

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX121420\
 Data File : VX020000.D
 Acq On : 14 Dec 2020 20:31
 Operator : JC/MD
 Sample : L5052-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

Quant Time: Dec 15 00:26:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	222833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	403968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	375937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171832	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	160109	54.67	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.34%	
35) Dibromofluoromethane		5.46	113	129031	49.42	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.84%	
50) Toluene-d8		8.70	98	486523	48.81	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.62%	
62) 4-Bromofluorobenzene		11.12	95	185082	48.79	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	105835	51.877	ug/l	100
3) Chloromethane	1.31	50	124779	52.006	ug/l	99
4) Vinyl Chloride	1.39	62	393495	155.541	ug/l	100
5) Bromomethane	1.62	94	26238	31.235	ug/l	97
6) Chloroethane	1.70	64	123304	81.136	ug/l	98
7) Trichlorofluoromethane	1.91	101	193108	54.810	ug/l	94
8) Diethyl Ether	2.17	74	85264	57.108	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	100937	49.982	ug/l	98
10) Methyl Iodide	2.49	142	100545	33.778	ug/l	100
11) Tert butyl alcohol	3.02	59	247849	413.354	ug/l	99
12) 1,1-Dichloroethene	2.35	96	137542	67.369	ug/l	94
13) Acrolein	2.27	56	72529	224.360	ug/l	99
14) Allyl chloride	2.70	41	193565	56.136	ug/l #	56
15) Acrylonitrile	3.12	53	471128	355.843	ug/l	100
16) Acetone	2.42	43	445569	404.762	ug/l	100
17) Carbon Disulfide	2.54	76	298431	50.943	ug/l	99
18) Methyl Acetate	2.75	43	353238	131.130	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	453902	61.047	ug/l	99
20) Methylene Chloride	2.83	84	149021	59.569	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	880529	369.932	ug/l	99
22) Diisopropyl ether	3.82	45	433631	62.199	ug/l	94
23) Vinyl Acetate	3.78	43	1845695	310.749	ug/l	100
24) 1,1-Dichloroethane	3.67	63	250097	59.489	ug/l	100
25) 2-Butanone	4.64	43	677915	400.773	ug/l	100
26) 2,2-Dichloropropane	4.55	77	82555	22.803	ug/l #	1
27) cis-1,2-Dichloroethene	4.56	96	9029128	3241.465	ug/l	89
28) Bromochloromethane	4.98	49	113500	56.633	ug/l	97
29) Tetrahydrofuran	5.09	42	400609	367.591	ug/l	98
30) Chloroform	5.18	83	256251	59.279	ug/l	98
31) Cyclohexane	5.54	56	173244	47.555	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	214218	57.544	ug/l	99
36) 1,1-Dichloropropene	5.77	75	177195	48.541	ug/l	99
37) Ethyl Acetate	4.79	43	216637	58.778	ug/l #	79
38) Carbon Tetrachloride	5.75	117	176619	49.409	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
 Data File : VX020000.D
 Acq On : 14 Dec 2020 20:31
 Operator : JC/MD
 Sample : L5052-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

Quant Time: Dec 15 00:26:45 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)
39) Methylcyclohexane	7.44	83	128199	29.892	ug/l	99
40) Benzene	6.11	78	578092	51.843	ug/l	100
41) Methacrylonitrile	5.00	41	119188	58.899	ug/l	99
42) 1,2-Dichloroethane	6.16	62	201632	52.923	ug/l	100
43) Isopropyl Acetate	6.41	43	334857	55.883	ug/l	99
44) Trichloroethene	7.18	130	243530	83.238	ug/l	99
45) 1,2-Dichloropropane	7.49	63	149527	53.653	ug/l	99
46) Dibromomethane	7.63	93	100503	53.401	ug/l	99
47) Bromodichloromethane	7.87	83	202284	54.165	ug/l	100
48) Methyl methacrylate	7.74	41	170045	57.701	ug/l	98
49) 1,4-Dioxane	7.71	88	103334	1447.451	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1154895	315.682	ug/l	100
52) Toluene	8.76	92	359297	51.518	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	193509	46.694	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	203950	45.299	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	157305	55.970	ug/l	99
56) Ethyl methacrylate	9.16	69	238254	56.031	ug/l	99
57) 1,3-Dichloropropane	9.35	76	257888	53.738	ug/l	100
59) 2-Hexanone	9.47	43	916698	323.264	ug/l	100
60) Dibromochloromethane	9.56	129	157806	55.265	ug/l	99
61) 1,2-Dibromoethane	9.65	107	160515	53.785	ug/l	100
64) Tetrachloroethene	9.32	164	103596	41.092	ug/l	96
65) Chlorobenzene	10.12	112	374655	50.023	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	142979	53.039	ug/l	99
67) Ethyl Benzene	10.23	91	648865	48.807	ug/l	99
68) m/p-Xylenes	10.34	106	475606	94.939	ug/l	98
69) o-Xylene	10.68	106	235202	48.808	ug/l	100
70) Styrene	10.70	104	419821	51.614	ug/l	99
71) Bromoform	10.84	173	121429	57.259	ug/l	99
73) Isopropylbenzene	11.00	105	566585	48.263	ug/l	100
74) N-amyl acetate	10.88	43	317012	67.385	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	268447	64.860	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	275637	71.522	ug/l	89
77) Bromobenzene	11.24	156	161688	53.820	ug/l	98
78) n-propylbenzene	11.34	91	618186	46.105	ug/l	99
79) 2-Chlorotoluene	11.40	91	412912	50.007	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	455942	46.019	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	60462	45.353	ug/l	99
82) 4-Chlorotoluene	11.49	91	493281	51.009	ug/l	98
83) tert-Butylbenzene	11.76	119	435525	44.820	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	479160	48.011	ug/l	99
85) sec-Butylbenzene	11.93	105	404785	36.486	ug/l	99
86) p-Isopropyltoluene	12.05	119	373488	36.733	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	269177	48.817	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	277582	49.426	ug/l	100
89) n-Butylbenzene	12.37	91	274929	30.520	ug/l	100
90) Hexachloroethane	12.58	117	66405	37.829	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	283226	52.692	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62590	70.345	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	133194	38.067	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX020000.D
Acq On : 14 Dec 2020 20:31
Operator : JC/MD
Sample : L5052-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

Quant Time: Dec 15 00:26:45 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

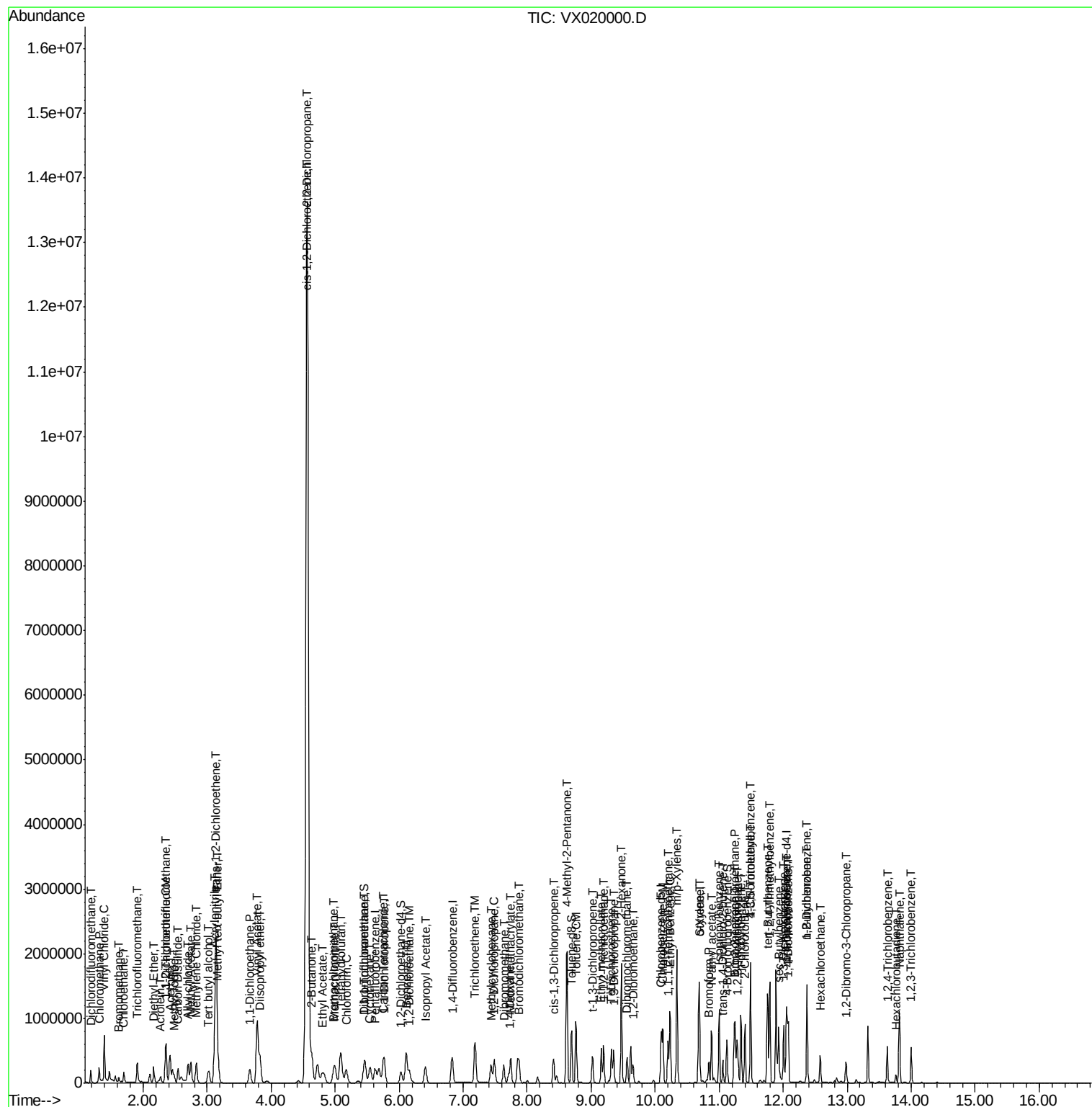
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	18085	11.564	ug/l	96
95) Naphthalene	13.82	128	671359	59.184	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	136339	39.871	ug/l	100

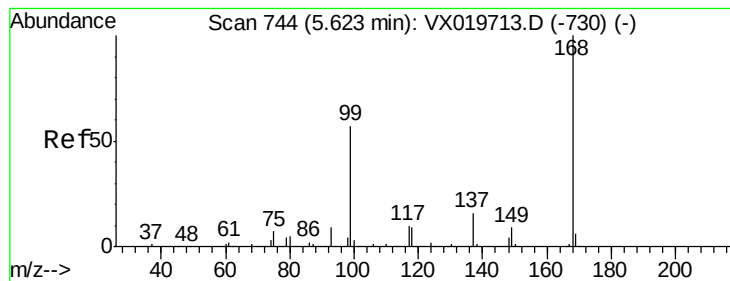
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX020000.D
Acq On : 14 Dec 2020 20:31
Operator : JC/MD
Sample : L5052-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

Quant Time: Dec 15 00:26:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

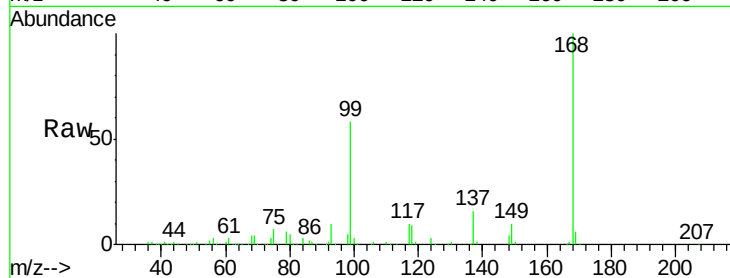
TU032-32-5229-121020MS

Tgt Ion:168 Resp: 222833

Ion Ratio Lower Upper

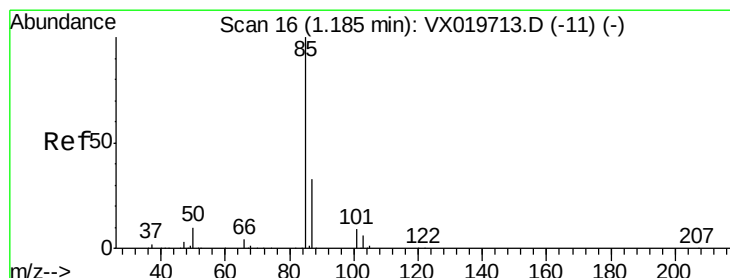
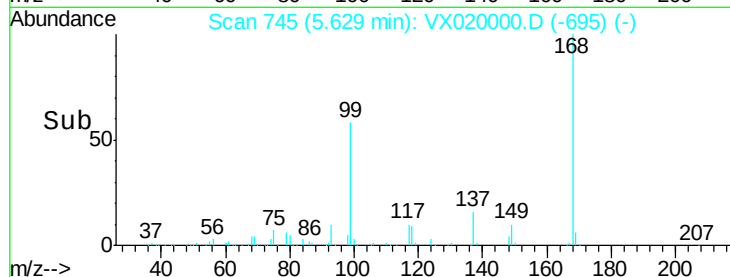
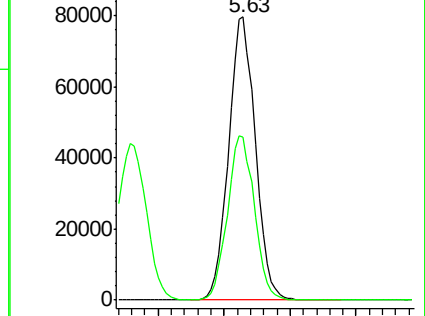
168 100

99 57.4 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: 51.877 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX020000.D

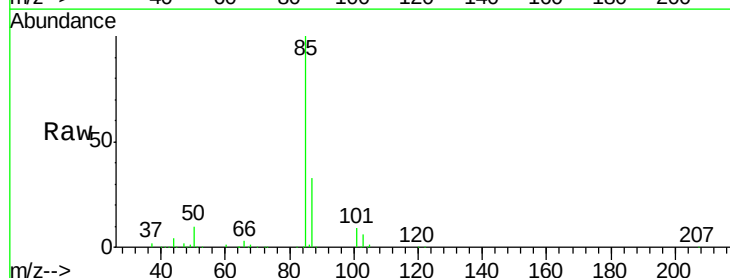
Acq: 14 Dec 2020 20:31

Tgt Ion: 85 Resp: 105835

Ion Ratio Lower Upper

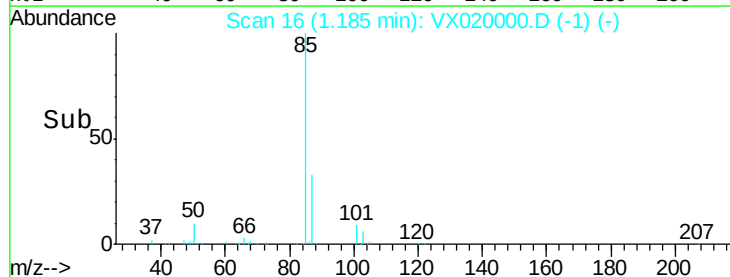
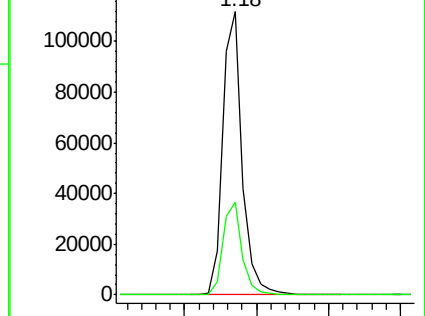
85 100

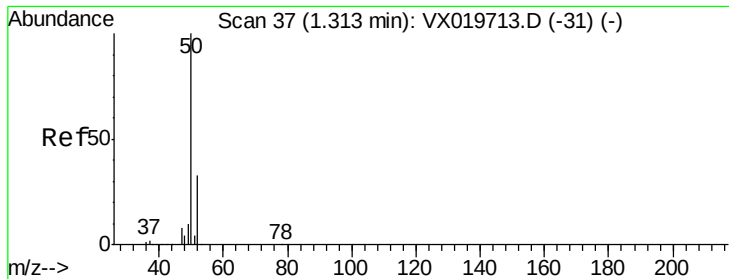
87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.006 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

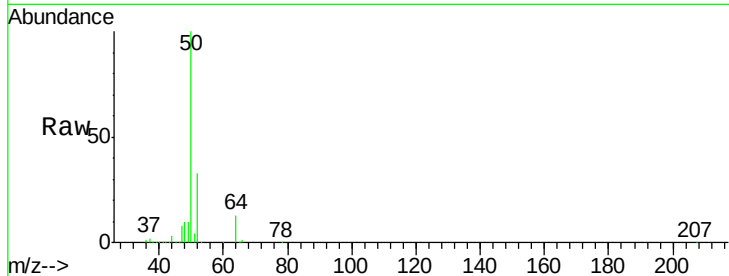
TU032-32-5229-121020MS

Tgt Ion: 50 Resp: 124779

Ion Ratio Lower Upper

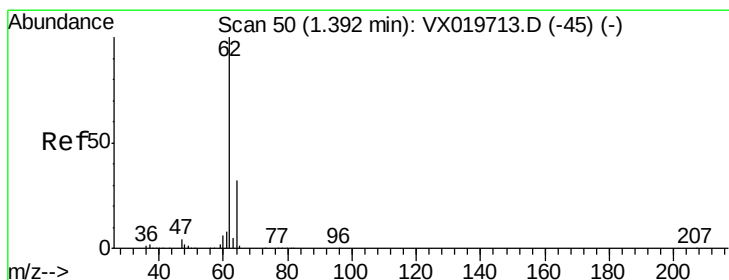
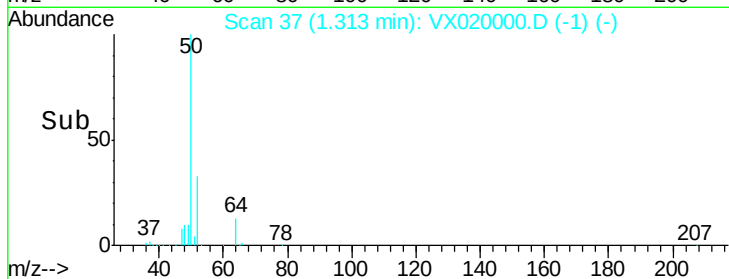
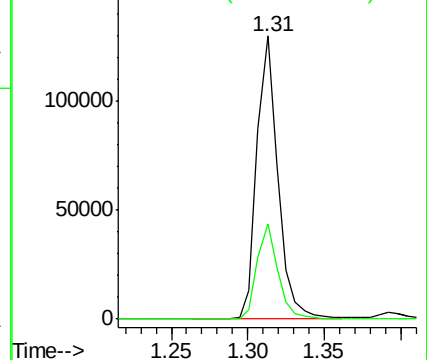
50 100

52 33.5 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 155.541 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX020000.D

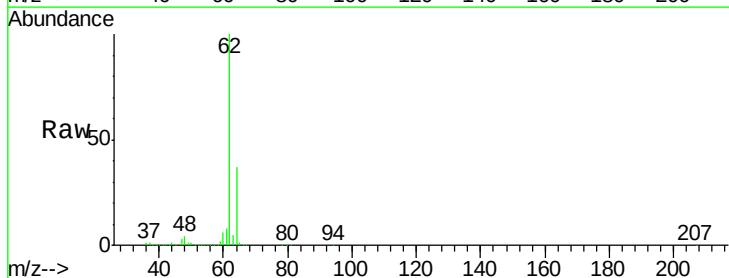
Acq: 14 Dec 2020 20:31

Tgt Ion: 62 Resp: 393495

Ion Ratio Lower Upper

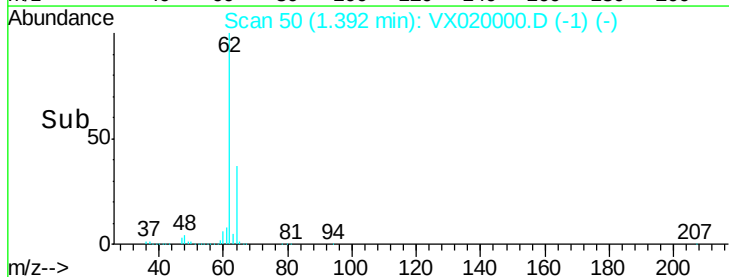
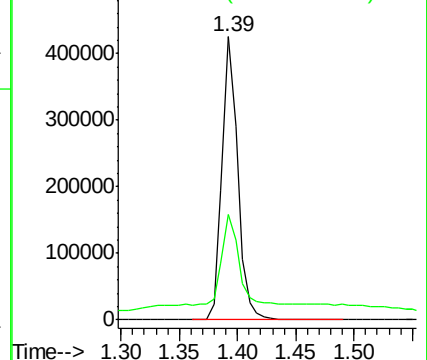
62 100

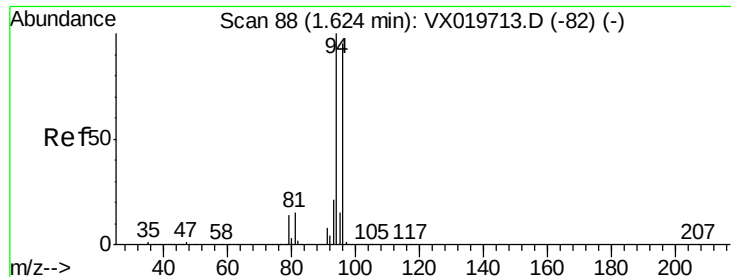
64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 31.235 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

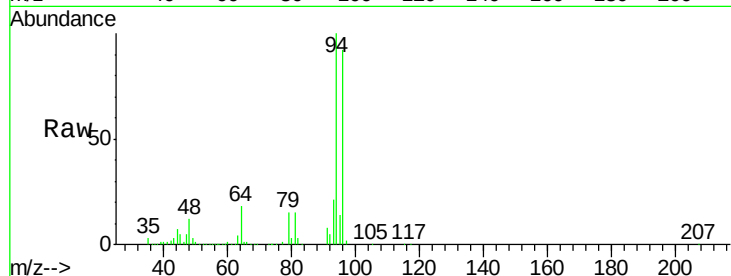
TU032-32-5229-121020MS

Tgt Ion: 94 Resp: 26238

Ion Ratio Lower Upper

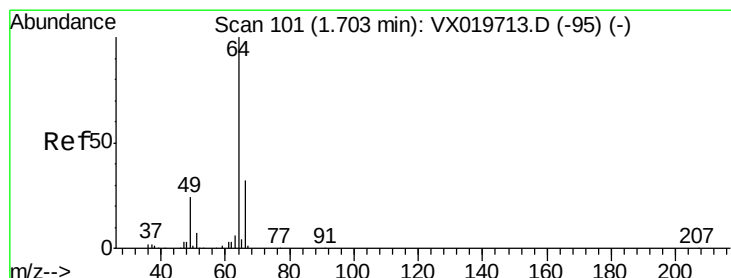
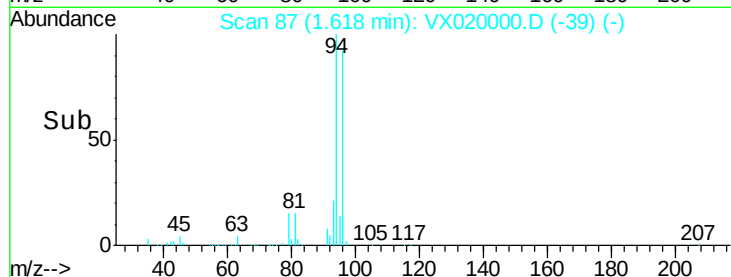
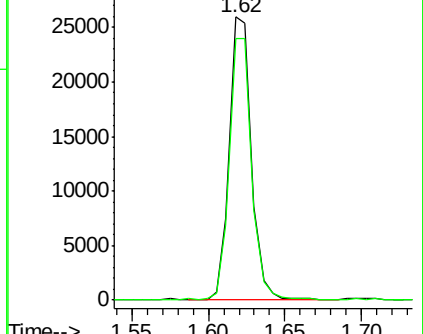
94 100

96 92.4 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: 81.136 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX020000.D

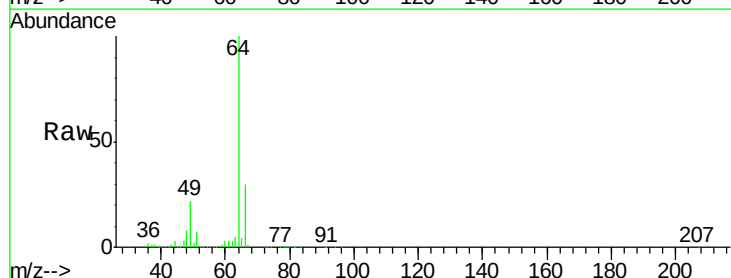
Acq: 14 Dec 2020 20:31

Tgt Ion: 64 Resp: 123304

Ion Ratio Lower Upper

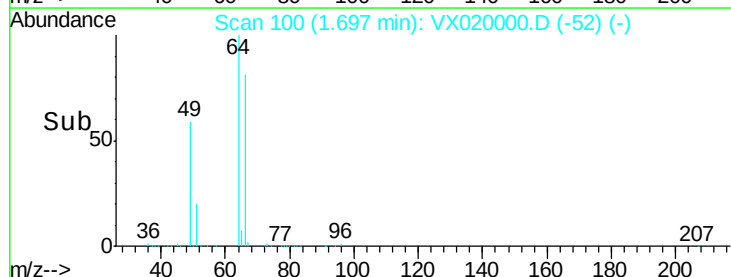
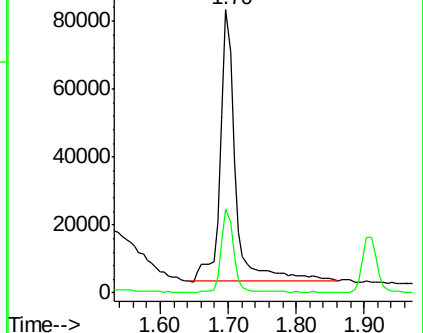
64 100

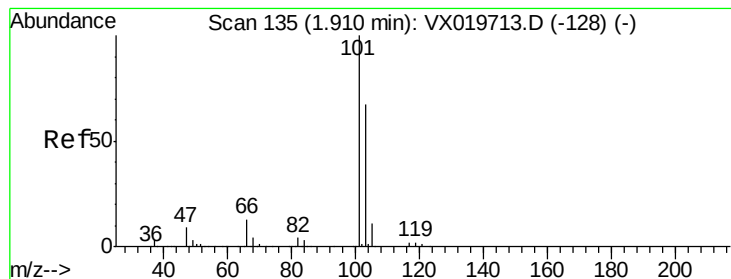
66 30.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



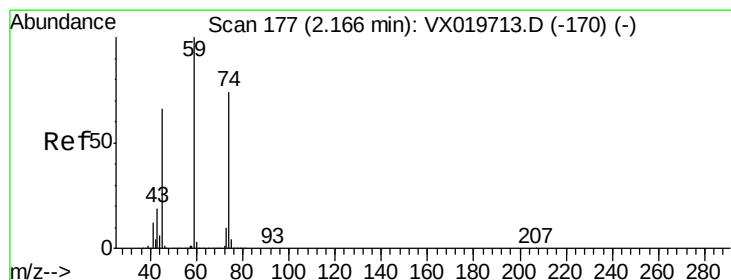
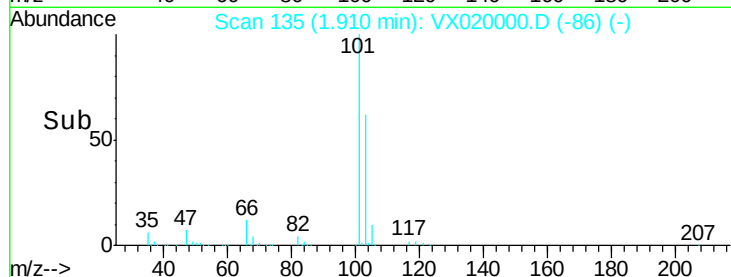
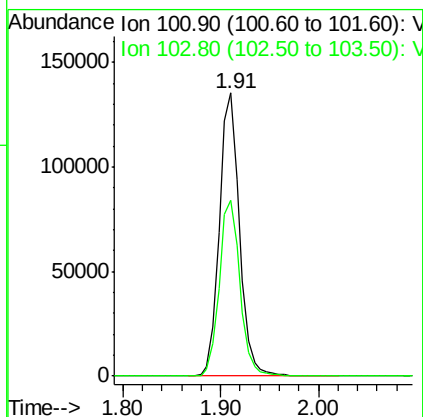
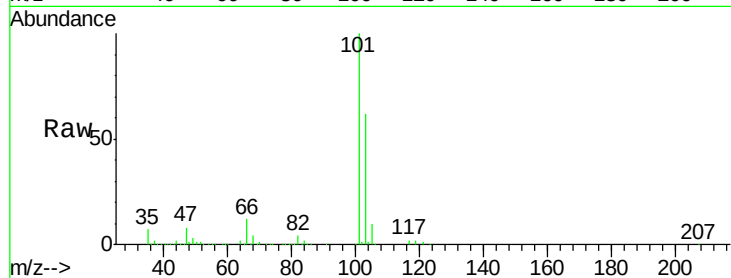


#7

Trichlorofluoromethane
 Concen: 54.810 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

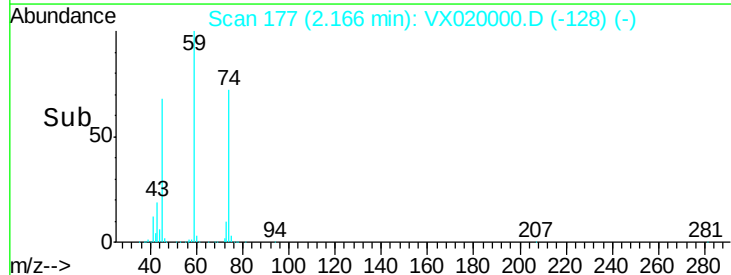
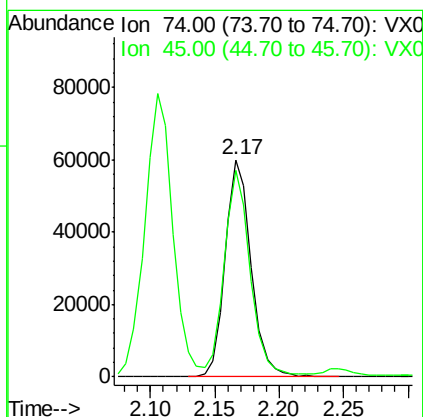
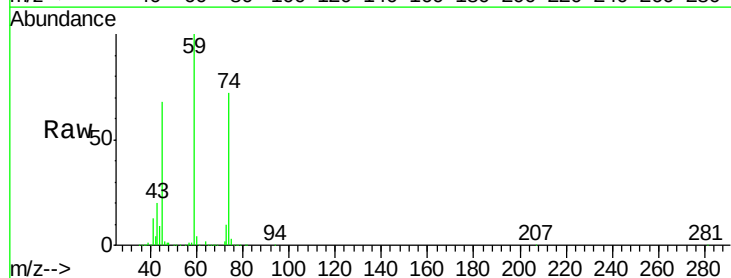
Tgt Ion: 101 Resp: 193108
 Ion Ratio Lower Upper
 101 100
 103 62.0 53.2 79.8

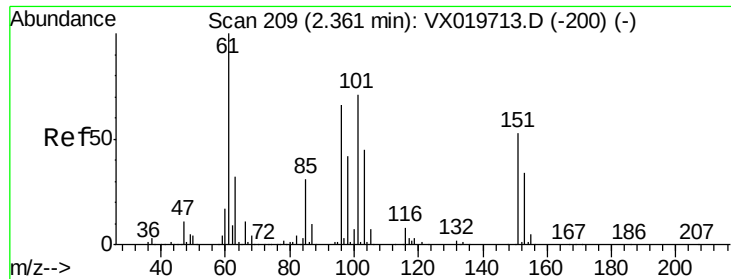


#8

Diethyl Ether
 Concen: 57.108 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion: 74 Resp: 85264
 Ion Ratio Lower Upper
 74 100
 45 94.2 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.982 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

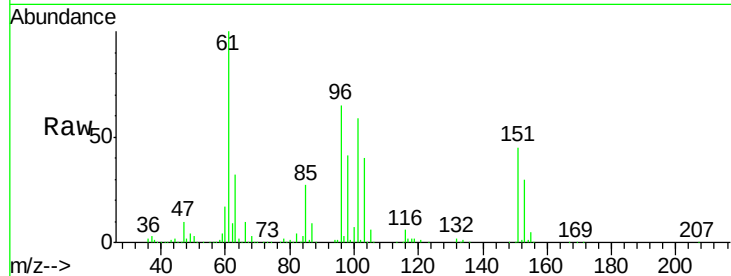
Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS

