

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\NOT REVIEWED DATA\
 Data File : VX019006.D
 Acq On : 21 Oct 2020 18:01
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 03 12:03:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	247120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	413962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	379669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	4015	1.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.72%	
35) Dibromofluoromethane	5.46	113	3267	1.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.50%	
50) Toluene-d8	8.70	98	10786	1.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.16%	
62) 4-Bromofluorobenzene	11.12	95	4183	1.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.36%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	2356	0.957 ug/l	97
3) Chloromethane	1.31	50	2541	1.038 ug/l	94
4) Vinyl Chloride	1.39	62	2798	0.969 ug/l	98
5) Bromomethane	1.64	94	4087	Below Cal	93
6) Chloroethane	1.72	64	1905	2.024 ug/l	94
7) Trichlorofluoromethane	1.92	101	4728	0.969 ug/l	95
8) Diethyl Ether	2.17	74	1955	1.023 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2337	1.011 ug/l	96
10) Methyl Iodide	2.50	142	1793	5.267 ug/l	96
11) Tert butyl alcohol	3.04	59	2935	4.896 ug/l #	82
12) 1,1-Dichloroethene	2.36	96	2457	1.022 ug/l	95
13) Acrolein	2.28	56	1383	19.409 ug/l	99
14) Allyl chloride	2.71	41	3117	1.002 ug/l	91
15) Acrylonitrile	3.12	53	5734	4.946 ug/l	98
16) Acetone	2.43	43	5518	5.473 ug/l	97
17) Carbon Disulfide	2.55	76	8015	1.155 ug/l	96
18) Methyl Acetate	2.76	43	2438	0.974 ug/l	99
19) Methyl tert-butyl Ether	3.17	73	7184	0.943 ug/l	96
20) Methylene Chloride	2.84	84	3048	1.086 ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	2958	1.054 ug/l	92
22) Diisopropyl ether	3.82	45	5815	0.948 ug/l #	81
23) Vinyl Acetate	3.79	43	26425	4.536 ug/l	98
24) 1,1-Dichloroethane	3.67	63	4218	0.944 ug/l	100
25) 2-Butanone	4.65	43	7477	4.693 ug/l	95
26) 2,2-Dichloropropane	4.54	77	3950	0.957 ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	2972	0.933 ug/l	95
28) Bromochloromethane	4.99	49	1894	0.998 ug/l #	97
29) Tetrahydrofuran	5.10	42	4927	5.174 ug/l	94
30) Chloroform	5.18	83	4520	0.932 ug/l	93
31) Cyclohexane	5.54	56	3413	0.985 ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	4009	0.911 ug/l #	49
36) 1,1-Dichloropropene	5.77	75	3665	0.987 ug/l	93
37) Ethyl Acetate	4.79	43	2879	0.908 ug/l #	86
38) Carbon Tetrachloride	5.75	117	3898	1.000 ug/l	91

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 VSTDIC001

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.43	83	4212	1.012	ug/l	94
40) Benzene	6.11	78	10385	0.949	ug/l	96
41) Methacrylonitrile	5.02	41	1568	0.921	ug/l #	86
42) 1,2-Dichloroethane	6.17	62	3478	0.932	ug/l	100
43) Isopropyl Acetate	6.41	43	4845	0.902	ug/l	99
44) Trichloroethene	7.19	130	3104	0.973	ug/l	97
45) 1,2-Dichloropropane	7.49	63	2481	0.945	ug/l	100
46) Dibromomethane	7.63	93	1978	0.990	ug/l	99
47) Bromodichloromethane	7.88	83	3524	0.899	ug/l	93
48) Methyl methacrylate	7.75	41	2917	1.103	ug/l #	83
49) 1,4-Dioxane	7.75	88	1113	18.619	ug/l #	85
51) 4-Methyl-2-Pentanone	8.62	43	14494	4.581	ug/l	98
52) Toluene	8.76	92	6550	0.907	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	4135	0.934	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	4221	0.903	ug/l #	88
55) 1,1,2-Trichloroethane	9.20	97	2711	0.920	ug/l	94
56) Ethyl methacrylate	9.16	69	3798	0.896	ug/l	95
57) 1,3-Dichloropropane	9.35	76	4164	0.891	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	9602	4.313	ug/l	96
59) 2-Hexanone	9.47	43	10554	4.476	ug/l	96
60) Dibromochloromethane	9.56	129	2717	0.846	ug/l	100
61) 1,2-Dibromoethane	9.66	107	2899	0.920	ug/l	96
64) Tetrachloroethene	9.32	164	3287	1.137	ug/l	90
65) Chlorobenzene	10.12	112	7672	0.963	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	2488	0.879	ug/l #	65
67) Ethyl Benzene	10.23	91	12831	0.935	ug/l	99
68) m/p-Xylenes	10.34	106	9591	1.824	ug/l	95
69) o-Xylene	10.68	106	4346	0.864	ug/l	91
70) Styrene	10.70	104	7378	0.863	ug/l	96
71) Bromoform	10.84	173	1887	0.826	ug/l #	97
73) Isopropylbenzene	11.00	105	11828	0.907	ug/l	96
74) N-amyl acetate	10.88	43	3903	0.934	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.25	83	3596	0.915	ug/l	91
76) 1,2,3-Trichloropropane	11.28	75	4795	1.323	ug/l	88
77) Bromobenzene	11.24	156	3231	0.981	ug/l	98
78) n-propylbenzene	11.34	91	14407	0.975	ug/l	99
79) 2-Chlorotoluene	11.40	91	8789	1.019	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	10004	0.929	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	1351	0.950	ug/l	89
82) 4-Chlorotoluene	11.49	91	10463	1.020	ug/l	99
83) tert-Butylbenzene	11.76	119	9764	0.920	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	10044	0.931	ug/l	100
85) sec-Butylbenzene	11.93	105	11955	0.931	ug/l	99
86) p-Isopropyltoluene	12.05	119	11281	0.961	ug/l	95
87) 1,3-Dichlorobenzene	12.01	146	6408	1.060	ug/l	98
88) 1,4-Dichlorobenzene	12.01	146	6408	1.033	ug/l	98
89) n-Butylbenzene	12.37	91	10666	0.993	ug/l	99
90) Hexachloroethane	12.57	117	1424	0.793	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	5389	0.956	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	887	0.991	ug/l	84

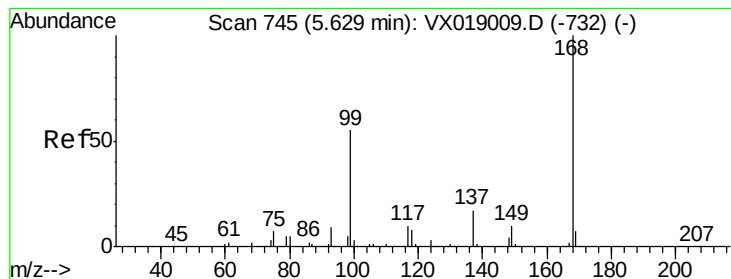
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102120\NOT REVIEWED DATA\
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ClientSampleId :
VSTDICC001

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	4565	1.107	ug/l	99
94) Hexachlorobutadiene	13.76	225	2354	1.232	ug/l	88
95) Naphthalene	13.82	128	11972	0.923	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	4193	1.045	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

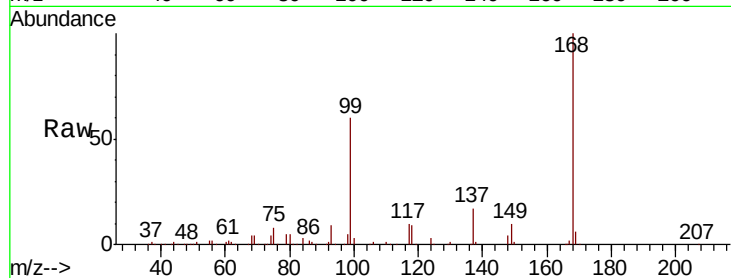
VSTDIC001

Tot Ion:168 Resp: 247120

Ion Ratio Lower Upper

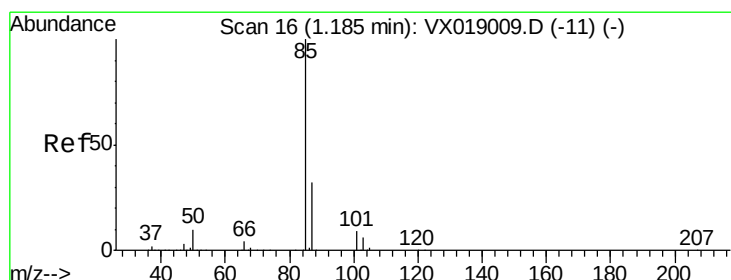
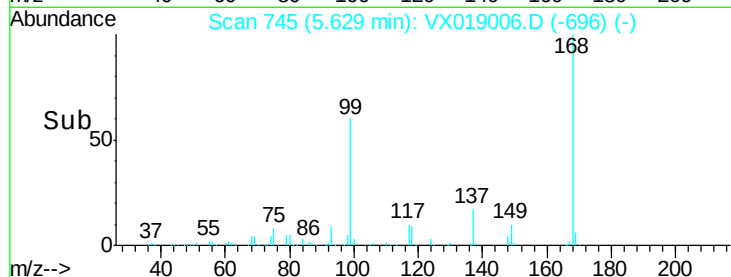
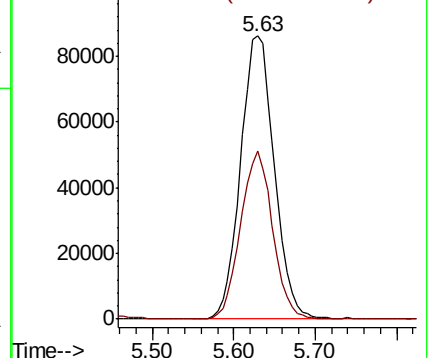
168 100

99 59.5 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.957 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019006.D

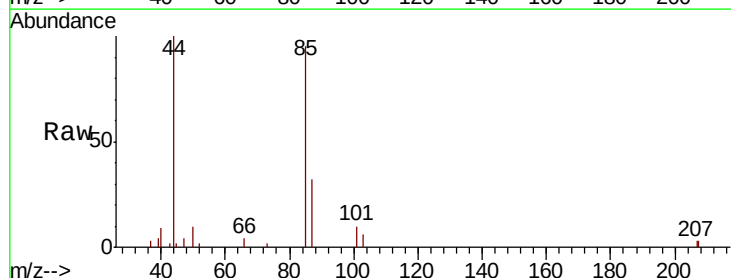
Acq: 21 Oct 2020 18:01

Tgt Ion: 85 Resp: 2356

Ion Ratio Lower Upper

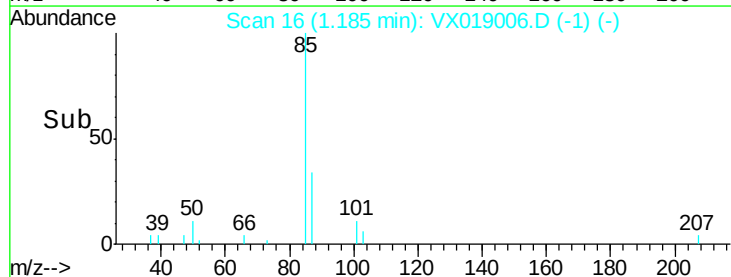
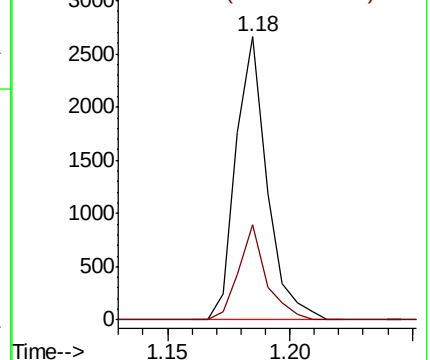
85 100

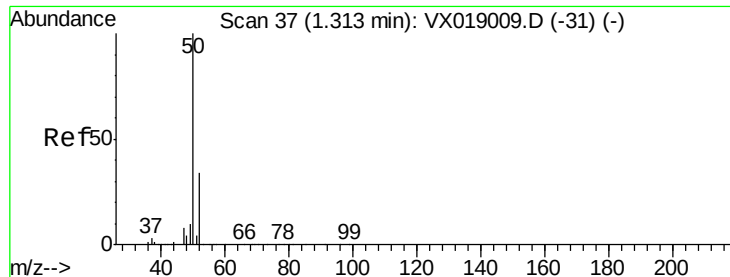
87 33.8 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.038 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

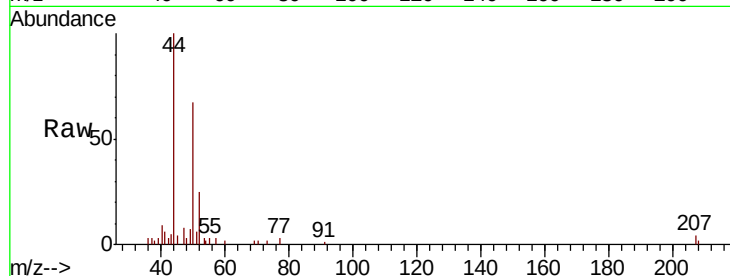
VSTDIC001

Tot Ion: 50 Resp: 2541

Ion Ratio Lower Upper

50 100

52 37.0 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

2500

2000

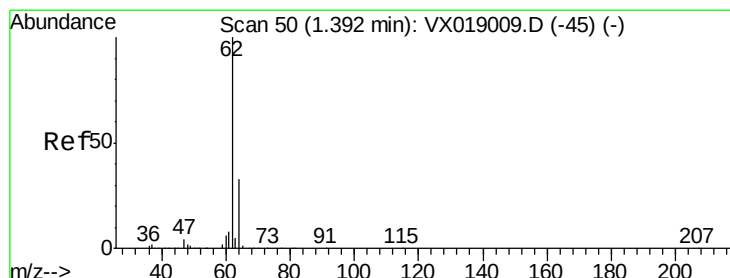
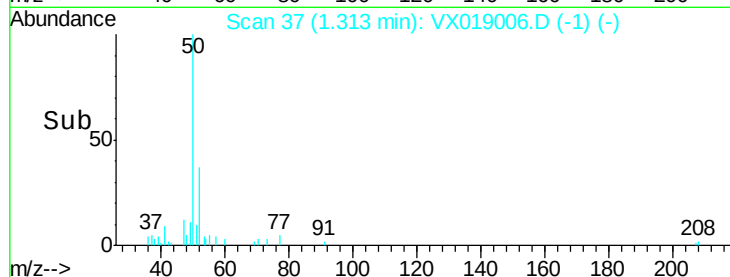
1500

