

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019795.D
 Acq On : 09 Dec 2020 22:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 10 06:42:49 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	5.62	168	277704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	414976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176303	48.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.60%
35) Dibromofluoromethane	5.46	113	145747	49.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.38%
50) Toluene-d8	8.70	98	553658	49.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.88%
62) 4-Bromofluorobenzene	11.12	95	212421	49.84	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.68%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	128561	50.565	ug/l	99
3) Chloromethane	1.31	50	134609	45.018	ug/l	99
4) Vinyl Chloride	1.39	62	162102	51.415	ug/l	100
5) Bromomethane	1.62	94	48203	46.045	ug/l	98
6) Chloroethane	1.70	64	103312	54.549	ug/l	98
7) Trichlorofluoromethane	1.91	101	228241	51.982	ug/l	99
8) Diethyl Ether	2.17	74	94606	50.845	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136576	54.267	ug/l	99
10) Methyl Iodide	2.49	142	160467	43.257	ug/l	100
11) Tert butyl alcohol	3.01	59	196974	262.641	ug/l	100
12) 1,1-Dichloroethene	2.36	96	135919	53.420	ug/l	97
13) Acrolein	2.27	56	77000	191.127	ug/l	98
14) Allyl chloride	2.70	41	217726	50.667	ug/l	98
15) Acrylonitrile	3.11	53	440995	267.270	ug/l	99
16) Acetone	2.42	43	348201	253.812	ug/l	100
17) Carbon Disulfide	2.55	76	339453	46.496	ug/l	100
18) Methyl Acetate	2.75	43	187013	55.706	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	490132	52.895	ug/l	99
20) Methylene Chloride	2.83	84	163815	52.372	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	151559	51.093	ug/l	99
22) Diisopropyl ether	3.82	45	466326	53.673	ug/l	94
23) Vinyl Acetate	3.78	43	1986891	268.424	ug/l	100
24) 1,1-Dichloroethane	3.67	63	273660	52.232	ug/l	100
25) 2-Butanone	4.63	43	562381	266.779	ug/l	100
26) 2,2-Dichloropropane	4.55	77	208128	46.128	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	177858	51.235	ug/l	99
28) Bromochloromethane	4.98	49	120940	48.422	ug/l	99
29) Tetrahydrofuran	5.09	42	363083	267.330	ug/l	99
30) Chloroform	5.17	83	286356	53.155	ug/l	99
31) Cyclohexane	5.54	56	235284	51.823	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	244430	52.686	ug/l	100
36) 1,1-Dichloropropene	5.76	75	206100	50.255	ug/l	99
37) Ethyl Acetate	4.79	43	216613	52.313	ug/l	100
38) Carbon Tetrachloride	5.75	117	206080	51.315	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	243885	50.617	ug/l	100
40) Benzene	6.11	78	641491	51.207	ug/l	99
41) Methacrylonitrile	5.00	41	118785	52.249	ug/l	99
42) 1,2-Dichloroethane	6.16	62	222807	52.055	ug/l	99
43) Isopropyl Acetate	6.41	43	347619	51.637	ug/l	99
44) Trichloroethene	7.18	130	164904	50.170	ug/l	98
45) 1,2-Dichloropropane	7.49	63	164080	52.405	ug/l	97
46) Dibromomethane	7.63	93	110338	52.185	ug/l	100
47) Bromodichloromethane	7.87	83	220818	52.631	ug/l	99
48) Methyl methacrylate	7.74	41	174557	52.723	ug/l	99
49) 1,4-Dioxane	7.71	88	84899	1058.538	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1106855	269.303	ug/l	100
52) Toluene	8.76	92	405821	51.795	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	236212	50.734	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	260072	51.417	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	165946	52.556	ug/l	98
56) Ethyl methacrylate	9.16	69	255076	53.395	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278859	51.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	689705	272.530	ug/l	100
59) 2-Hexanone	9.47	43	848993	266.489	ug/l	99
60) Dibromochloromethane	9.56	129	172442	53.754	ug/l	100
61) 1,2-Dibromoethane	9.65	107	174143	51.939	ug/l	100
64) Tetrachloroethene	9.32	164	143247	51.474	ug/l	95
65) Chlorobenzene	10.12	112	427343	51.690	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	159586	53.630	ug/l	99
67) Ethyl Benzene	10.23	91	771722	52.587	ug/l	100
68) m/p-Xylenes	10.34	106	582539	105.345	ug/l	98
69) o-Xylene	10.68	106	280966	52.819	ug/l	99
70) Styrene	10.70	104	480733	53.543	ug/l	99
71) Bromoform	10.84	173	127149	54.316	ug/l #	100
73) Isopropylbenzene	11.00	105	753287	52.944	ug/l	99
74) N-amyl acetate	10.88	43	300531	52.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	265353	52.899	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	305718	65.452	ug/l	88
77) Bromobenzene	11.24	156	189644	52.084	ug/l	98
78) n-propylbenzene	11.34	91	856333	52.696	ug/l	99
79) 2-Chlorotoluene	11.40	91	516207	51.583	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	628965	52.379	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	83210	51.499	ug/l	99
82) 4-Chlorotoluene	11.49	91	603782	51.515	ug/l	99
83) tert-Butylbenzene	11.76	119	628743	53.388	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	652201	53.919	ug/l	99
85) sec-Butylbenzene	11.93	105	716543	53.291	ug/l	100
86) p-Isopropyltoluene	12.05	119	656880	53.306	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	334934	50.119	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	340239	49.987	ug/l	99
89) n-Butylbenzene	12.37	91	567644	51.993	ug/l	100
90) Hexachloroethane	12.58	117	113643	53.416	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	340138	52.212	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59106	54.810	ug/l	97

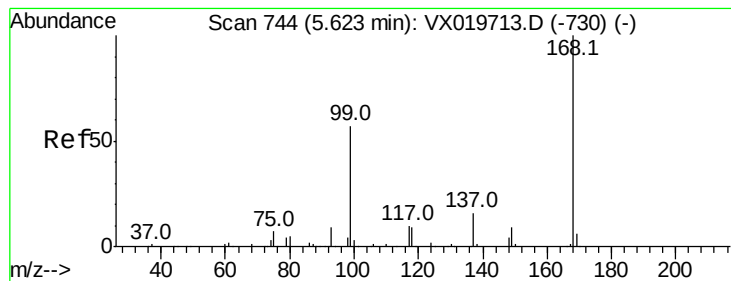
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	223071	52.603	ug/l	99
94) Hexachlorobutadiene	13.77	225	97610	51.499	ug/l	98
95) Naphthalene	13.82	128	762182	55.438	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	223624	53.958	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

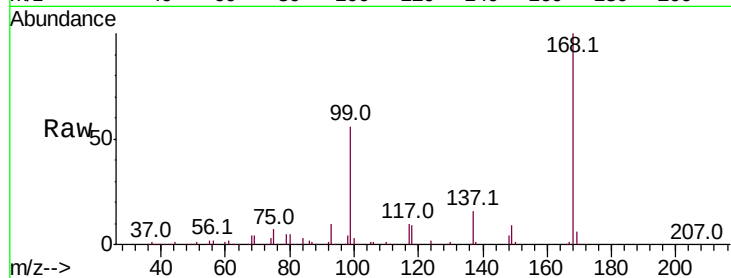
VSTDCCC050

Tot Ion:168 Resp: 277704

Ion Ratio Lower Upper

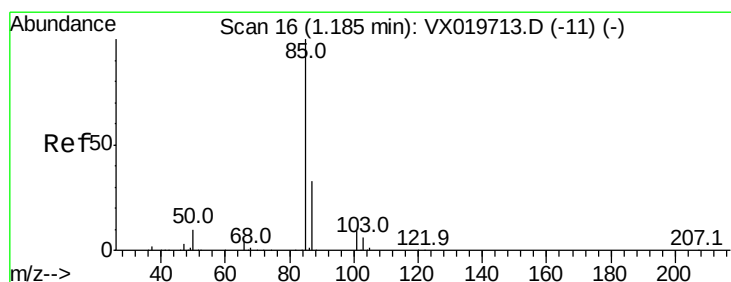
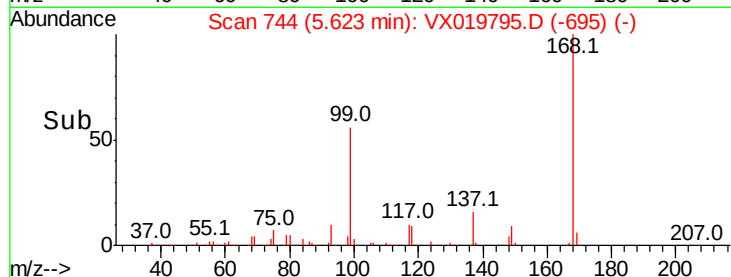
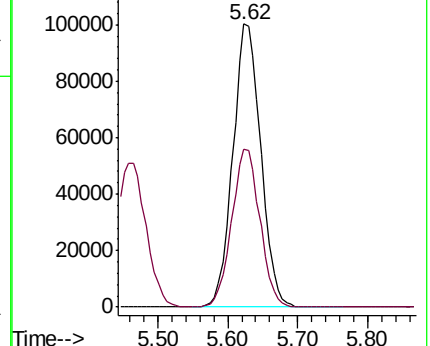
168 100

99 55.5 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: 50.565 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019795.D

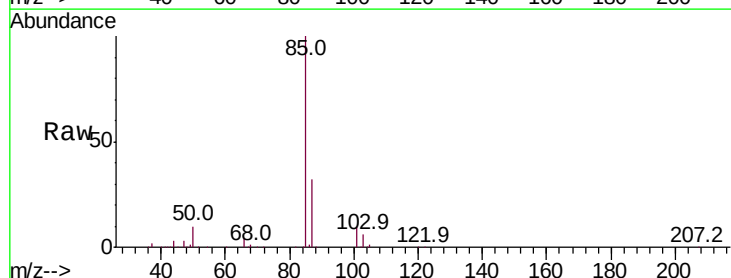
Acq: 09 Dec 2020 22:23

Tgt Ion: 85 Resp: 128561

Ion Ratio Lower Upper

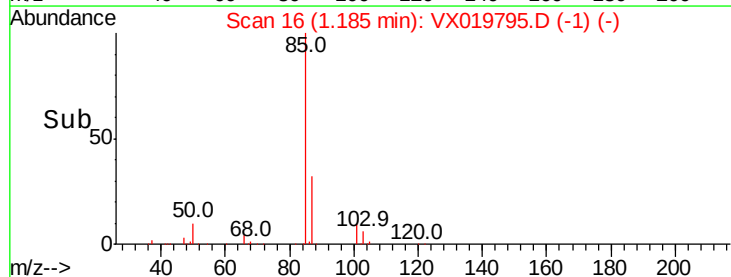
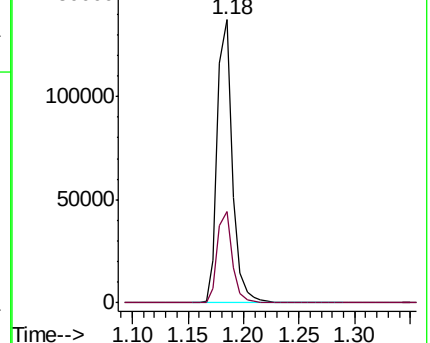
85 100

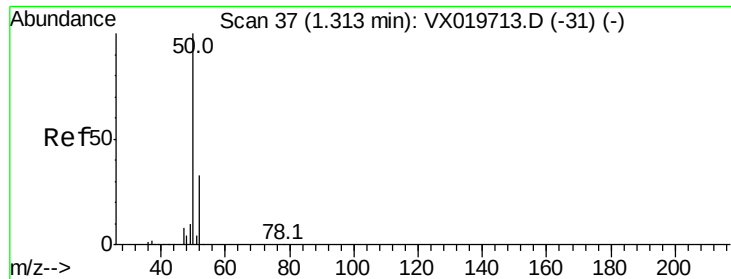
87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.018 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

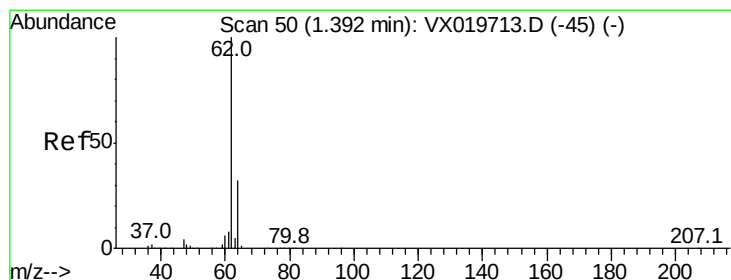
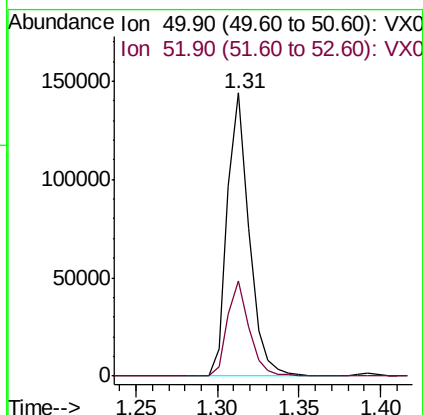
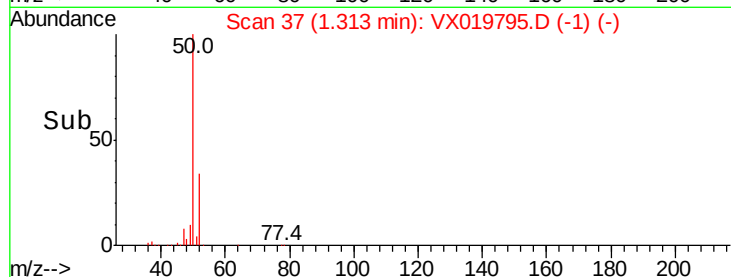
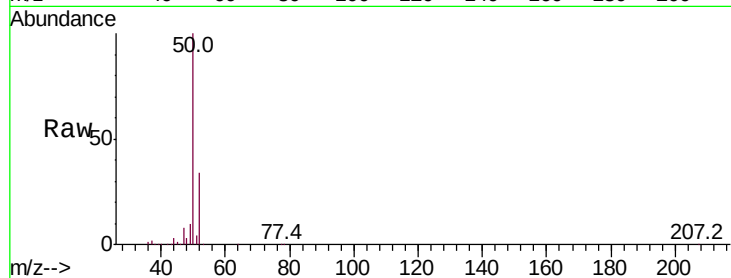
VSTDCCC050

Tot Ion: 50 Resp: 134609

Ion Ratio Lower Upper

50 100

52 33.7 26.4 39.6



#4

Vinyl Chloride

Concen: 51.415 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019795.D

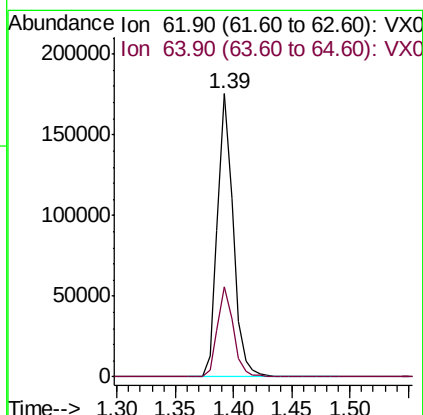
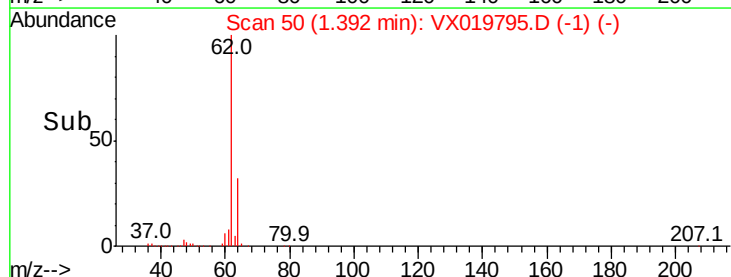
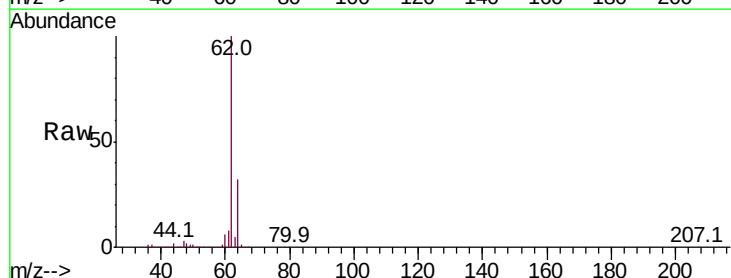
Acq: 09 Dec 2020 22:23

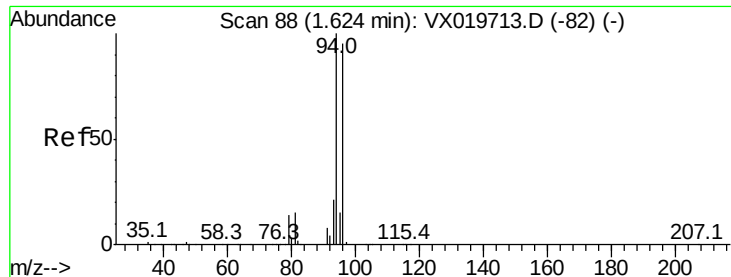
Tgt Ion: 62 Resp: 162102

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 46.045 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

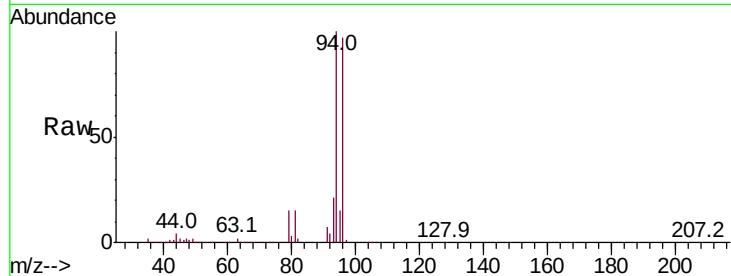
VSTDCCC050

Tot Ion: 94 Resp: 48203

Ion Ratio Lower Upper

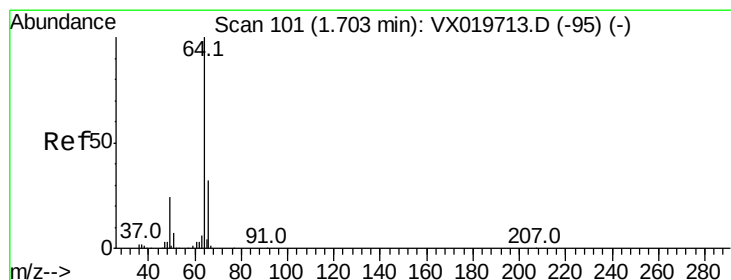
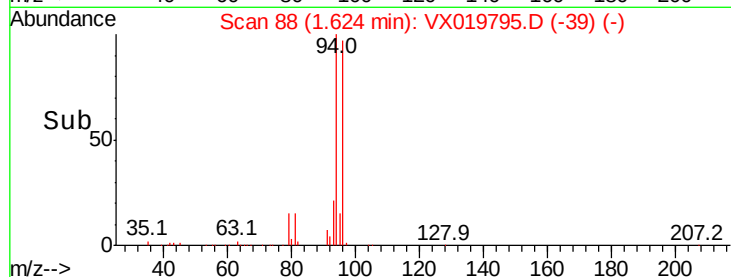
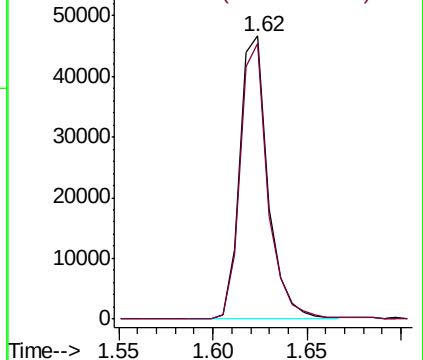
94 100

96 97.6 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: 54.549 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019795.D

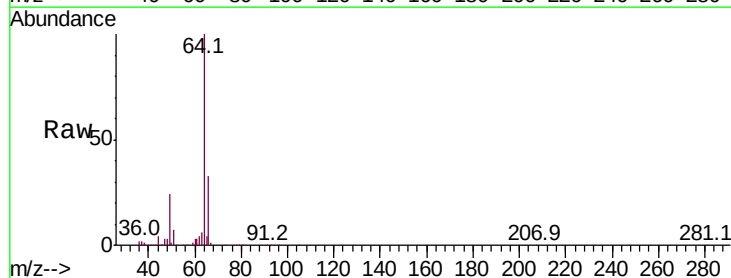
Acq: 09 Dec 2020 22:23

Tgt Ion: 64 Resp: 103312

Ion Ratio Lower Upper

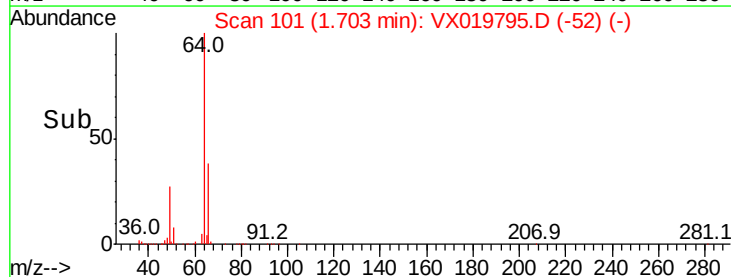
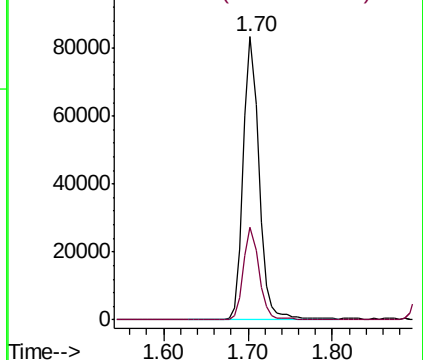
64 100

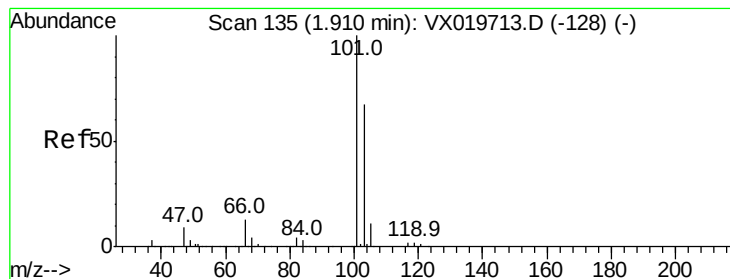
66 32.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



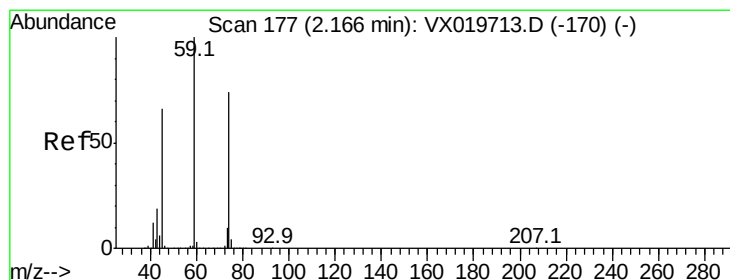
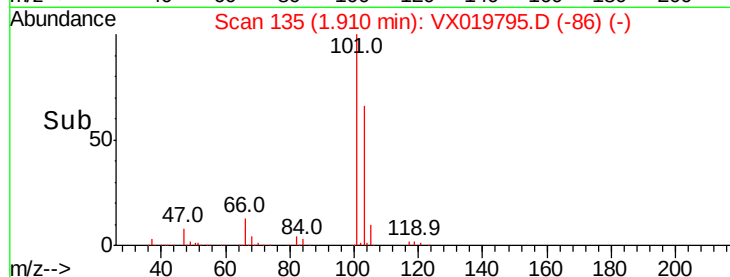
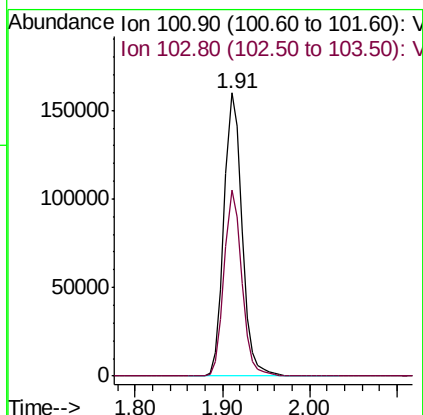
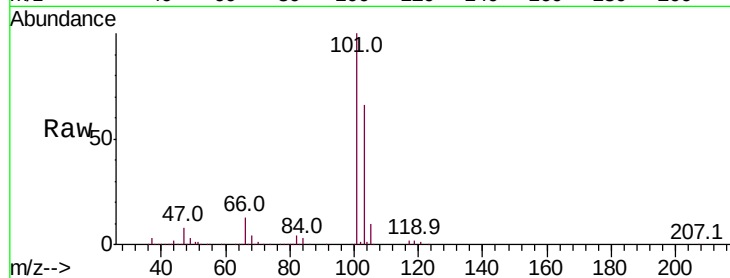


#7

Trichlorofluoromethane
 Concen: 51.982 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

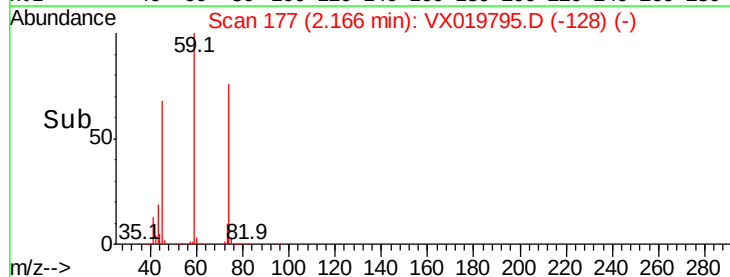
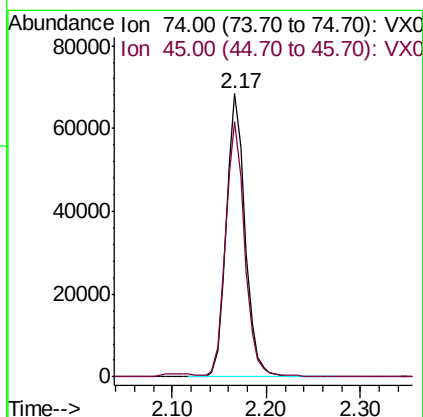
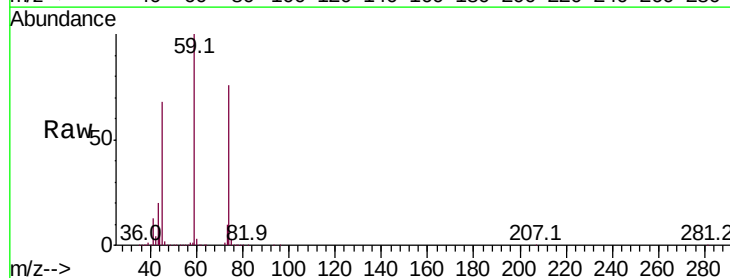
Tot Ion:101 Resp: 228241
 Ion Ratio Lower Upper
 101 100
 103 65.6 53.2 79.8

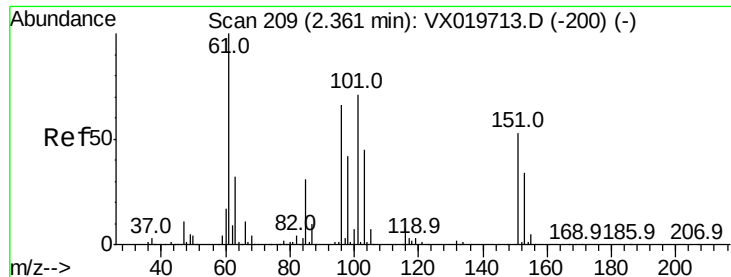


#8

Diethyl Ether
 Concen: 50.845 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion: 74 Resp: 94606
 Ion Ratio Lower Upper
 74 100
 45 90.5 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.267 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

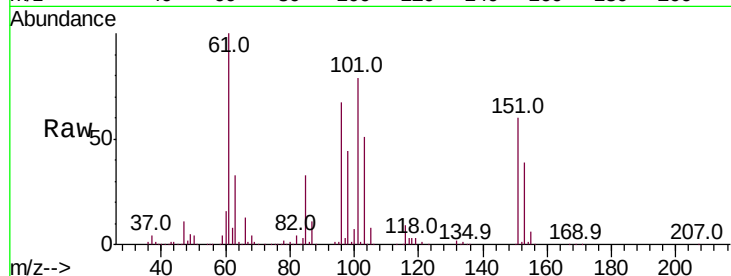
Tot Ion:101 Resp: 136576

Ion Ratio Lower Upper

101 100

85 42.1 34.9 52.3

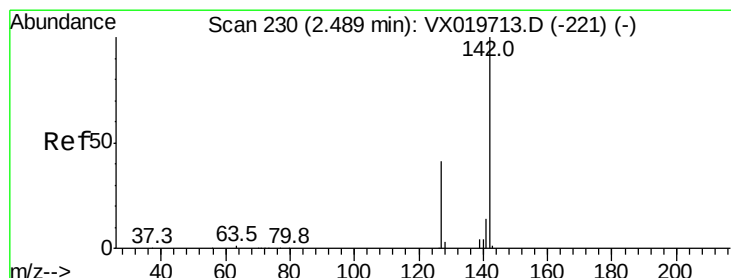
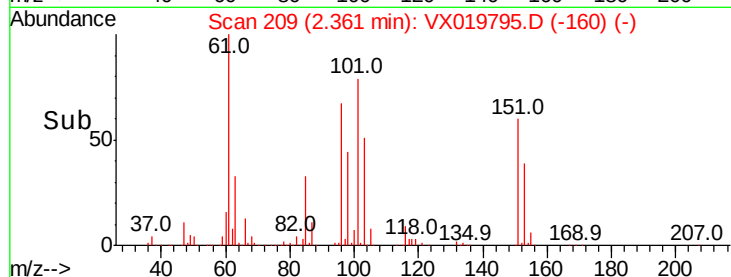
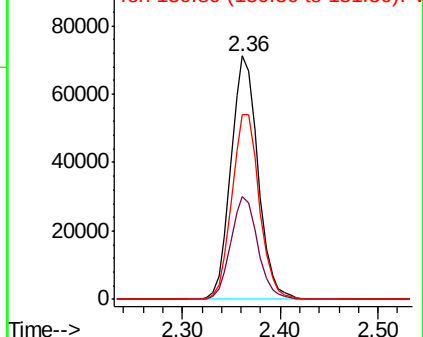
151 77.5 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.257 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

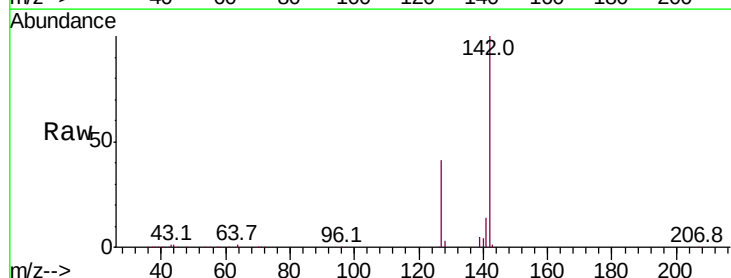
Tgt Ion:142 Resp: 160467

Ion Ratio Lower Upper

142 100

127 41.5 33.3 49.9

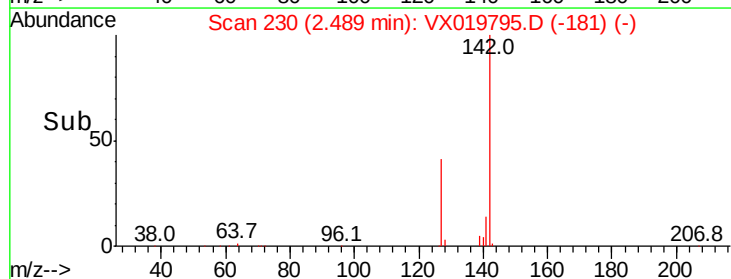
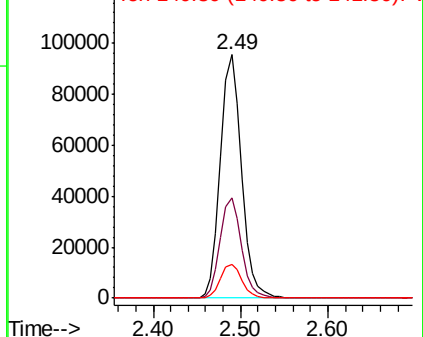
141 14.1 11.4 17.0