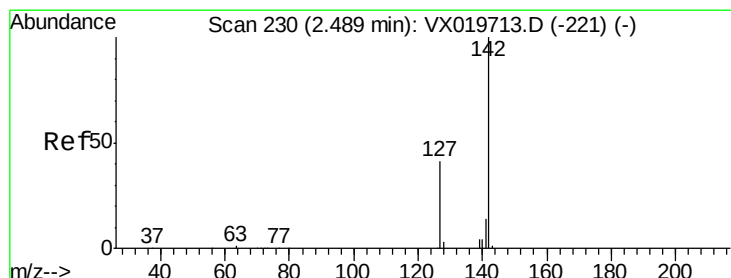
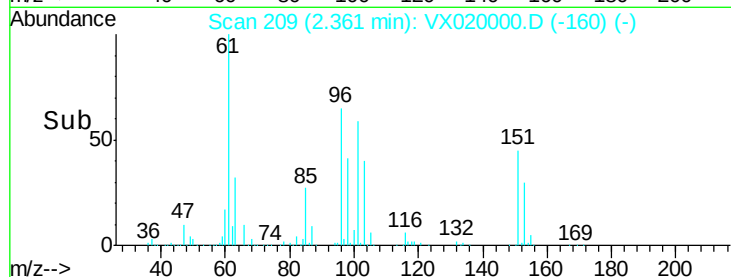
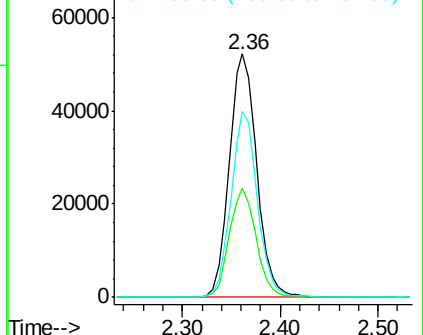
Tgt Ion:	101	Resp:	100937
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.9	52.3
151	73.9	61.4	92.2



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: 33.778 ug/l

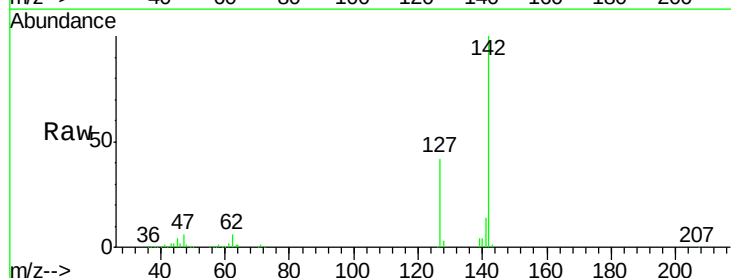
RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

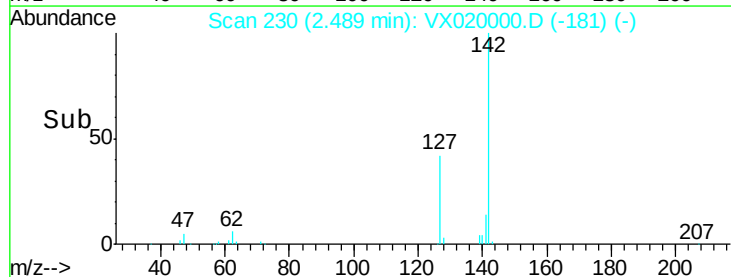
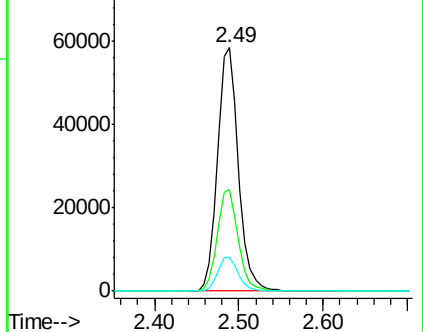
Tgt Ion:	142	Resp:	100545
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.3	49.9
141	14.0	11.4	17.0

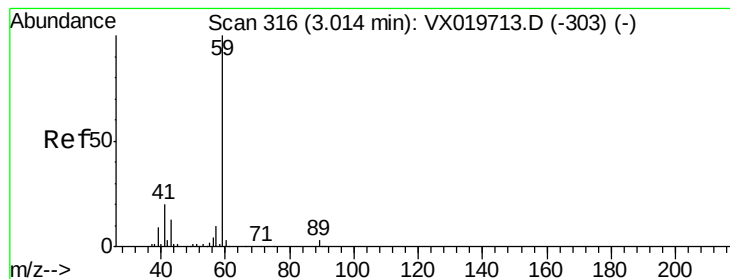


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



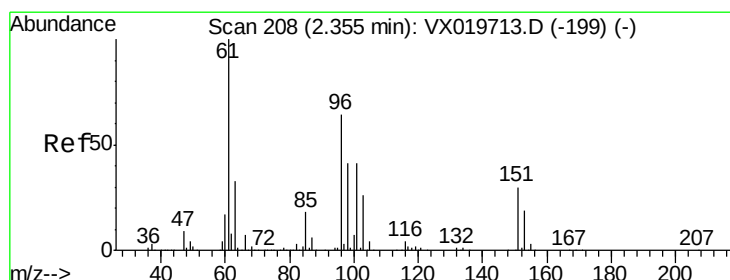
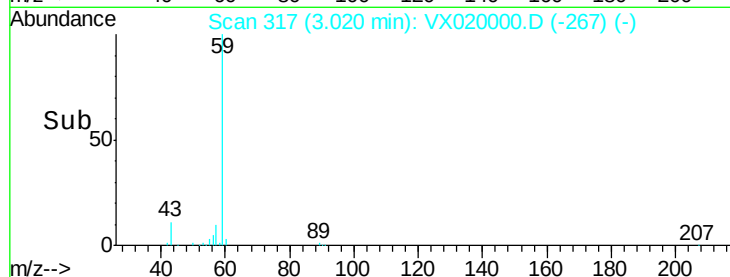
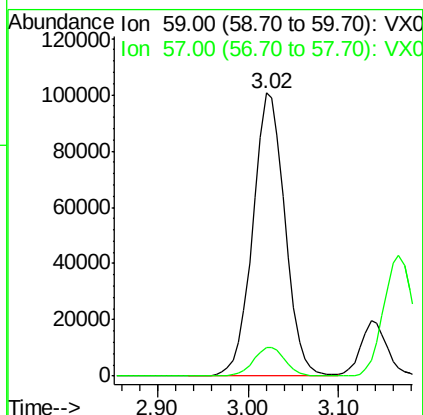
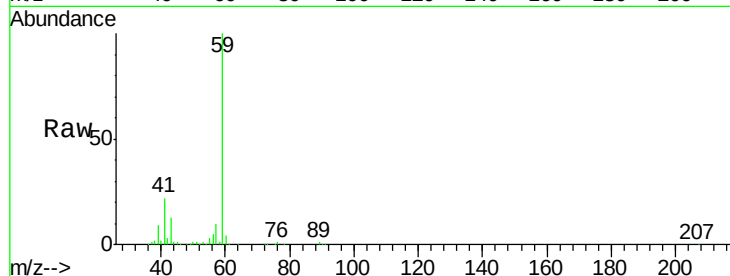


#11

Tert butyl alcohol
 Concen: 413.354 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

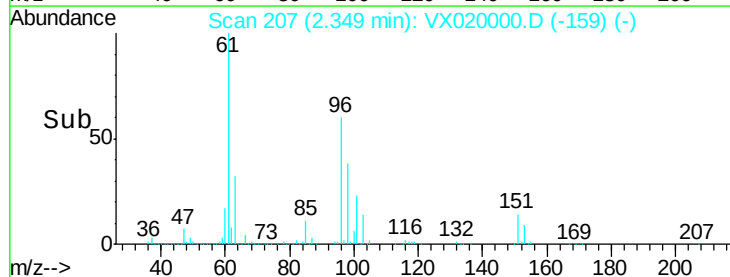
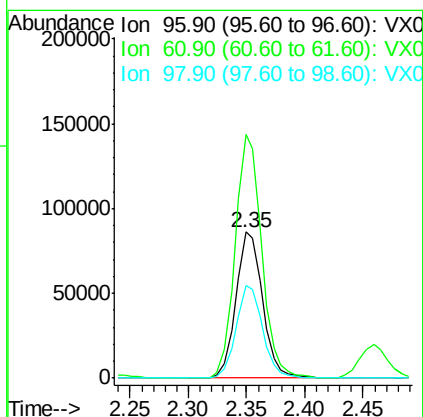
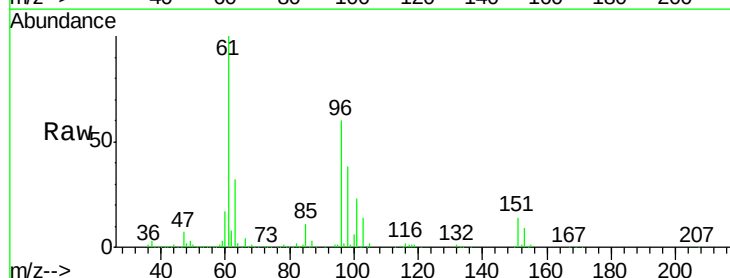
Tgt Ion: 59 Resp: 247849
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.8 11.8

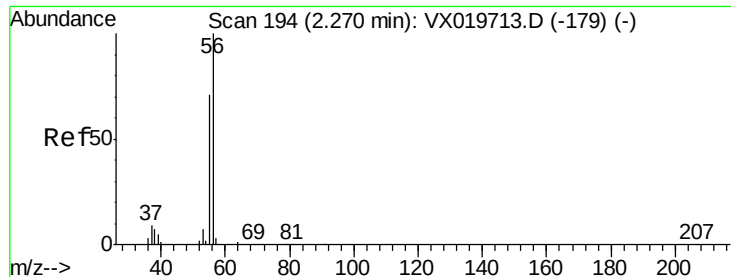


#12

1,1-Dichloroethene
 Concen: 67.369 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion: 96 Resp: 137542
 Ion Ratio Lower Upper
 96 100
 61 166.5 124.6 187.0
 98 63.3 50.6 76.0

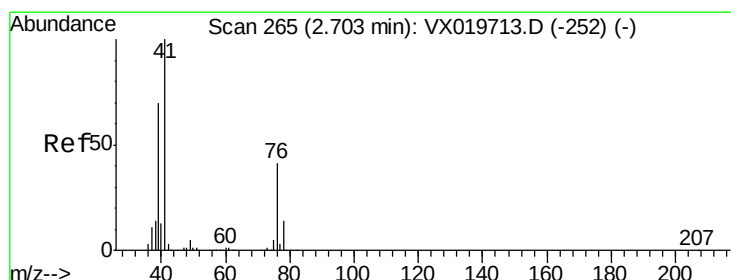
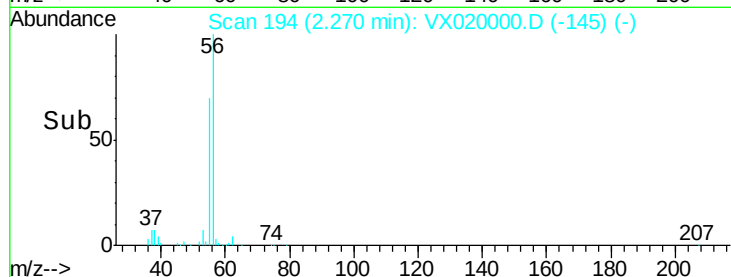
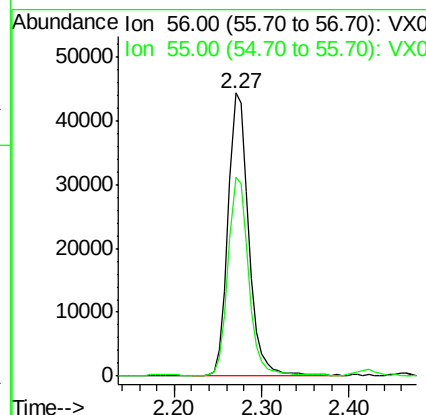
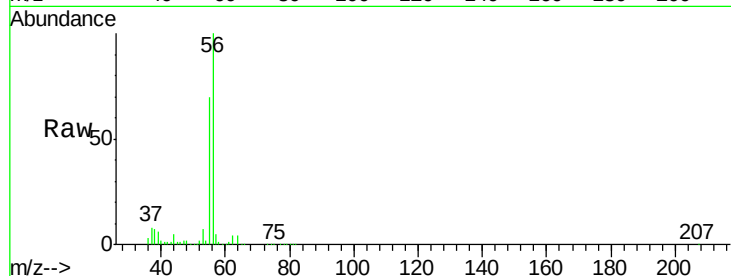




#13
Acrolein
Concen: 224.360 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

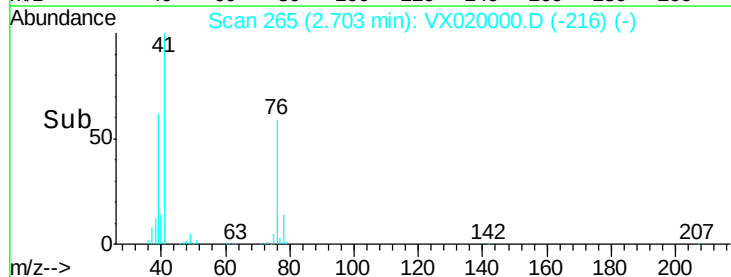
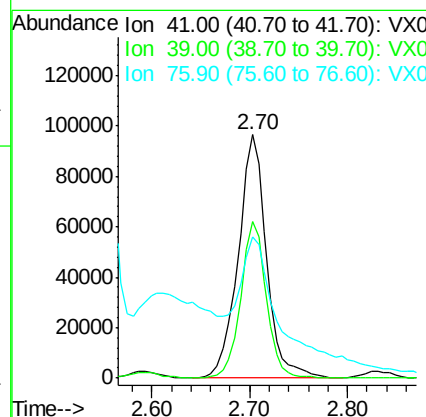
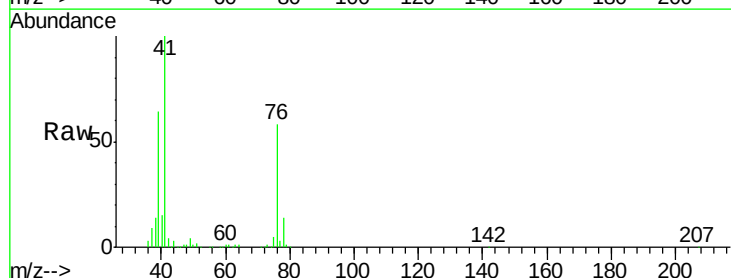
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

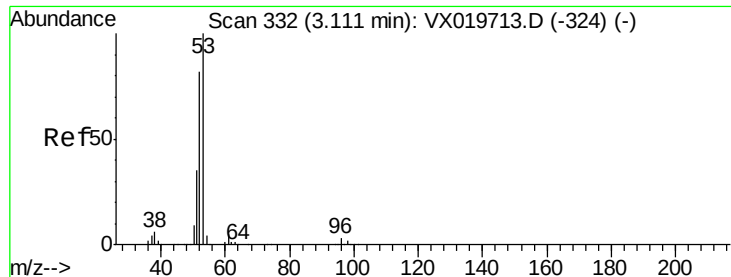
Tgt Ion: 56 Resp: 72529
Ion Ratio Lower Upper
56 100
55 69.4 56.4 84.6



#14
Allyl chloride
Concen: 56.136 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Tgt Ion: 41 Resp: 193565
Ion Ratio Lower Upper
41 100
39 57.7 51.6 77.4
76 100.9 30.5 45.7#





#15

Acrylonitrile

Concen: 355.843 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS

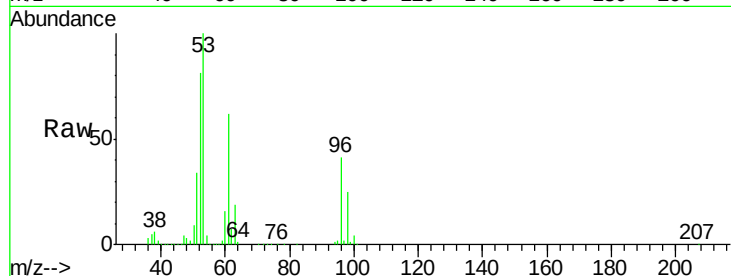
Tgt Ion: 53 Resp: 471128

Ion Ratio Lower Upper

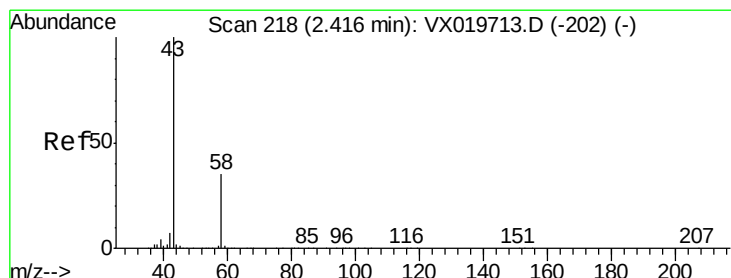
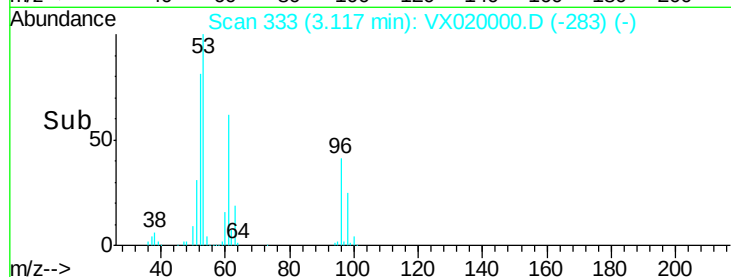
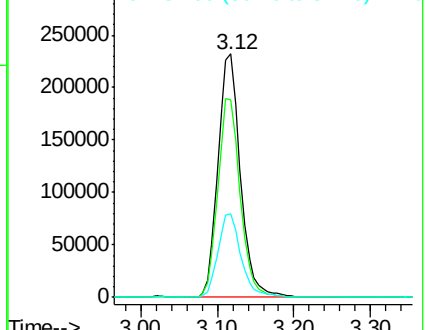
53 100

52 81.5 65.3 97.9

51 35.4 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 404.762 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX020000.D

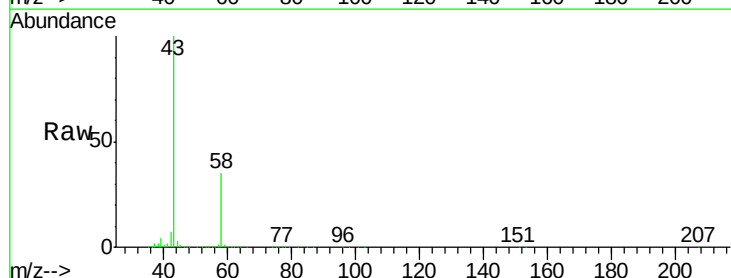
Acq: 14 Dec 2020 20:31

Tgt Ion: 43 Resp: 445569

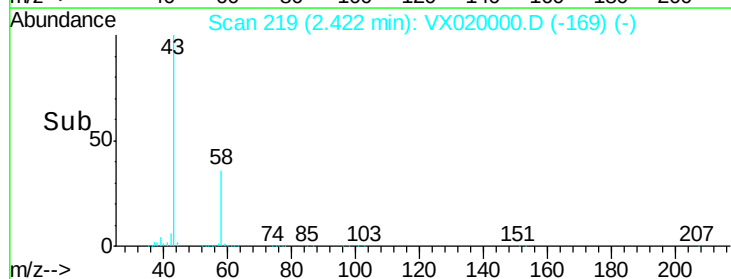
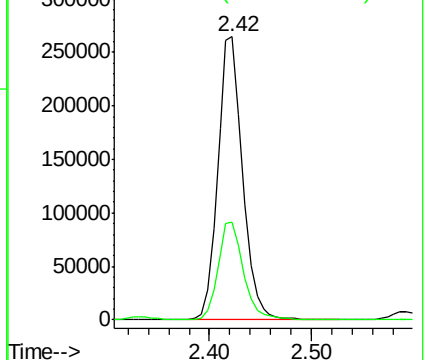
Ion Ratio Lower Upper

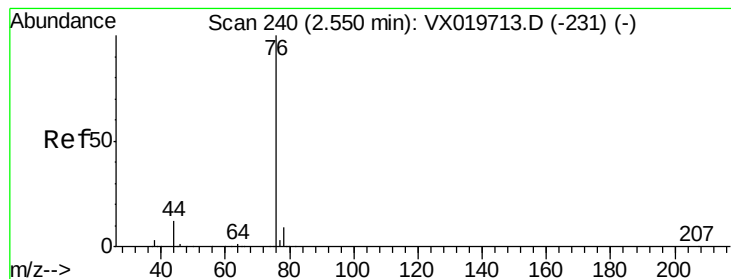
43 100

58 34.6 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.943 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

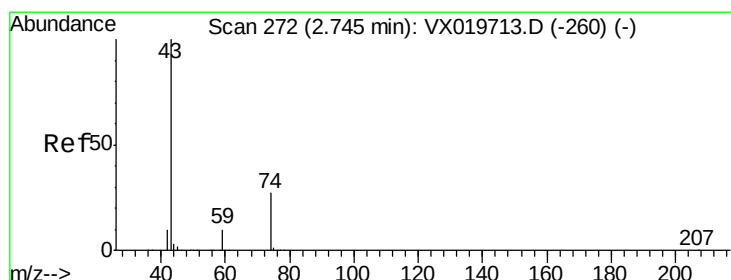
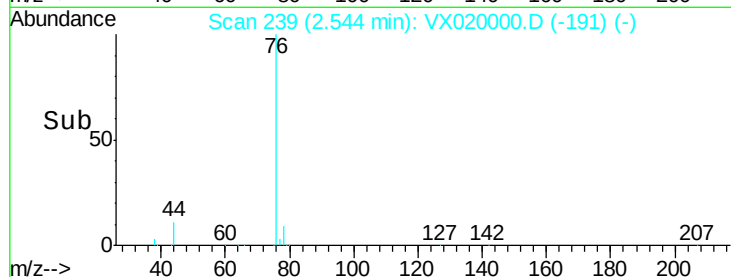
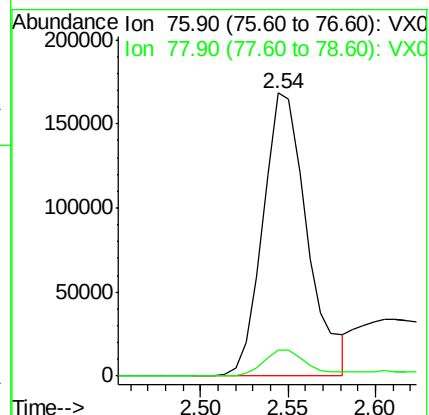
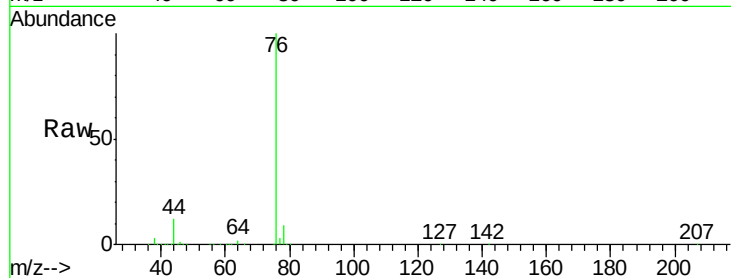
TU032-32-5229-121020MS

Tgt Ion: 76 Resp: 298431

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



#18

Methyl Acetate

Concen: 131.130 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX020000.D

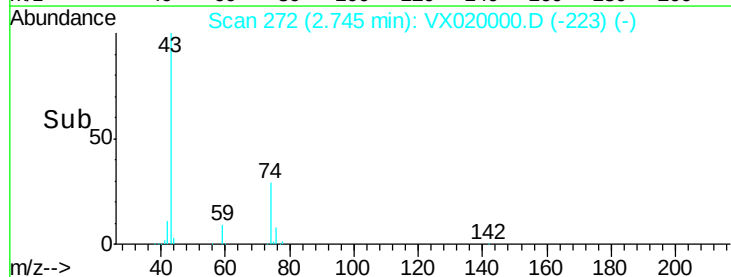
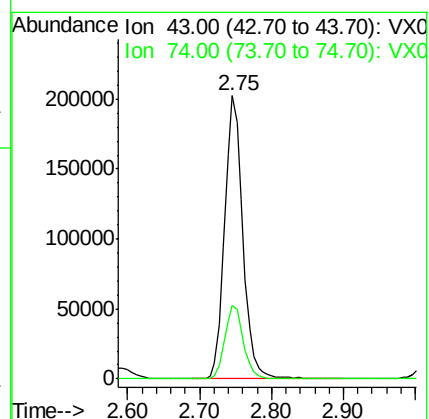
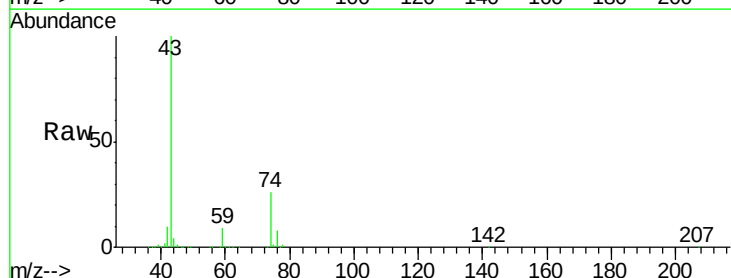
Acq: 14 Dec 2020 20:31

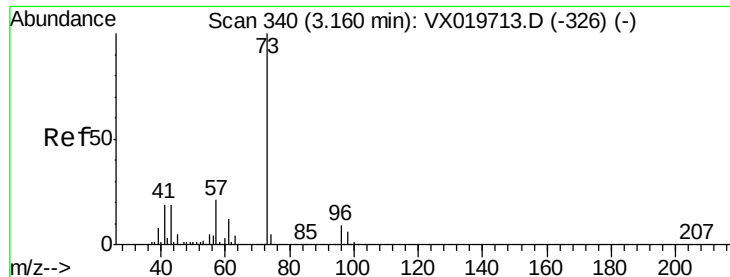
Tgt Ion: 43 Resp: 353238

Ion Ratio Lower Upper

43 100

74 26.7 21.9 32.9



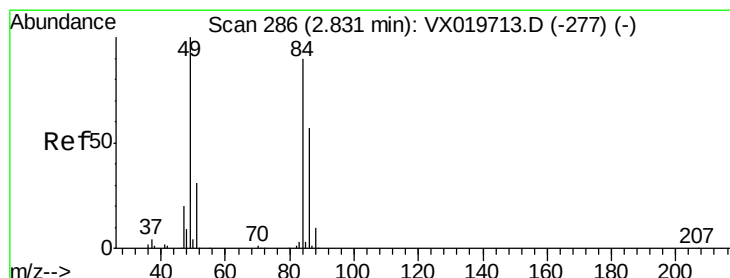
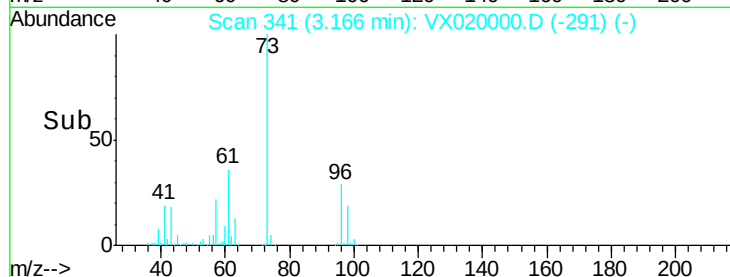
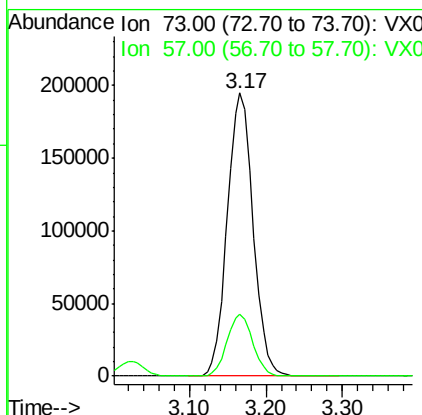
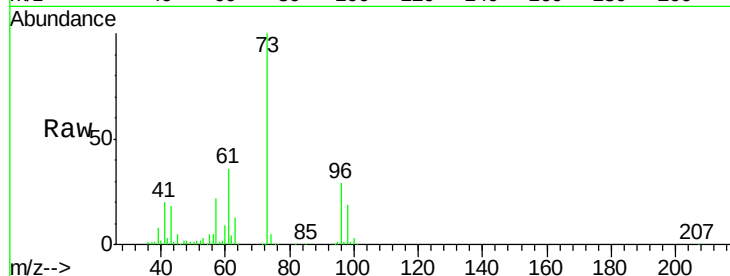


#19

Methyl tert-butyl Ether
 Concen: 61.047 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

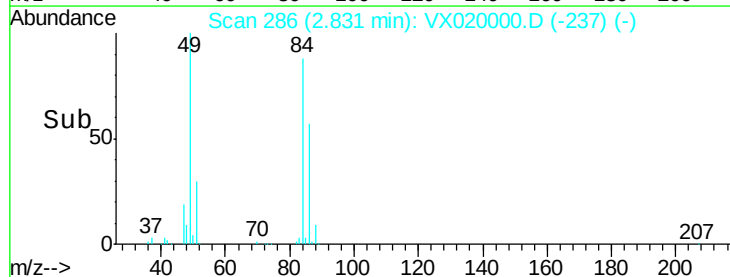
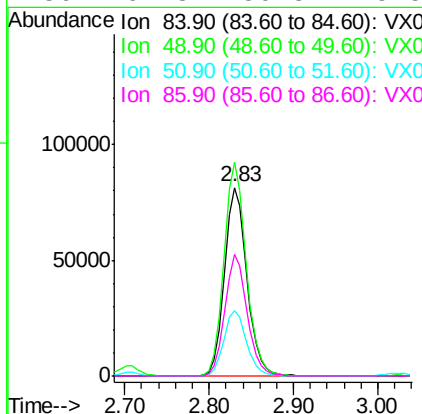
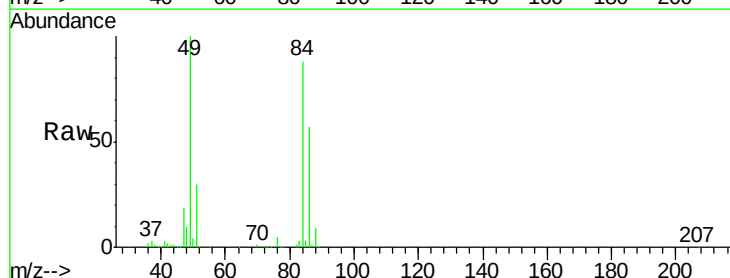
Tgt Ion: 73 Resp: 453902
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.1 25.7

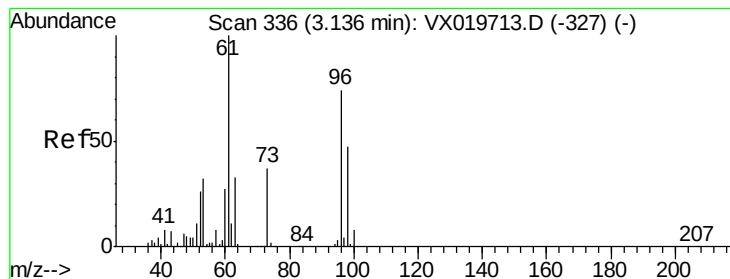


#20

Methylene Chloride
 Concen: 59.569 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion: 84 Resp: 149021
 Ion Ratio Lower Upper
 84 100
 49 113.3 88.6 132.8
 51 34.4 27.0 40.6
 86 64.8 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 369.932 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS

