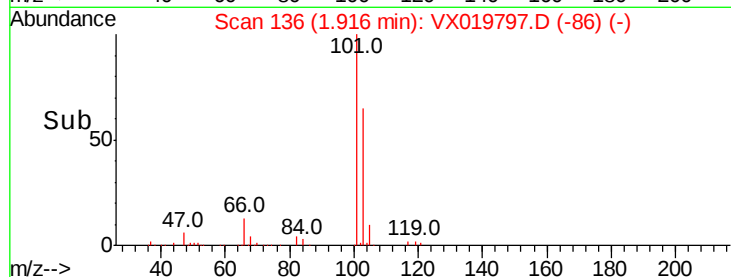
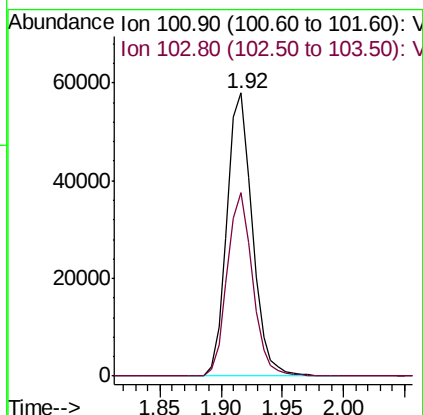
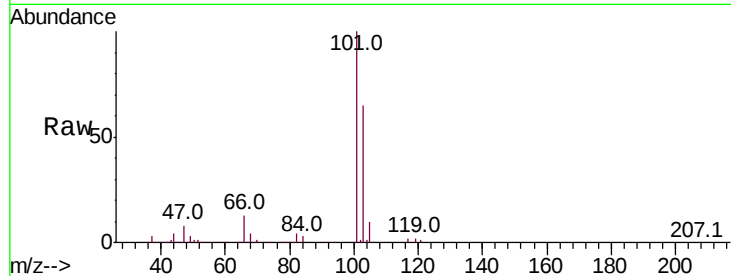


#7

Trichlorofluoromethane
Concen: 19.102 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

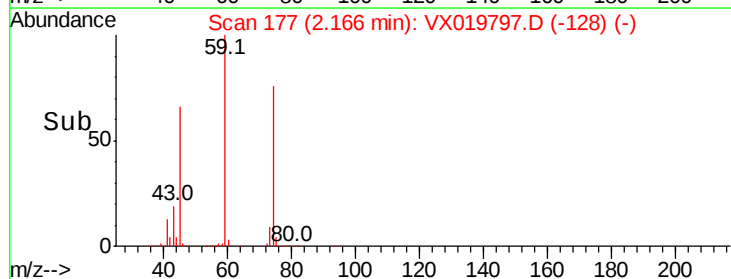
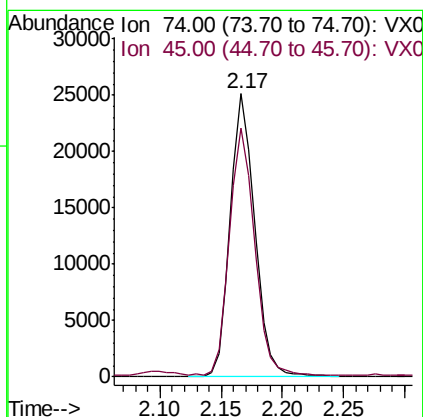
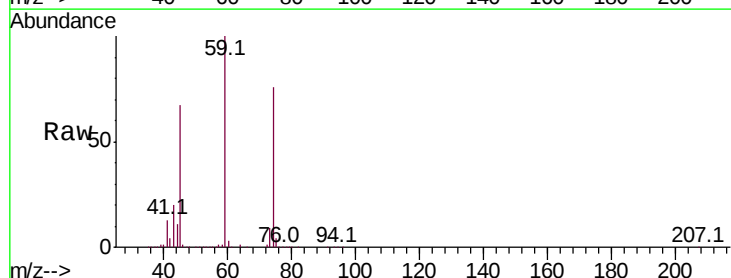
Tot Ion:101 Resp: 83459
Ion Ratio Lower Upper
101 100
103 64.9 53.2 79.8

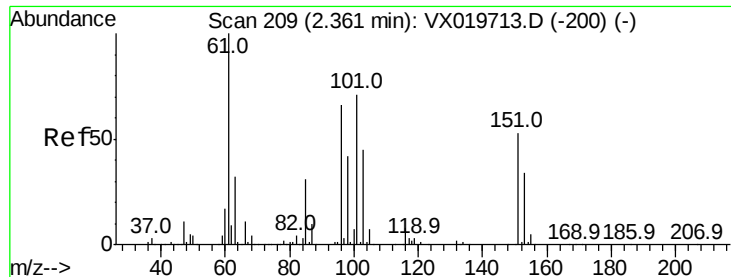


#8

Diethyl Ether
Concen: 18.880 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion: 74 Resp: 34957
Ion Ratio Lower Upper
74 100
45 89.5 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.586 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

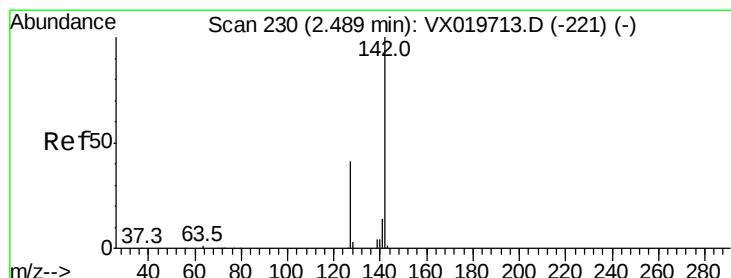
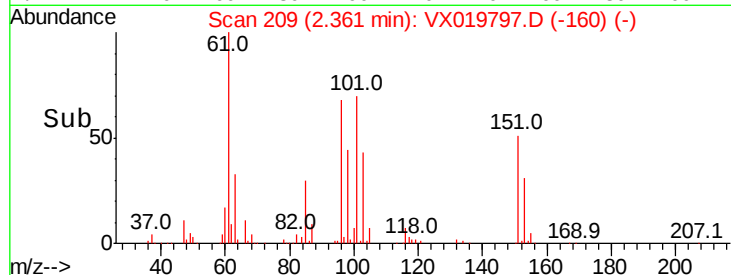
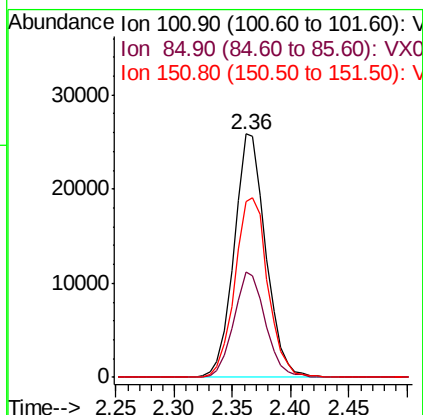
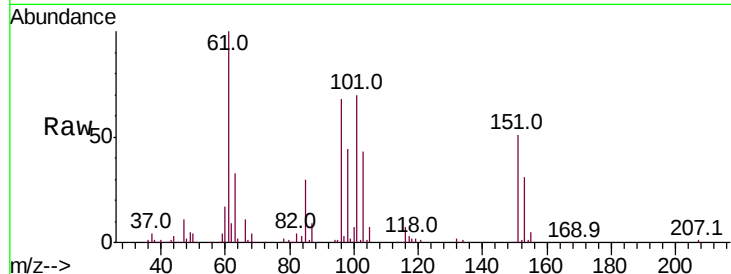
Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

Tot Ion:101 Resp: 49050

Ion	Ratio	Lower	Upper
101	100		
85	43.1	34.9	52.3
151	76.7	61.4	92.2



#10

Methyl Iodide

Concen: 14.196 ug/l

RT: 2.49 min Scan# 230

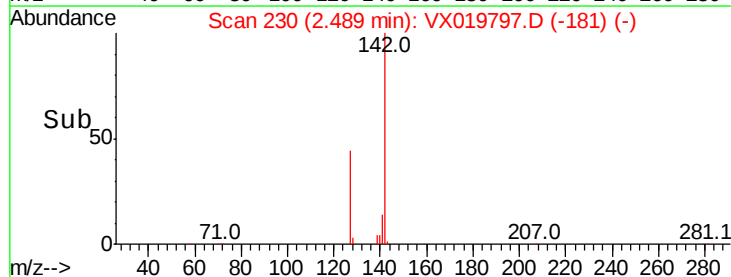
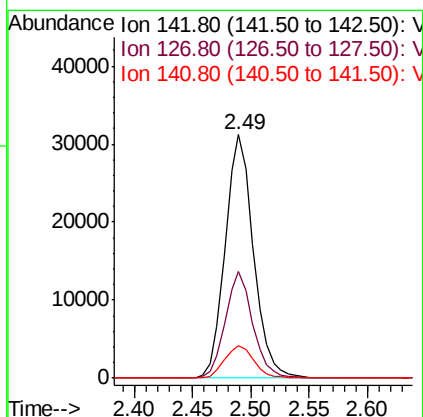
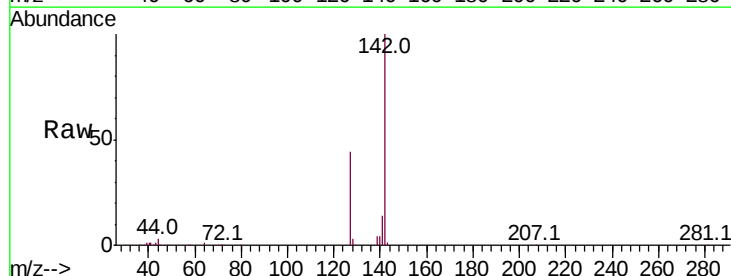
Delta R.T. -0.00 min

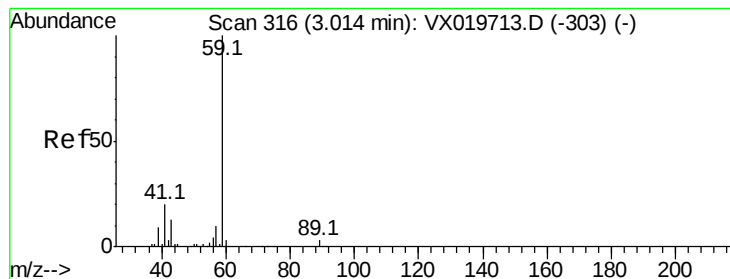
Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Tgt Ion:142 Resp: 52403

Ion	Ratio	Lower	Upper
142	100		
127	42.6	33.3	49.9
141	14.0	11.4	17.0



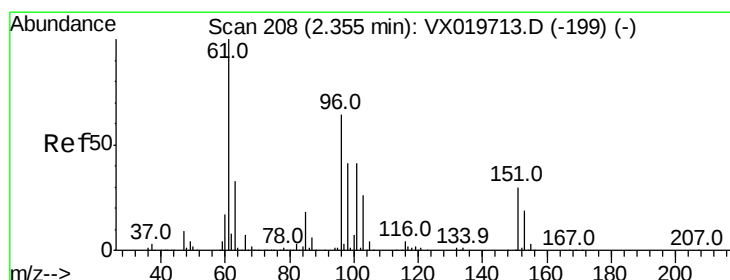
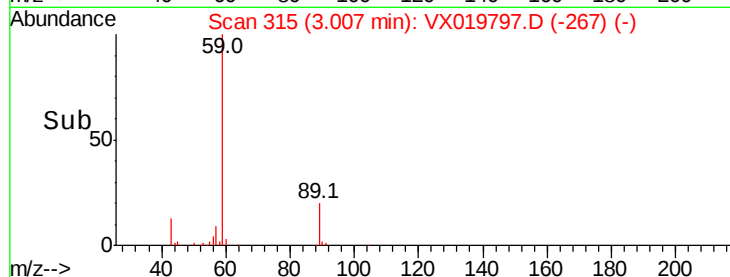
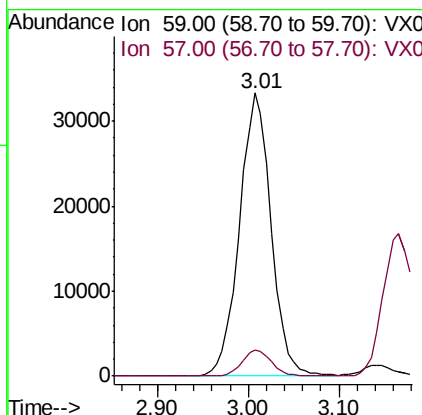
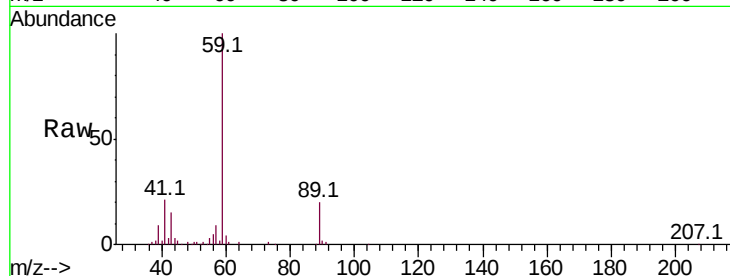


#11

Tert butyl alcohol
Concen: 106.216 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

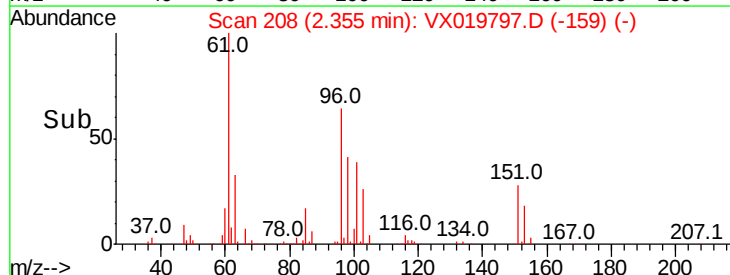
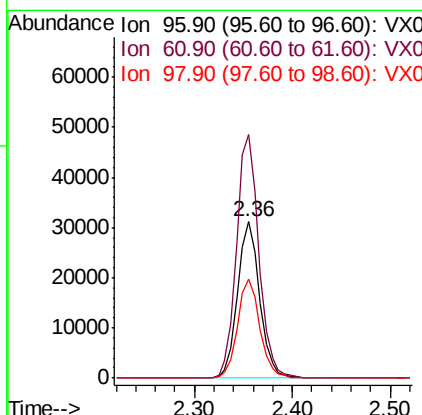
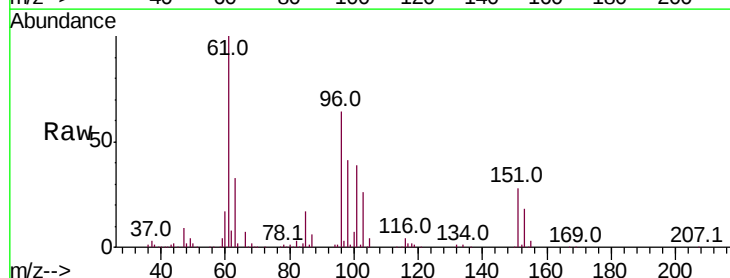
Tot Ion: 59 Resp: 80429
Ion Ratio Lower Upper
59 100
57 8.7 7.8 11.8

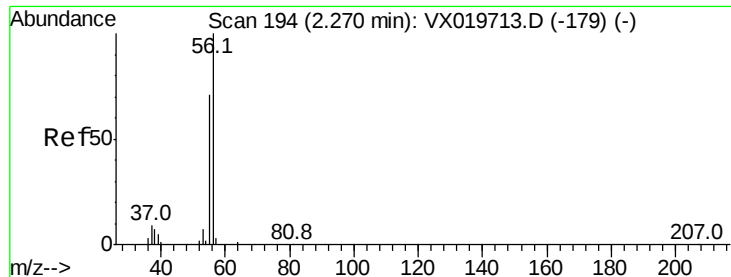


#12

1,1-Dichloroethene
Concen: 19.405 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion: 96 Resp: 49129
Ion Ratio Lower Upper
96 100
61 156.0 124.6 187.0
98 63.5 50.6 76.0





#13

Acrolein

Concen: 66.637 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

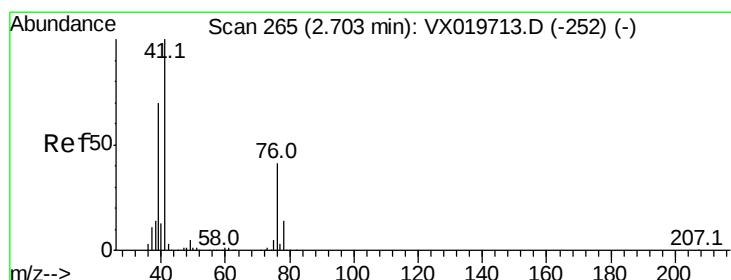
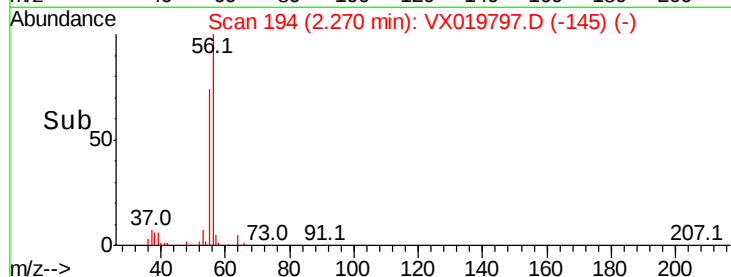
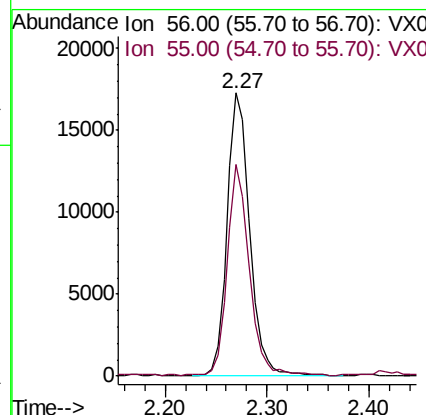
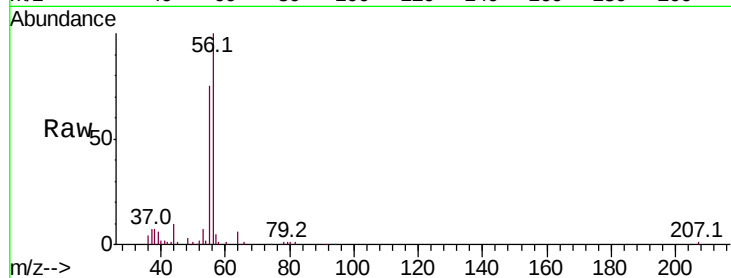
VX1209WBS02

Tot Ion: 56 Resp: 26714

Ion Ratio Lower Upper

56 100

55 71.6 56.4 84.6



#14

Allyl chloride

Concen: 18.116 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

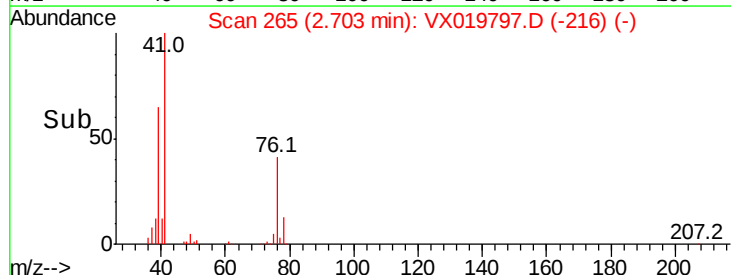
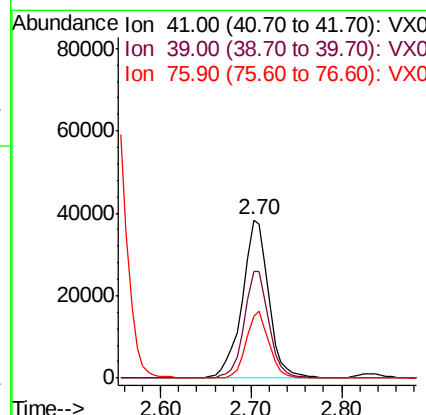
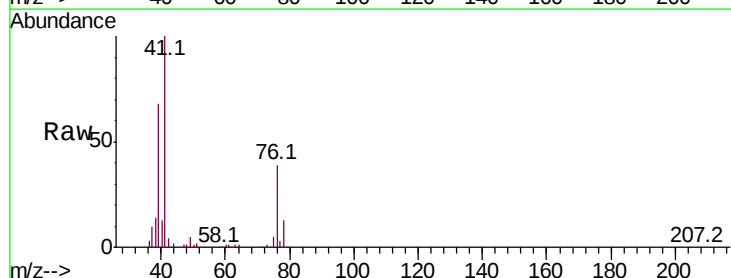
Tgt Ion: 41 Resp: 77467

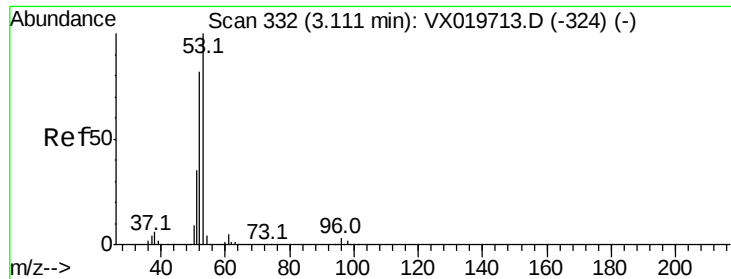
Ion Ratio Lower Upper

41 100

39 63.4 51.6 77.4

76 36.4 30.5 45.7





#15

Acrylonitrile

Concen: 98.819 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

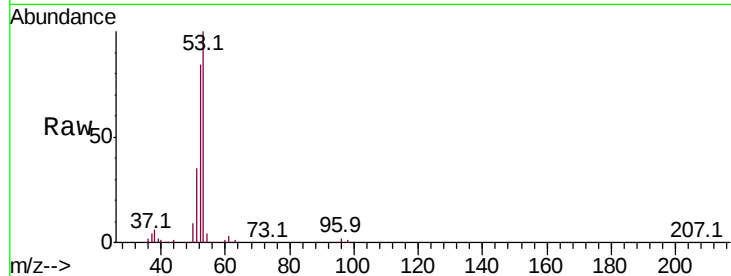
Tot Ion: 53 Resp: 162248

Ion Ratio Lower Upper

53 100

52 82.0 65.3 97.9

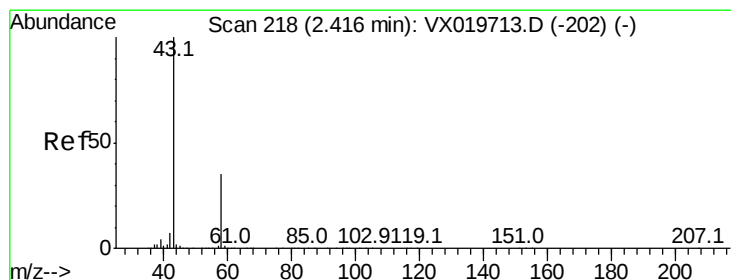
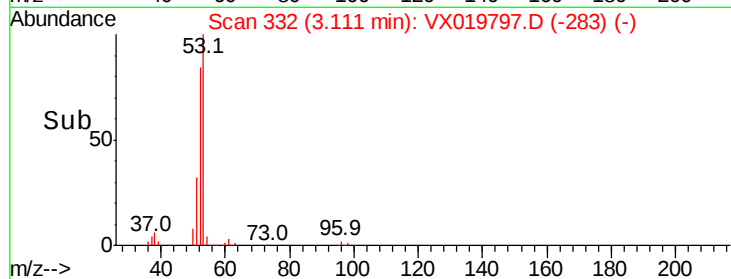
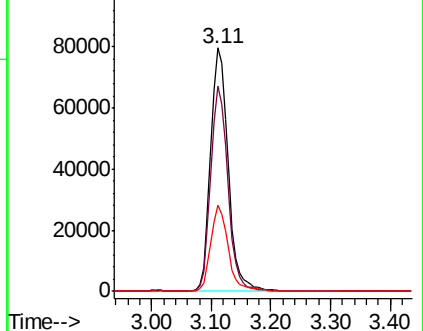
51 35.0 28.2 42.2



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: 93.307 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019797.D

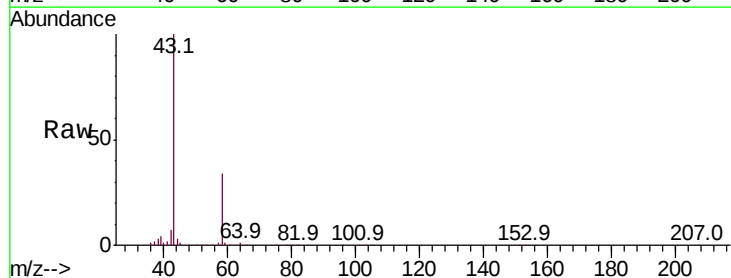
Acq: 09 Dec 2020 23:55

Tgt Ion: 43 Resp: 127376

Ion Ratio Lower Upper

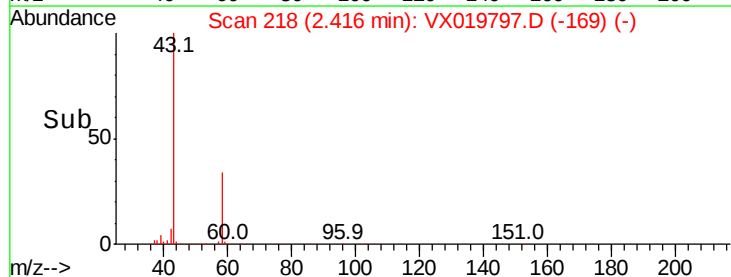
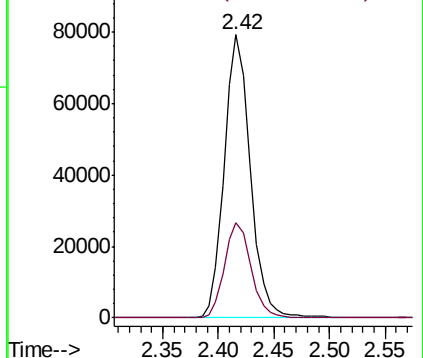
43 100

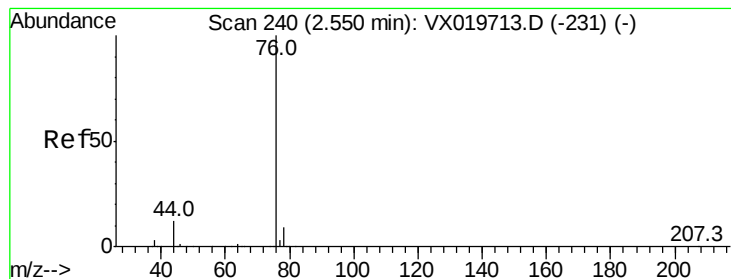
58 33.9 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.644 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

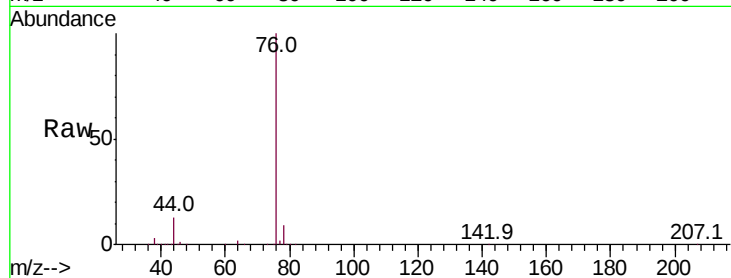
VX1209WBS02

Tot Ion: 76 Resp: 120912

Ion Ratio Lower Upper

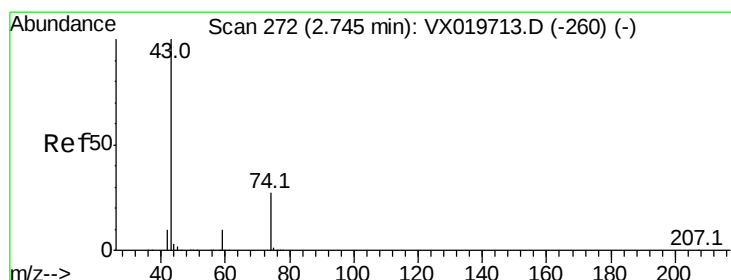
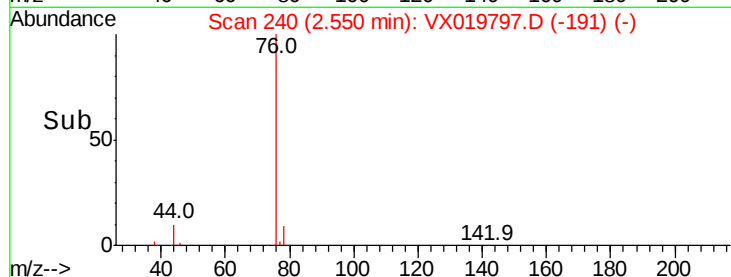
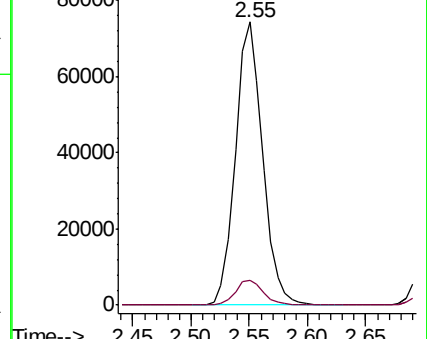
76 100

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: 20.624 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019797.D