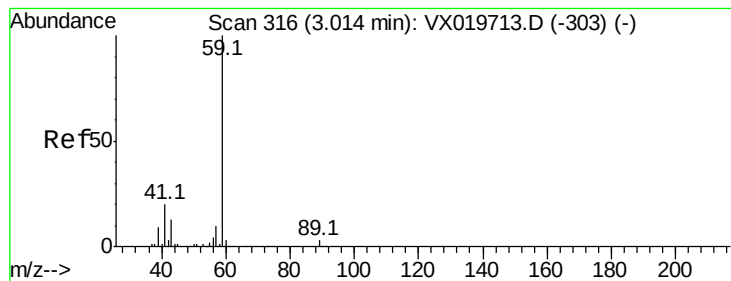


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



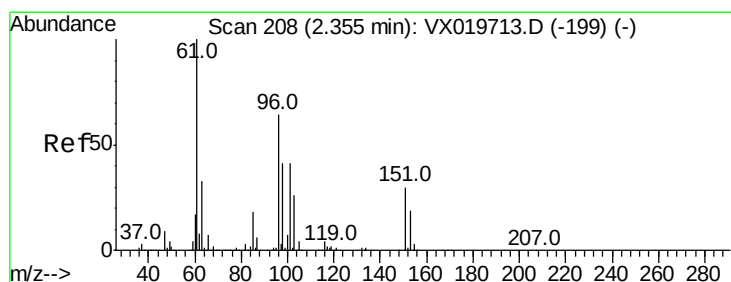
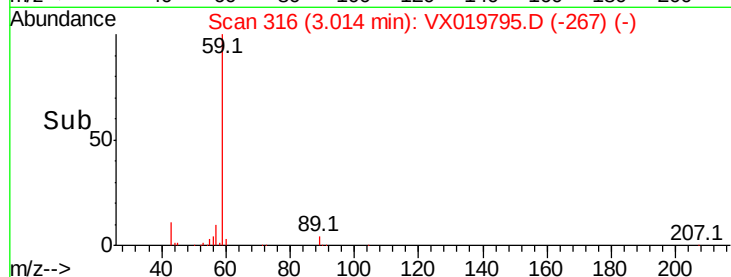
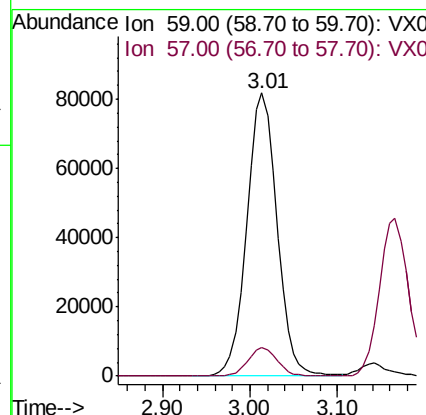
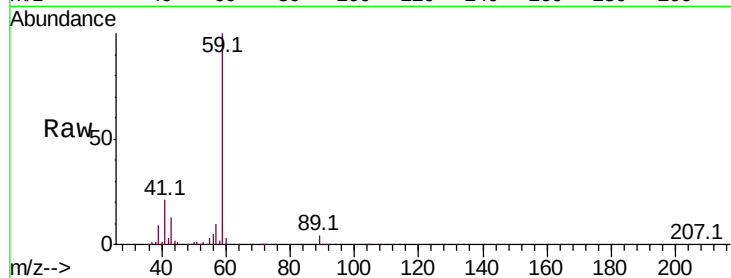


#11

Tert butyl alcohol
Concen: 262.641 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

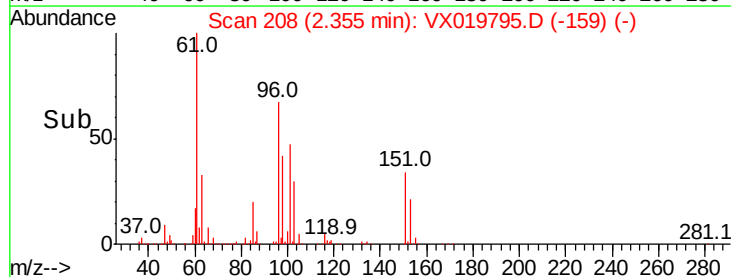
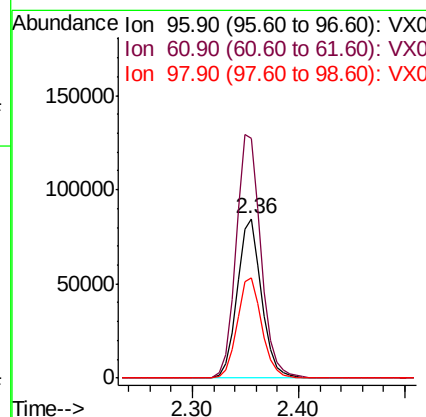
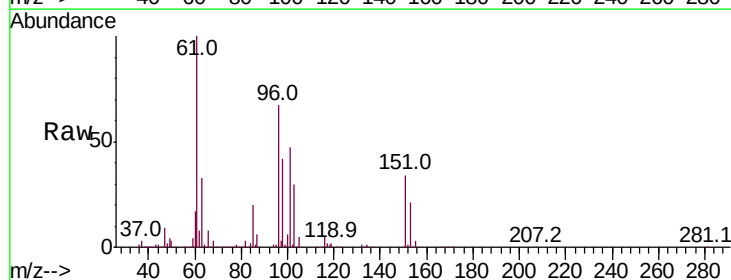
Tot Ion: 59 Resp: 196974
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8

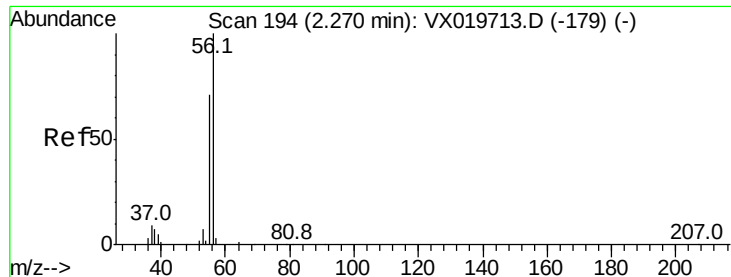


#12

1,1-Dichloroethene
Concen: 53.420 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 96 Resp: 135919
Ion Ratio Lower Upper
96 100
61 150.1 124.6 187.0
98 62.9 50.6 76.0





#13

Acrolein

Concen: 191.127 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

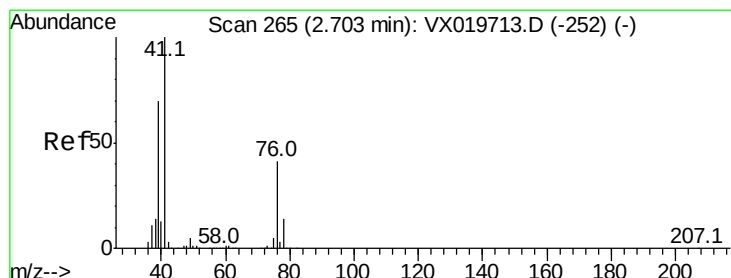
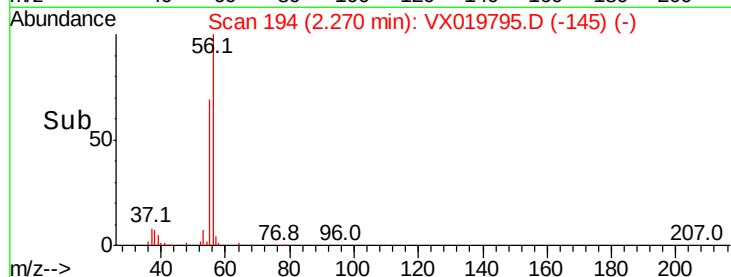
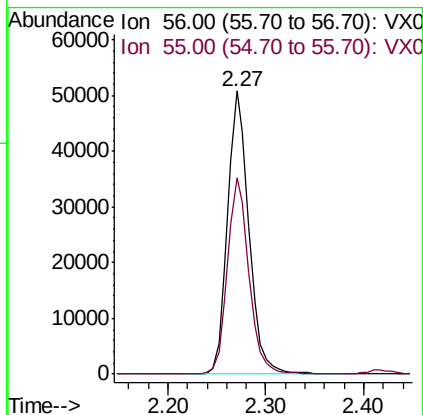
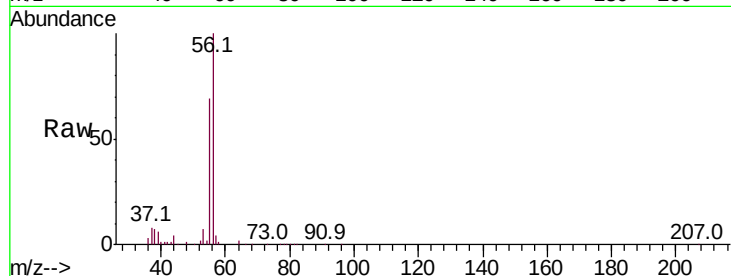
VSTDCCC050

Tot Ion: 56 Resp: 77000

Ion Ratio Lower Upper

56 100

55 69.1 56.4 84.6



#14

Allyl chloride

Concen: 50.667 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

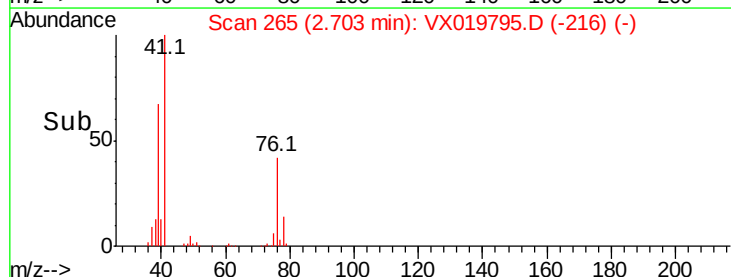
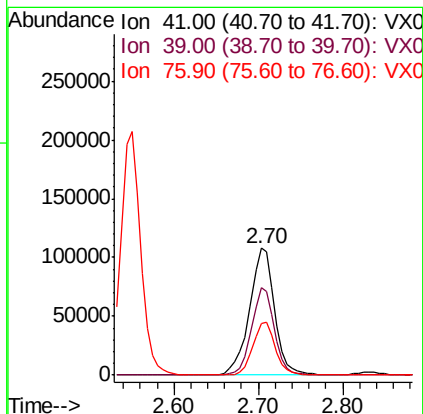
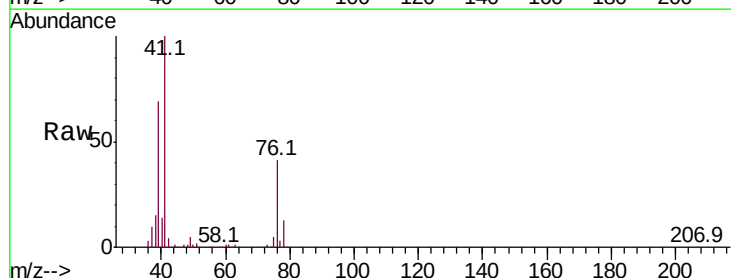
Tgt Ion: 41 Resp: 217726

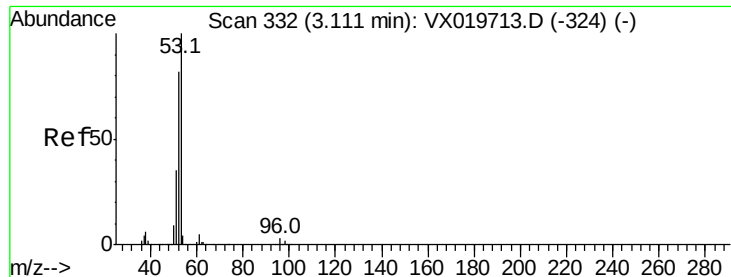
Ion Ratio Lower Upper

41 100

39 62.8 51.6 77.4

76 37.4 30.5 45.7





#15

Acrylonitrile

Concen: 267.270 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

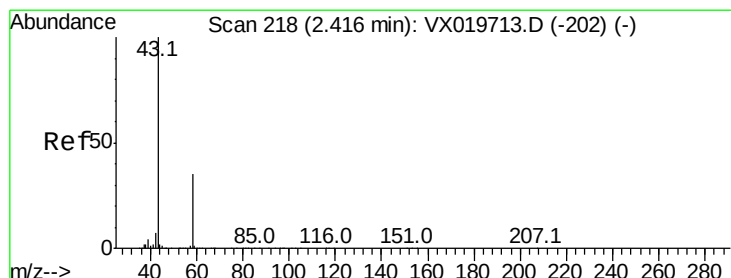
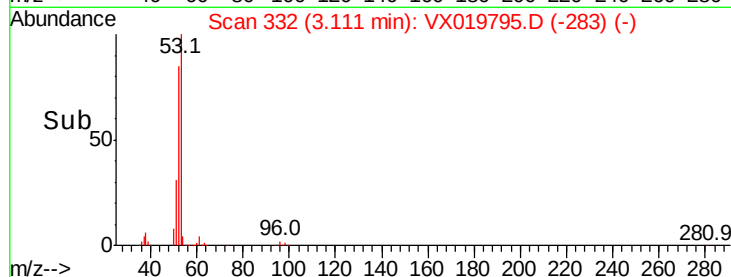
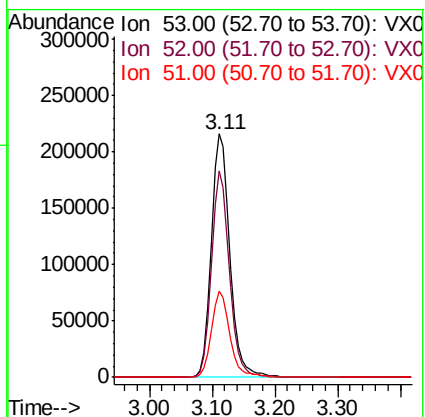
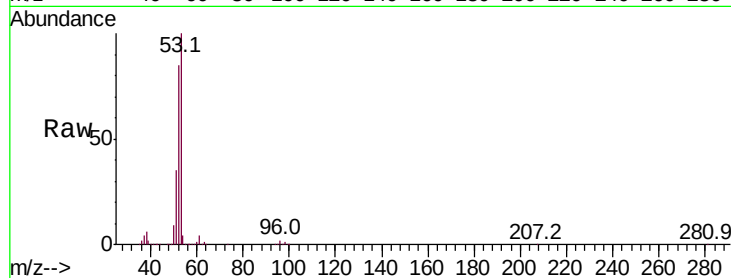
Tot Ion: 53 Resp: 440995

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

51 35.5 28.2 42.2



#16

Acetone

Concen: 253.812 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019795.D

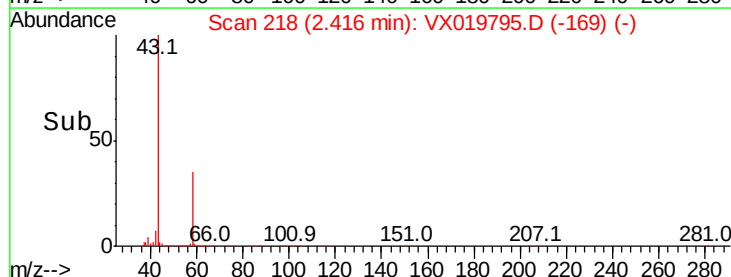
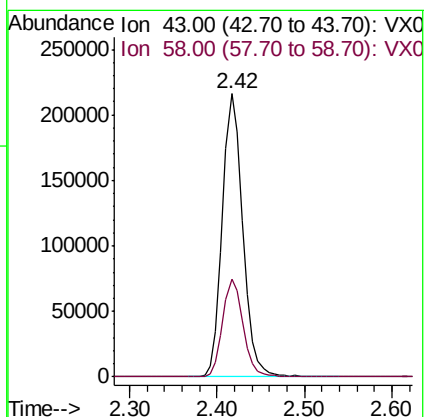
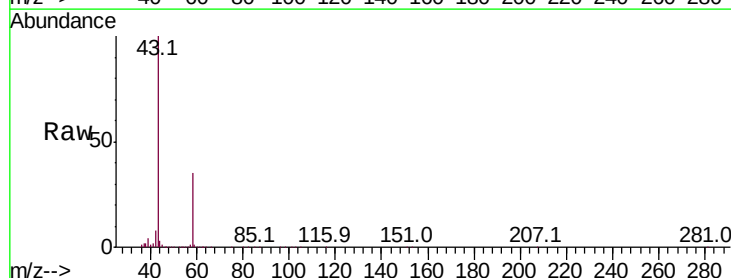
Acq: 09 Dec 2020 22:23

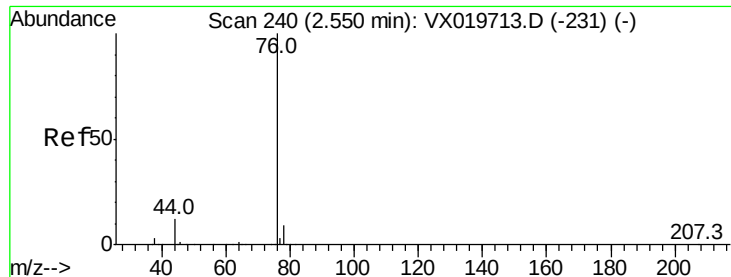
Tgt Ion: 43 Resp: 348201

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.8

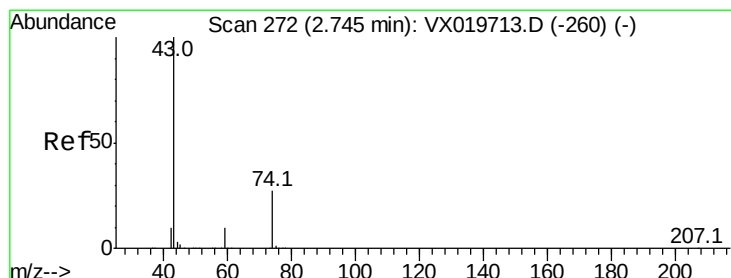
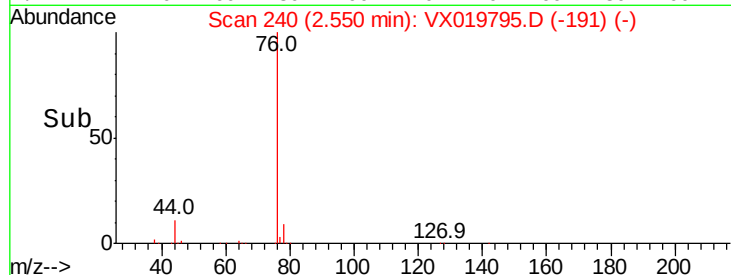
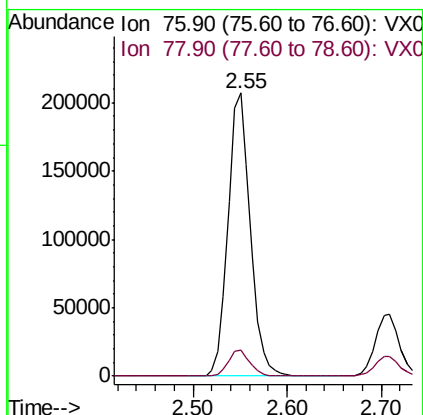
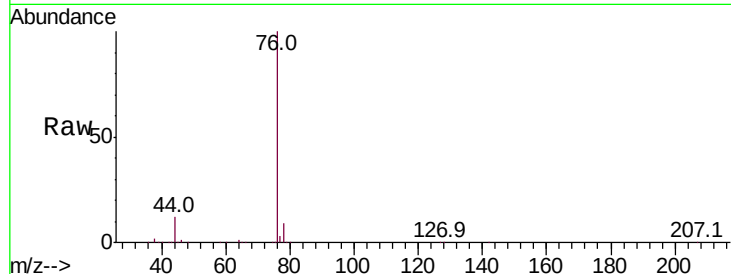




#17
Carbon Disulfide
Concen: 46.496 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

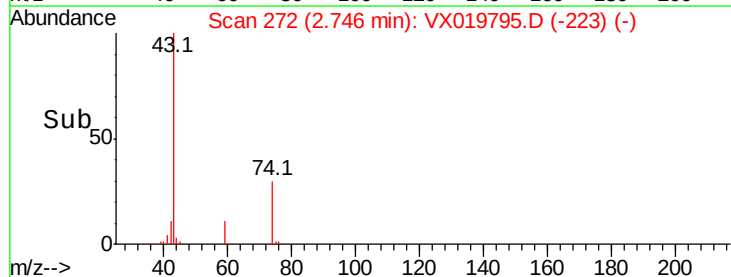
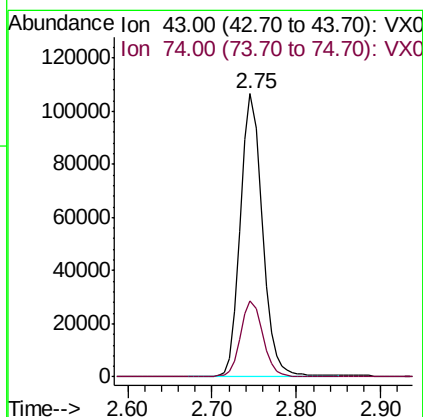
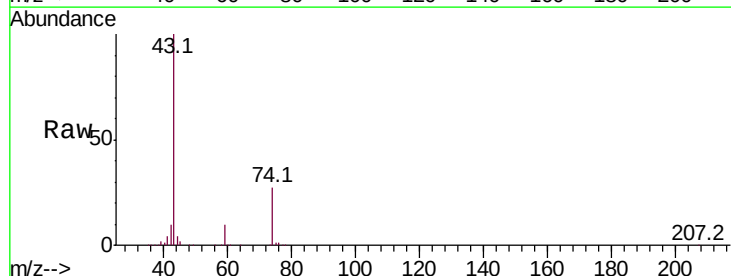
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

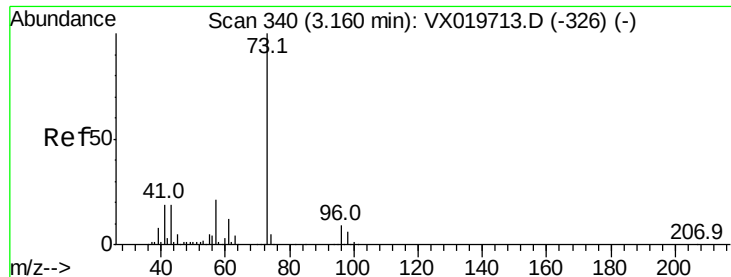
Tot Ion: 76 Resp: 339453
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 55.706 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 43 Resp: 187013
Ion Ratio Lower Upper
43 100
74 27.7 21.9 32.9



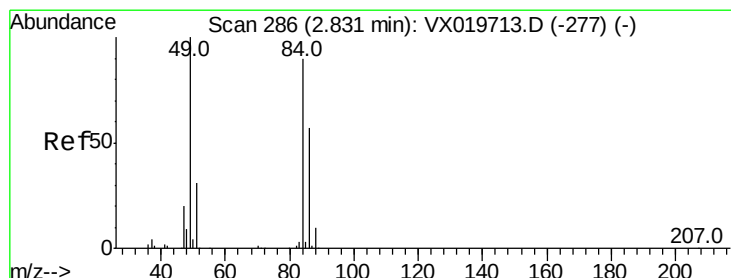
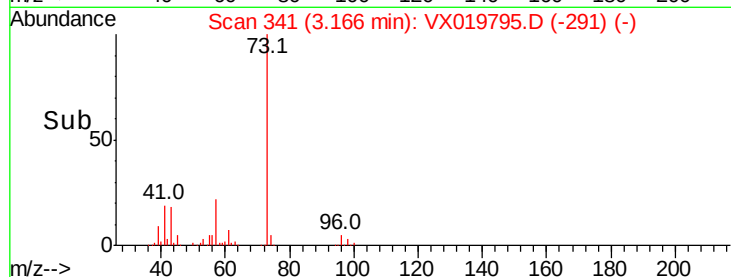
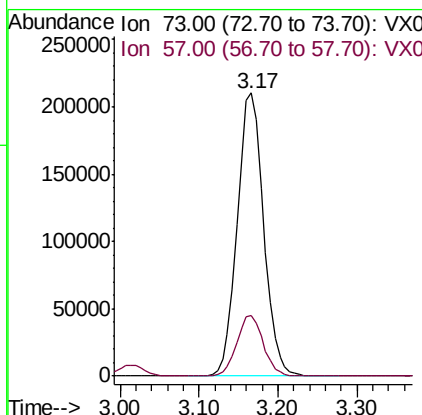
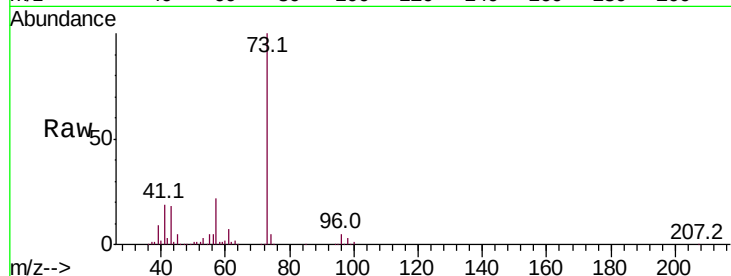


#19

Methyl tert-butyl Ether
 Concen: 52.895 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

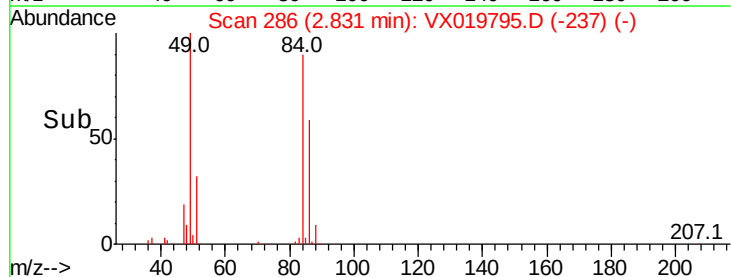
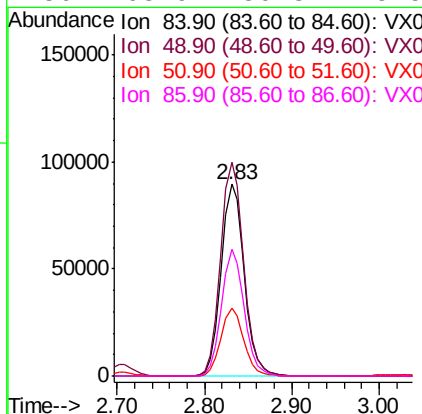
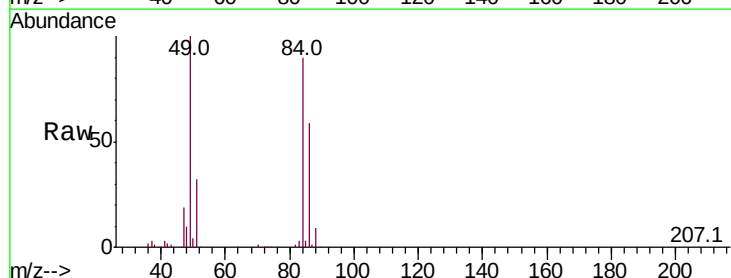
Tot Ion: 73 Resp: 490132
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.1 25.7

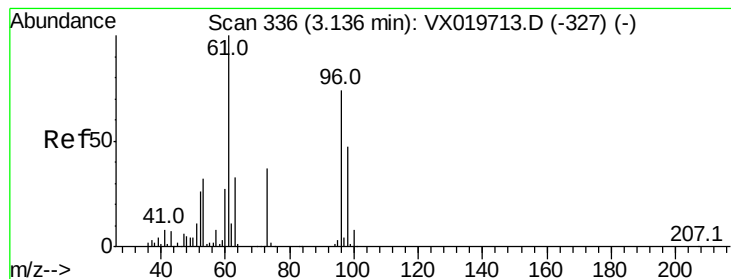


#20

Methylene Chloride
 Concen: 52.372 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion: 84 Resp: 163815
 Ion Ratio Lower Upper
 84 100
 49 111.4 88.6 132.8
 51 35.3 27.0 40.6
 86 65.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 51.093 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

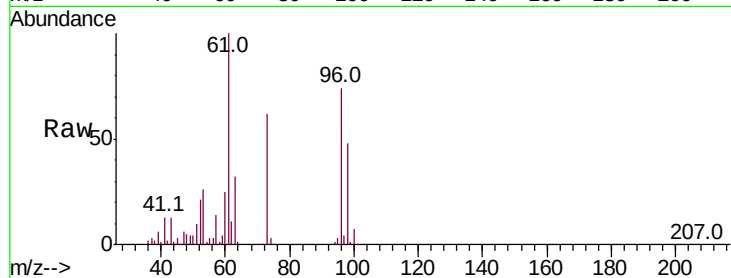
Tot Ion: 96 Resp: 151559

Ion Ratio Lower Upper

96 100

61 134.6 107.7 161.5

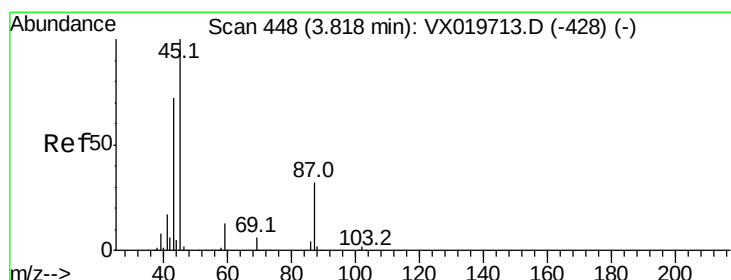
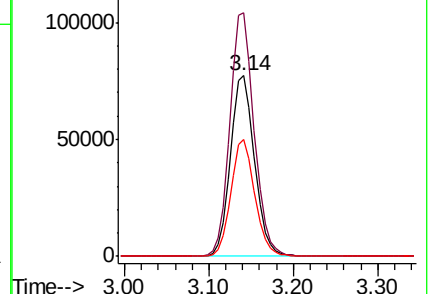
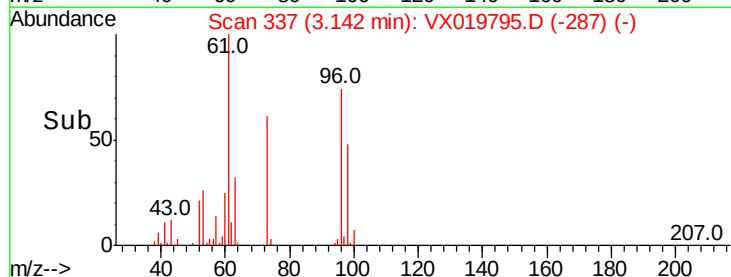
98 64.6 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.673 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Tgt Ion: 45 Resp: 466326

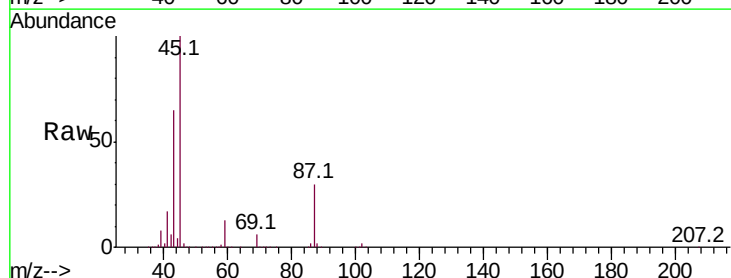
Ion Ratio Lower Upper

45 100

43 65.0 58.0 87.0

87 30.0 25.4 38.0

59 12.8 10.2 15.2

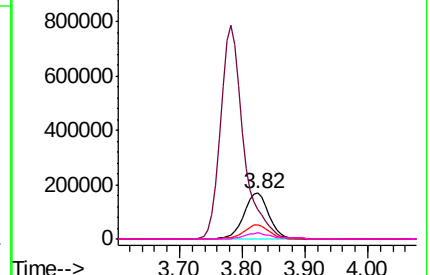
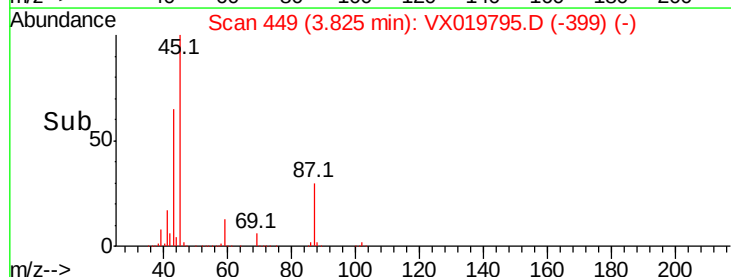