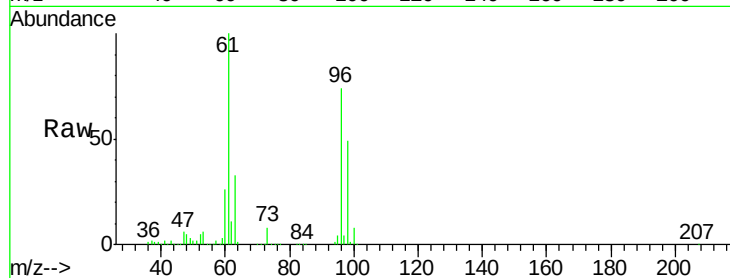
Tgt Ion: 96 Resp: 880529

Ion Ratio Lower Upper

96 100

61 135.1 107.7 161.5

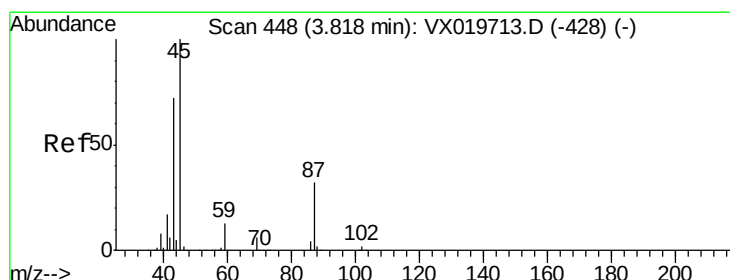
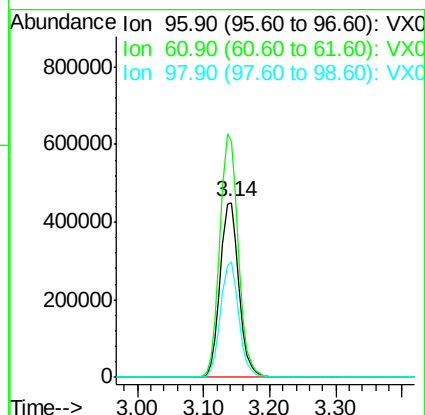
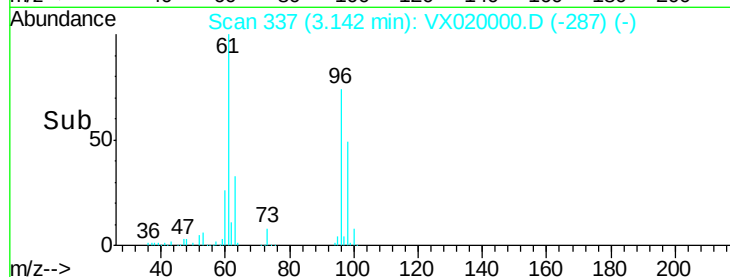
98 65.7 50.4 75.6



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: 62.199 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Tgt Ion: 45 Resp: 433631

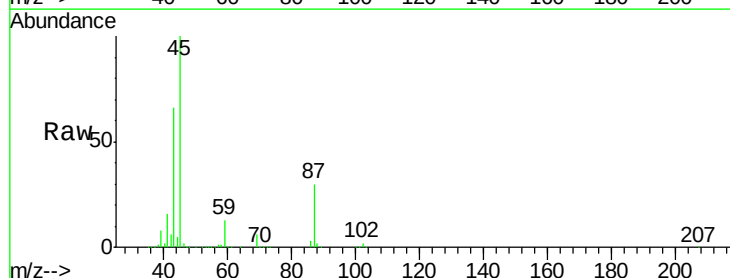
Ion Ratio Lower Upper

45 100

43 66.0 58.0 87.0

87 30.1 25.4 38.0

59 12.9 10.2 15.2

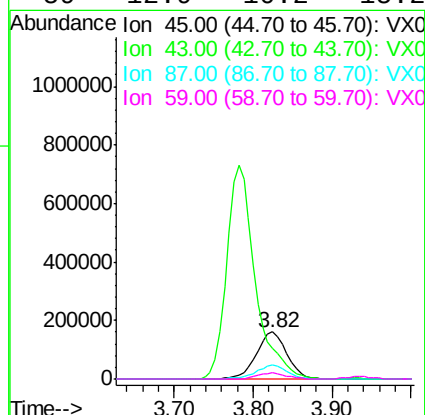
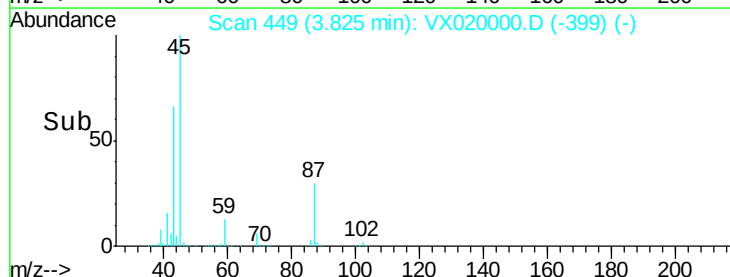


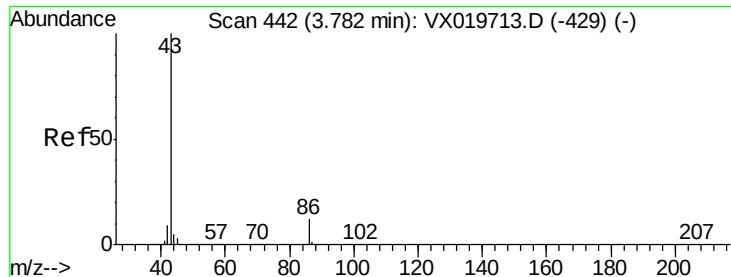
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 310.749 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

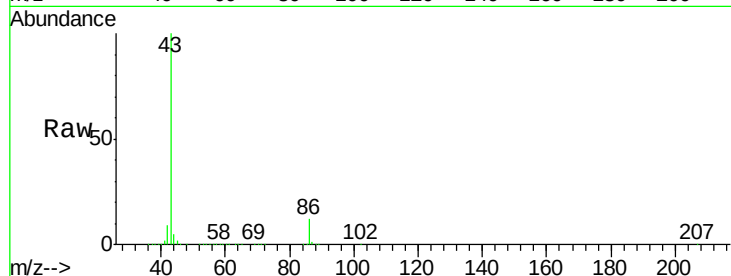
TU032-32-5229-121020MS

Tgt Ion: 43 Resp: 1845695

Ion Ratio Lower Upper

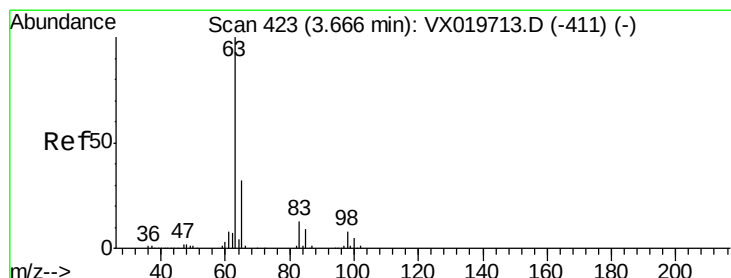
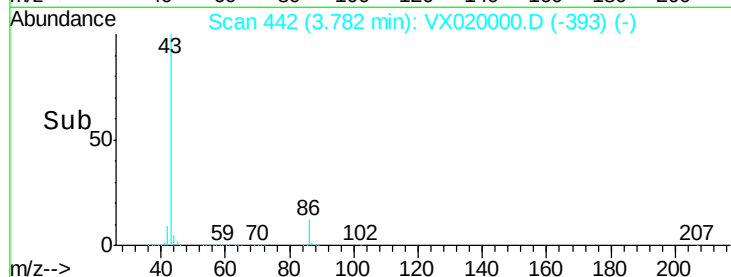
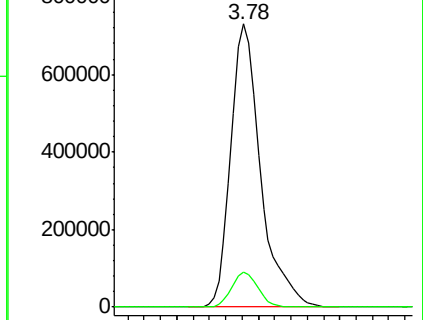
43 100

86 12.3 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: 59.489 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

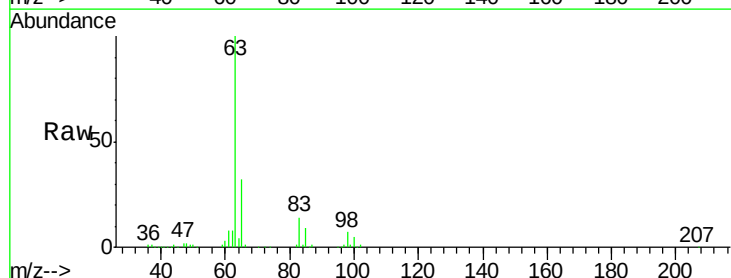
Tgt Ion: 63 Resp: 250097

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

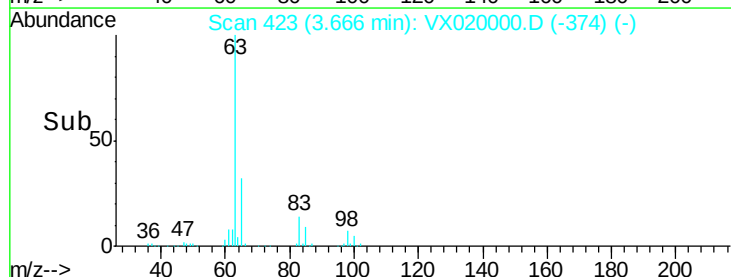
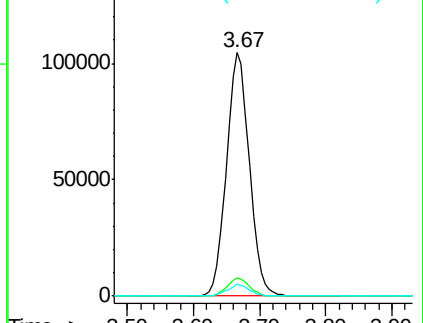
100 5.0 2.5 7.5

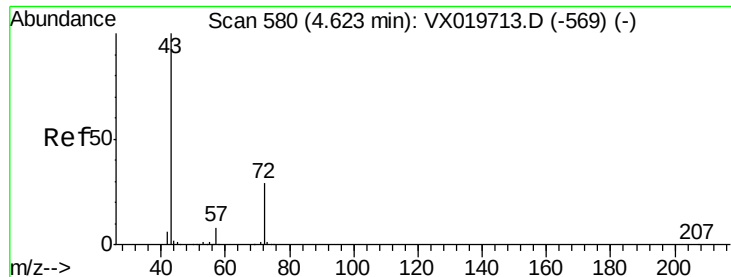


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 400.773 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

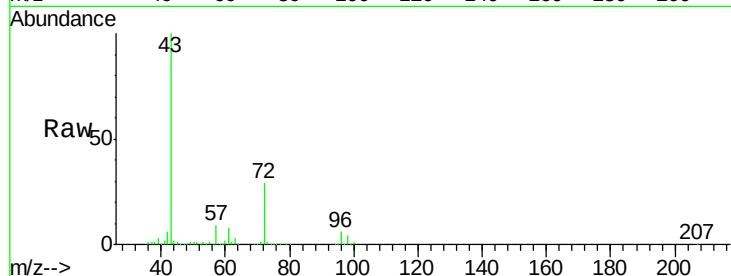
TU032-32-5229-121020MS

Tgt Ion: 43 Resp: 677915

Ion Ratio Lower Upper

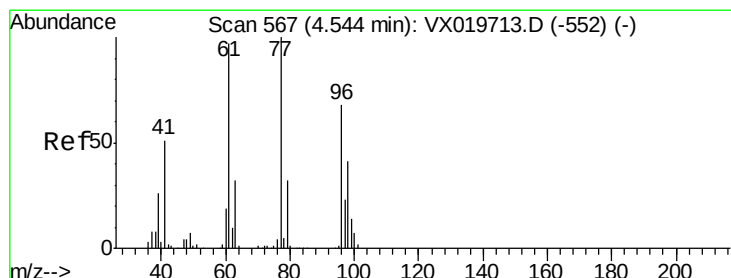
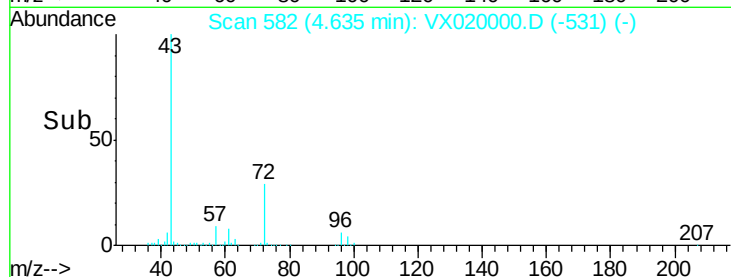
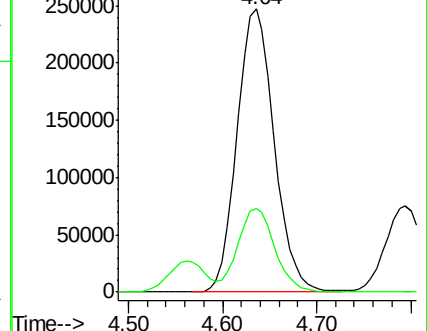
43 100

72 29.4 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 22.803 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX020000.D

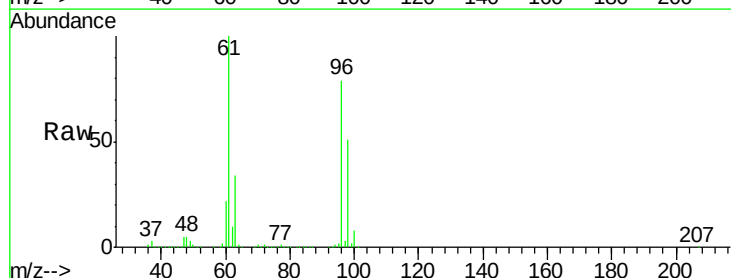
Acq: 14 Dec 2020 20:31

Tgt Ion: 77 Resp: 82555

Ion Ratio Lower Upper

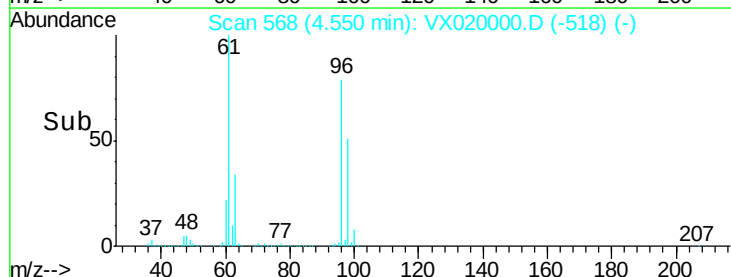
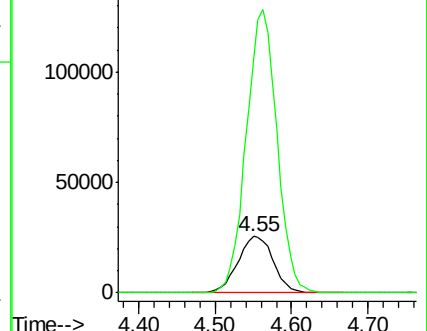
77 100

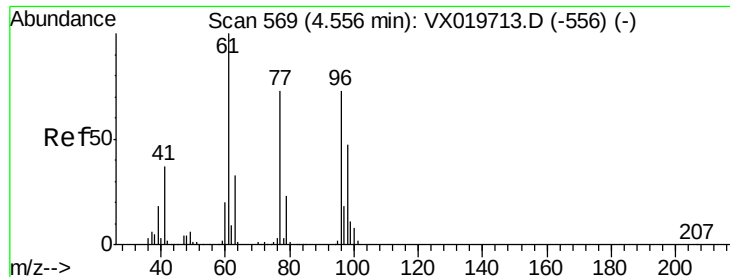
97 435.2 11.7 35.1#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



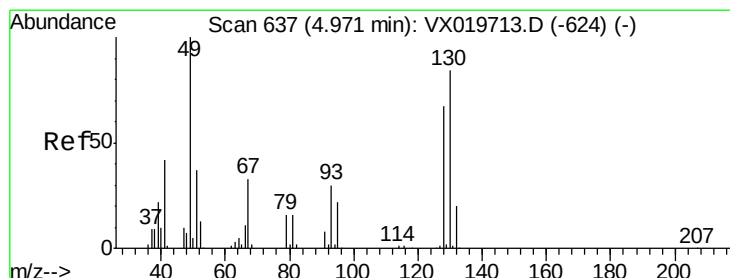
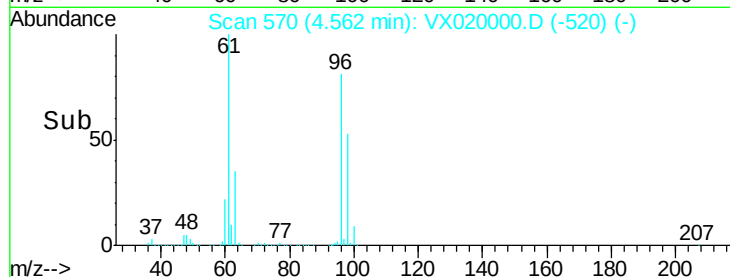
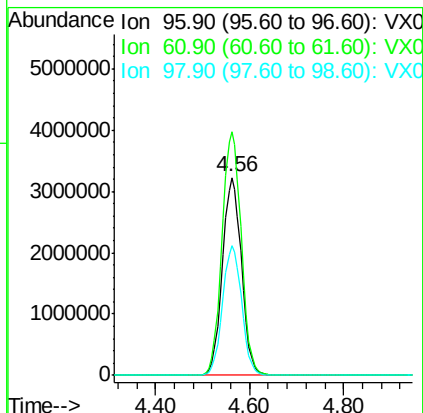
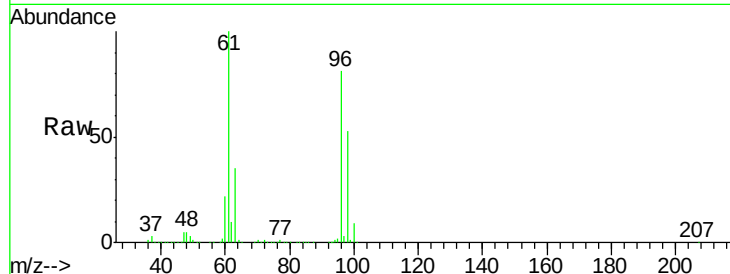


#27

cis-1,2-Dichloroethene
Concen: 3241.465 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

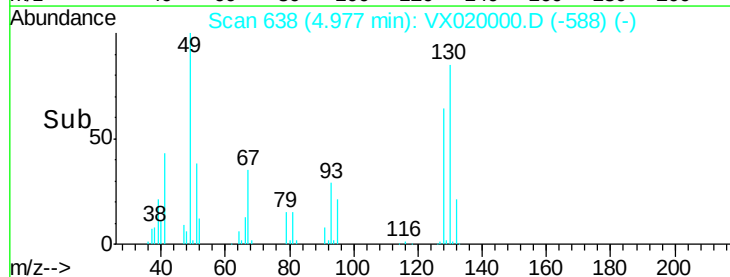
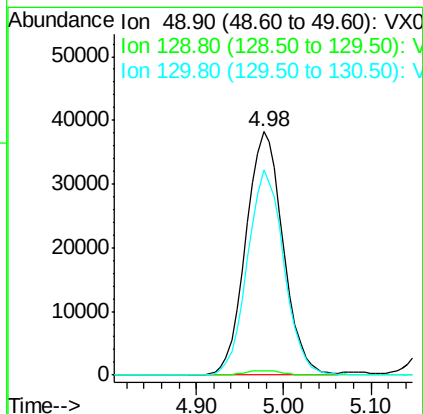
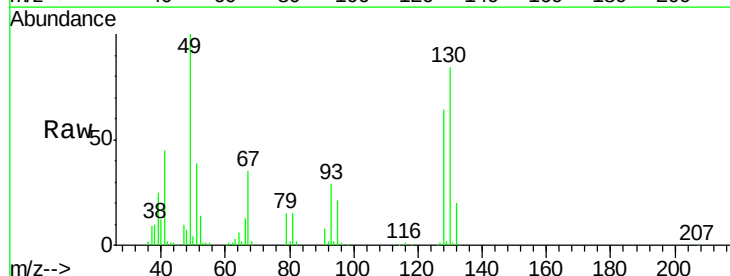
Tgt Ion: 96 Resp: 9029128
Ion Ratio Lower Upper
96 100
61 124.5 0.0 285.6
98 65.6 0.0 129.6

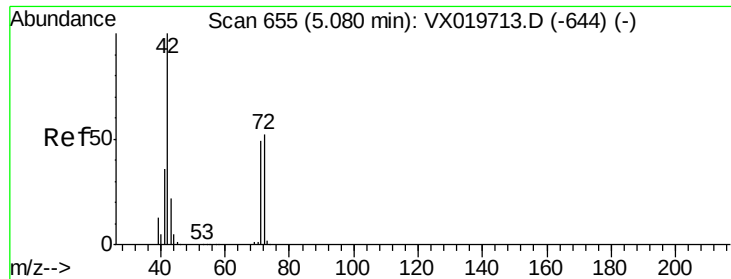


#28

Bromochloromethane
Concen: 56.633 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Tgt Ion: 49 Resp: 113500
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 82.4 68.2 102.2

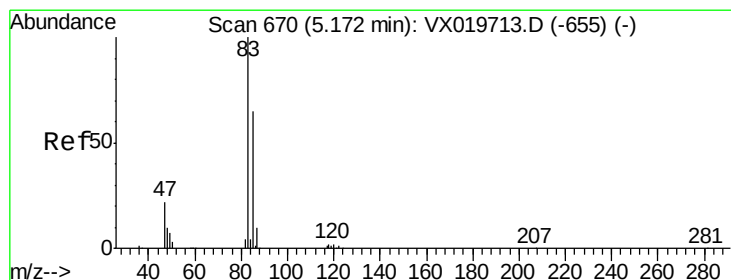
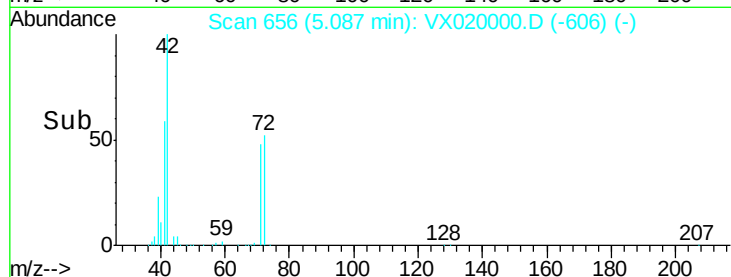
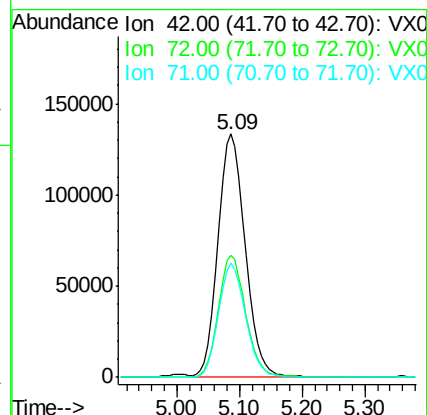
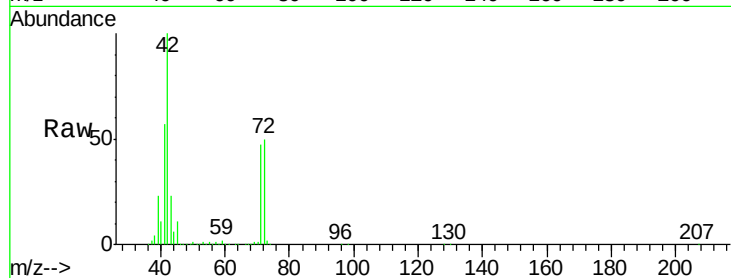




#29
Tetrahydrofuran
Concen: 367.591 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

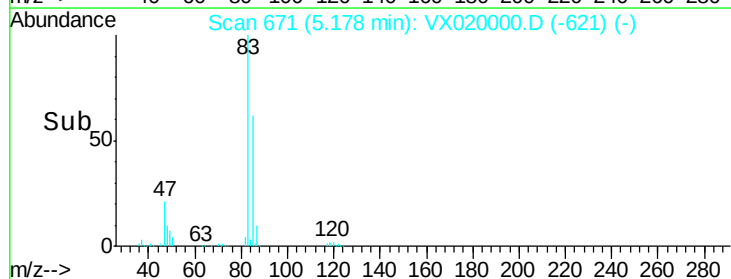
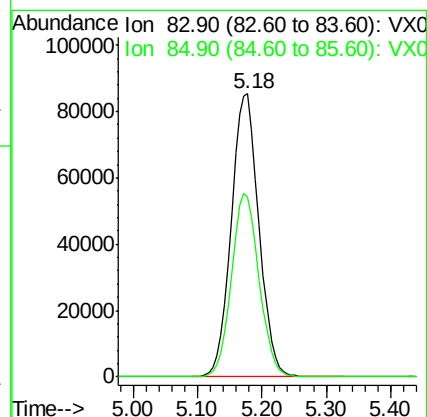
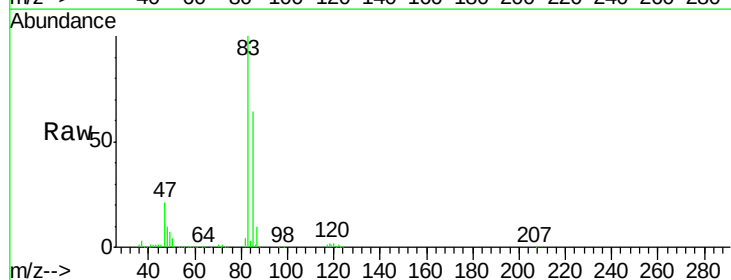
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

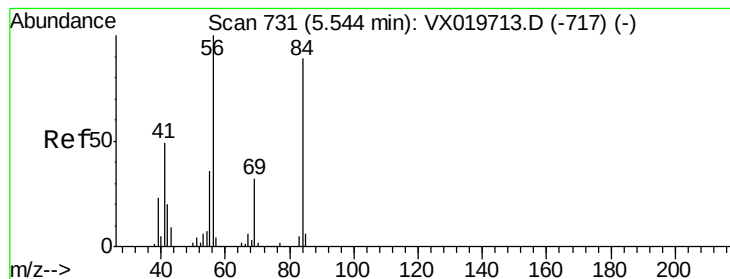
Tgt Ion: 42 Resp: 400609
Ion Ratio Lower Upper
42 100
72 50.5 41.7 62.5
71 46.6 38.4 57.6



#30
Chloroform
Concen: 59.279 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Tgt Ion: 83 Resp: 256251
Ion Ratio Lower Upper
83 100
85 63.5 52.0 78.0





#31

Cyclohexane

Concen: 47.555 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS

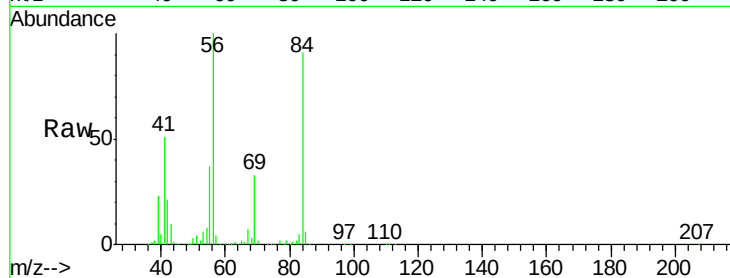
Tgt Ion: 56 Resp: 173244

Ion Ratio Lower Upper

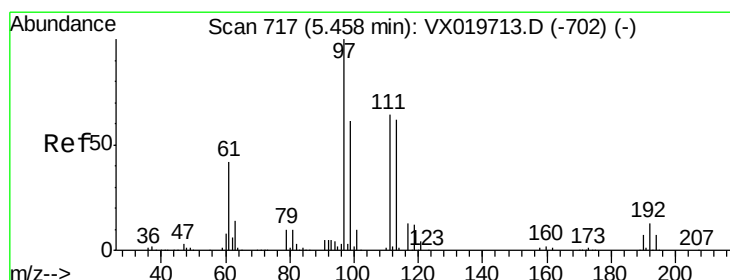
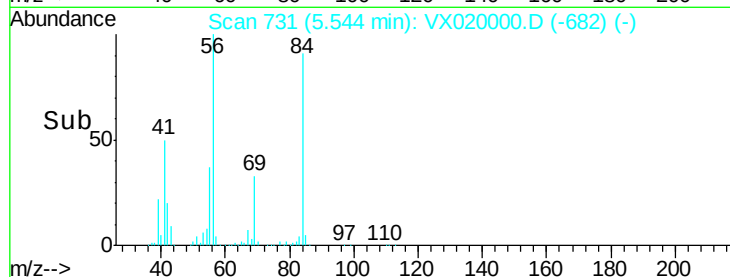
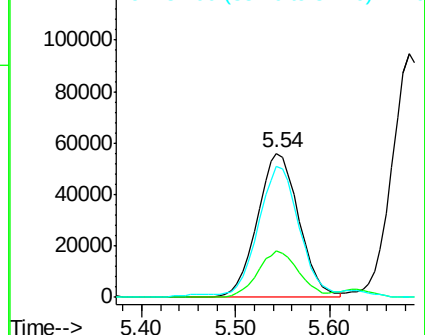
56 100

69 32.6 25.3 37.9

84 88.5 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: 57.544 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

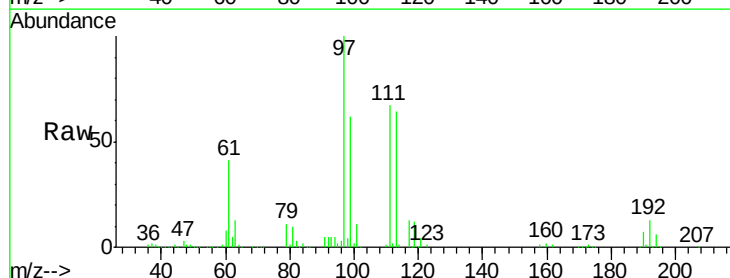
Tgt Ion: 97 Resp: 214218

Ion Ratio Lower Upper

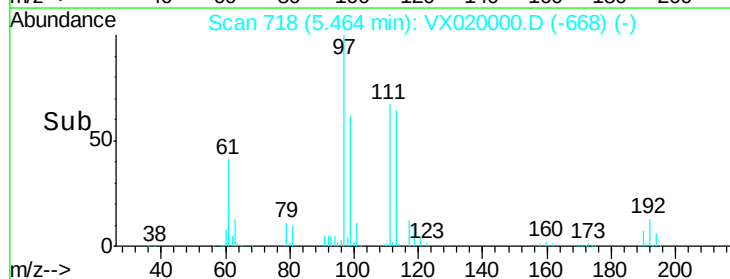
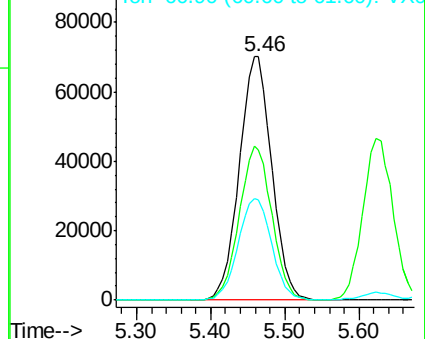
97 100

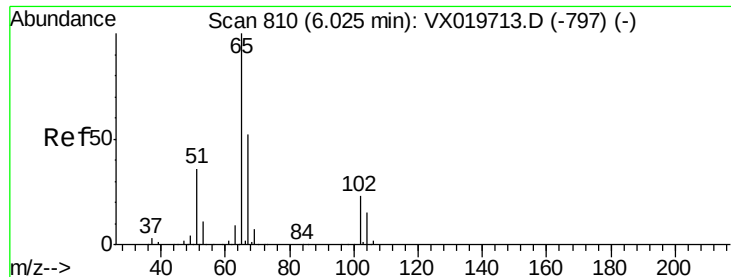
99 63.6 51.5 77.3

61 42.9 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

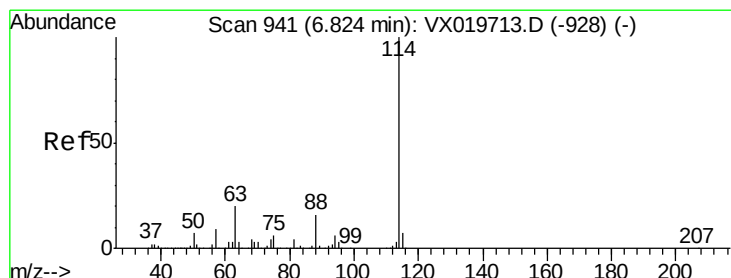
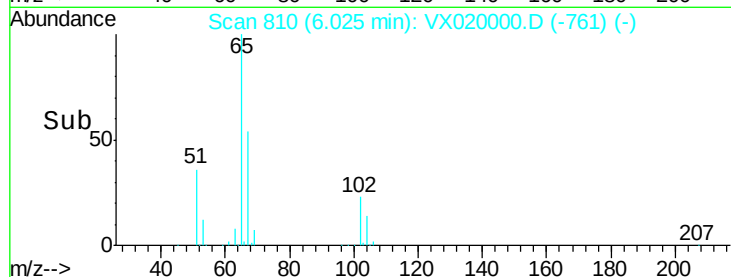
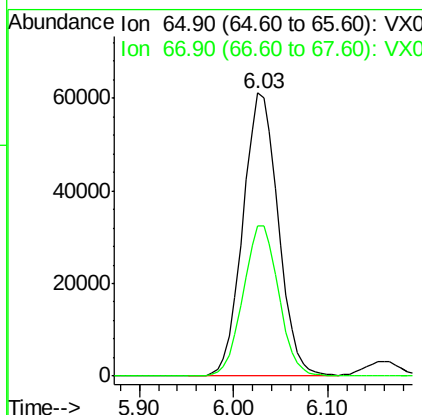
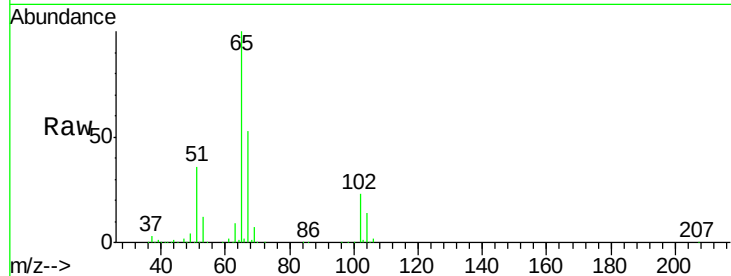