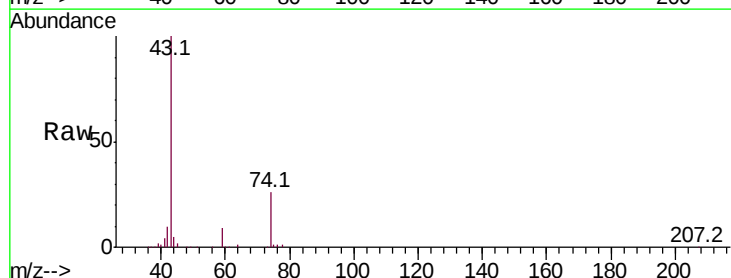
Acq: 09 Dec 2020 23:55

Tgt Ion: 43 Resp: 68895

Ion Ratio Lower Upper

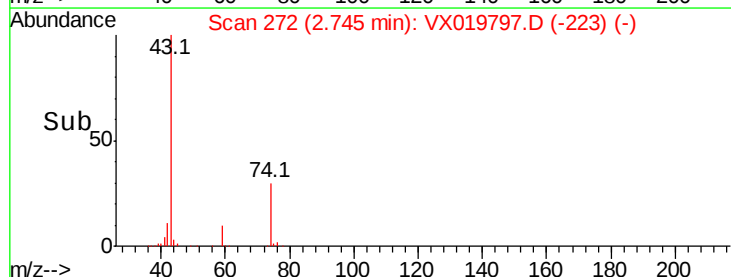
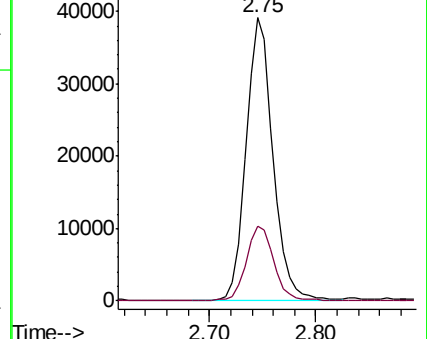
43 100

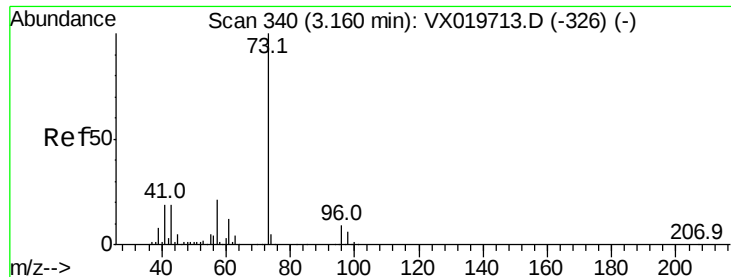
74 27.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



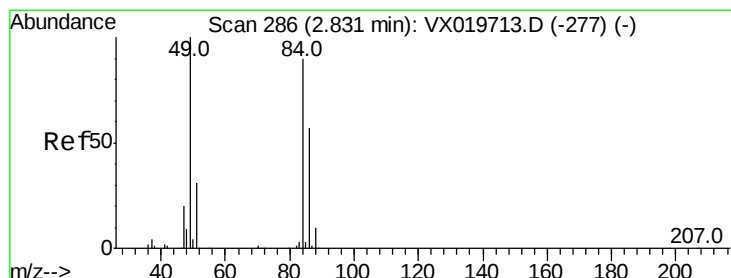
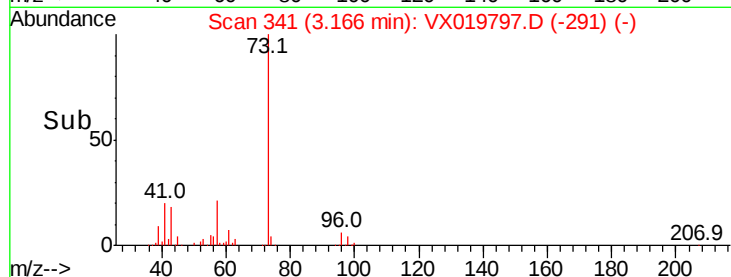
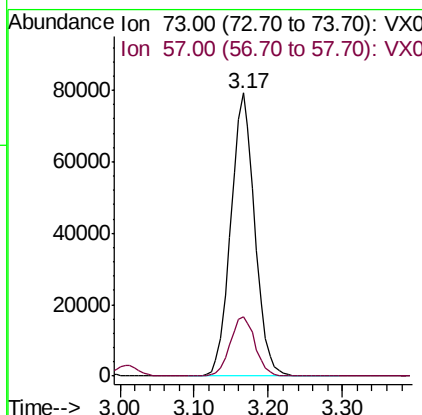
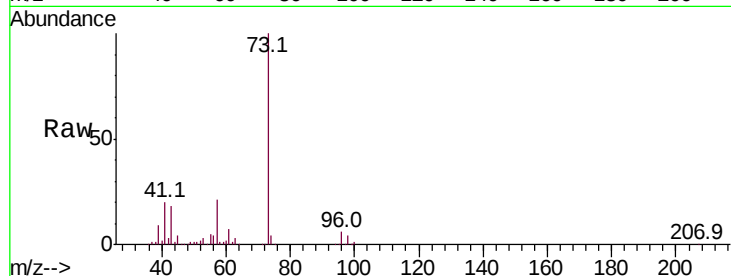


#19

Methyl tert-butyl Ether
 Concen: 19.300 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019797.D
 Acq: 09 Dec 2020 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

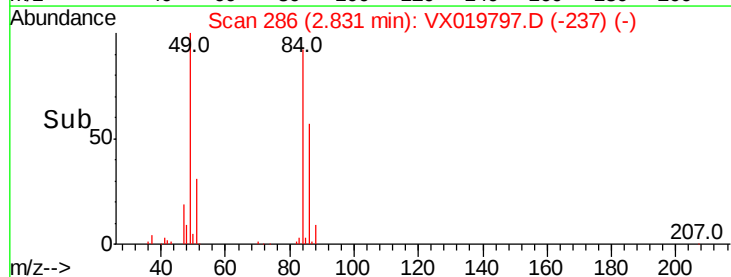
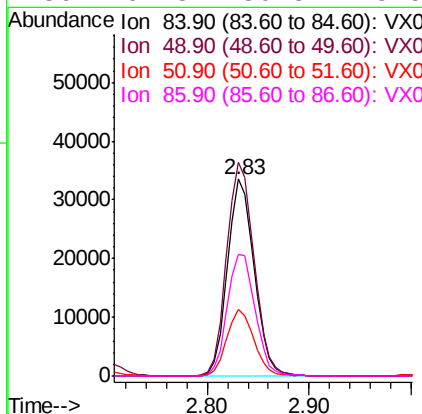
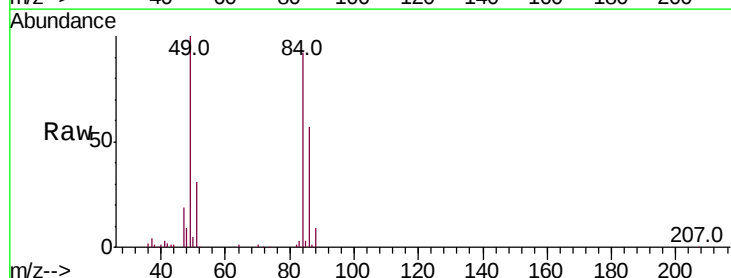
Tot Ion: 73 Resp: 177951
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.1 25.7

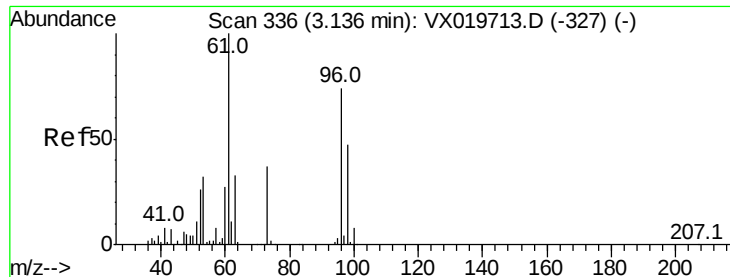


#20

Methylene Chloride
 Concen: 18.622 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019797.D
 Acq: 09 Dec 2020 23:55

Tgt Ion: 84 Resp: 60817
 Ion Ratio Lower Upper
 84 100
 49 108.7 88.6 132.8
 51 33.9 27.0 40.6
 86 61.8 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 18.667 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

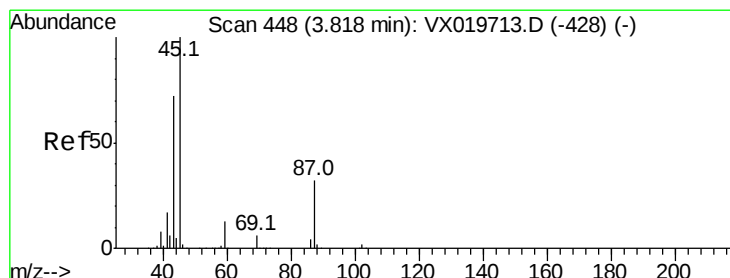
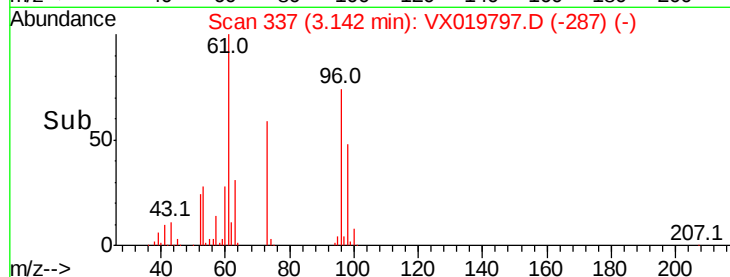
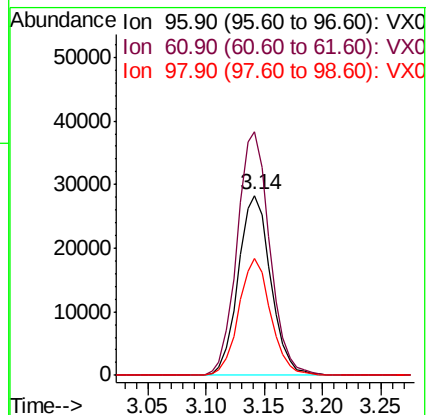
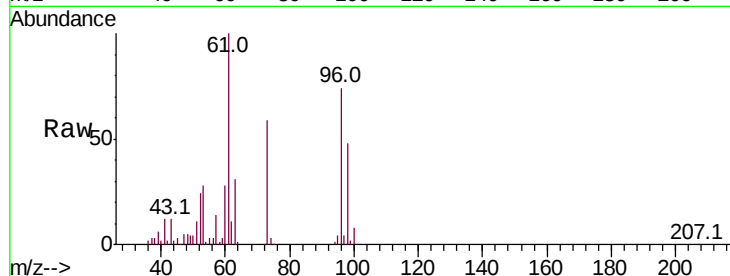
Tot Ion: 96 Resp: 55100

Ion Ratio Lower Upper

96 100

61 135.5 107.7 161.5

98 64.9 50.4 75.6



#22

Diisopropyl ether

Concen: 19.680 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Tgt Ion: 45 Resp: 170144

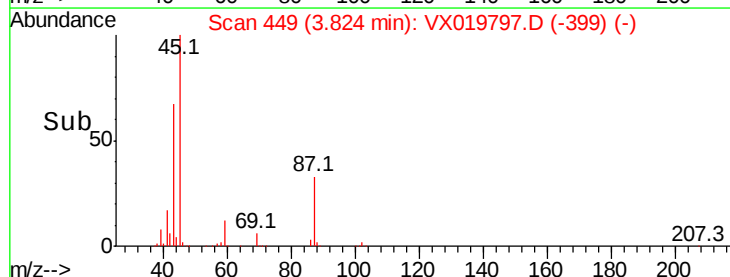
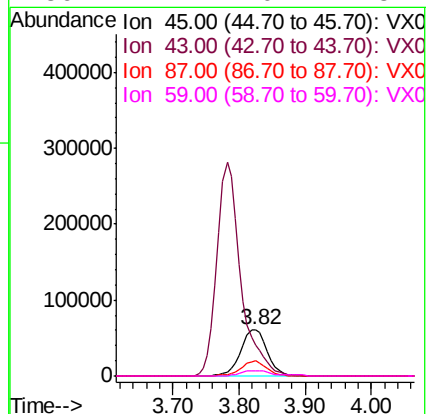
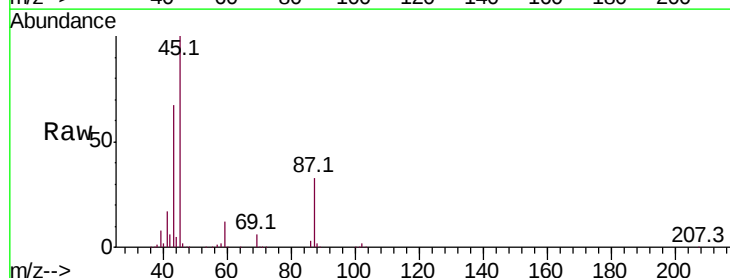
Ion Ratio Lower Upper

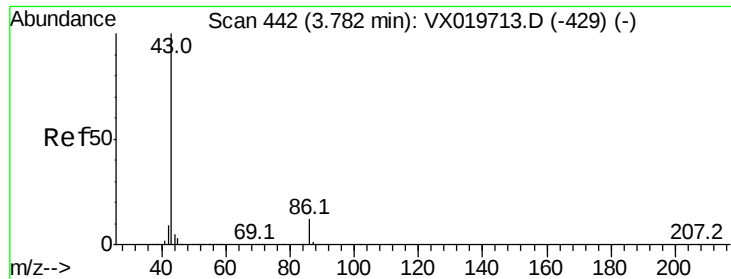
45 100

43 67.1 58.0 87.0

87 32.6 25.4 38.0

59 12.4 10.2 15.2

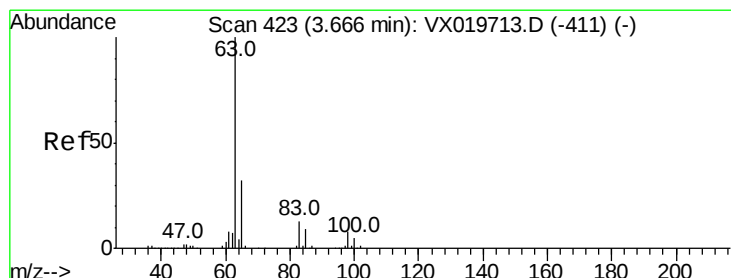
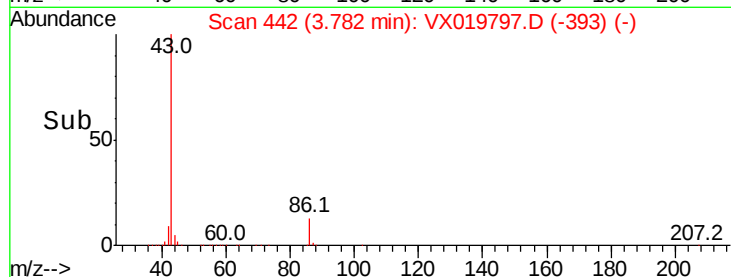
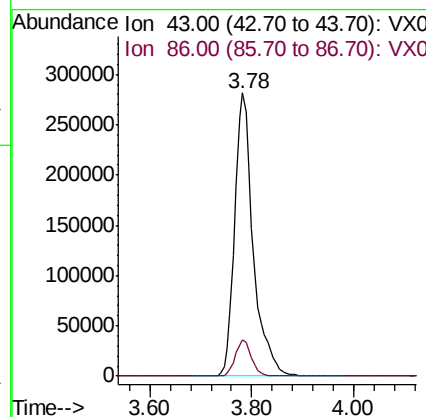
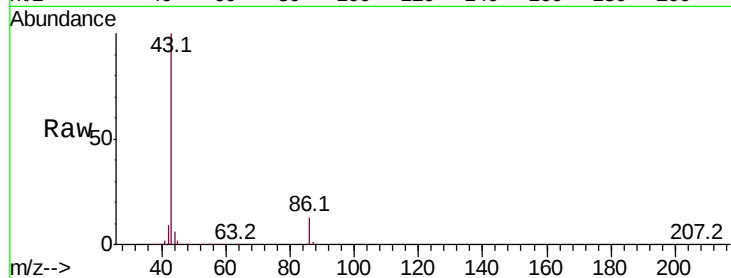




#23
 Vinyl Acetate
 Concen: 96.585 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX019797.D
 Acq: 09 Dec 2020 23:55

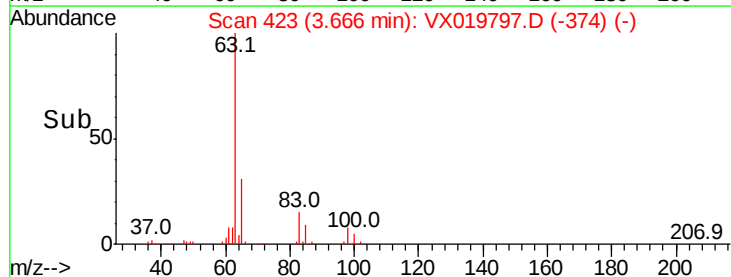
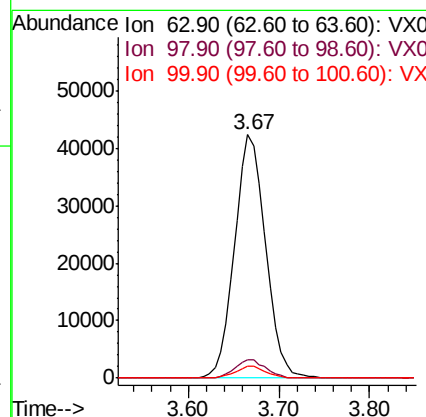
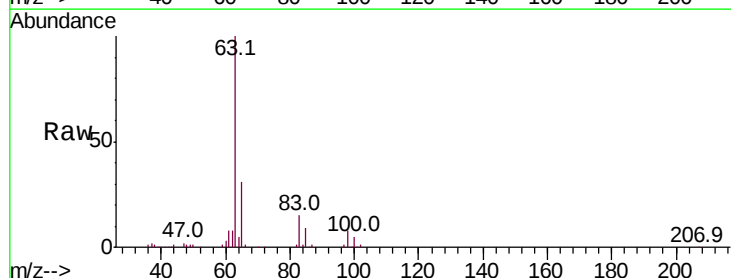
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

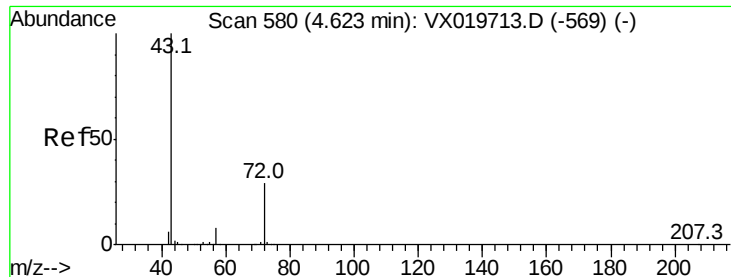
Tot Ion: 43 Resp: 711411
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 19.274 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019797.D
 Acq: 09 Dec 2020 23:55

Tgt Ion: 63 Resp: 100485
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 97.802 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

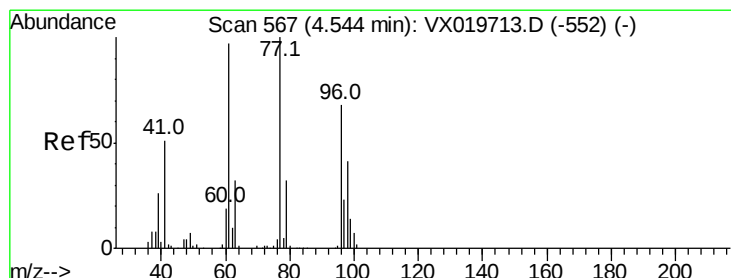
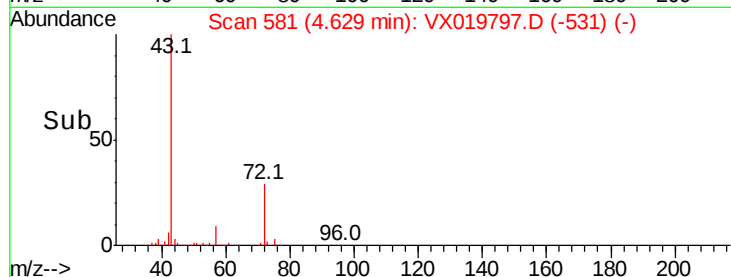
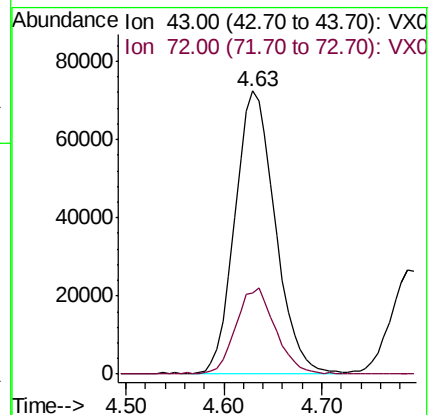
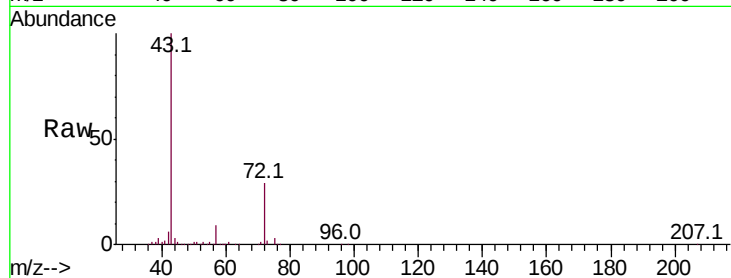
VX1209WBS02

Tot Ion: 43 Resp: 205156

Ion Ratio Lower Upper

43 100

72 28.4 23.7 35.5



#26

2,2-Dichloropropane

Concen: 16.087 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019797.D

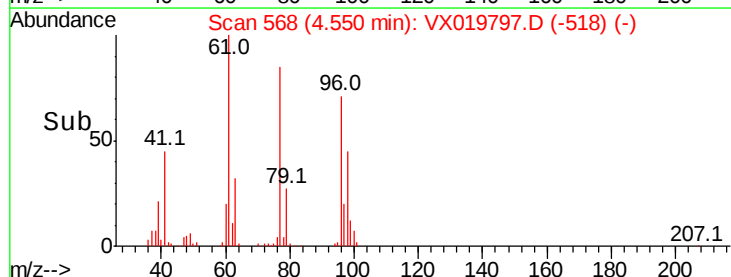
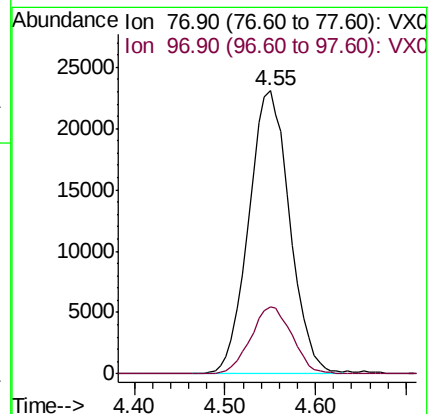
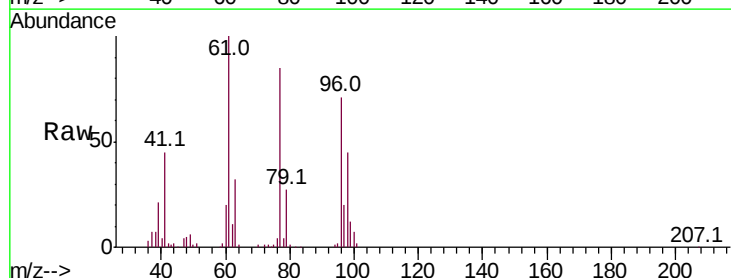
Acq: 09 Dec 2020 23:55

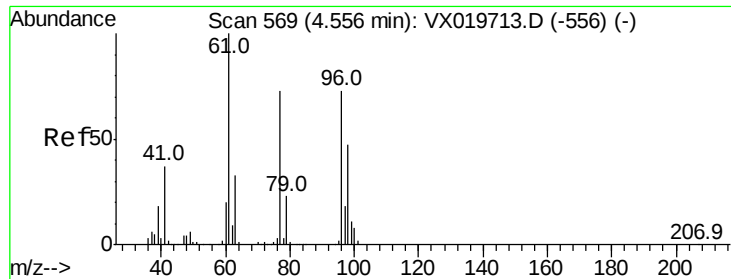
Tgt Ion: 77 Resp: 72224

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 18.896 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

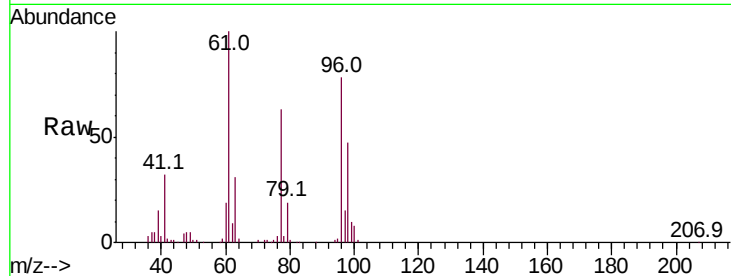
Tot Ion: 96 Resp: 65274

Ion Ratio Lower Upper

96 100

61 140.8 0.0 285.6

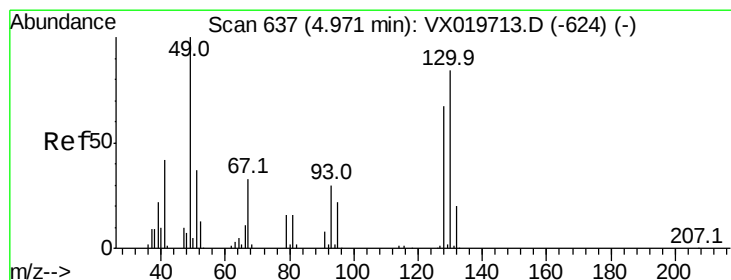
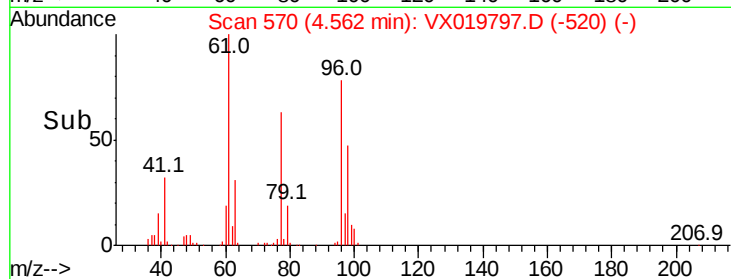
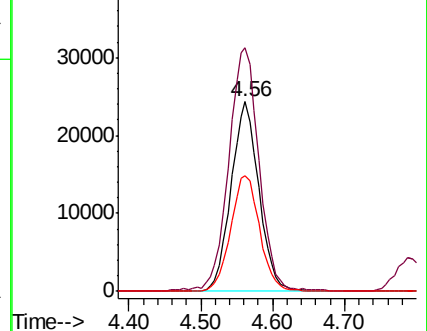
98 63.6 0.0 129.6



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



#28

Bromochloromethane

Concen: 19.898 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

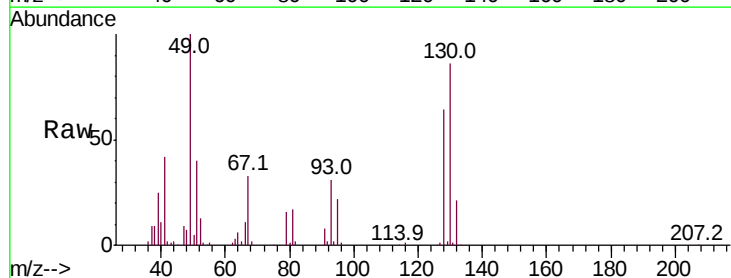
Tgt Ion: 49 Resp: 49454

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

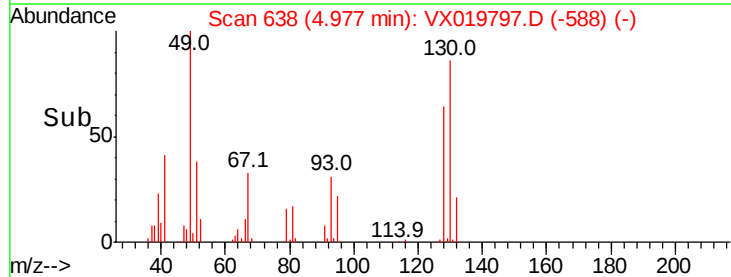
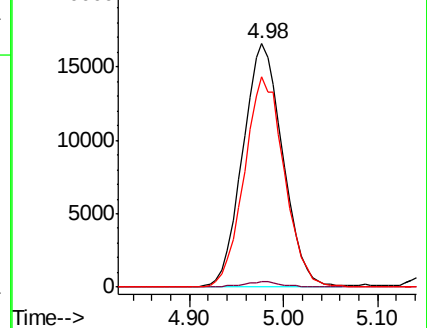
130 86.0 68.2 102.2