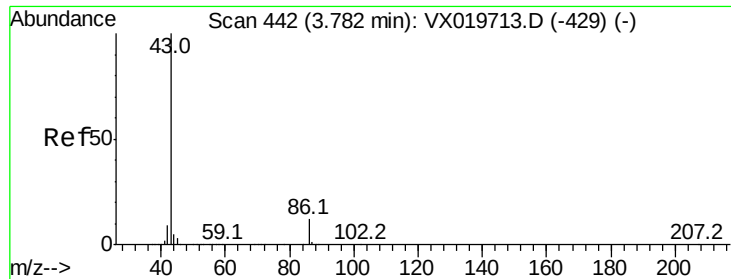
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 268.424 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

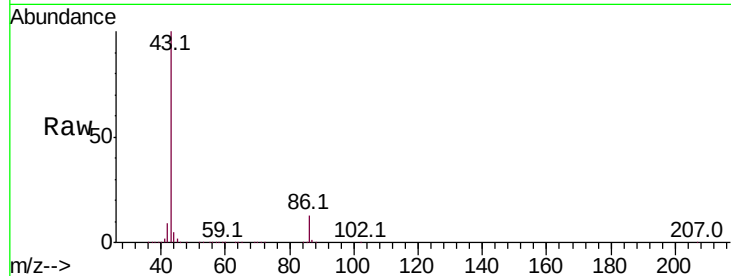
VSTDCCC050

Tot Ion: 43 Resp: 1986891

Ion Ratio Lower Upper

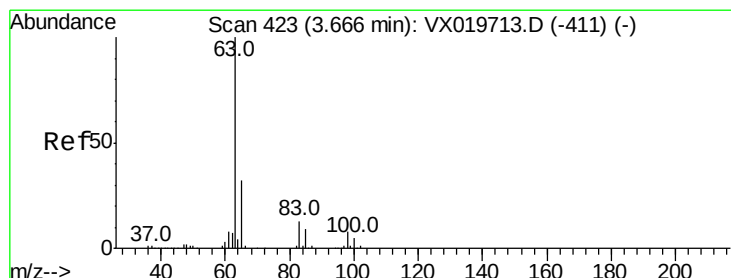
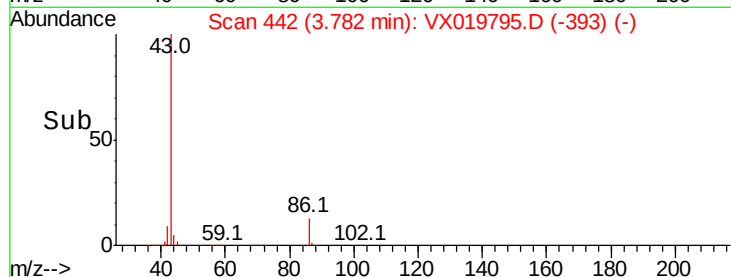
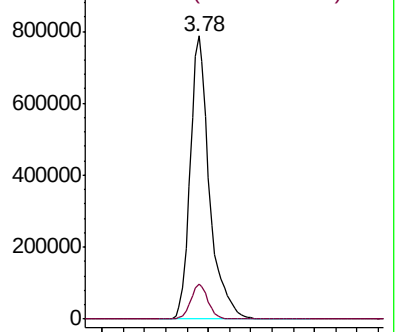
43 100

86 12.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.232 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

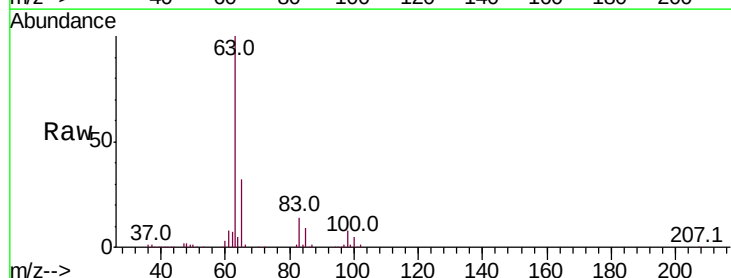
Tgt Ion: 63 Resp: 273660

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

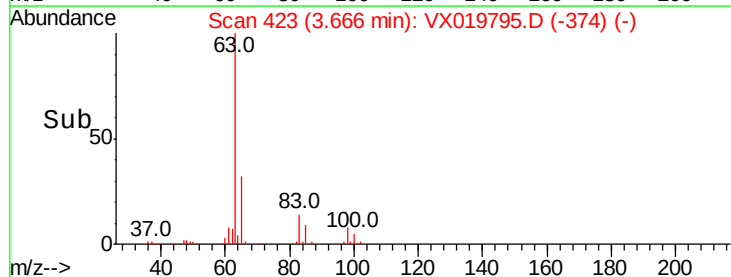
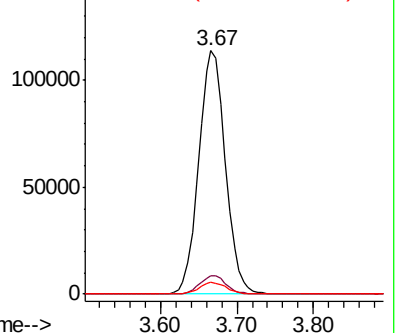
100 4.9 2.5 7.5

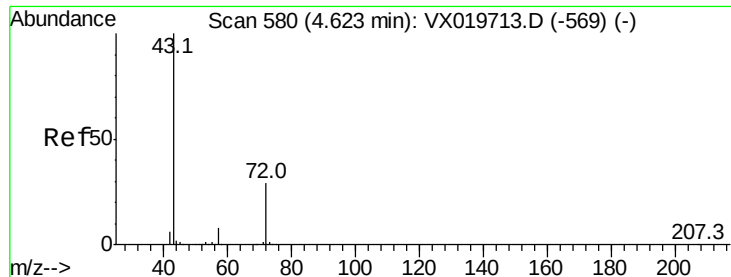


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 266.779 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

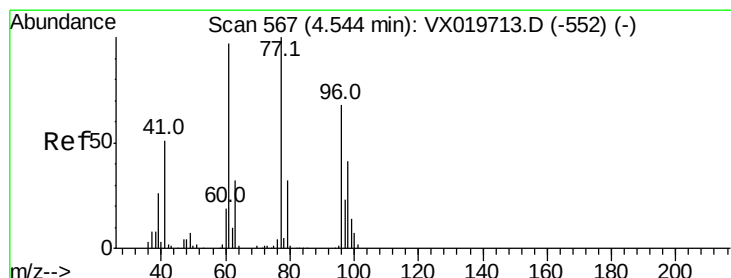
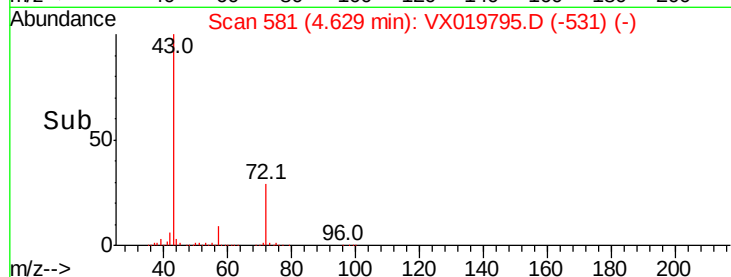
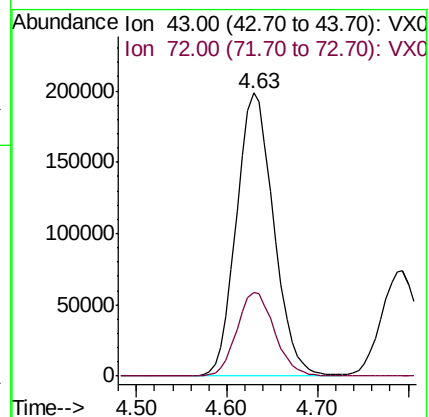
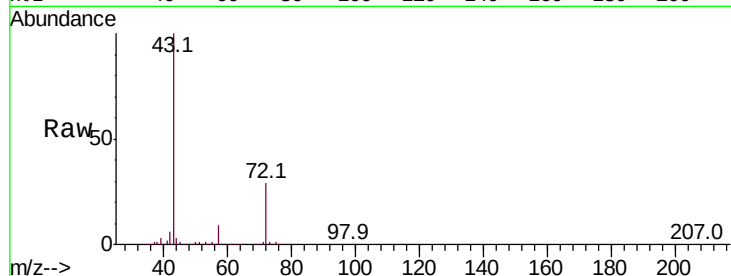
VSTDCCC050

Tot Ion: 43 Resp: 562381

Ion Ratio Lower Upper

43 100

72 29.4 23.7 35.5



#26

2,2-Dichloropropane

Concen: 46.128 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019795.D

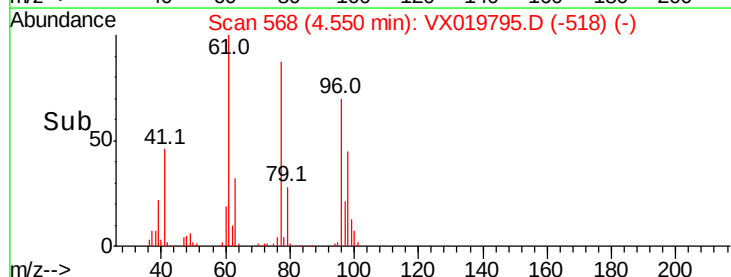
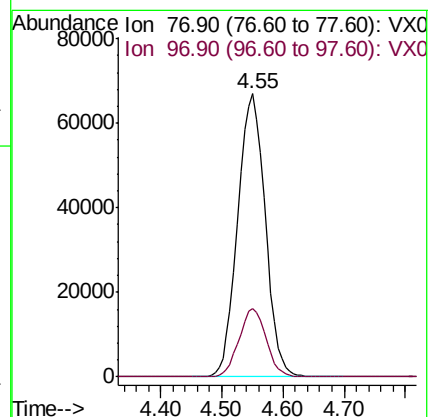
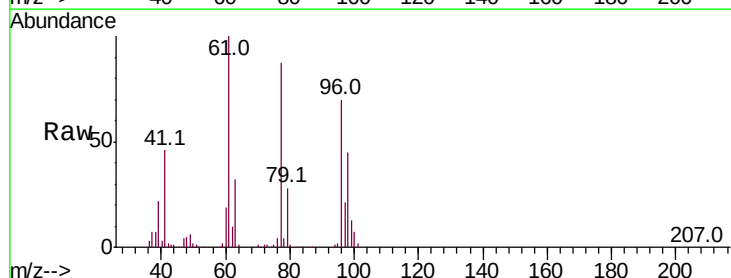
Acq: 09 Dec 2020 22:23

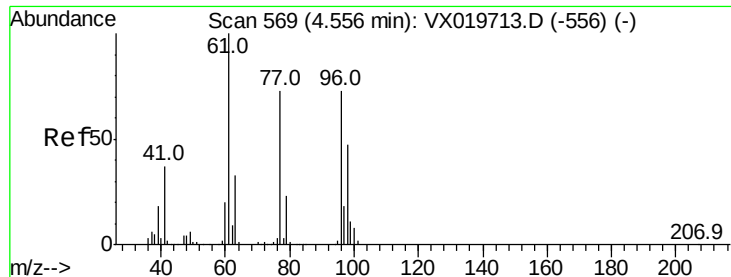
Tgt Ion: 77 Resp: 208128

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1



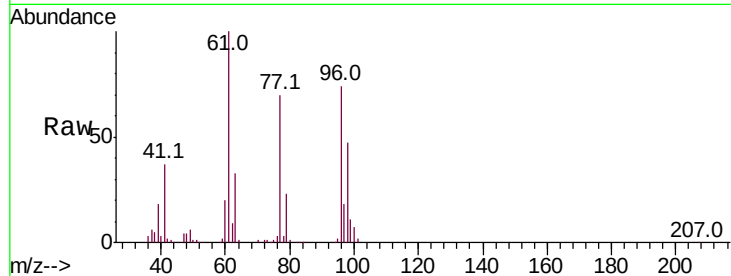


#27

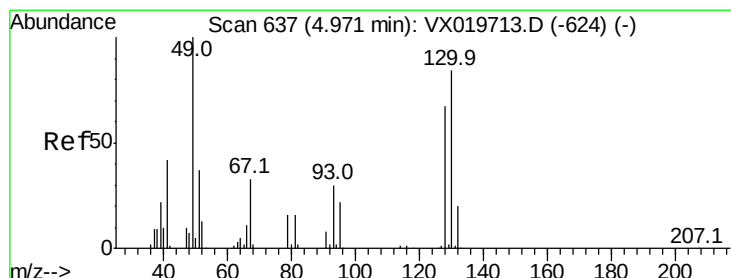
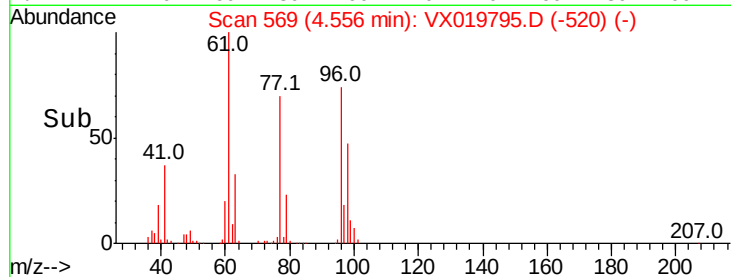
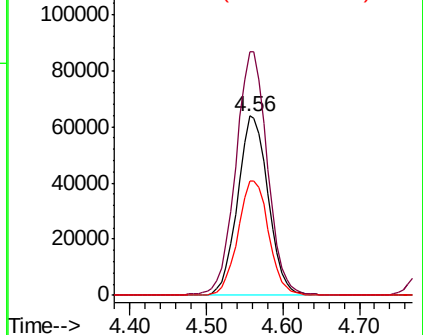
cis-1,2-Dichloroethene
Concen: 51.235 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	96	Resp	177858
Ion Ratio	Lower	Upper	
96	100		
61	140.6	0.0	285.6
98	64.3	0.0	129.6



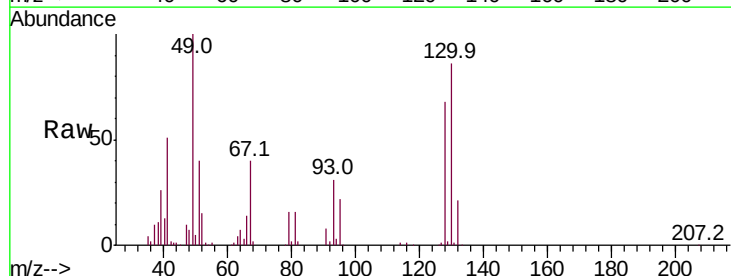
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



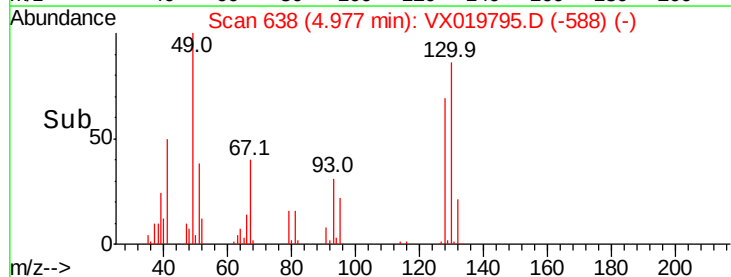
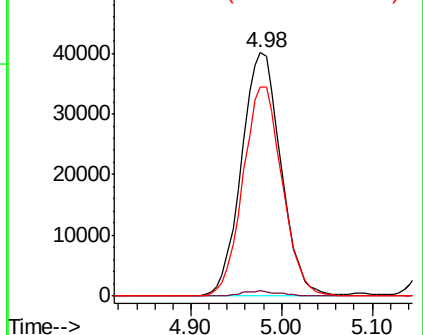
#28

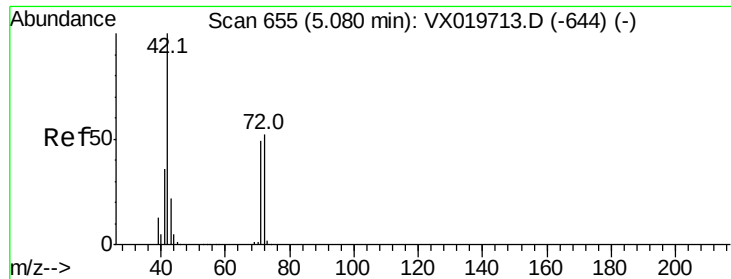
Bromochloromethane
Concen: 48.422 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	49	Resp	120940
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	4.0
130	85.7	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

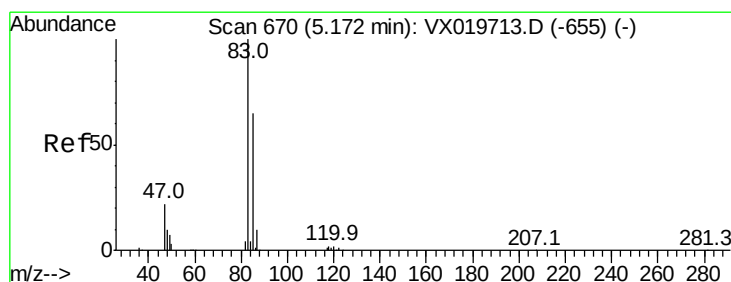
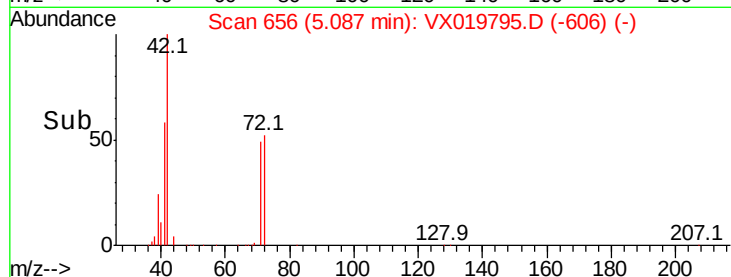
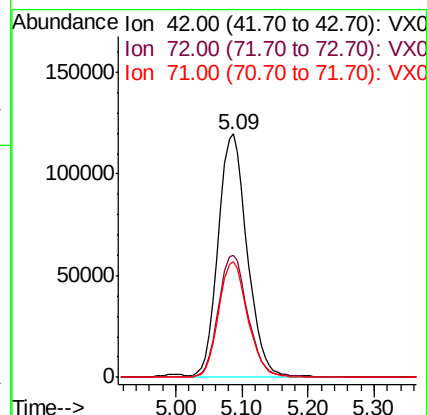
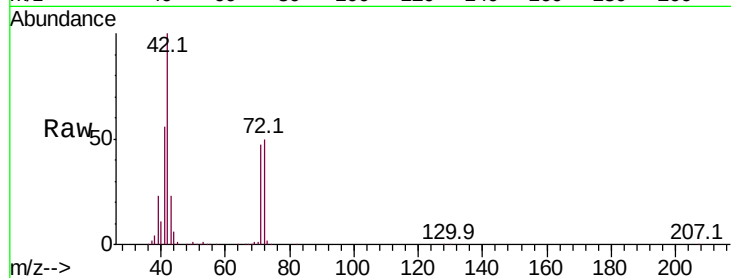




#29
Tetrahydrofuran
Concen: 267.330 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

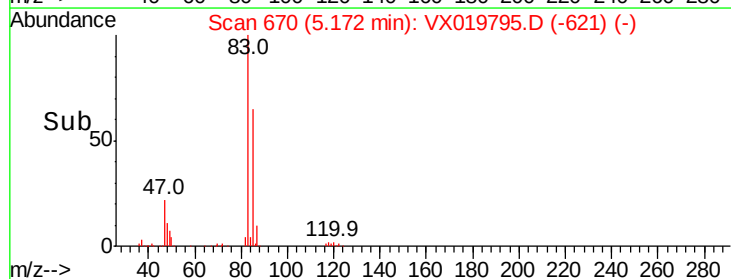
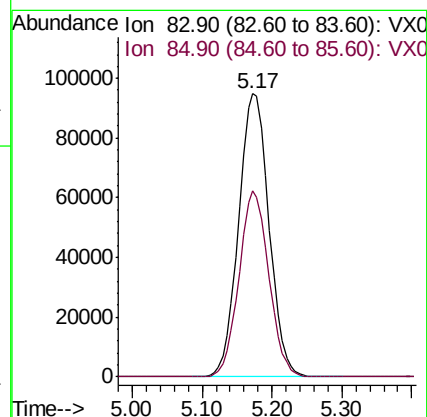
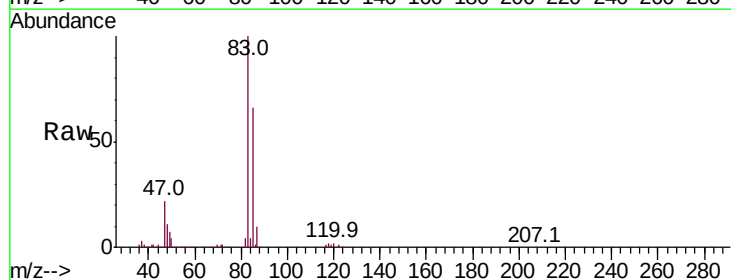
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

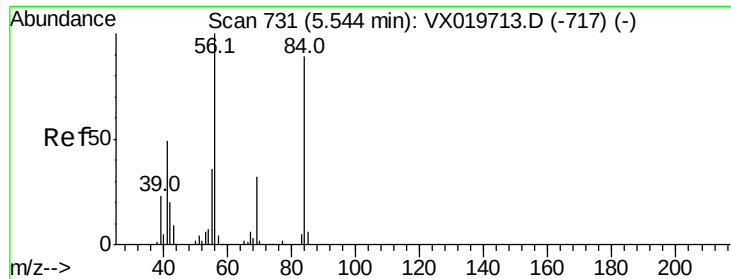
Tot Ion: 42 Resp: 363083
Ion Ratio Lower Upper
42 100
72 51.4 41.7 62.5
71 47.9 38.4 57.6



#30
Chloroform
Concen: 53.155 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 83 Resp: 286356
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0

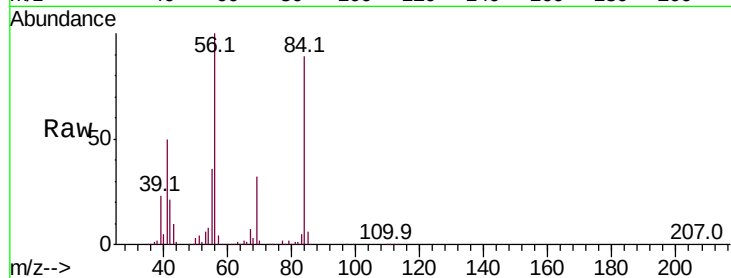




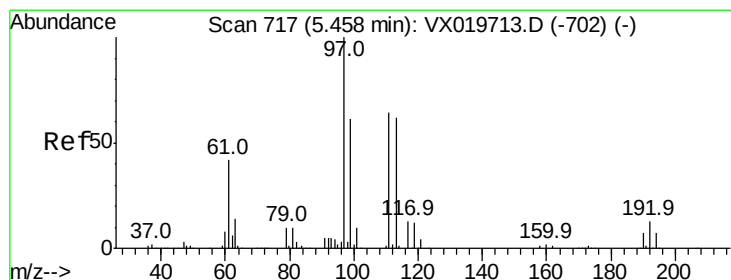
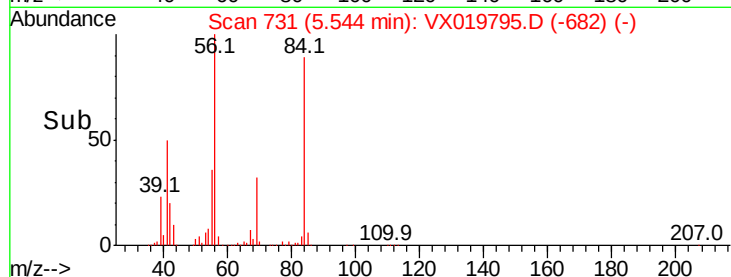
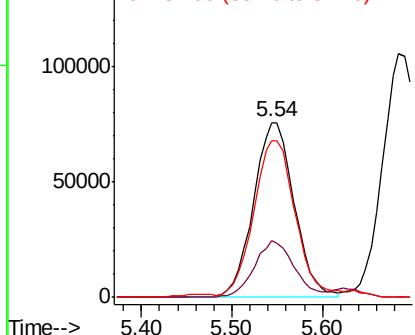
#31
Cyclohexane
Concen: 51.823 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 235284
Ion Ratio Lower Upper
56 100
69 32.1 25.3 37.9
84 87.6 71.4 107.0

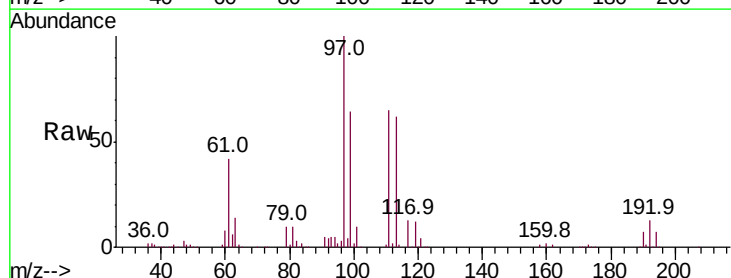


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

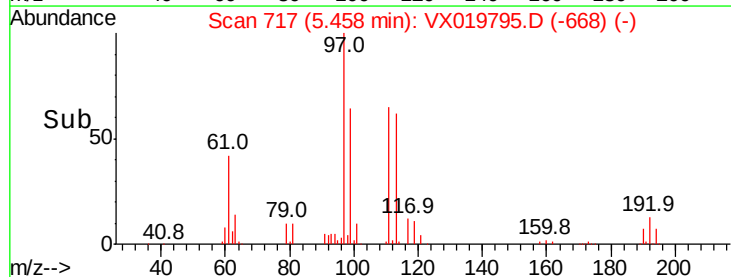
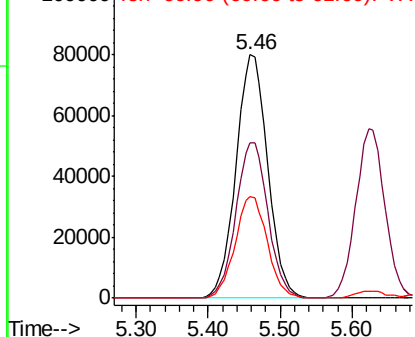


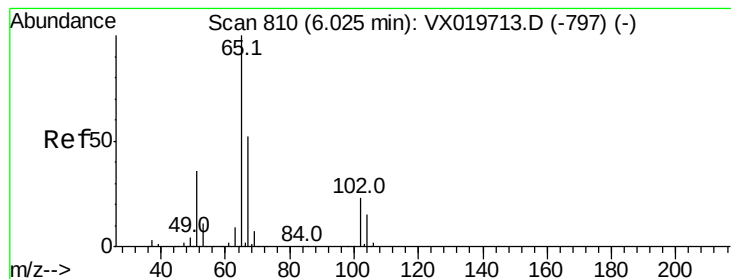
#32
1,1,1-Trichloroethane
Concen: 52.686 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 97 Resp: 244430
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 42.3 34.2 51.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.304 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

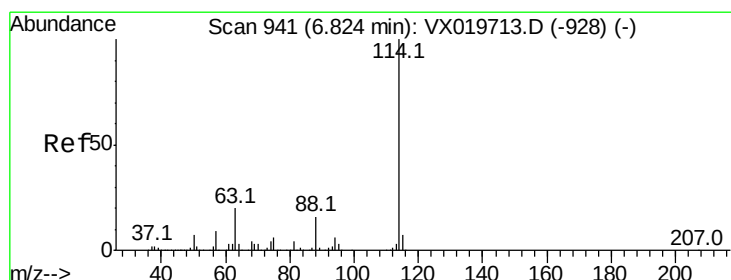
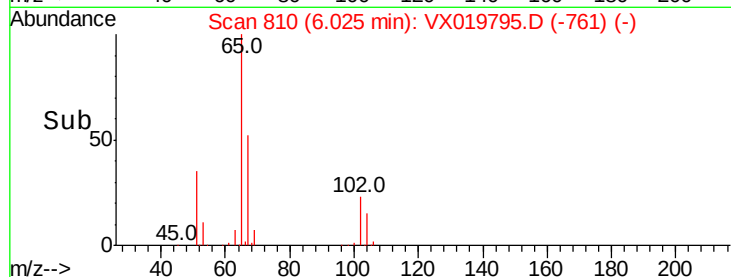
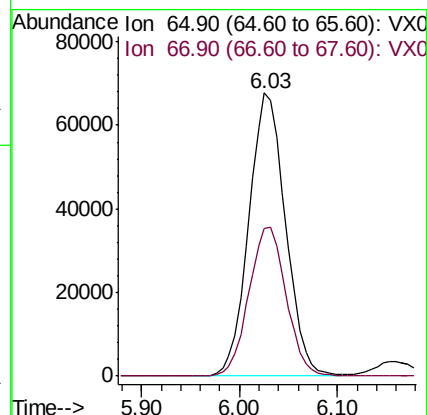
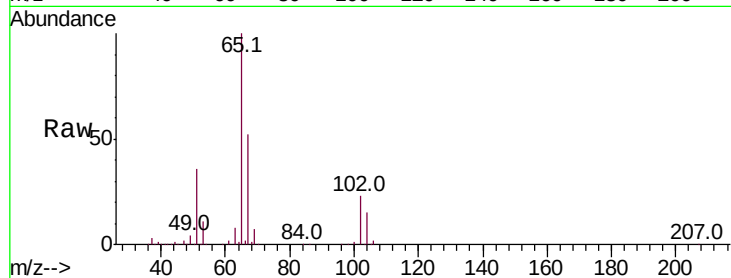
VSTDCCC050

Tot Ion: 65 Resp: 176303

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

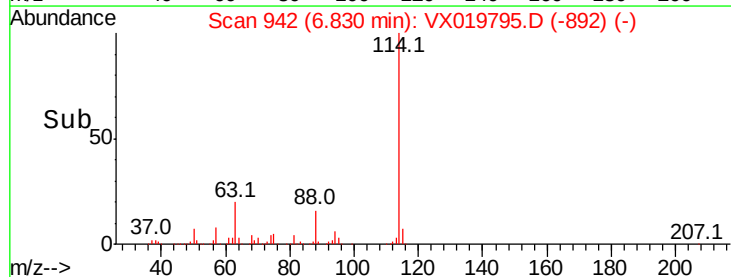
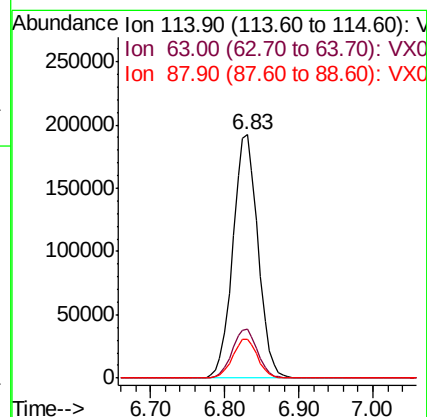
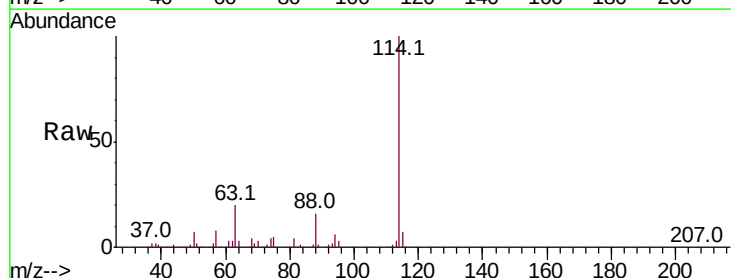
Tgt Ion: 114 Resp: 453841

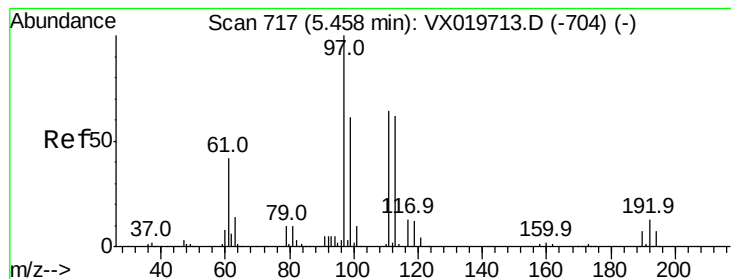
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.690 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