#33
 1,2-Dichloroethane-d4
 Concen: 54.669 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

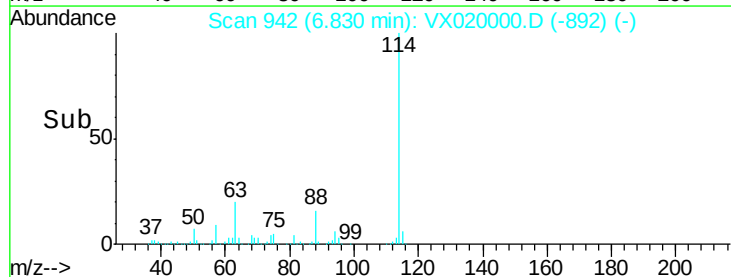
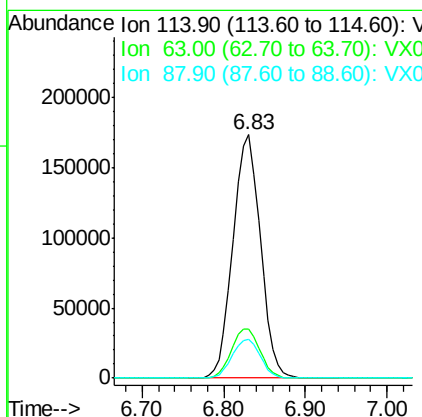
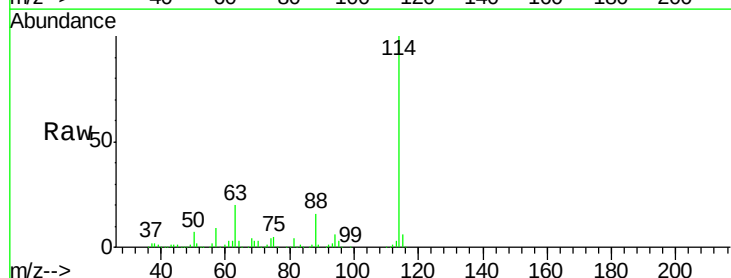
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

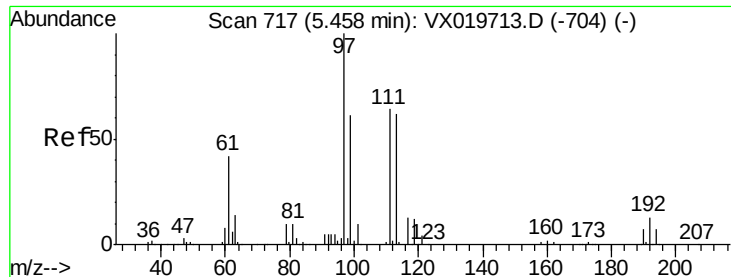
Tgt Ion: 65 Resp: 160109
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion: 114 Resp: 403968
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 15.7 0.0 32.8

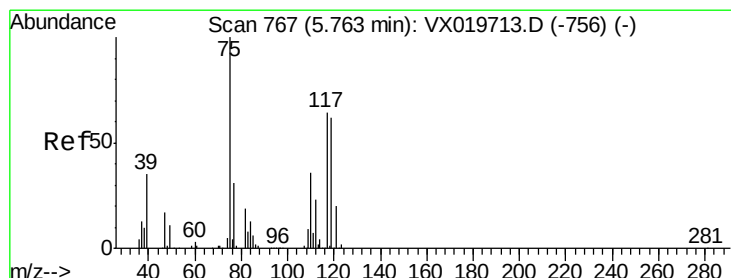
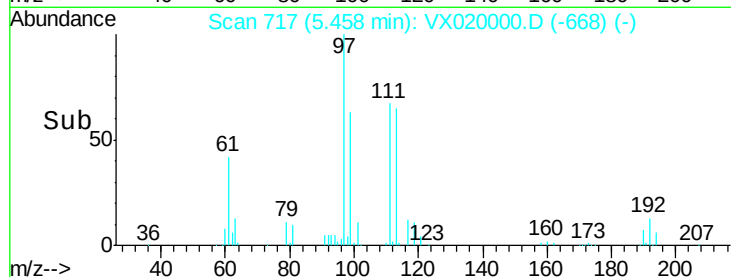
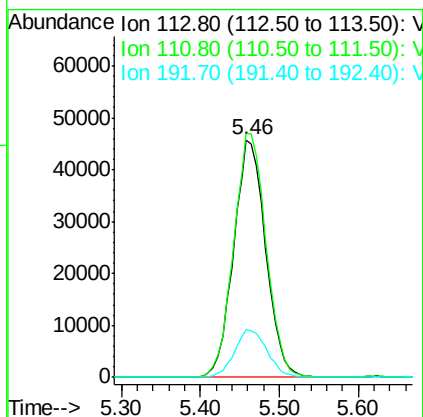
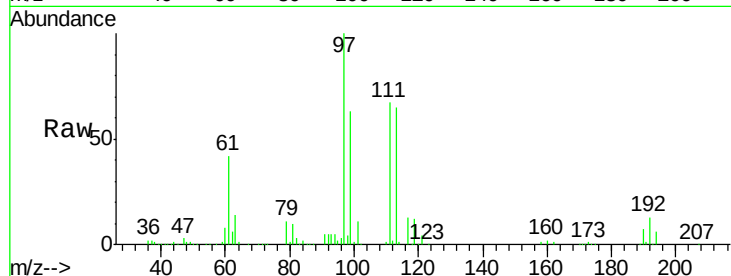




#35
 Dibromofluoromethane
 Concen: 49.422 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

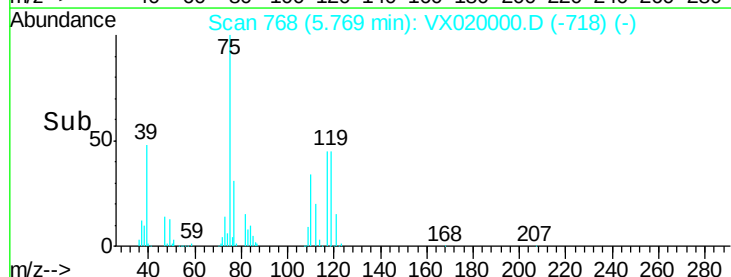
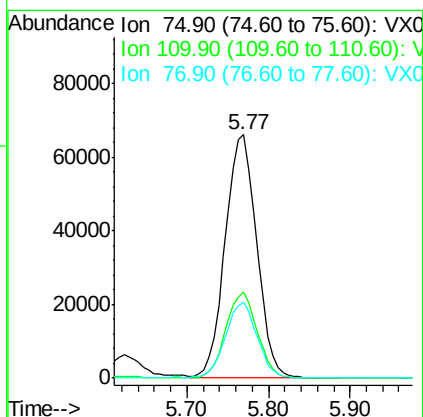
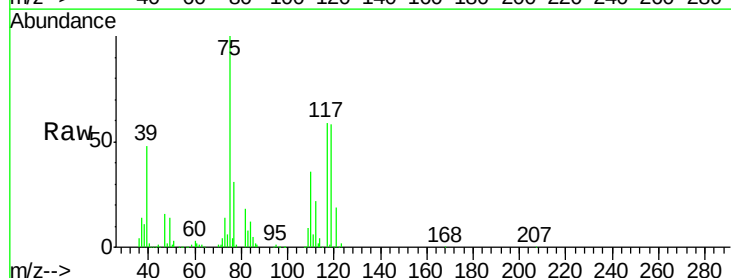
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

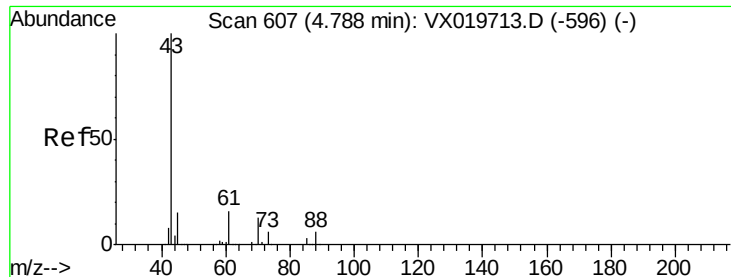
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.9	122.9
192	20.5	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 48.541 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	18.1	54.4
77	31.3	25.3	37.9





#37

Ethyl Acetate

Concen: 58.778 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS

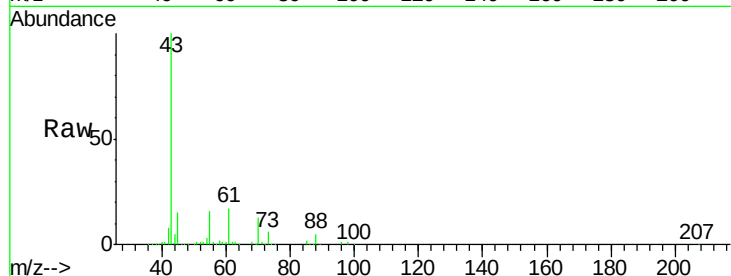
Tgt Ion: 43 Resp: 216637

Ion Ratio Lower Upper

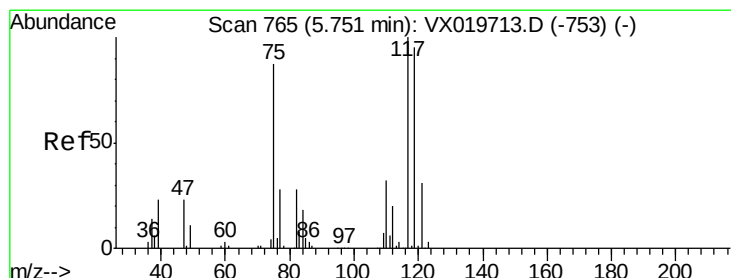
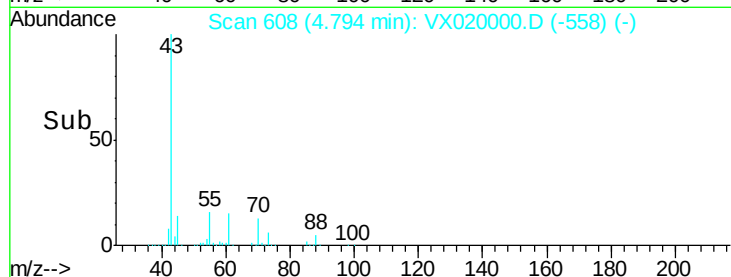
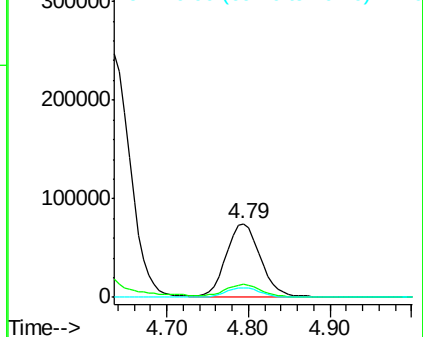
43 100

61 0.0 12.8 19.2#

70 12.9 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: 49.409 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

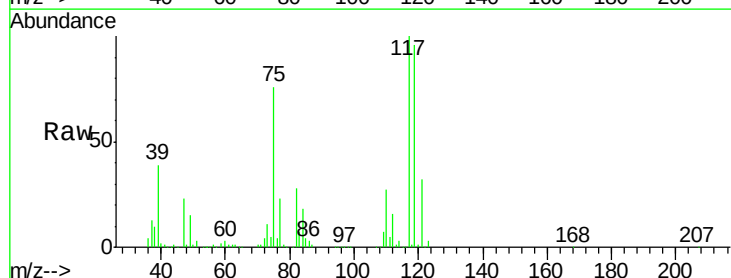
Tgt Ion: 117 Resp: 176619

Ion Ratio Lower Upper

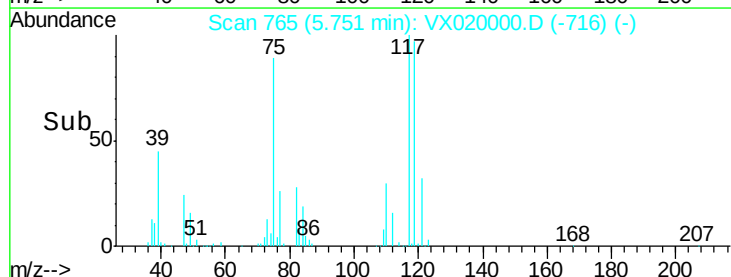
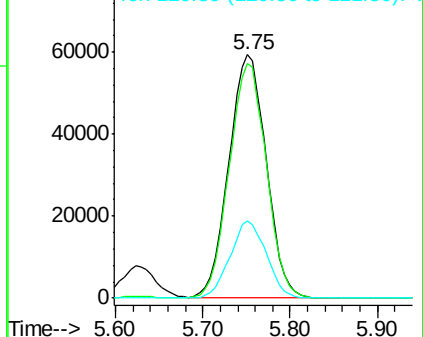
117 100

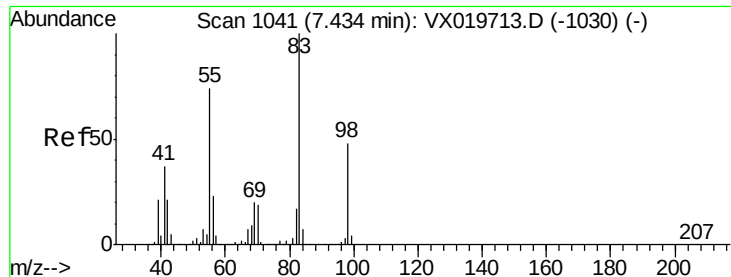
119 96.5 76.2 114.2

121 31.5 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

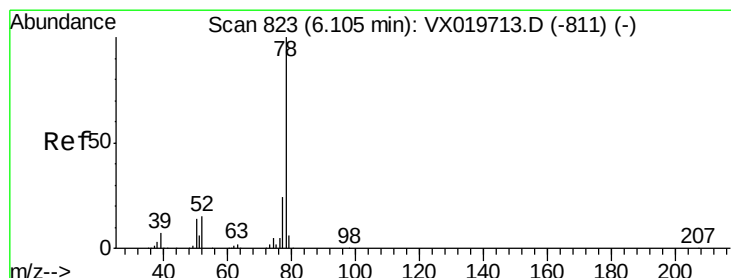
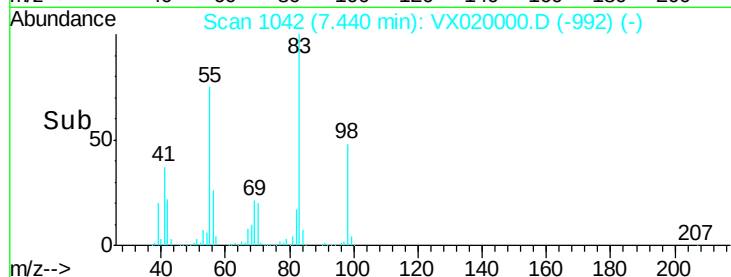
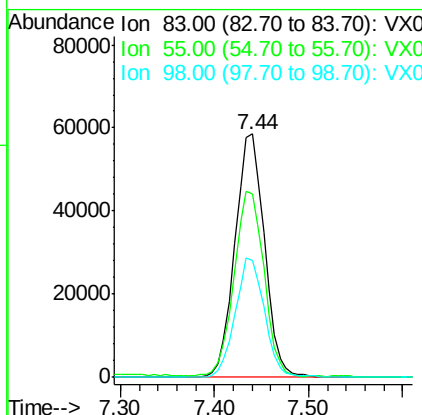
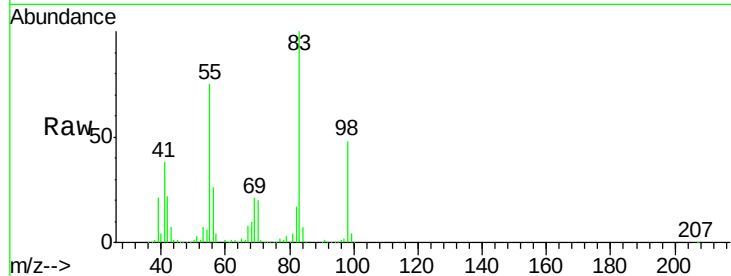




#39
Methylcyclohexane
Concen: 29.892 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

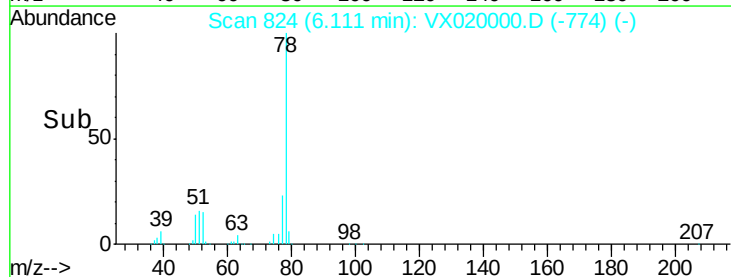
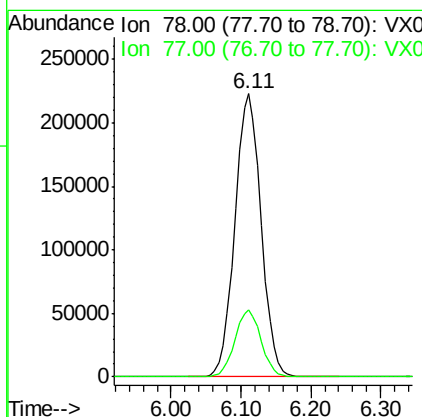
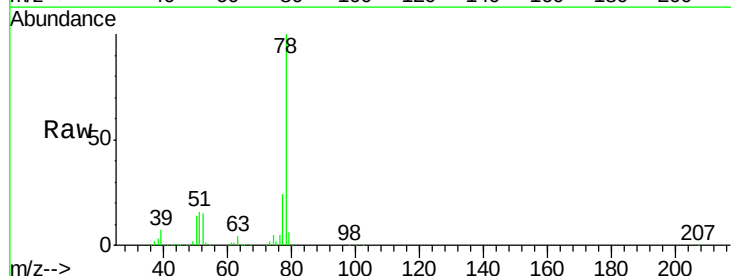
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

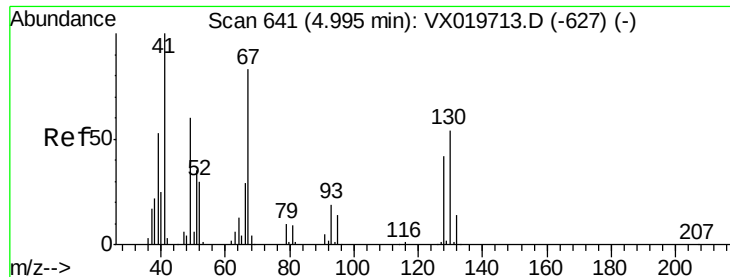
Tgt Ion: 83 Resp: 128199
Ion Ratio Lower Upper
83 100
55 74.7 58.9 88.3
98 47.9 38.1 57.1



#40
Benzene
Concen: 51.843 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Tgt Ion: 78 Resp: 578092
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

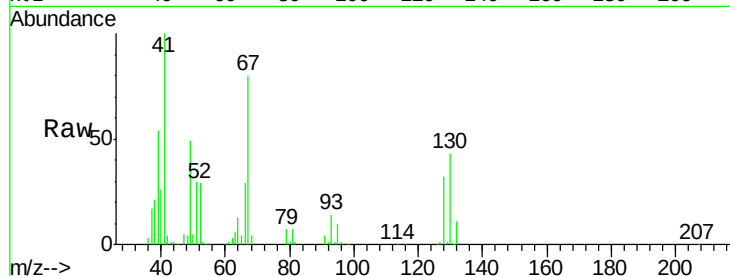




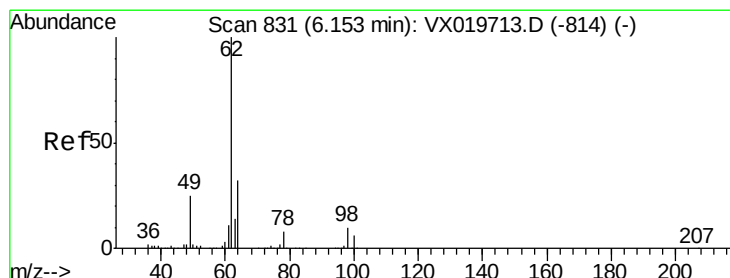
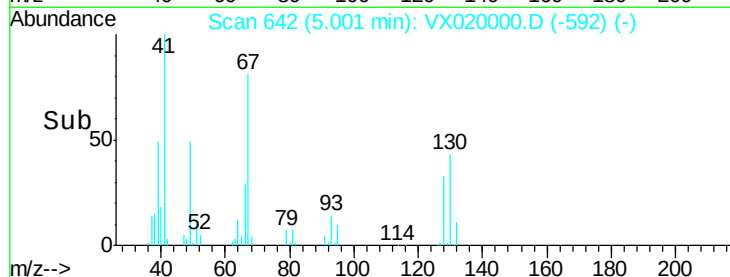
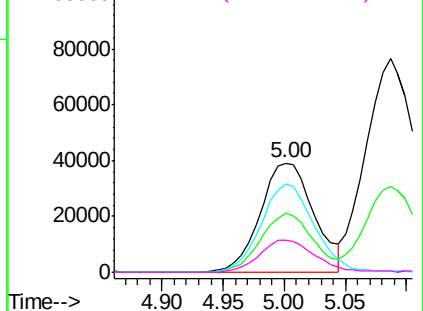
#41
Methacrylonitrile
Concen: 58.899 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

Tgt Ion:	41	Resp:	119188
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.5	63.7
67	80.4	65.0	97.6
52	30.7	25.3	37.9

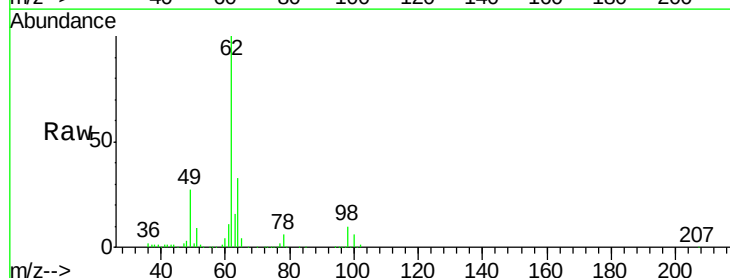


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

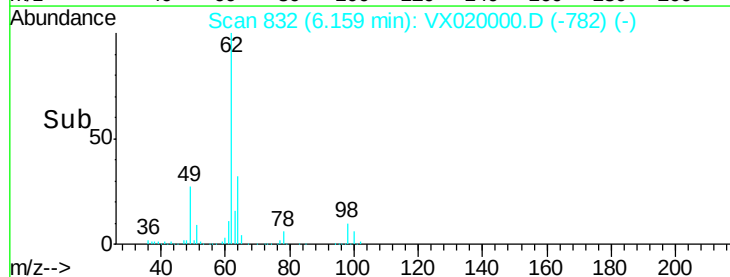
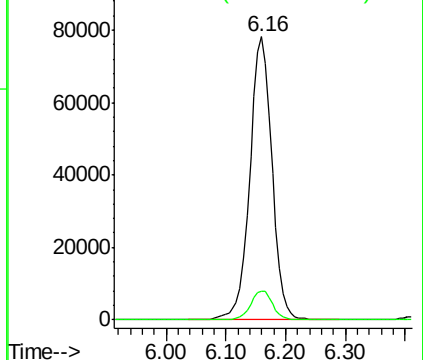


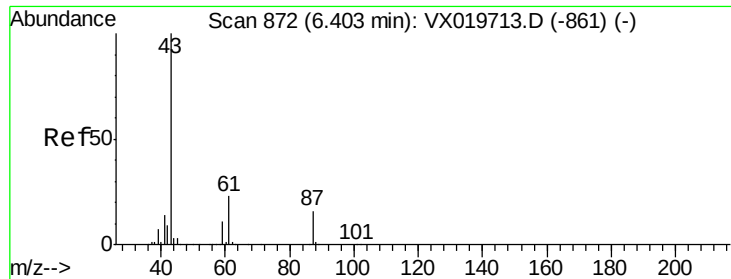
#42
1,2-Dichloroethane
Concen: 52.923 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Tgt Ion:	62	Resp:	201632
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



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

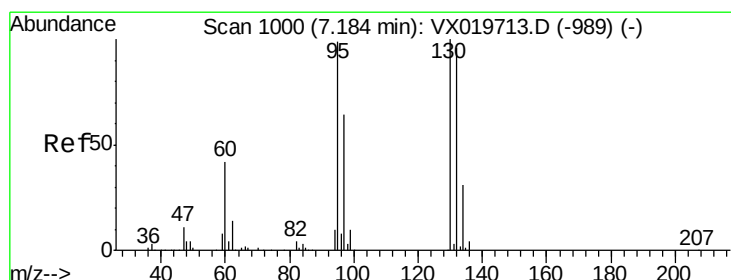
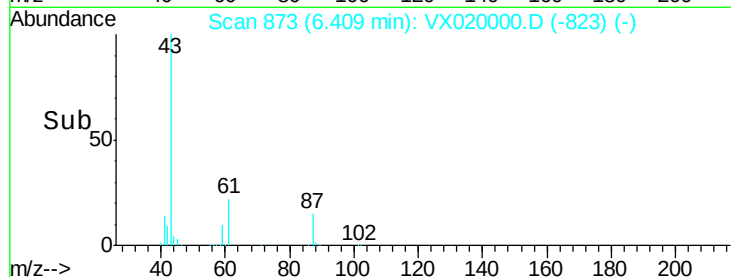
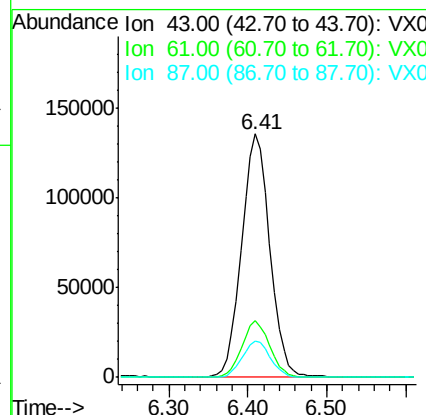
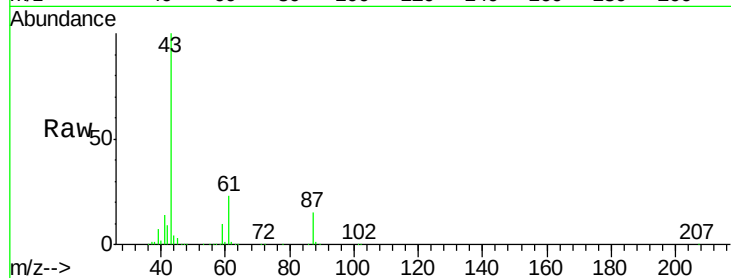




#43
Isopropyl Acetate
Concen: 55.883 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

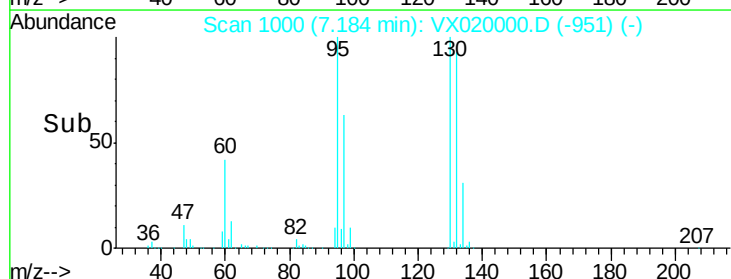
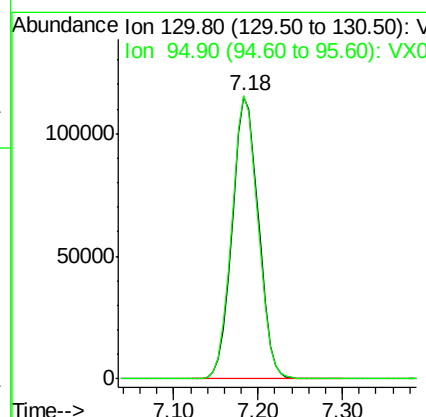
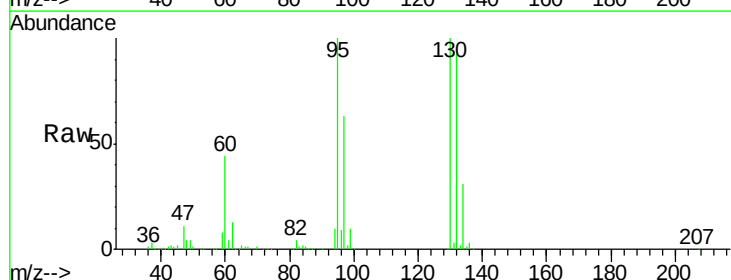
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

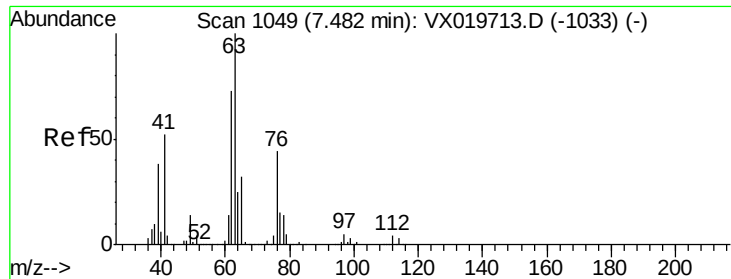
Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.1	18.2	27.4
87	15.0	12.5	18.7



#44
Trichloroethene
Concen: 83.238 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	198.0

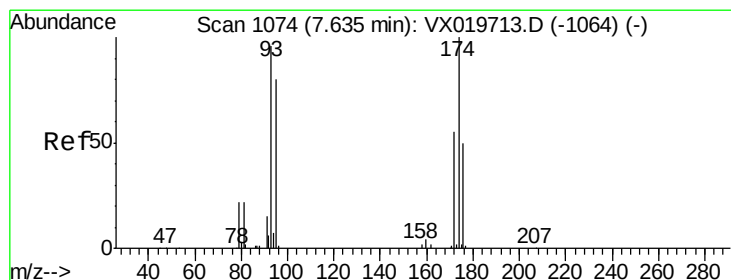
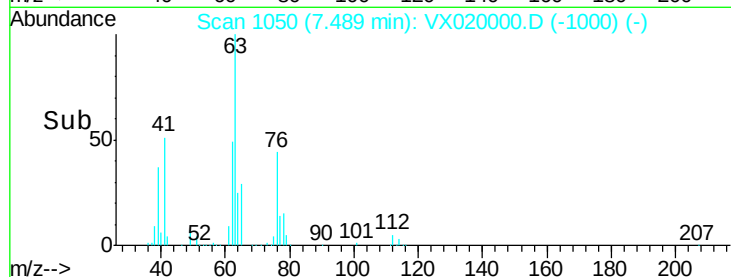
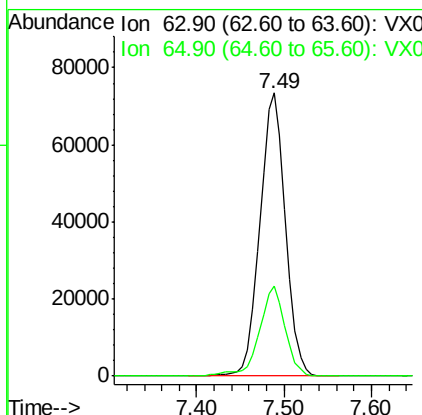
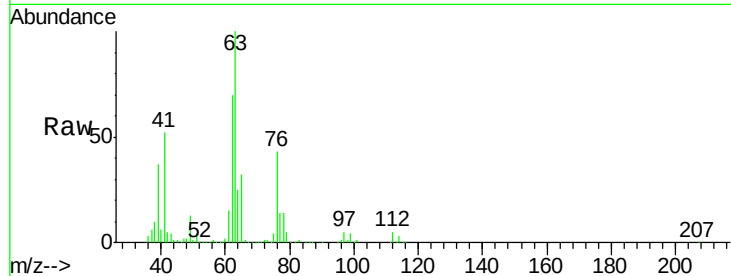