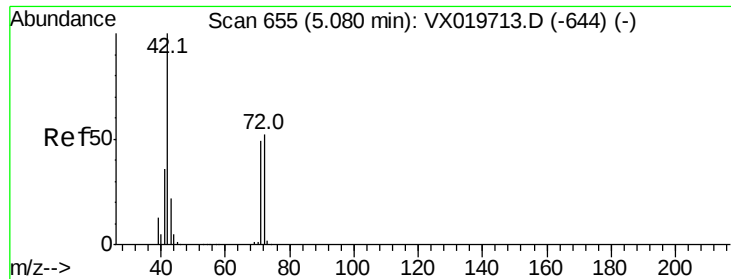


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

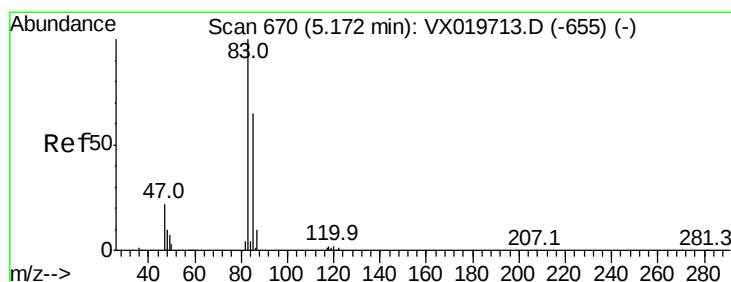
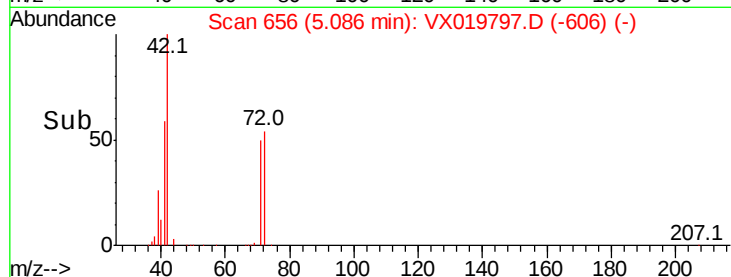
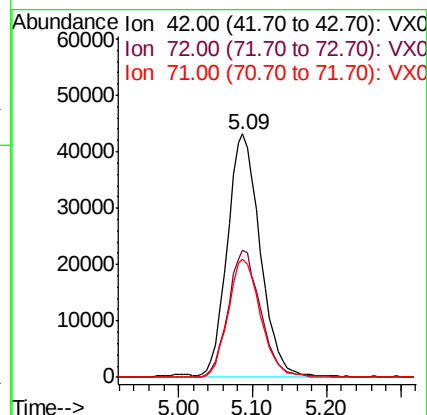
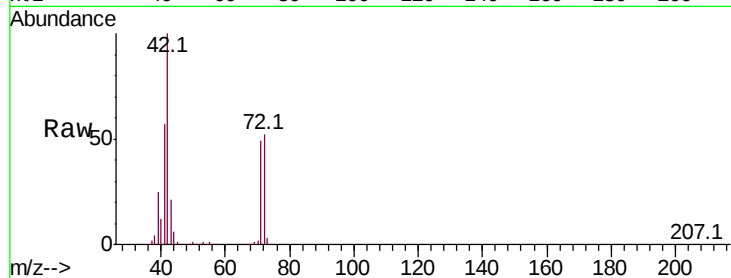




#29
Tetrahydrofuran
Concen: 97.633 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

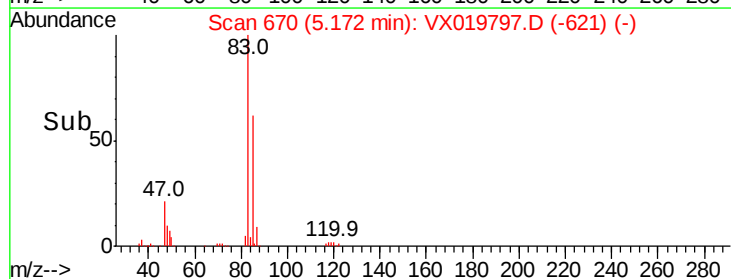
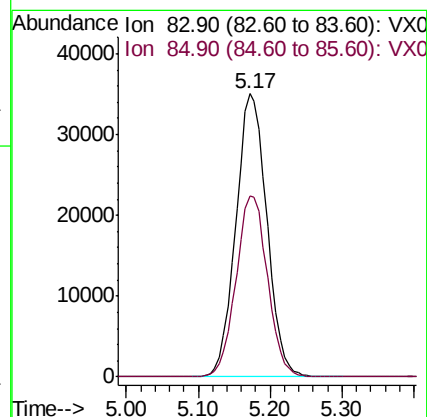
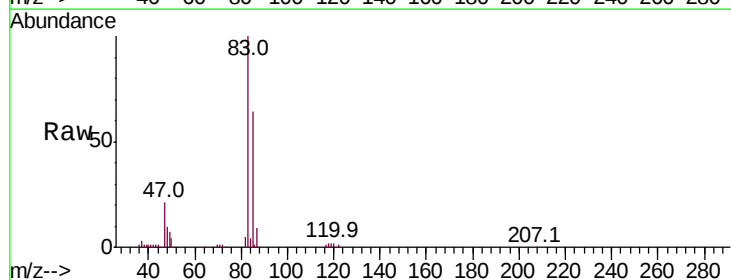
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

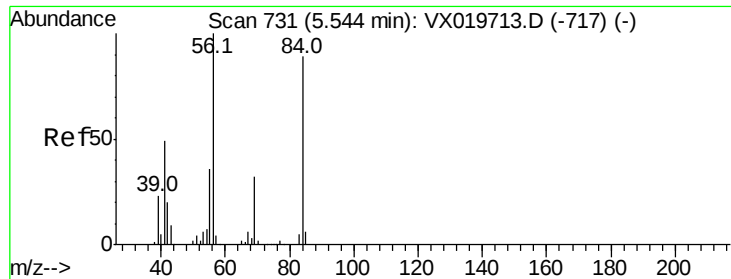
Tot Ion: 42 Resp: 131951
Ion Ratio Lower Upper
42 100
72 52.3 41.7 62.5
71 48.7 38.4 57.6



#30
Chloroform
Concen: 19.527 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion: 83 Resp: 104680
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0

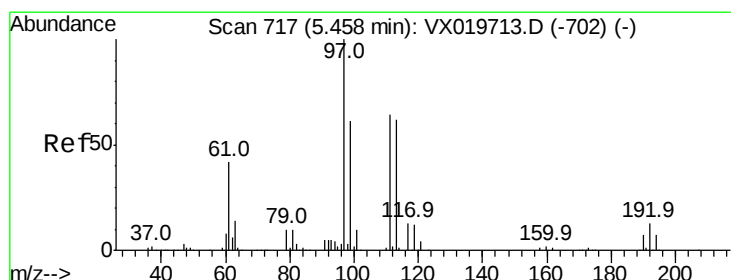
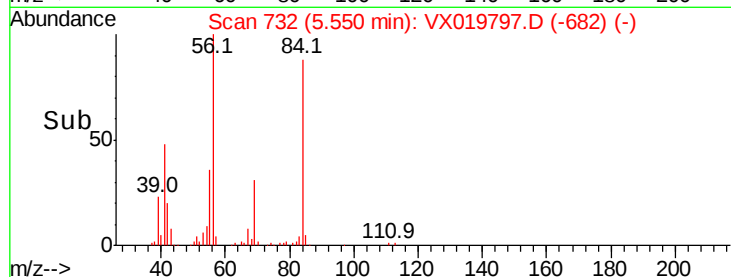
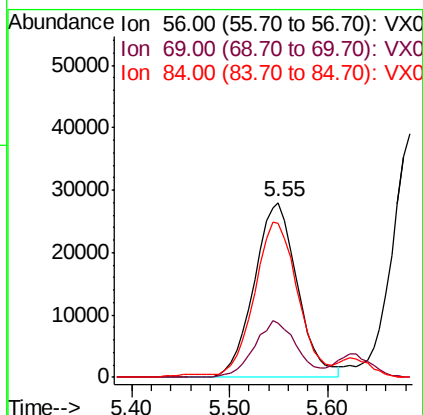
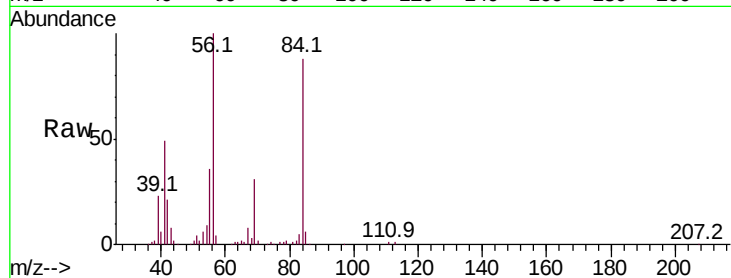




#31
Cyclohexane
Concen: 19.036 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

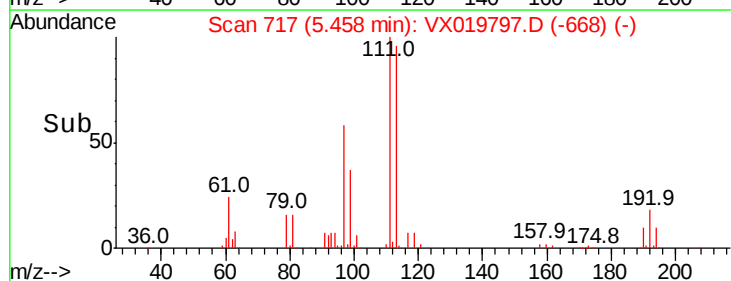
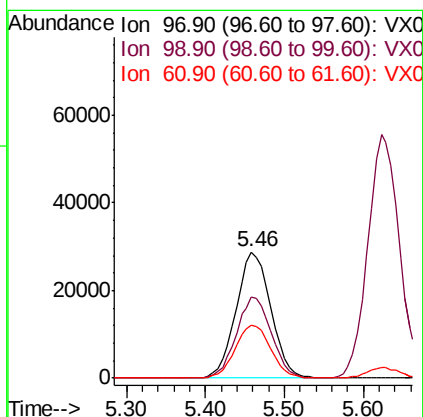
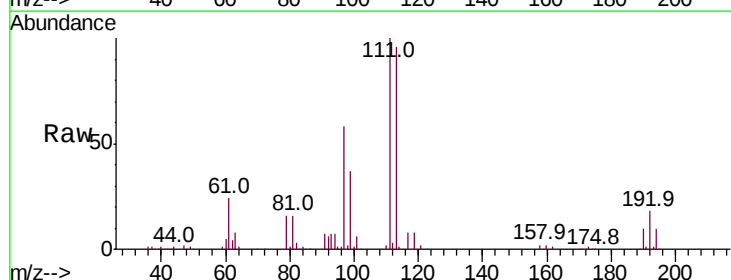
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

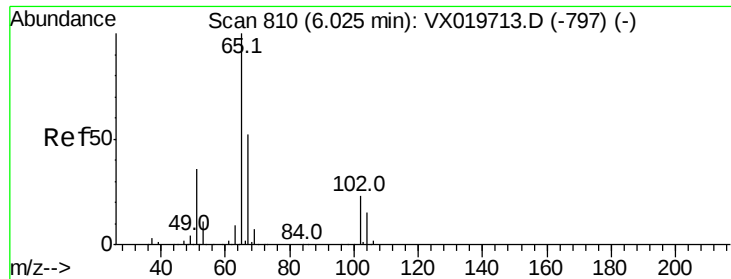
Tot Ion: 56 Resp: 86000
Ion Ratio Lower Upper
56 100
69 30.8 25.3 37.9
84 86.4 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 19.099 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion: 97 Resp: 88169
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 43.0 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 46.892 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

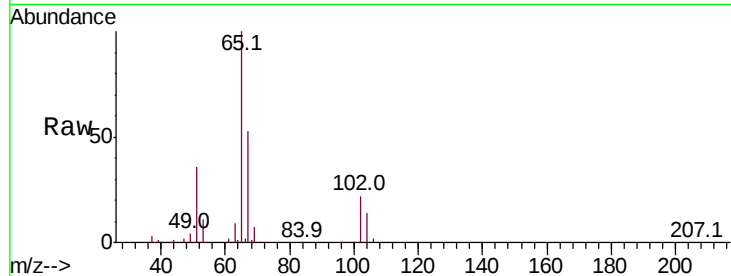
VX1209WBS02

Tot Ion: 65 Resp: 170304

Ion Ratio Lower Upper

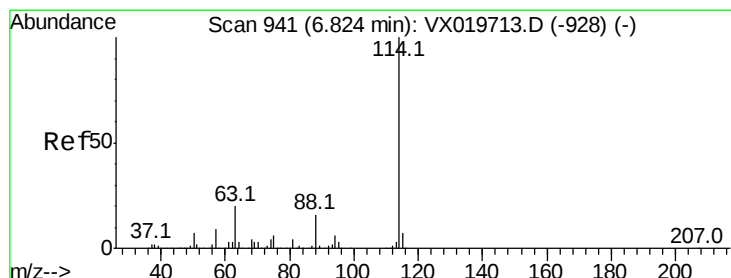
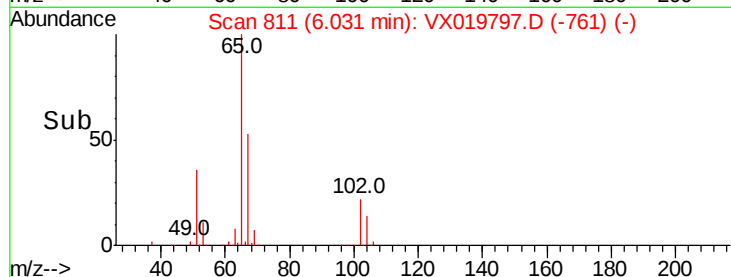
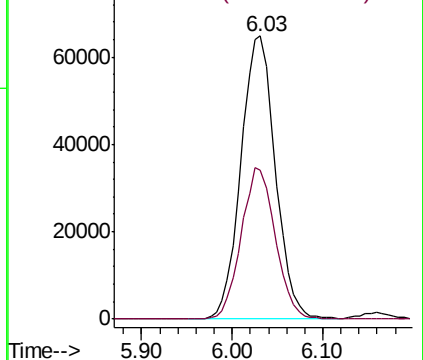
65 100

67 53.1 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

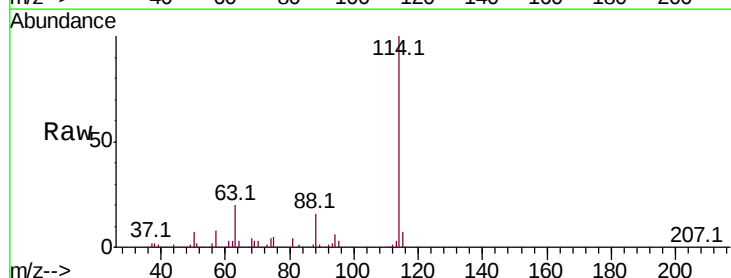
Tgt Ion:114 Resp: 452525

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

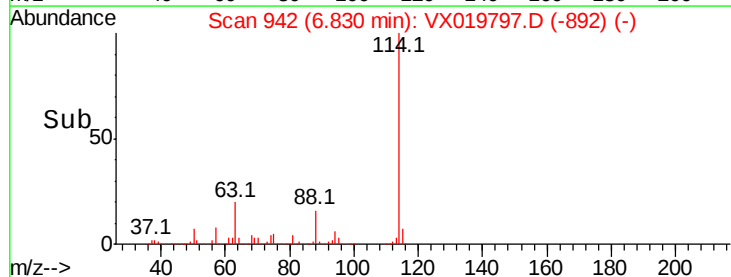
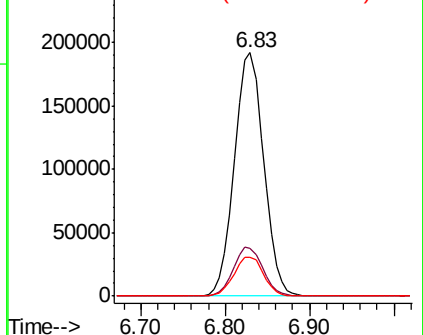
88 15.9 0.0 32.8

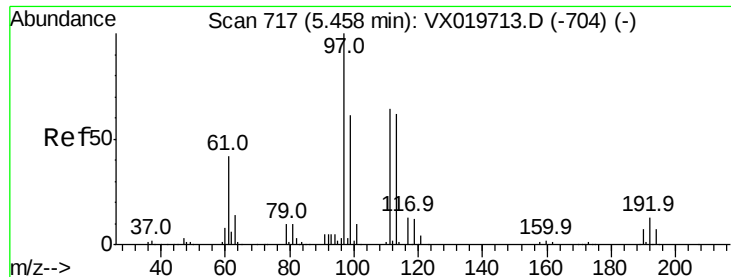


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.098 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

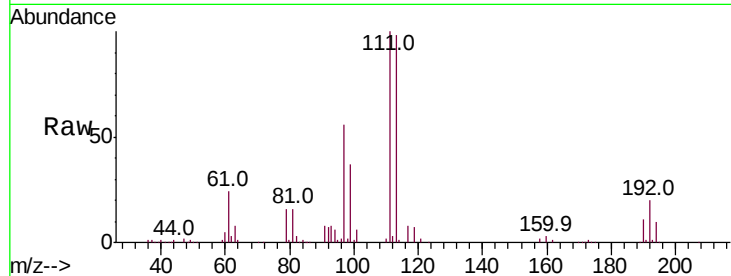
Tot Ion:113 Resp: 137742

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

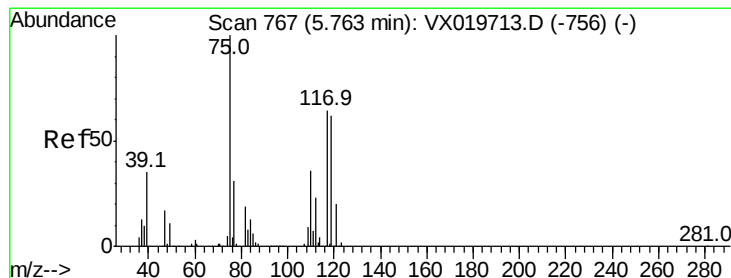
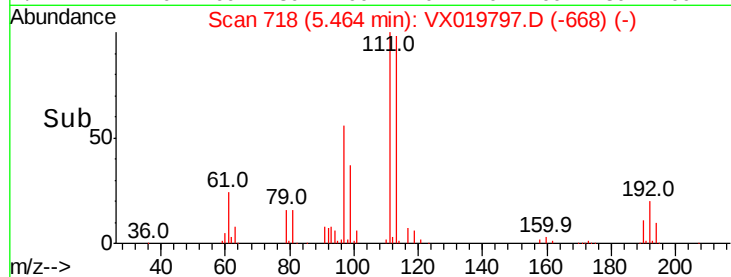
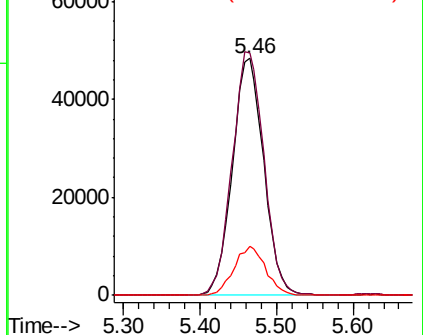
192 20.7 16.7 25.1



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: 18.513 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

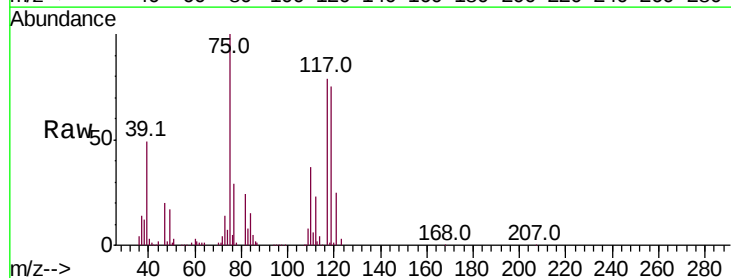
Tgt Ion: 75 Resp: 75701

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.4

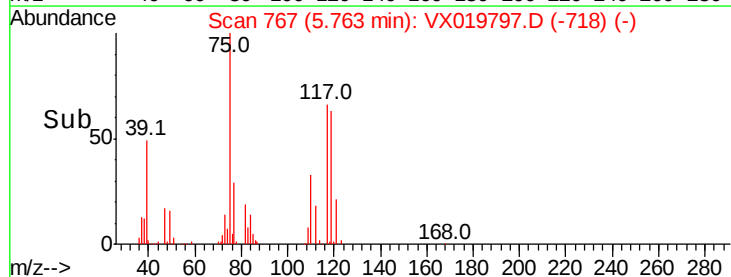
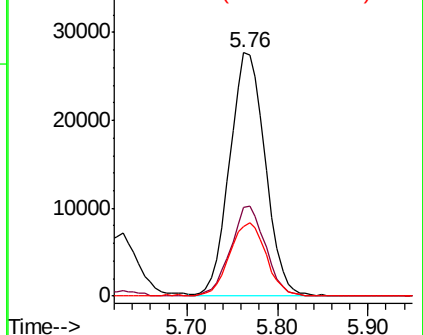
77 31.1 25.3 37.9

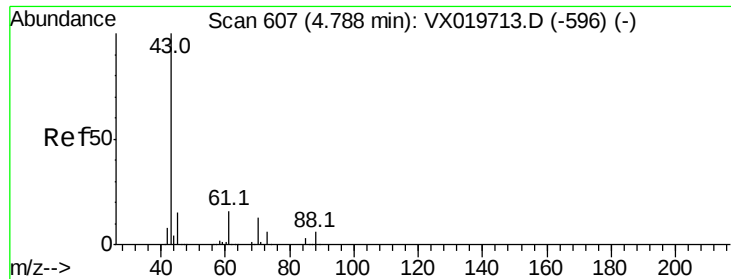


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

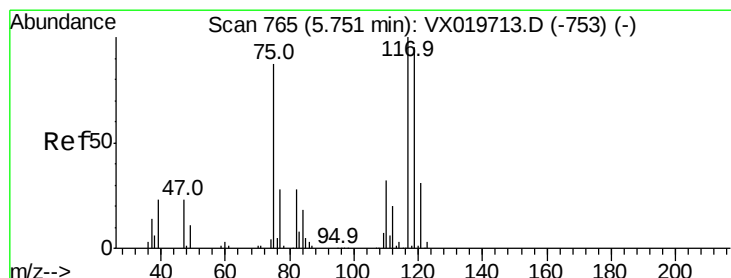
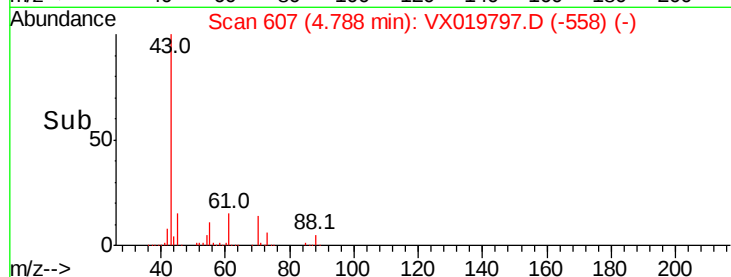
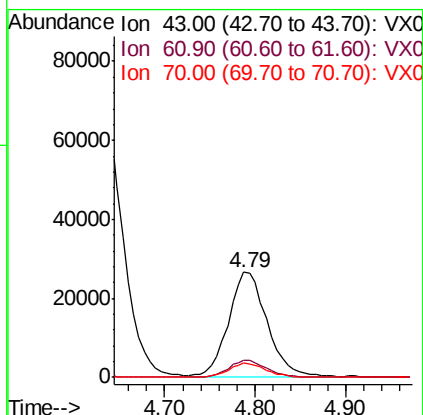
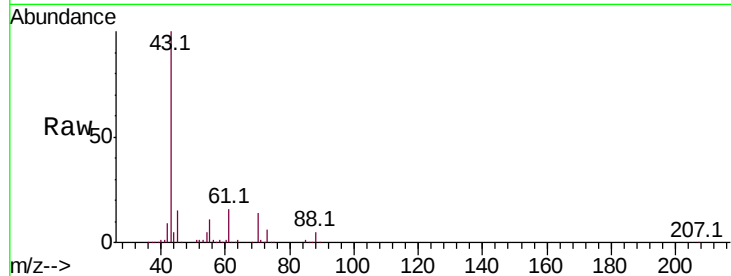




#37
Ethyl Acetate
Concen: 18.889 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

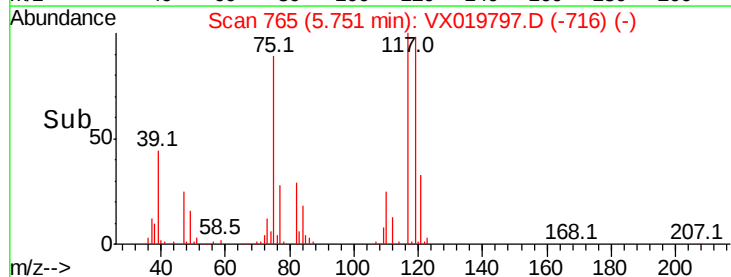
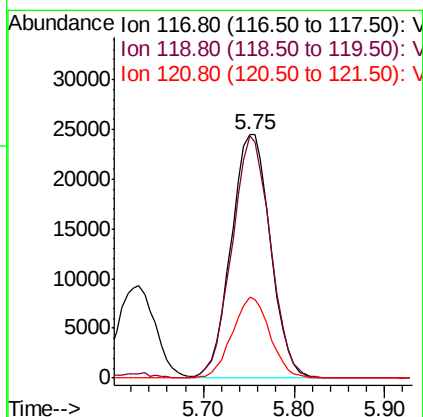
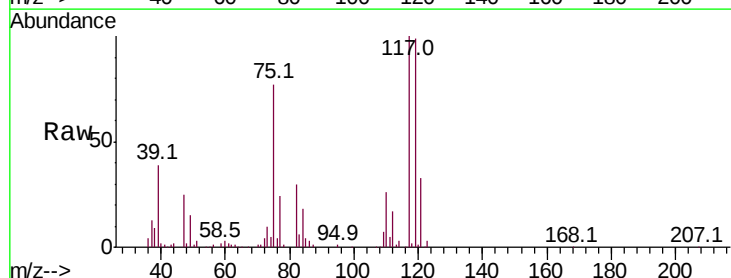
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

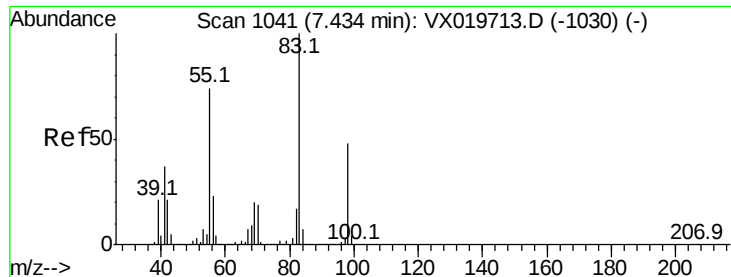
Tot Ion: 43 Resp: 77985
Ion Ratio Lower Upper
43 100
61 15.8 12.8 19.2
70 13.4 10.5 15.7



#38
Carbon Tetrachloride
Concen: 18.395 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion: 117 Resp: 73658
Ion Ratio Lower Upper
117 100
119 99.5 76.2 114.2
121 33.2 24.8 37.2

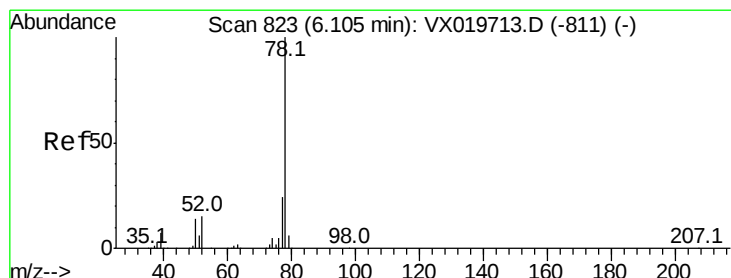
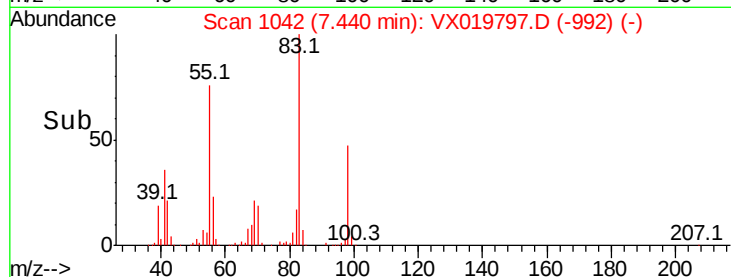
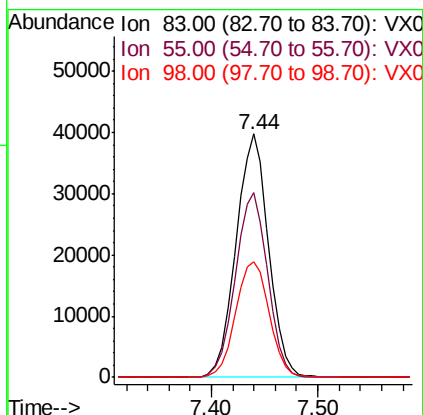
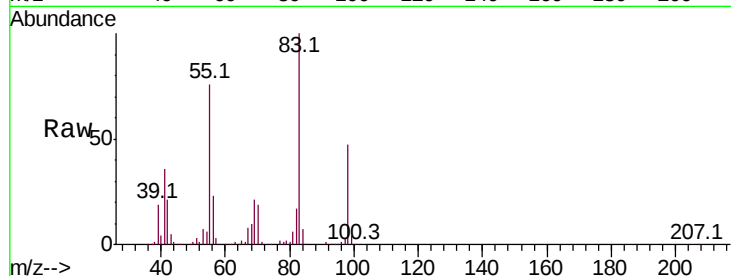




#39
Methvlcvclohexane
Concen: 17.697 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