1000

500

0

Time-->



#4

Vinyl Chloride

Concen: 0.969 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019006.D

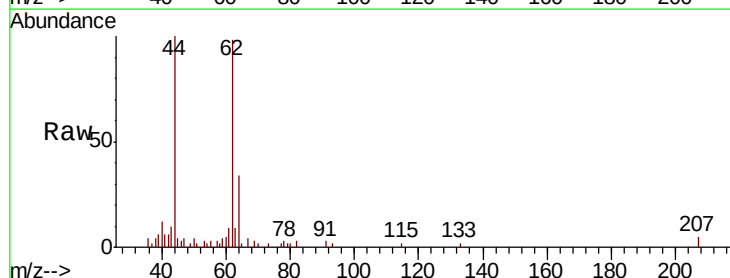
Acq: 21 Oct 2020 18:01

Tgt Ion: 62 Resp: 2798

Ion Ratio Lower Upper

62 100

64 34.5 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

3000

2500

2000

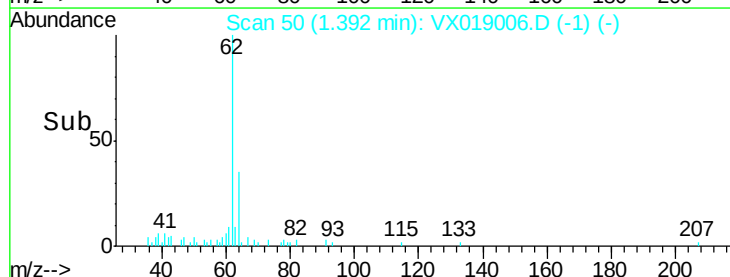
1500

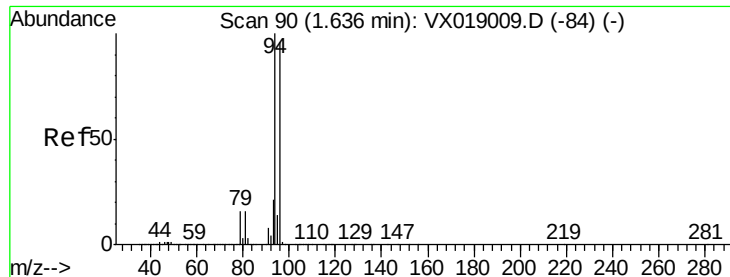
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

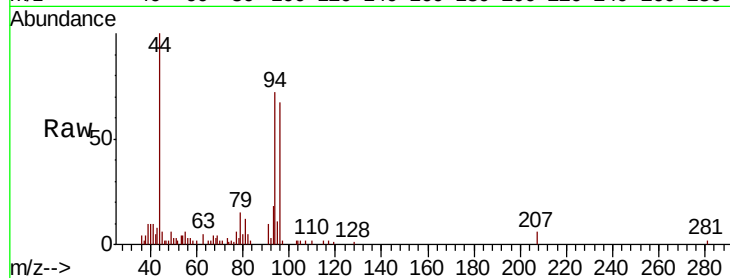
VSTDIC001

Tot Ion: 94 Resp: 4087

Ion Ratio Lower Upper

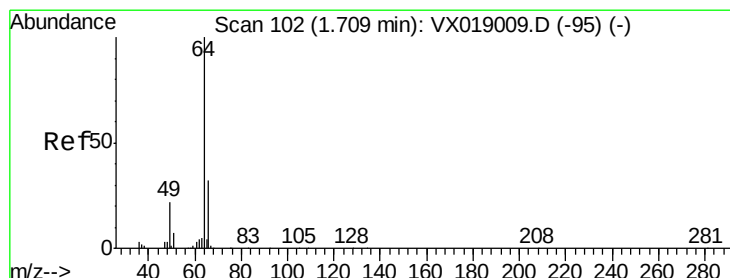
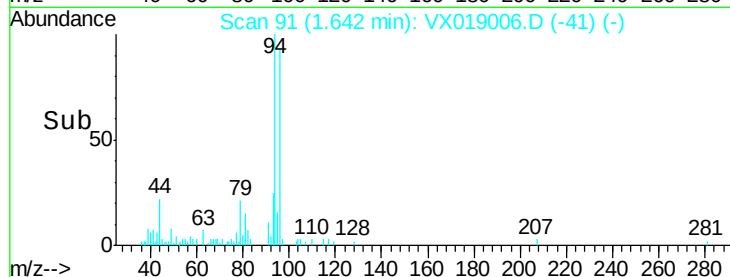
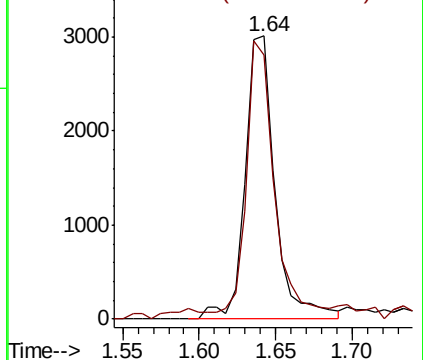
94 100

96 89.6 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 2.024 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019006.D

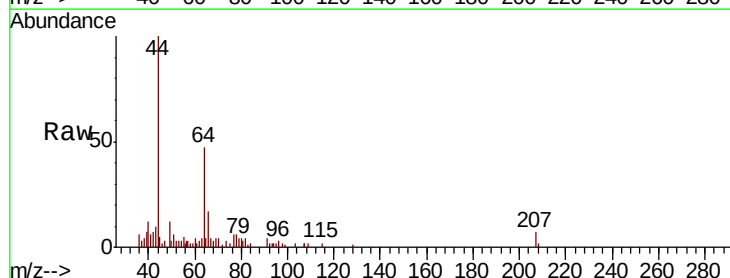
Acq: 21 Oct 2020 18:01

Tgt Ion: 64 Resp: 1905

Ion Ratio Lower Upper

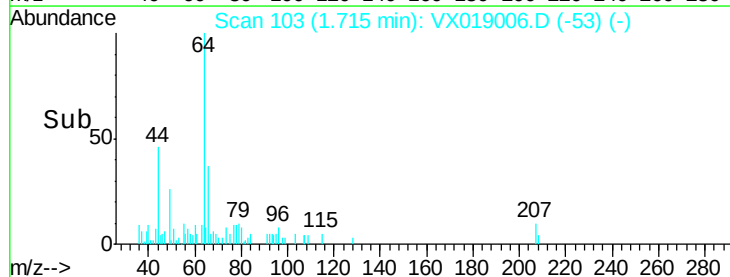
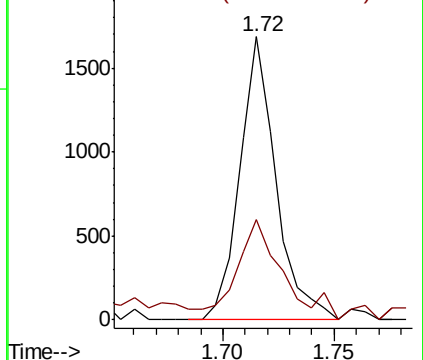
64 100

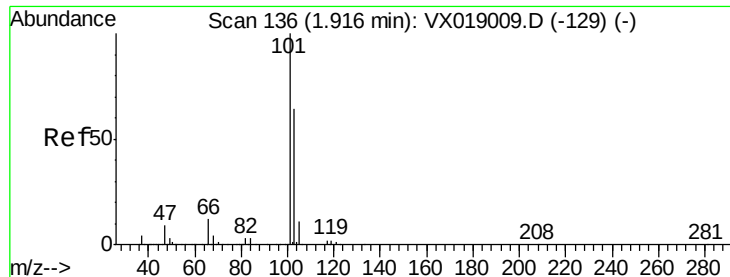
66 35.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



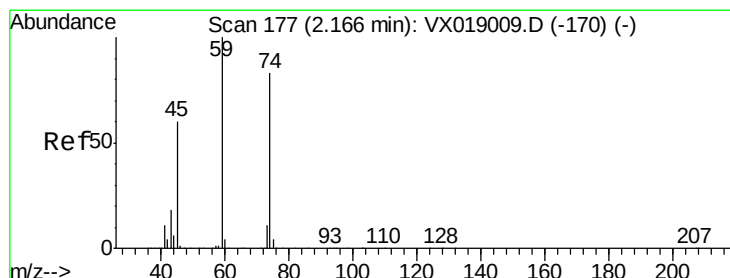
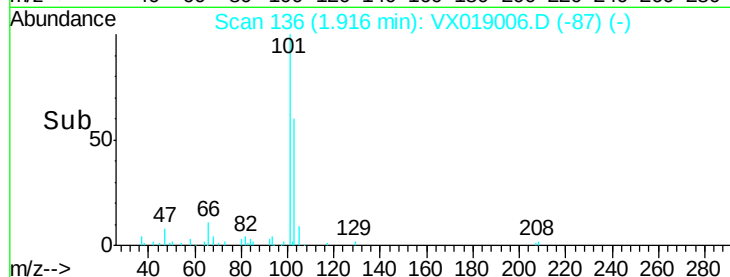
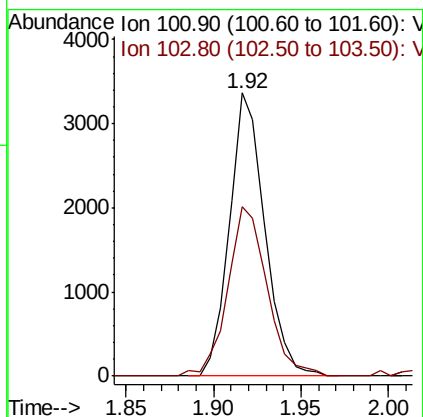
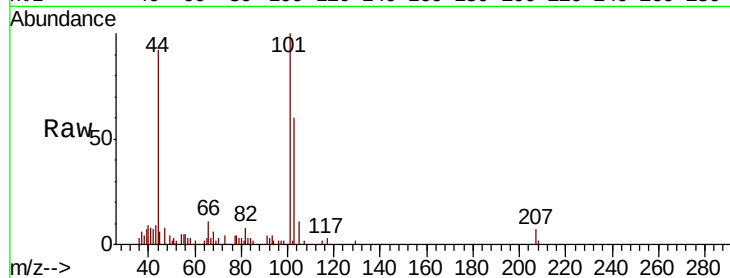


#7

Trichlorofluoromethane
 Concen: 0.969 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

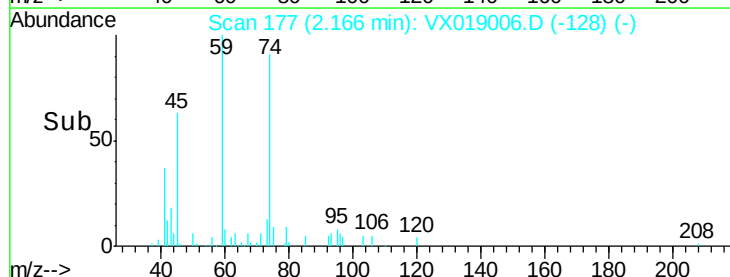
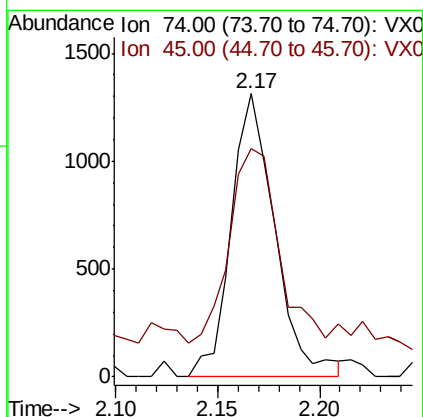
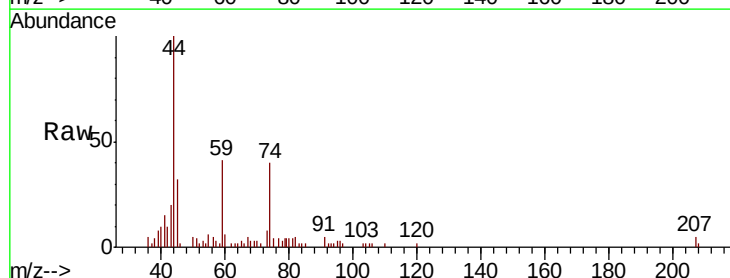
Tot Ion:101 Resp: 4728
 Ion Ratio Lower Upper
 101 100
 103 59.7 51.2 76.8

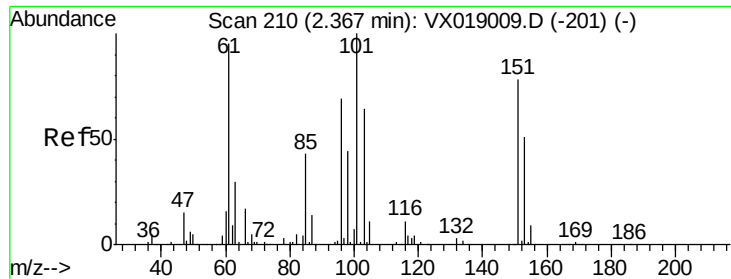


#8

Diethyl Ether
 Concen: 1.023 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion: 74 Resp: 1955
 Ion Ratio Lower Upper
 74 100
 45 76.6 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.011 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

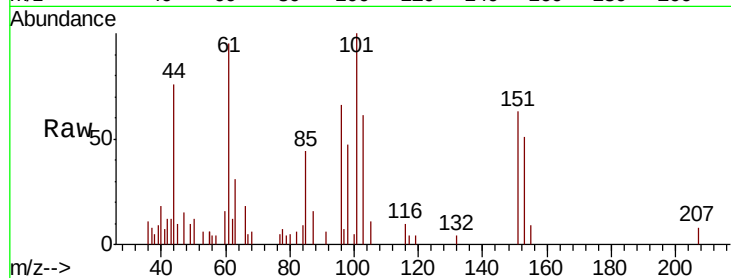
Tot Ion:101 Resp: 2337

Ion Ratio Lower Upper

101 100

85 48.3 35.2 52.8

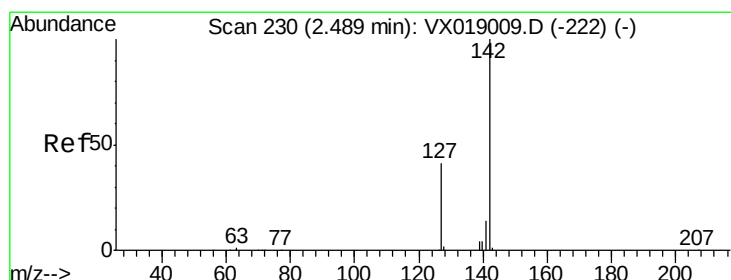
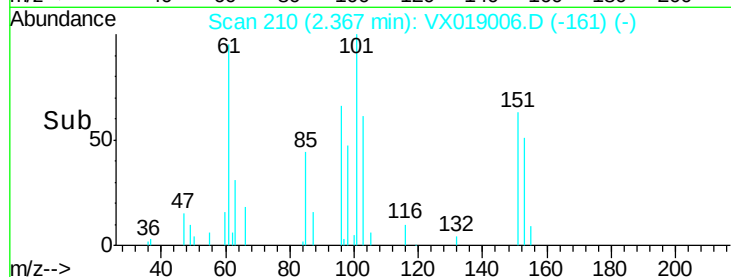
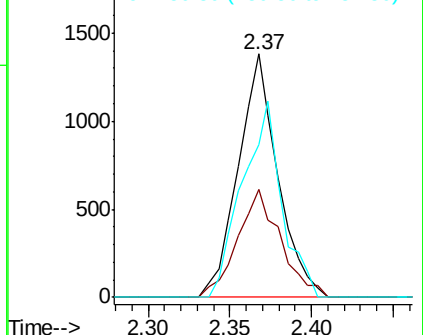
151 80.6 62.4 93.6