#45
 1,2-Dichloropropane
 Concen: 53.653 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

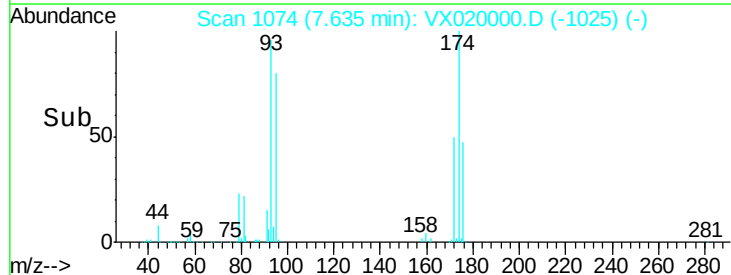
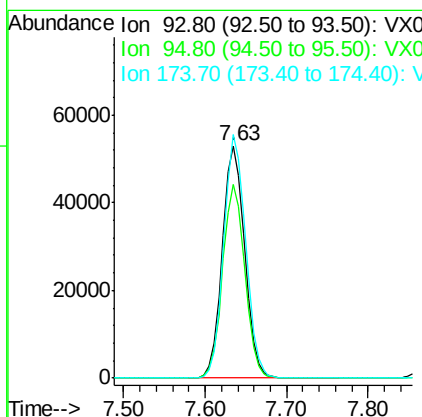
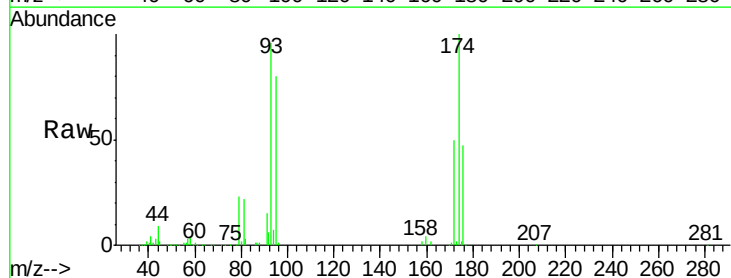
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

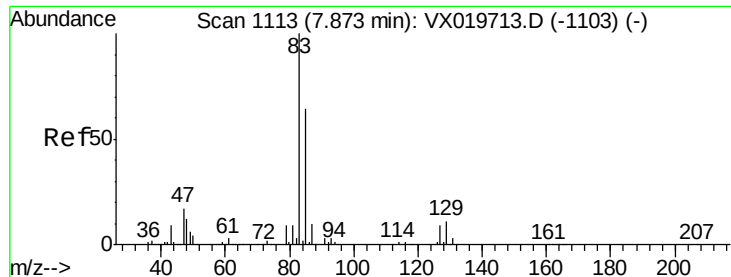
Tgt Ion: 63 Resp: 149527
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.7 38.5



#46
 Dibromomethane
 Concen: 53.401 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion: 93 Resp: 100503
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.8 100.2
 174 102.9 83.1 124.7





#47

Bromodichloromethane

Concen: 54.165 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS

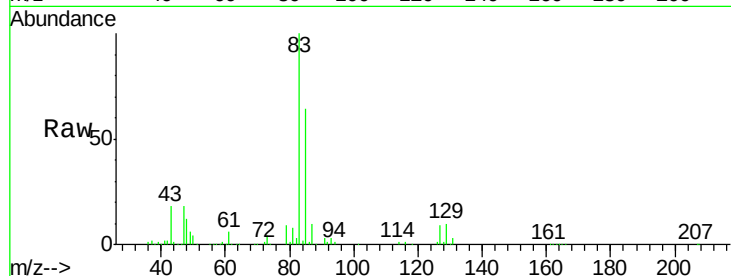
Tgt Ion: 83 Resp: 202284

Ion Ratio Lower Upper

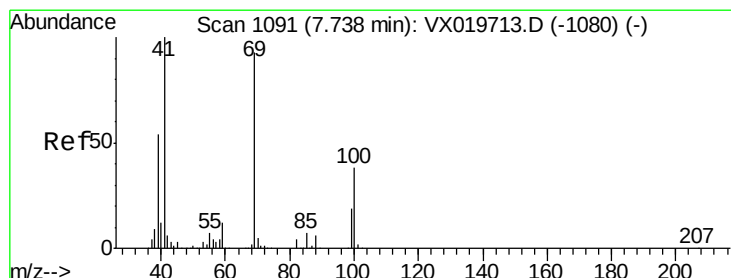
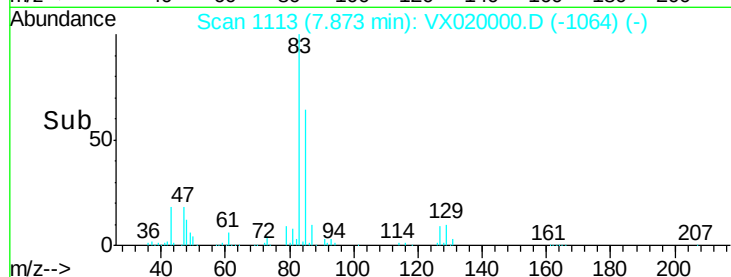
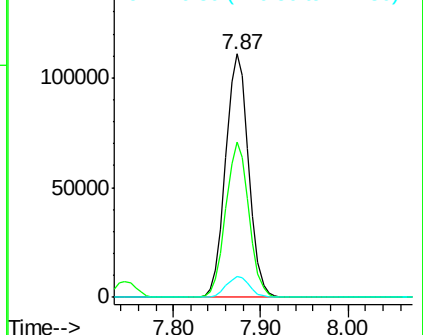
83 100

85 64.0 51.4 77.0

127 8.5 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.701 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

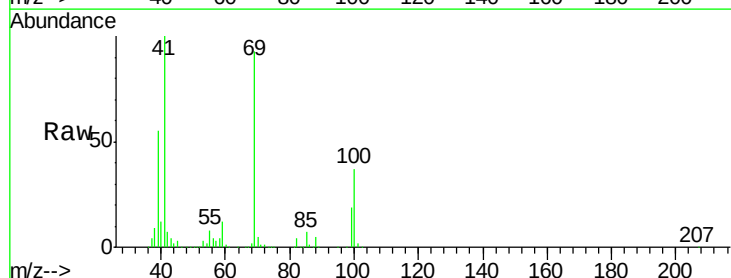
Tgt Ion: 41 Resp: 170045

Ion Ratio Lower Upper

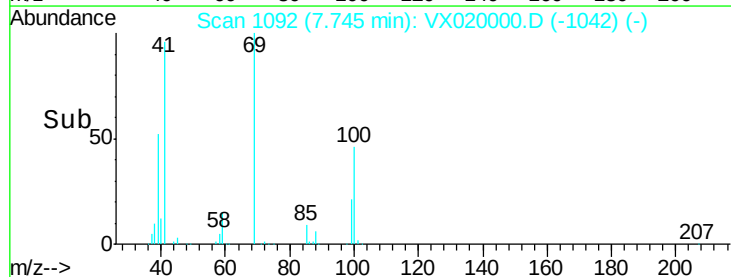
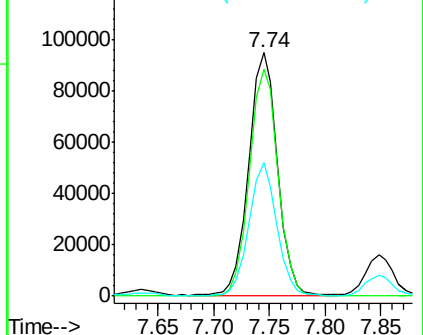
41 100

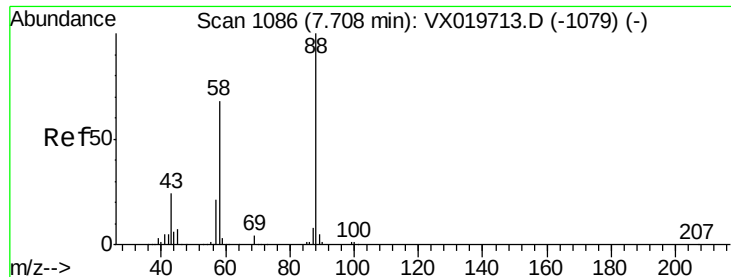
69 93.6 76.0 114.0

39 53.1 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

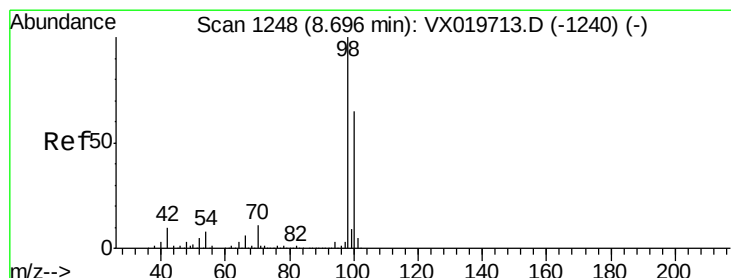
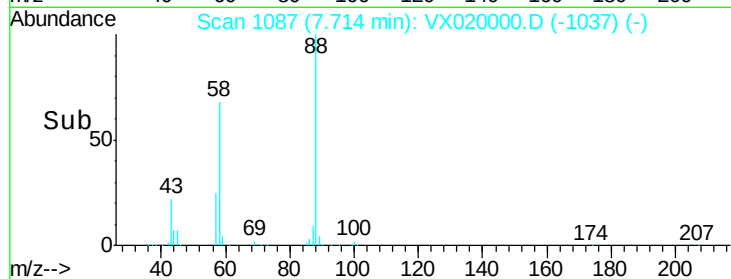
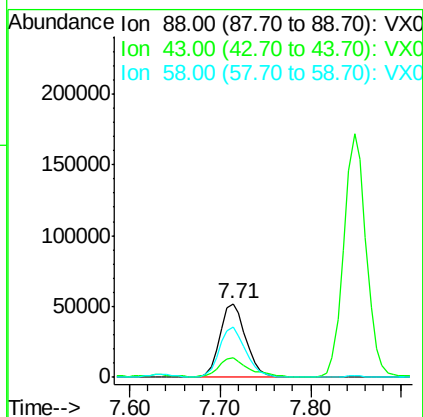
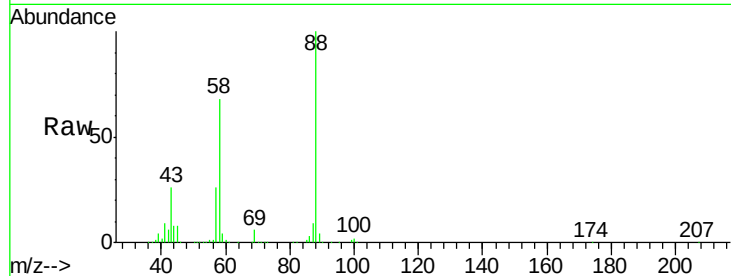




#49
1,4-Dioxane
Concen: 1447.451 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

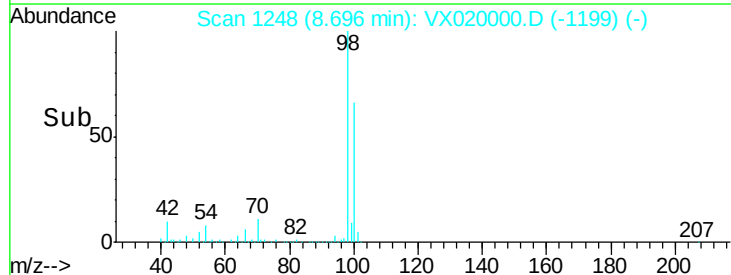
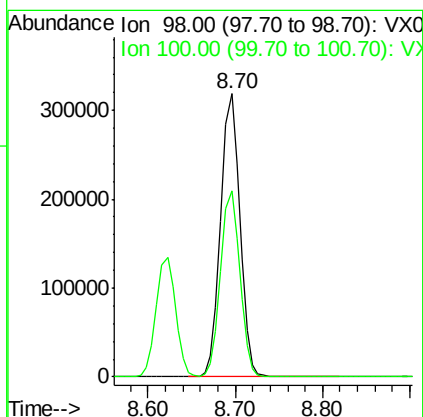
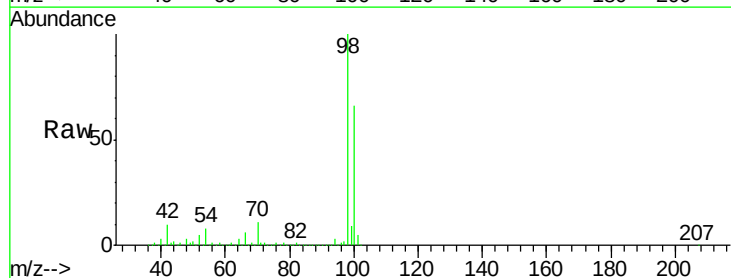
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

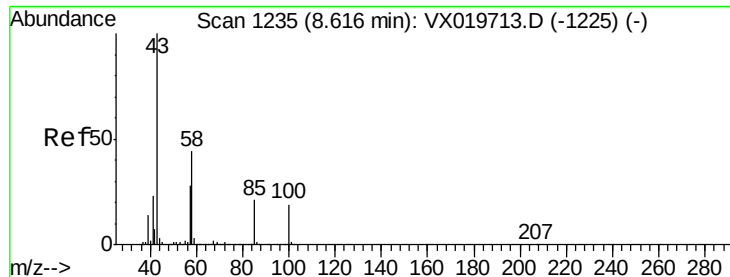
Tgt Ion: 88 Resp: 103334
Ion Ratio Lower Upper
88 100
43 28.5 23.2 34.8
58 70.2 55.0 82.4



#50
Toluene-d8
Concen: 48.812 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Tgt Ion: 98 Resp: 486523
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

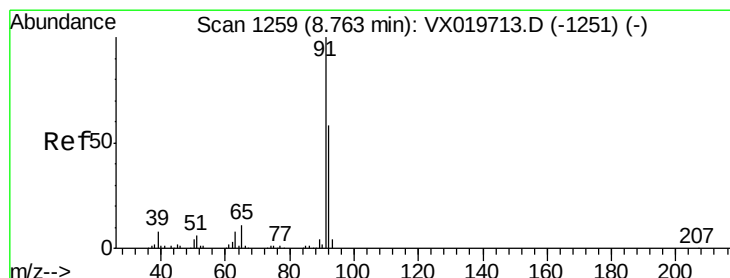
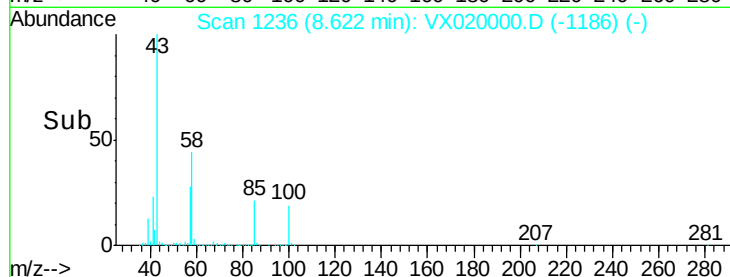
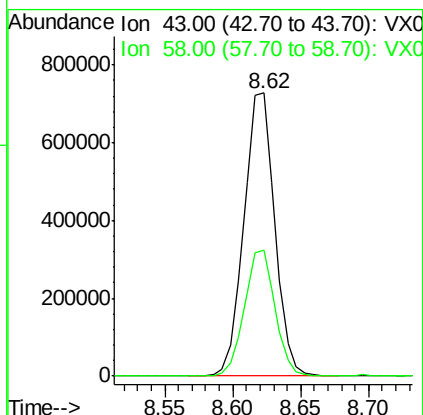
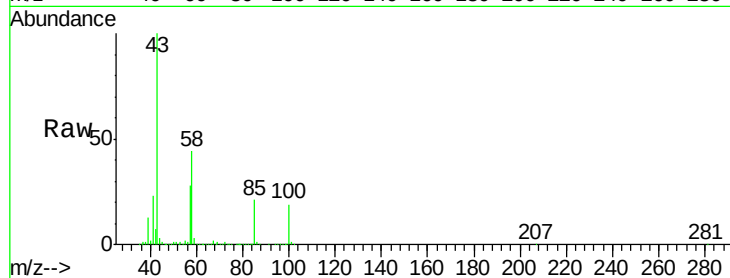




#51
 4-Methyl-2-Pentanone
 Concen: 315.682 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

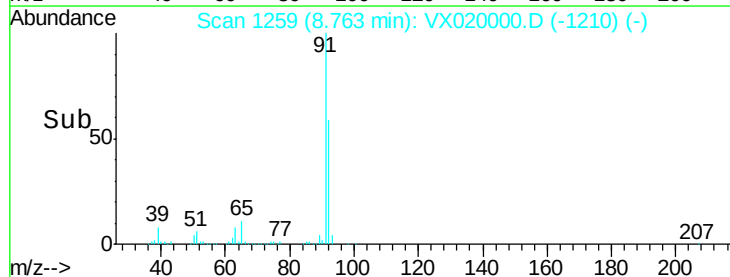
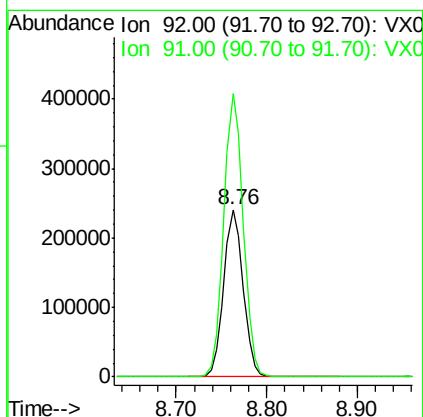
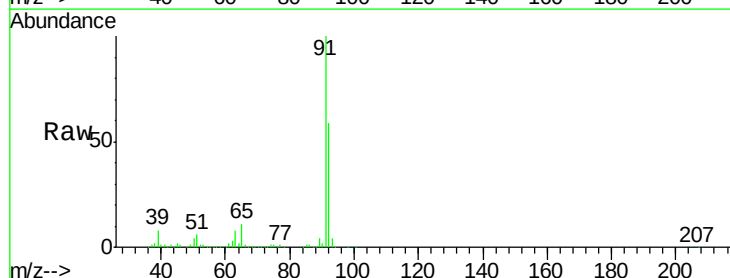
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

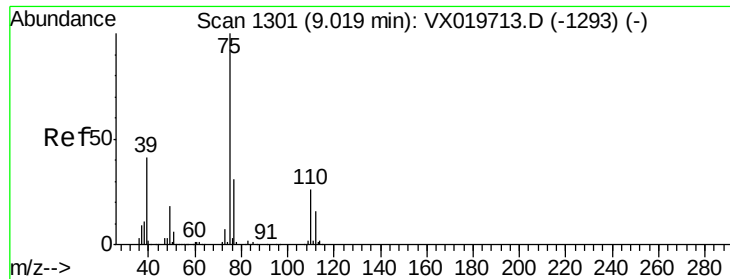
Tgt Ion: 43 Resp: 1154895
 Ion Ratio Lower Upper
 43 100
 58 44.1 35.4 53.0



#52
 Toluene
 Concen: 51.518 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion: 92 Resp: 359297
 Ion Ratio Lower Upper
 92 100
 91 170.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 46.694 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

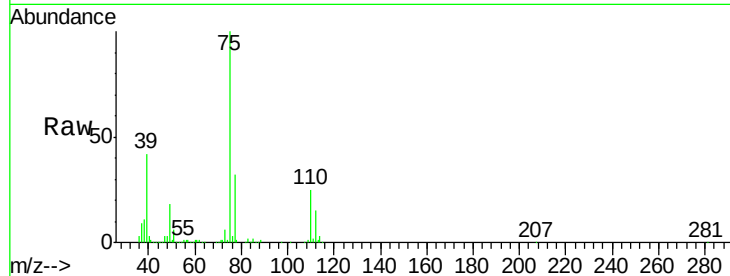
TU032-32-5229-121020MS

Tgt Ion: 75 Resp: 193509

Ion Ratio Lower Upper

75 100

77 32.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

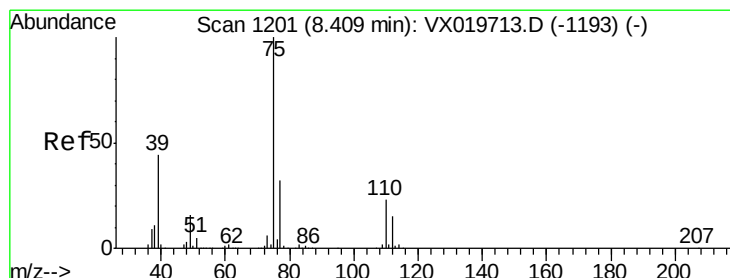
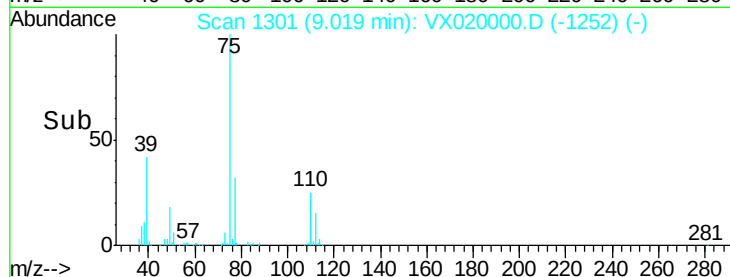
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 45.299 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

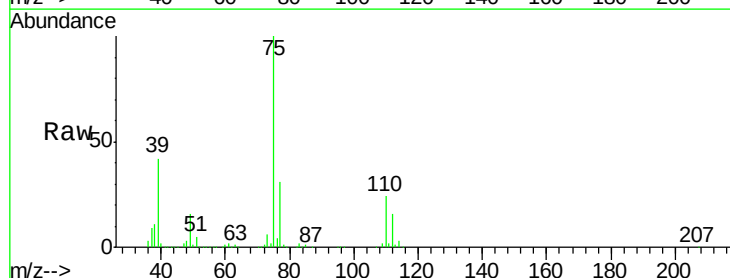
Tgt Ion: 75 Resp: 203950

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

39 42.0 35.1 52.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

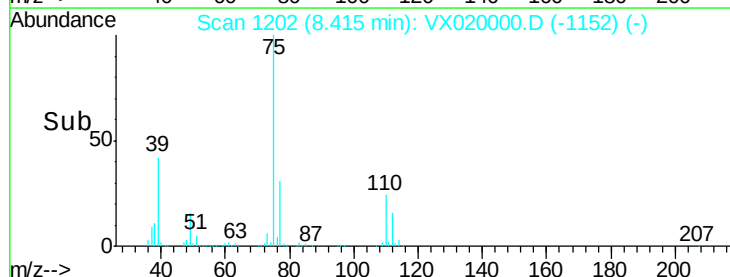
150000

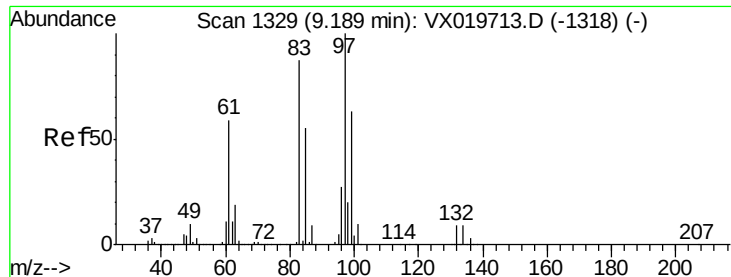
100000

50000

0

Time--> 8.30 8.40 8.50

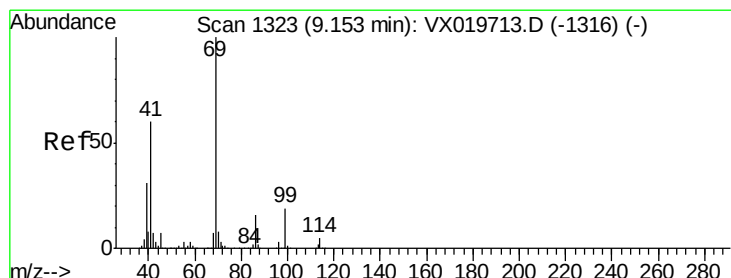
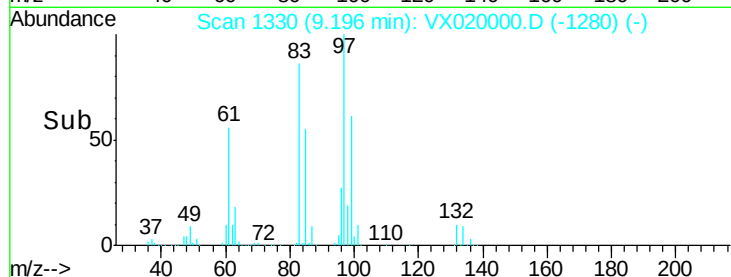
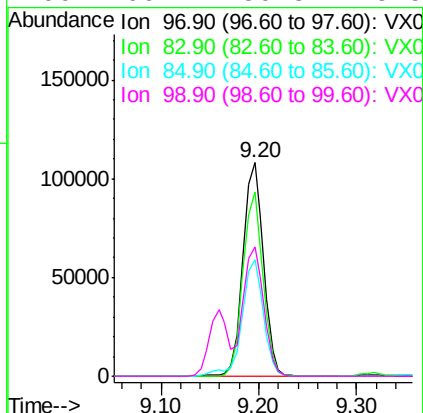
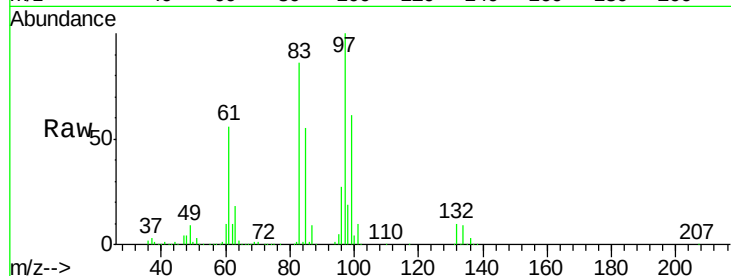




#55
 1,1,2-Trichloroethane
 Concen: 55.970 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

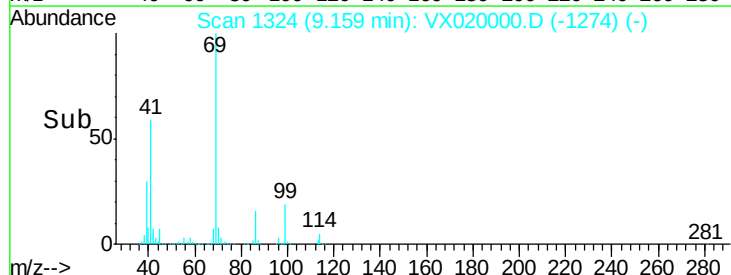
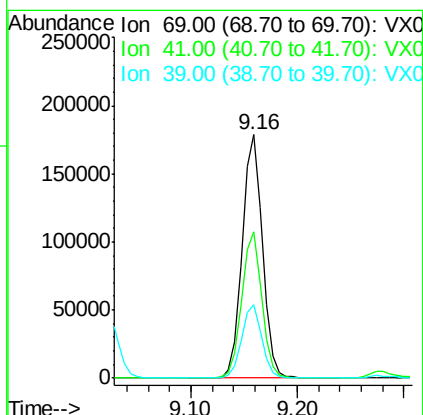
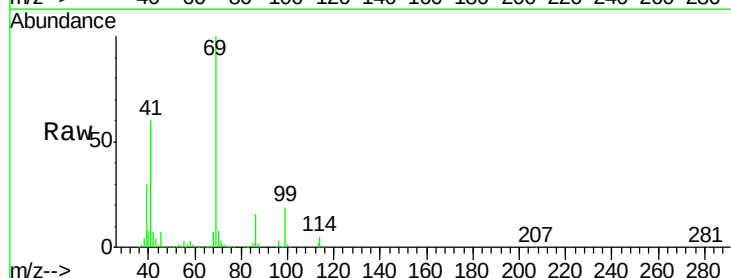
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

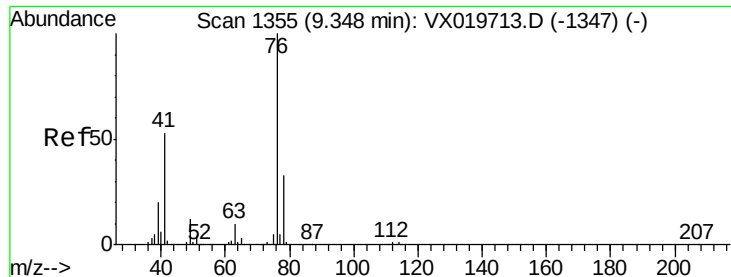
Tgt Ion:	97	Resp:	157305
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.3	103.9
85	54.8	44.3	66.5
99	60.7	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 56.031 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion:	69	Resp:	238254
Ion	Ratio	Lower	Upper
69	100		
41	59.3	46.8	70.2
39	30.4	24.7	37.1

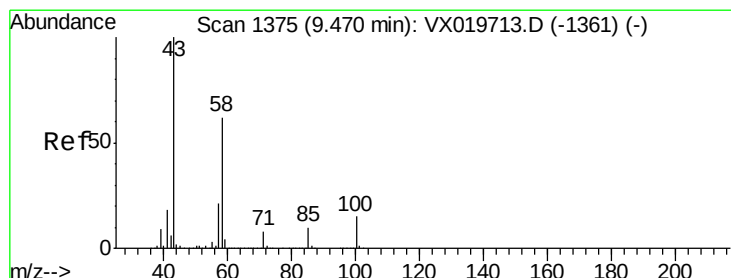
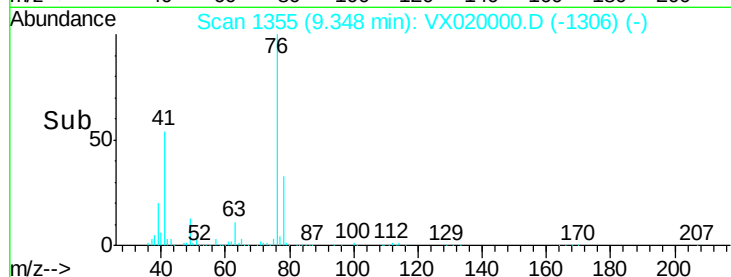
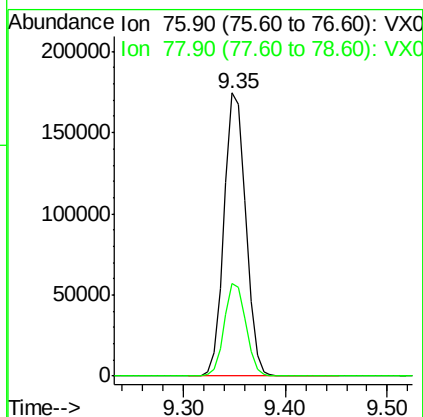
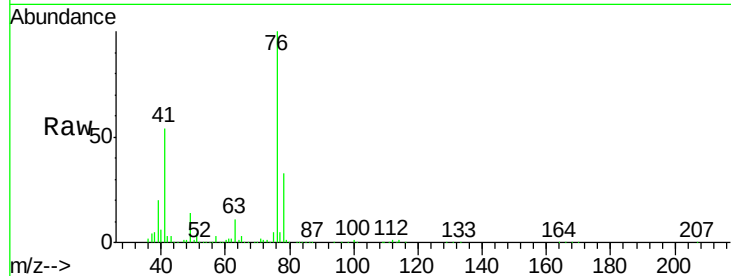




#57
 1,3-Dichloropropane
 Concen: 53.738 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

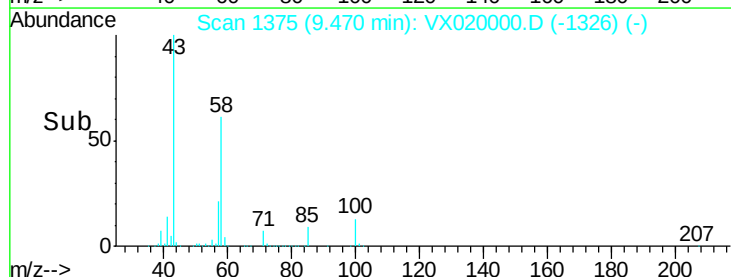
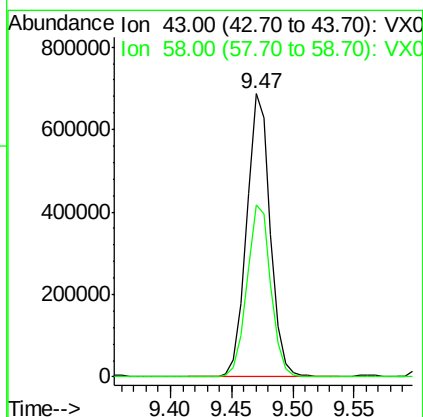
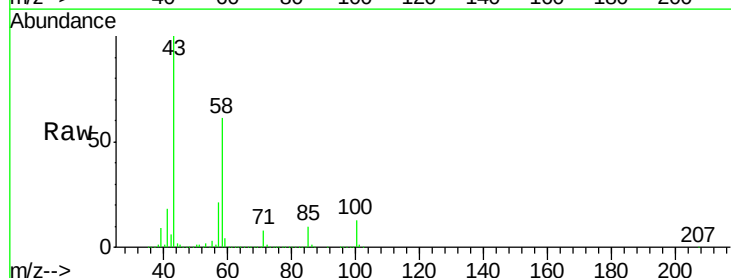
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