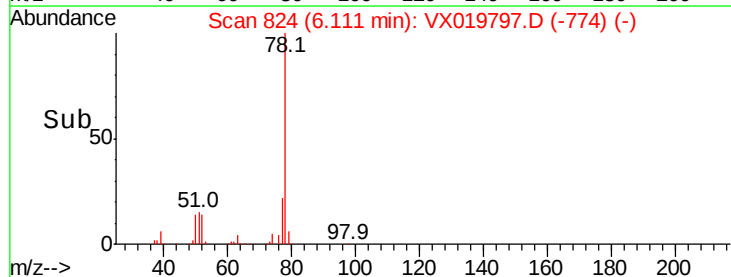
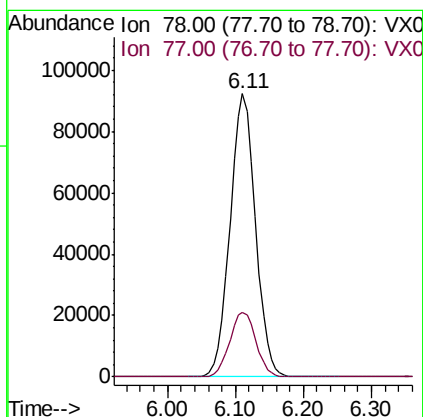
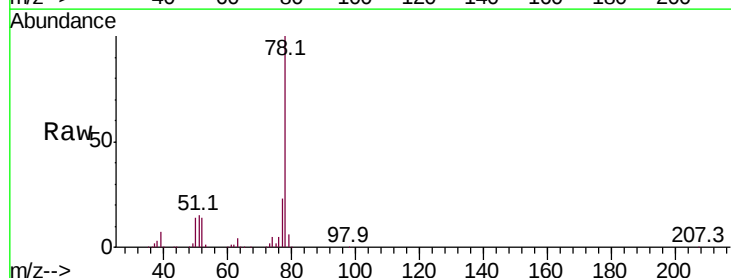
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

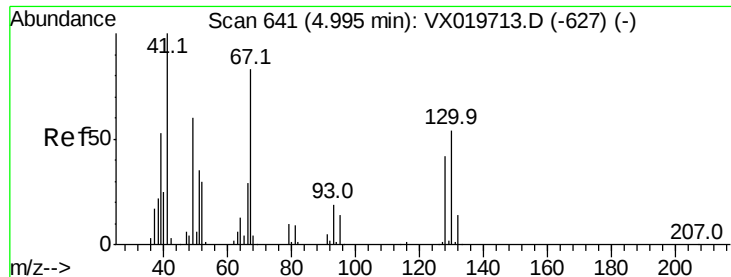
Tot Ion: 83 Resp: 85020
Ion Ratio Lower Upper
83 100
55 76.1 58.9 88.3
98 47.3 38.1 57.1



#40
Benzene
Concen: 19.080 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion: 78 Resp: 238330
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3





#41

Methacrylonitrile

Concen: 18.489 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

Tot Ion: 41 Resp: 41912

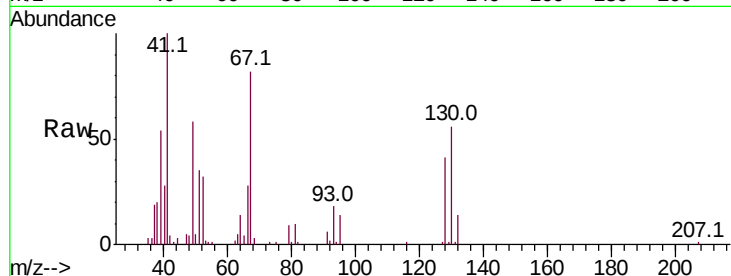
Ion Ratio Lower Upper

41 100

39 56.8 42.5 63.7

67 86.2 65.0 97.6

52 33.1 25.3 37.9

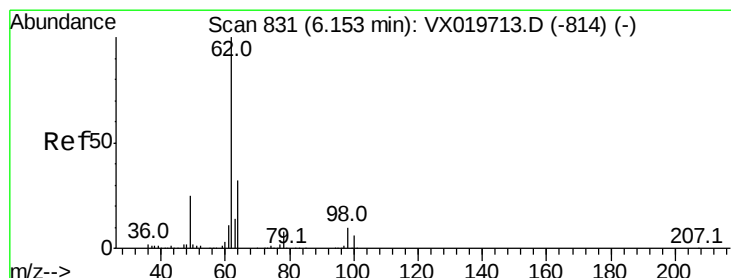
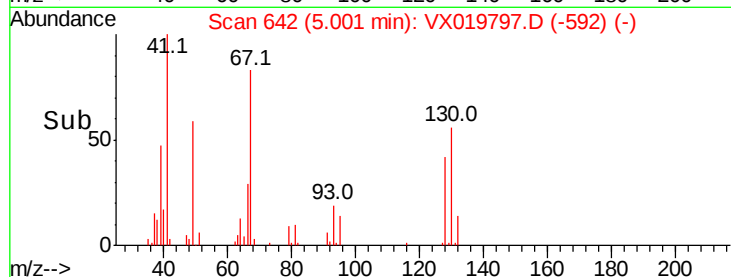
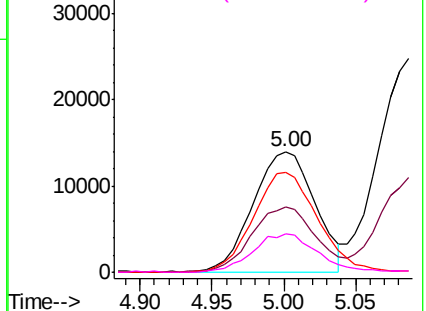


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.415 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.01 min

Lab File: VX019797.D

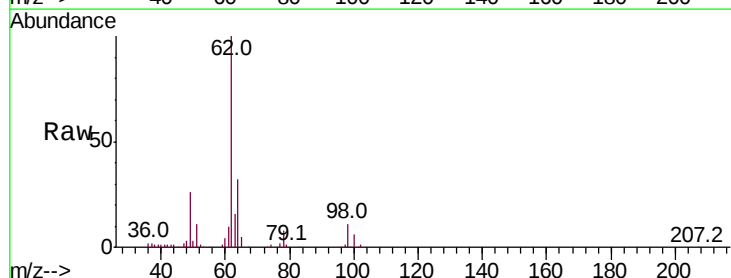
Acq: 09 Dec 2020 23:55

Tgt Ion: 62 Resp: 82862

Ion Ratio Lower Upper

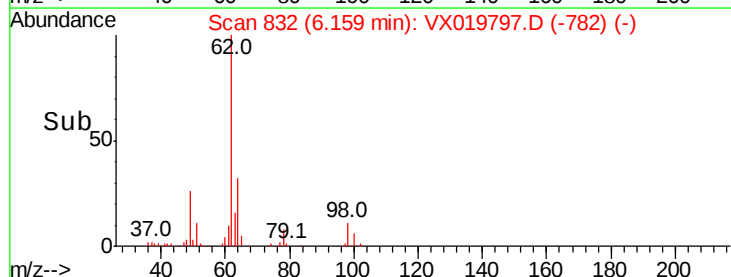
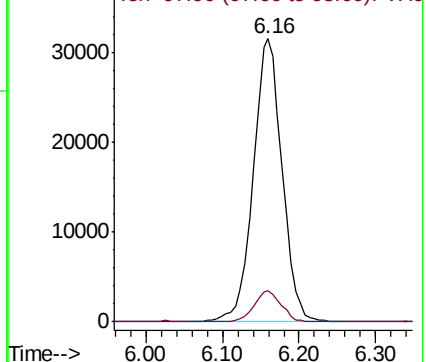
62 100

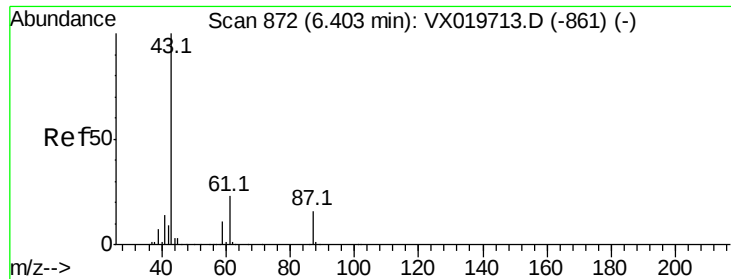
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.708 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

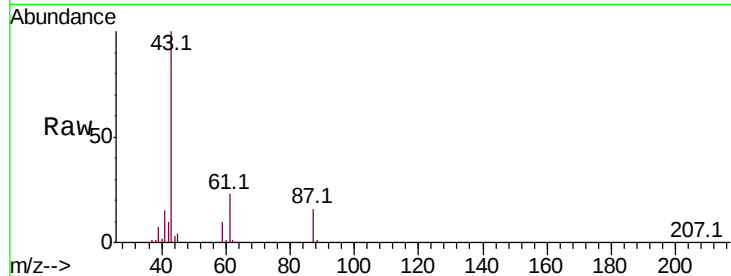
Tot Ion: 43 Resp: 125578

Ion Ratio Lower Upper

43 100

61 22.8 18.2 27.4

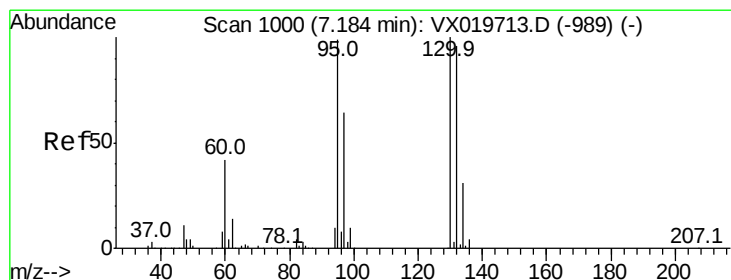
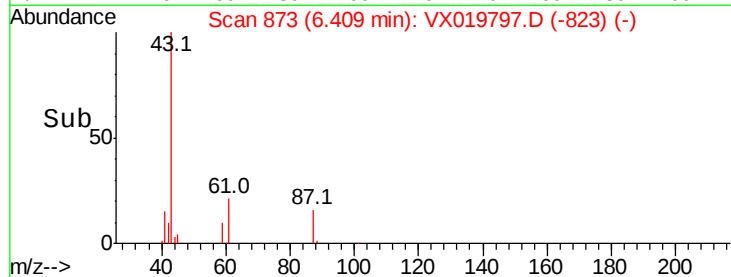
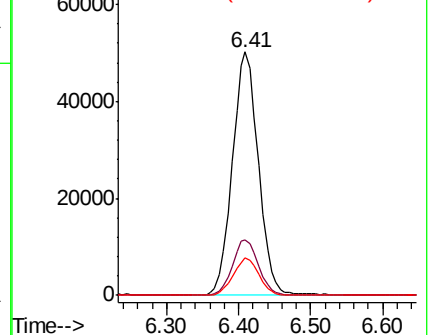
87 15.2 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.743 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019797.D

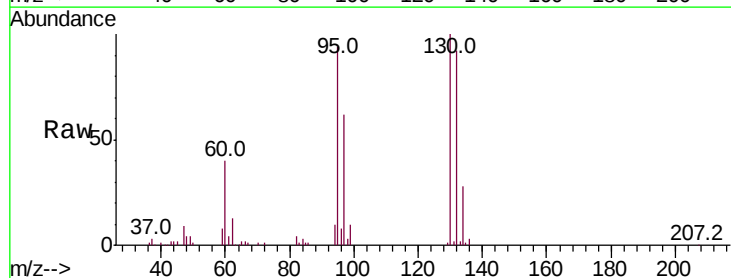
Acq: 09 Dec 2020 23:55

Tgt Ion: 130 Resp: 61428

Ion Ratio Lower Upper

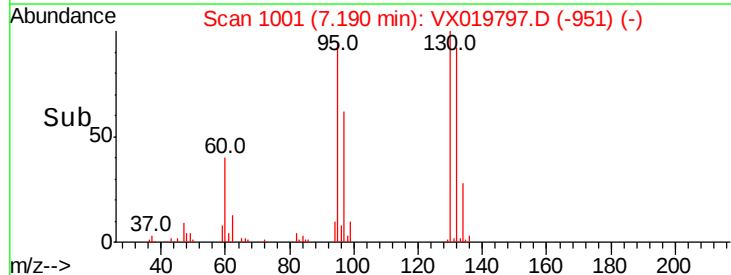
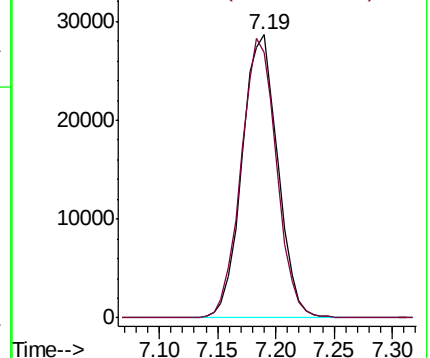
130 100

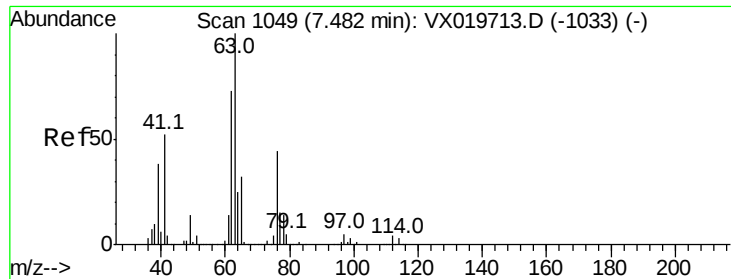
95 93.6 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.168 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

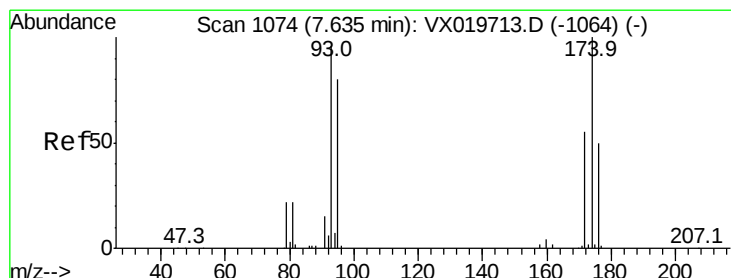
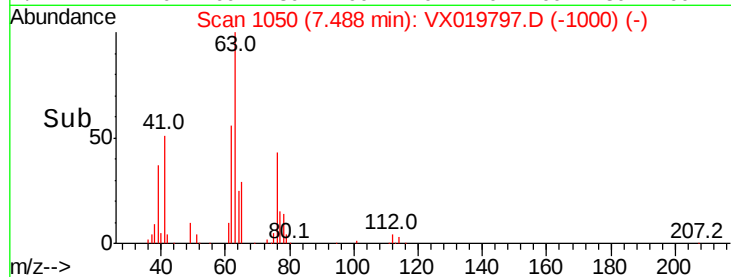
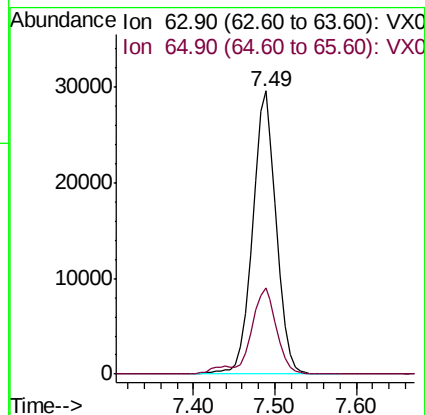
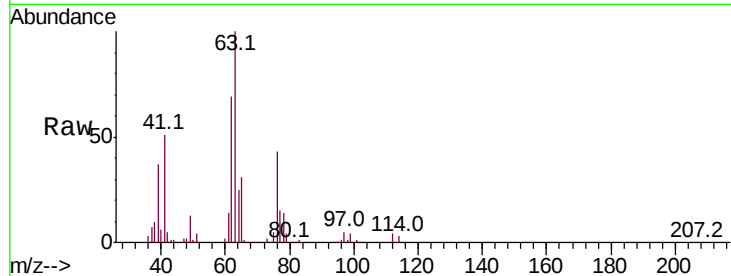
VX1209WBS02

Tot Ion: 63 Resp: 59841

Ion Ratio Lower Upper

63 100

65 30.6 25.7 38.5



#46

Dibromomethane

Concen: 19.055 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

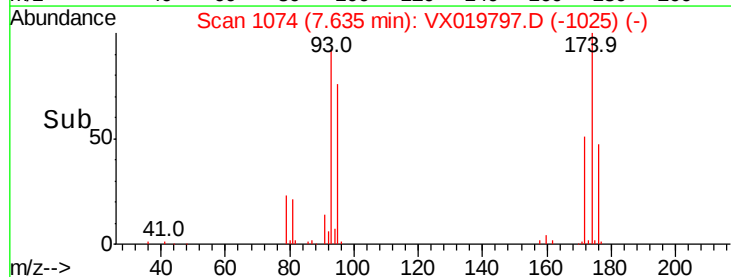
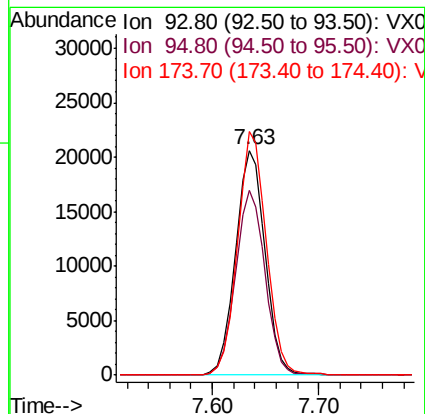
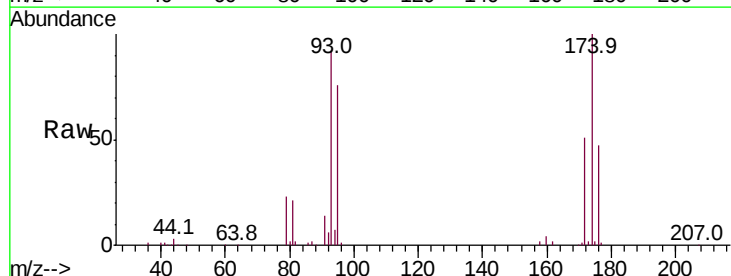
Tgt Ion: 93 Resp: 40173

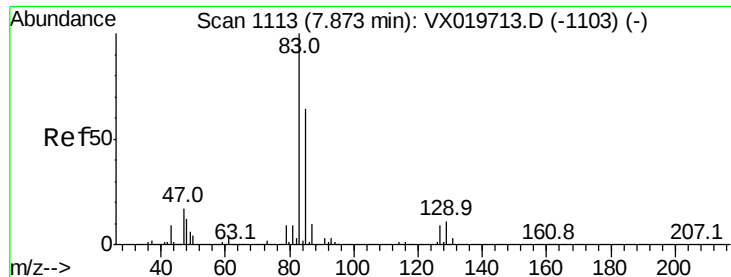
Ion Ratio Lower Upper

93 100

95 82.3 66.8 100.2

174 105.6 83.1 124.7





#47

Bromodichloromethane

Concen: 18.665 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

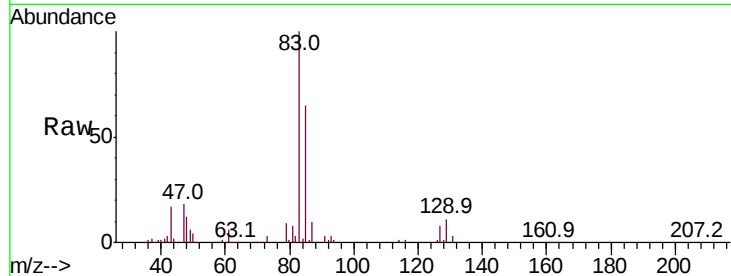
Tot Ion: 83 Resp: 78085

Ion Ratio Lower Upper

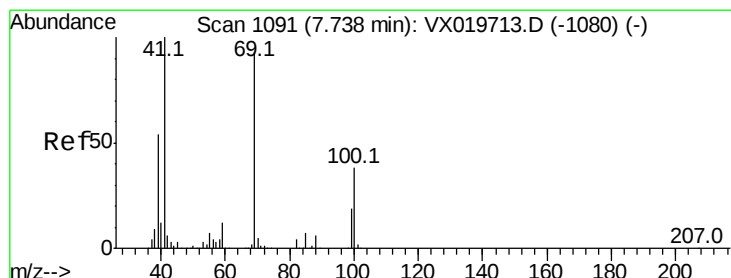
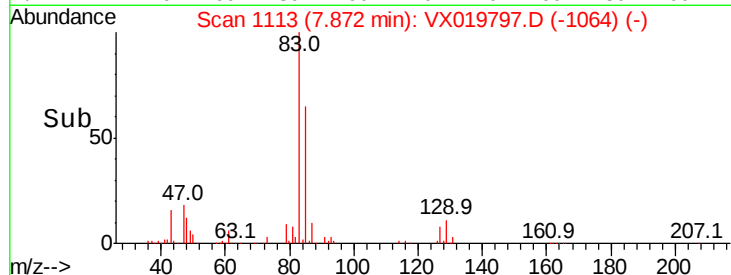
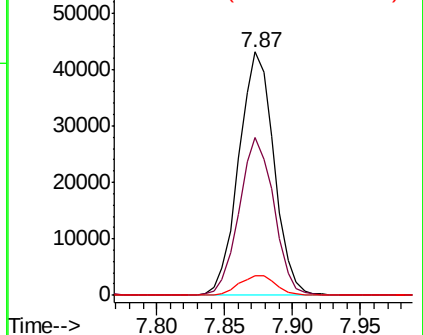
83 100

85 65.1 51.4 77.0

127 8.1 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: 18.549 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

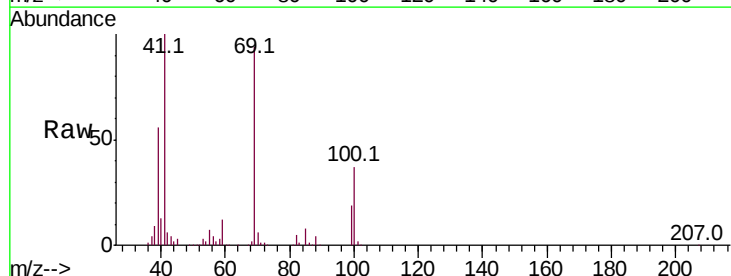
Tgt Ion: 41 Resp: 61235

Ion Ratio Lower Upper

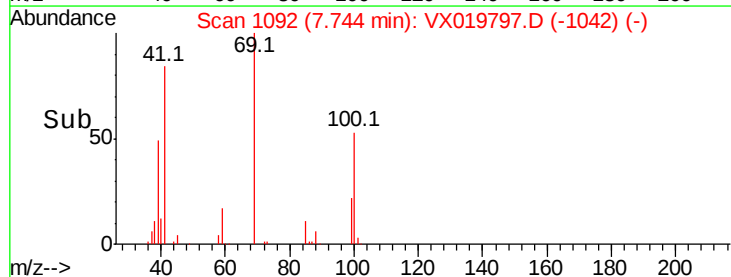
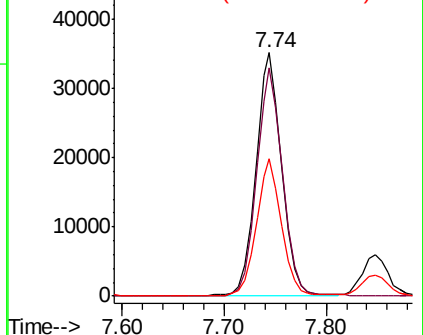
41 100

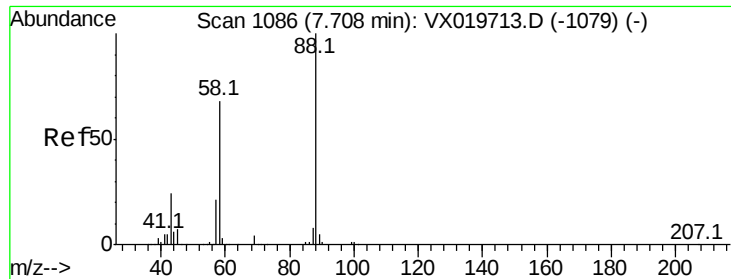
69 95.0 76.0 114.0

39 55.5 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

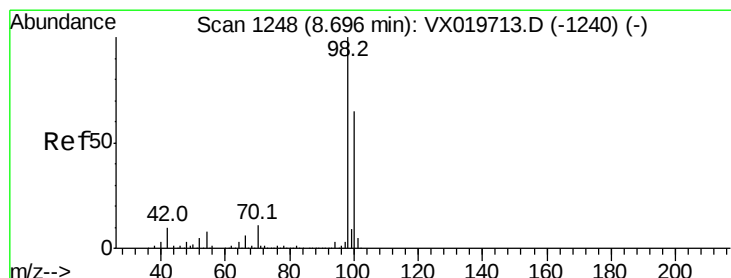
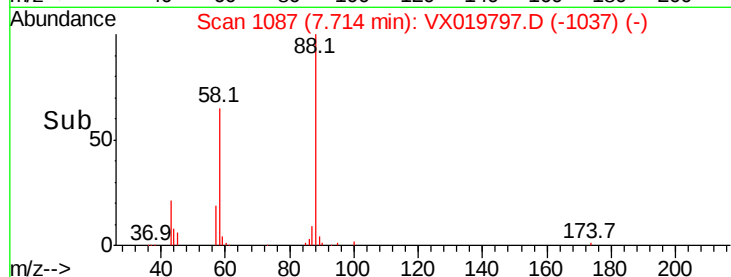
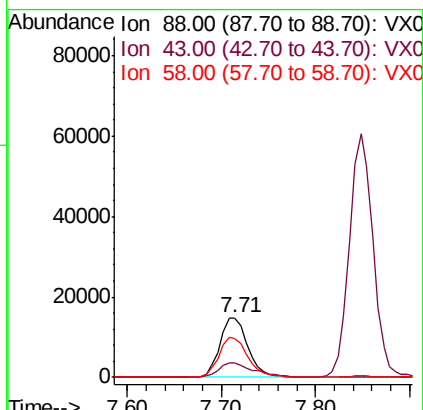
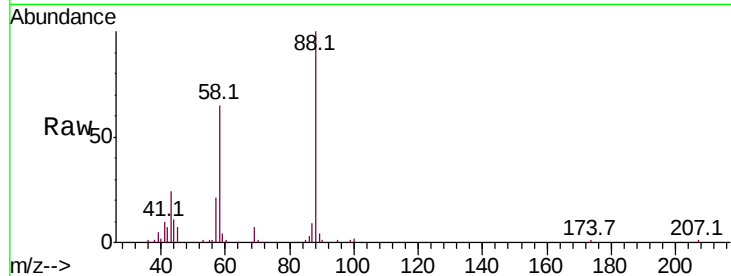




#49
1,4-Dioxane
Concen: 383.274 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

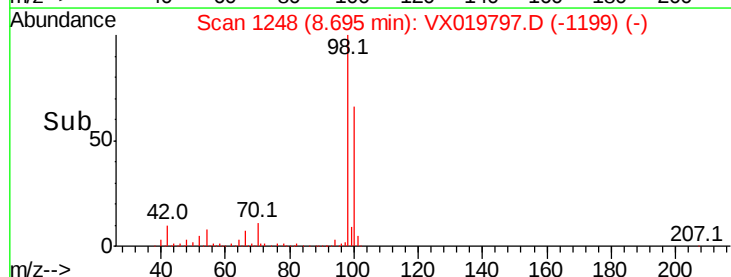
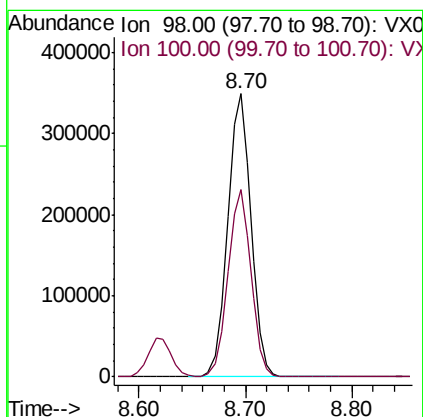
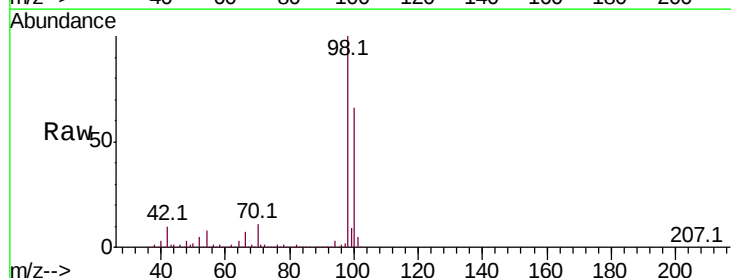
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

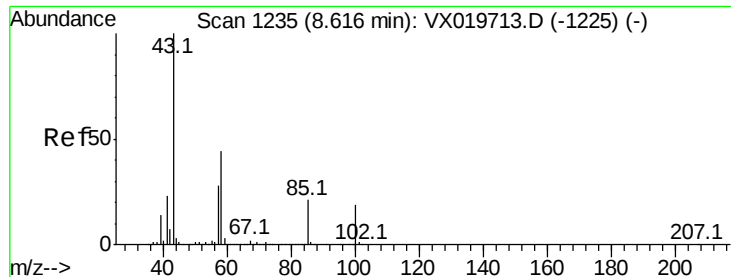
Tot Ion: 88 Resp: 30651
Ion Ratio Lower Upper
88 100
43 28.0 23.2 34.8
58 68.8 55.0 82.4



#50
Toluene-d8
Concen: 47.815 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion: 98 Resp: 533877
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 97.914 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