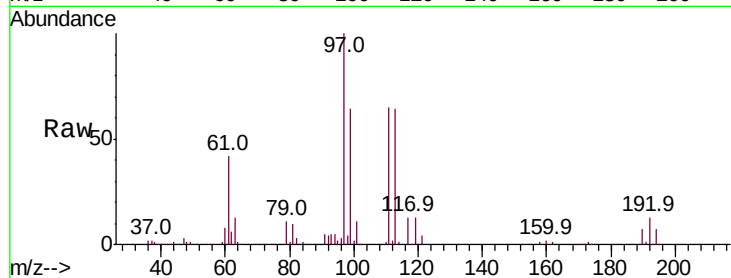
Tot Ion:113 Resp: 145747

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

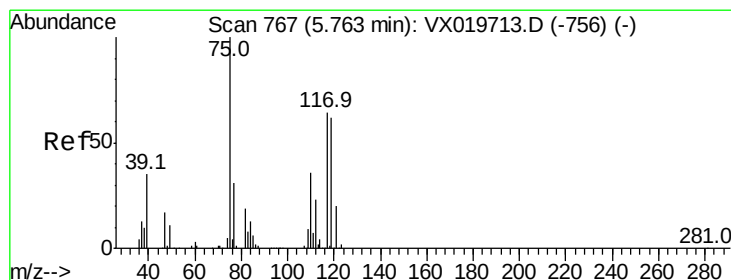
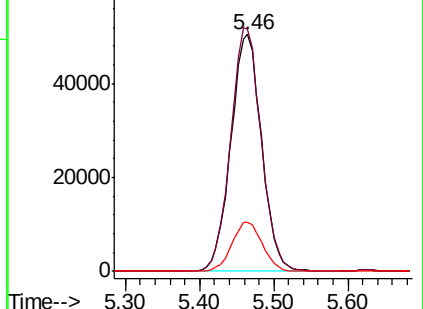
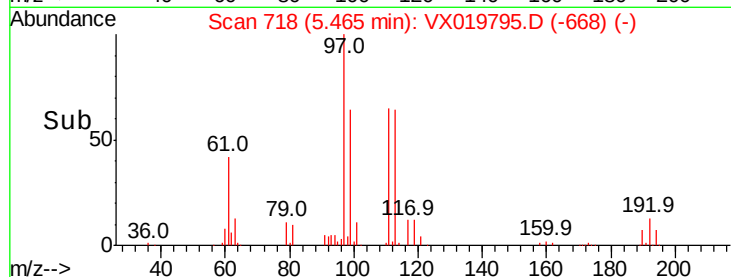
192 20.7 16.7 25.1



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: 50.255 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

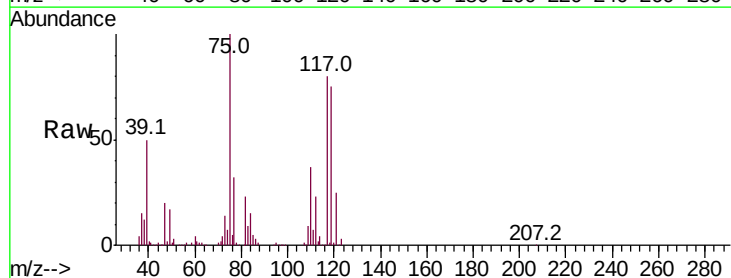
Tgt Ion: 75 Resp: 206100

Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.4

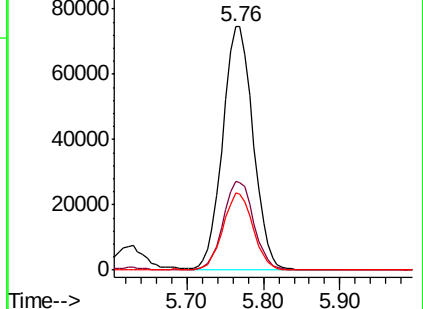
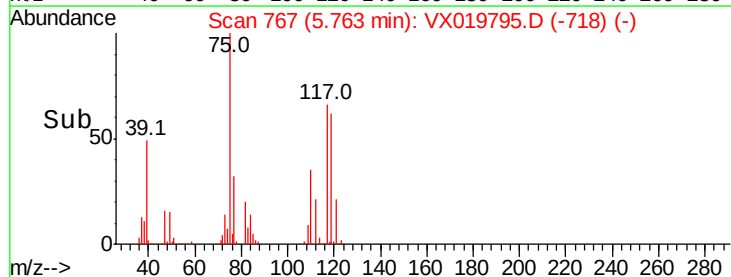
77 31.2 25.3 37.9

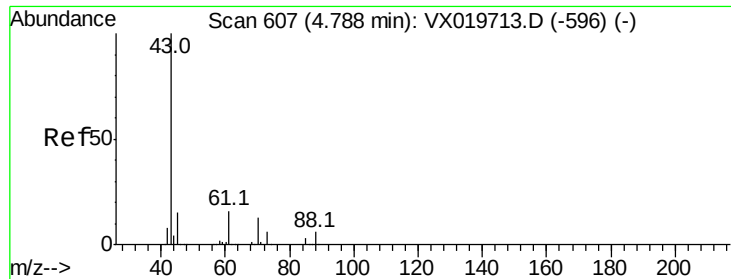


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

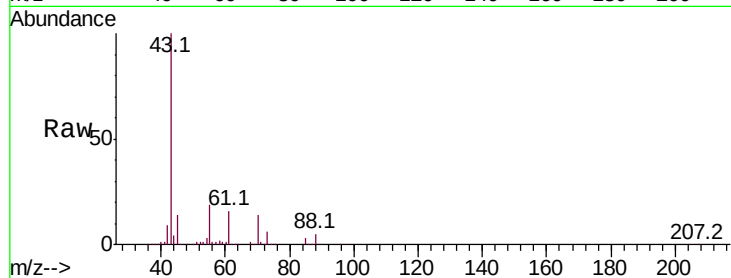




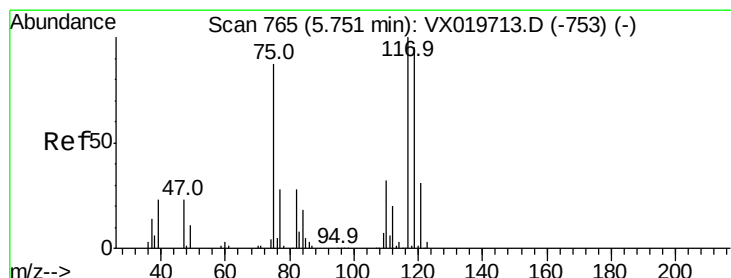
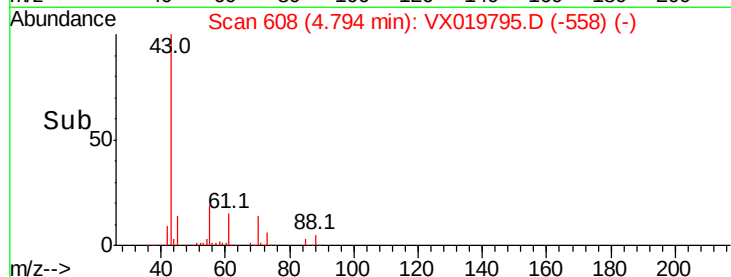
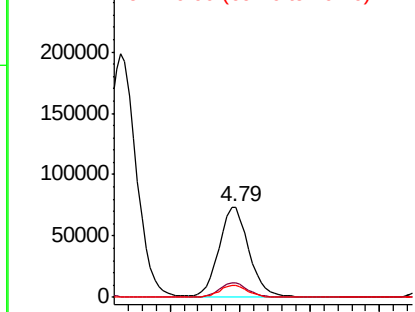
#37
Ethyl Acetate
Concen: 52.313 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 216613
Ion Ratio Lower Upper
43 100
61 15.8 12.8 19.2
70 13.0 10.5 15.7

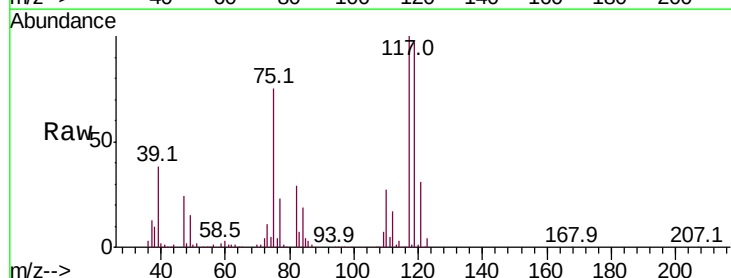


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

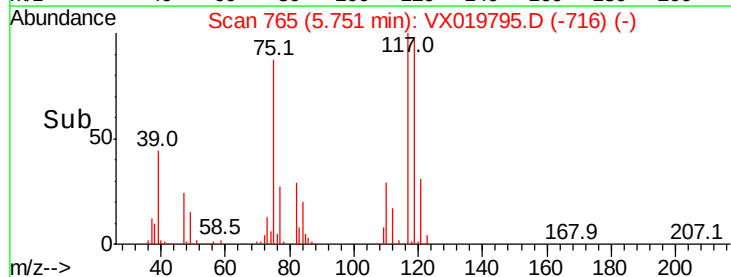
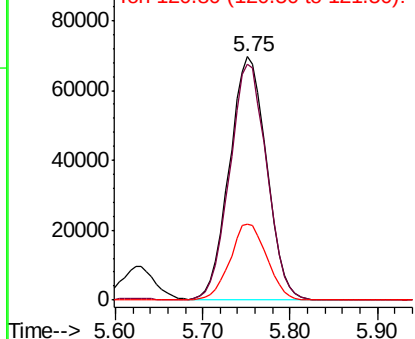


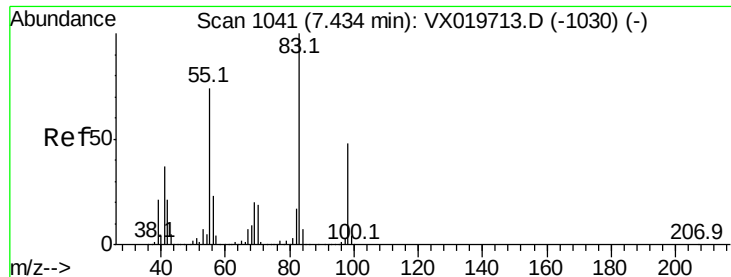
#38
Carbon Tetrachloride
Concen: 51.315 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 117 Resp: 206080
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.2
121 31.0 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

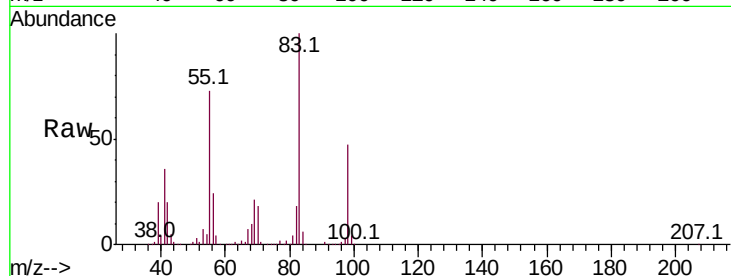




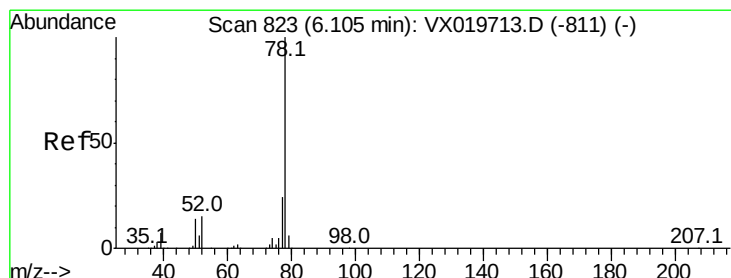
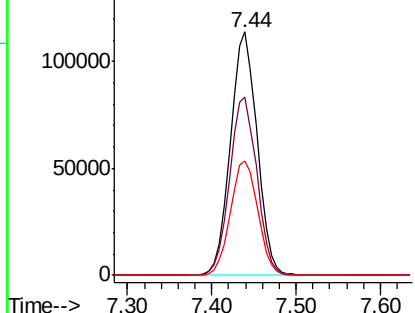
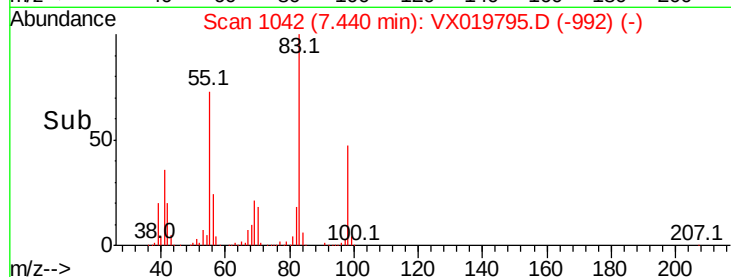
#39
Methylvlcyclohexane
Concen: 50.617 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	58.9	88.3
98	47.2	38.1	57.1

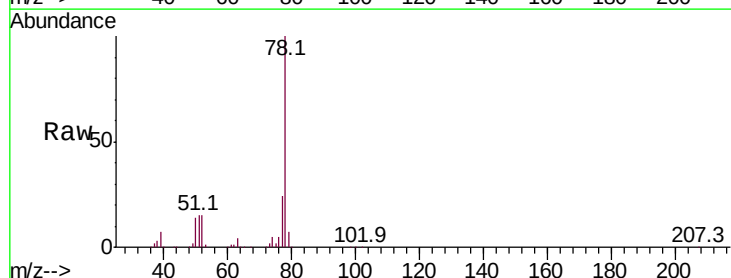


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

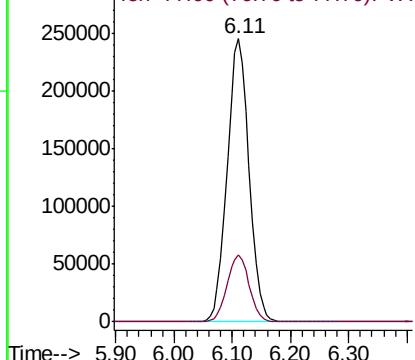
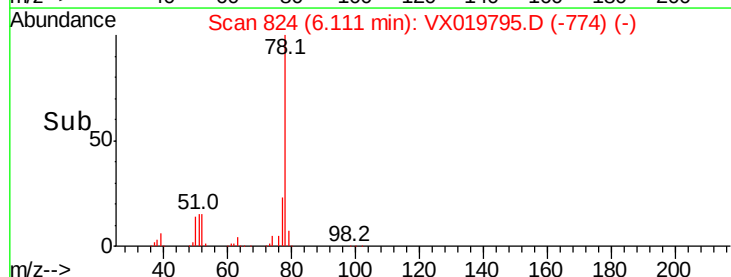


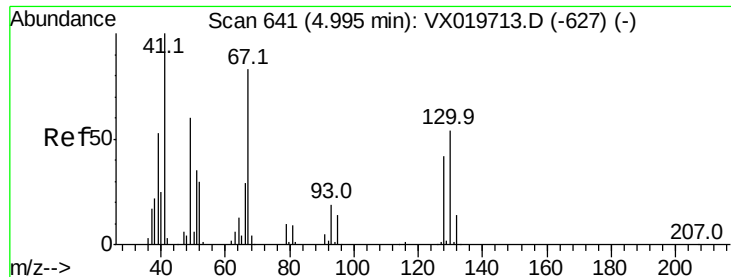
#40
Benzene
Concen: 51.207 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.9	28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

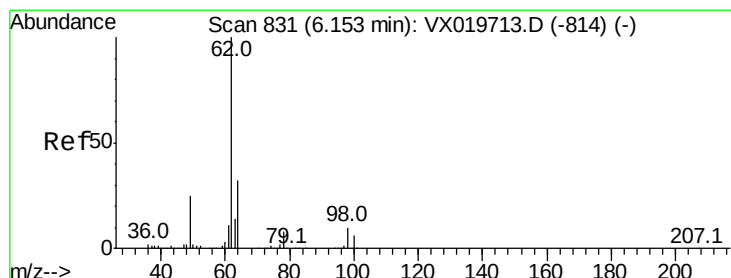
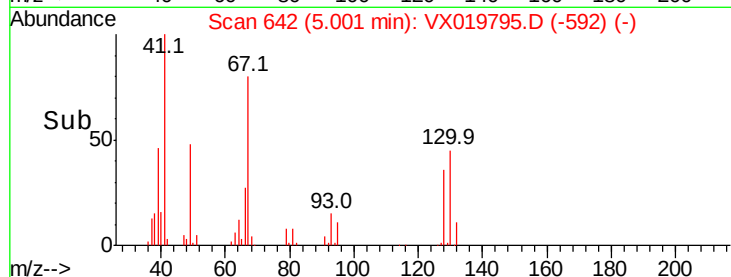
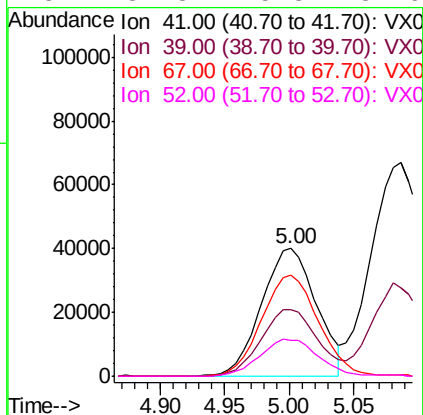
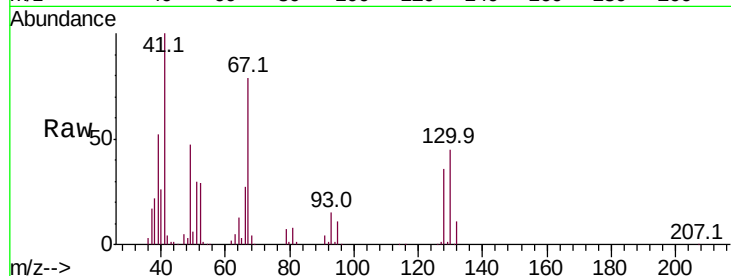




#41
Methacrylonitrile
Concen: 52.249 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

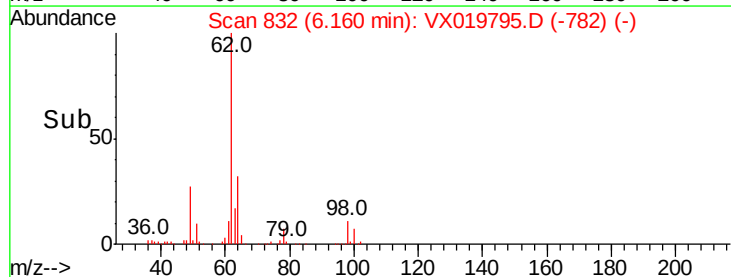
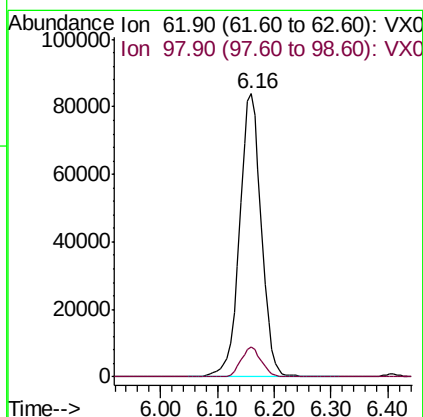
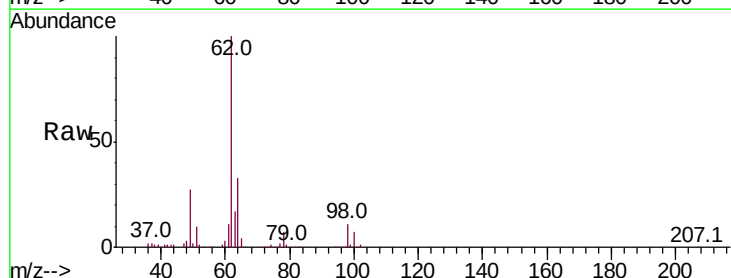
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

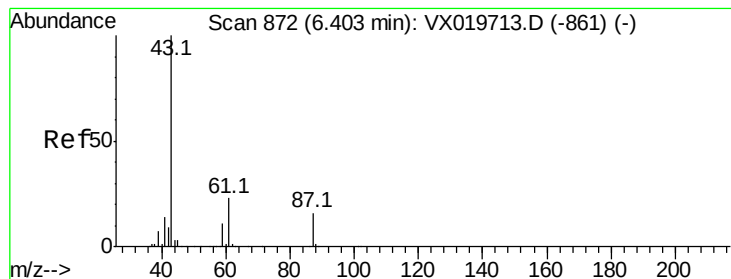
Tot Ion: 41 Resp: 118785
Ion Ratio Lower Upper
41 100
39 54.0 42.5 63.7
67 82.4 65.0 97.6
52 31.8 25.3 37.9



#42
1,2-Dichloroethane
Concen: 52.055 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 62 Resp: 222807
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2





#43

Isopropyl Acetate

Concen: 51.637 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

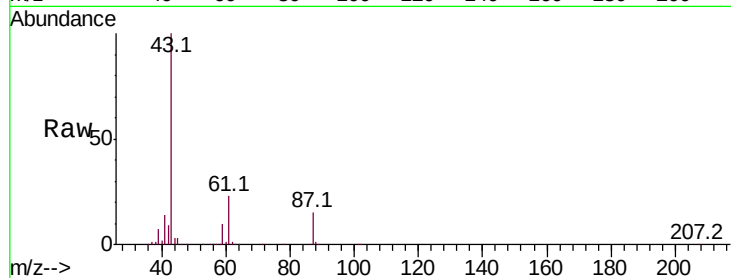
Tot Ion: 43 Resp: 347619

Ion Ratio Lower Upper

43 100

61 22.9 18.2 27.4

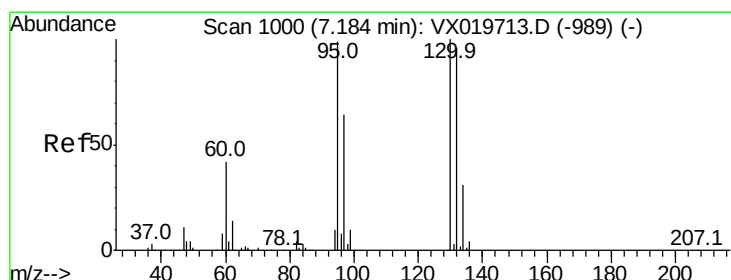
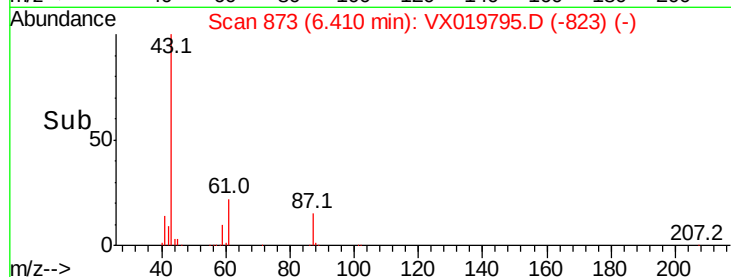
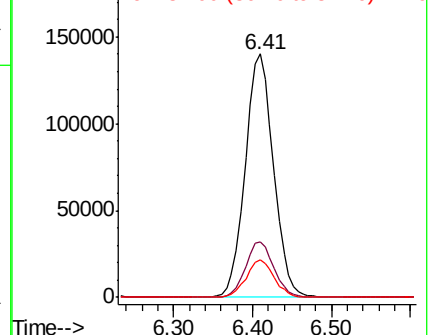
87 15.2 12.5 18.7



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: 50.170 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019795.D

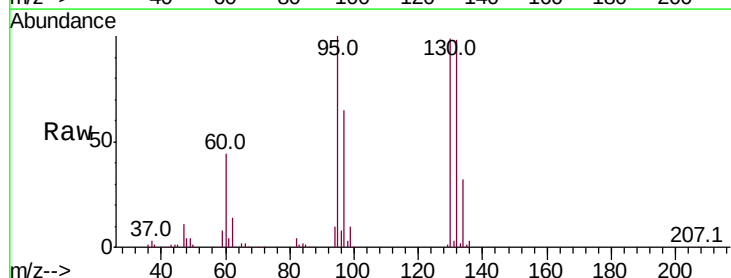
Acq: 09 Dec 2020 22:23

Tgt Ion:130 Resp: 164904

Ion Ratio Lower Upper

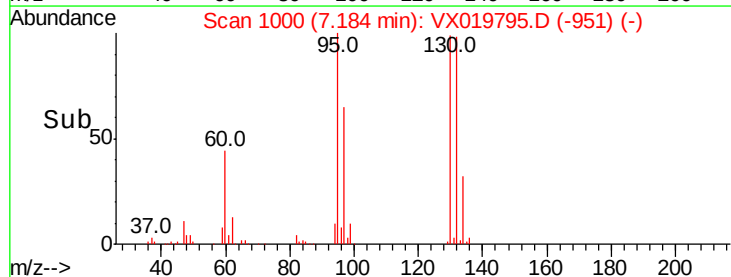
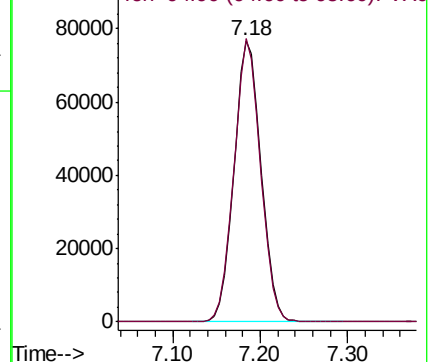
130 100

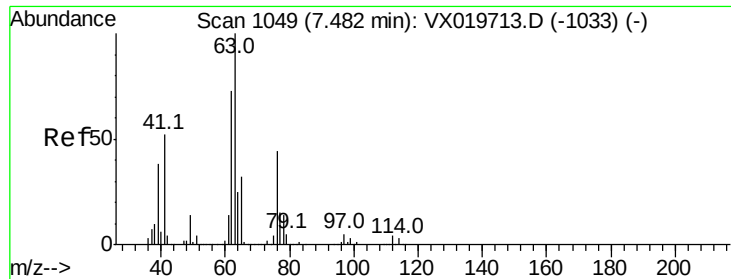
95 100.6 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.405 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

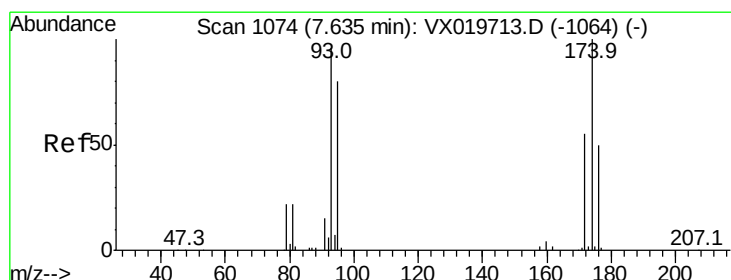
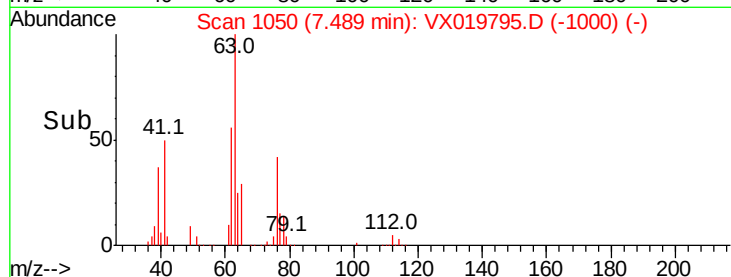
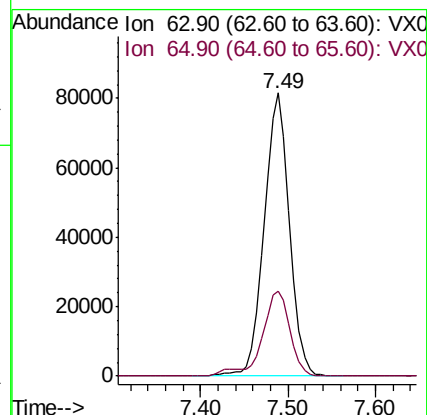
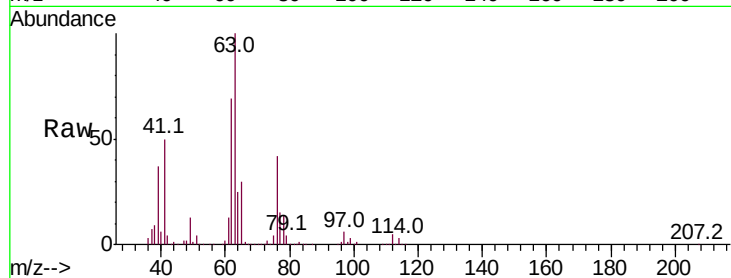
VSTDCCC050

Tot Ion: 63 Resp: 164080

Ion Ratio Lower Upper

63 100

65 30.2 25.7 38.5



#46

Dibromomethane

Concen: 52.185 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

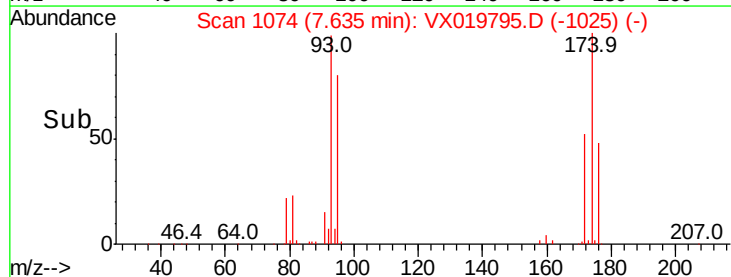
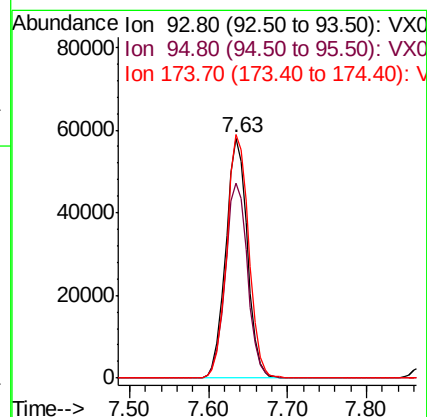
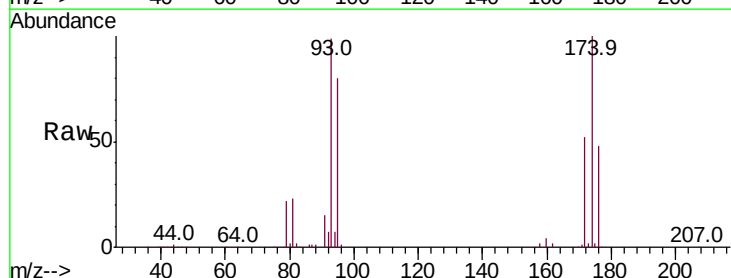
Tgt Ion: 93 Resp: 110338

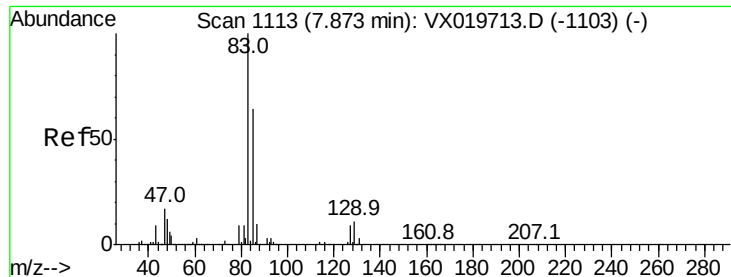
Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 103.3 83.1 124.7