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: 5.267 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

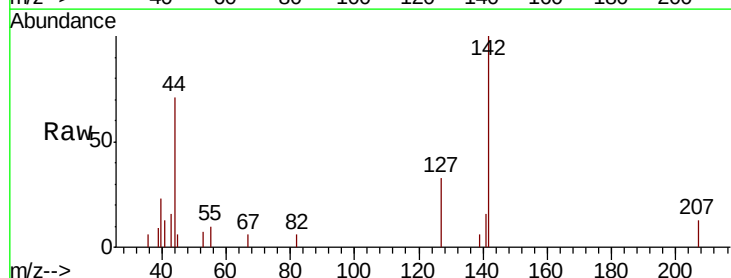
Tgt Ion:142 Resp: 1793

Ion Ratio Lower Upper

142 100

127 43.6 33.6 50.4

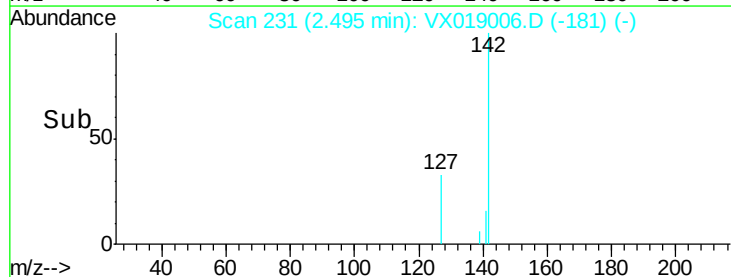
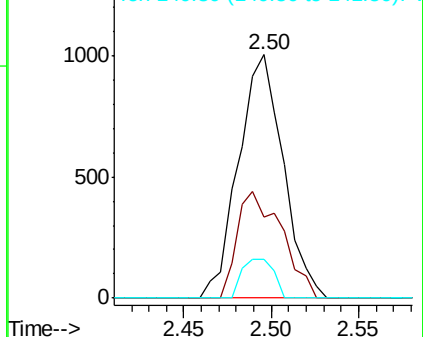
141 11.3 11.2 16.8

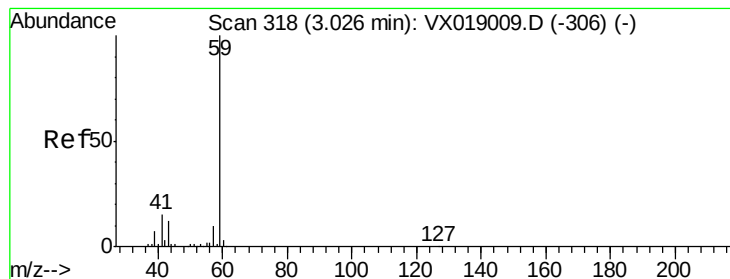


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 4.896 ug/l

RT: 3.04 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

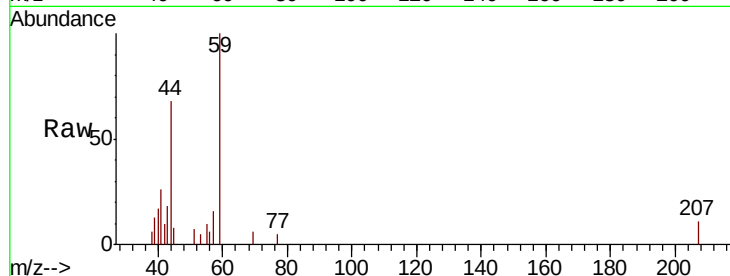
VSTDIC001

Tot Ion: 59 Resp: 2935

Ion Ratio Lower Upper

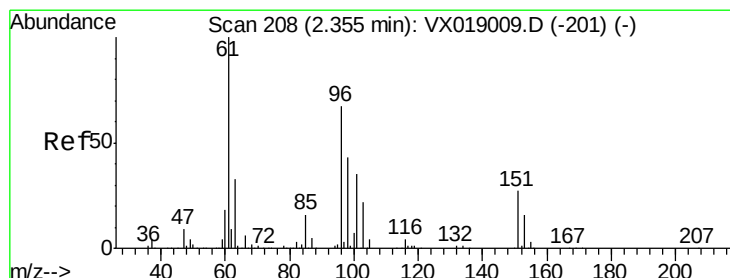
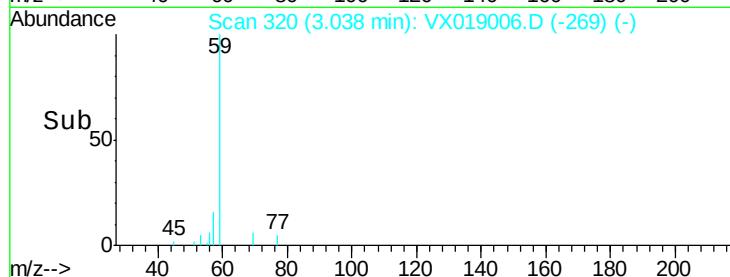
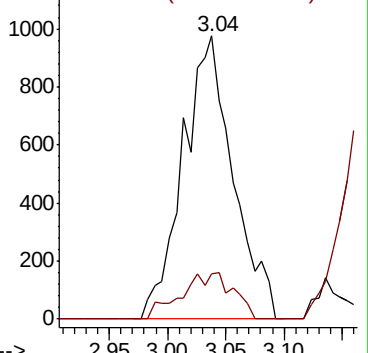
59 100

57 17.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 1.022 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

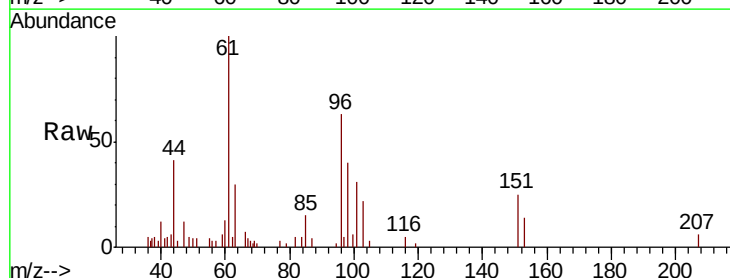
Tgt Ion: 96 Resp: 2457

Ion Ratio Lower Upper

96 100

61 158.0 119.0 178.6

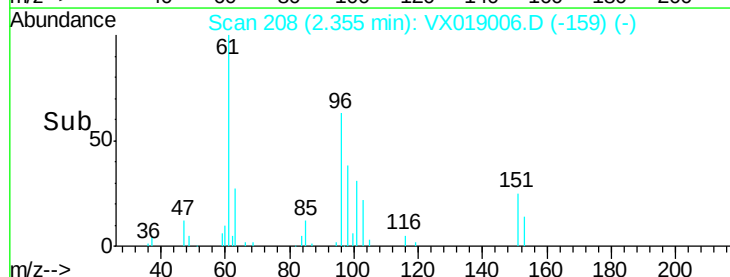
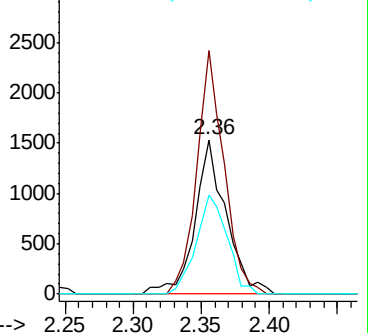
98 63.9 51.0 76.4

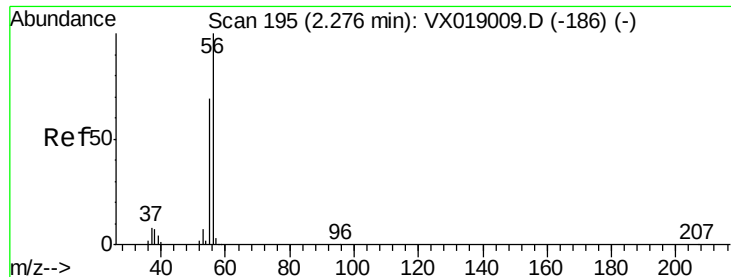


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 19.409 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

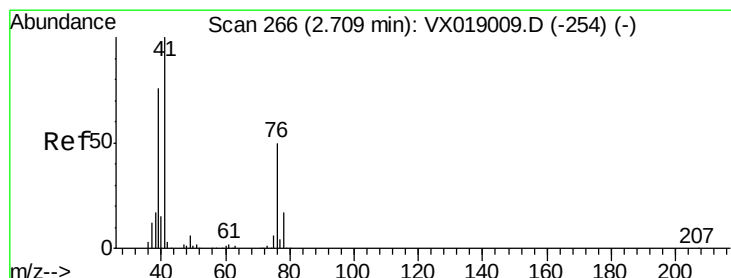
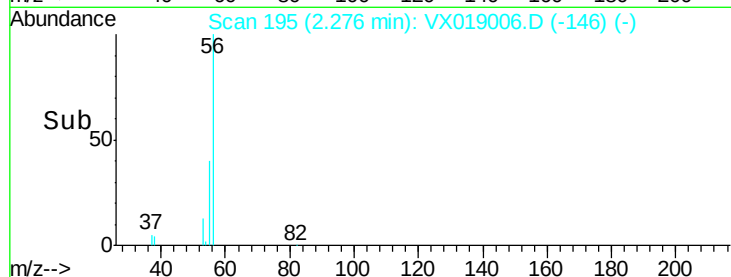
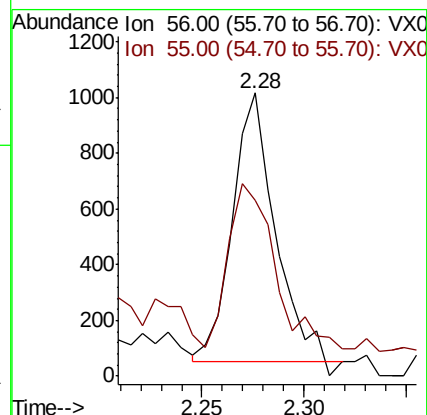
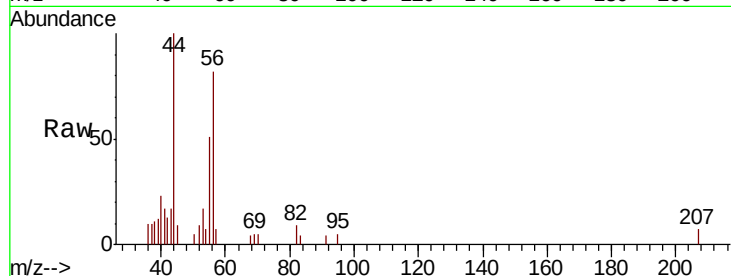
VSTDIC001

Tot Ion: 56 Resp: 1383

Ion Ratio Lower Upper

56 100

55 67.0 54.2 81.4



#14

Allyl chloride

Concen: 1.002 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

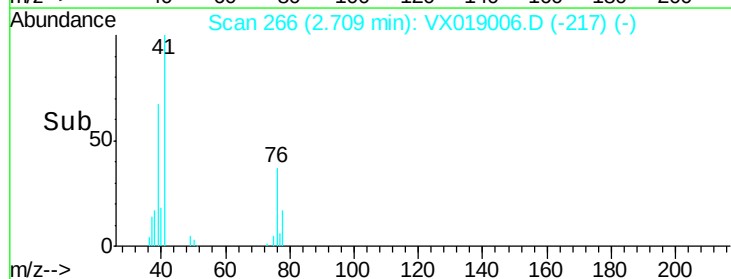
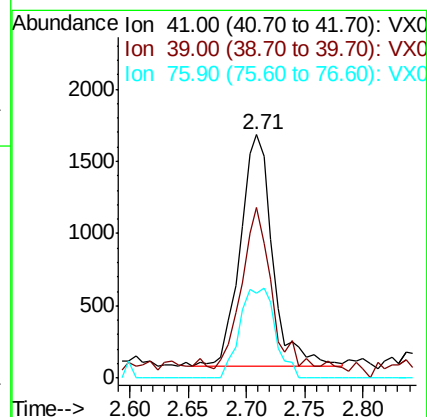
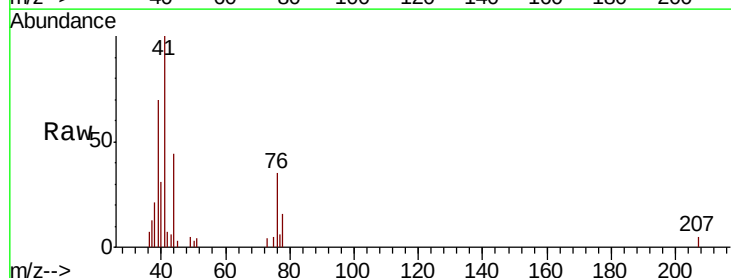
Tgt Ion: 41 Resp: 3117