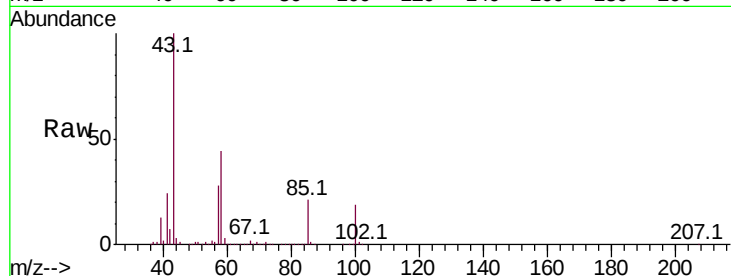
VX1209WBS02

Tot Ion: 43 Resp: 401266

Ion Ratio Lower Upper

43 100

58 44.2 35.4 53.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

150000

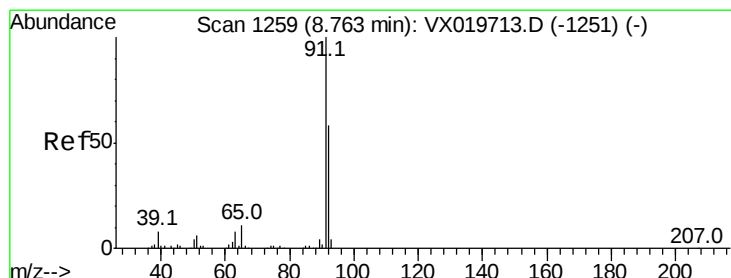
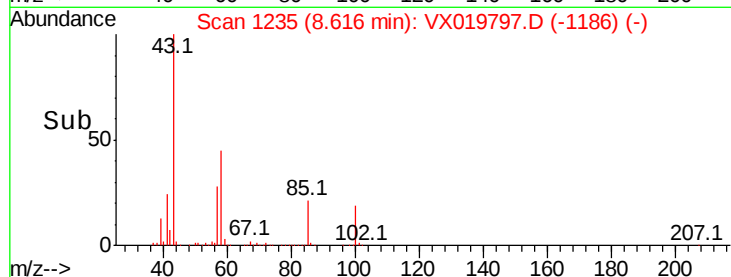
100000

50000

0

Time-->

8.55 8.60 8.65 8.70



#52

Toluene

Concen: 18.982 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019797.D

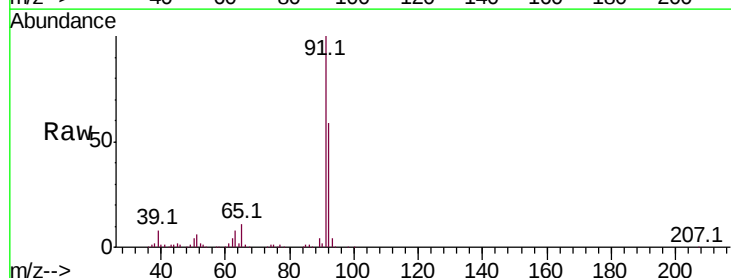
Acq: 09 Dec 2020 23:55

Tgt Ion: 92 Resp: 148298

Ion Ratio Lower Upper

92 100

91 170.5 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

200000

150000

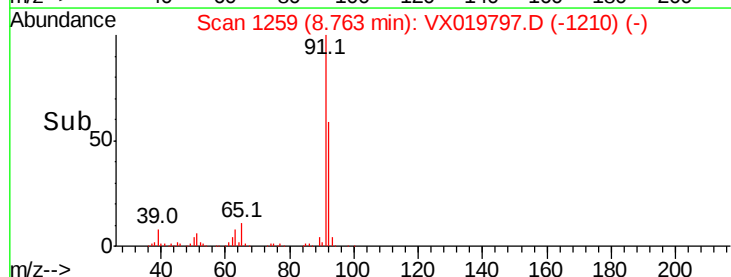
100000

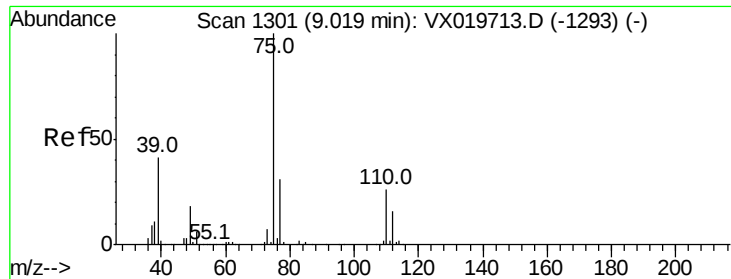
50000

0

Time-->

8.70 8.80 8.90

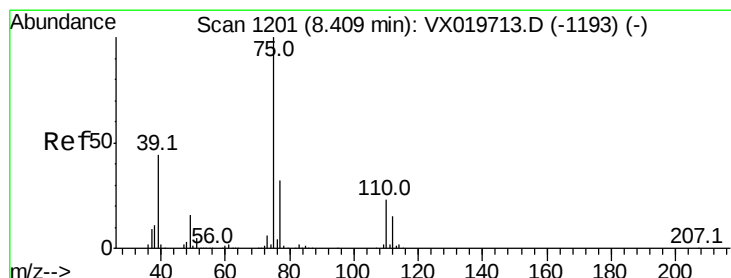
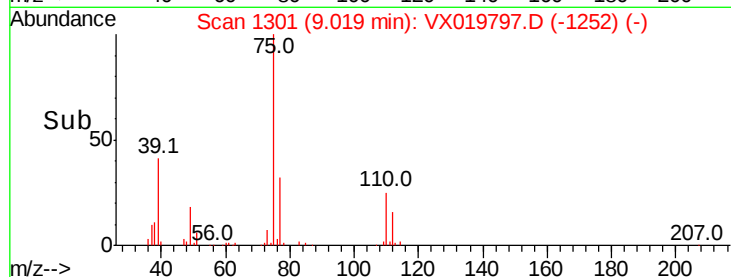
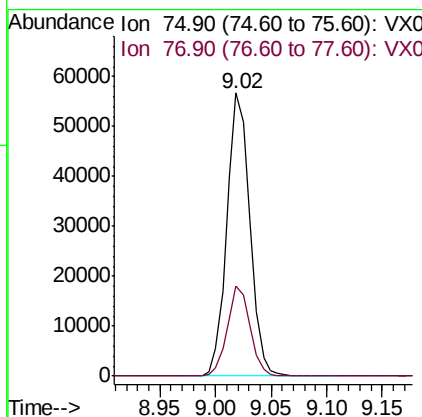
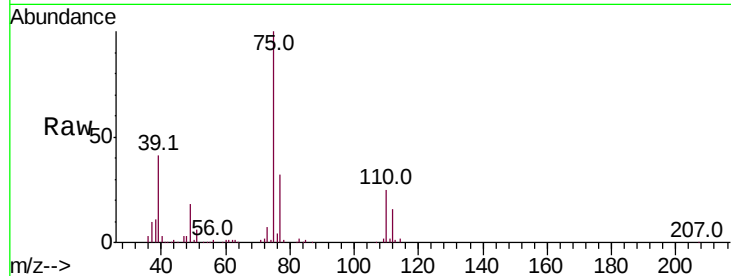




#53
t-1,3-Dichloropropene
Concen: 17.485 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

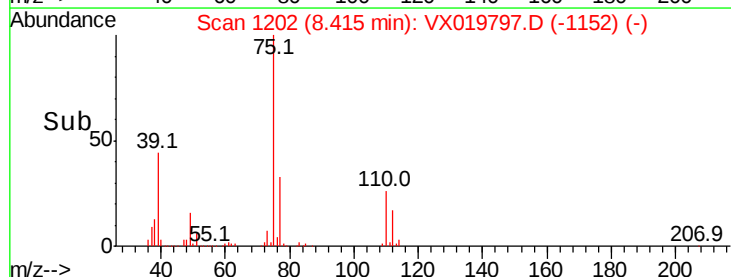
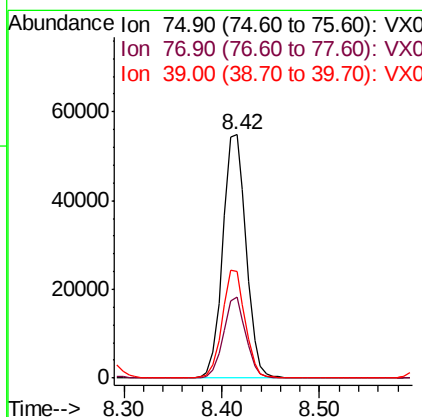
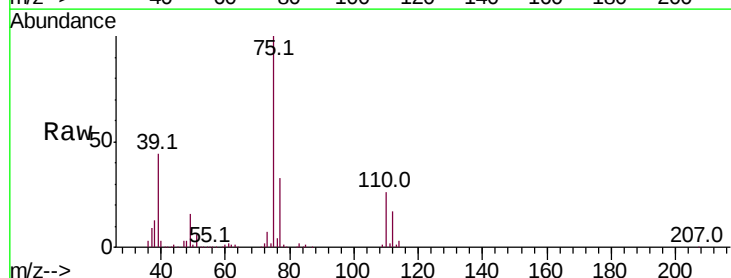
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

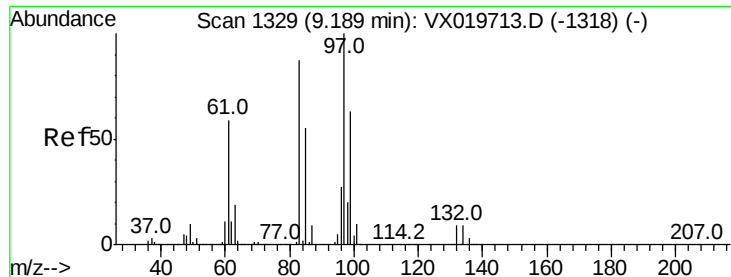
Tot Ion: 75 Resp: 81172
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 17.997 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion: 75 Resp: 90769
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5
39 43.6 35.1 52.7



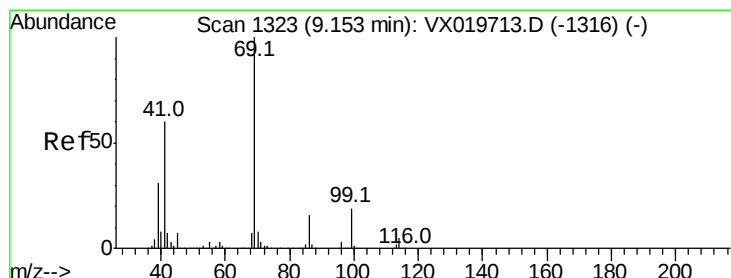
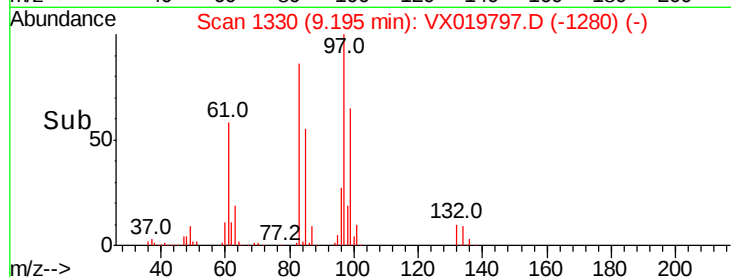
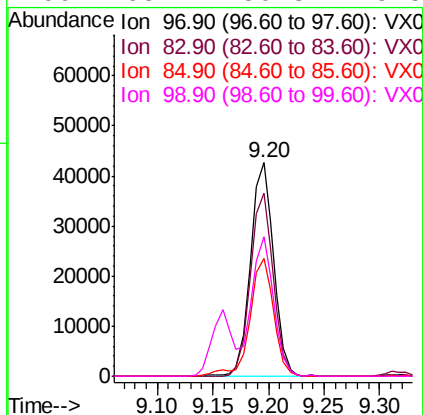
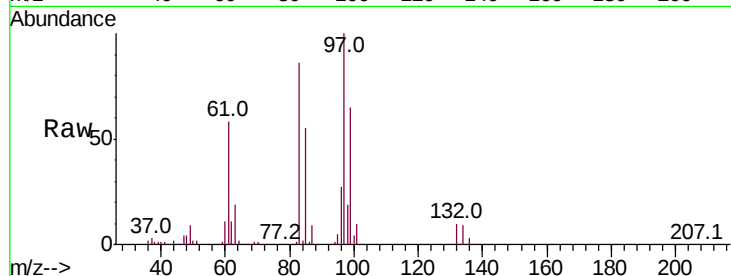


#55
1,1,2-Trichloroethane
Concen: 19.567 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

Tot Ion: 97 Resp: 61602

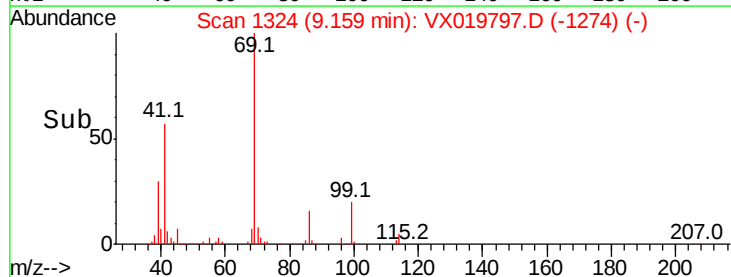
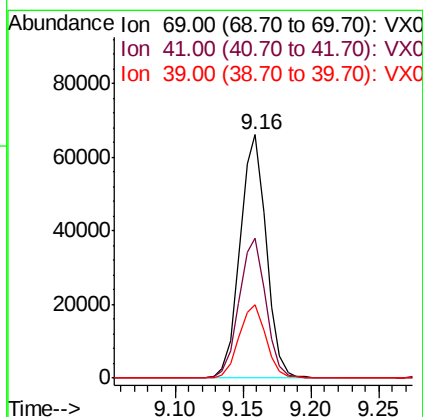
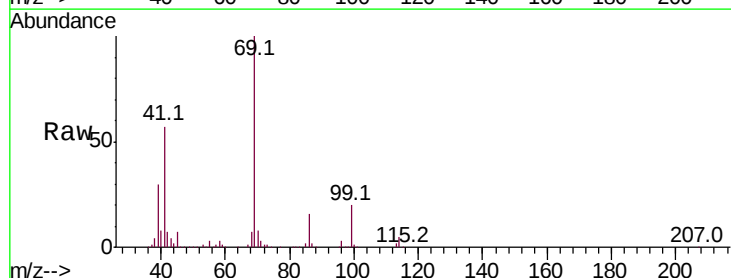
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.3	103.9
85	55.2	44.3	66.5
99	65.1	50.3	75.5

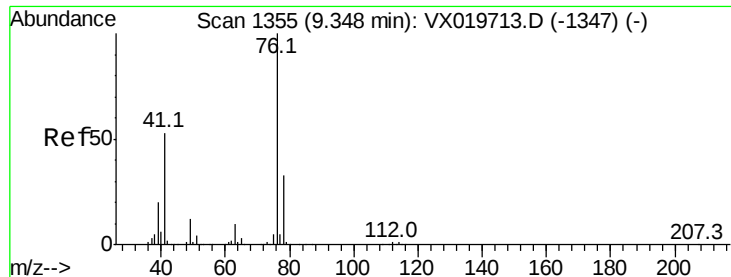


#56
Ethyl methacrylate
Concen: 18.703 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion: 69 Resp: 89088

Ion	Ratio	Lower	Upper
69	100		
41	58.2	46.8	70.2
39	30.8	24.7	37.1





#57

1,3-Dichloropropane

Concen: 19.110 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

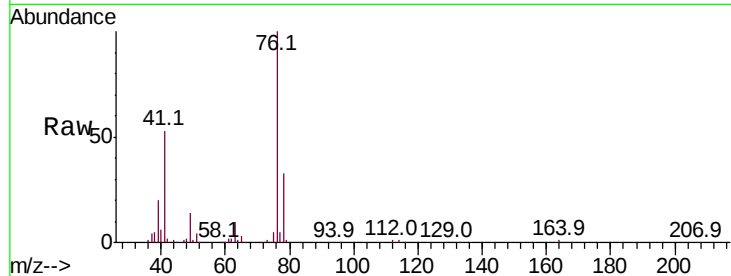
VX1209WBS02

Tot Ion: 76 Resp: 102733

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

80000

60000

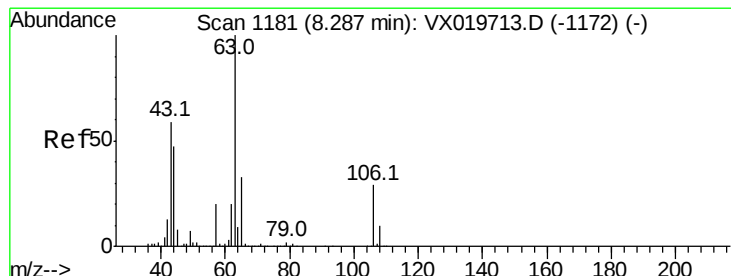
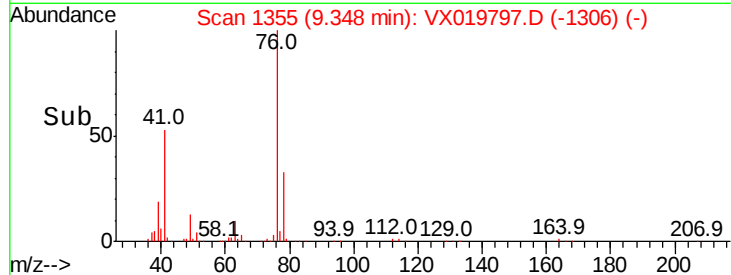
40000

20000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 98.164 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019797.D

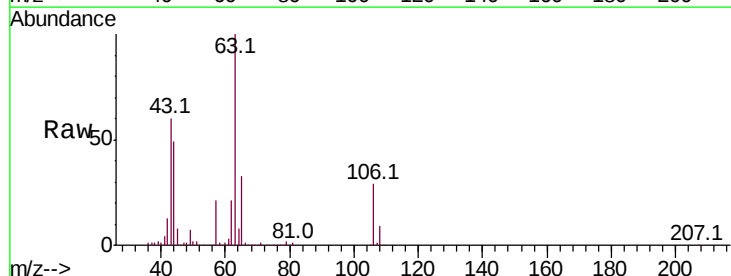
Acq: 09 Dec 2020 23:55

Tgt Ion: 63 Resp: 247708

Ion Ratio Lower Upper

63 100

106 29.4 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

150000

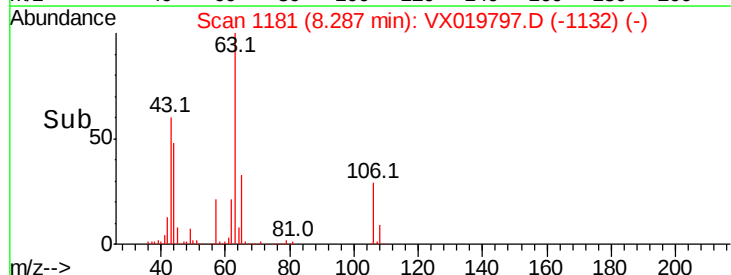
100000

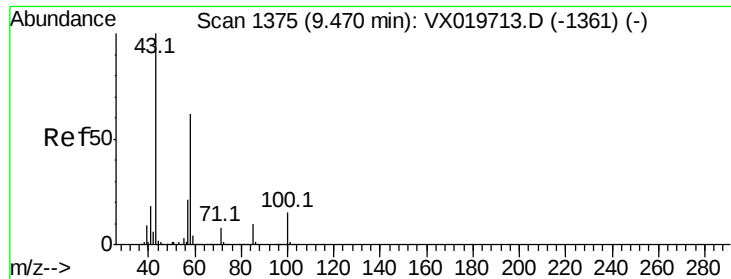
50000

0

8.20 8.25 8.30 8.35 8.40

Time-->

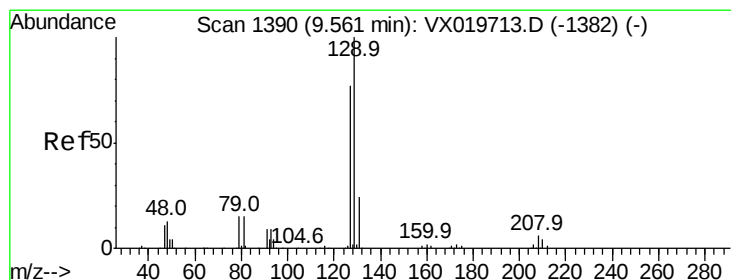
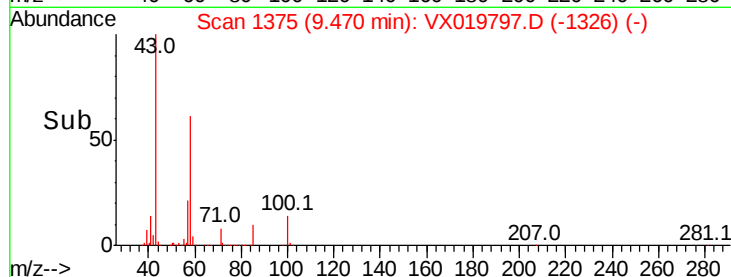
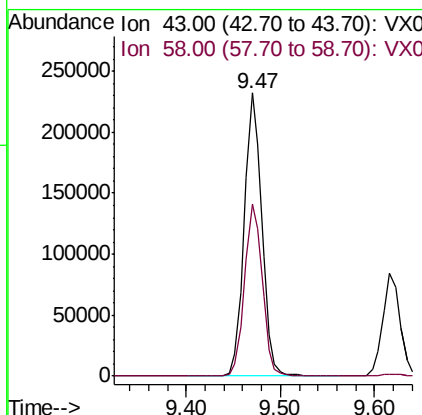
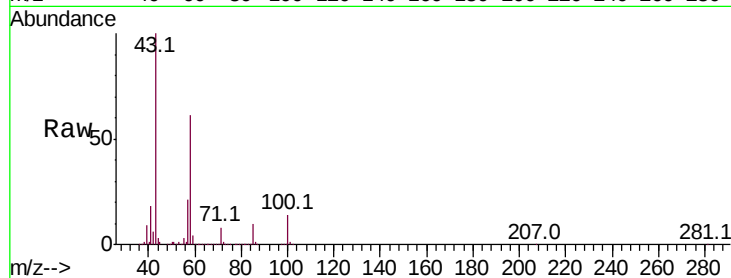




#59
2-Hexanone
Concen: 95.168 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

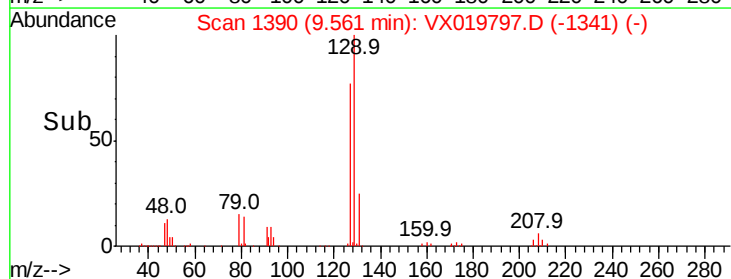
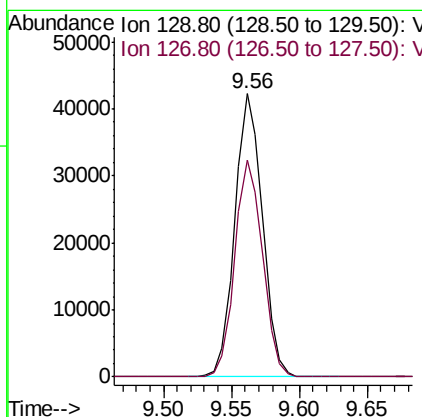
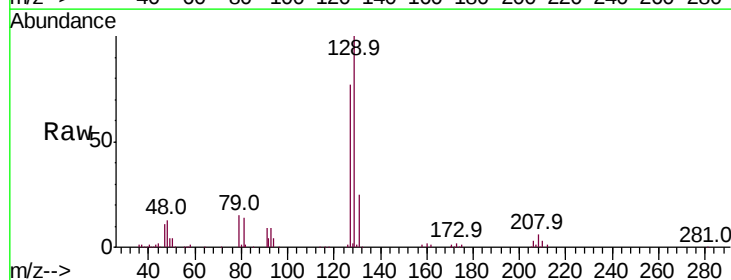
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

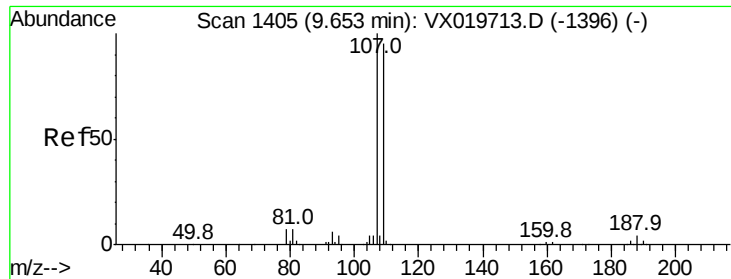
Tot Ion: 43 Resp: 302313
Ion Ratio Lower Upper
43 100
58 61.7 30.9 92.8



#60
Dibromochloromethane
Concen: 18.665 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion: 129 Resp: 59703
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2

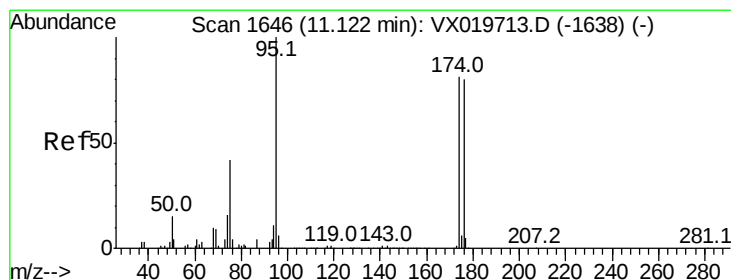
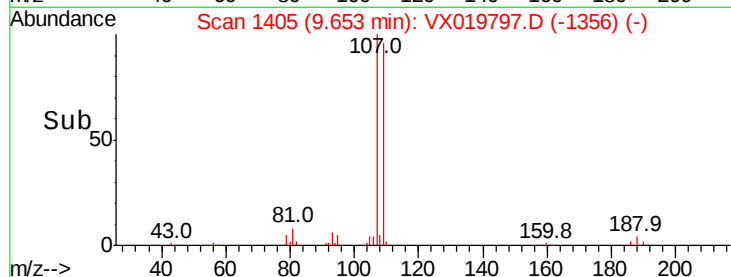
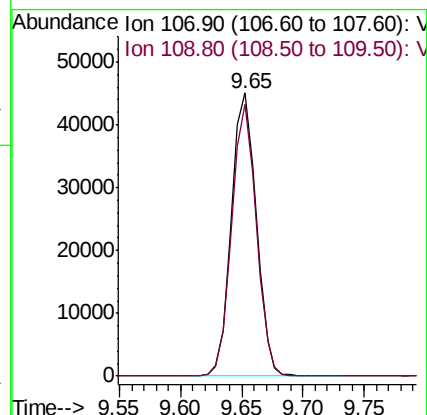
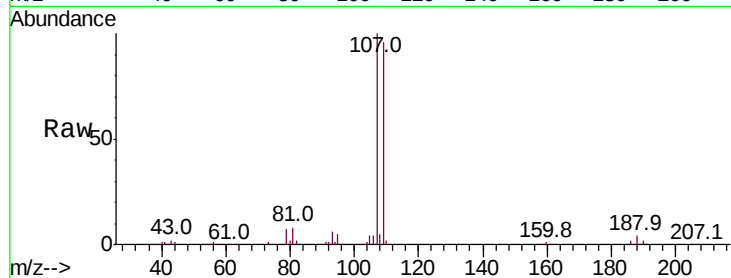




#61
 1,2-Dibromoethane
 Concen: 19.011 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019797.D
 Acq: 09 Dec 2020 23:55

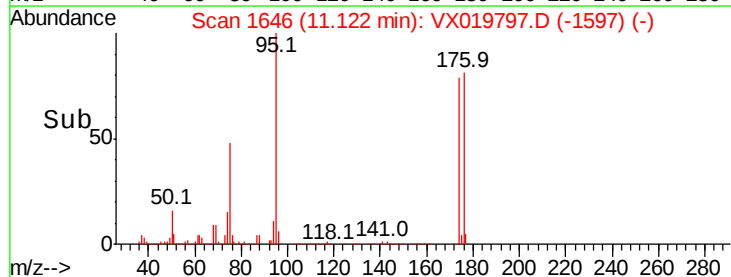
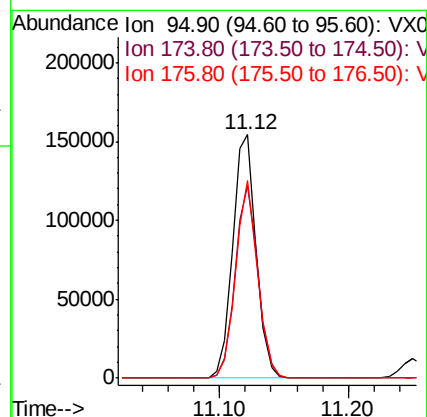
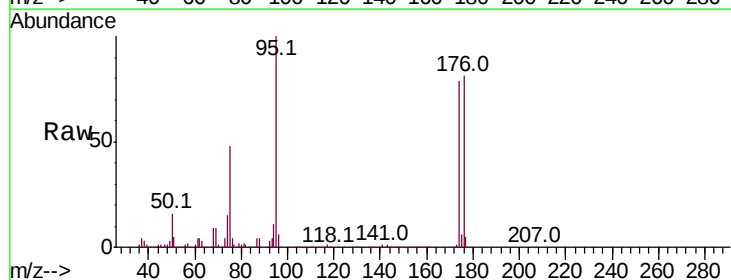
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

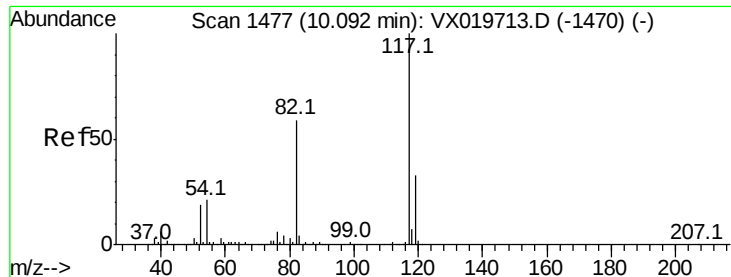
Tot Ion:107 Resp: 63555
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 46.155 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019797.D
 Acq: 09 Dec 2020 23:55