#47

Bromodichloromethane

Concen: 52.631 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

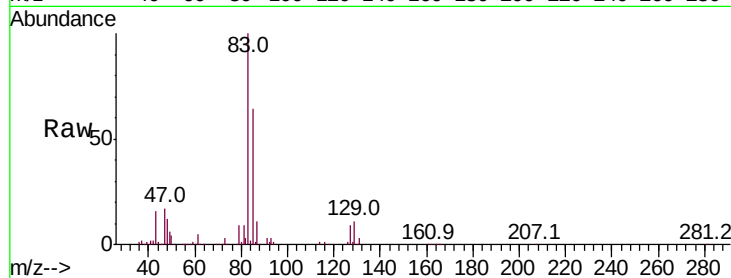
Tot Ion: 83 Resp: 220818

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.0

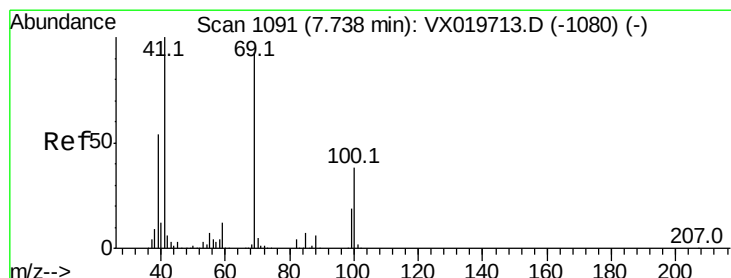
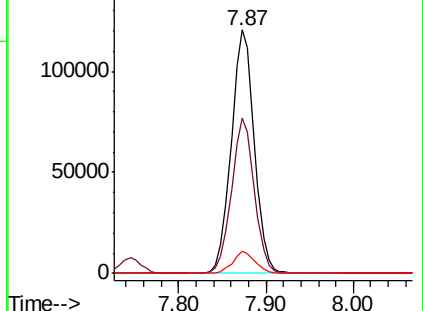
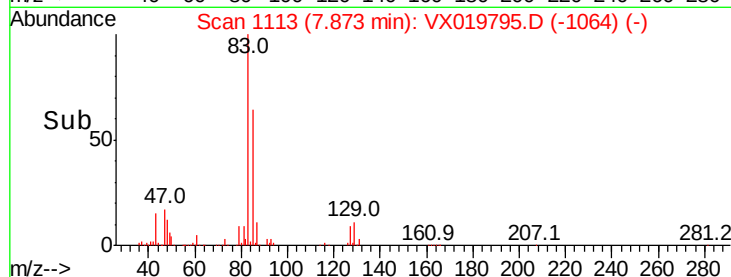
127 9.0 6.8 10.2



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: 52.723 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

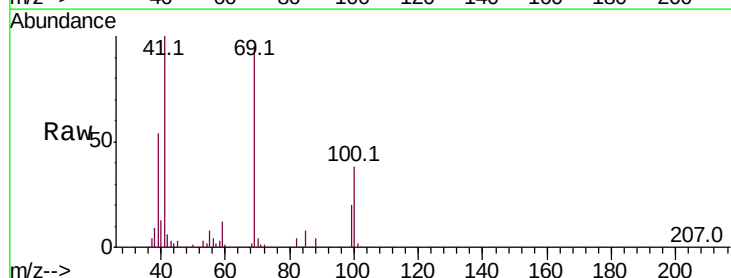
Tgt Ion: 41 Resp: 174557

Ion Ratio Lower Upper

41 100

69 94.0 76.0 114.0

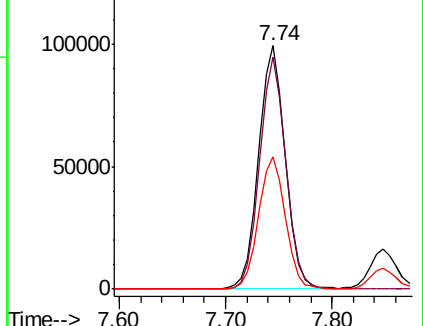
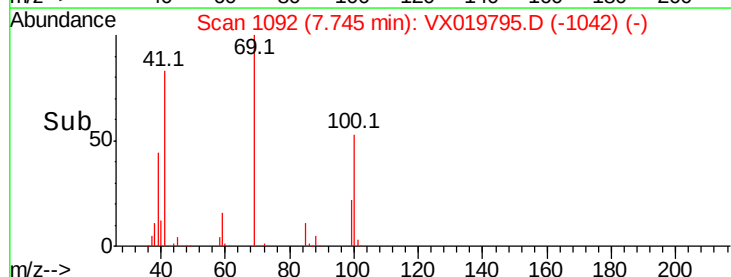
39 54.5 44.6 67.0

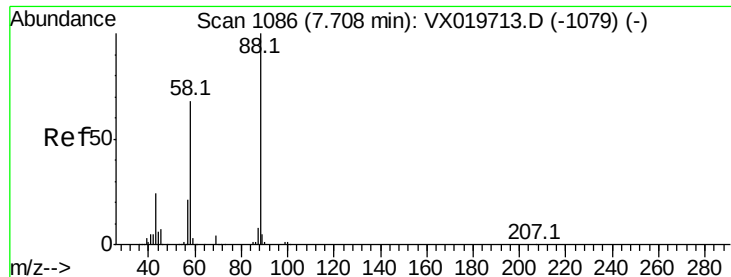


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1058.538 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

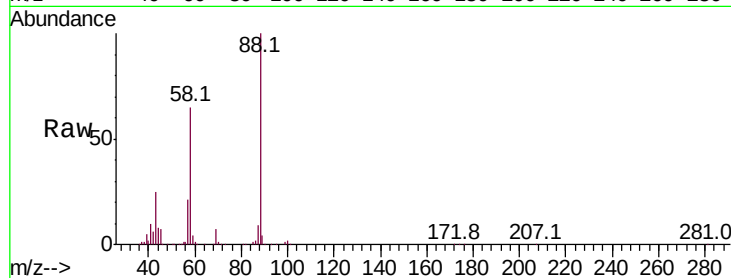
Tot Ion: 88 Resp: 84899

Ion Ratio Lower Upper

88 100

43 28.5 23.2 34.8

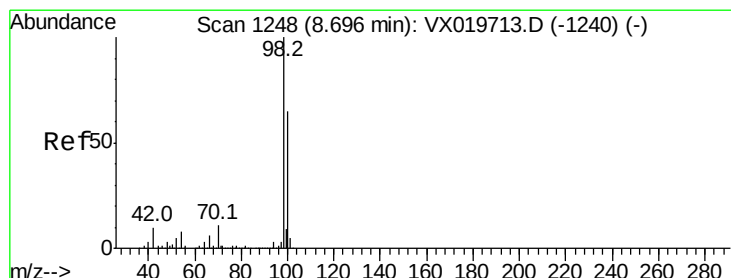
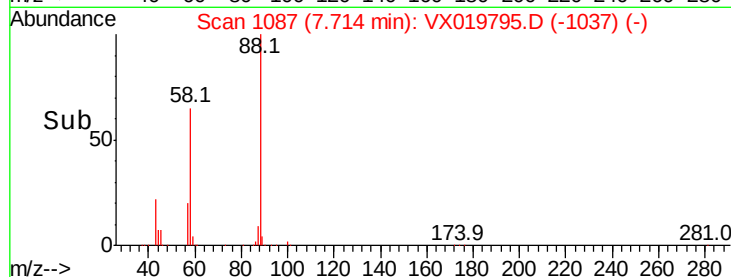
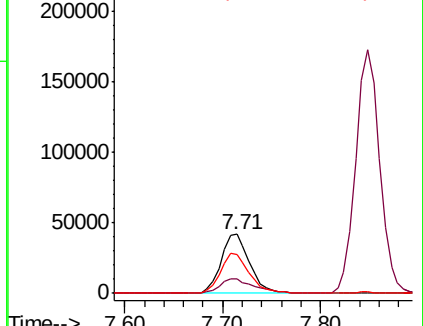
58 68.1 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.443 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019795.D

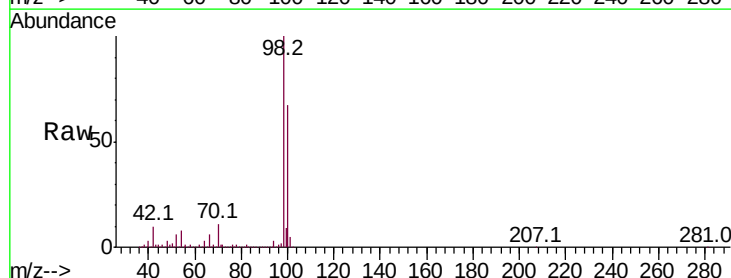
Acq: 09 Dec 2020 22:23

Tgt Ion: 98 Resp: 553658

Ion Ratio Lower Upper

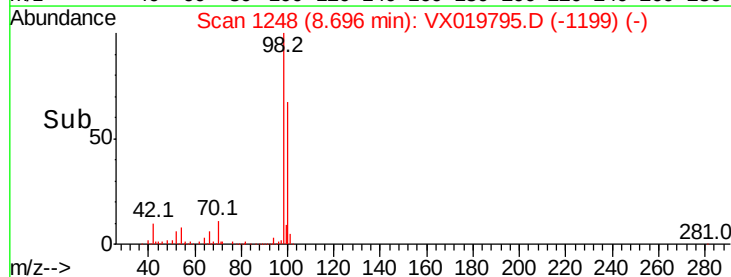
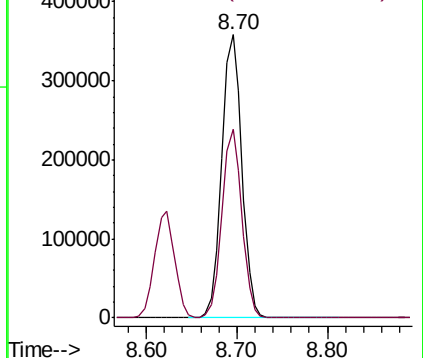
98 100

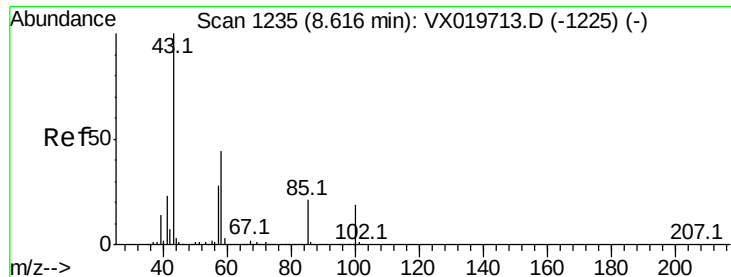
100 66.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

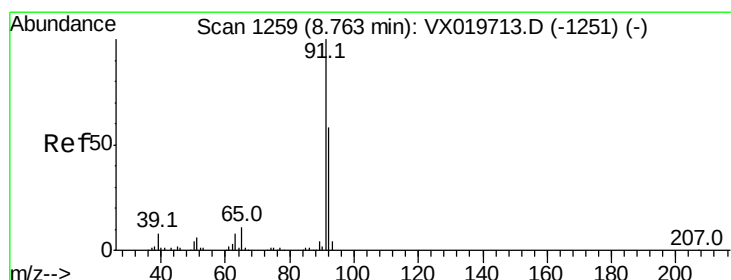
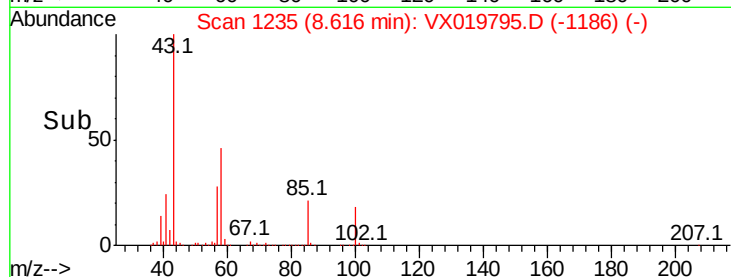
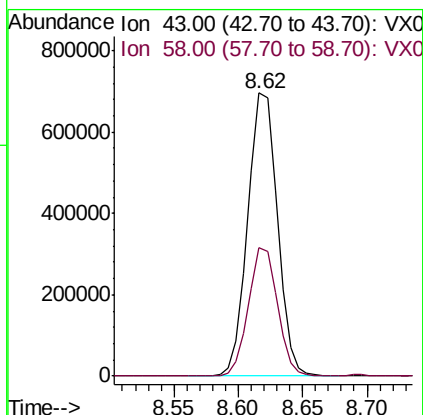
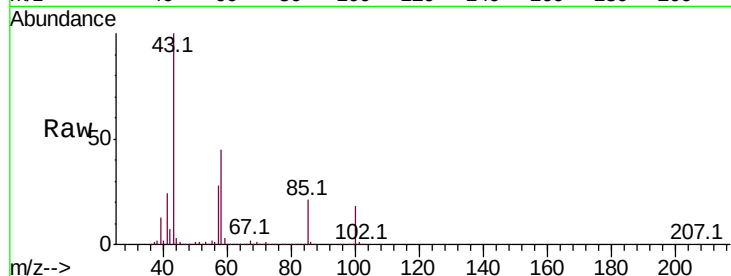




#51
4-Methyl-2-Pentanone
Concen: 269.303 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

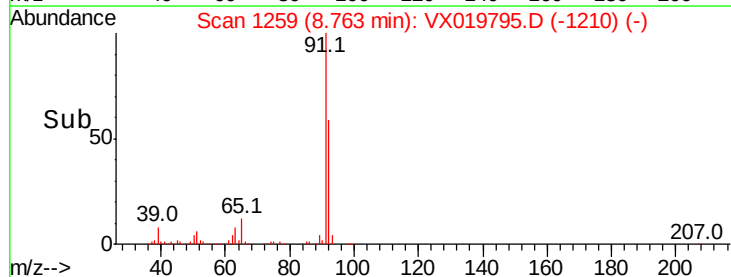
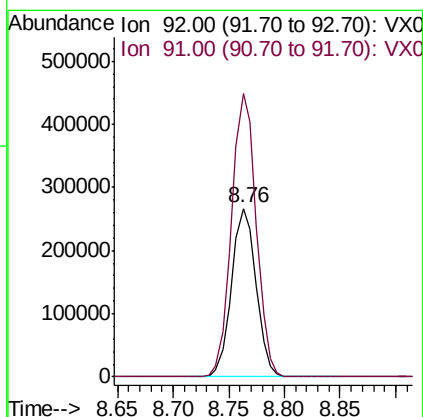
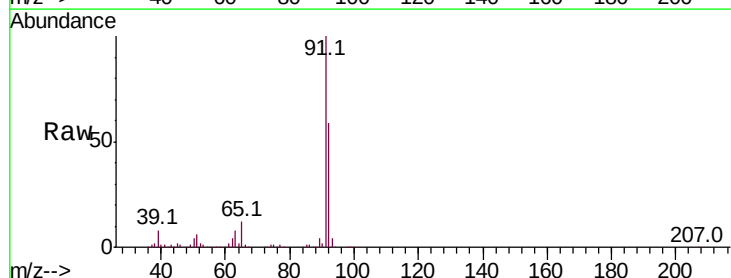
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

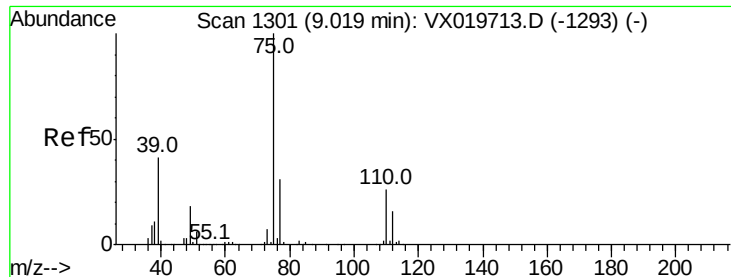
Tot Ion: 43 Resp: 1106855
Ion Ratio Lower Upper
43 100
58 44.5 35.4 53.0



#52
Toluene
Concen: 51.795 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 92 Resp: 405821
Ion Ratio Lower Upper
92 100
91 169.4 137.1 205.7

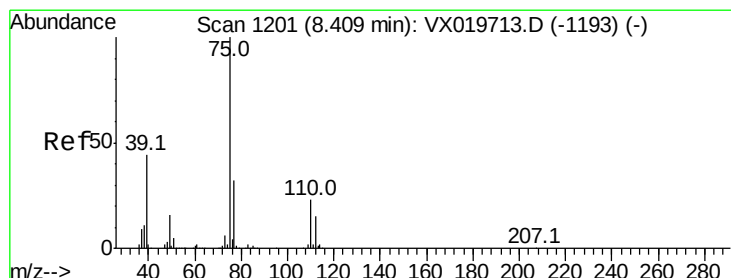
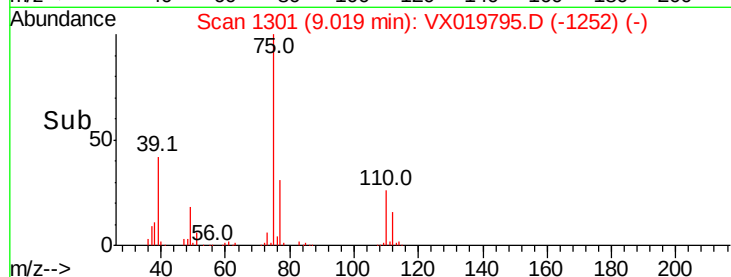
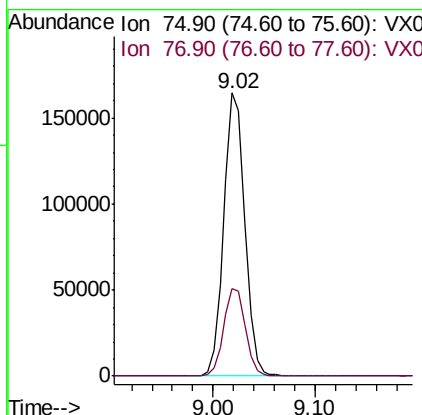
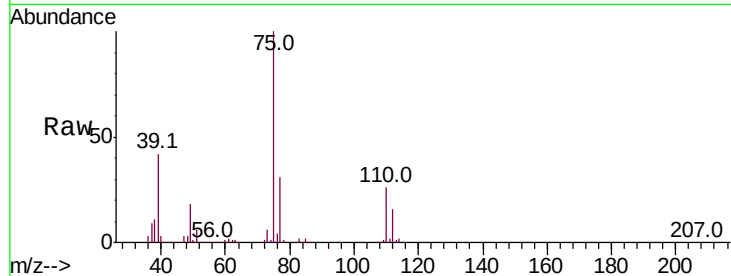




#53
 t-1,3-Dichloropropene
 Concen: 50.734 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

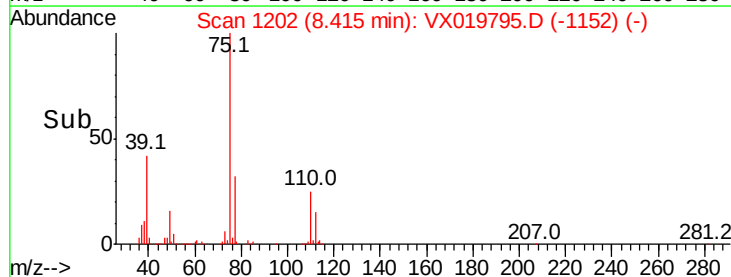
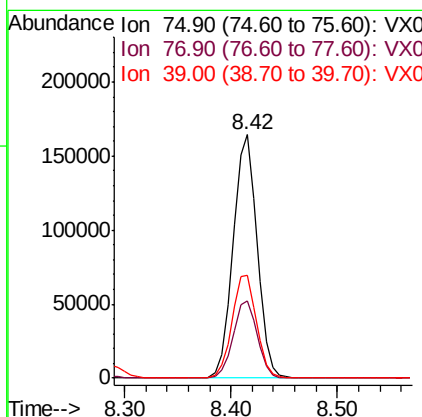
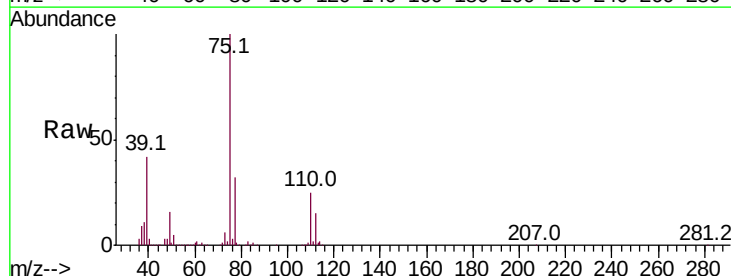
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

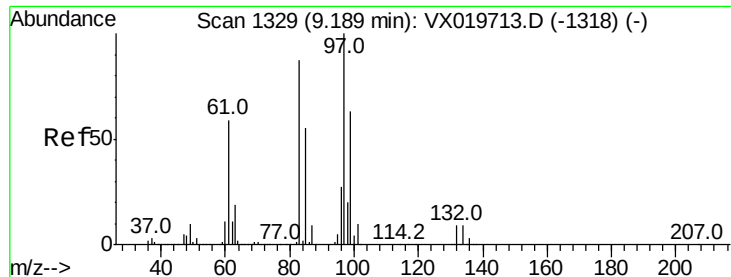
Tot Ion: 75 Resp: 236212
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.417 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion: 75 Resp: 260072
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.7 38.5
 39 42.4 35.1 52.7

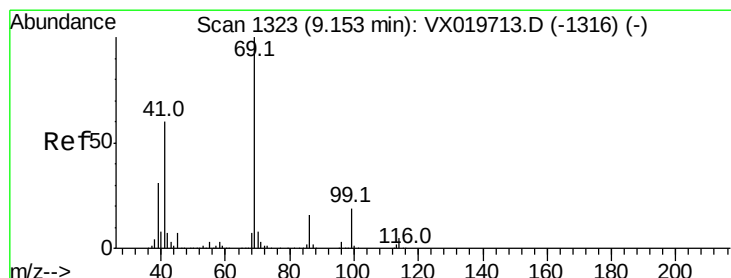
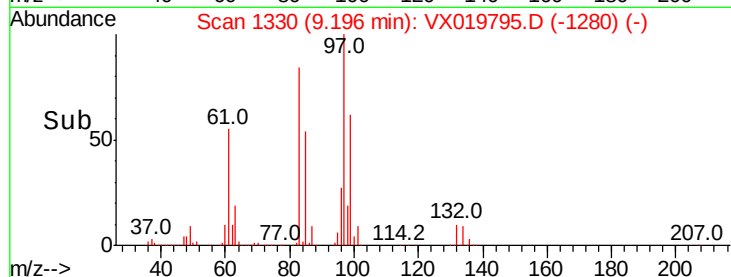
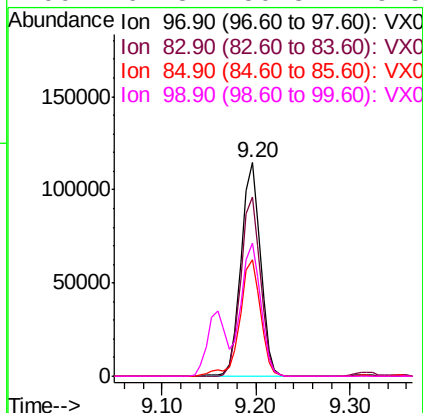
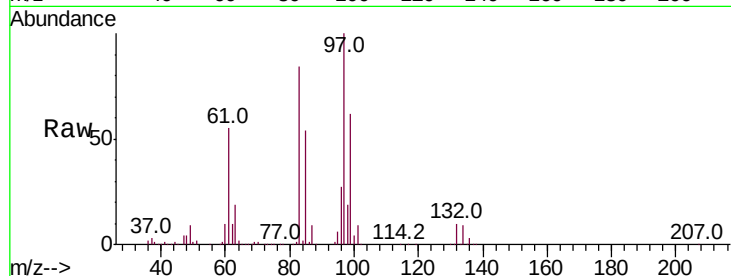




#55
1,1,2-Trichloroethane
Concen: 52.556 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

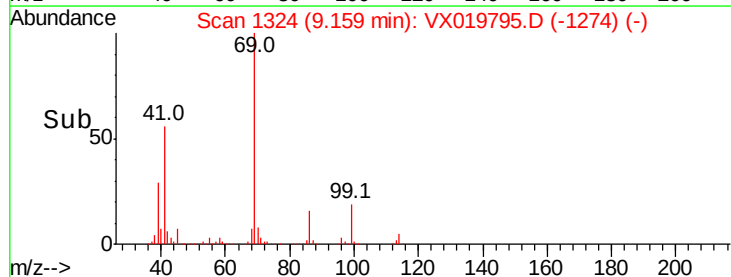
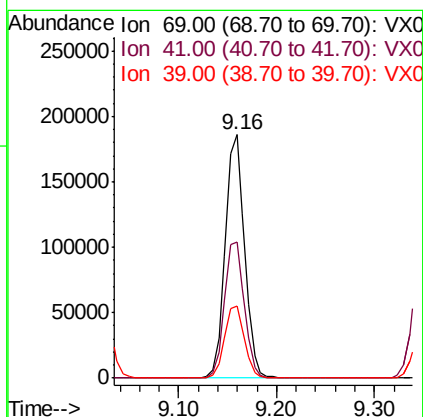
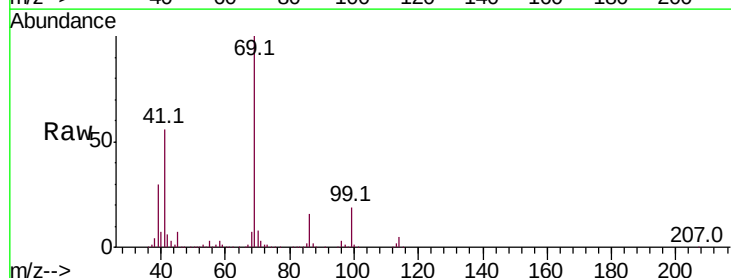
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

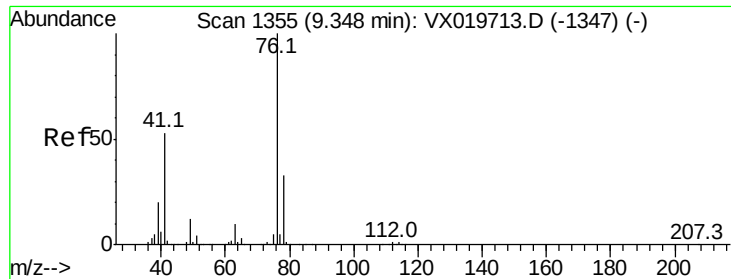
Tot Ion:	97	Resp:	165946
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.3	103.9
85	54.4	44.3	66.5
99	62.3	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.395 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion:	69	Resp:	255076
Ion	Ratio	Lower	Upper
69	100		
41	57.8	46.8	70.2
39	30.4	24.7	37.1





#57

1,3-Dichloropropane

Concen: 51.722 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

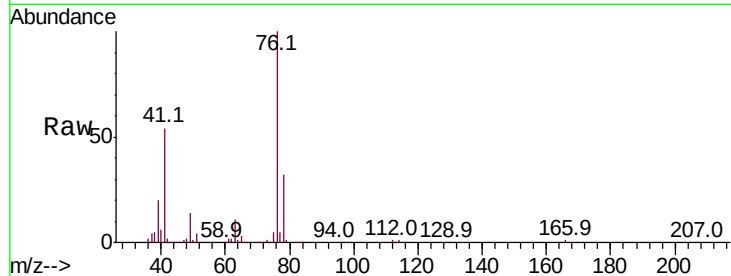
VSTDCCC050

Tot Ion: 76 Resp: 278859

Ion Ratio Lower Upper

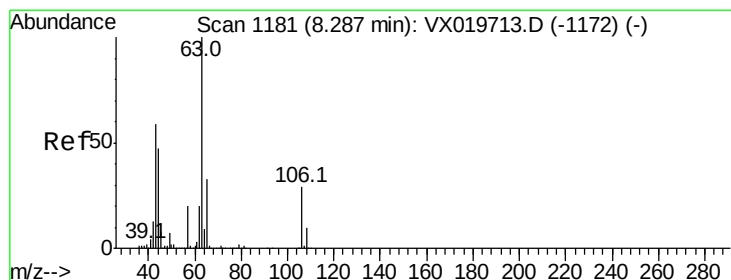
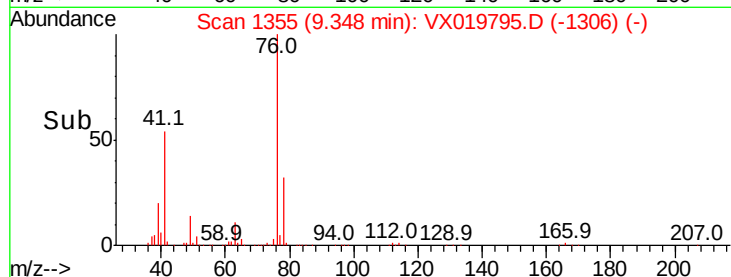
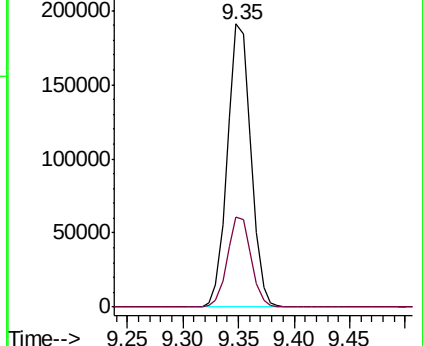
76 100

78 32.1 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 272.530 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019795.D

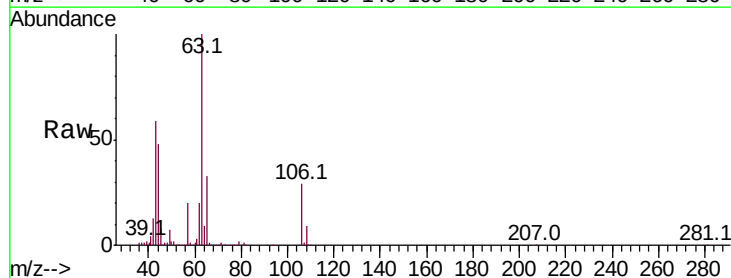
Acq: 09 Dec 2020 22:23

Tgt Ion: 63 Resp: 689705

Ion Ratio Lower Upper

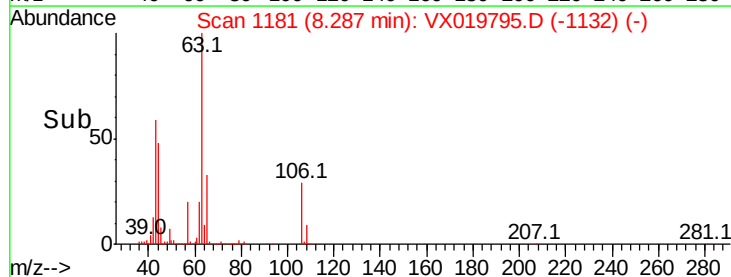
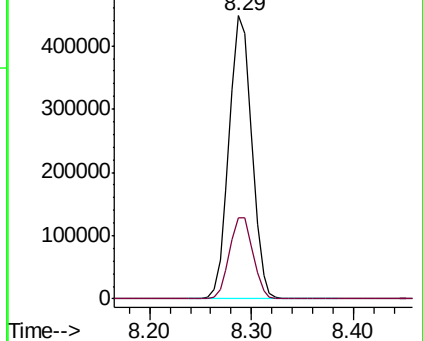
63 100

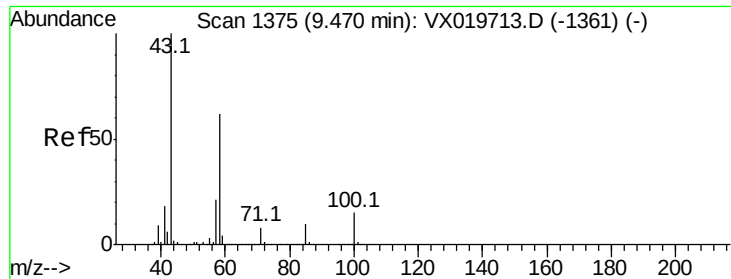
106 29.6 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

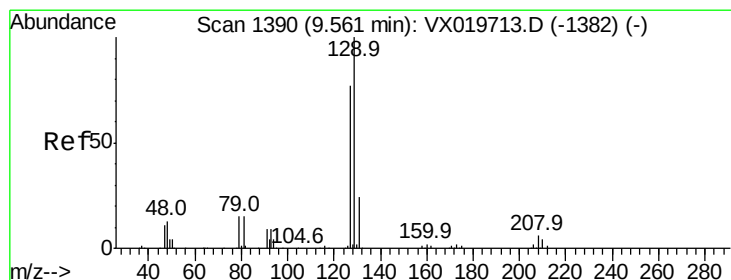
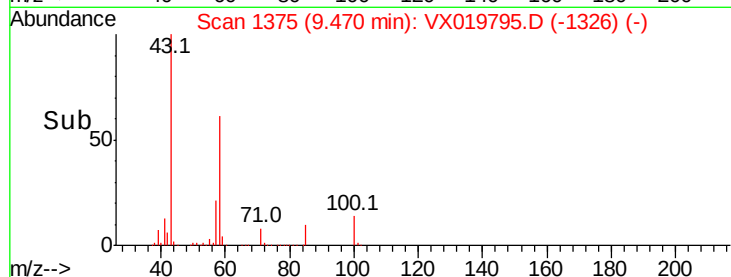
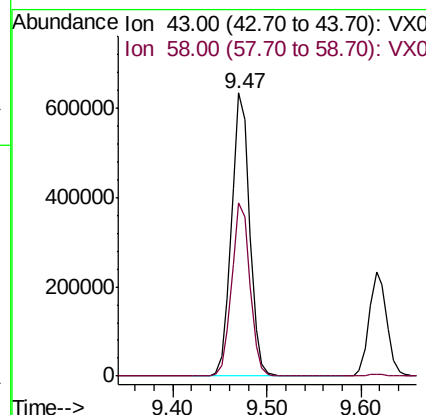
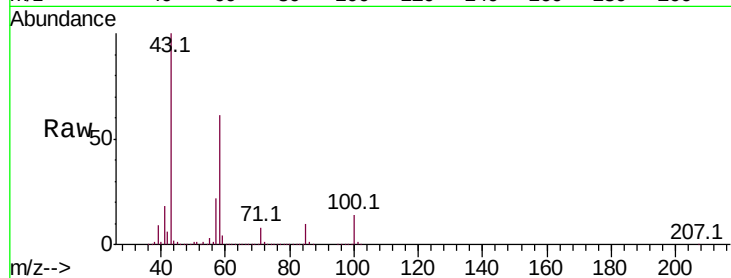