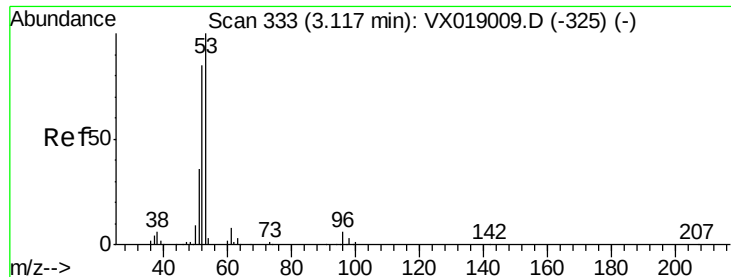
Ion Ratio Lower Upper

41 100

39 62.9 57.4 86.0

76 42.3 37.7 56.5





#15

Acrylonitrile

Concen: 4.946 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

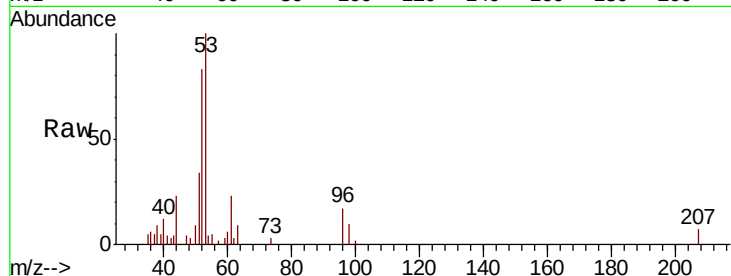
Tot Ion: 53 Resp: 5734

Ion Ratio Lower Upper

53 100

52 83.7 65.9 98.9

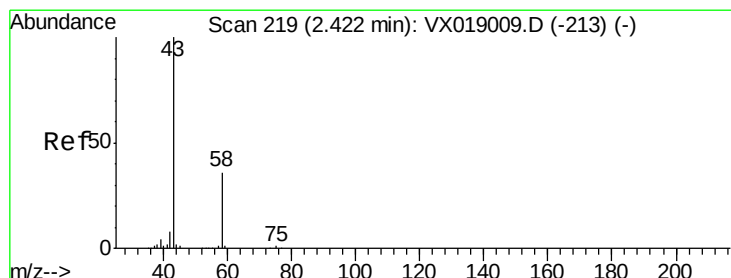
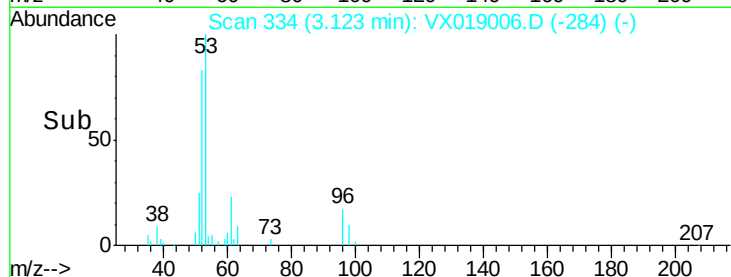
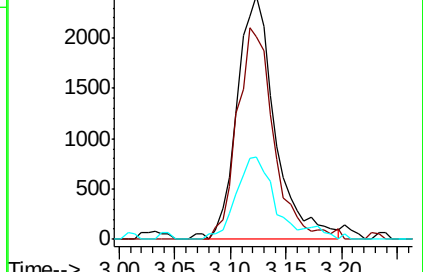
51 32.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX019006.D (-284) (-)

Ion 52.00 (51.70 to 52.70): VX019006.D (-284) (-)

Ion 51.00 (50.70 to 51.70): VX019006.D (-284) (-)



#16

Acetone

Concen: 5.473 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019006.D

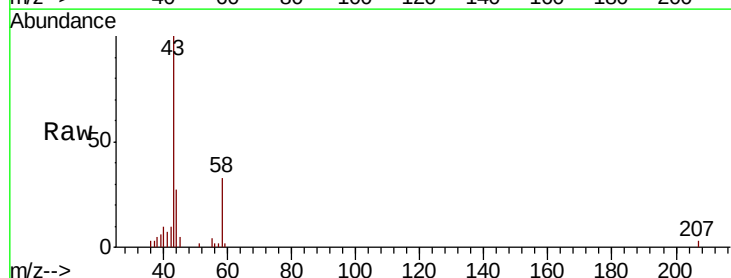
Acq: 21 Oct 2020 18:01

Tgt Ion: 43 Resp: 5518

Ion Ratio Lower Upper

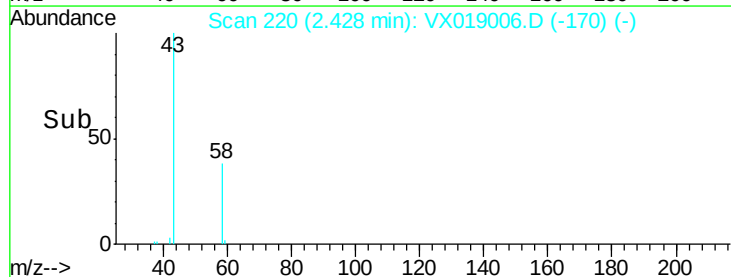
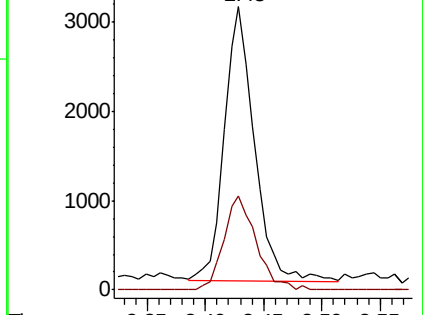
43 100

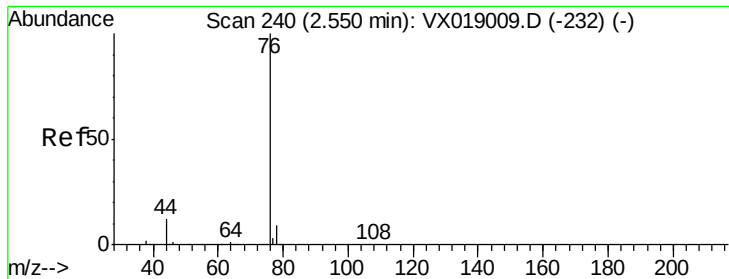
58 34.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX019006.D (-170) (-)

Ion 58.00 (57.70 to 58.70): VX019006.D (-170) (-)





#17

Carbon Disulfide

Concen: 1.155 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

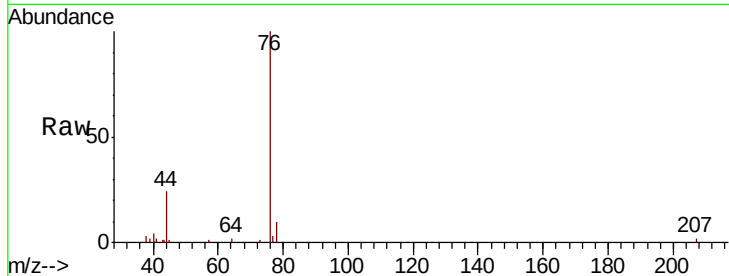
VSTDIC001

Tot Ion: 76 Resp: 8015

Ion Ratio Lower Upper

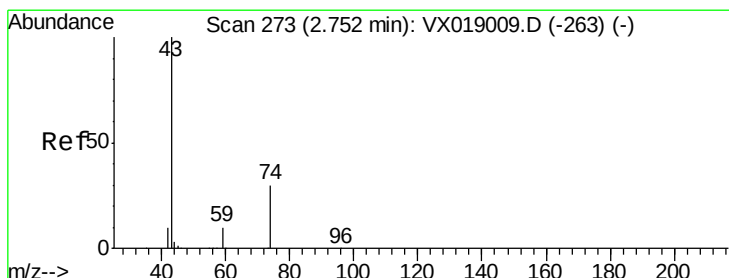
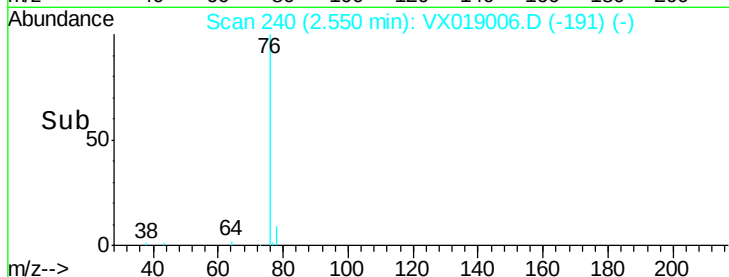
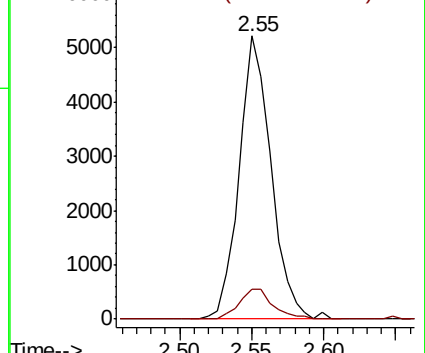
76 100

78 10.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.974 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX019006.D

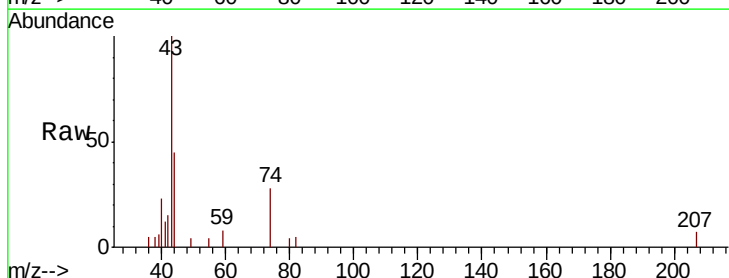
Acq: 21 Oct 2020 18:01

Tgt Ion: 43 Resp: 2438

Ion Ratio Lower Upper

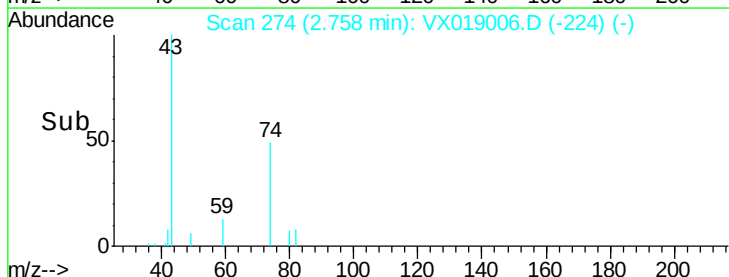
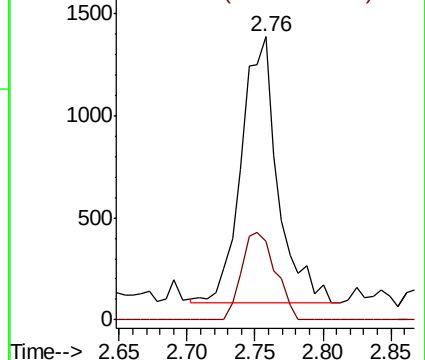
43 100

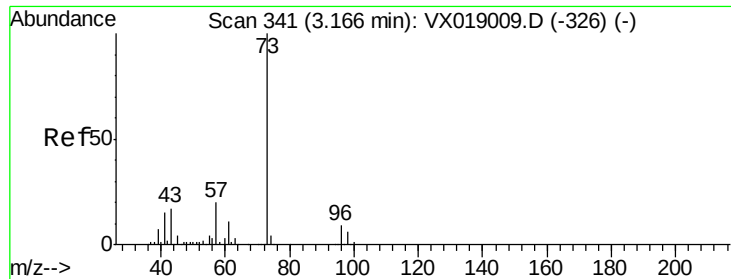
74 30.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

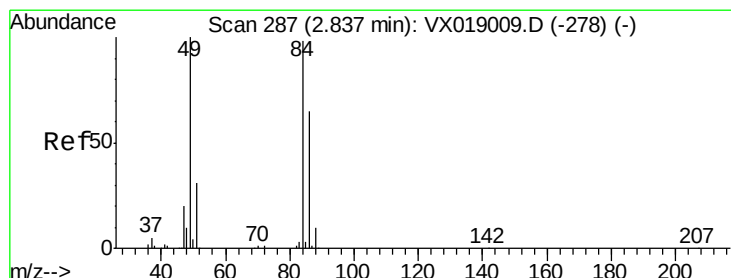
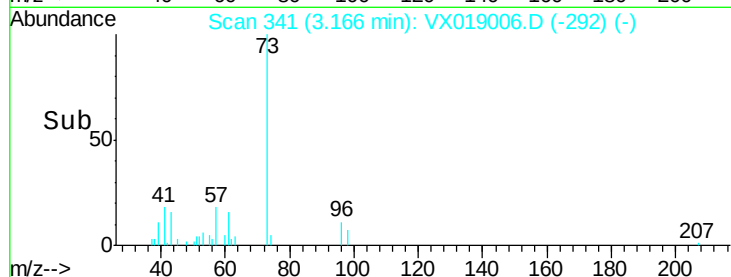
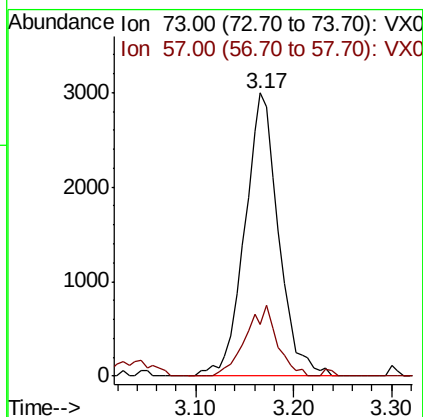
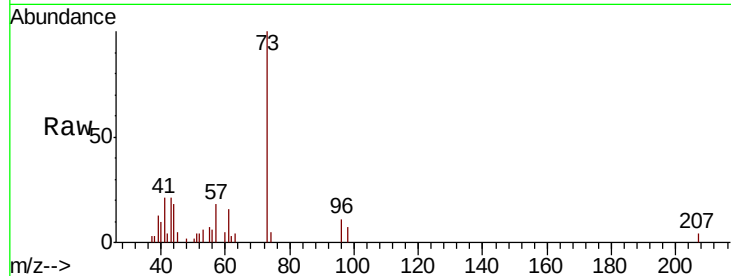




#19
Methyl tert-butyl Ether
Concen: 0.943 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

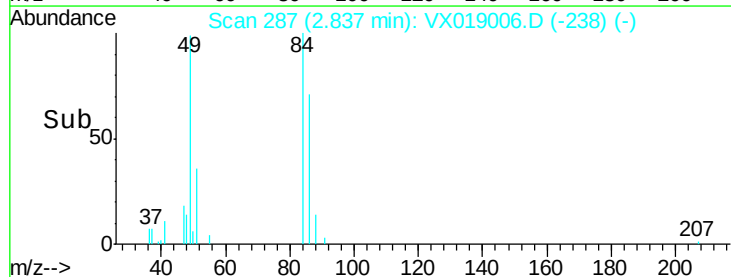
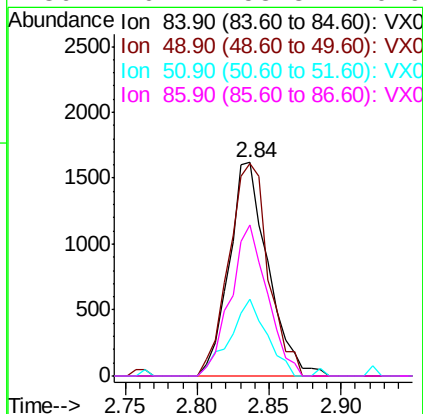
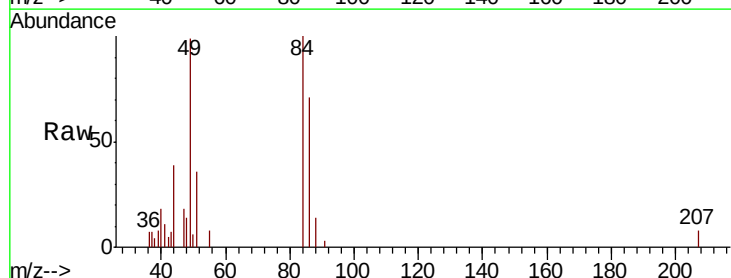
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