Tgt Ion: 95 Resp: 196143
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 154.6
 176 76.1 0.0 155.8

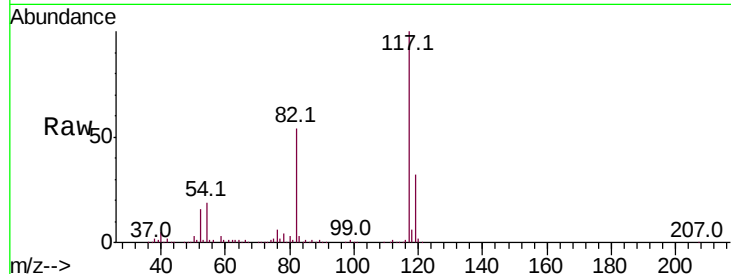




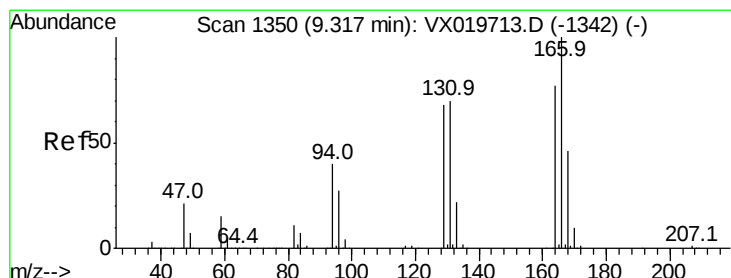
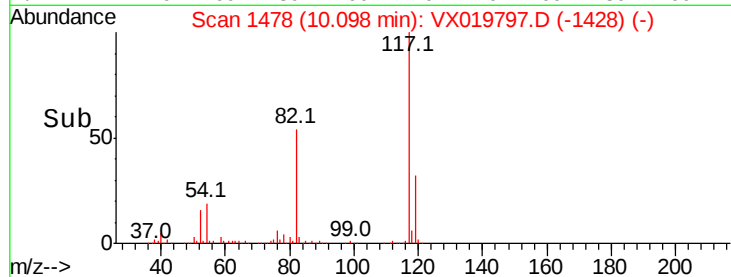
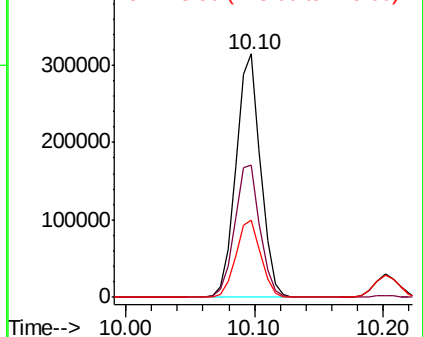
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

Tot Ion:117 Resp: 417565
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 31.8 26.6 39.8



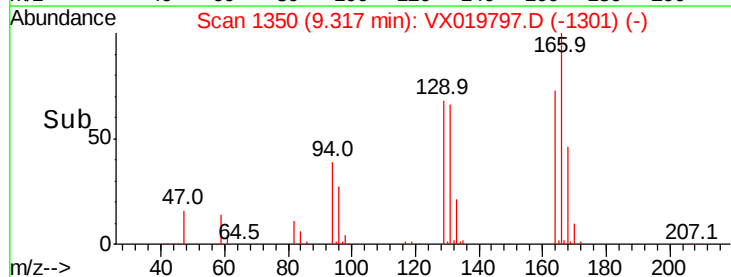
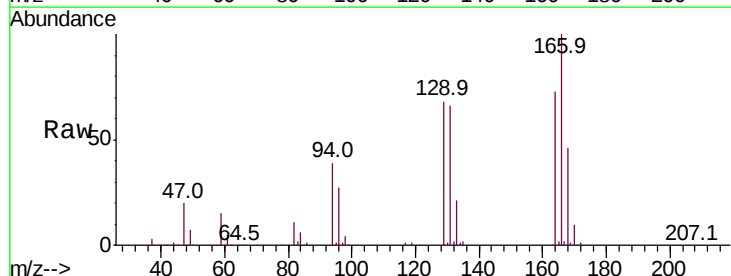
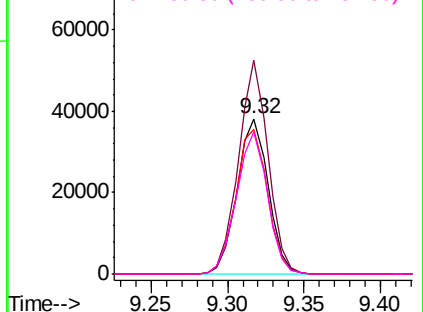
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

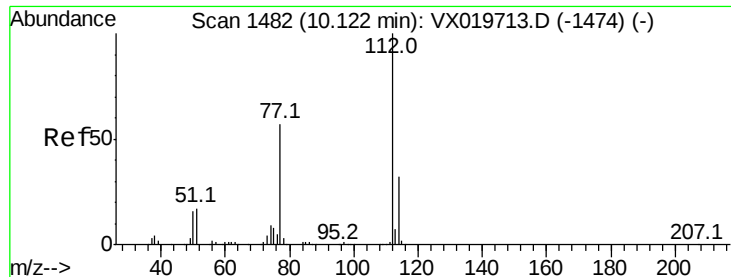


#64
Tetrachloroethene
Concen: 19.289 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion:164 Resp: 54013
Ion Ratio Lower Upper
164 100
166 137.3 103.4 155.2
129 93.4 70.8 106.2
131 91.1 72.5 108.7

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.653 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

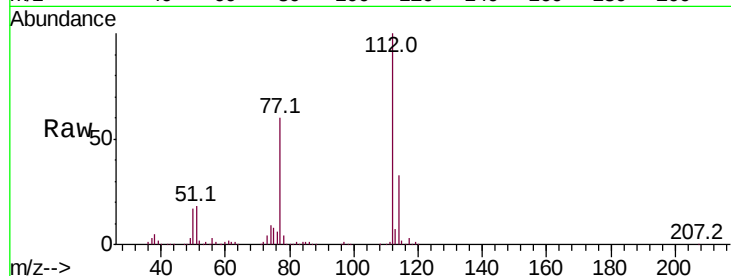
VX1209WBS02

Tot Ion:112 Resp: 155179

Ion Ratio Lower Upper

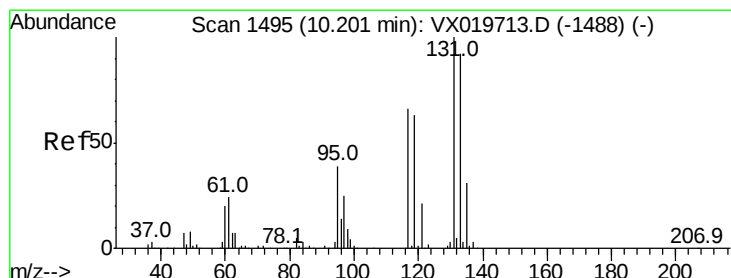
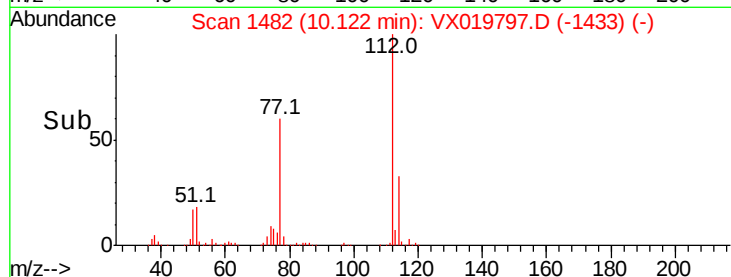
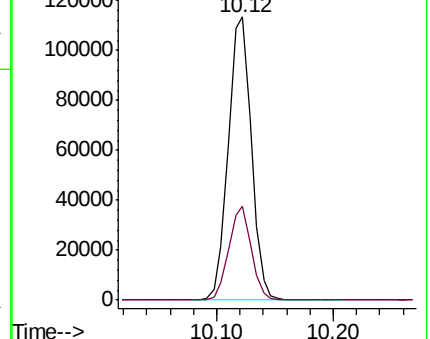
112 100

114 33.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.008 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

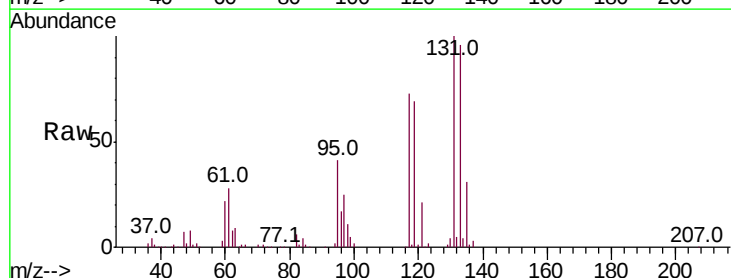
Tgt Ion:131 Resp: 56914

Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

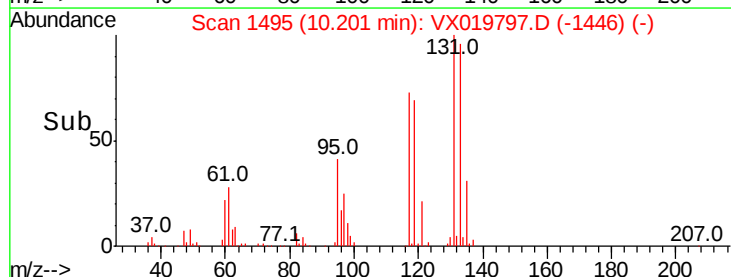
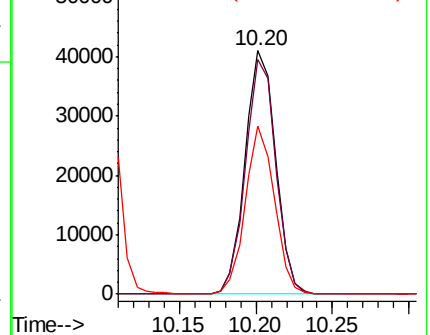
119 65.8 32.1 96.5

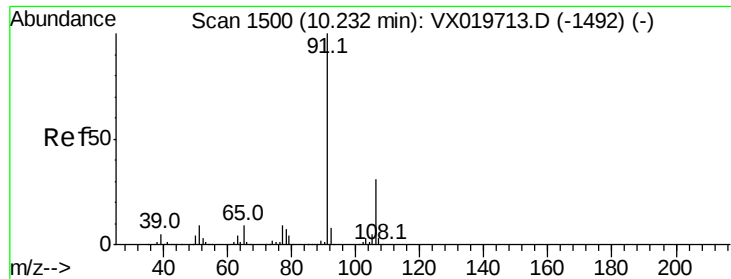


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.734 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

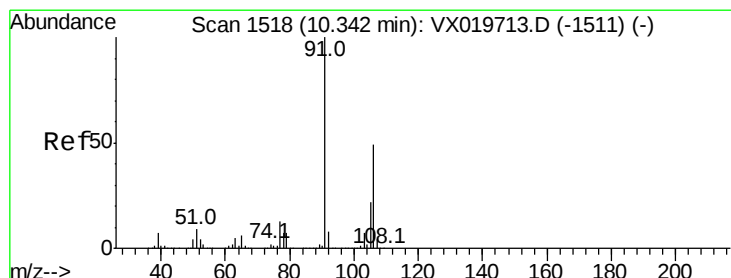
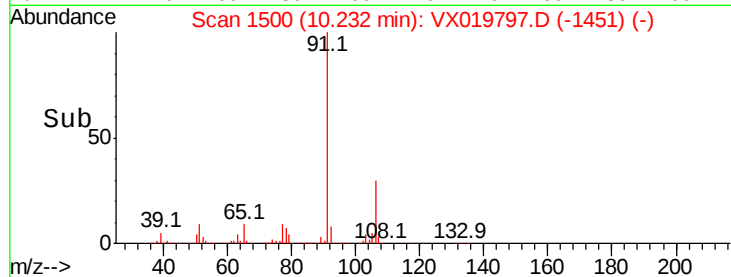
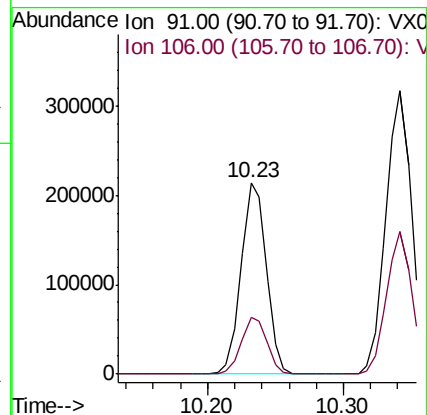
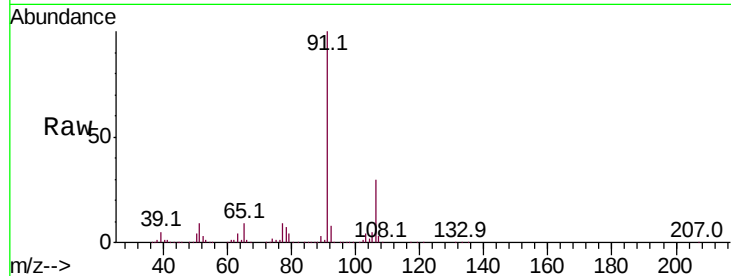
VX1209WBS02

Tot Ion: 91 Resp: 276633

Ion Ratio Lower Upper

91 100

106 29.6 24.6 37.0



#68

m/p-Xylenes

Concen: 37.391 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019797.D

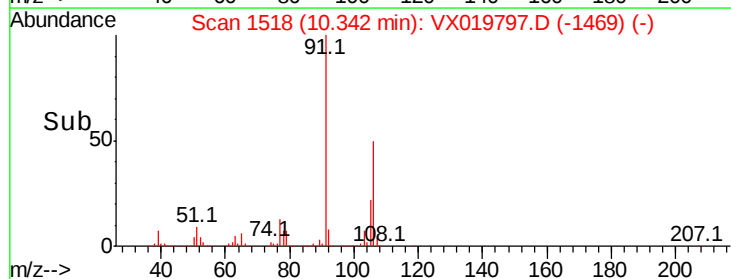
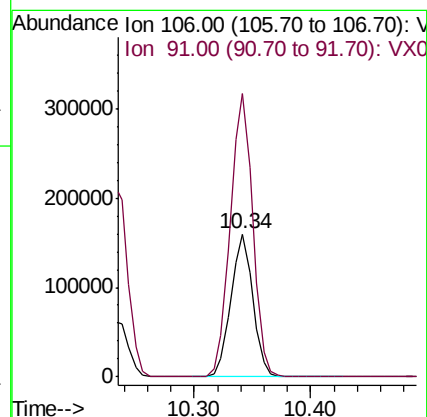
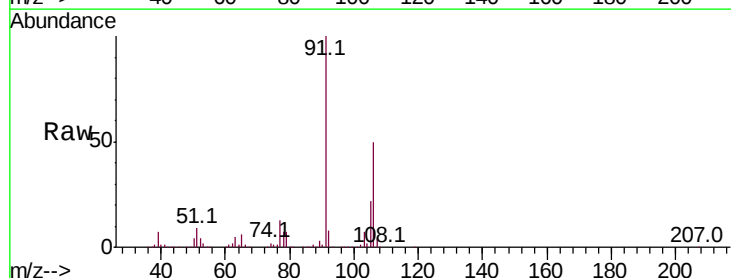
Acq: 09 Dec 2020 23:55

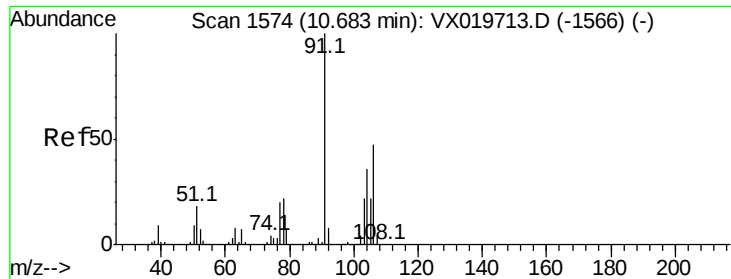
Tgt Ion: 106 Resp: 208053

Ion Ratio Lower Upper

106 100

91 202.9 162.8 244.2

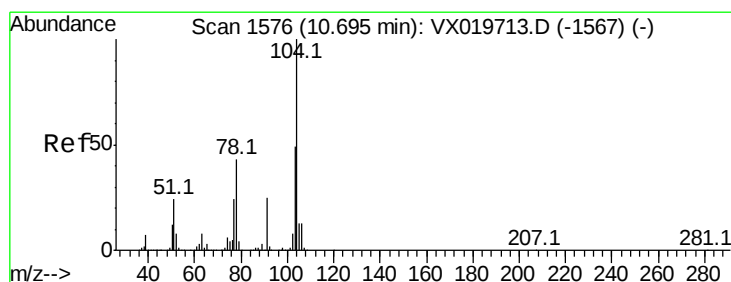
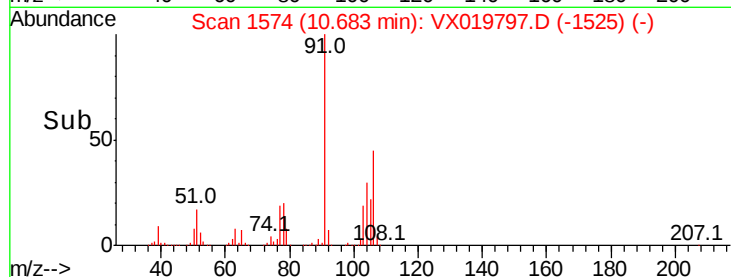
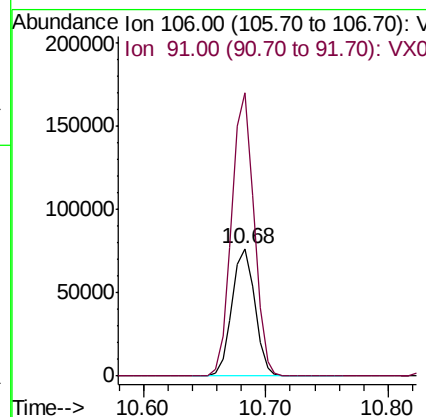
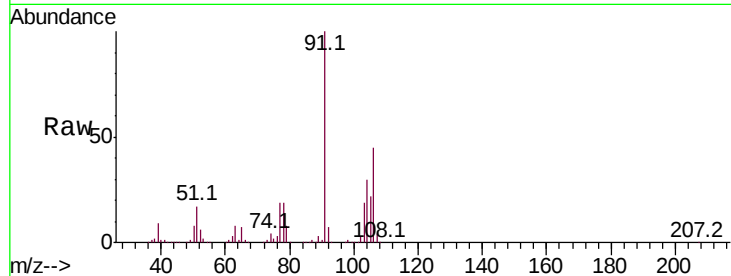




#69
o-Xylene
Concen: 18.477 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

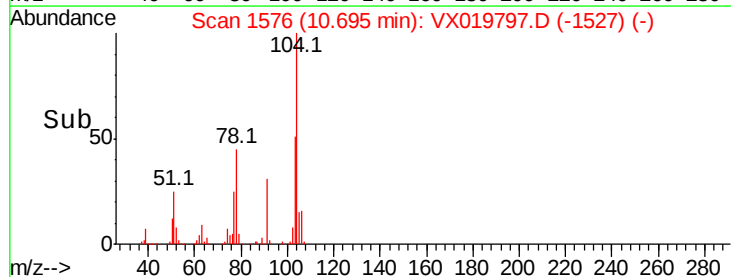
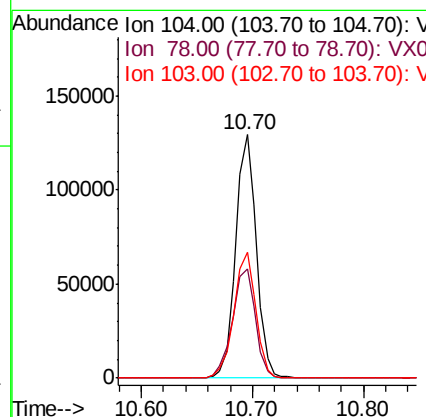
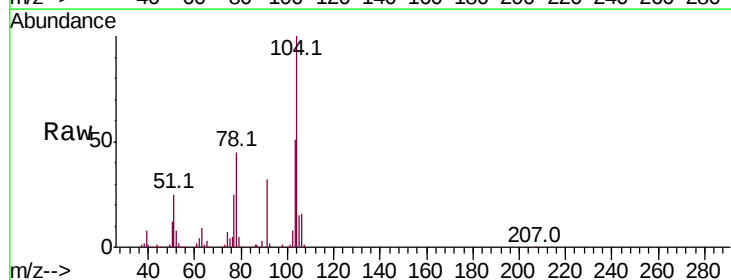
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

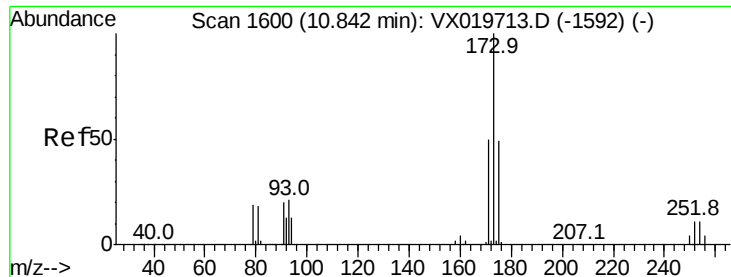
Tot Ion:106 Resp: 98900
Ion Ratio Lower Upper
106 100
91 217.7 108.1 324.2



#70
Styrene
Concen: 18.365 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion:104 Resp: 165922
Ion Ratio Lower Upper
104 100
78 50.3 40.0 60.0
103 54.8 43.4 65.0





#71

Bromoform

Concen: 18.050 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

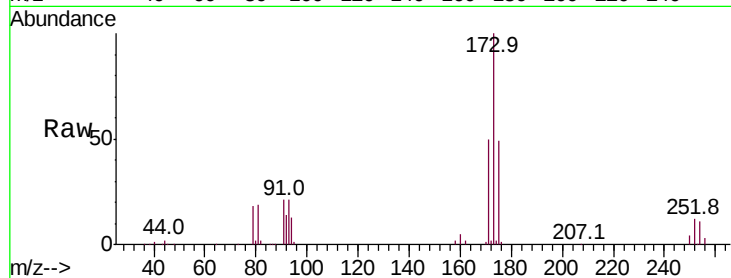
Tot Ion:173 Resp: 42518

Ion Ratio Lower Upper

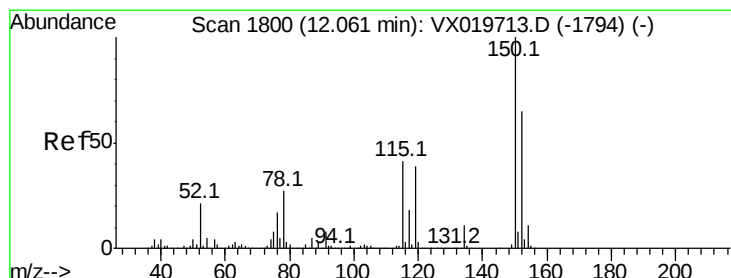
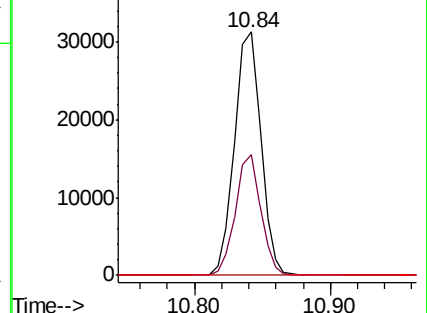
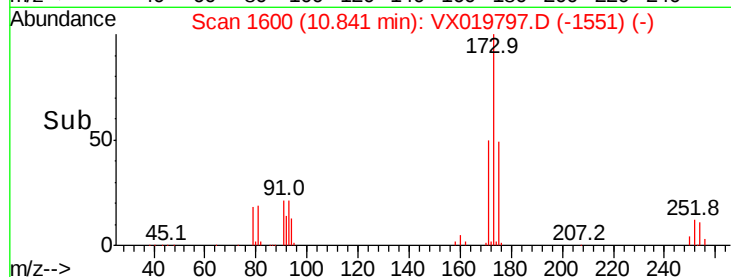
173 100

175 47.6 23.9 71.8

254 0.0 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: VX019797.D

Acq: 09 Dec 2020 23:55

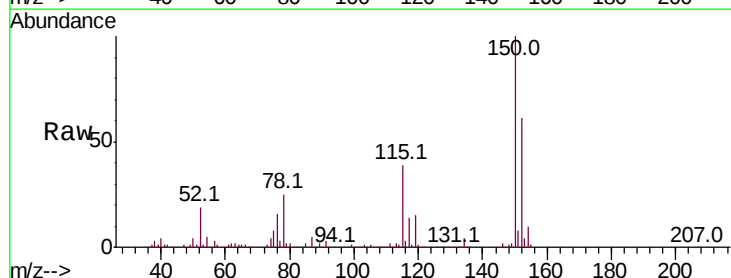
Tgt Ion:152 Resp: 197052

Ion Ratio Lower Upper

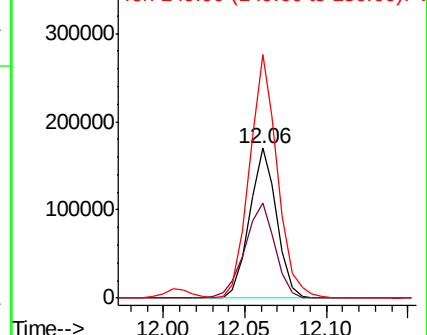
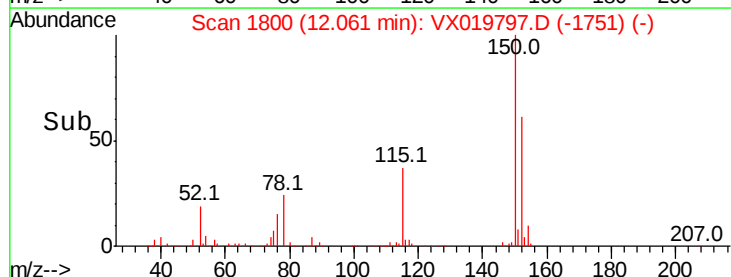
152 100

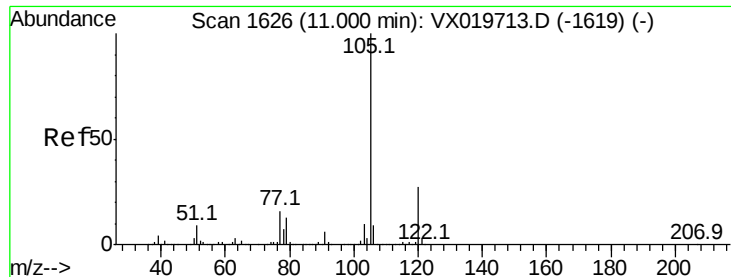
115 70.1 41.1 123.3

150 166.6 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: 19.918 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

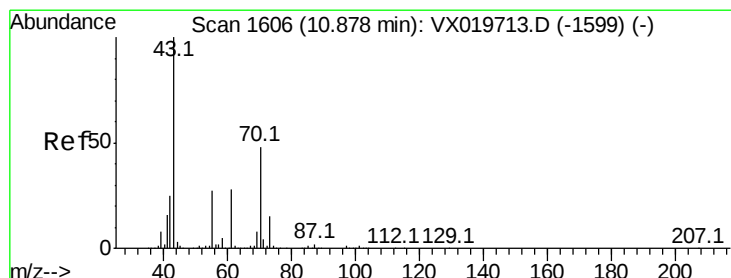
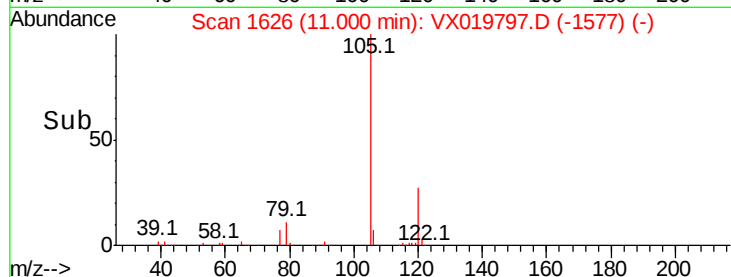
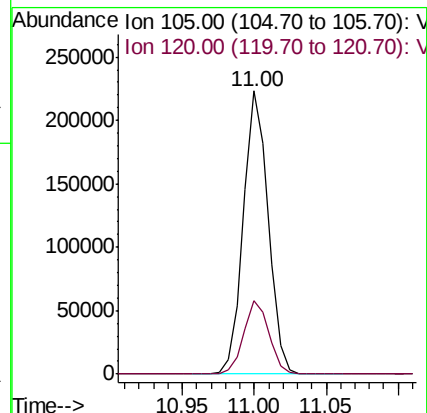
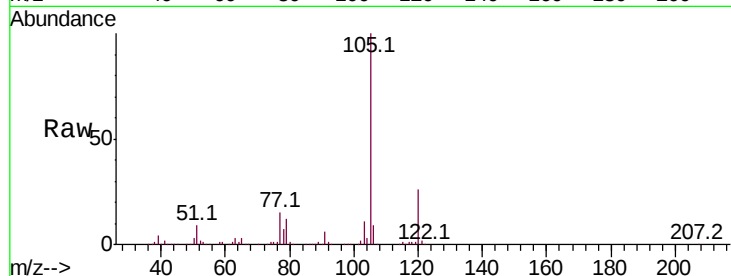
VX1209WBS02

Tot Ion:105 Resp: 268148

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 18.647 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Tgt Ion: 43 Resp: 100598