#59
2-Hexanone
Concen: 266.489 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

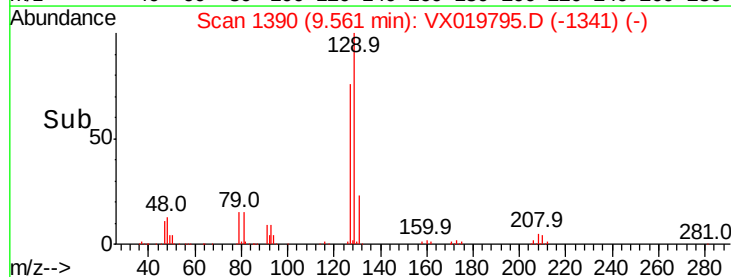
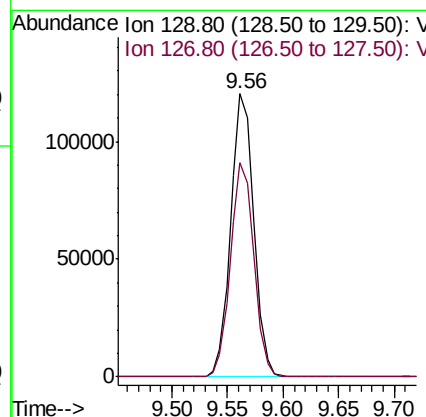
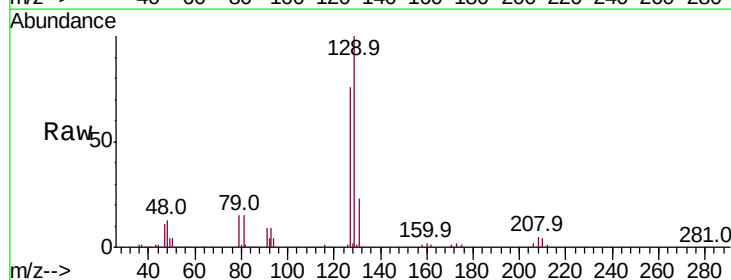
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

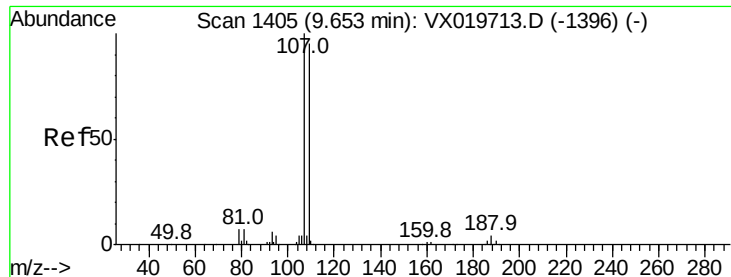
Tot Ion: 43 Resp: 848993
Ion Ratio Lower Upper
43 100
58 61.4 30.9 92.8



#60
Dibromochloromethane
Concen: 53.754 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 129 Resp: 172442
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.939 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

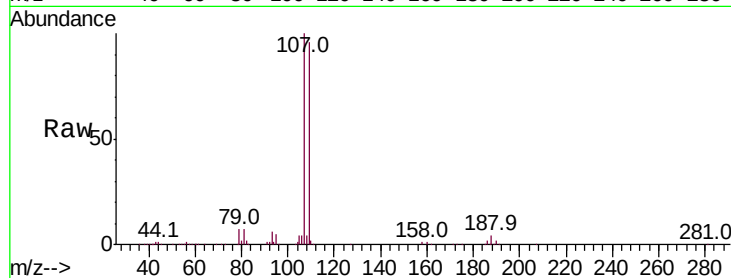
VSTDCCC050

Tot Ion:107 Resp: 174143

Ion Ratio Lower Upper

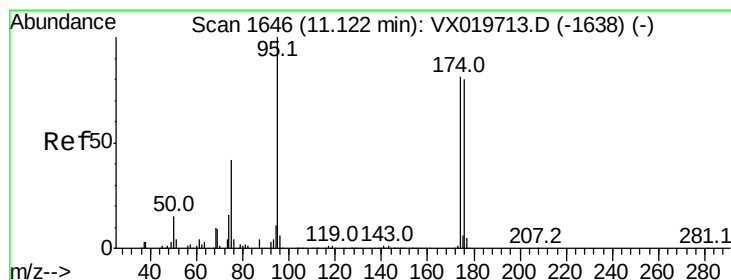
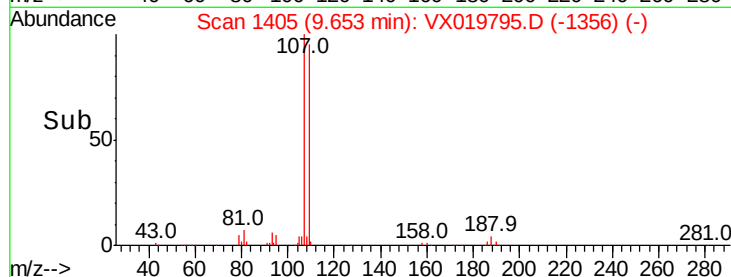
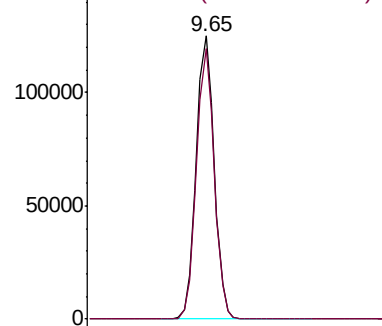
107 100

109 94.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.840 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

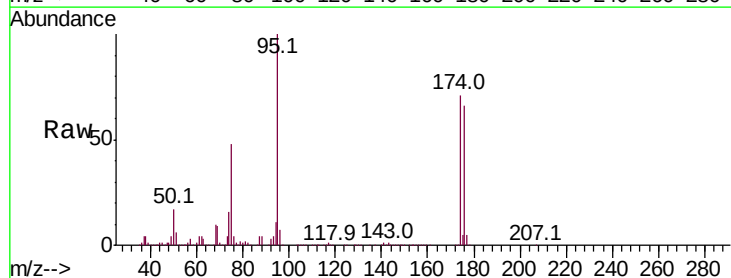
Tgt Ion: 95 Resp: 212421

Ion Ratio Lower Upper

95 100

174 79.1 0.0 154.6

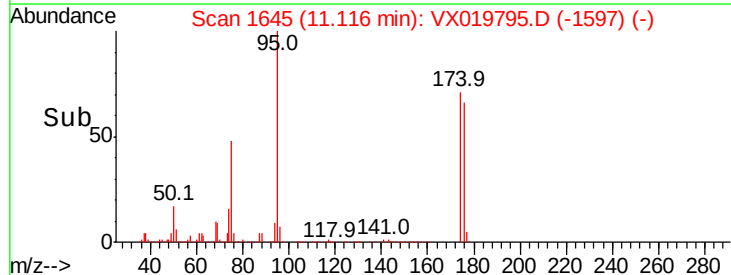
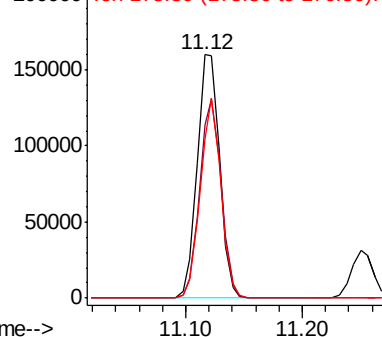
176 75.8 0.0 155.8

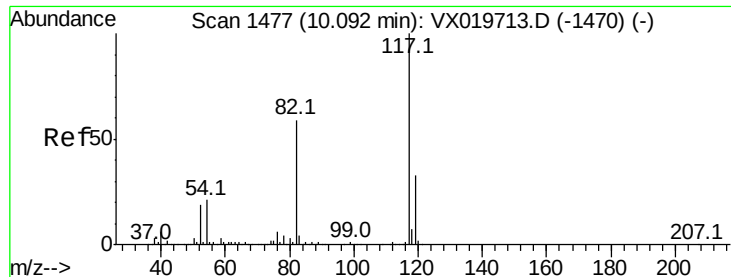


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

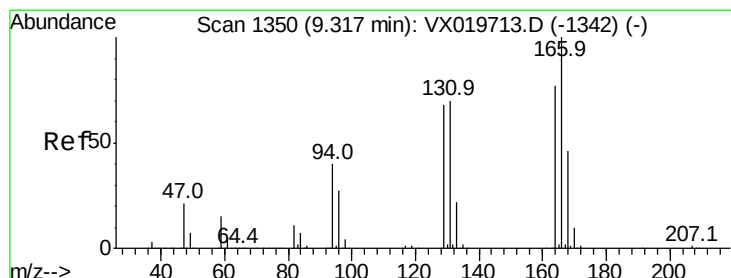
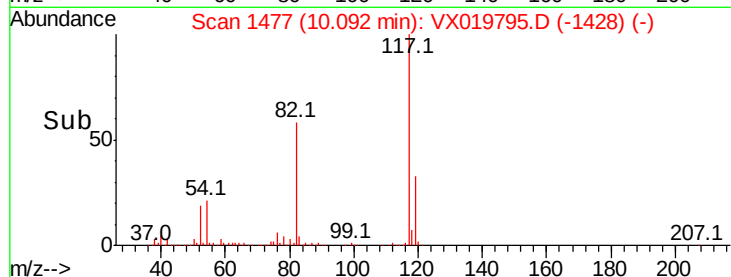
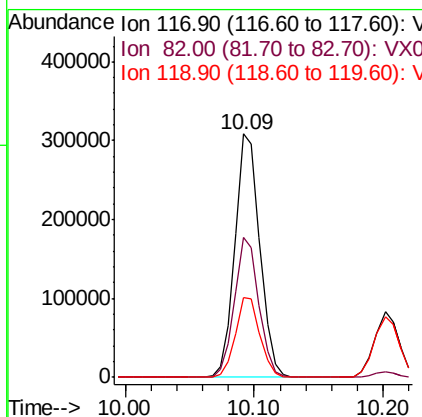
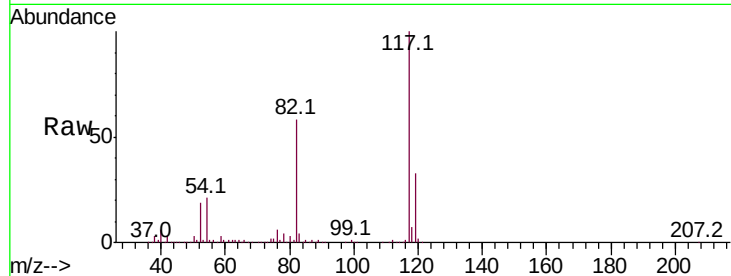




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

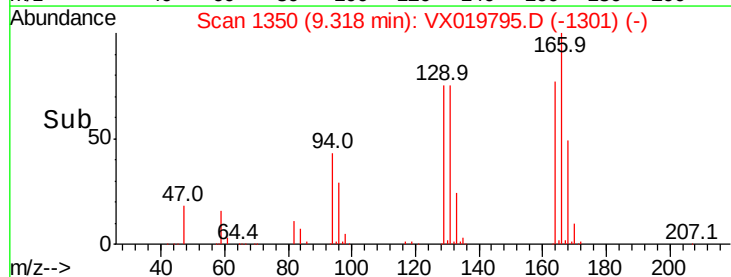
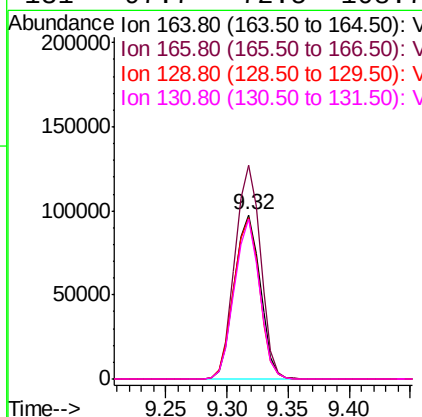
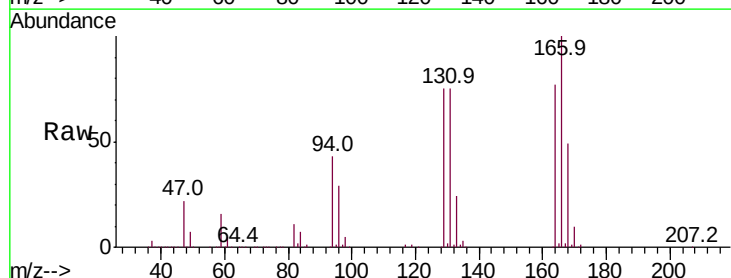
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

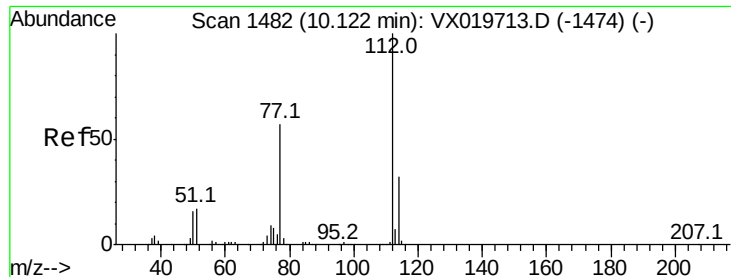
Tot Ion:117 Resp: 414976
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 32.8 26.6 39.8



#64
Tetrachloroethene
Concen: 51.474 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion:164 Resp: 143247
Ion Ratio Lower Upper
164 100
166 130.1 103.4 155.2
129 98.2 70.8 106.2
131 97.7 72.5 108.7

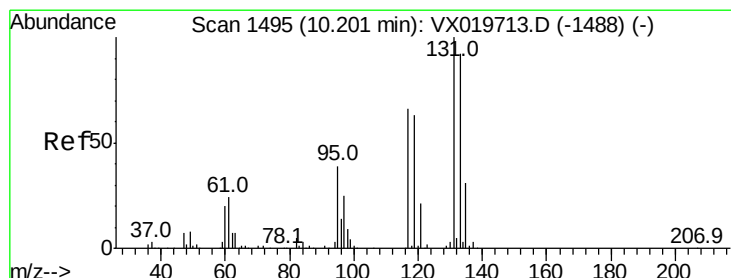
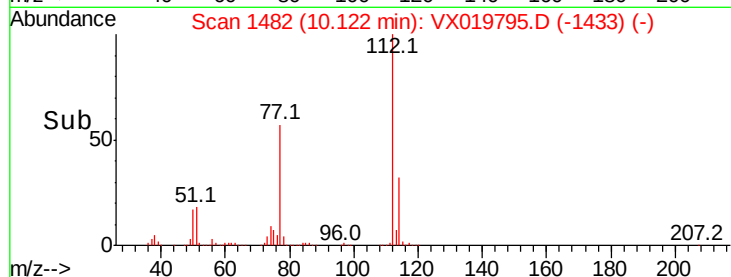
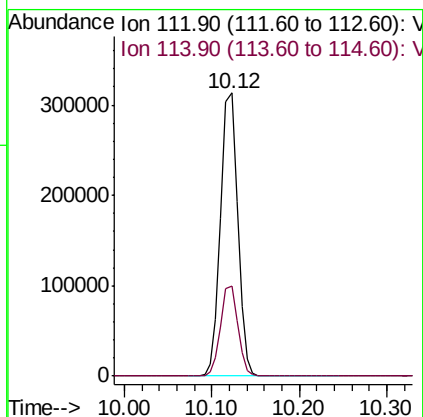
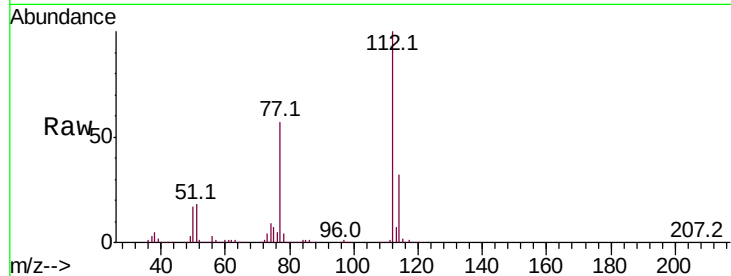




#65
Chlorobenzene
Concen: 51.690 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

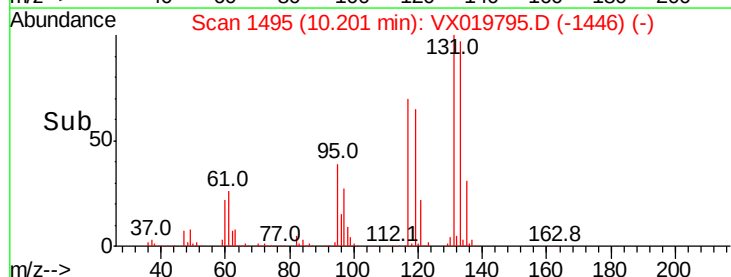
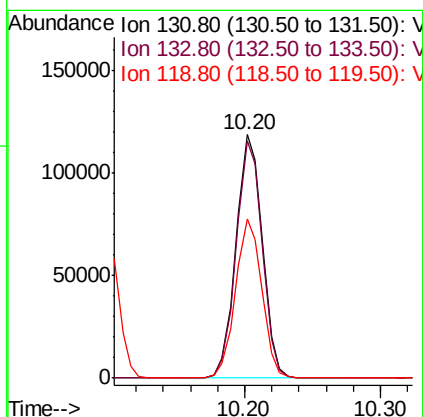
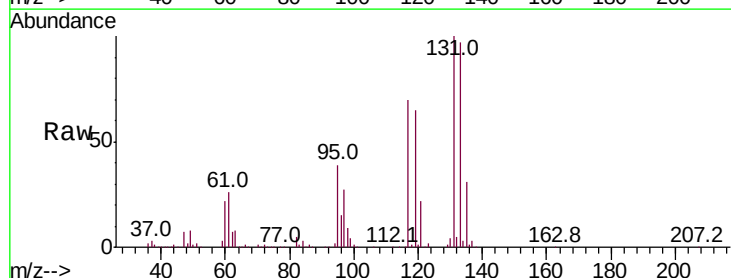
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

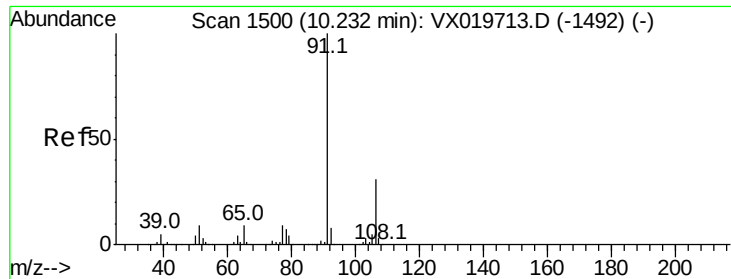
Tot Ion:112 Resp: 427343
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.630 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion:131 Resp: 159586
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 65.3 32.1 96.5

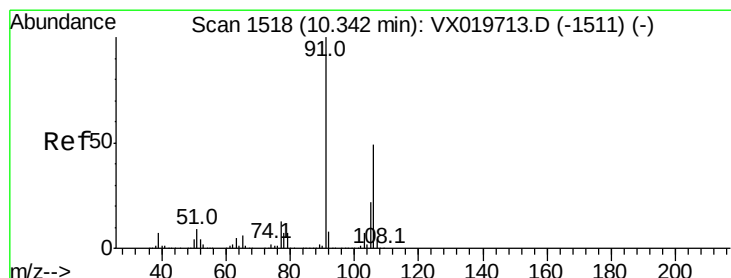
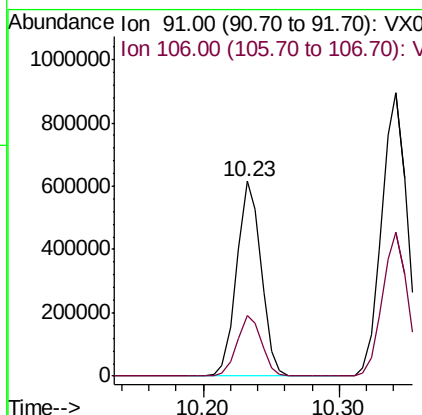
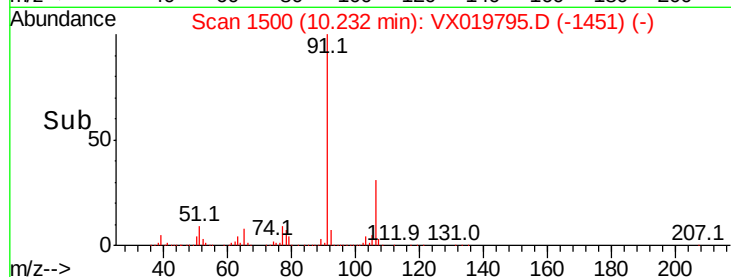
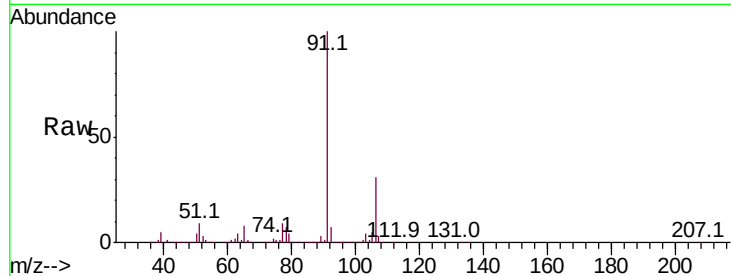




#67
Ethyl Benzene
Concen: 52.587 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

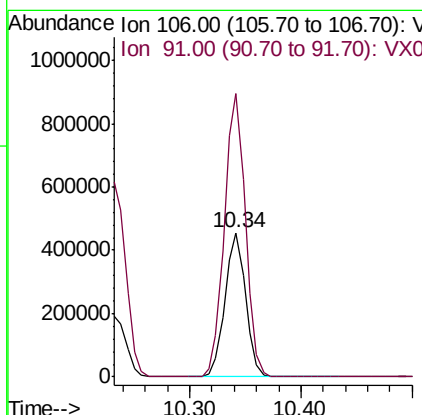
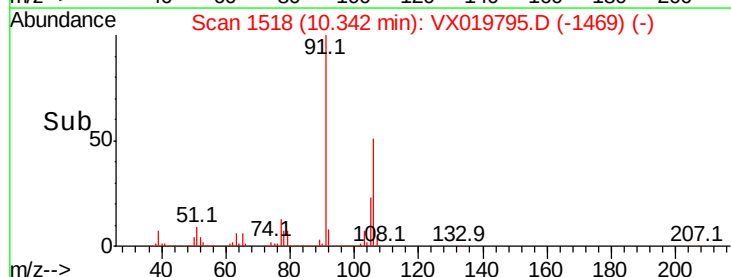
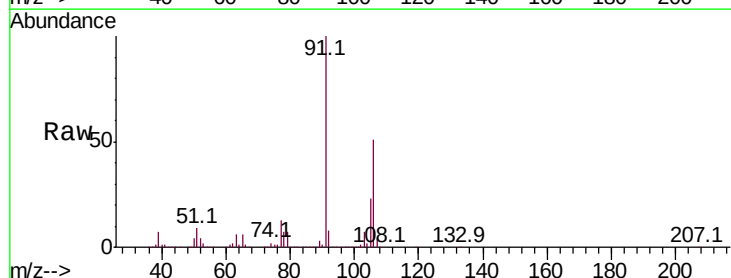
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

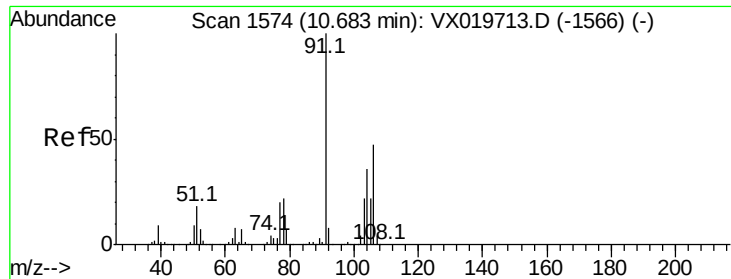
Tot Ion: 91 Resp: 771722
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



#68
m/p-Xylenes
Concen: 105.345 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 106 Resp: 582539
Ion Ratio Lower Upper
106 100
91 200.5 162.8 244.2

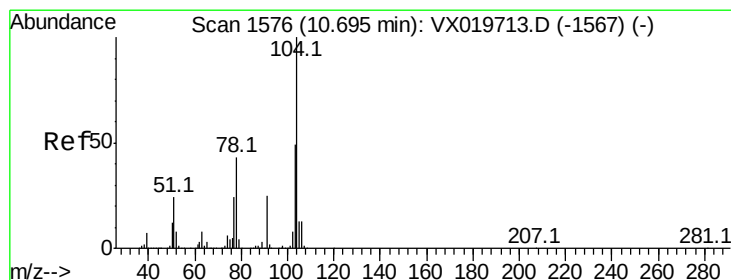
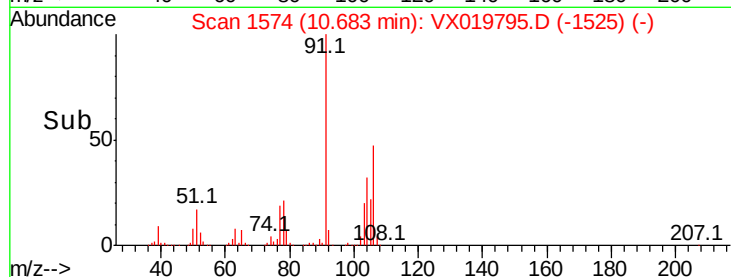
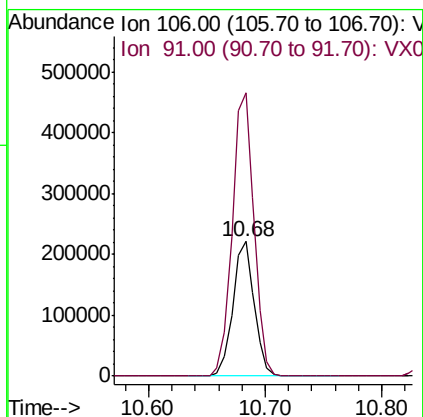
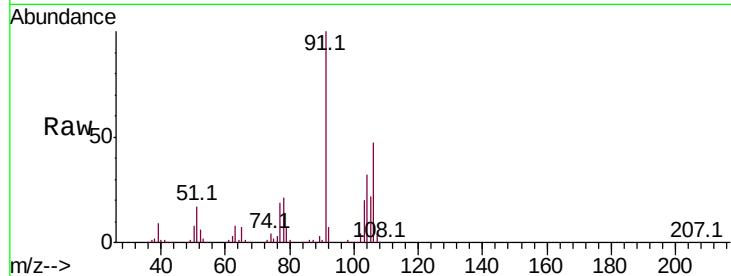




#69
o-Xylene
Concen: 52.819 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

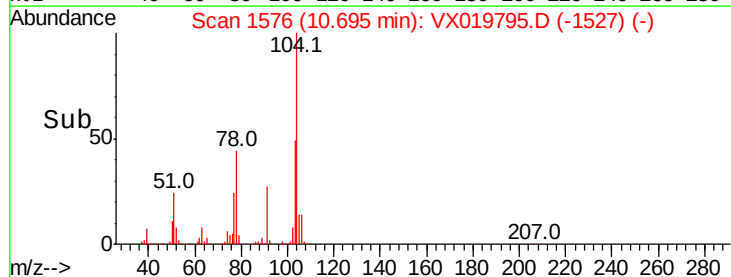
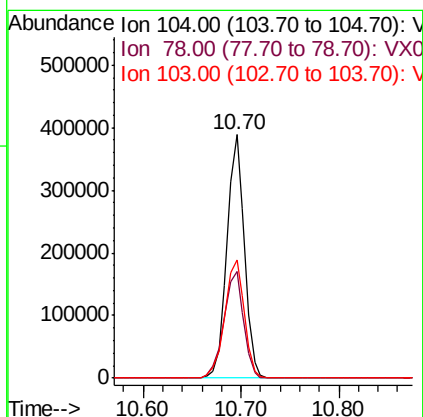
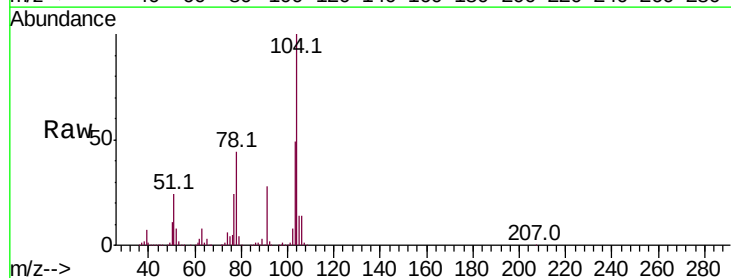
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

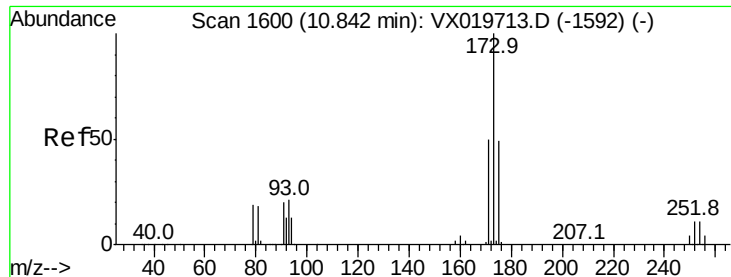
Tot Ion:106 Resp: 280966
Ion Ratio Lower Upper
106 100
91 215.0 108.1 324.2



#70
Styrene
Concen: 53.543 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion:104 Resp: 480733
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 54.6 43.4 65.0





#71

Bromoform

Concen: 54.316 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

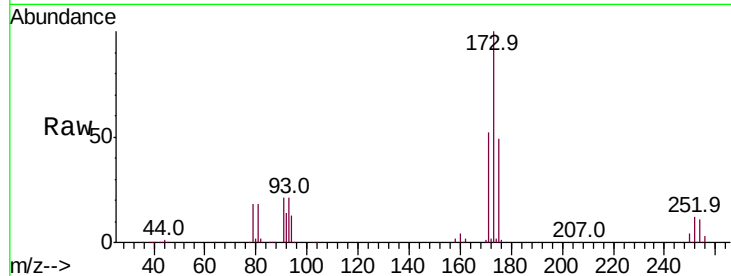
Tot Ion:173 Resp: 127149

Ion Ratio Lower Upper

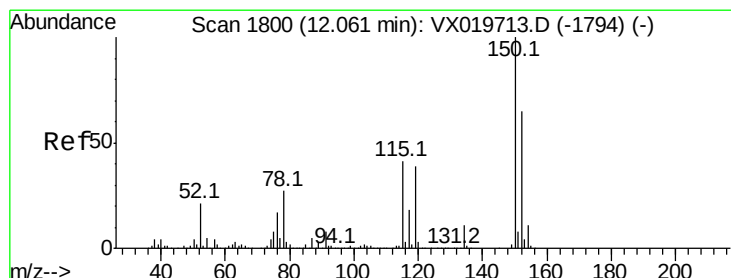
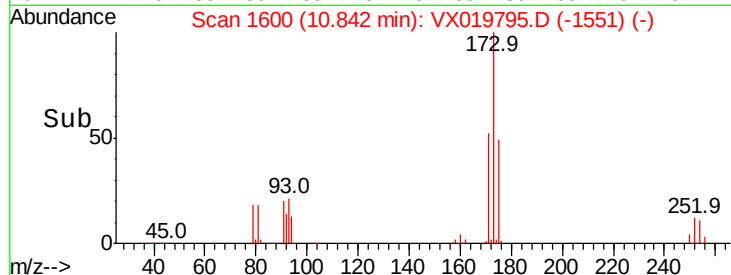
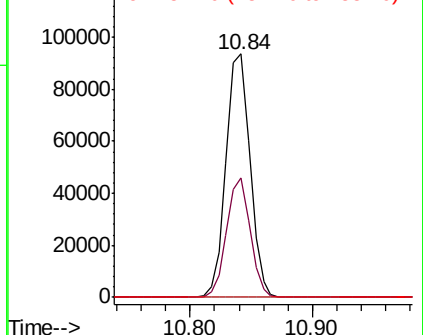
173 100