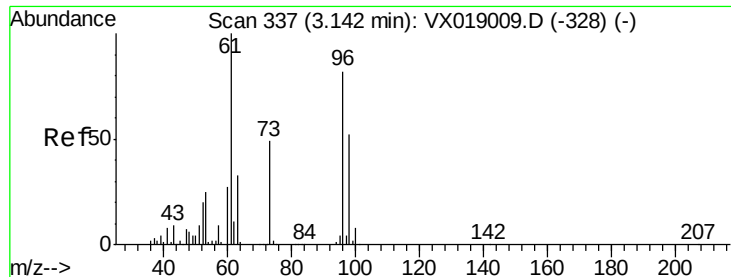
Tot Ion: 73 Resp: 7184
Ion Ratio Lower Upper
73 100
57 18.4 16.2 24.2



#20
Methylene Chloride
Concen: 1.086 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion: 84 Resp: 3048
Ion Ratio Lower Upper
84 100
49 99.3 81.6 122.4
51 36.0 25.6 38.4
86 70.7 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 1.054 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

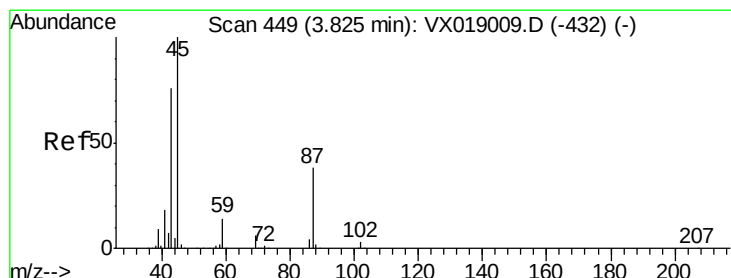
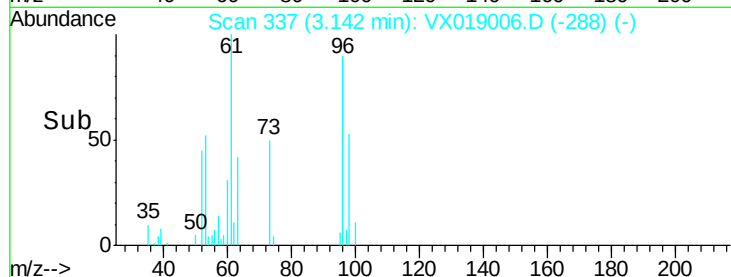
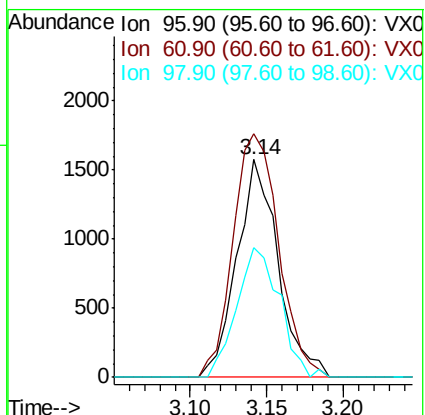
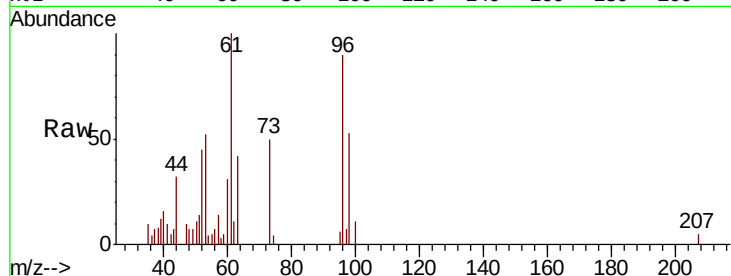
Tot Ion: 96 Resp: 2958

Ion Ratio Lower Upper

96 100

61 111.7 97.8 146.6

98 59.3 50.7 76.1



#22

Diisopropyl ether

Concen: 0.948 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Tgt Ion: 45 Resp: 5815

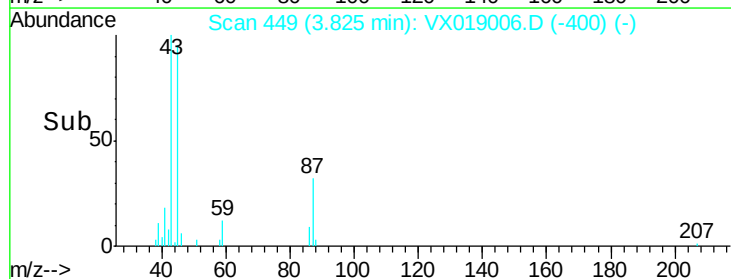
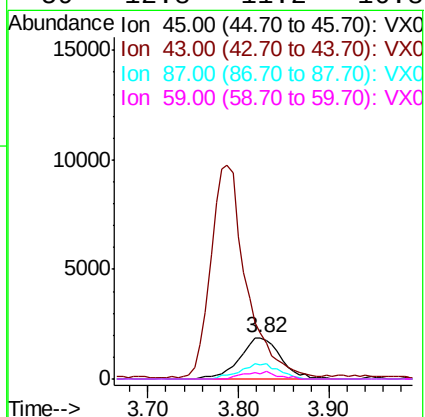
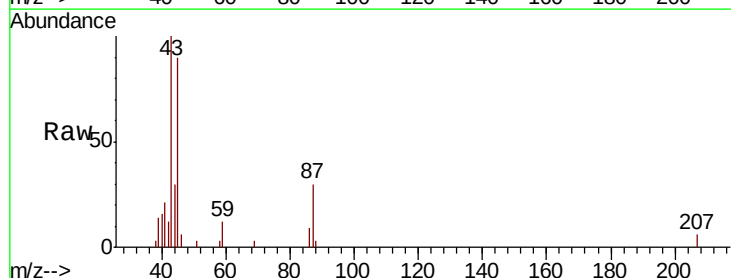
Ion Ratio Lower Upper

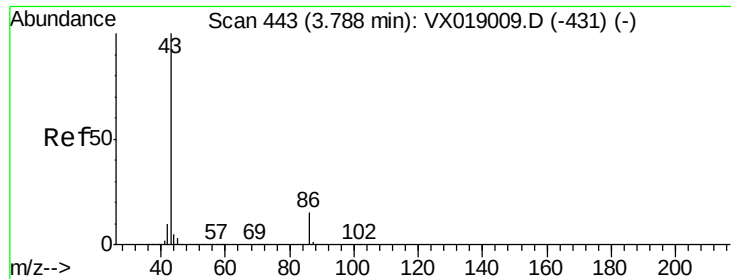
45 100

43 100.1 60.4 90.6#

87 33.6 30.4 45.6

59 12.8 11.2 16.8





#23

Vinyl Acetate

Concen: 4.536 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

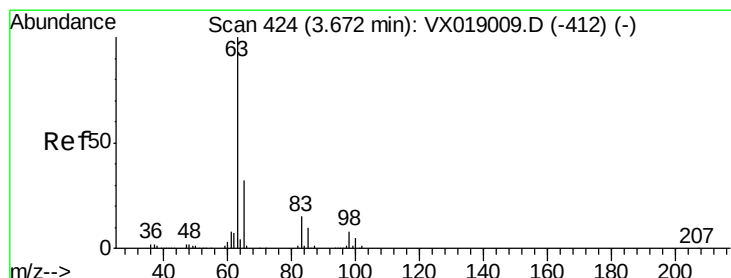
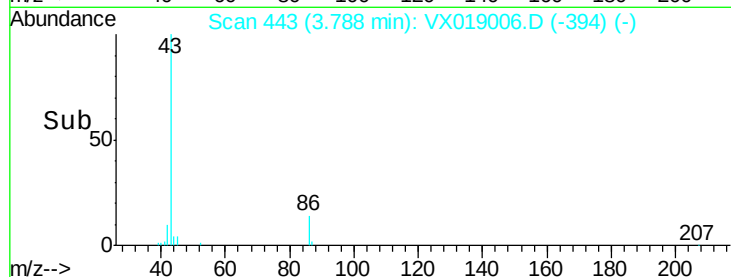
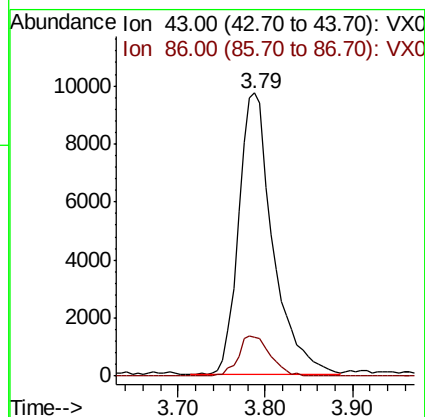
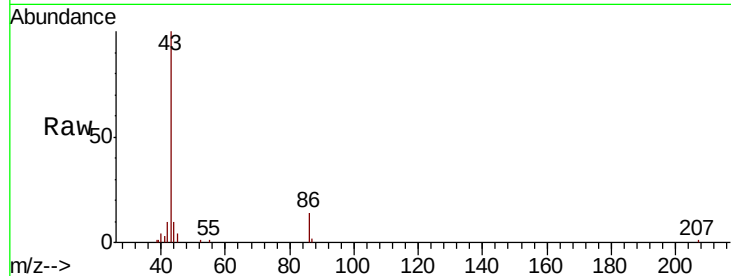
VSTDIC001

Tot Ion: 43 Resp: 26425

Ion Ratio Lower Upper

43 100

86 13.8 11.7 17.5



#24

1,1-Dichloroethane

Concen: 0.944 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

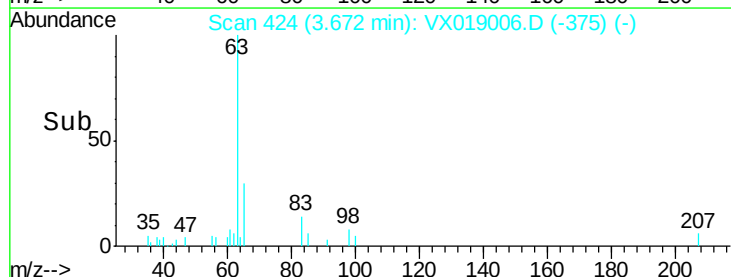
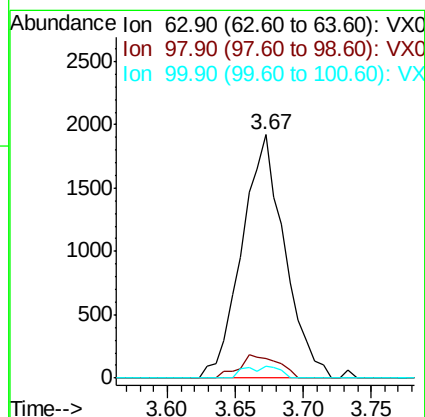
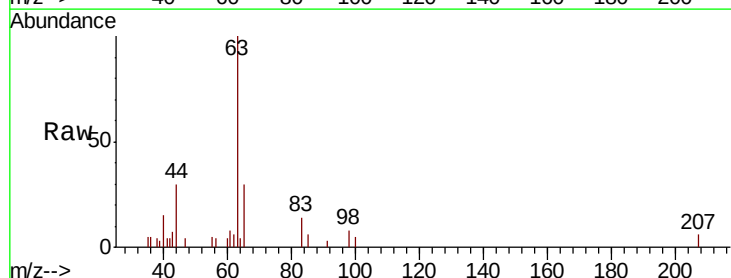
Tgt Ion: 63 Resp: 4218

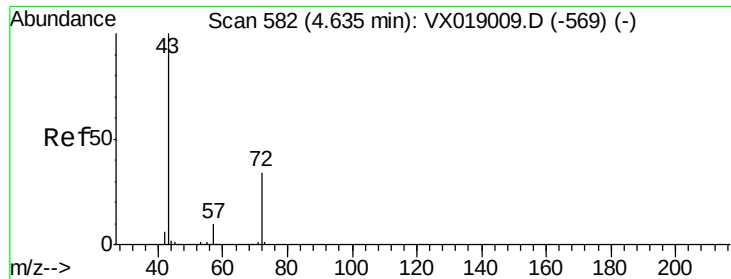
Ion Ratio Lower Upper

63 100

98 8.2 4.0 12.0

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 4.693 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

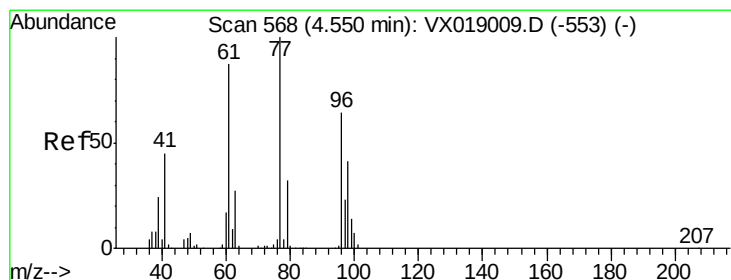
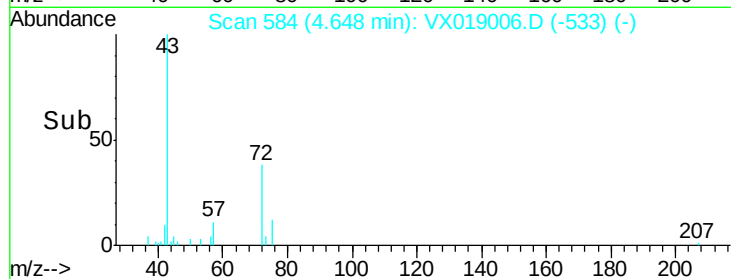
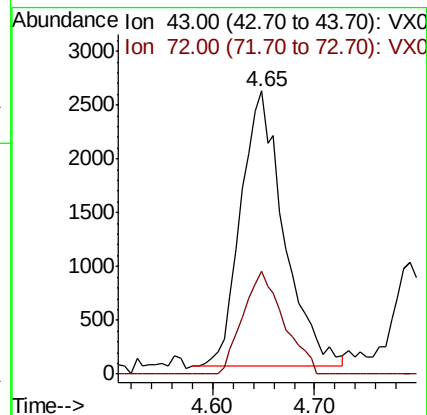
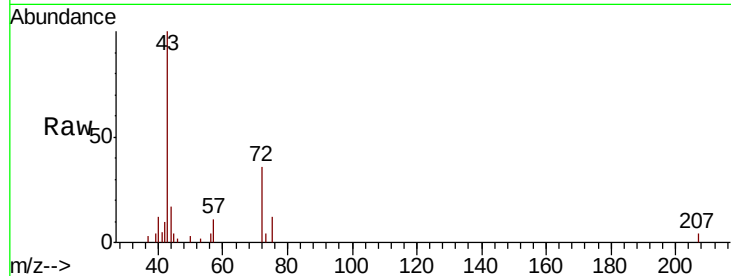
VSTDIC001