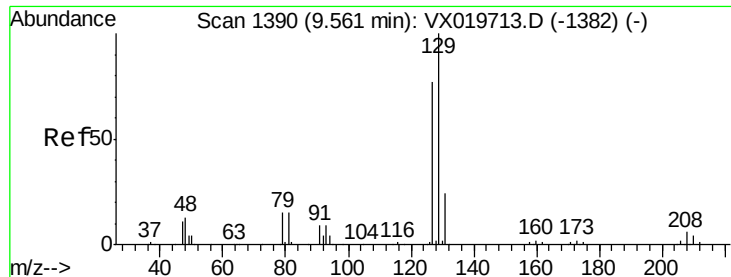
Tgt Ion: 76 Resp: 257888
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2



#59
 2-Hexanone
 Concen: 323.264 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion: 43 Resp: 916698
 Ion Ratio Lower Upper
 43 100
 58 61.6 30.9 92.8





#60

Dibromochloromethane

Concen: 55.265 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

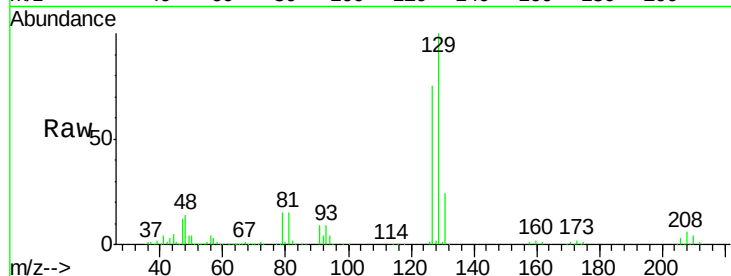
TU032-32-5229-121020MS

Tgt Ion:129 Resp: 157806

Ion Ratio Lower Upper

129 100

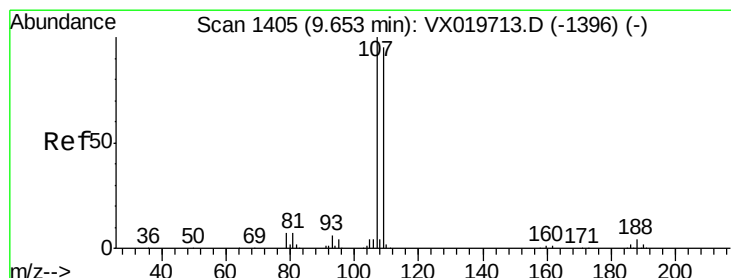
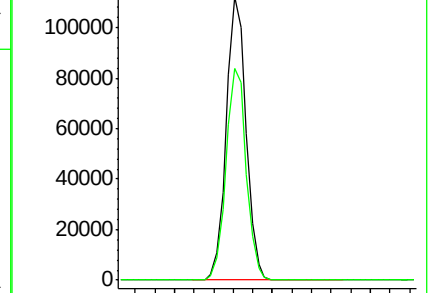
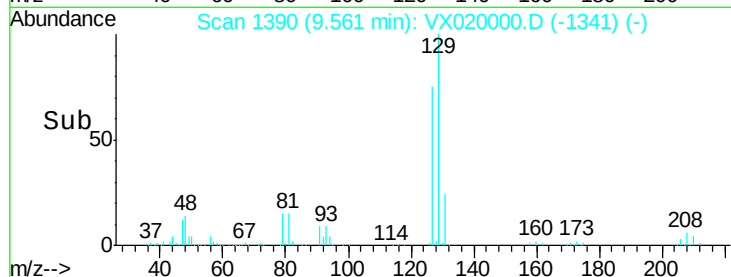
127 75.9 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.56



#61

1,2-Dibromoethane

Concen: 53.785 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX020000.D

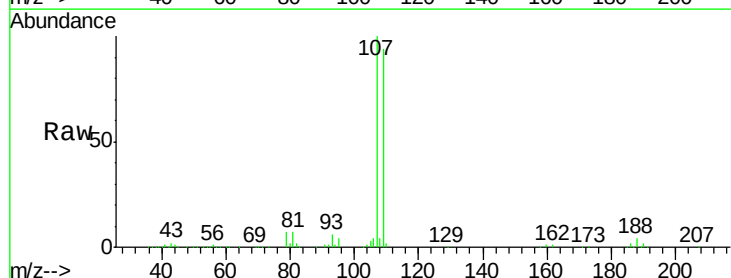
Acq: 14 Dec 2020 20:31

Tgt Ion:107 Resp: 160515

Ion Ratio Lower Upper

107 100

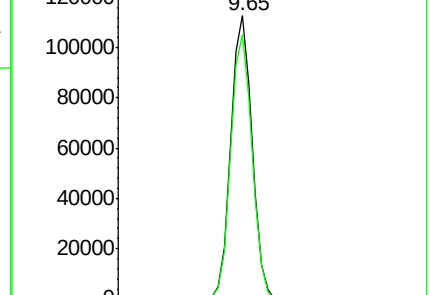
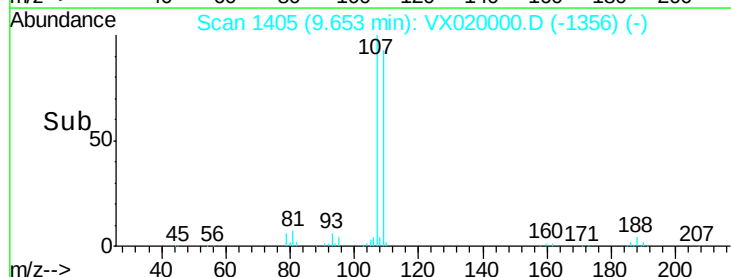
109 94.3 75.8 113.6

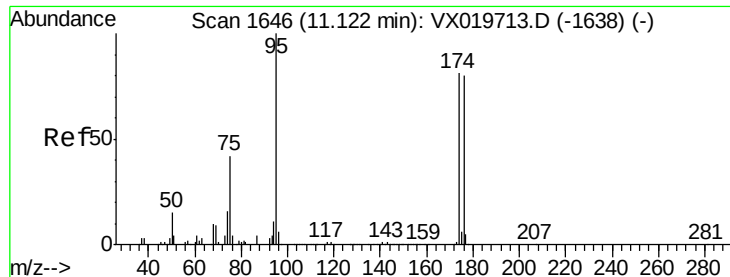


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65





#62

4-Bromofluorobenzene

Concen: 48.787 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS

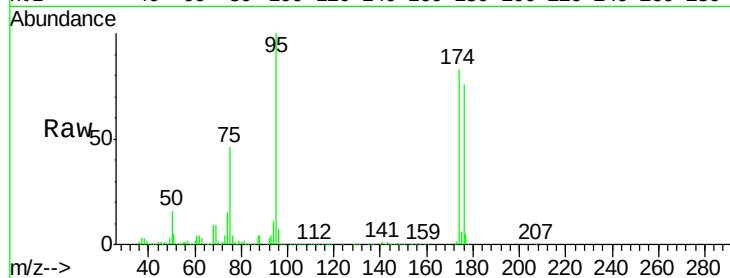
Tgt Ion: 95 Resp: 185082

Ion Ratio Lower Upper

95 100

174 77.0 0.0 154.6

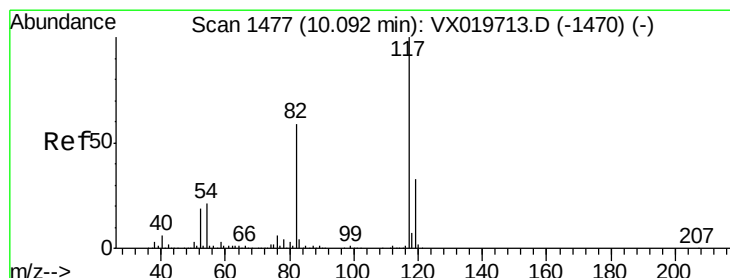
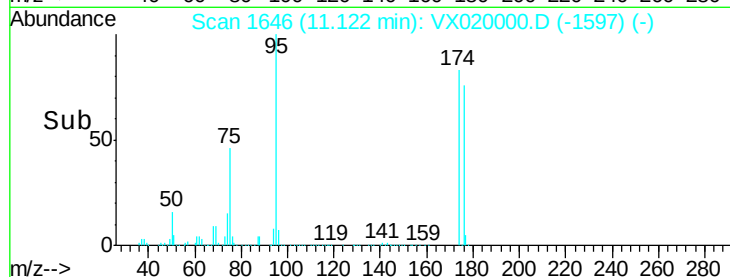
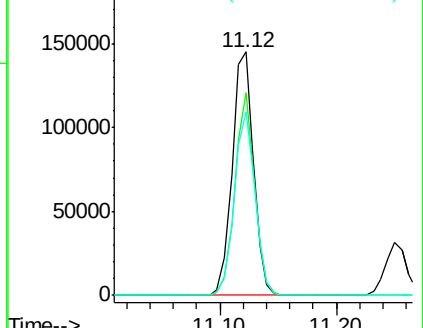
176 73.2 0.0 155.8



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: VX020000.D

Acq: 14 Dec 2020 20:31

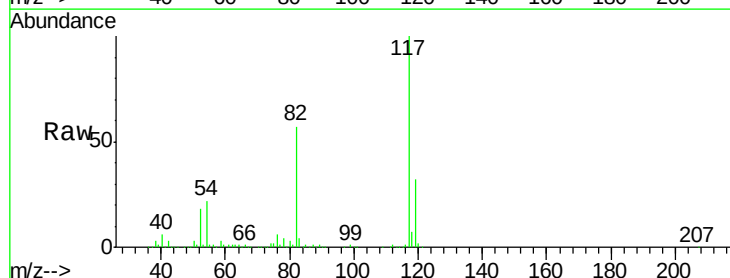
Tgt Ion: 117 Resp: 375937

Ion Ratio Lower Upper

117 100

82 57.0 47.4 71.2

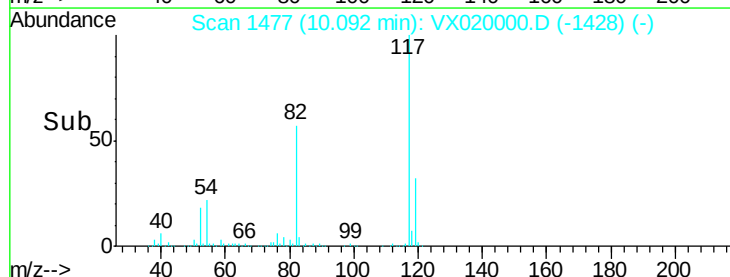
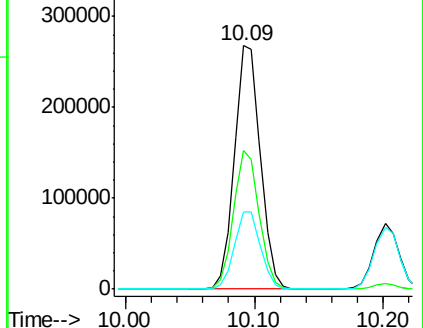
119 31.8 26.6 39.8

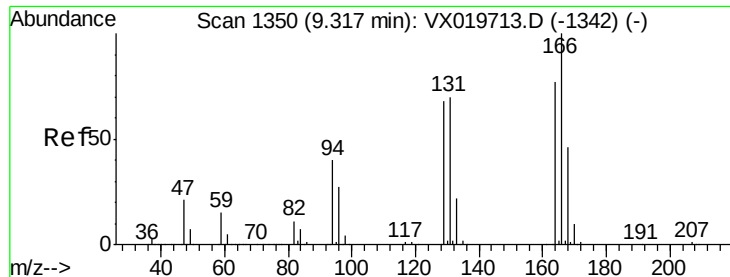


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

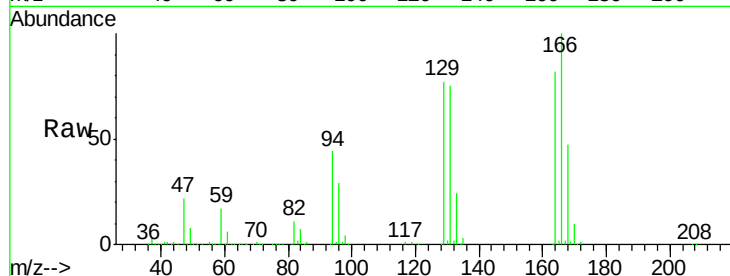




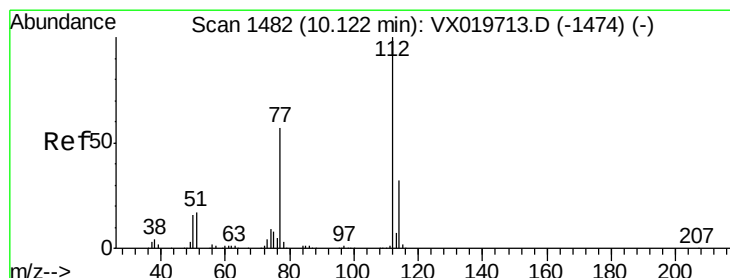
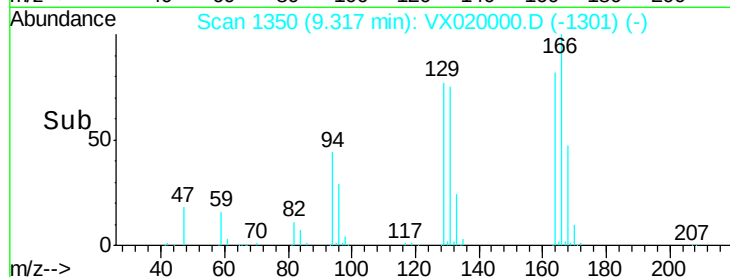
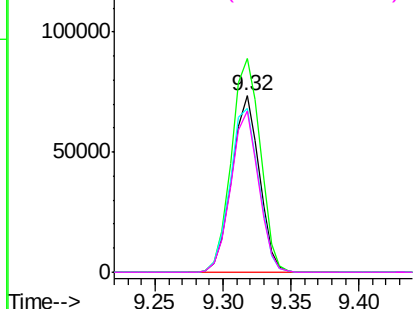
#64
Tetrachloroethene
Concen: 41.092 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

Tgt Ion:164 Resp: 103596
Ion Ratio Lower Upper
164 100
166 121.2 103.4 155.2
129 92.9 70.8 106.2
131 91.3 72.5 108.7

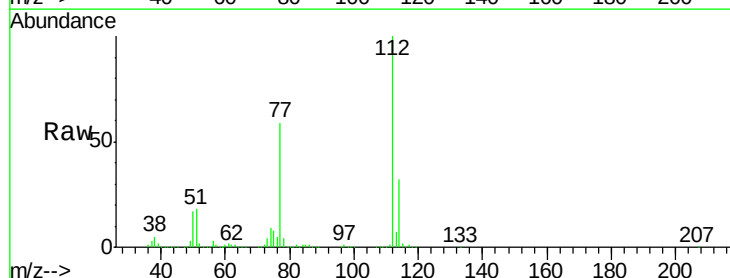


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

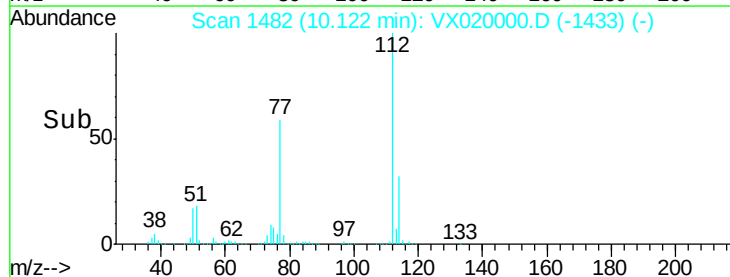
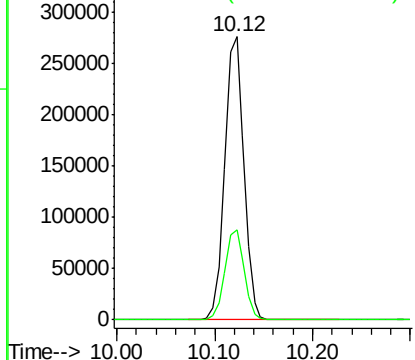


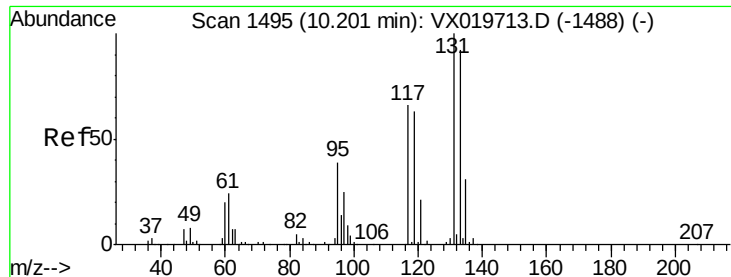
#65
Chlorobenzene
Concen: 50.023 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Tgt Ion:112 Resp: 374655
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

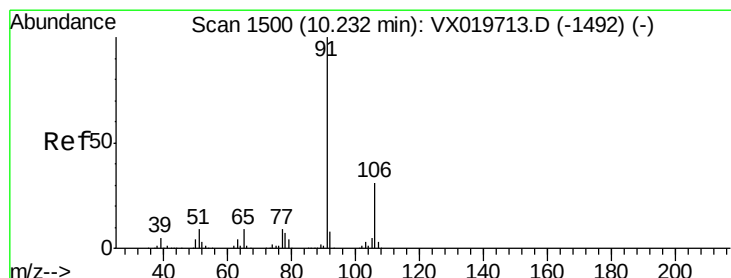
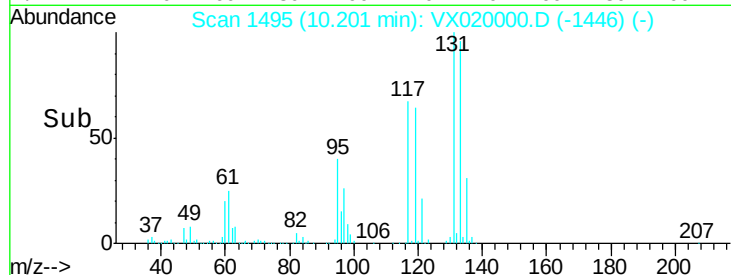
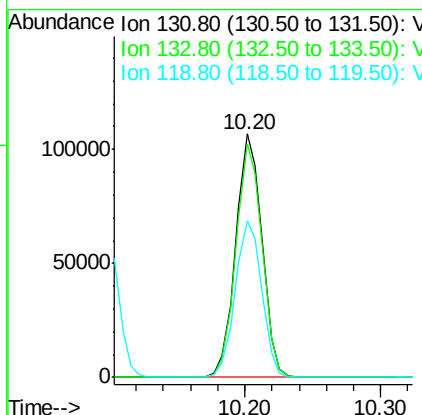
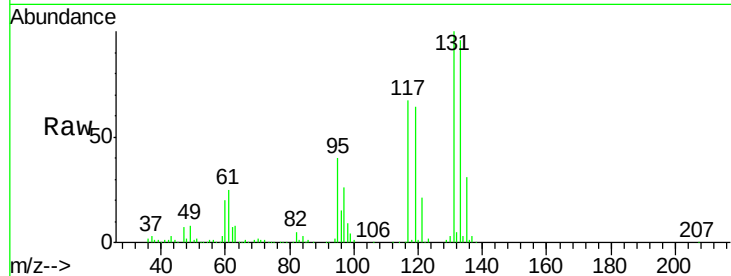




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.039 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

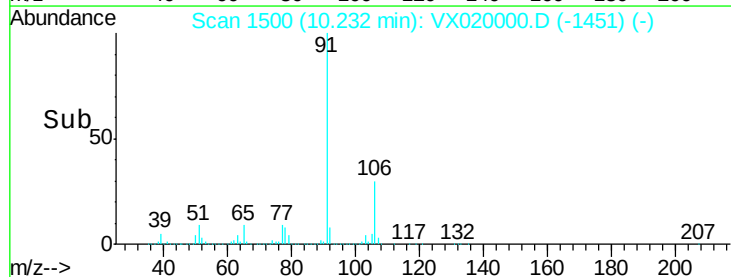
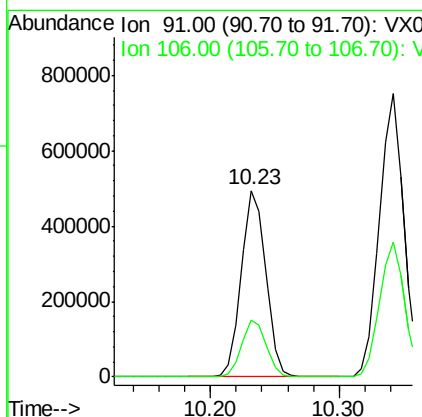
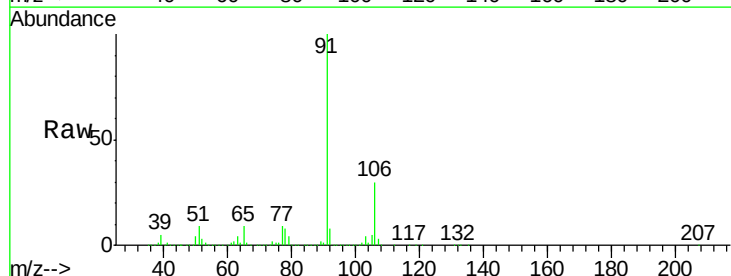
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

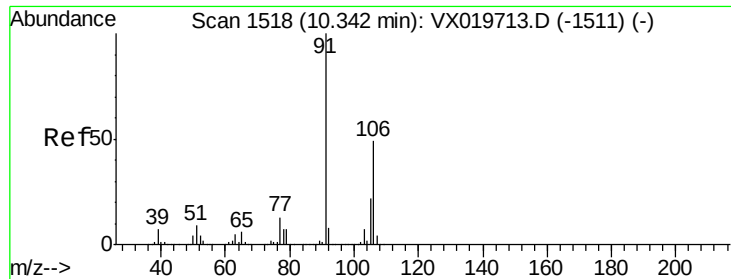
Tgt Ion: 131 Resp: 142979
 Ion Ratio Lower Upper
 131 100
 133 95.5 47.7 143.1
 119 65.2 32.1 96.5



#67
 Ethyl Benzene
 Concen: 48.807 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion: 91 Resp: 648865
 Ion Ratio Lower Upper
 91 100
 106 30.3 24.6 37.0





#68

m/p-Xylenes

Concen: 94.939 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

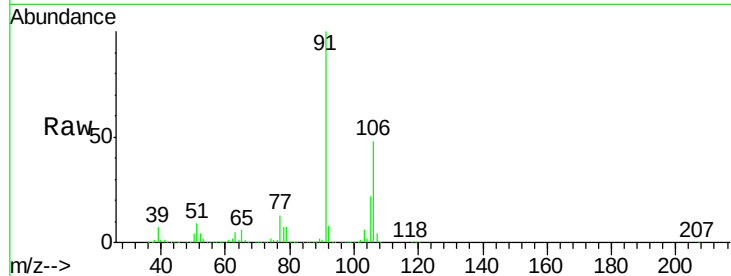
TU032-32-5229-121020MS

Tgt Ion:106 Resp: 475606

Ion Ratio Lower Upper

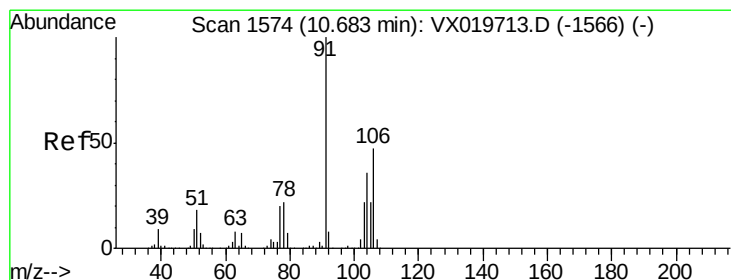
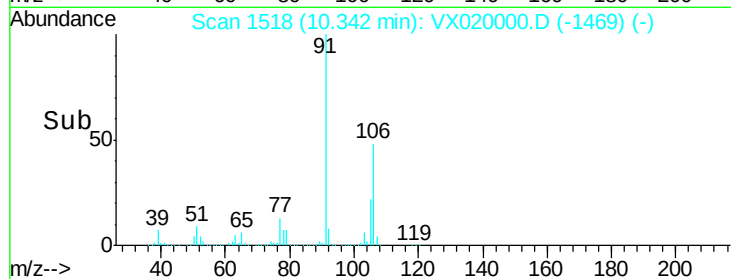
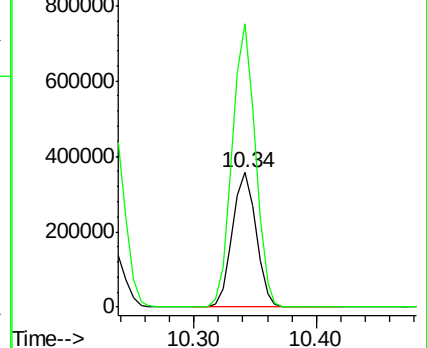
106 100

91 206.3 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.808 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX020000.D

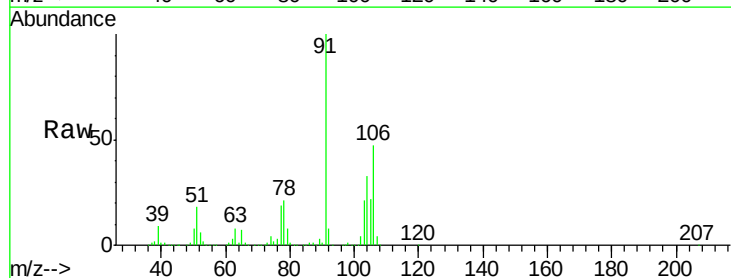
Acq: 14 Dec 2020 20:31

Tgt Ion:106 Resp: 235202

Ion Ratio Lower Upper

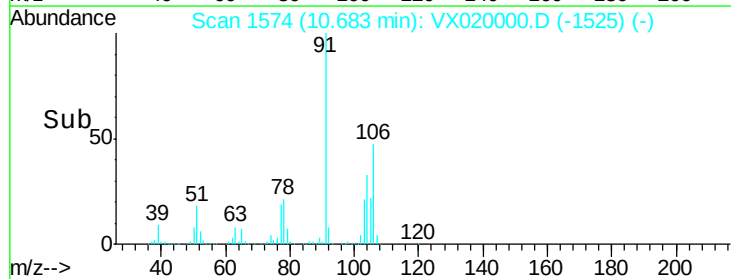
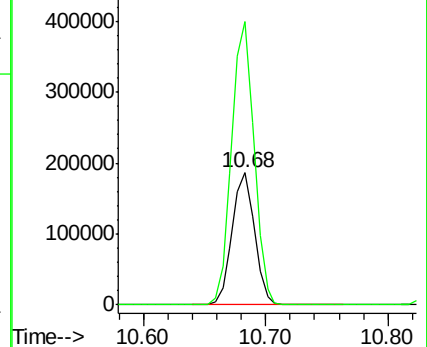
106 100

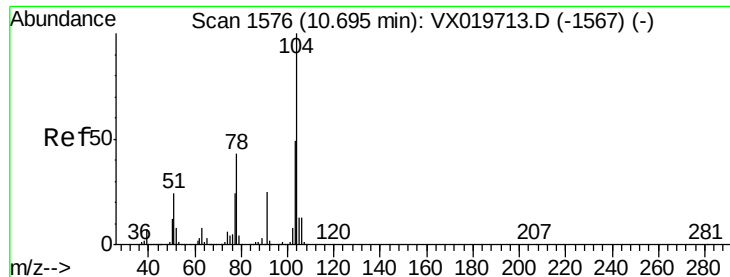
91 215.6 108.1 324.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 51.614 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS

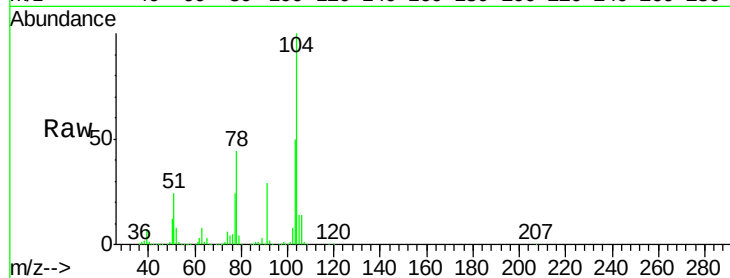
Tgt Ion:104 Resp: 419821

Ion Ratio Lower Upper

104 100

78 49.5 40.0 60.0

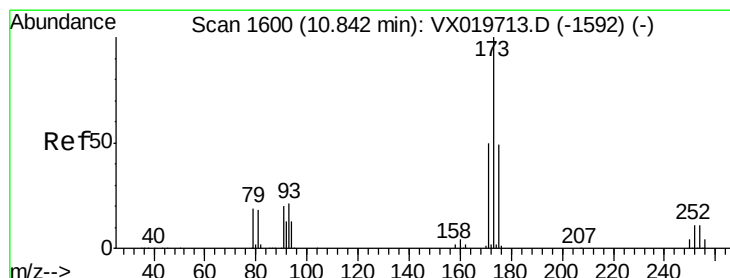
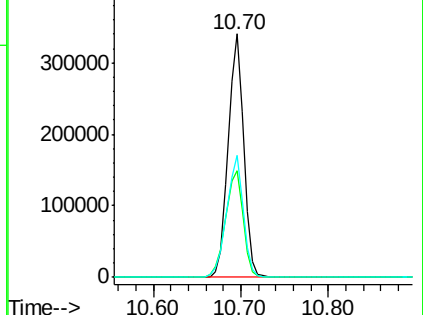
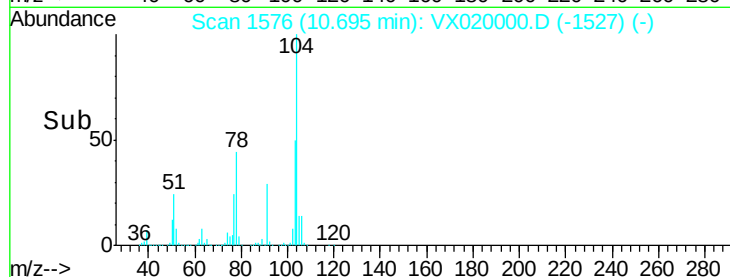
103 53.3 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 57.259 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

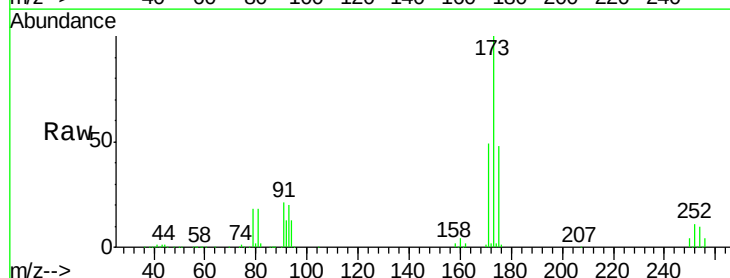
Tgt Ion:173 Resp: 121429

Ion Ratio Lower Upper

173 100

175 47.5 23.9 71.8

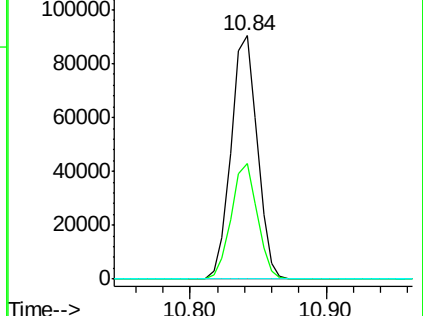
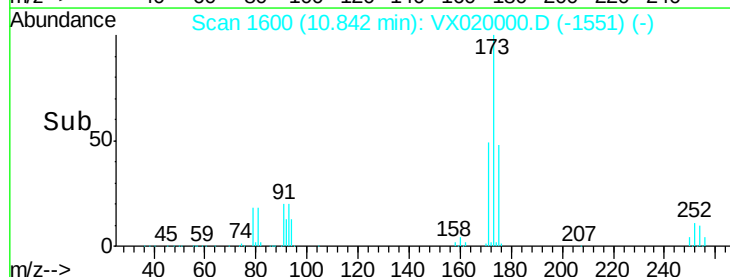
254 0.1 0.1 0.1