175 48.2 23.9 71.8

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

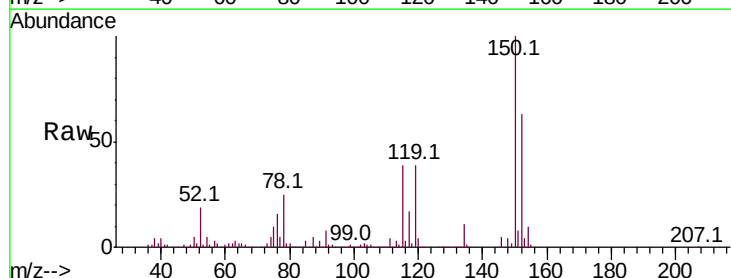
Tgt Ion:152 Resp: 208257

Ion Ratio Lower Upper

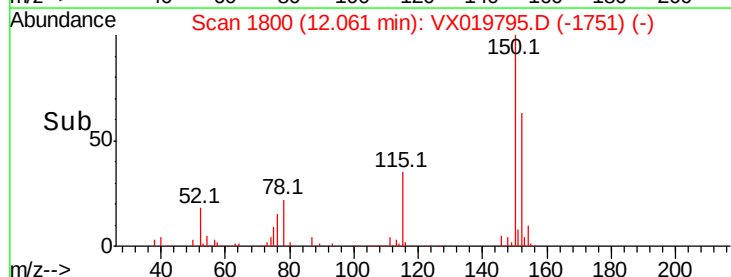
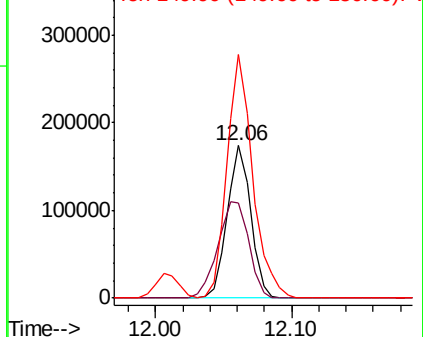
152 100

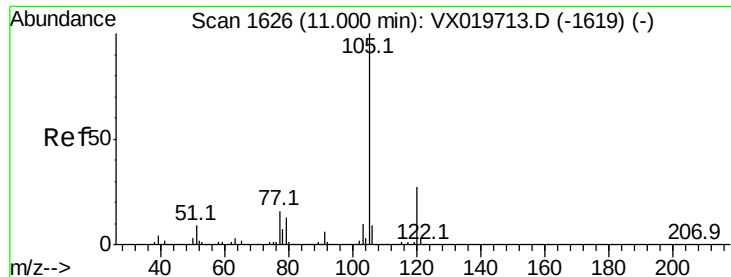
115 83.4 41.1 123.3

150 175.0 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: 52.944 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

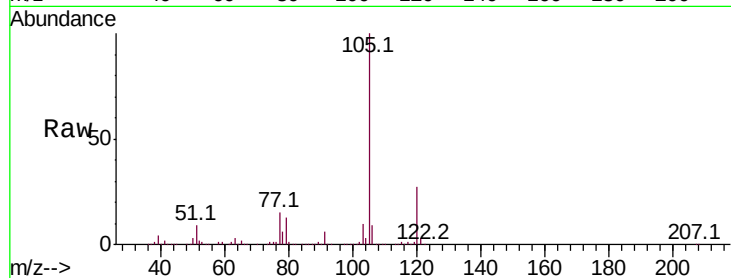
VSTDCCC050

Tot Ion:105 Resp: 753287

Ion Ratio Lower Upper

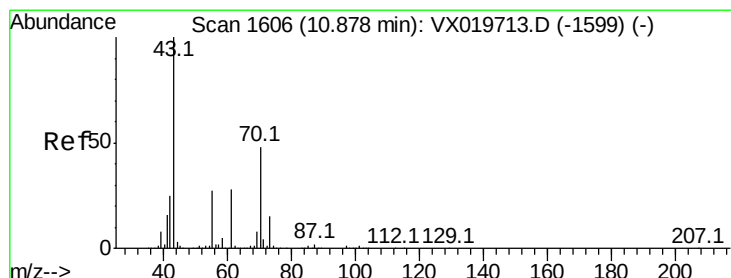
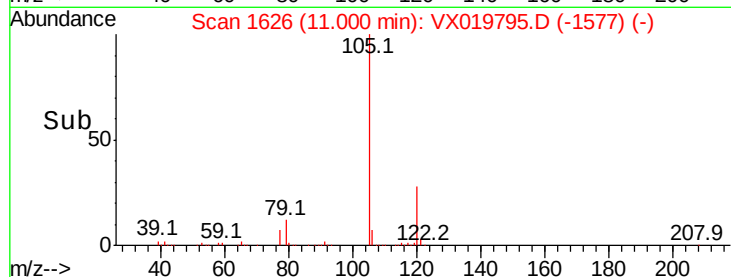
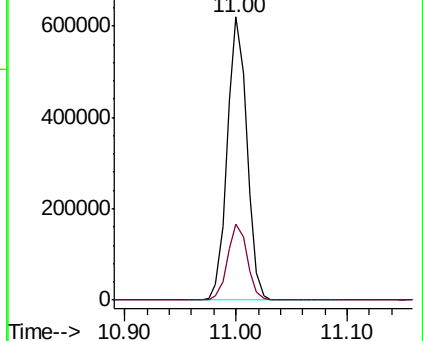
105 100

120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.708 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Tgt Ion: 43 Resp: 300531

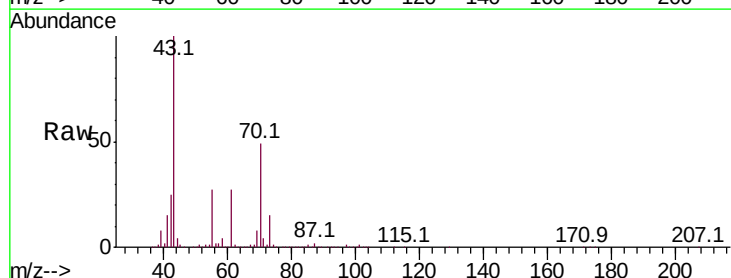
Ion Ratio Lower Upper

43 100

70 49.4 39.0 58.6

55 27.3 21.5 32.3

61 27.5 22.1 33.1

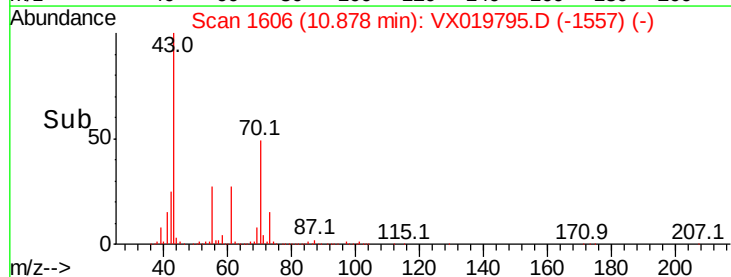
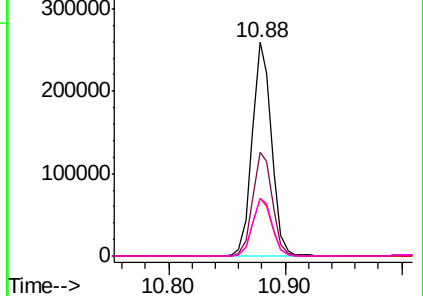


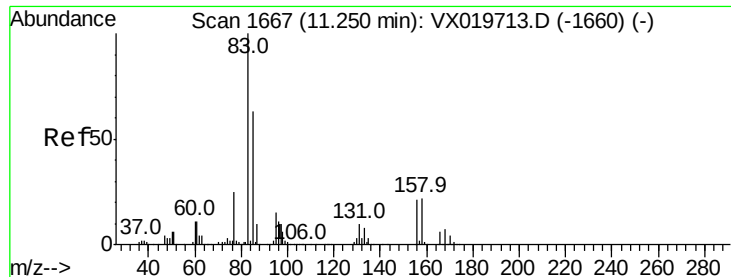
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.899 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

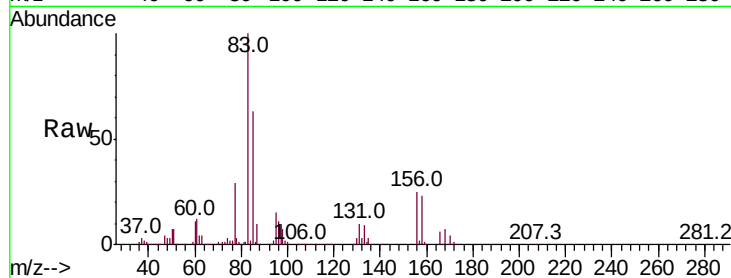
Tot Ion: 83 Resp: 265353

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

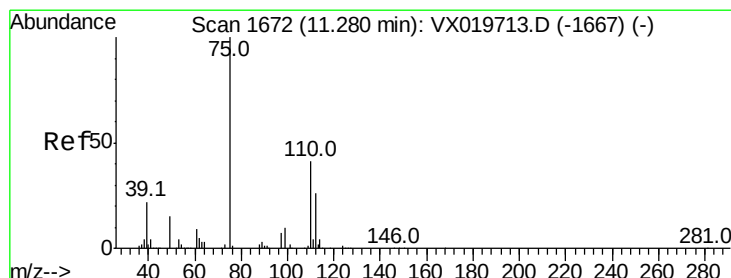
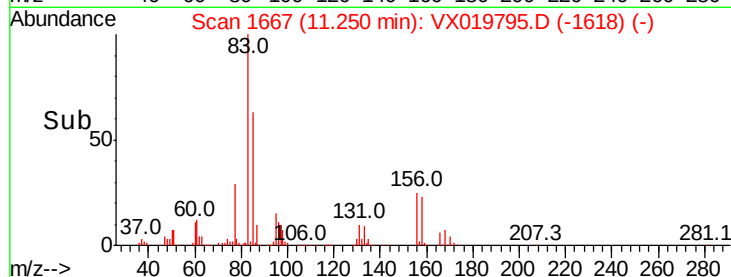
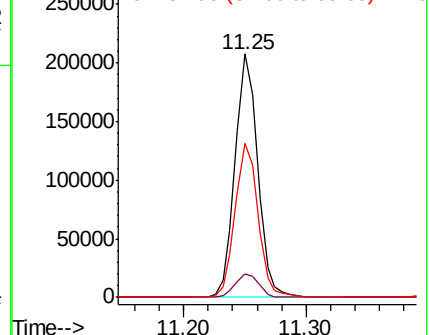
85 64.2 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.452 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019795.D

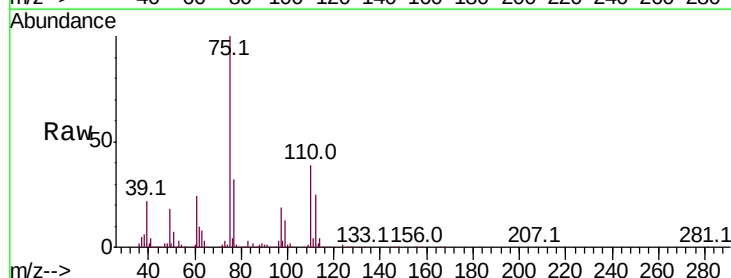
Acq: 09 Dec 2020 22:23

Tgt Ion: 75 Resp: 305718

Ion Ratio Lower Upper

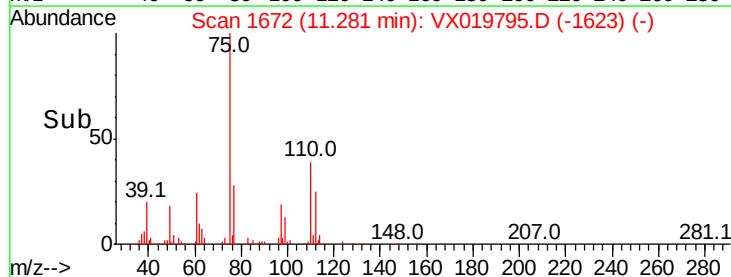
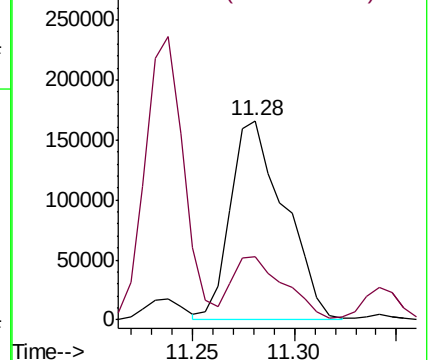
75 100

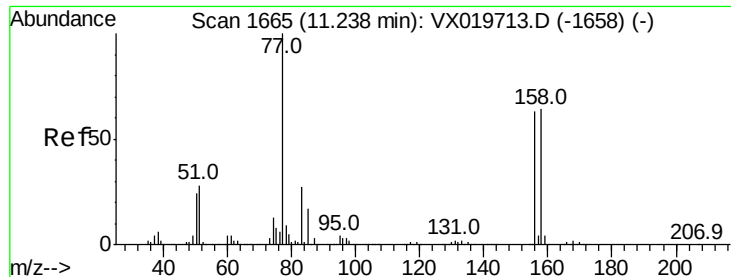
77 30.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

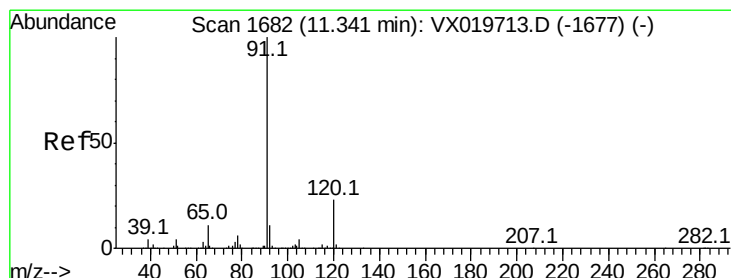
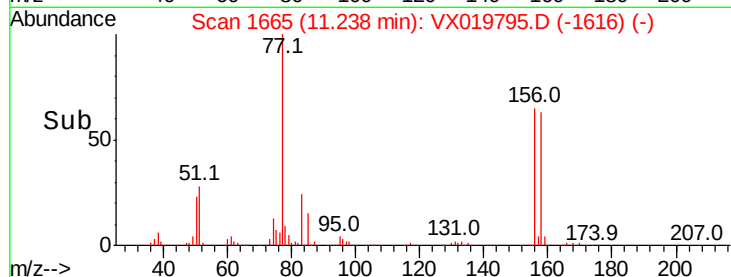
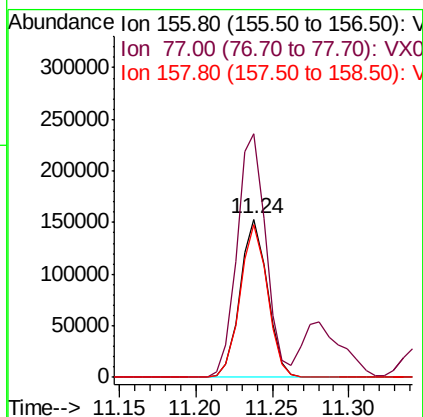
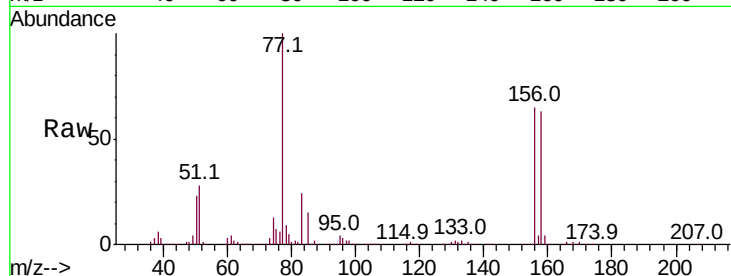




#77
Bromobenzene
Concen: 52.084 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

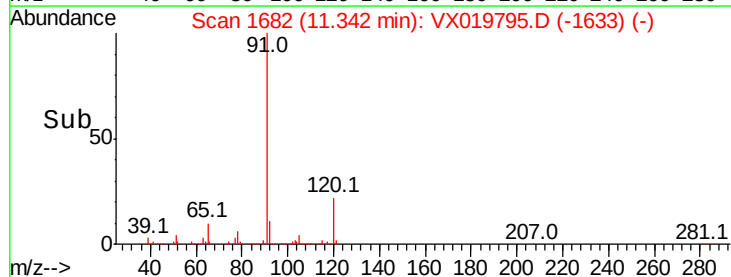
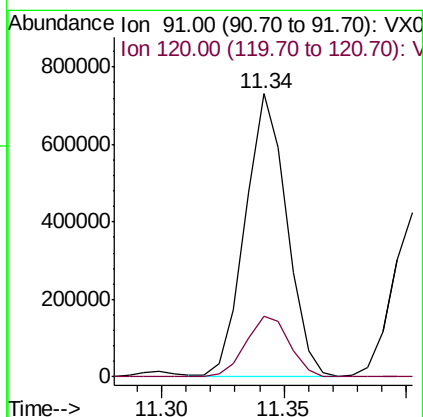
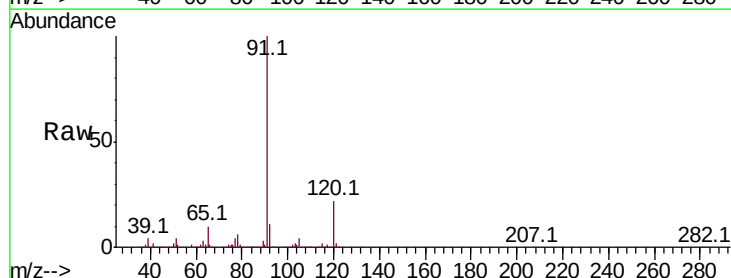
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

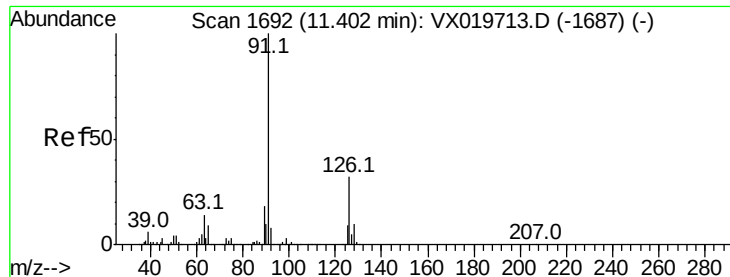
Tot Ion:156 Resp: 189644
Ion Ratio Lower Upper
156 100
77 163.3 82.8 248.6
158 96.4 49.1 147.4



#78
n-propylbenzene
Concen: 52.696 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 91 Resp: 856333
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5

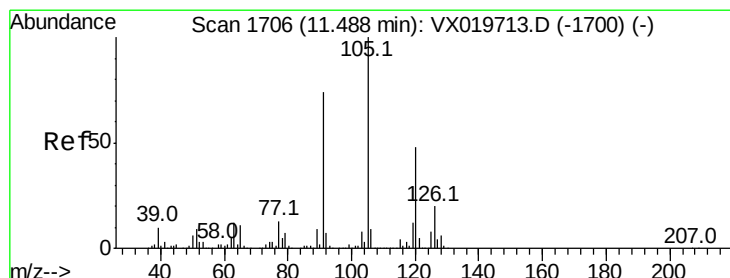
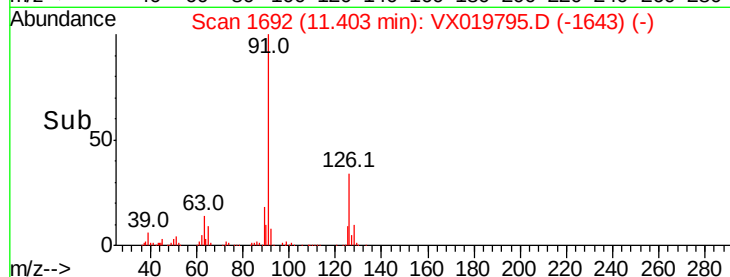
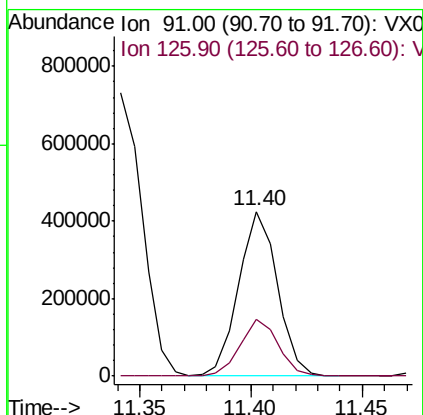
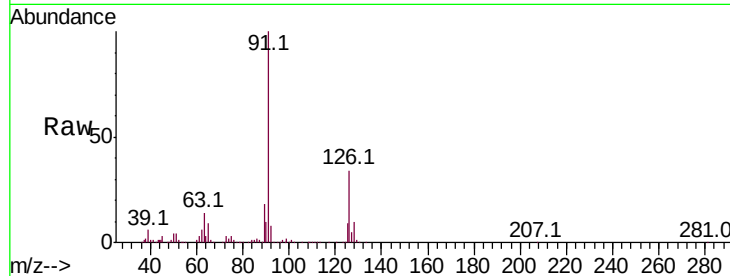




#79
2-Chlorotoluene
Concen: 51.583 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

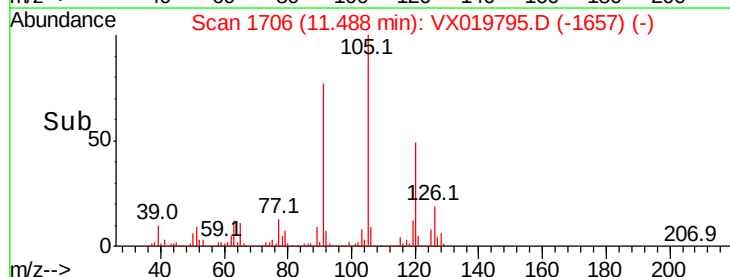
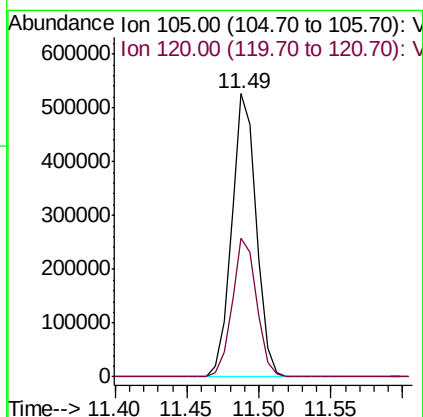
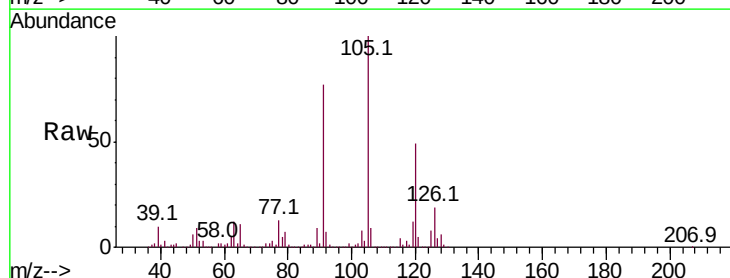
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

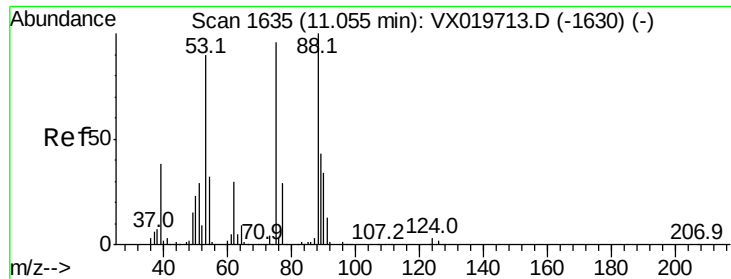
Tot Ion: 91 Resp: 516207
Ion Ratio Lower Upper
91 100
126 33.7 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 52.379 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 105 Resp: 628965
Ion Ratio Lower Upper
105 100
120 48.9 23.8 71.5

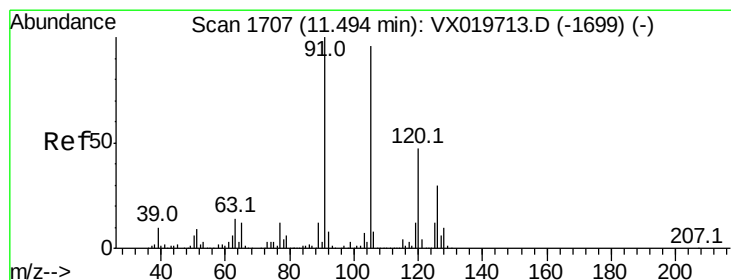
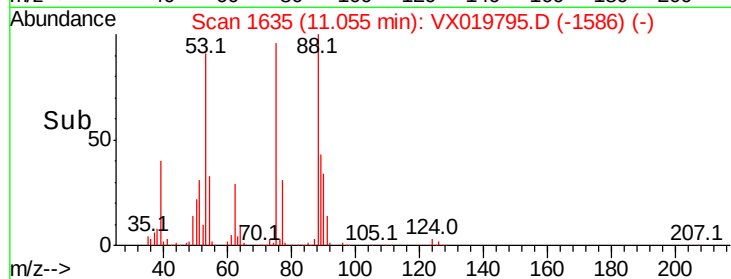
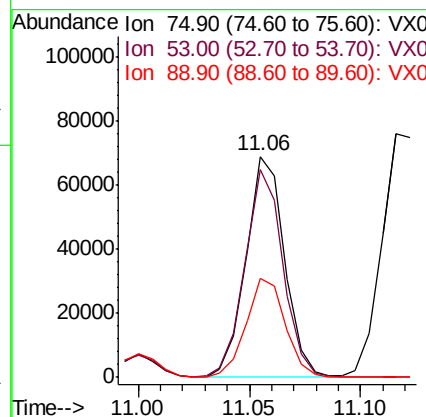
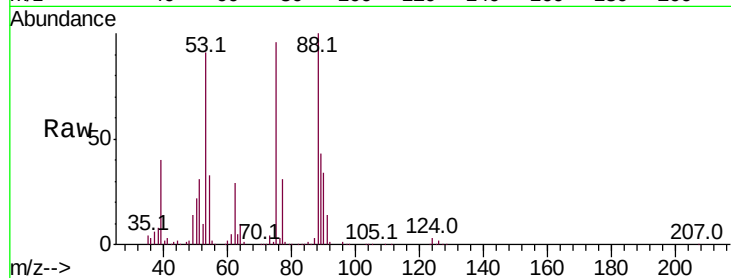




#81
trans-1,4-Dichloro-2-butene
Concen: 51.499 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

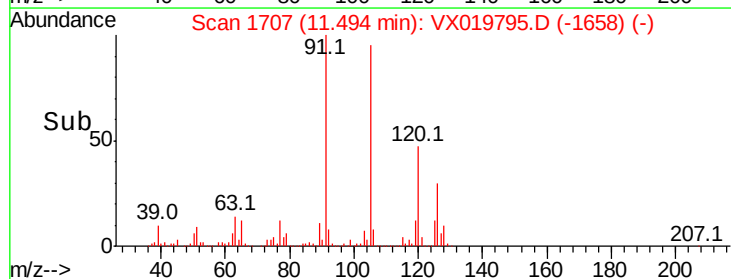
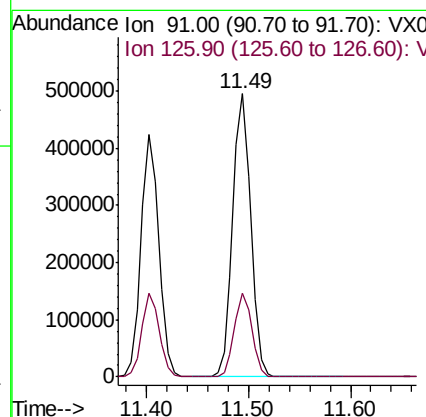
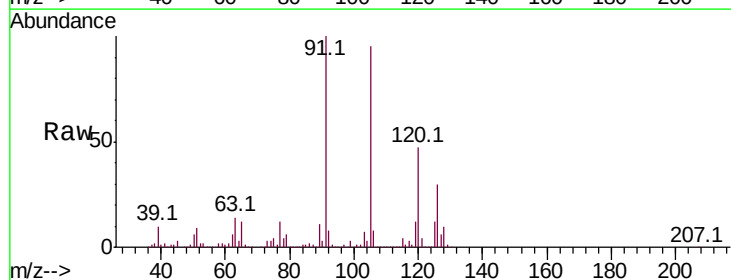
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

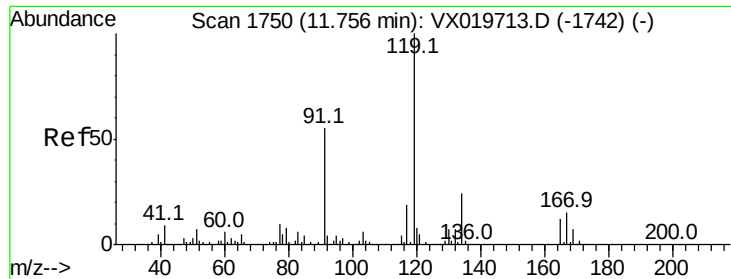
Tot Ion: 75 Resp: 83210
Ion Ratio Lower Upper
75 100
53 93.0 74.5 111.7
89 45.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.515 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 91 Resp: 603782
Ion Ratio Lower Upper
91 100
126 29.0 14.9 44.5

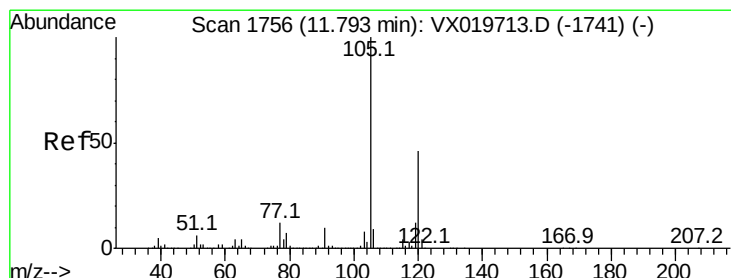
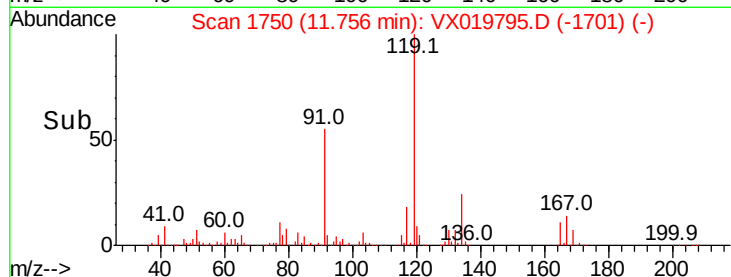
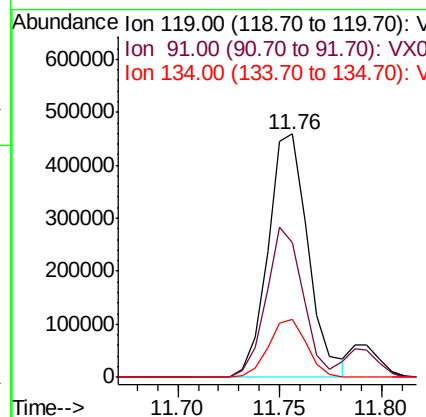
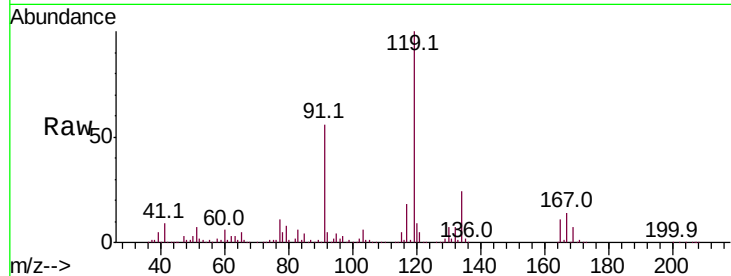




#83
 tert-Butylbenzene
 Concen: 53.388 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