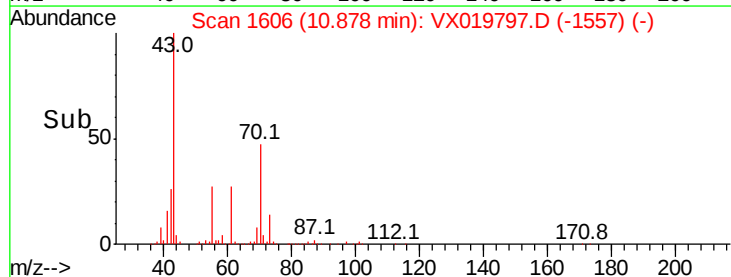
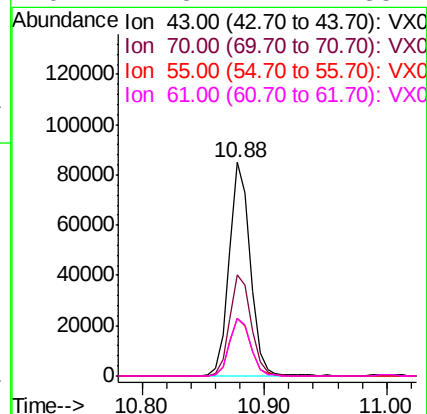
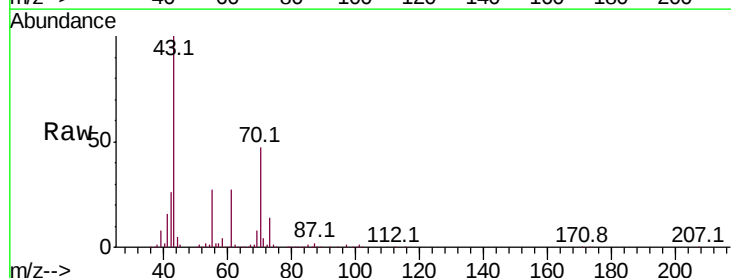
Ion Ratio Lower Upper

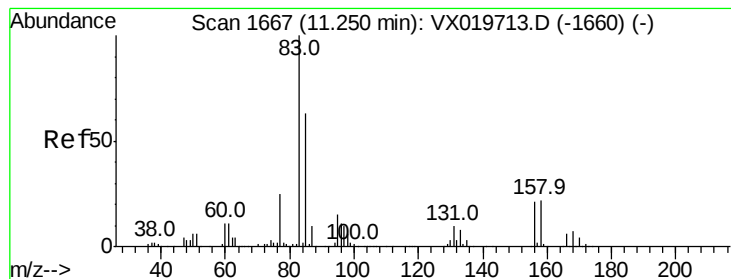
43 100

70 48.5 39.0 58.6

55 27.6 21.5 32.3

61 27.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.275 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

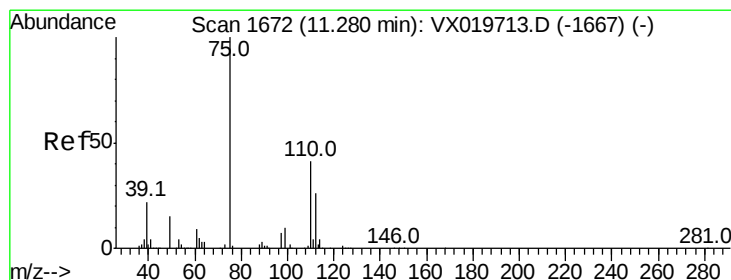
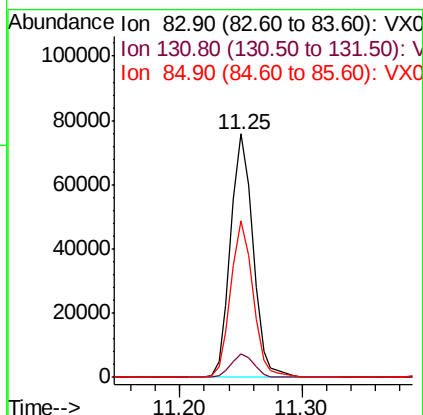
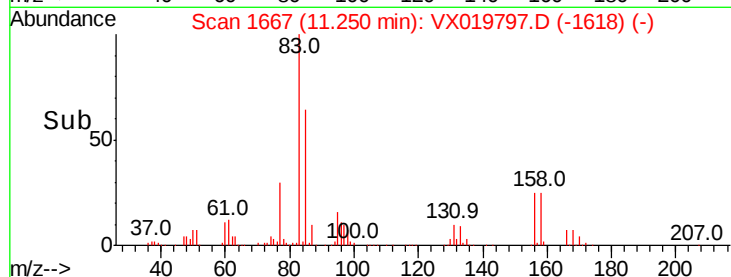
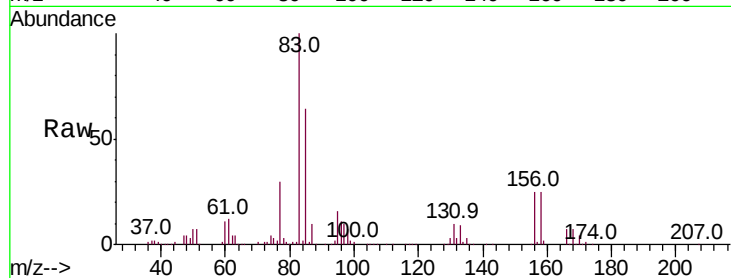
Tot Ion: 83 Resp: 96232

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

85 63.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 23.435 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019797.D

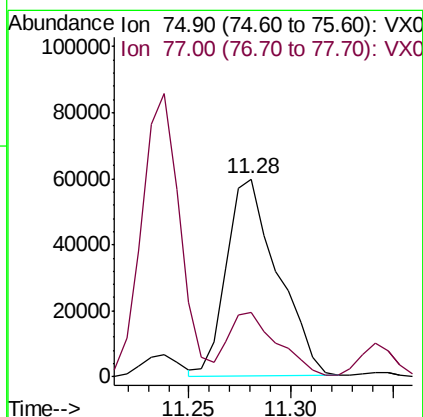
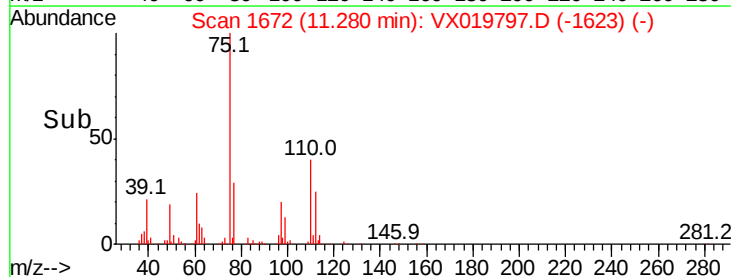
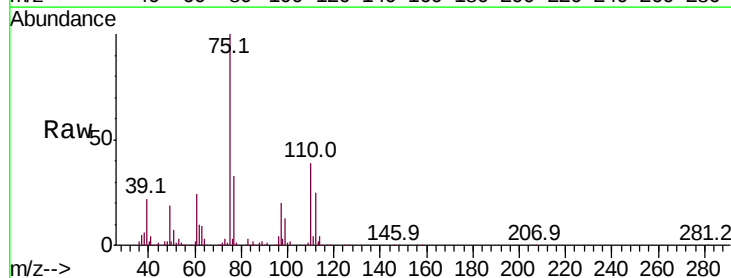
Acq: 09 Dec 2020 23:55

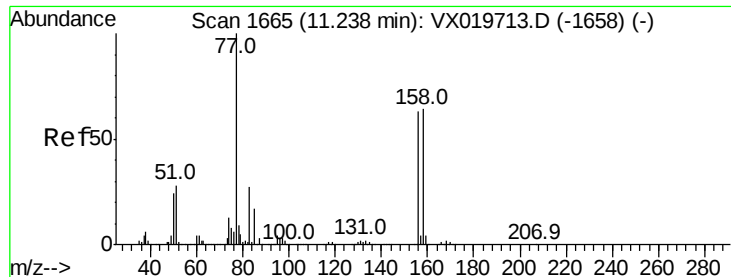
Tgt Ion: 75 Resp: 103574

Ion Ratio Lower Upper

75 100

77 31.5 19.1 57.5





#77

Bromobenzene

Concen: 19.523 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

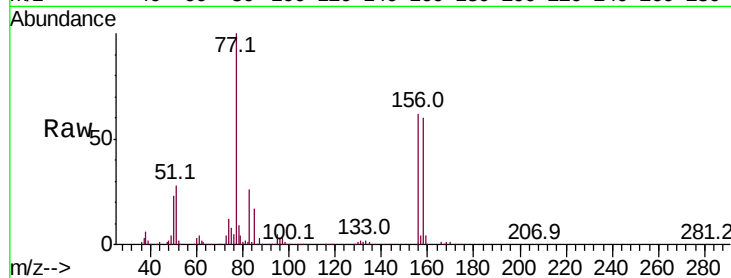
Tot Ion:156 Resp: 67260

Ion Ratio Lower Upper

156 100

77 165.5 82.8 248.6

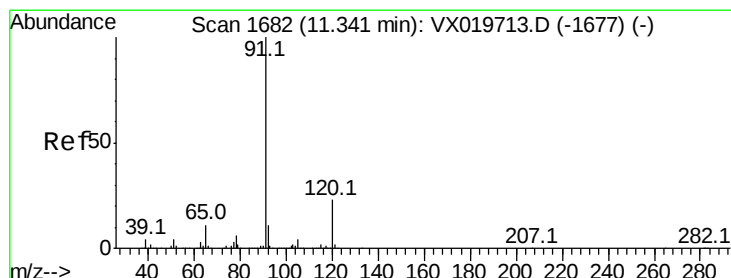
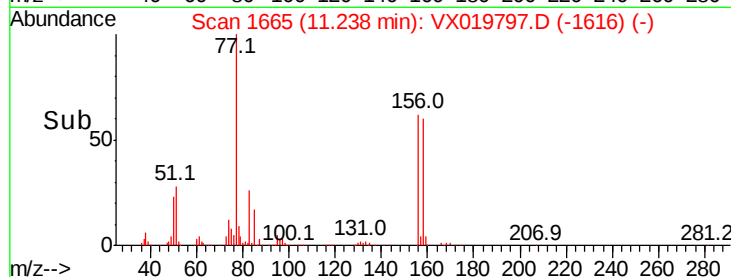
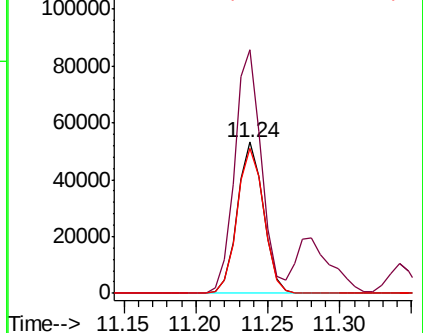
158 98.1 49.1 147.4



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: 19.572 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019797.D

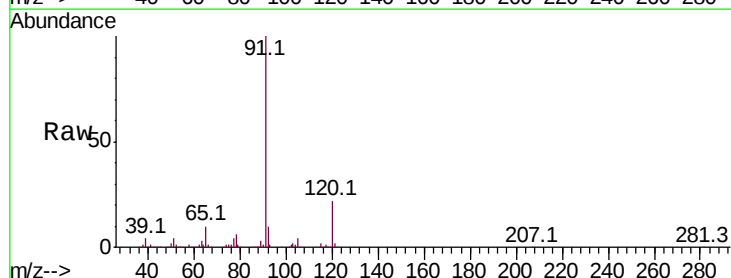
Acq: 09 Dec 2020 23:55

Tgt Ion: 91 Resp: 300947

Ion Ratio Lower Upper

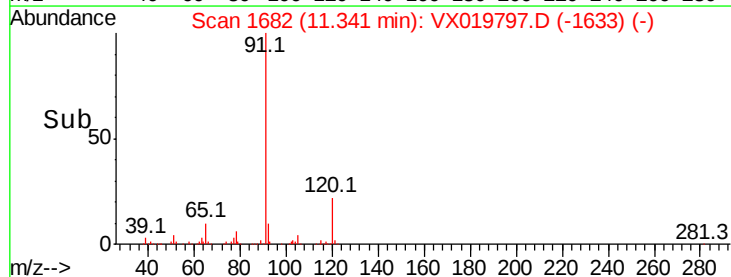
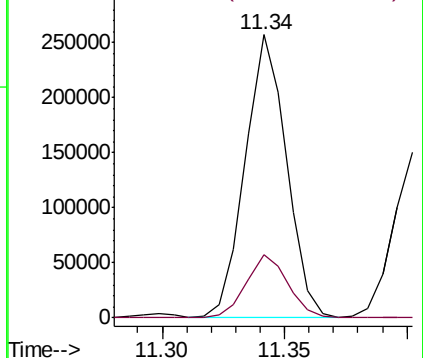
91 100

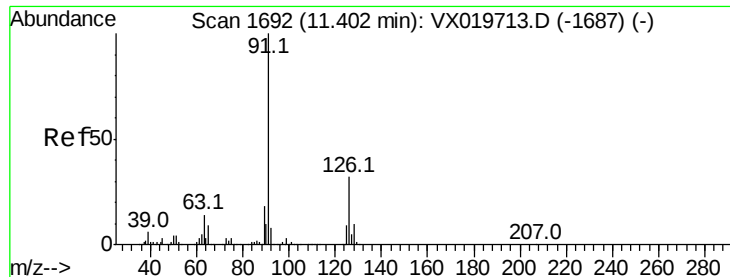
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.454 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

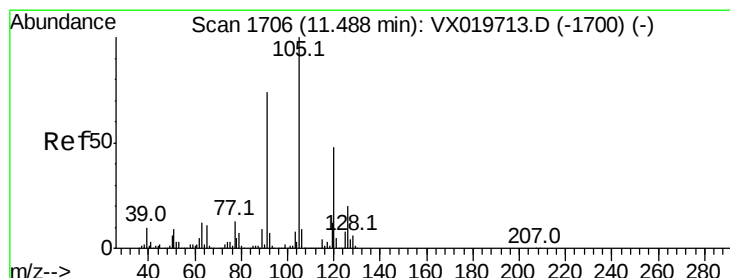
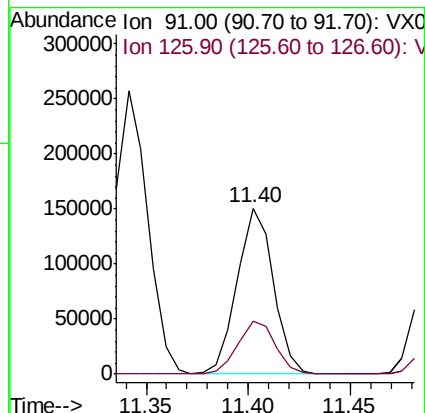
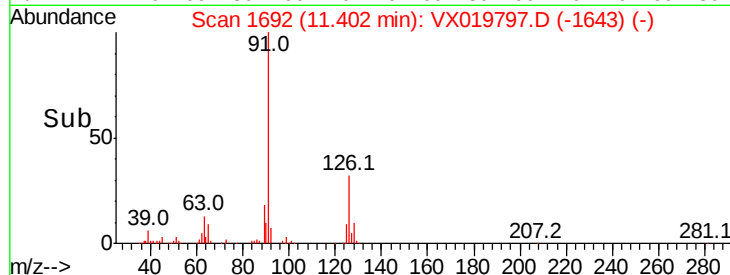
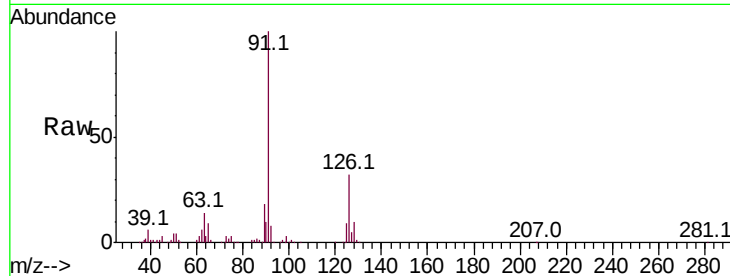
VX1209WBS02

Tot Ion: 91 Resp: 184207

Ion Ratio Lower Upper

91 100

126 33.4 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 19.985 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019797.D

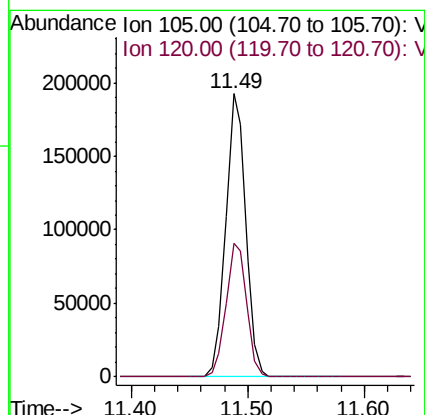
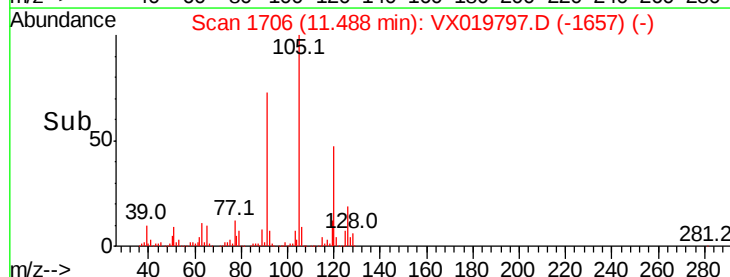
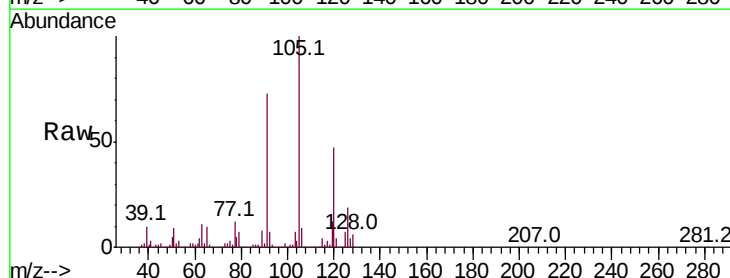
Acq: 09 Dec 2020 23:55

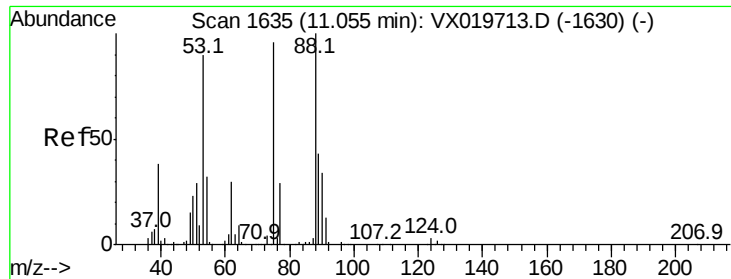
Tgt Ion: 105 Resp: 227067

Ion Ratio Lower Upper

105 100

120 48.6 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 16.840 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

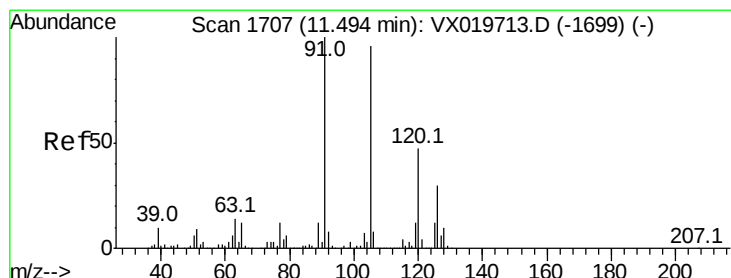
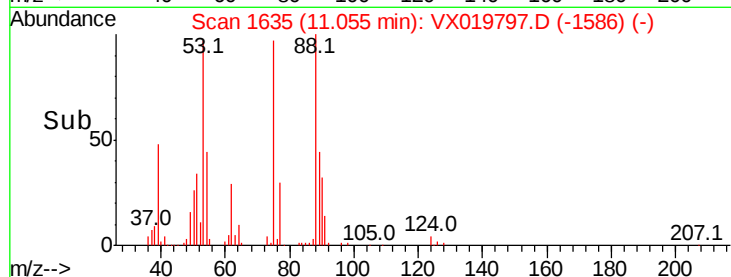
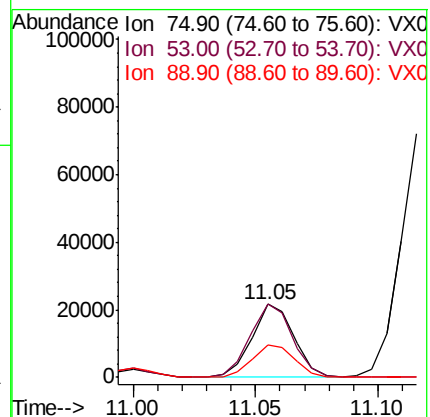
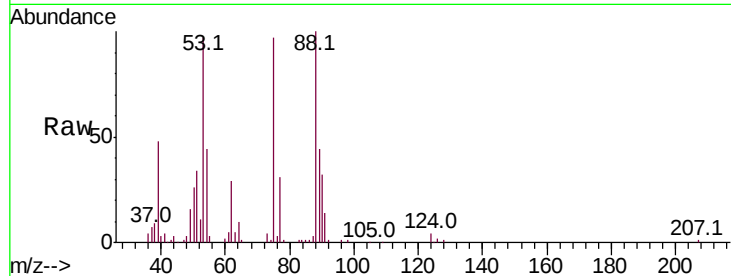
Tot Ion: 75 Resp: 25746

Ion Ratio Lower Upper

75 100

53 102.2 74.5 111.7

89 45.7 37.9 56.9



#82

4-Chlorotoluene

Concen: 19.461 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019797.D

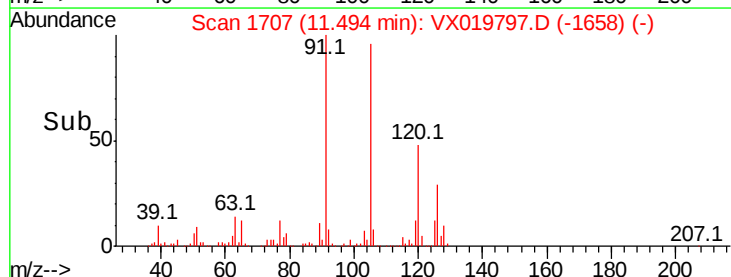
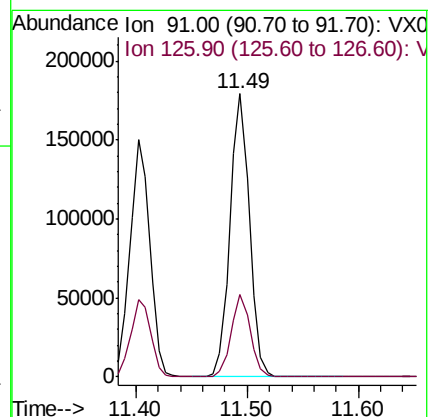
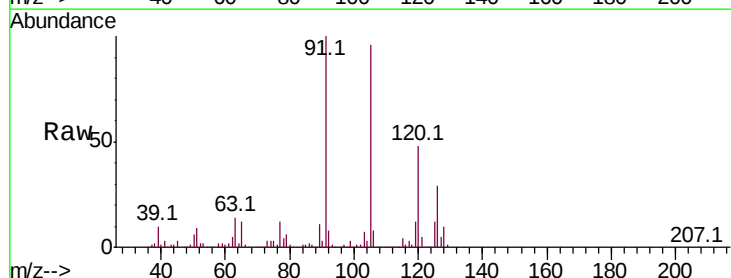
Acq: 09 Dec 2020 23:55

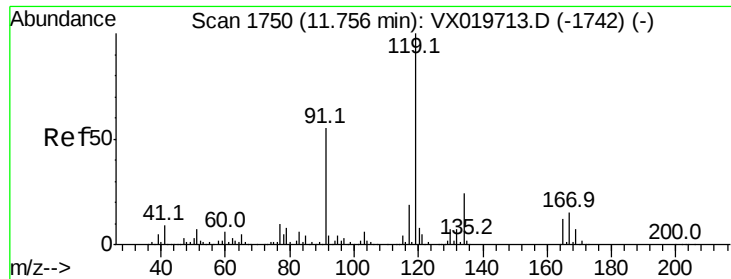
Tgt Ion: 91 Resp: 215822

Ion Ratio Lower Upper

91 100

126 28.8 14.9 44.5

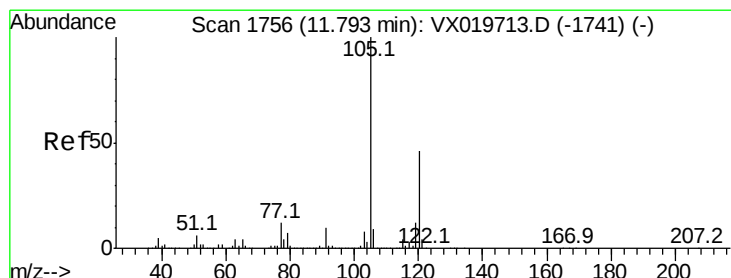
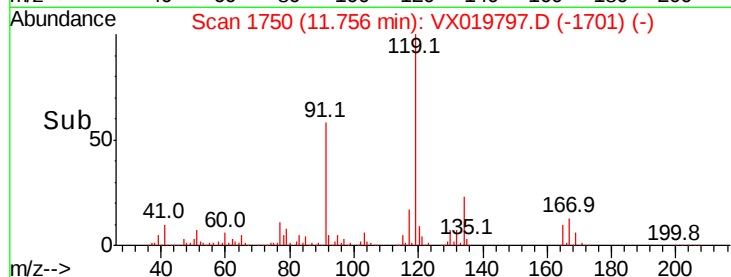
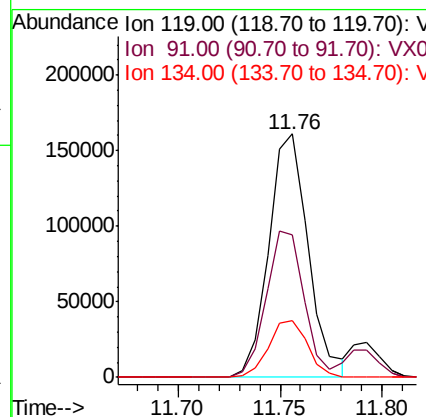
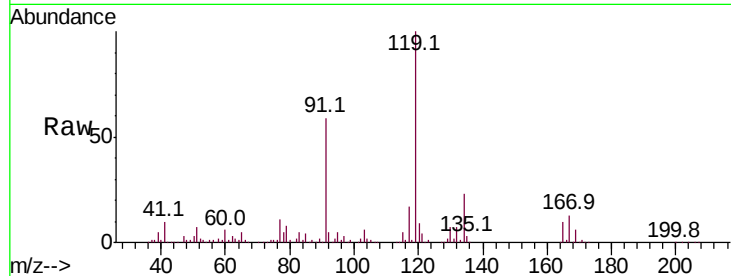




#83
tert-Butylbenzene
Concen: 19.520 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

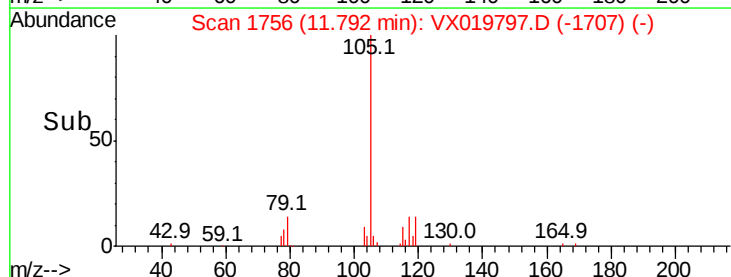
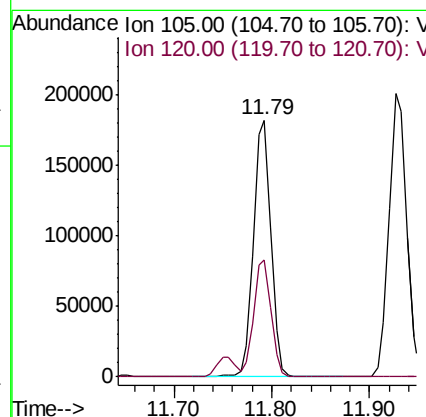
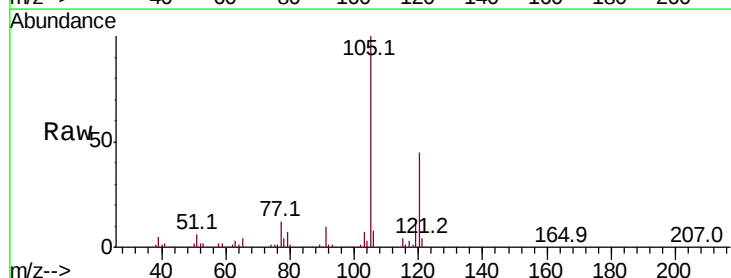
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

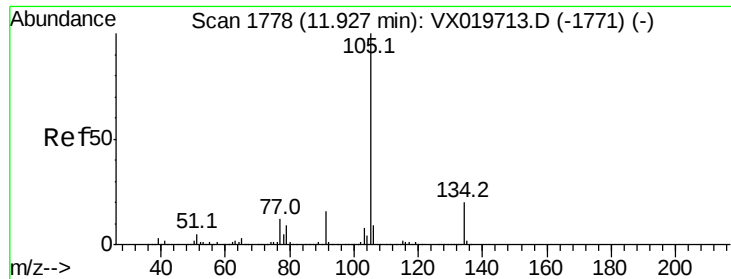
Tot Ion:119 Resp: 217519
Ion Ratio Lower Upper
119 100
91 57.7 27.9 83.7
134 23.0 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 19.692 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion:105 Resp: 225380
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3