Tot Ion: 43 Resp: 7477

Ion Ratio Lower Upper

43 100

72 37.5 27.8 41.6



#26

2,2-Dichloropropane

Concen: 0.957 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019006.D

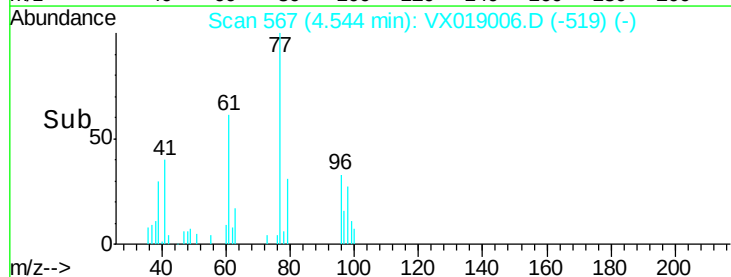
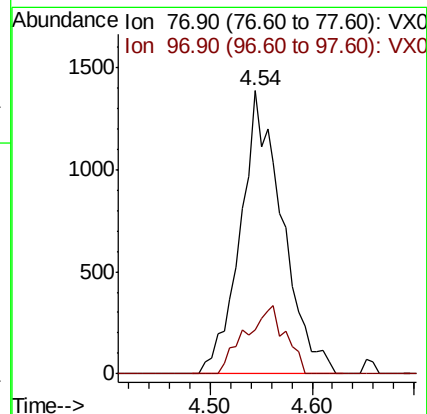
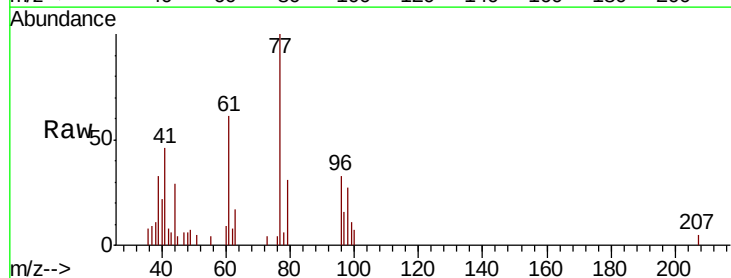
Acq: 21 Oct 2020 18:01

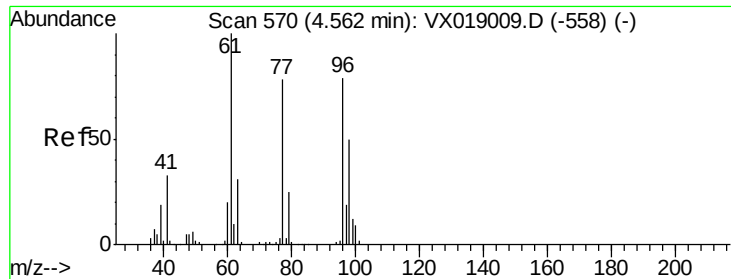
Tgt Ion: 77 Resp: 3950

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.7



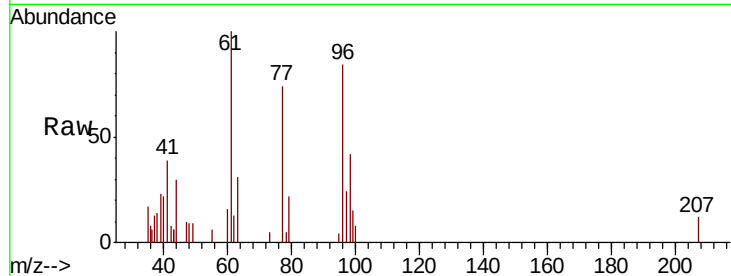


#27

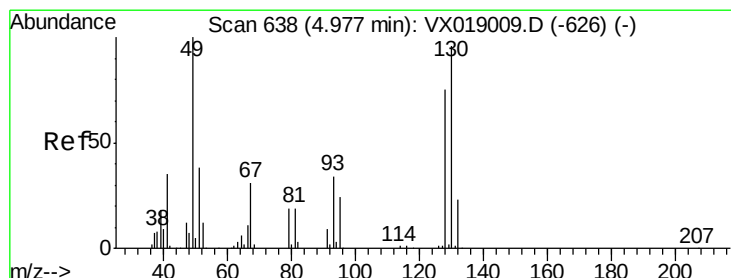
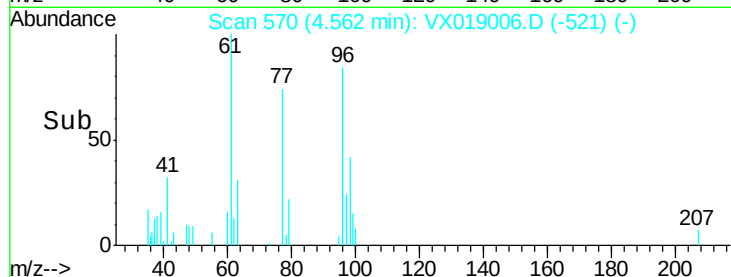
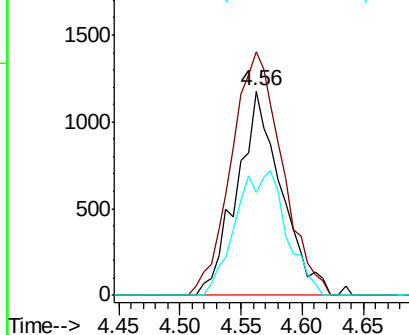
cis-1,2-Dichloroethene
Concen: 0.933 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 96 Resp: 2972
Ion Ratio Lower Upper
96 100
61 136.5 0.0 260.0
98 69.9 0.0 131.4



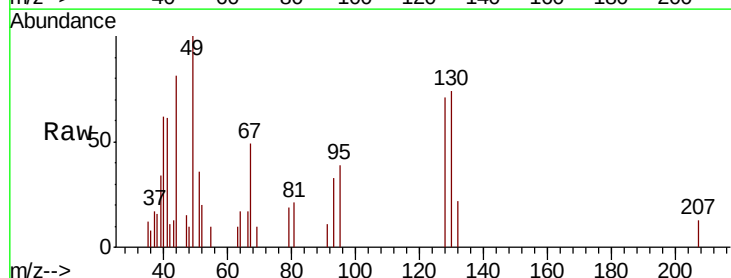
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



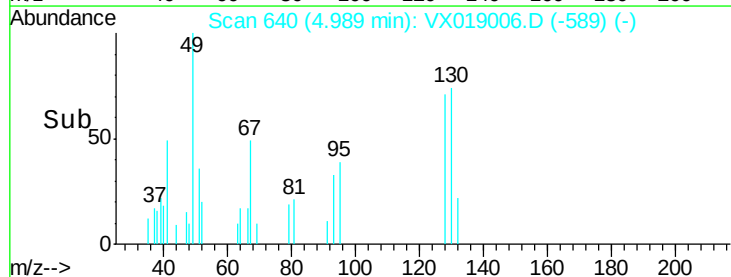
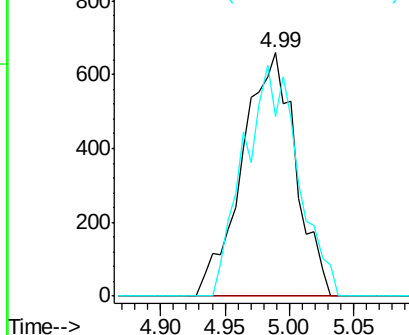
#28

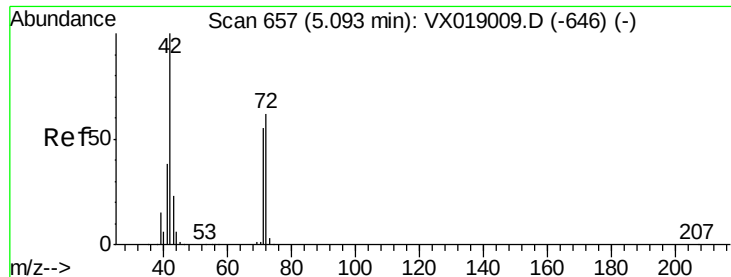
Bromochloromethane
Concen: 0.998 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion: 49 Resp: 1894
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 96.1 79.0 118.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 5.174 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

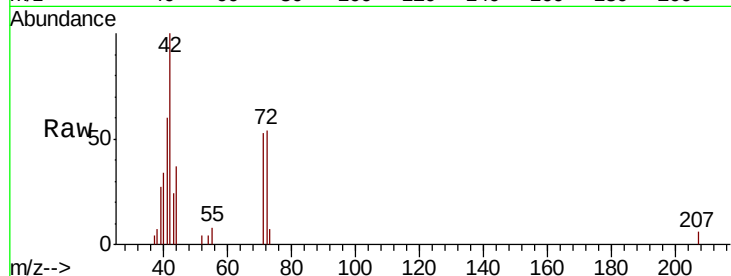
Tot Ion: 42 Resp: 4927

Ion Ratio Lower Upper

42 100

72 55.4 49.1 73.7

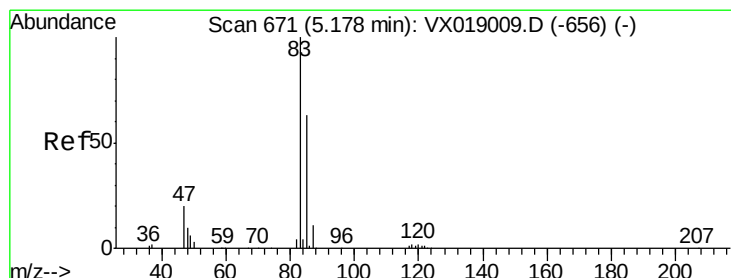
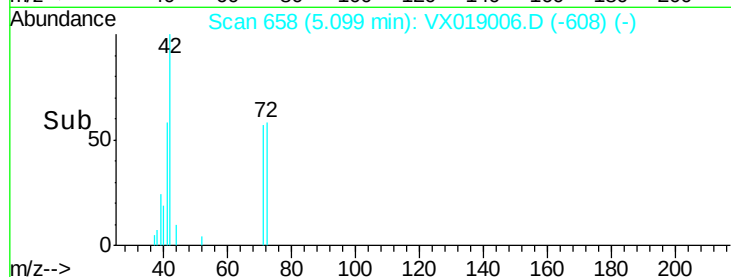
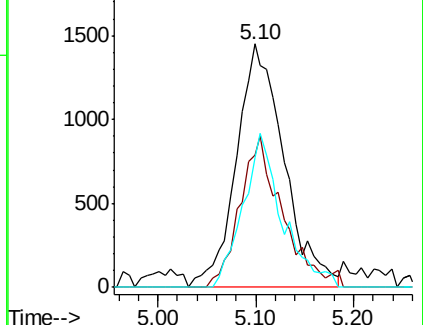
71 52.2 44.2 66.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.932 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX019006.D

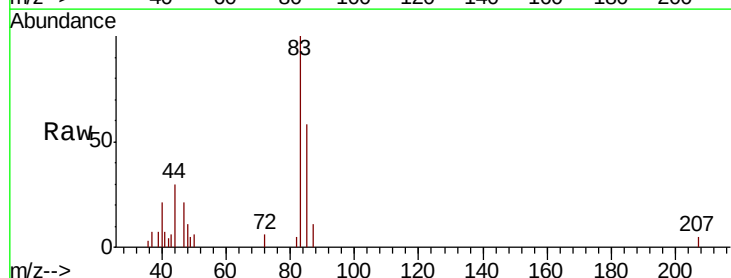
Acq: 21 Oct 2020 18:01

Tgt Ion: 83 Resp: 4520

Ion Ratio Lower Upper

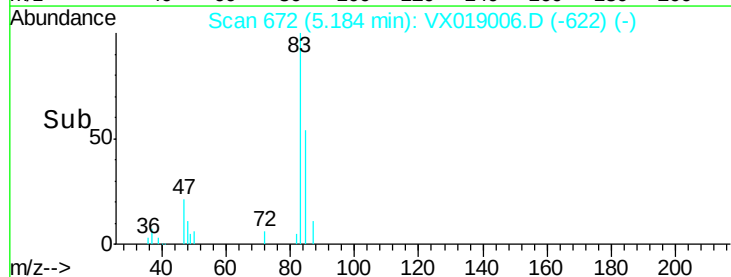
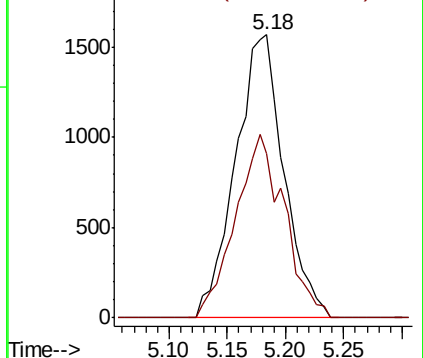
83 100

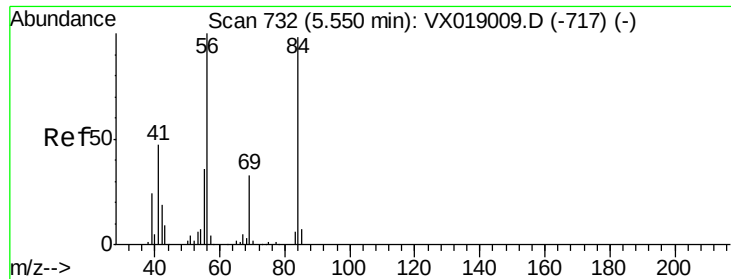
85 58.0 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