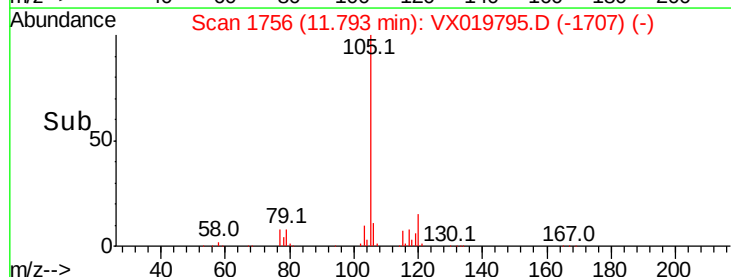
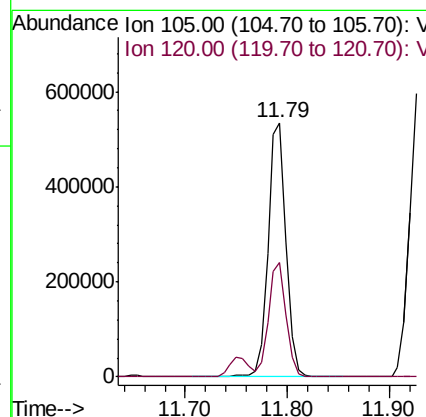
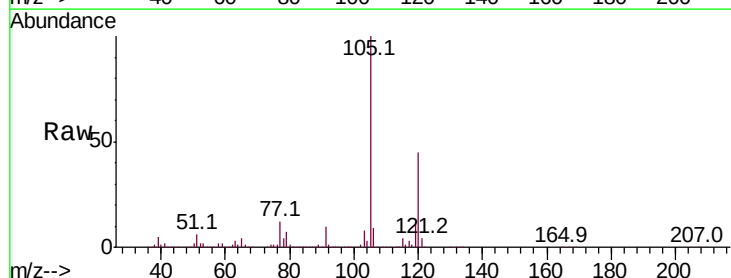
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

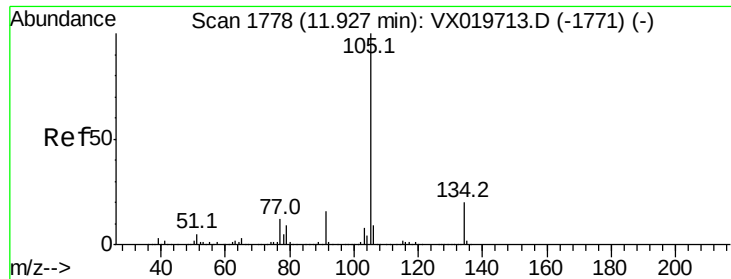
Tot Ion:119 Resp: 628743
 Ion Ratio Lower Upper
 119 100
 91 56.8 27.9 83.7
 134 22.8 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.919 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion:105 Resp: 652201
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3

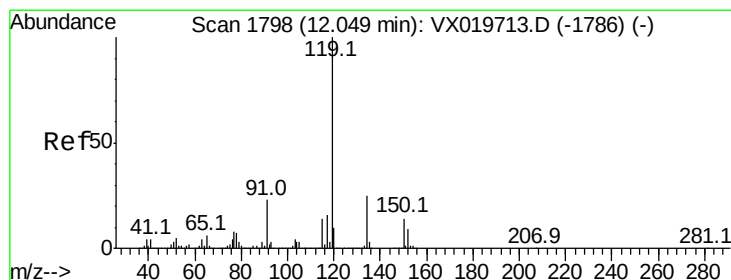
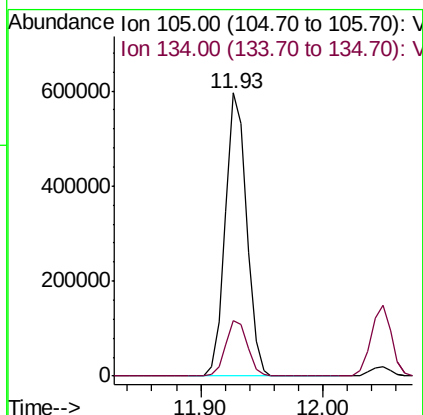
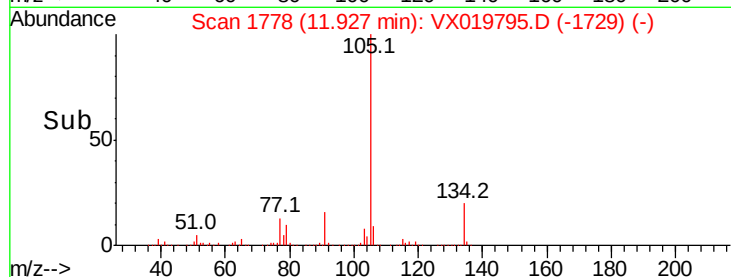
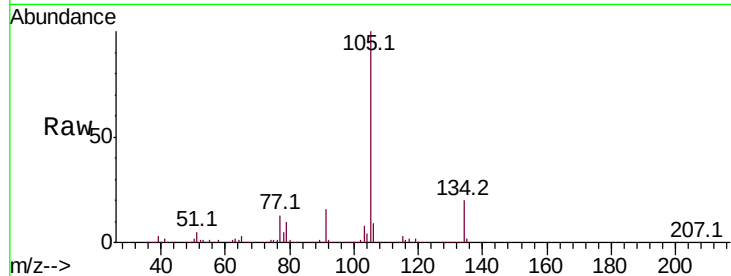




#85
 sec-Butylbenzene
 Concen: 53.291 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

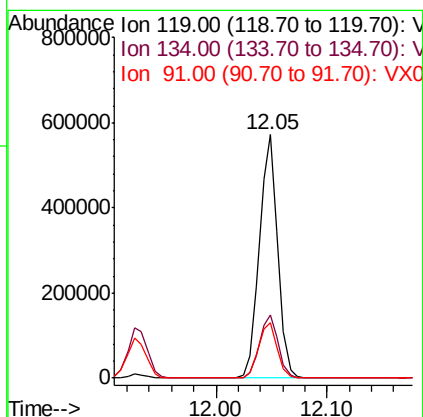
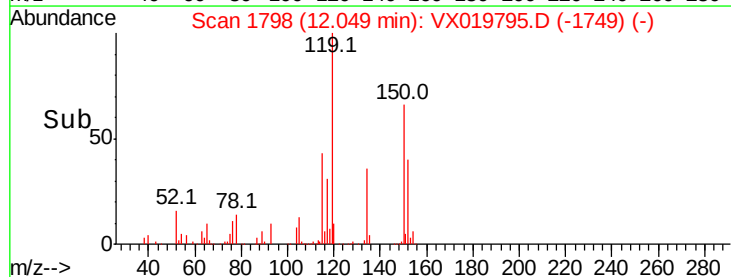
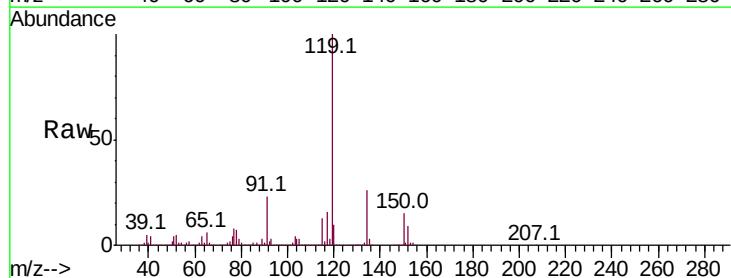
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

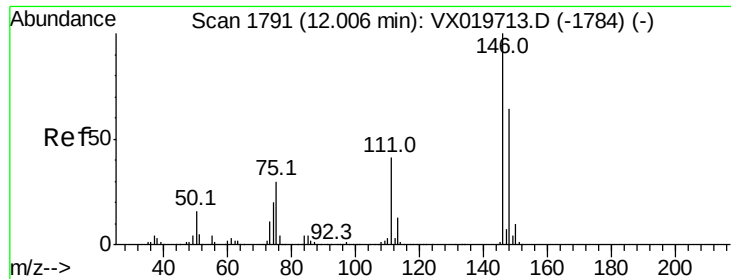
Tot Ion:105 Resp: 716543
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 53.306 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion:119 Resp: 656880
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 50.119 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

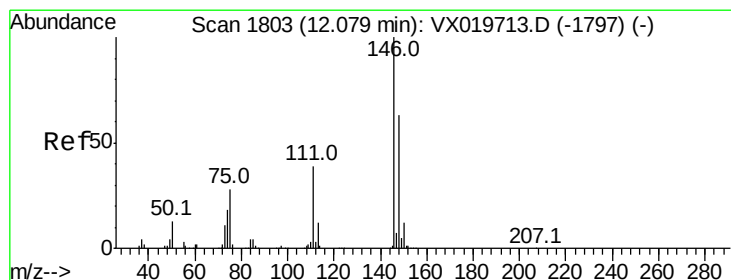
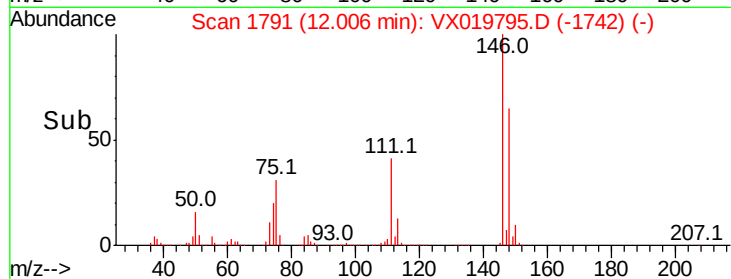
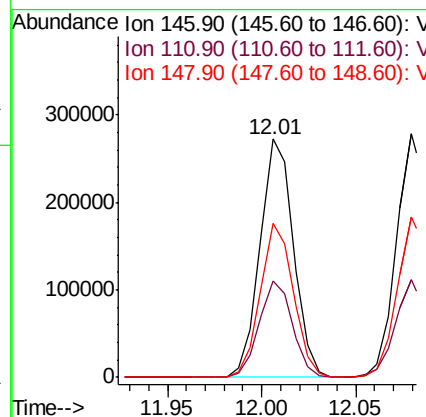
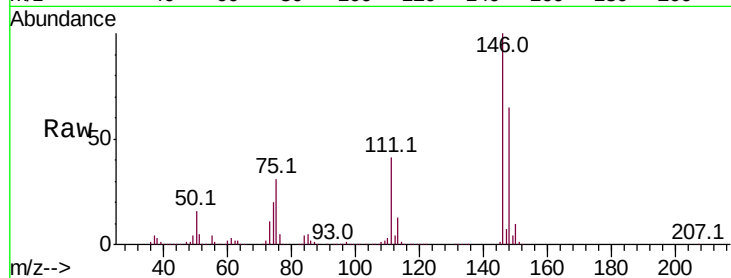
Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 334934

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.5
148	64.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 49.987 ug/l

RT: 12.08 min Scan# 1803

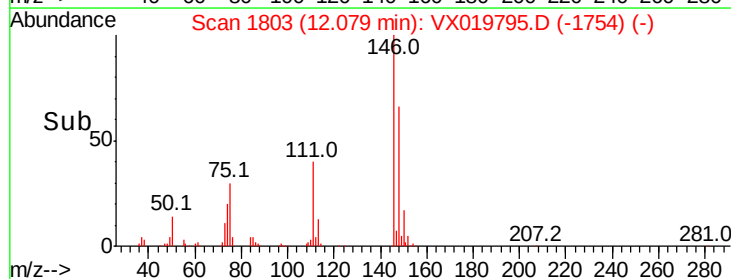
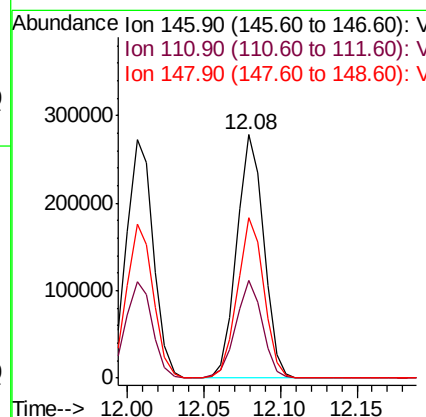
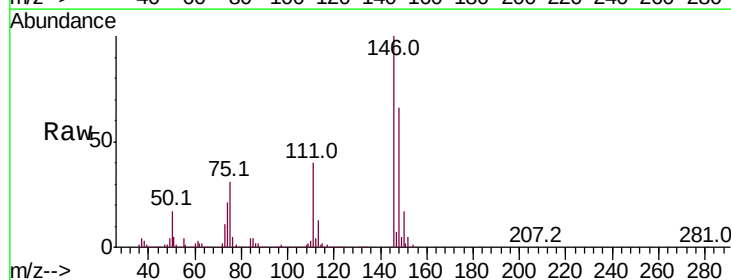
Delta R.T. 0.00 min

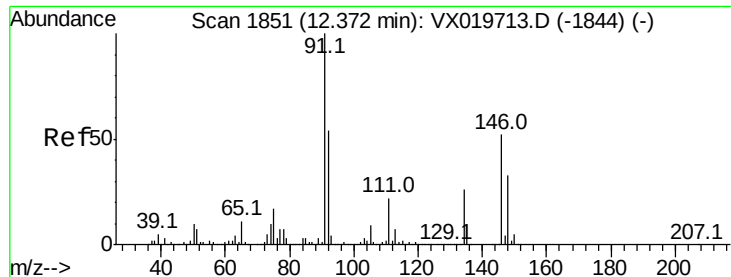
Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Tgt Ion:146 Resp: 340239

Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.8
148	64.8	31.6	95.0

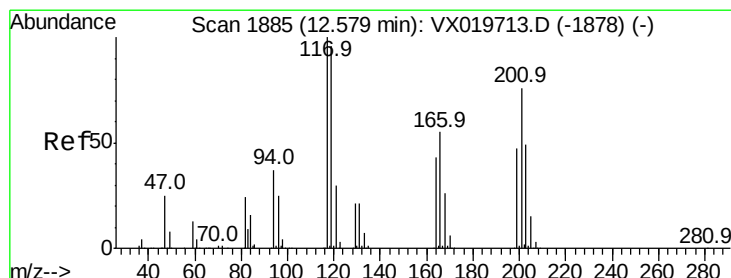
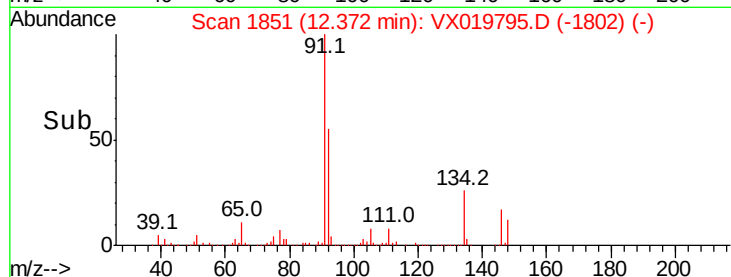
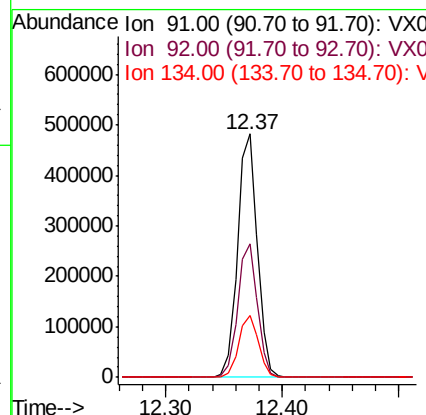
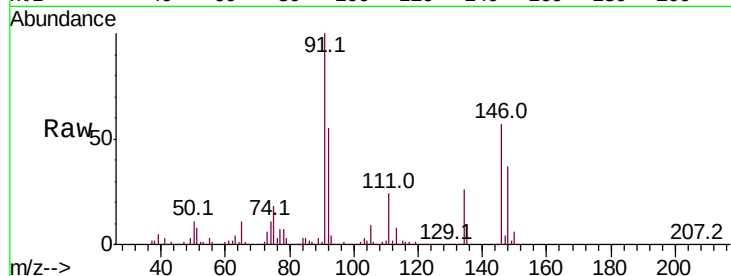




#89
n-Butylbenzene
Concen: 51.993 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

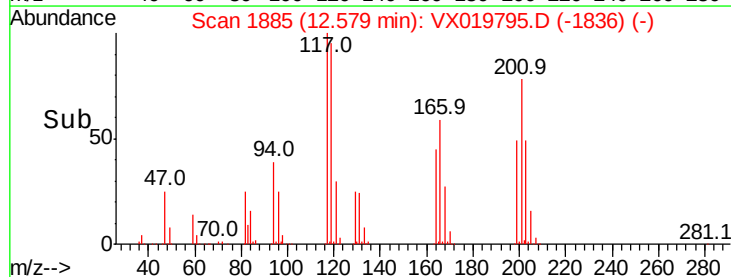
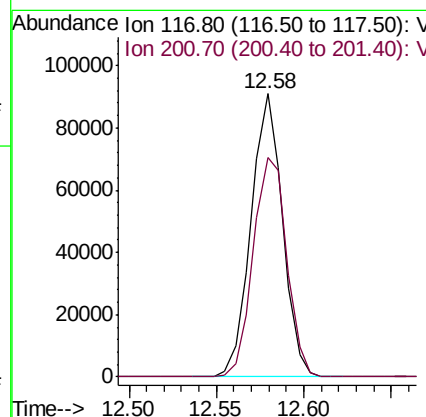
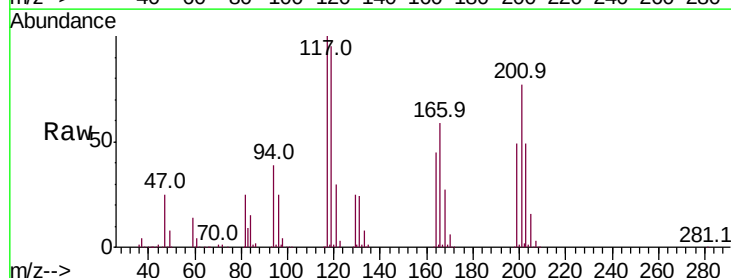
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

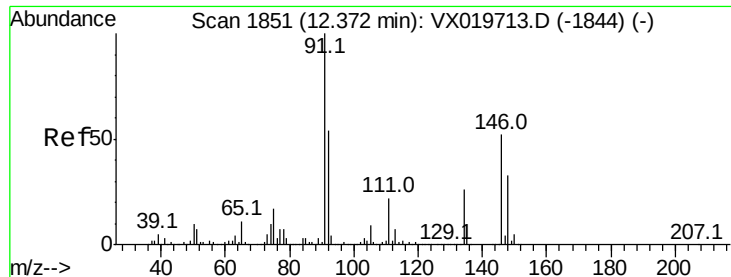
Tot Ion: 91 Resp: 567644
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.0
134 25.7 13.2 39.5



#90
Hexachloroethane
Concen: 53.416 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 117 Resp: 113643
Ion Ratio Lower Upper
117 100
201 82.8 40.4 121.2

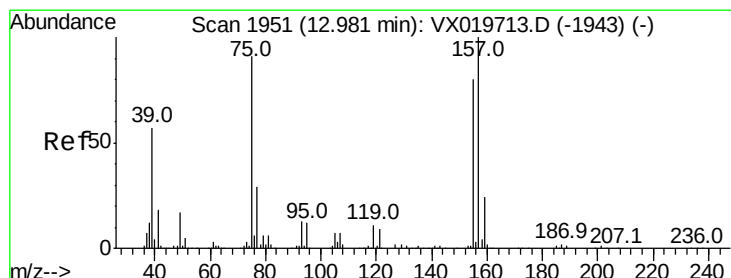
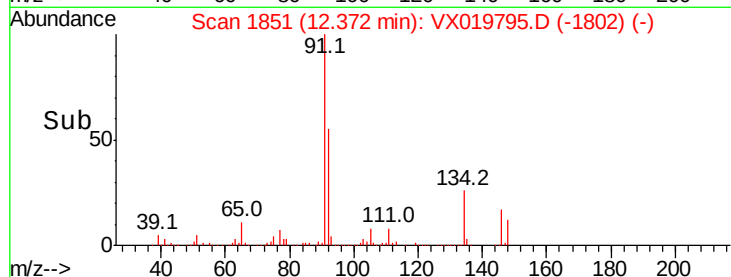
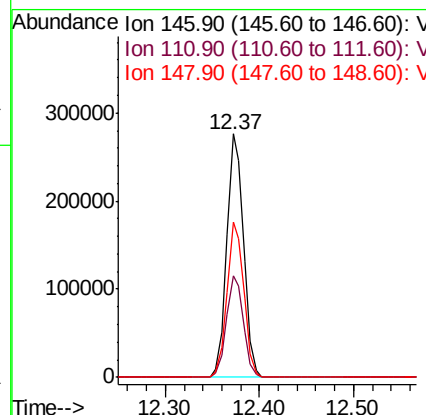
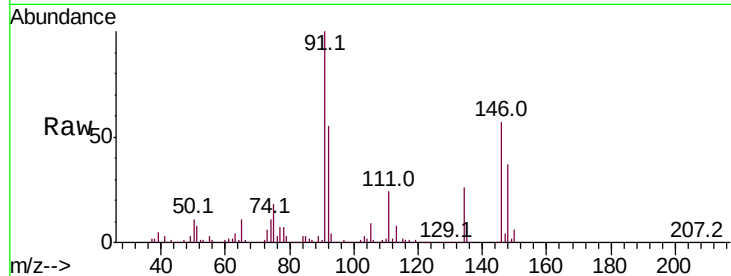




#91
 1,2-Dichlorobenzene
 Concen: 52.212 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

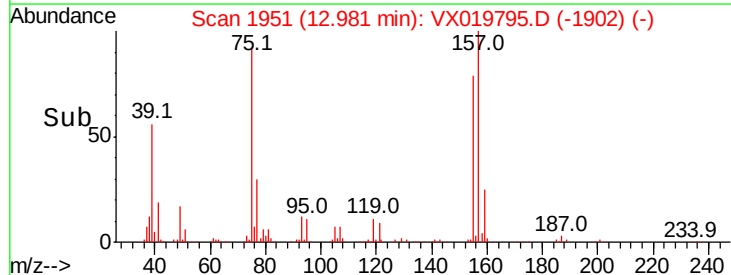
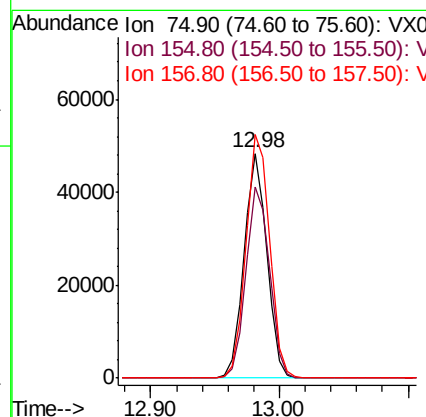
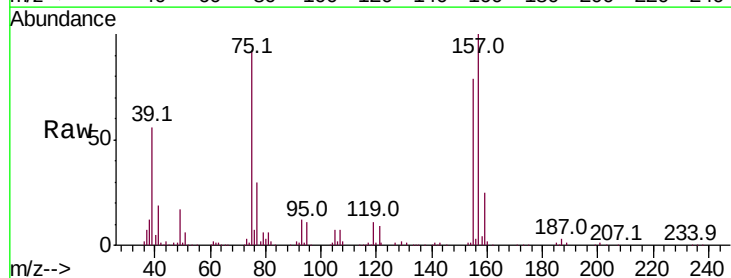
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

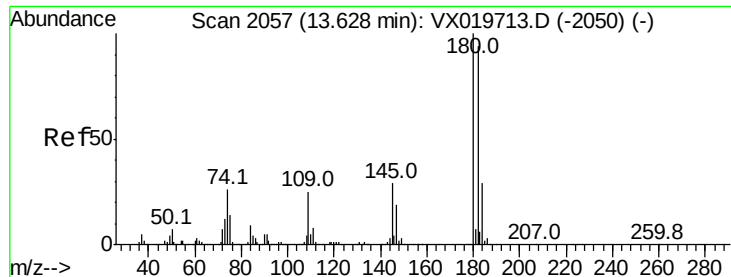
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.2
148	63.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.810 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	45.3	135.9
157	111.7	57.7	173.1

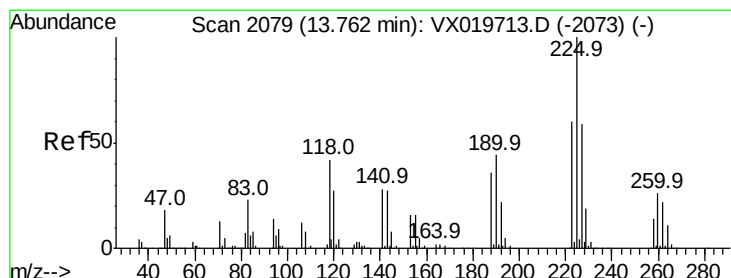
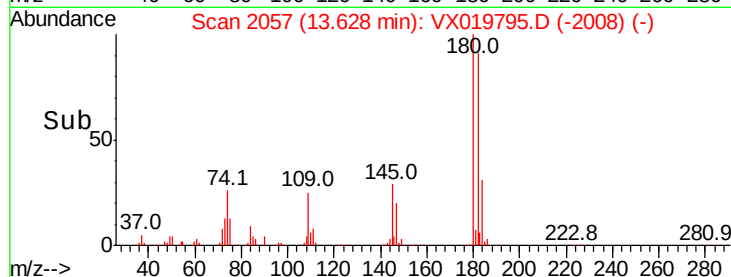
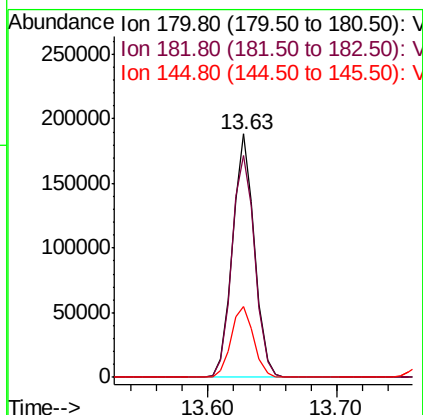
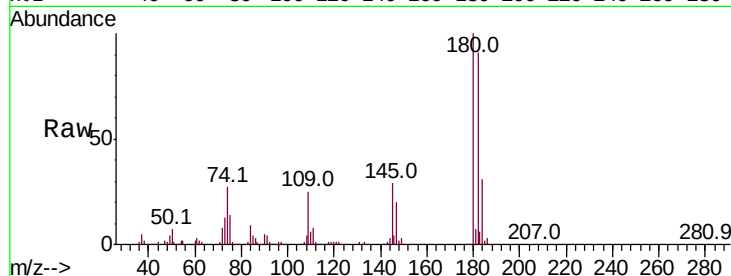




#93
 1,2,4-Trichlorobenzene
 Concen: 52.603 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

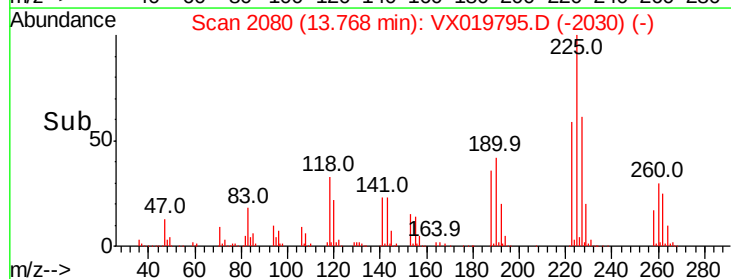
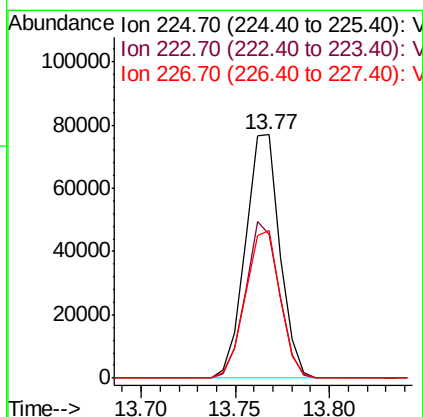
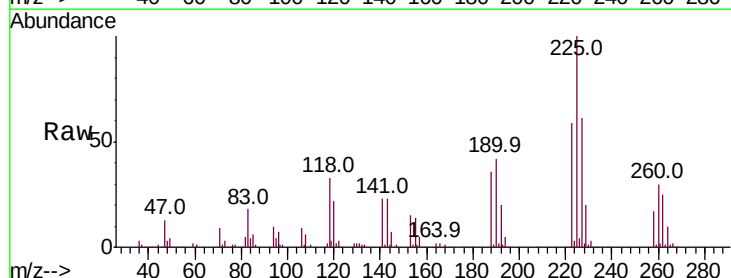
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

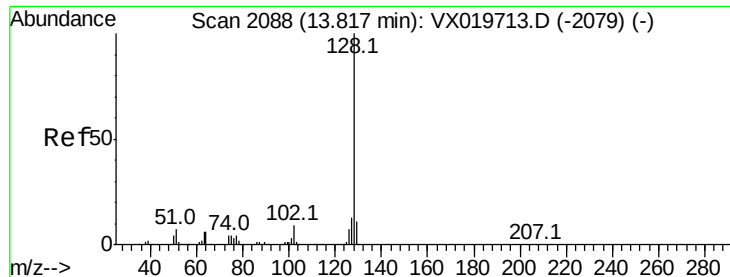
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.7	143.1
145	30.3	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 51.499 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.1	93.2
227	61.3	31.6	95.0





#95

Naphthalene

Concen: 55.438 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

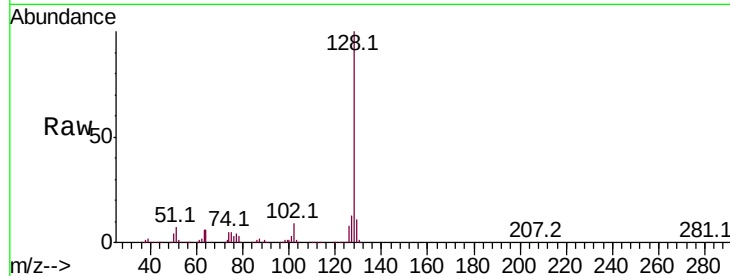
Tot Ion:128 Resp: 762182

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

13.82

800000

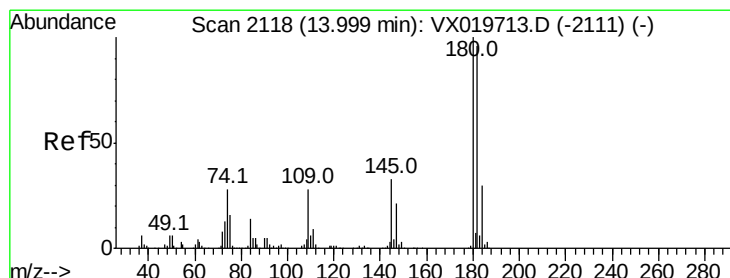
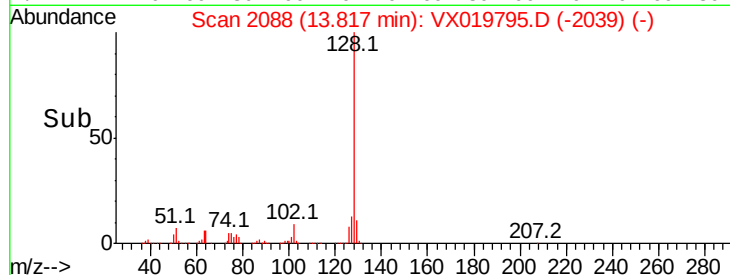
600000

400000

200000

0

Time--> 13.70 13.80 13.90 14.00



#96

1,2,3-Trichlorobenzene

Concen: 53.958 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

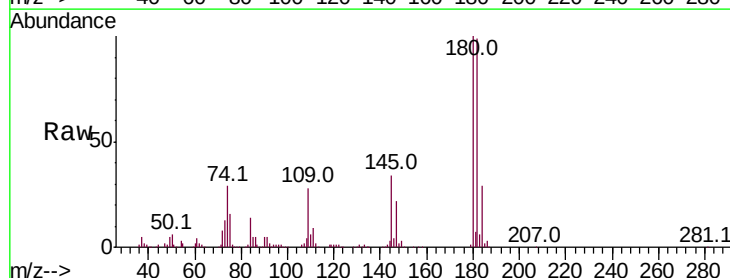
Tgt Ion:180 Resp: 223624

Ion Ratio Lower Upper

180 100

182 96.6 47.6 142.9

145 32.4 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

14.00

200000

150000

100000

50000

0

Time--> 13.90 14.00 14.10