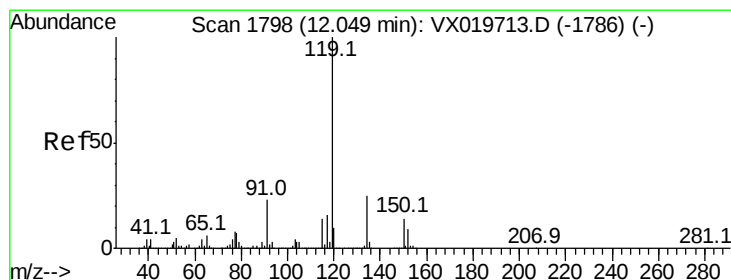
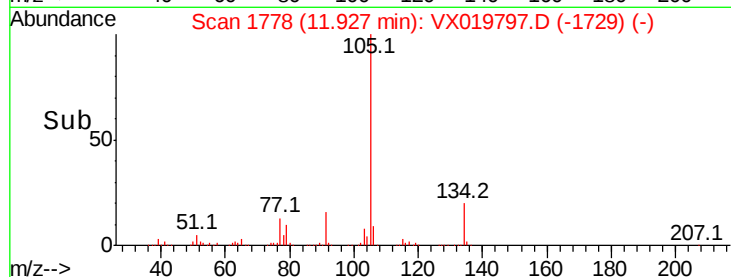
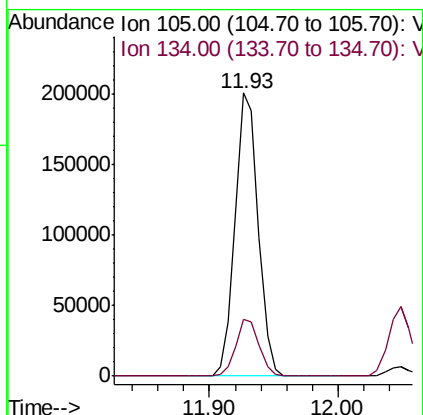
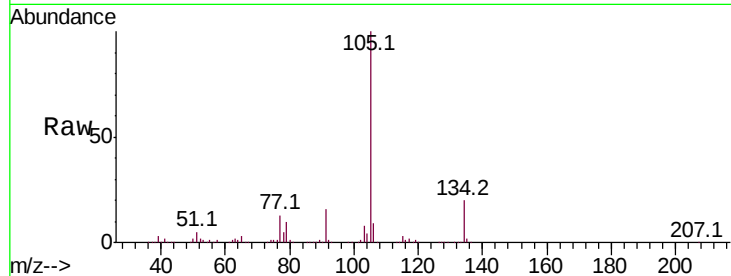




#85
 sec-Butylbenzene
 Concen: 19.750 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019797.D
 Acq: 09 Dec 2020 23:55

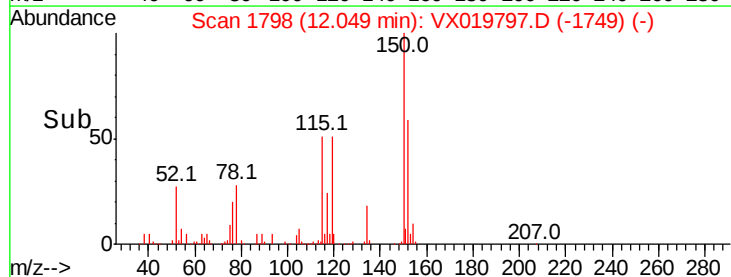
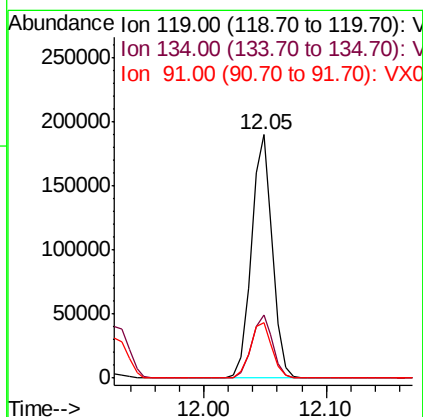
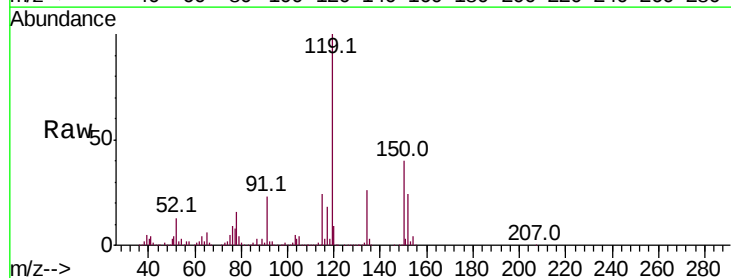
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

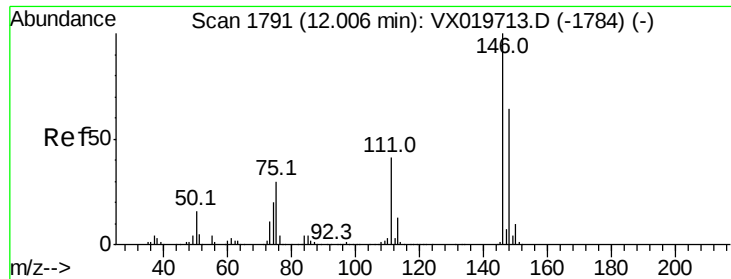
Tot Ion:105 Resp: 251275
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.338 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019797.D
 Acq: 09 Dec 2020 23:55

Tgt Ion:119 Resp: 225484
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.8 11.7 35.0

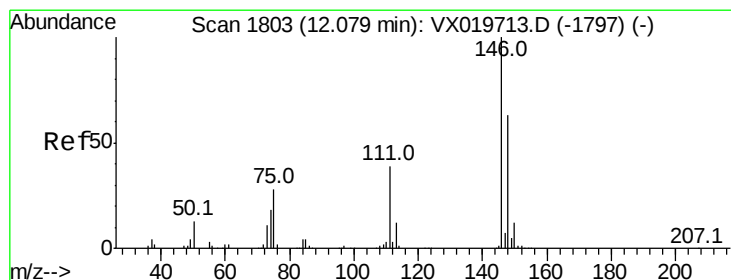
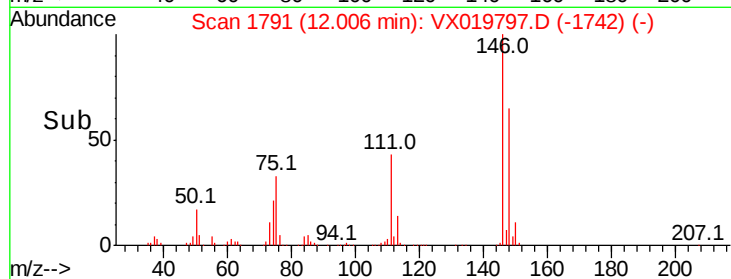
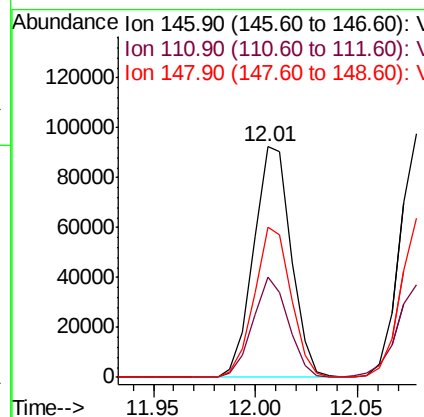
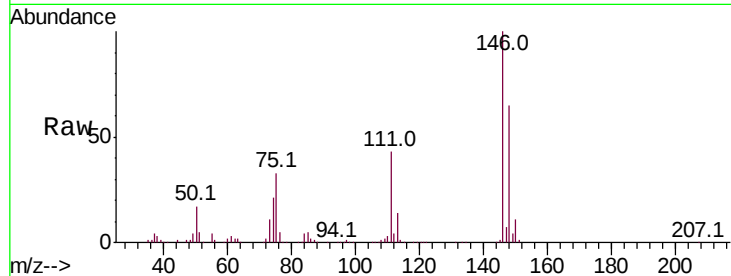




#87
 1,3-Dichlorobenzene
 Concen: 18.808 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019797.D
 Acq: 09 Dec 2020 23:55

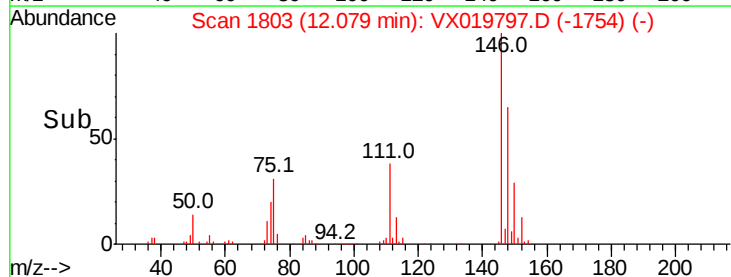
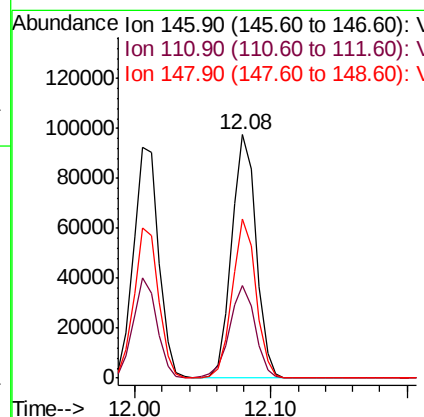
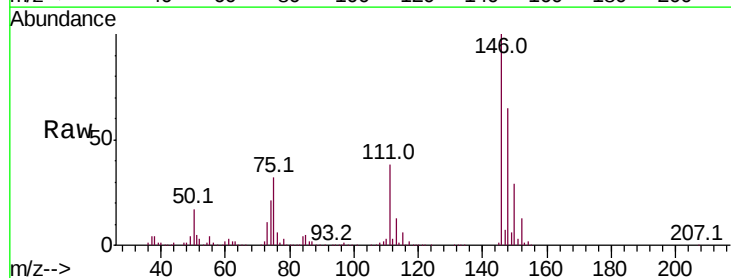
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

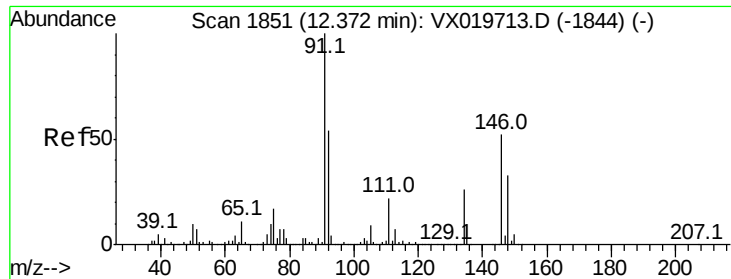
Tot Ion:146 Resp: 118930
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.2 60.5
 148 63.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.866 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019797.D
 Acq: 09 Dec 2020 23:55

Tgt Ion:146 Resp: 121502
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.8
 148 63.6 31.6 95.0

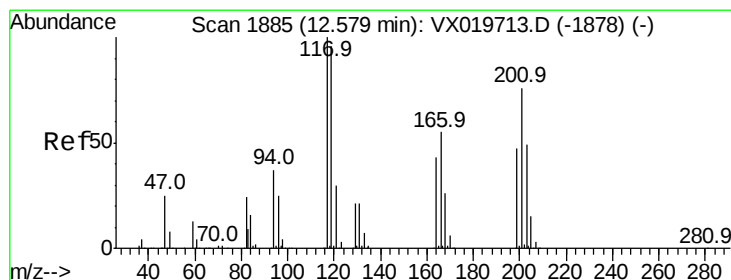
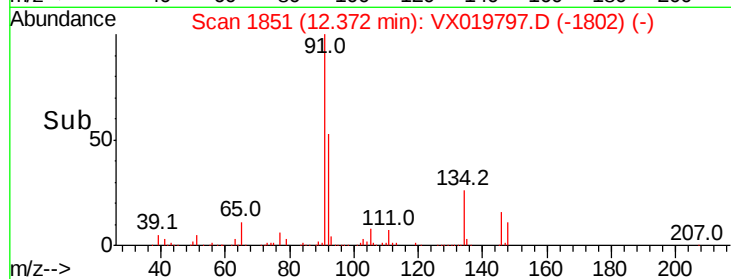
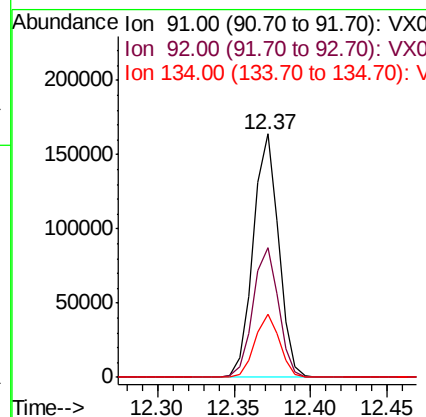
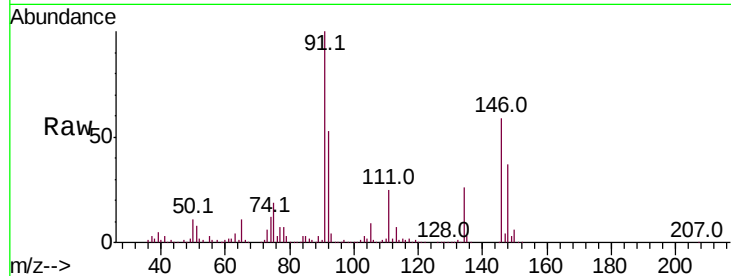




#89
n-Butylbenzene
Concen: 18.295 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

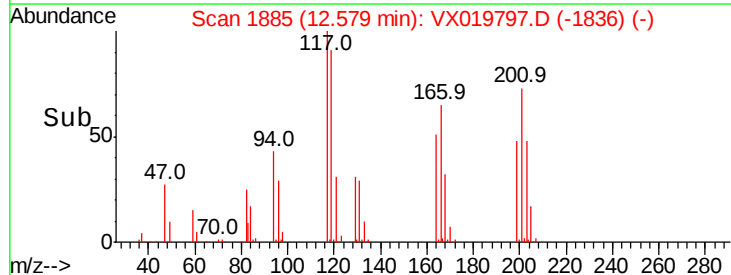
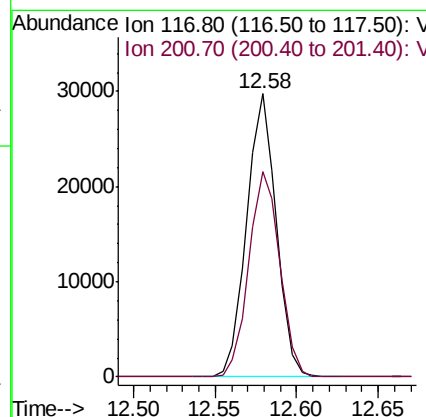
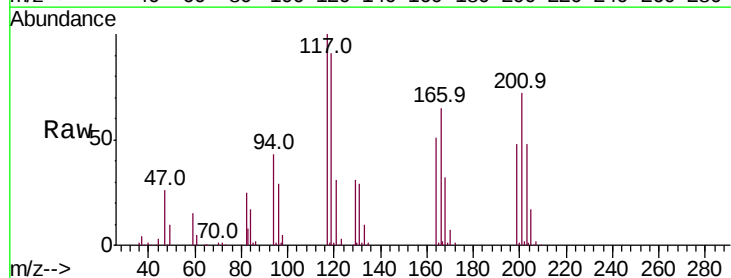
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

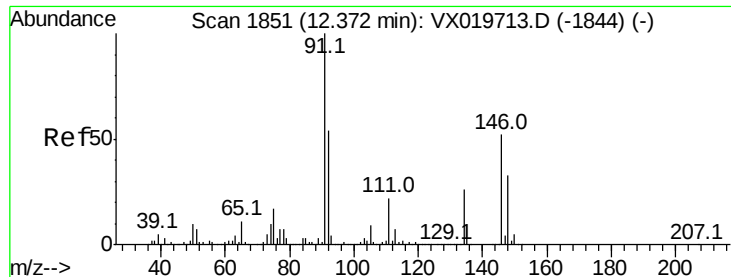
Tot Ion: 91 Resp: 188995
Ion Ratio Lower Upper
91 100
92 53.7 27.4 82.0
134 25.3 13.2 39.5



#90
Hexachloroethane
Concen: 18.712 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion: 117 Resp: 37668
Ion Ratio Lower Upper
117 100
201 76.0 40.4 121.2





#91

1,2-Dichlorobenzene

Concen: 19.651 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

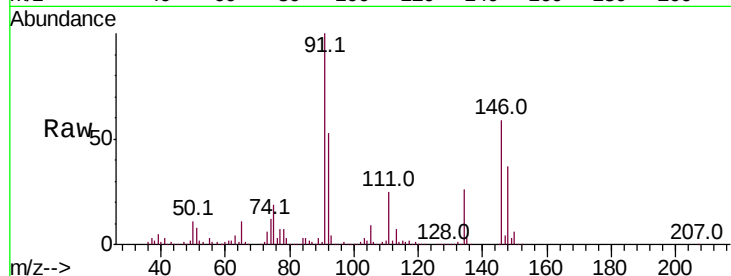
Tot Ion:146 Resp: 121127

Ion Ratio Lower Upper

146 100

111 41.2 20.8 62.2

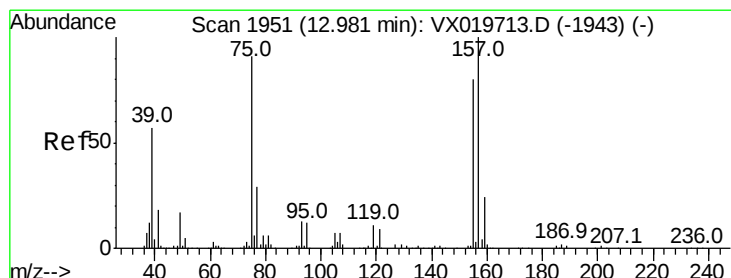
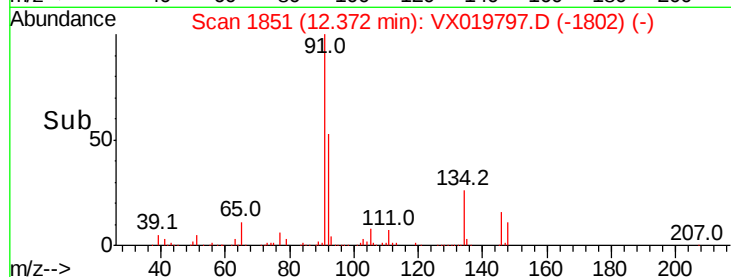
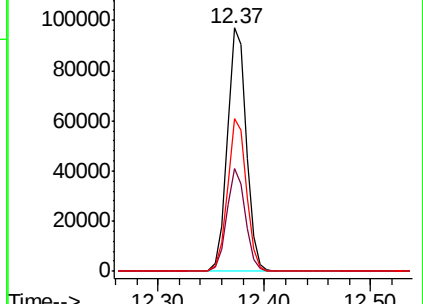
148 62.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.489 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019797.D

Acq: 09 Dec 2020 23:55

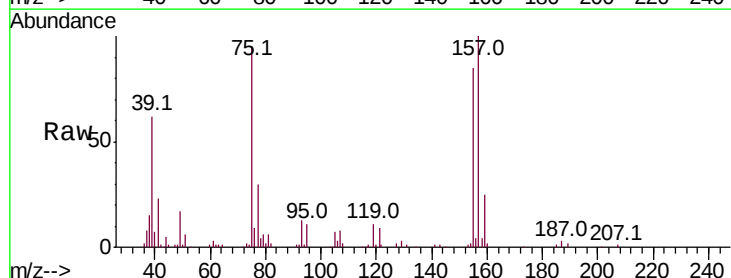
Tgt Ion: 75 Resp: 19886

Ion Ratio Lower Upper

75 100

155 87.3 45.3 135.9

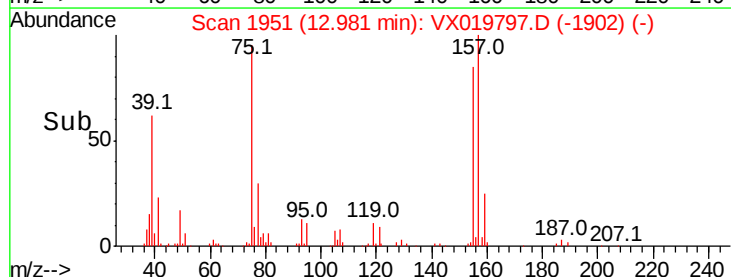
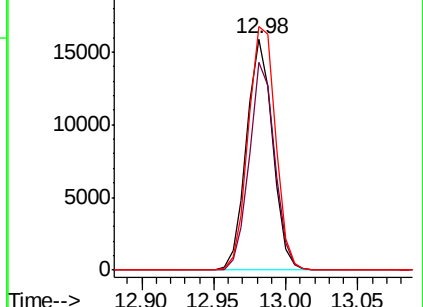
157 109.8 57.7 173.1

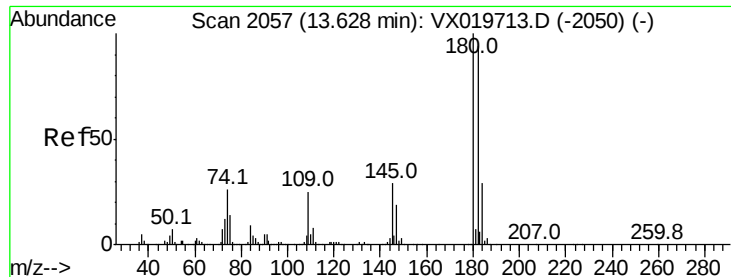


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

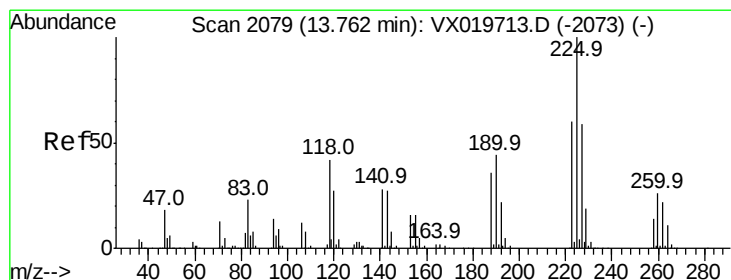
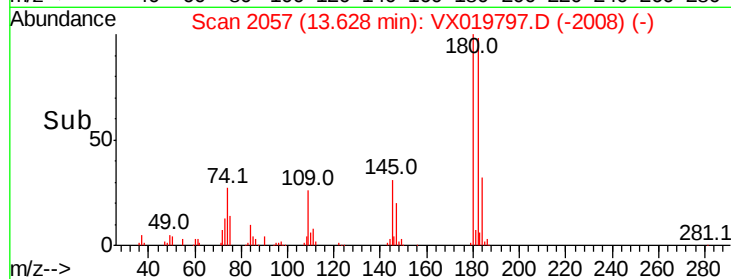
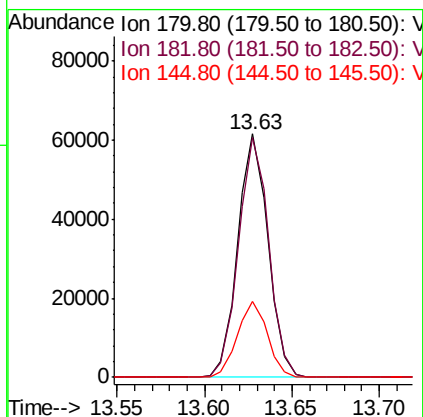
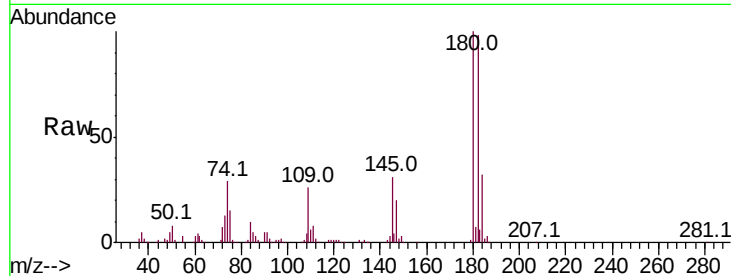




#93
 1,2,4-Trichlorobenzene
 Concen: 18.429 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019797.D
 Acq: 09 Dec 2020 23:55

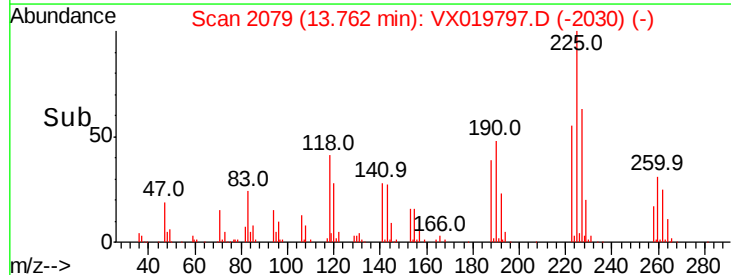
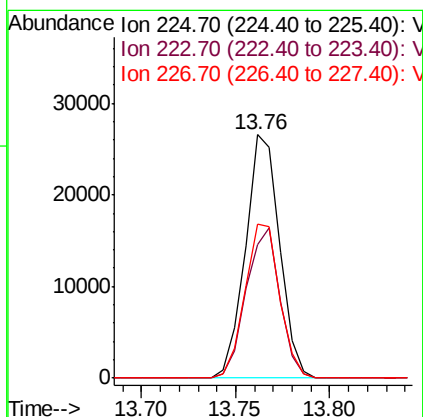
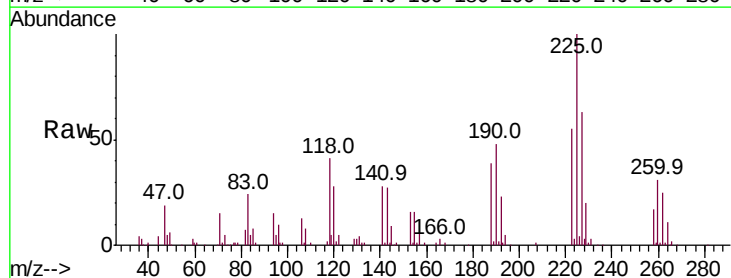
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

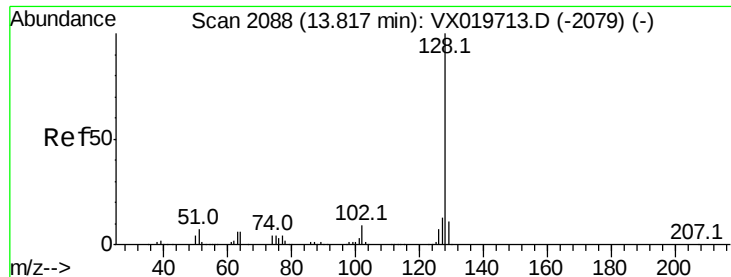
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.7	143.1
145	31.2	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 18.623 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019797.D
 Acq: 09 Dec 2020 23:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.1	93.2
227	64.5	31.6	95.0

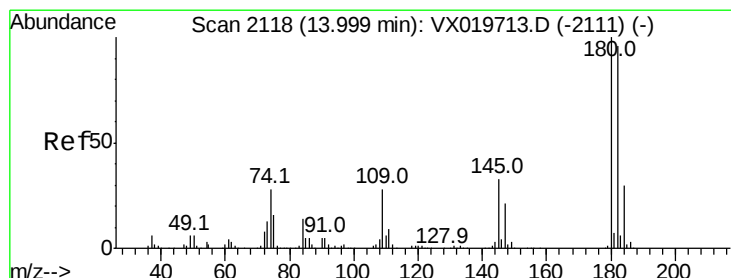
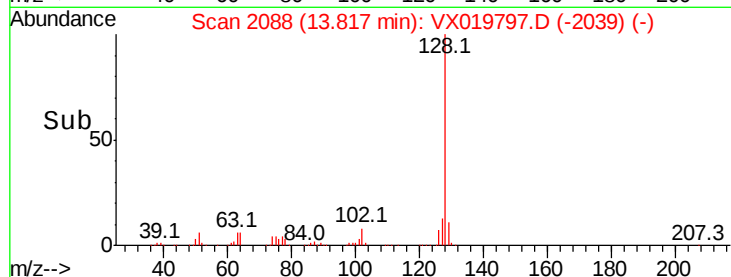
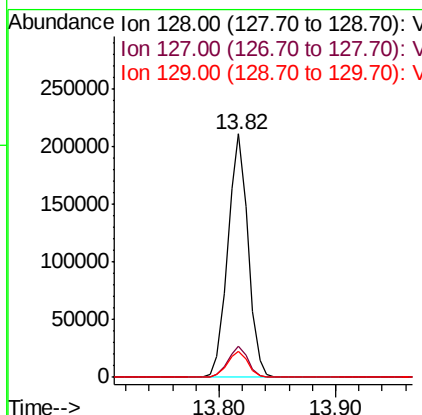
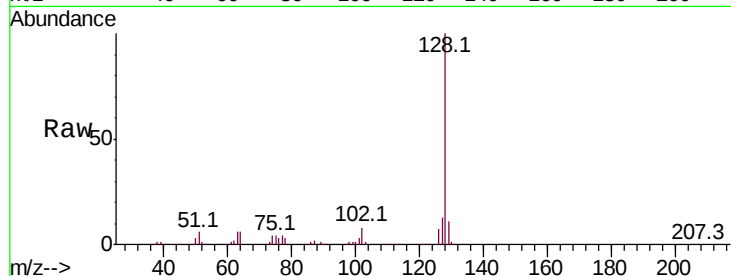




#95
Naphthalene
Concen: 19.482 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

Tot Ion:128 Resp: 253430
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.249 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019797.D
Acq: 09 Dec 2020 23:55

Tgt Ion:180 Resp: 75482
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.9
145 33.1 16.1 48.3