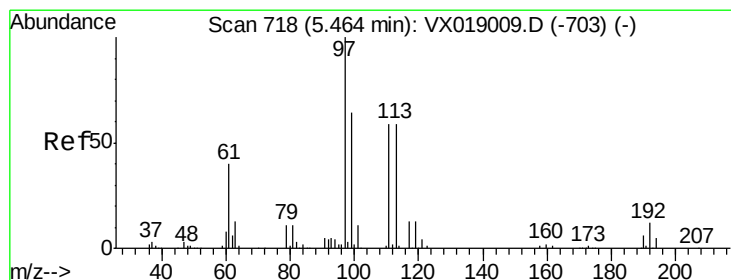
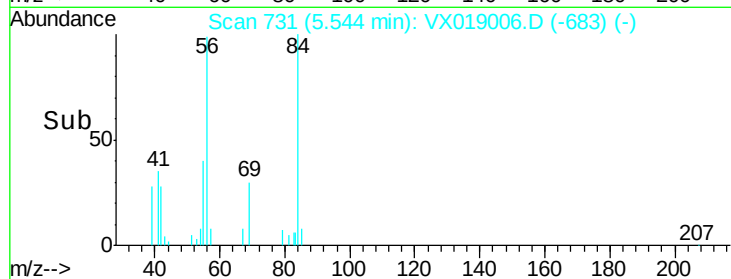
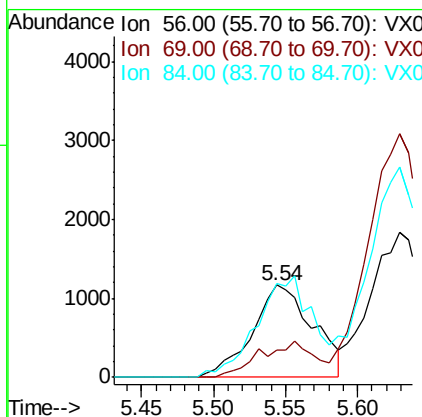
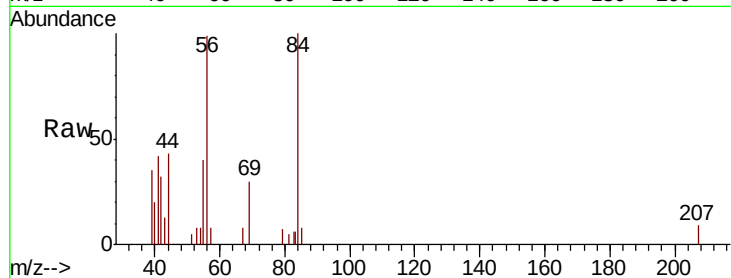




#31
Cyclohexane
Concen: 0.985 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

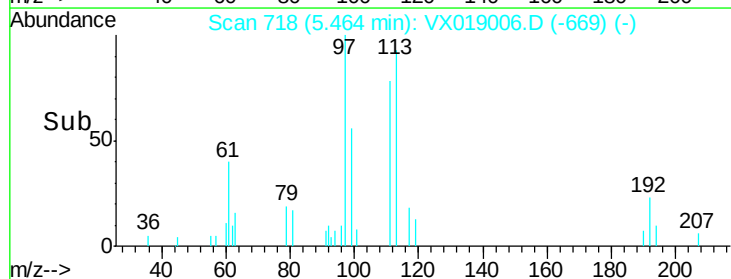
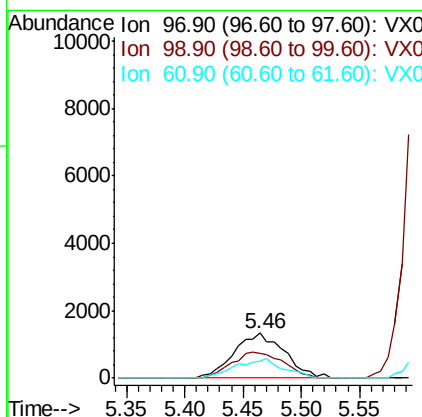
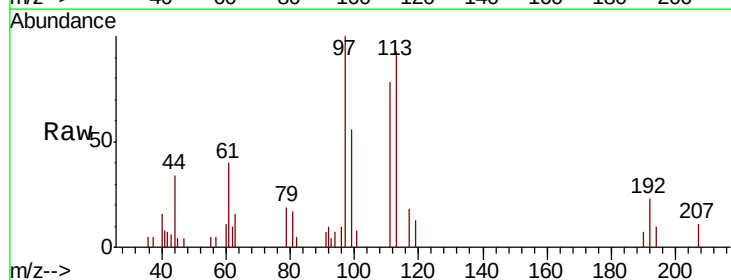
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

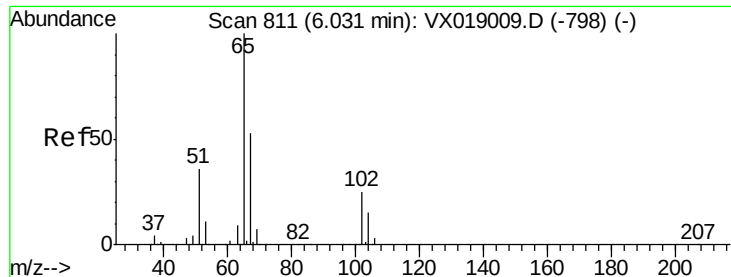
Tot Ion: 56 Resp: 3413
Ion Ratio Lower Upper
56 100
69 30.2 26.2 39.2
84 101.3 78.3 117.5



#32
1,1,1-Trichloroethane
Concen: 0.911 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion: 97 Resp: 4009
Ion Ratio Lower Upper
97 100
99 0.0 51.3 76.9#
61 40.7 31.9 47.9

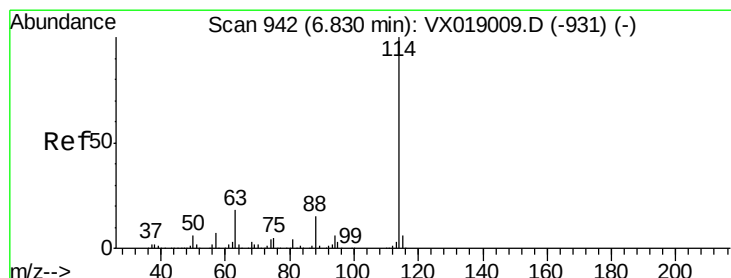
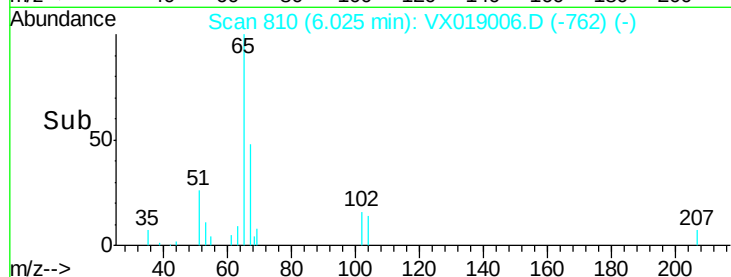
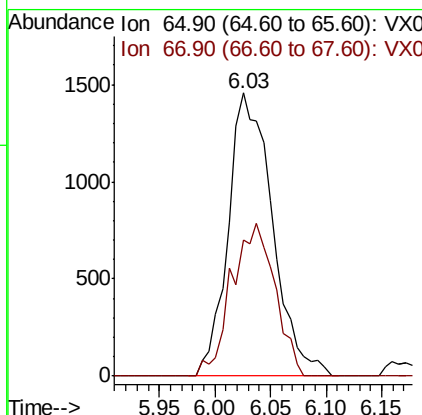
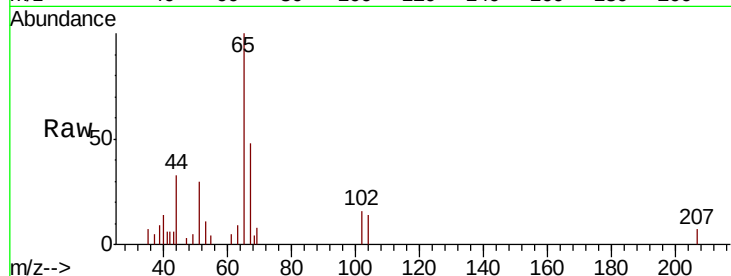




#33
 1,2-Dichloroethane-d4
 Concen: 1.356 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

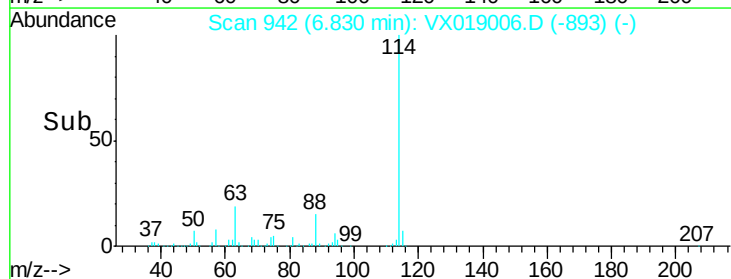
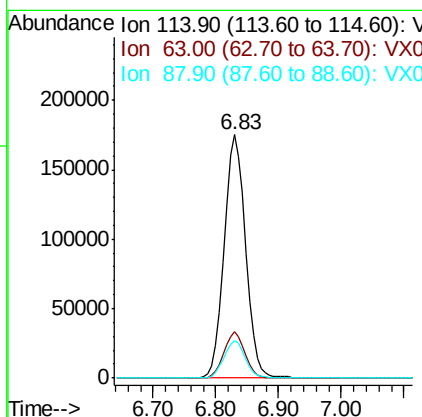
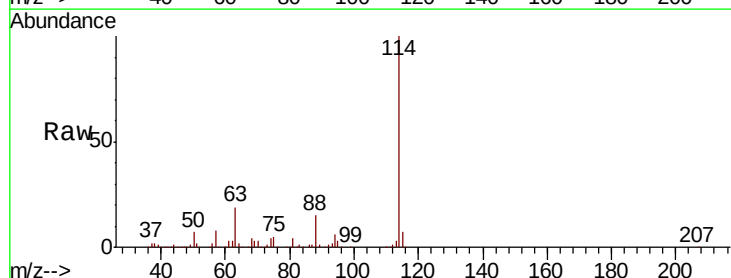
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

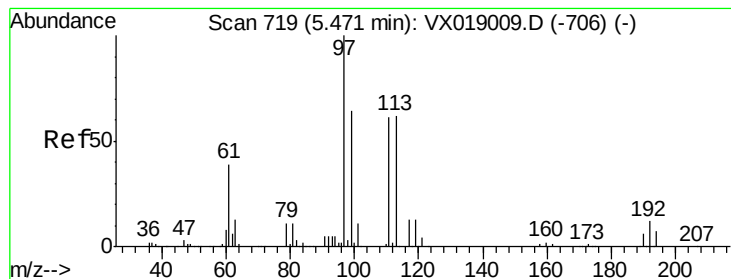
Tot Ion: 65 Resp: 4015
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion: 114 Resp: 413962
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.8
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 1.247 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

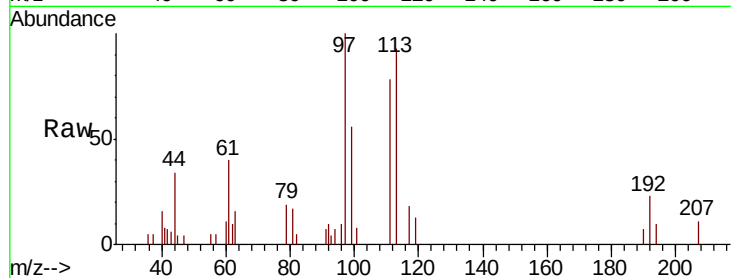
Tot Ion:113 Resp: 3267

Ion Ratio Lower Upper

113 100

111 104.2 81.5 122.3

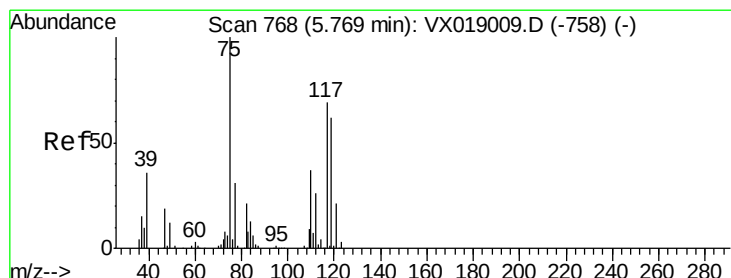
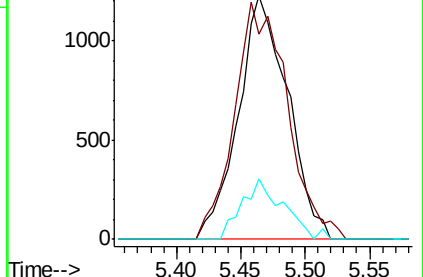
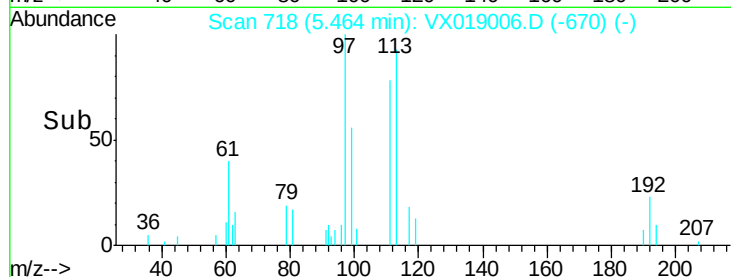
192 20.9 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.987 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

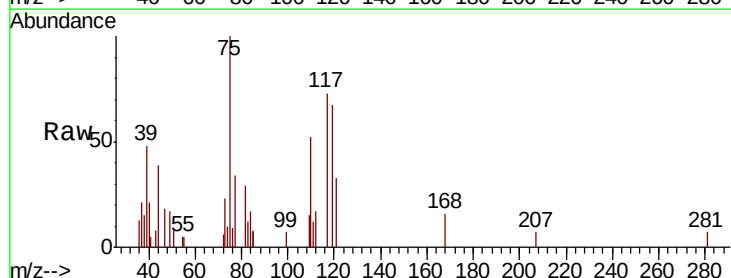
Tgt Ion: 75 Resp: 3665

Ion Ratio Lower Upper

75 100

110 43.4 19.4 58.2

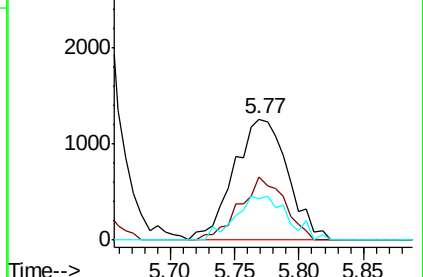
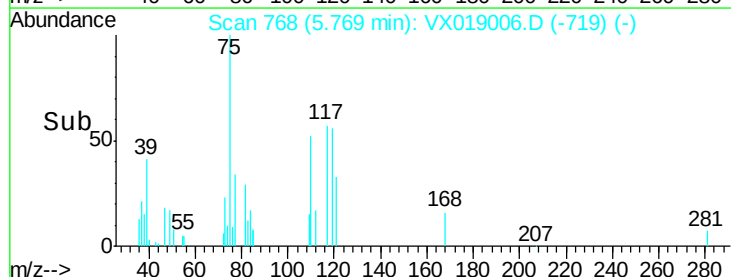
77 35.0 25.2 37.8