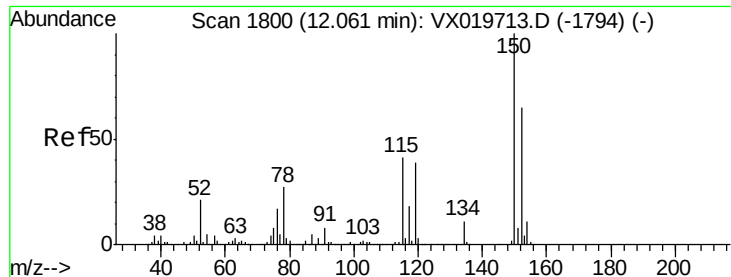


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS

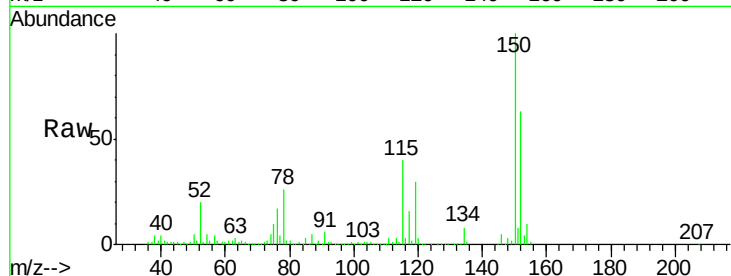
Tgt Ion:152 Resp: 171832

Ion Ratio Lower Upper

152 100

115 76.6 41.1 123.3

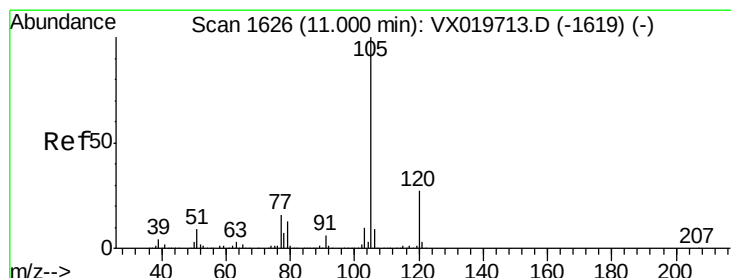
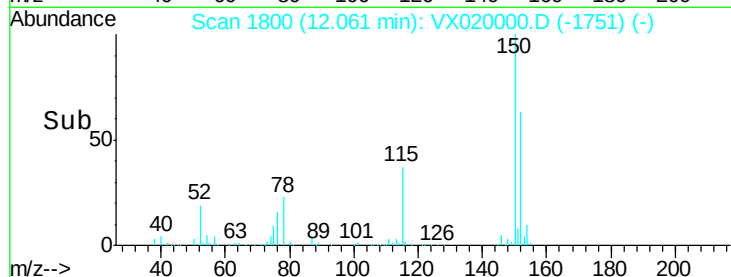
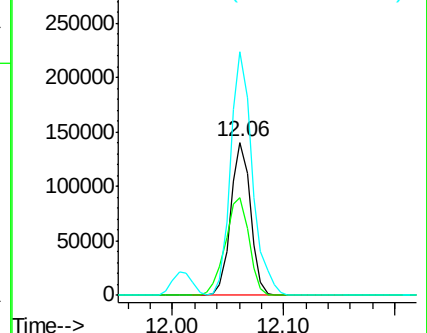
150 175.7 0.0 349.0



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: 48.263 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX020000.D

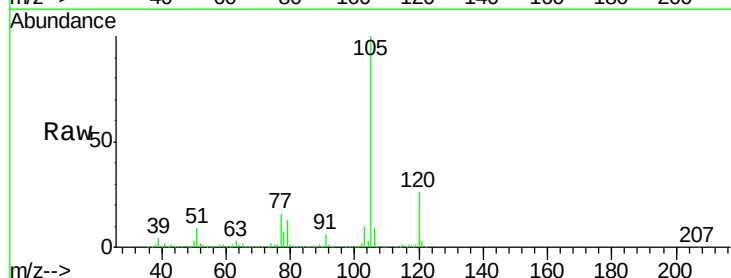
Acq: 14 Dec 2020 20:31

Tgt Ion:105 Resp: 566585

Ion Ratio Lower Upper

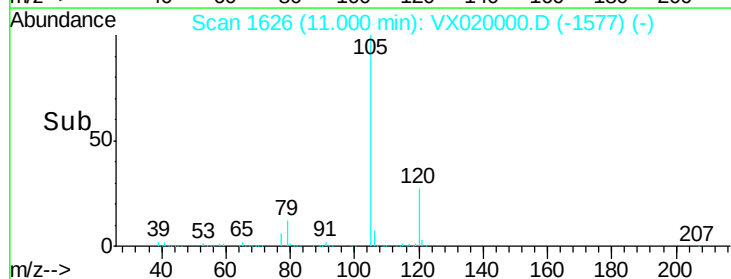
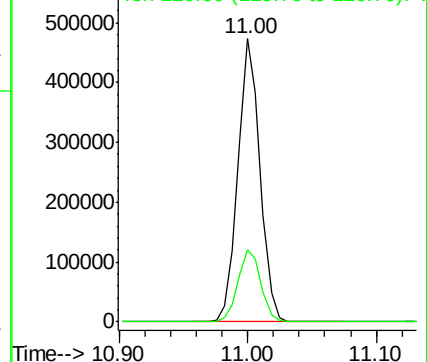
105 100

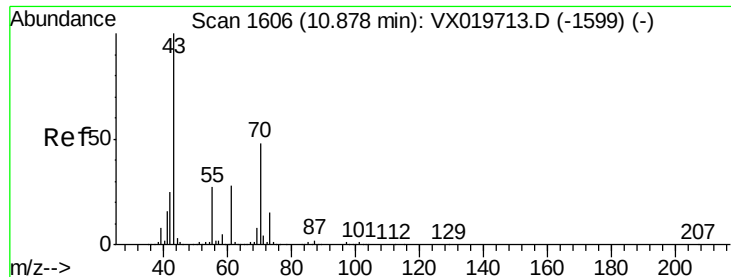
120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 67.385 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS

Tgt Ion: 43 Resp: 317012

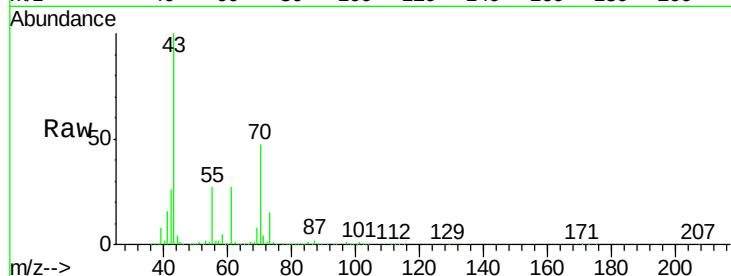
Ion Ratio Lower Upper

43 100

70 49.3 39.0 58.6

55 27.2 21.5 32.3

61 26.4 22.1 33.1

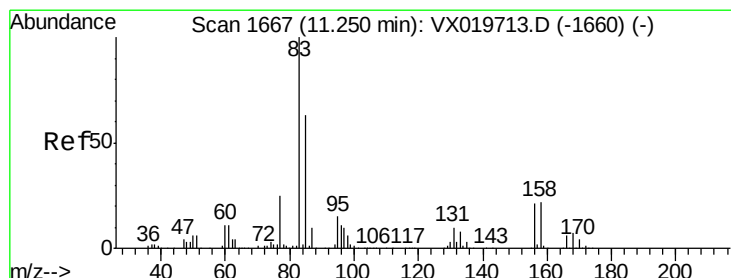
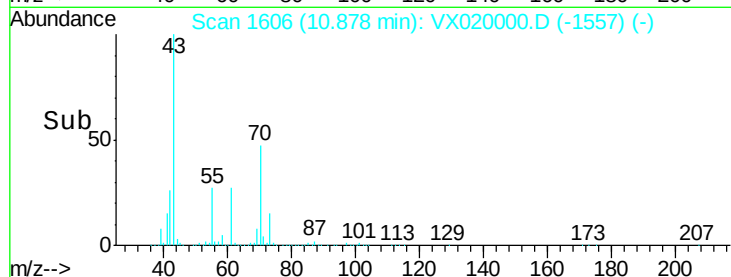
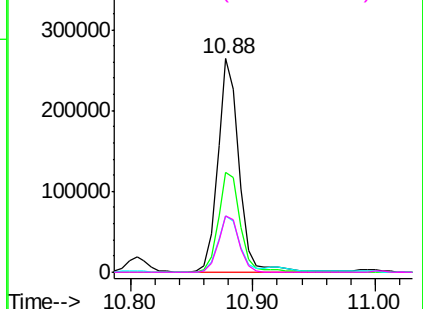


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 64.860 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

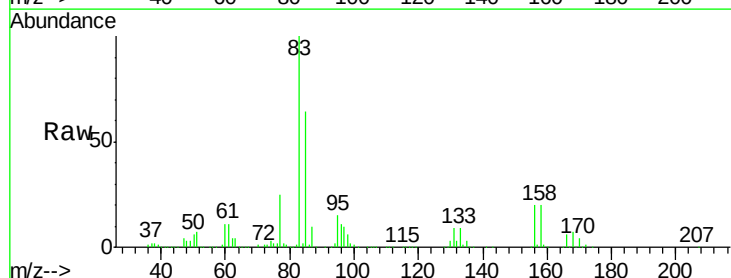
Tgt Ion: 83 Resp: 268447

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.2

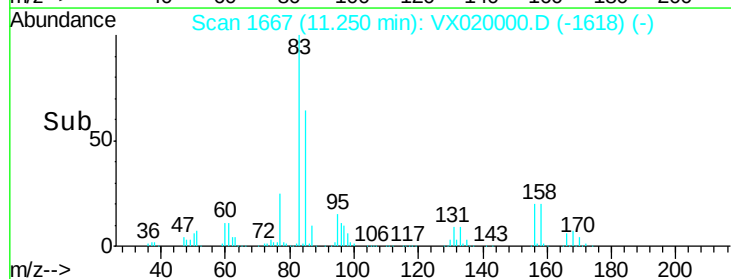
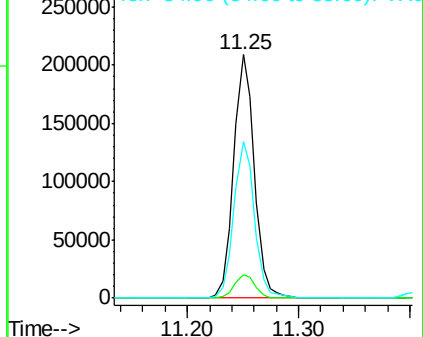
85 64.4 31.8 95.4

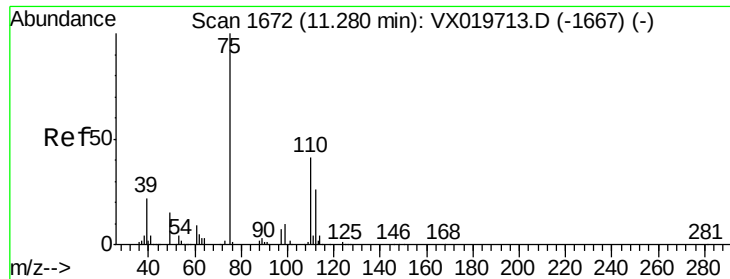


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

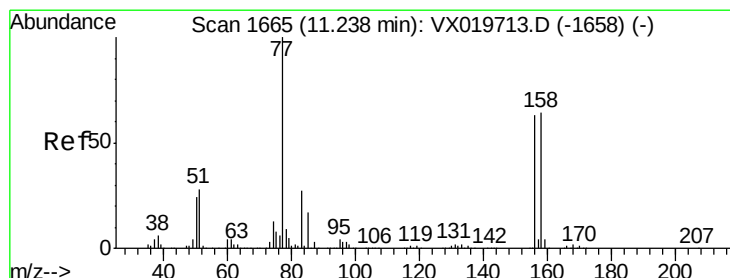
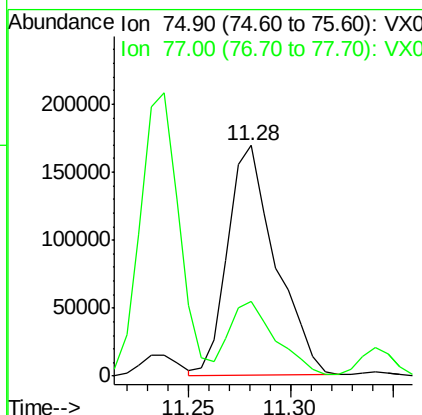
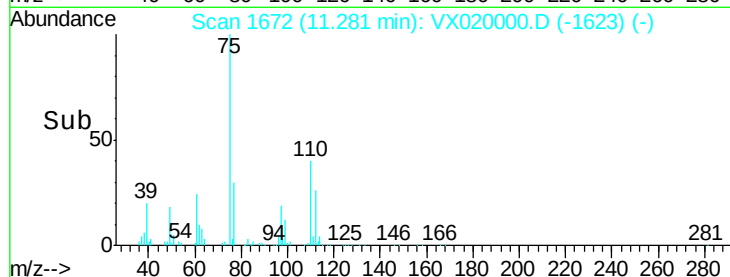
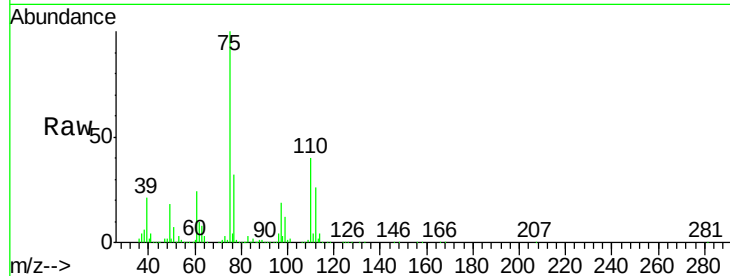




#76
 1,2,3-Trichloropropane
 Concen: 71.522 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

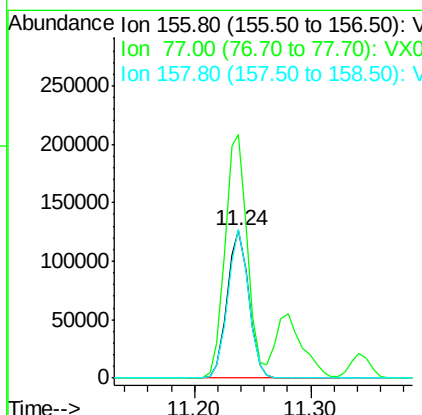
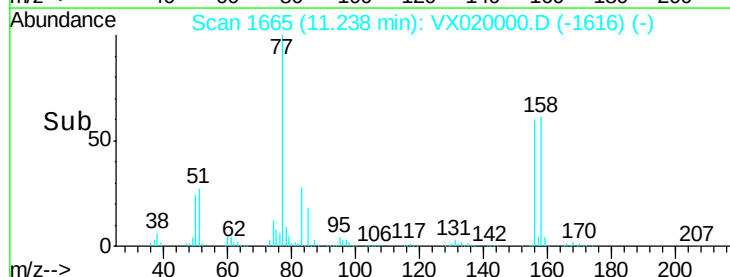
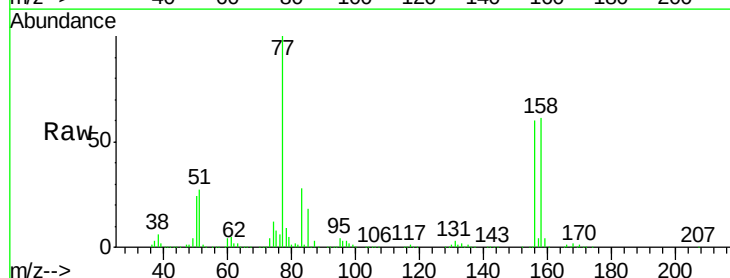
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

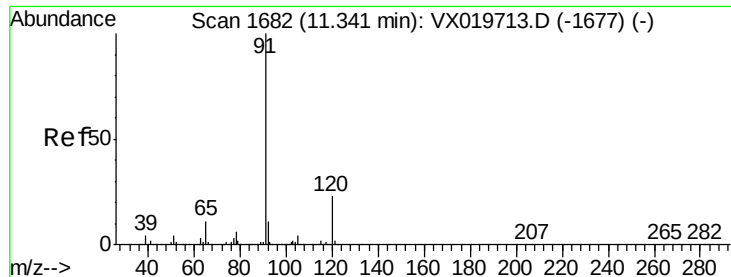
Tgt Ion: 75 Resp: 275637
 Ion Ratio Lower Upper
 75 100
 77 31.5 19.1 57.5



#77
 Bromobenzene
 Concen: 53.820 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion: 156 Resp: 161688
 Ion Ratio Lower Upper
 156 100
 77 170.5 82.8 248.6
 158 97.8 49.1 147.4

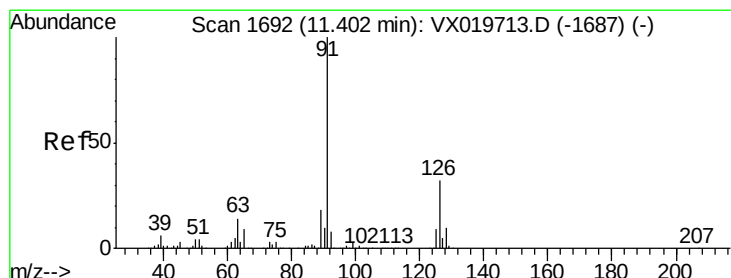
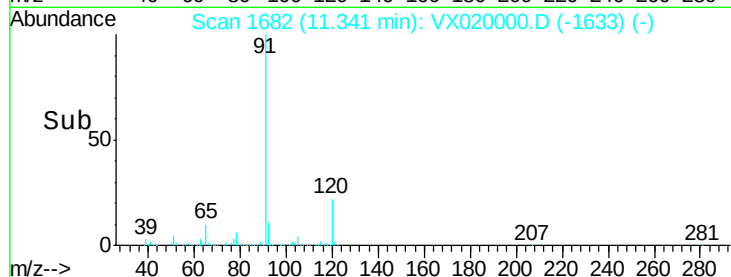
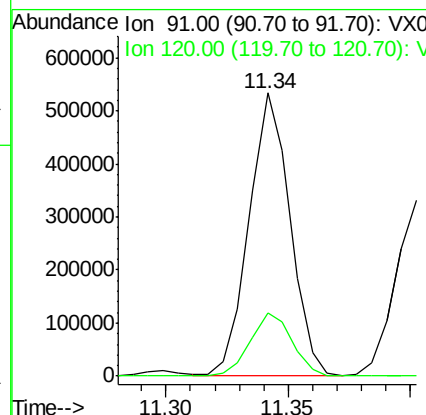
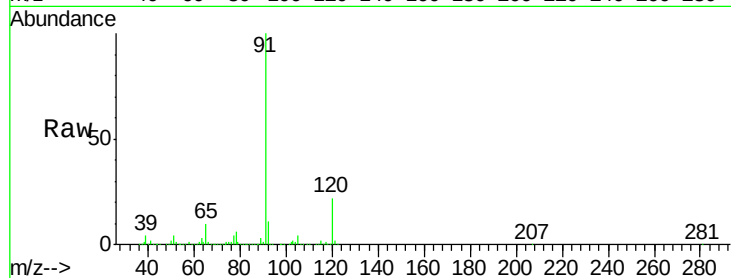




#78
n-propylbenzene
Concen: 46.105 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

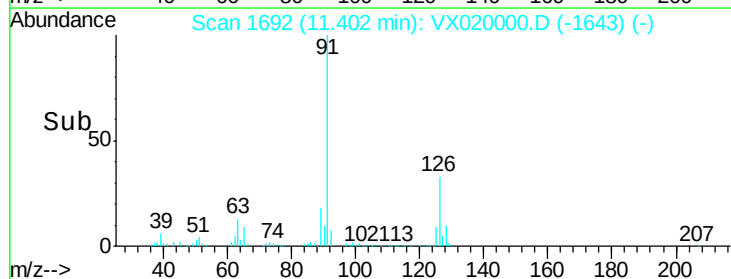
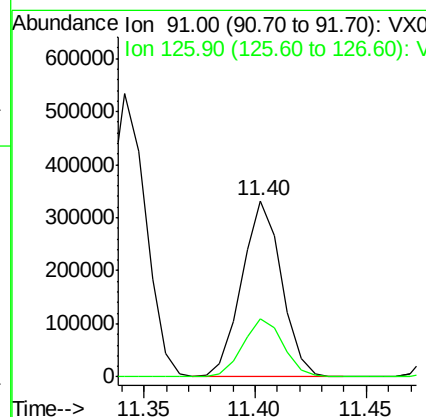
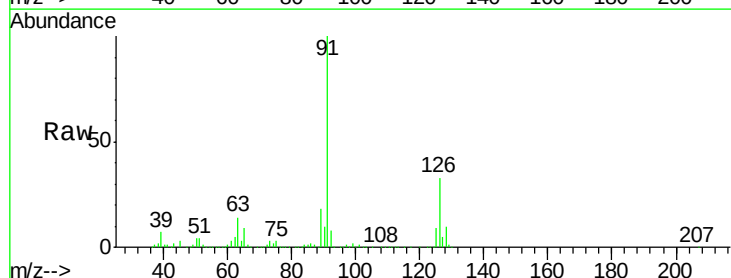
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

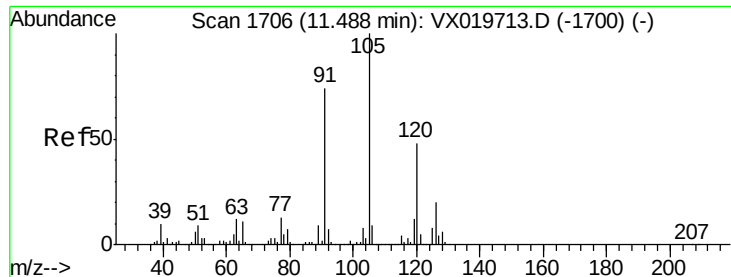
Tgt Ion: 91 Resp: 618186
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5



#79
2-Chlorotoluene
Concen: 50.007 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Tgt Ion: 91 Resp: 412912
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8

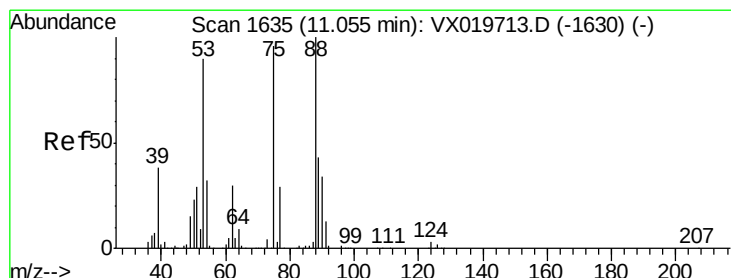
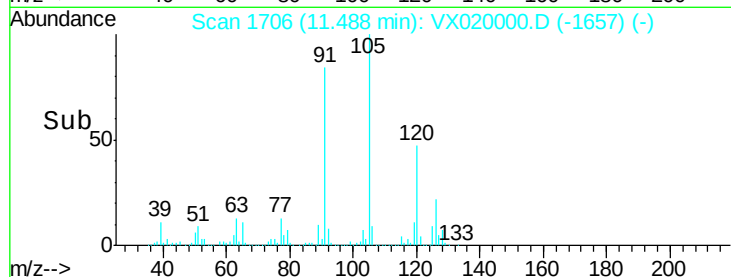
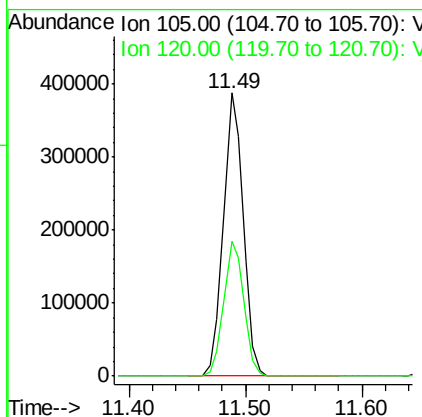
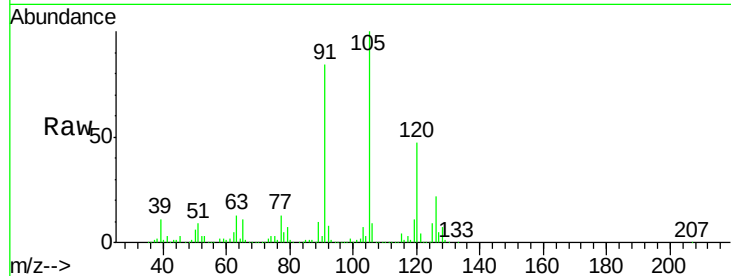




#80
 1,3,5-Trimethylbenzene
 Concen: 46.019 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

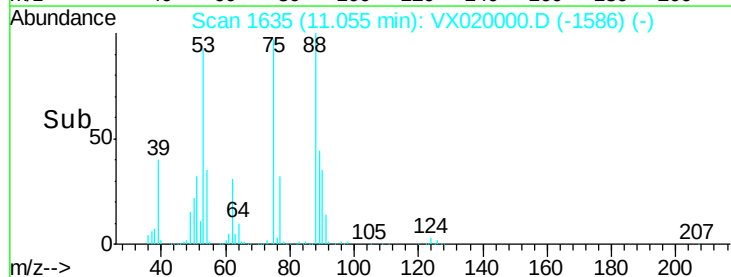
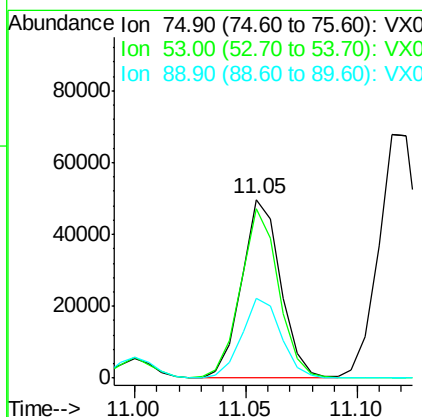
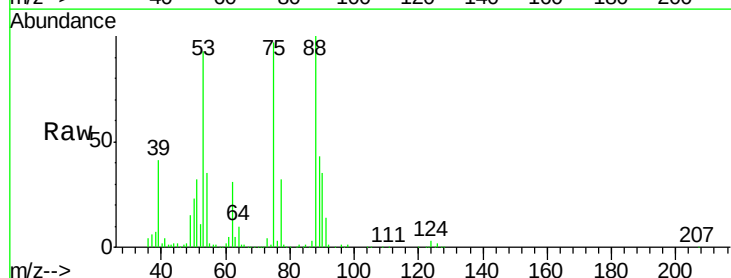
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

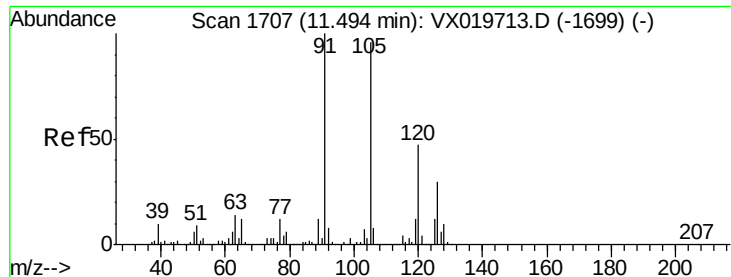
Tgt Ion:105 Resp: 455942
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.8 71.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.353 ug/l
 RT: 11.05 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion: 75 Resp: 60462
 Ion Ratio Lower Upper
 75 100
 53 93.2 74.5 111.7
 89 45.5 37.9 56.9

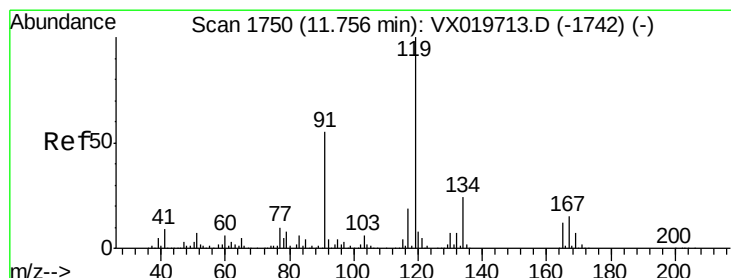
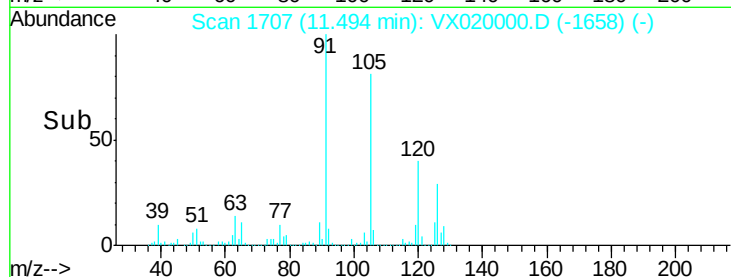
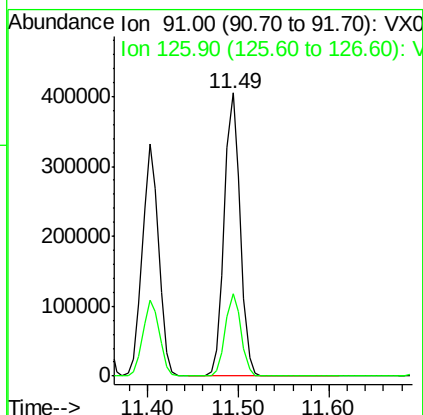
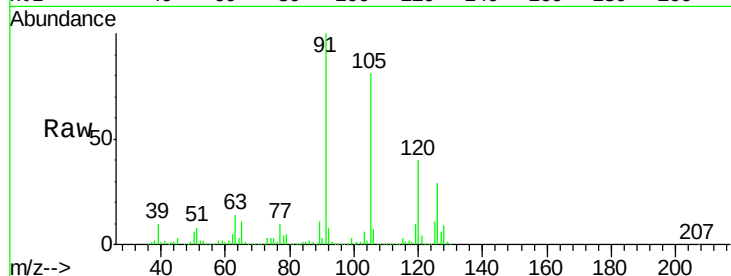




#82
4-Chlorotoluene
Concen: 51.009 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

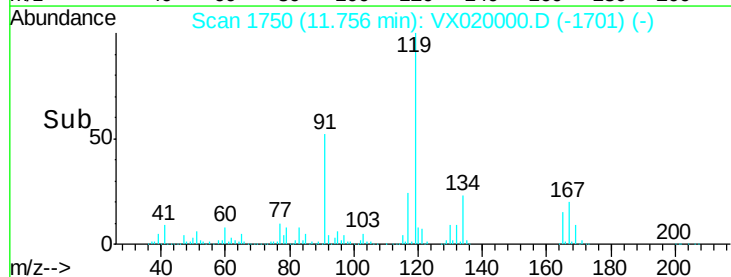
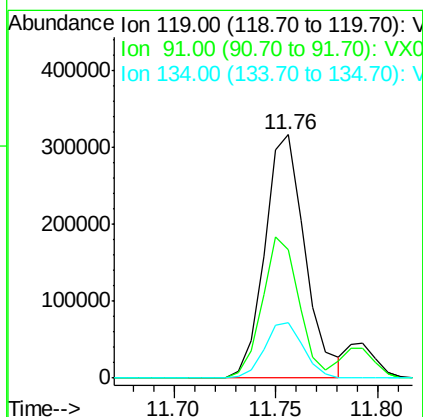
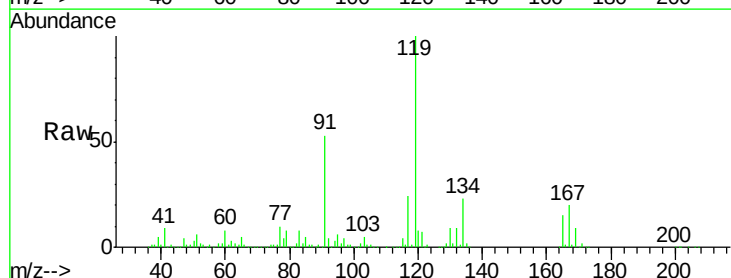
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

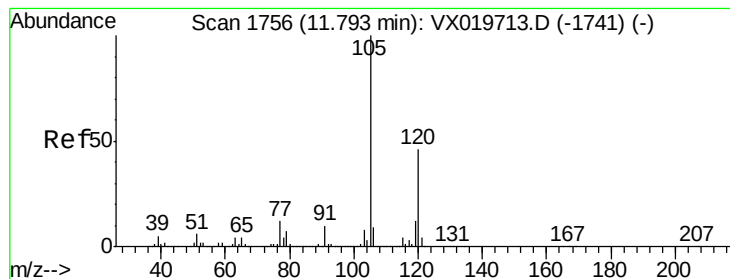
Tgt Ion: 91 Resp: 493281
Ion Ratio Lower Upper
91 100
126 28.8 14.9 44.5



#83
tert-Butylbenzene
Concen: 44.820 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Tgt Ion: 119 Resp: 435525
Ion Ratio Lower Upper
119 100
91 53.0 27.9 83.7
134 22.0 11.3 33.9





#84

1,2,4-Trimethylbenzene

Concen: 48.011 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

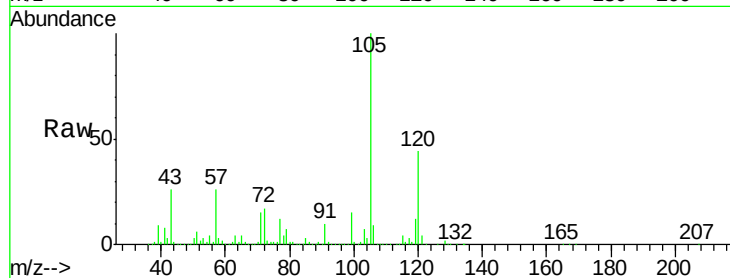
TU032-32-5229-121020MS

Tgt Ion:105 Resp: 479160

Ion Ratio Lower Upper

105 100

120 44.4 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.79

400000

300000

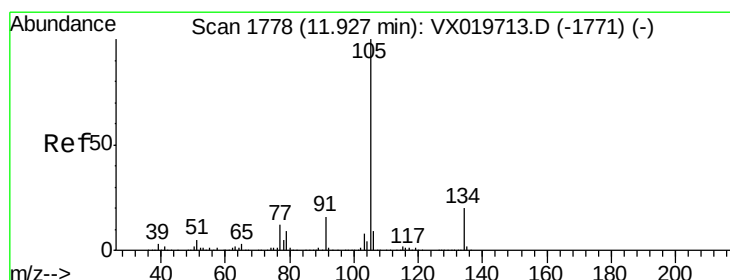
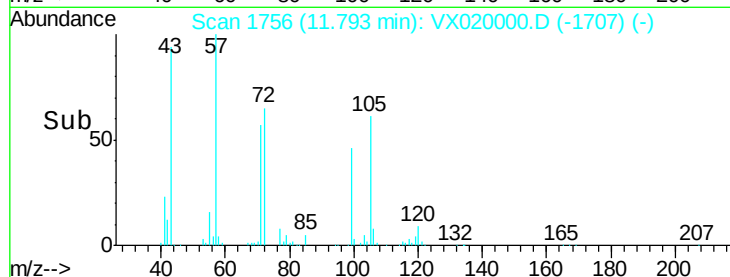
200000

100000

0

Time-->

11.70 11.80 11.90



#85

sec-Butylbenzene

Concen: 36.486 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX020000.D

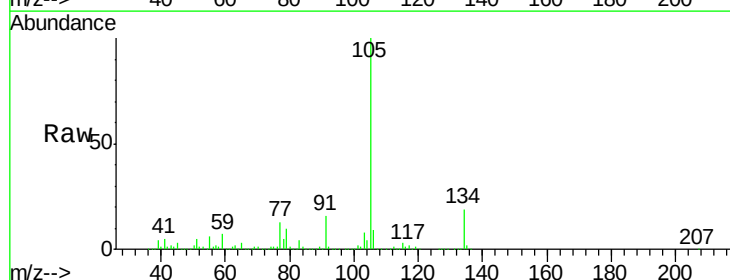
Acq: 14 Dec 2020 20:31

Tgt Ion:105 Resp: 404785

Ion Ratio Lower Upper

105 100

134 19.5 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

300000

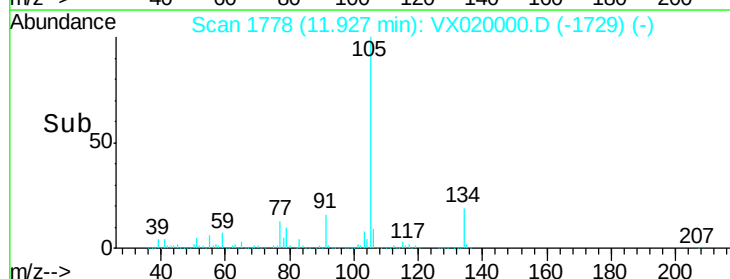
200000

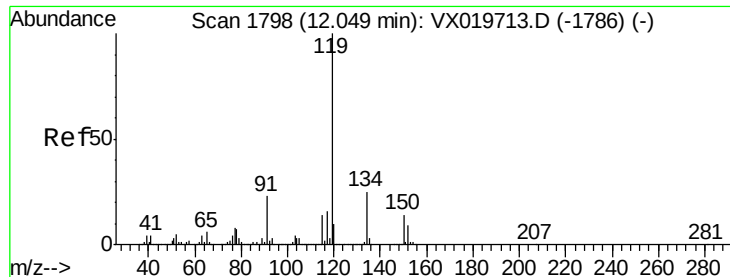
100000

0

Time-->

11.85 11.90 11.95 12.00

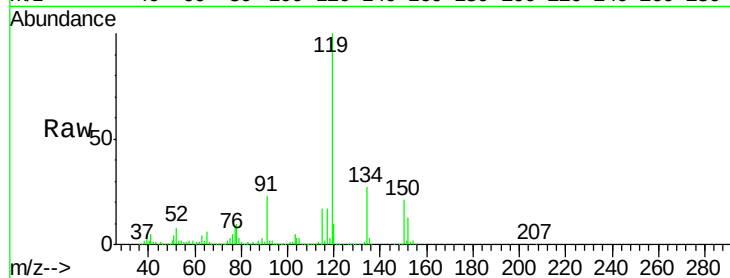




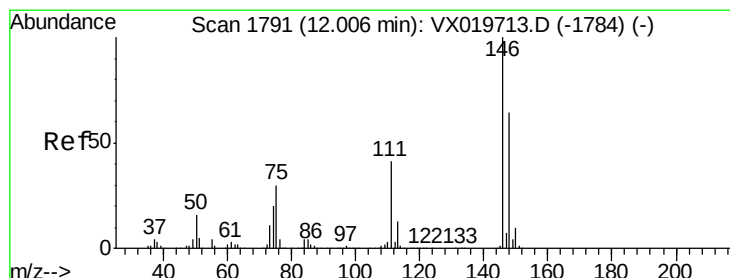
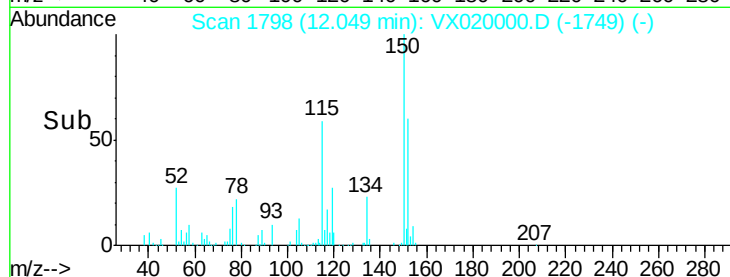
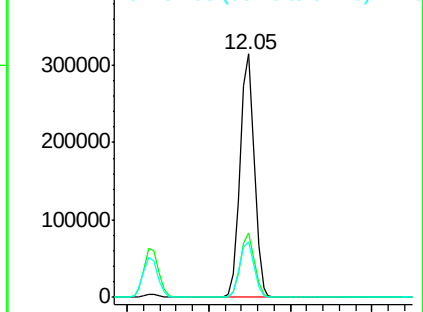
#86
p-Isopropyltoluene
Concen: 36.733 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5229-121020MS

Tgt Ion:119 Resp: 373488
Ion Ratio Lower Upper
119 100
134 25.8 12.9 38.7
91 23.5 11.7 35.0

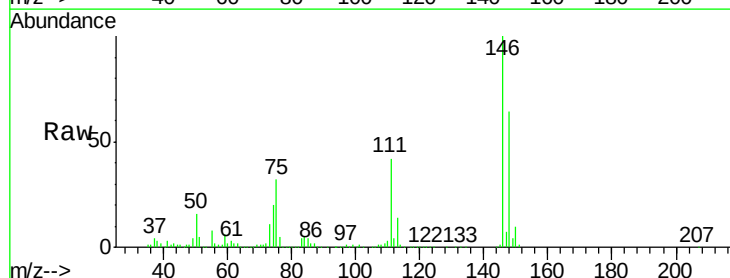


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

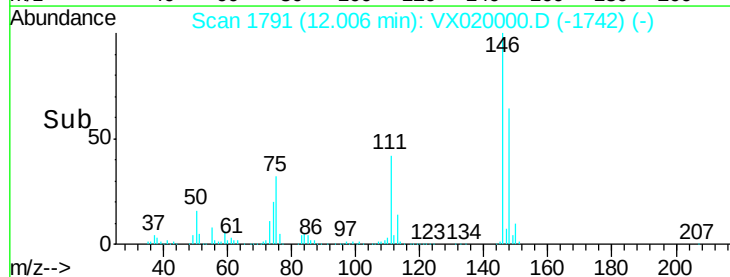
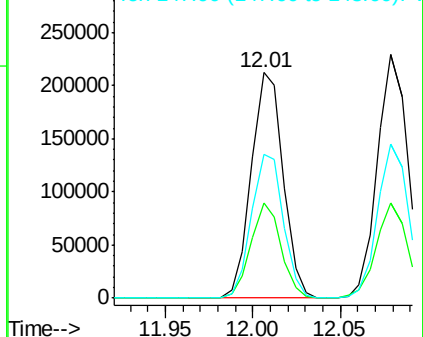


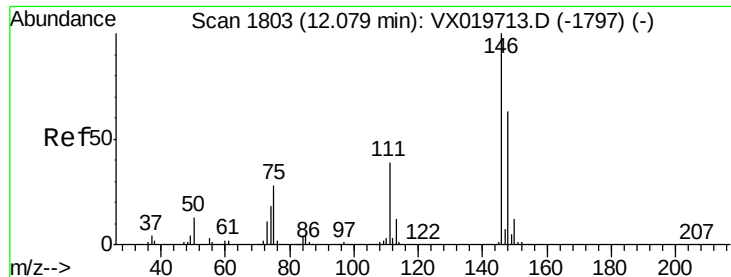
#87
1,3-Dichlorobenzene
Concen: 48.817 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX020000.D
Acq: 14 Dec 2020 20:31

Tgt Ion:146 Resp: 269177
Ion Ratio Lower Upper
146 100
111 40.1 20.2 60.5
148 64.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

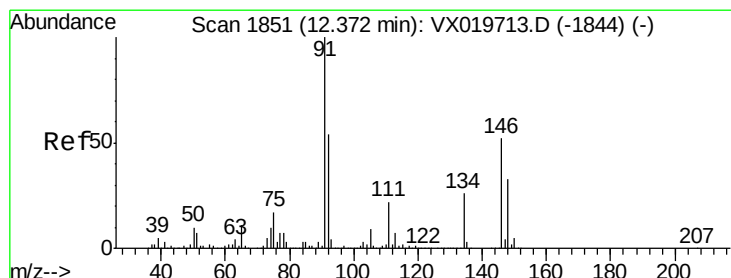
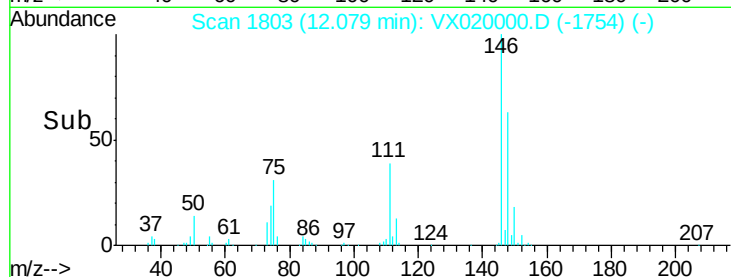
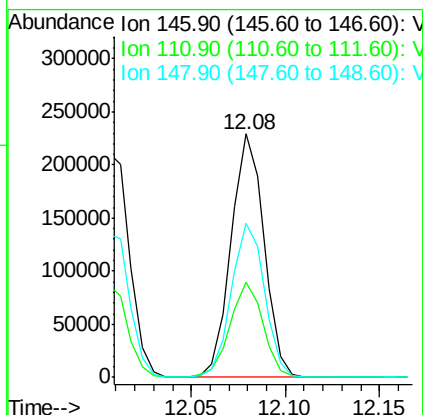
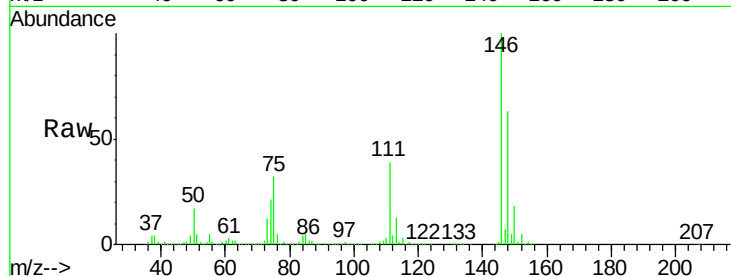




#88
 1,4-Dichlorobenzene
 Concen: 49.426 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

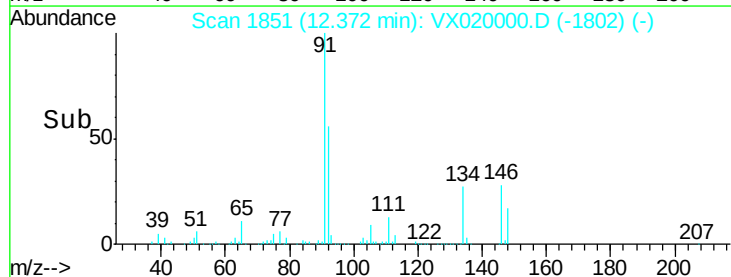
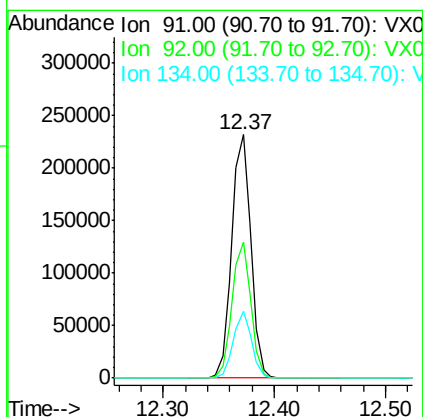
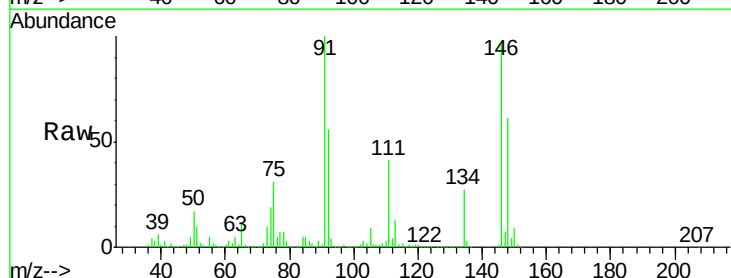
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

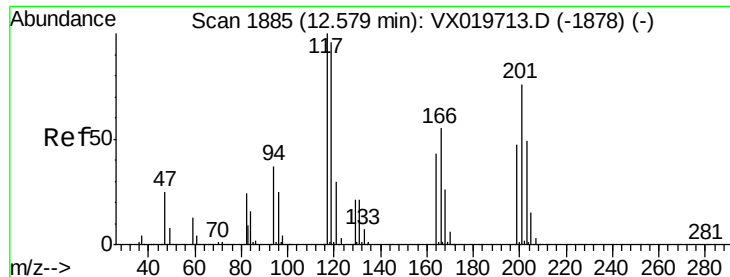
Tgt Ion: 146 Resp: 277582
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.8
 148 63.8 31.6 95.0



#89
 n-Butylbenzene
 Concen: 30.520 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX020000.D
 Acq: 14 Dec 2020 20:31

Tgt Ion: 91 Resp: 274929
 Ion Ratio Lower Upper
 91 100
 92 54.8 27.4 82.0
 134 26.1 13.2 39.5





#90

Hexachloroethane

Concen: 37.829 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

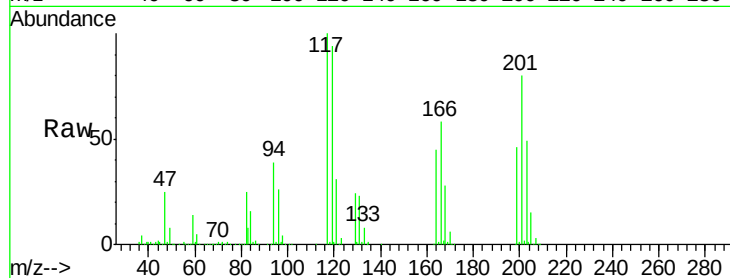
TU032-32-5229-121020MS

Tgt Ion:117 Resp: 66405

Ion Ratio Lower Upper

117 100

201 79.3 40.4 121.2

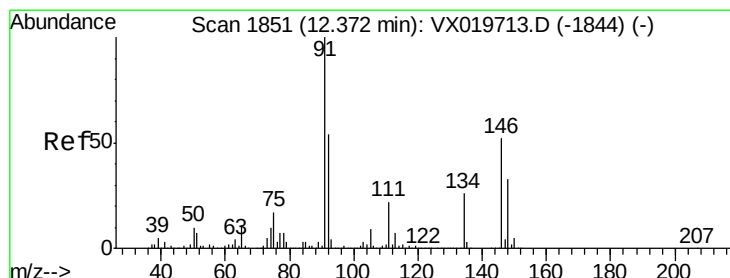
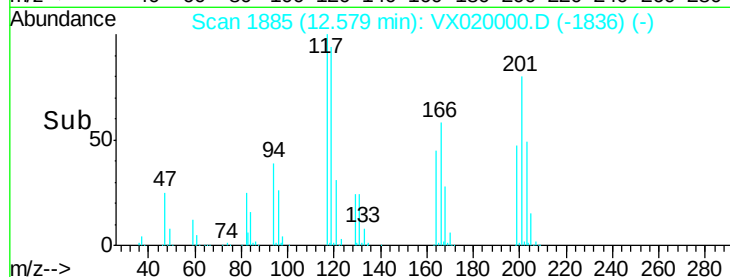


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

Time--> 12.50 12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 52.692 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

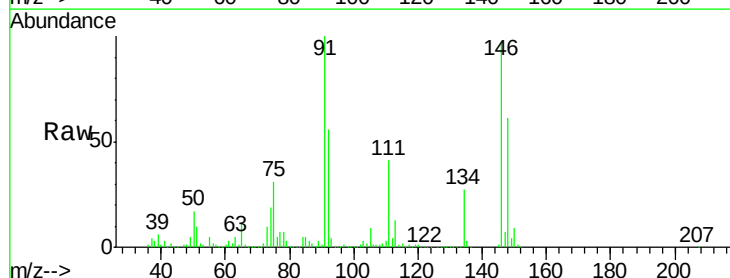
Tgt Ion:146 Resp: 283226

Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.2

148 62.3 31.9 95.5



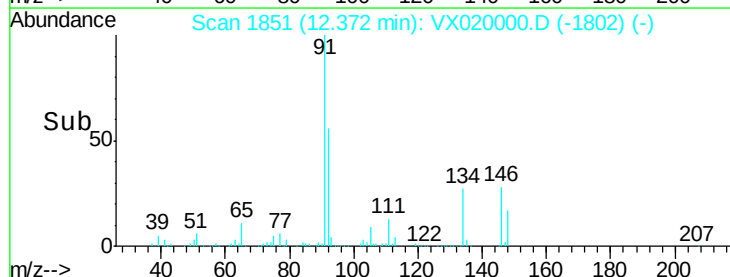
Abundance Ion 145.90 (145.60 to 146.60): V

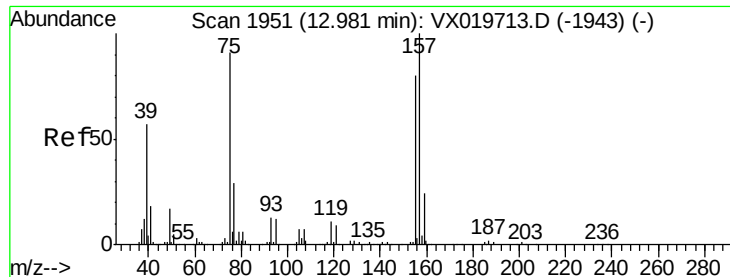
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.37

Time--> 12.30 12.40 12.50





#92

1,2-Dibromo-3-Chloropropane

Concen: 70.345 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS

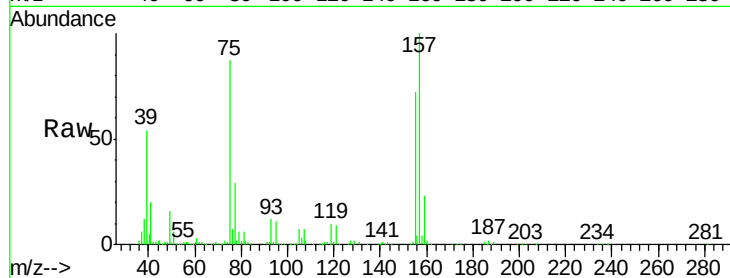
Tgt Ion: 75 Resp: 62590

Ion Ratio Lower Upper

75 100

155 86.4 45.3 135.9

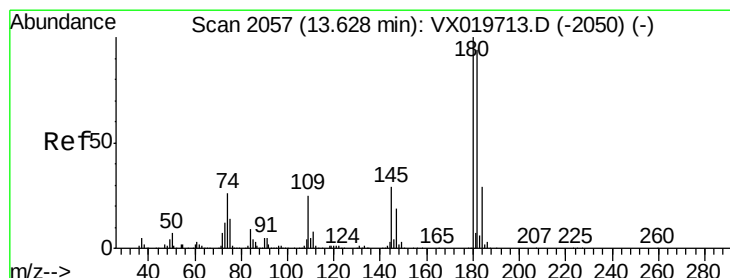
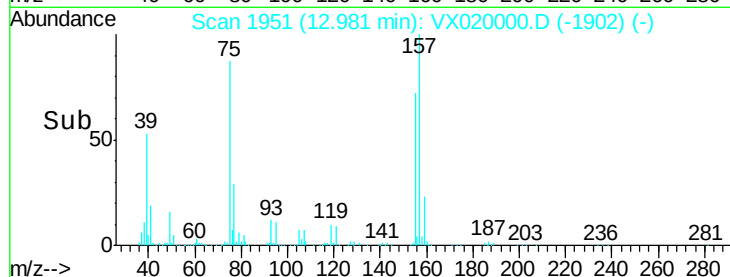
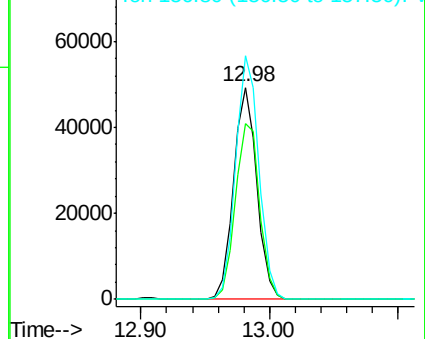
157 114.3 57.7 173.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 38.067 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

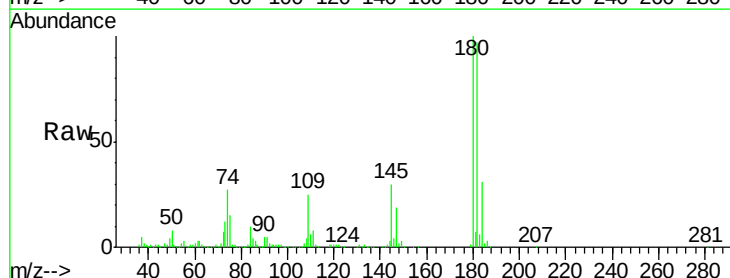
Tgt Ion: 180 Resp: 133194

Ion Ratio Lower Upper

180 100

182 93.2 47.7 143.1

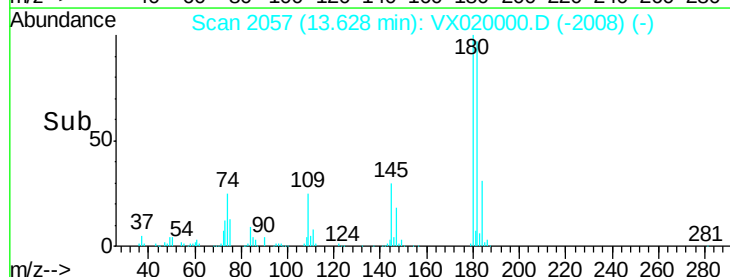
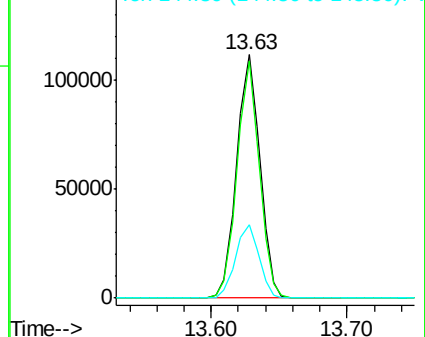
145 30.5 15.0 45.0

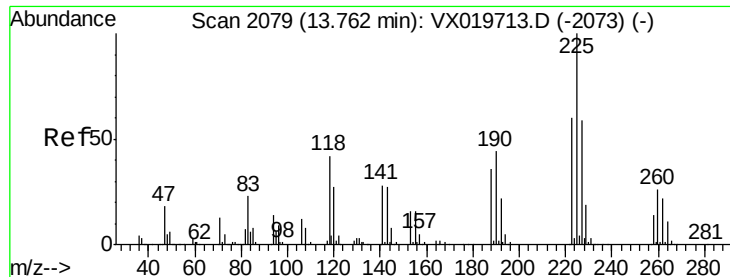


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 11.564 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS

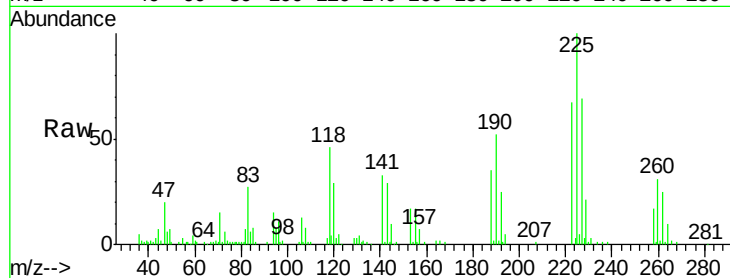
Tgt Ion:225 Resp: 18085

Ion Ratio Lower Upper

225 100

223 64.4 31.1 93.2

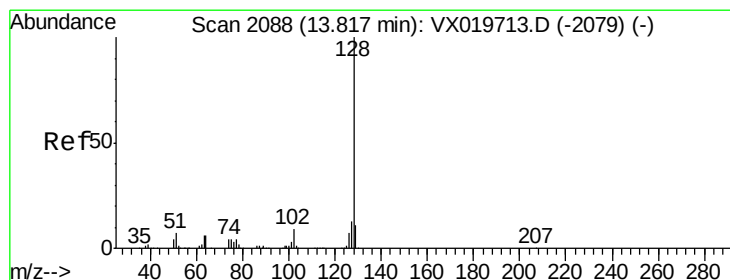
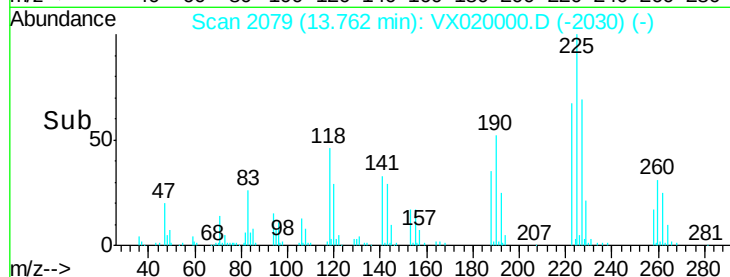
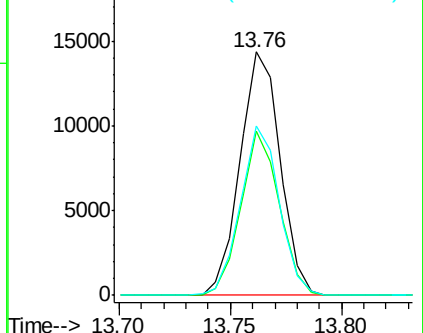
227 67.3 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 59.184 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX020000.D

Acq: 14 Dec 2020 20:31

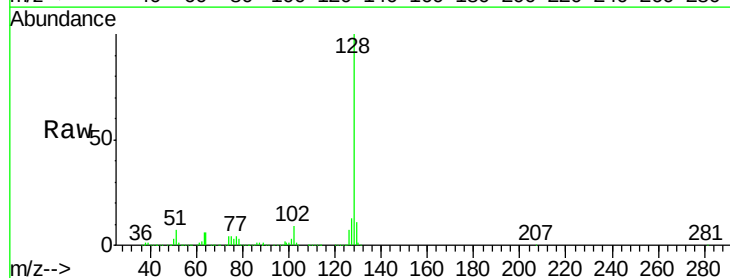
Tgt Ion:128 Resp: 671359

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

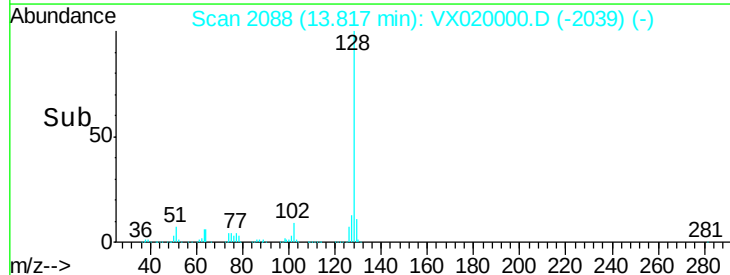
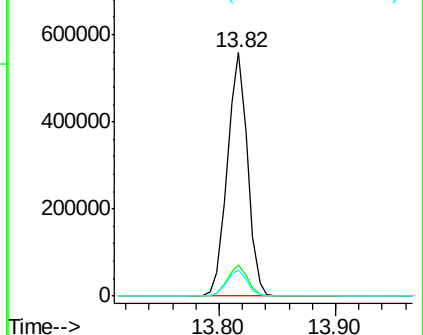
129 10.9 8.8 13.2

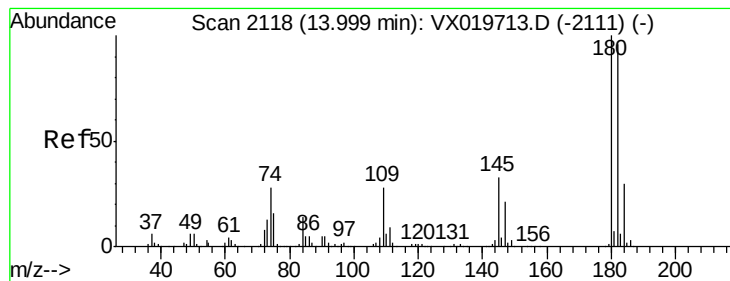


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 39.871 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX020000.D

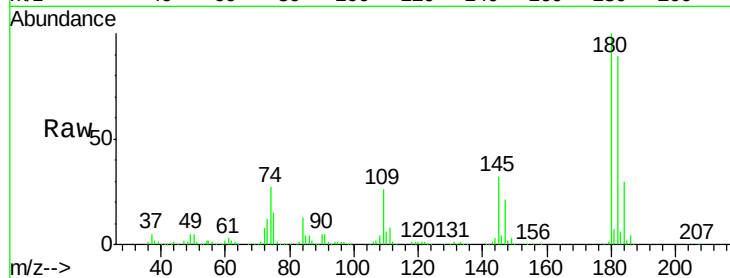
Acq: 14 Dec 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5229-121020MS



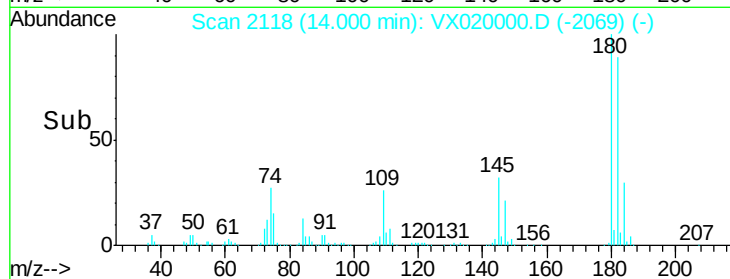
Tgt Ion:180 Resp: 136339

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 32.7 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

150000 Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