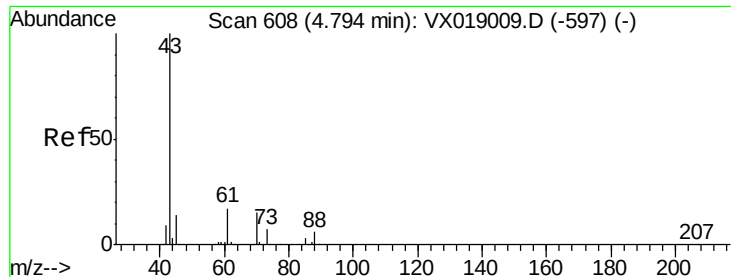


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

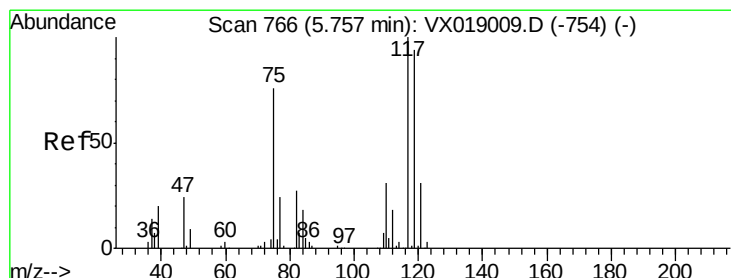
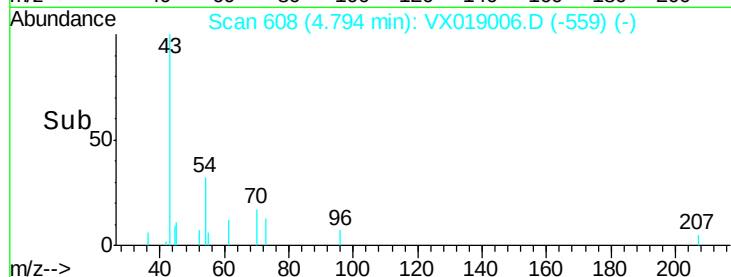
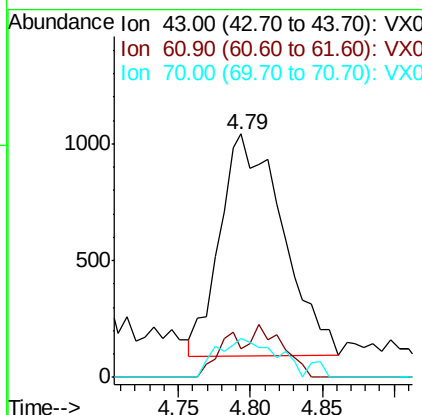
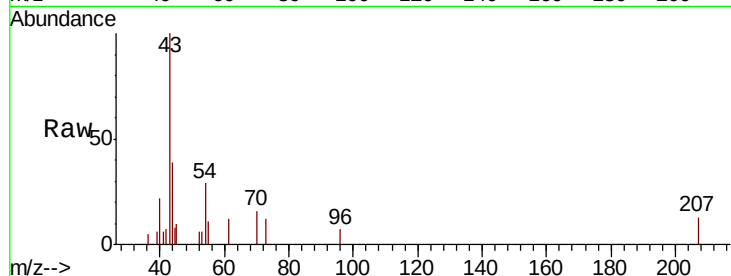




#37
Ethyl Acetate
Concen: 0.908 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

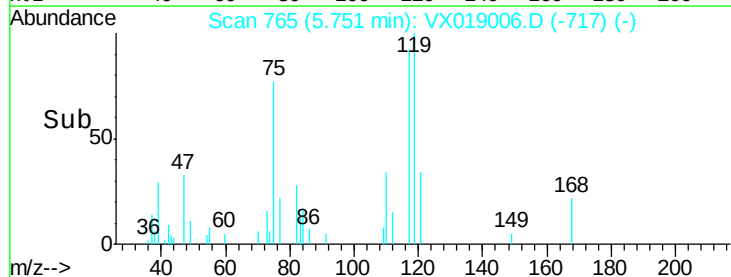
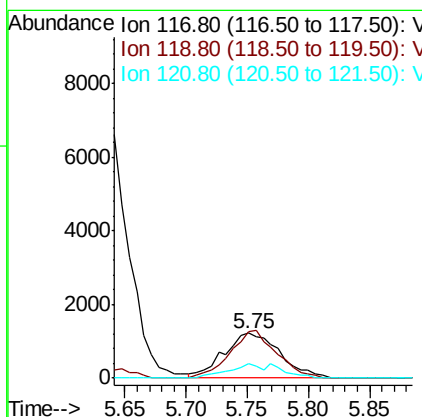
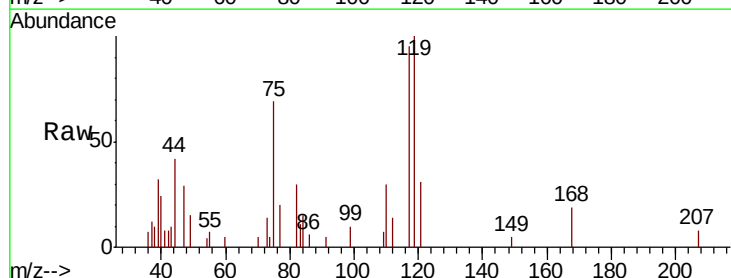
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

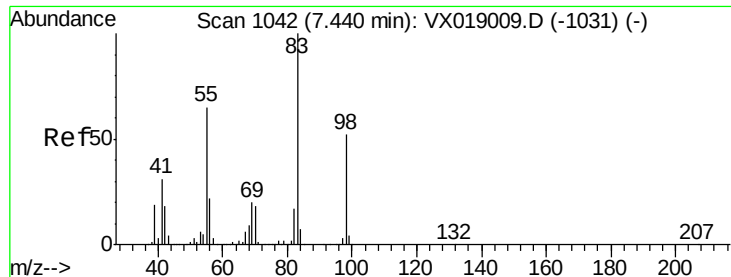
Tot Ion: 43 Resp: 2879
Ion Ratio Lower Upper
43 100
61 7.8 13.8 20.8#
70 16.4 11.4 17.2



#38
Carbon Tetrachloride
Concen: 1.000 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion: 117 Resp: 3898
Ion Ratio Lower Upper
117 100
119 105.0 75.4 113.0
121 32.2 25.0 37.6

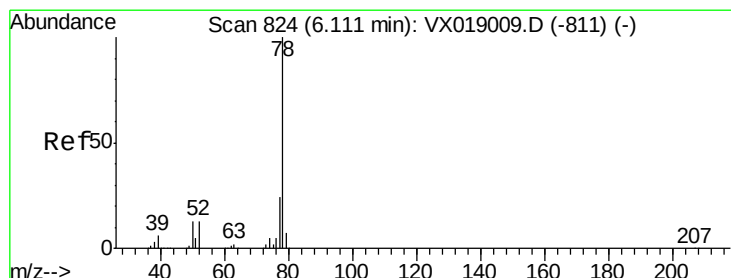
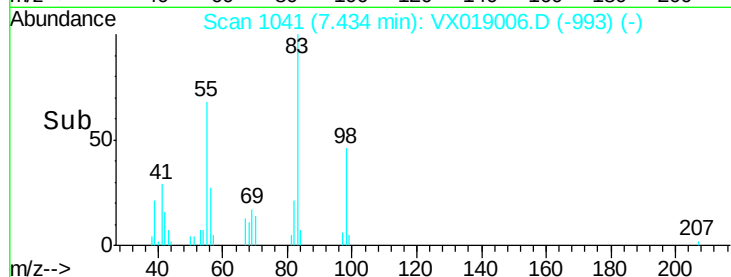
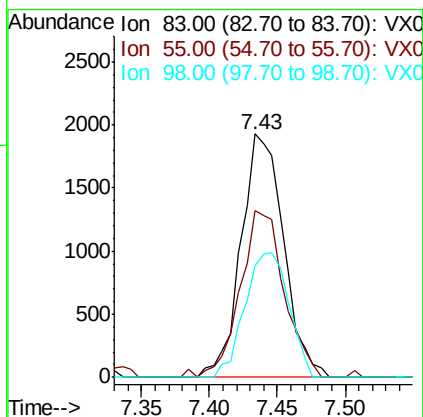
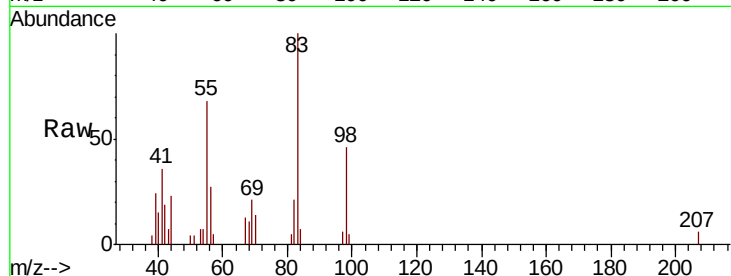




#39
Methylvlcyclohexane
Concen: 1.012 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

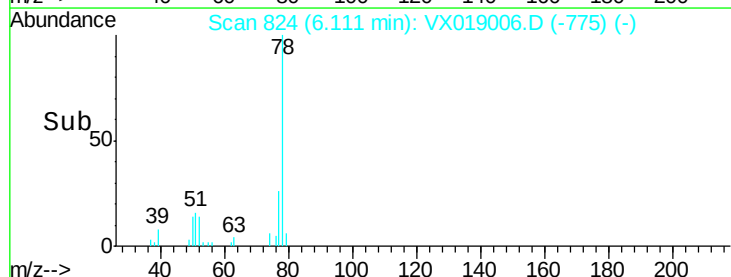
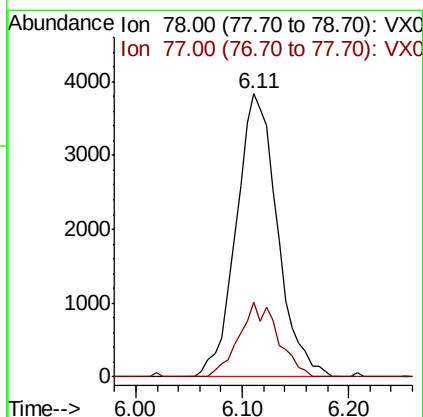
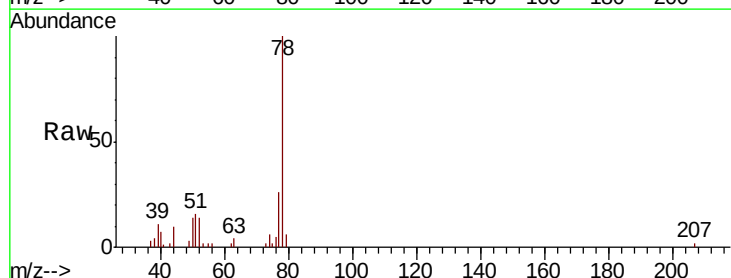
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

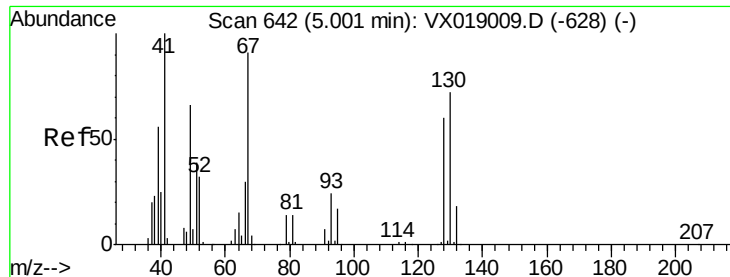
Tot Ion: 83 Resp: 4212
Ion Ratio Lower Upper
83 100
55 68.3 51.8 77.6
98 45.6 41.4 62.2



#40
Benzene
Concen: 0.949 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion: 78 Resp: 10385
Ion Ratio Lower Upper
78 100
77 26.2 19.3 28.9

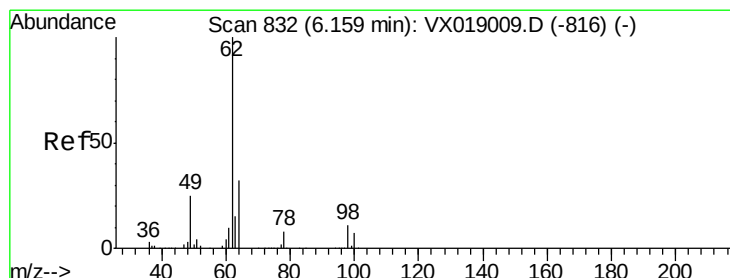
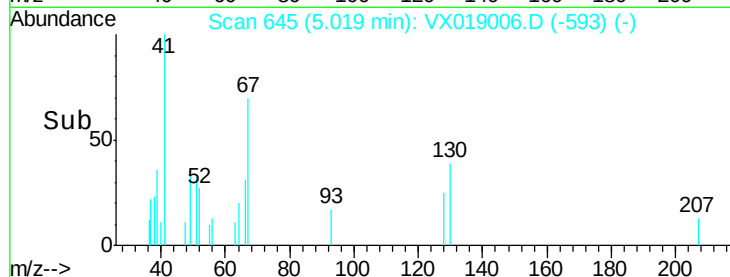
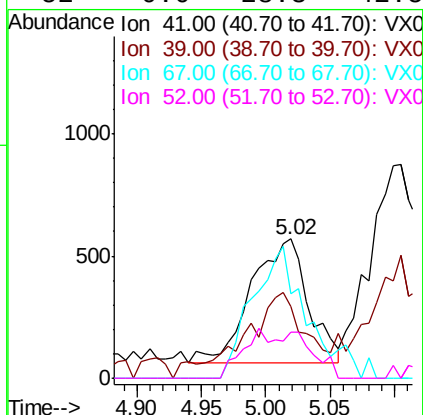
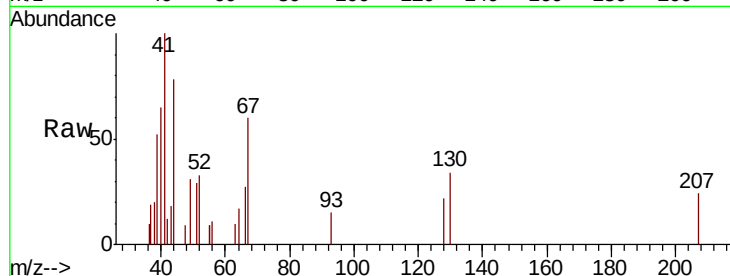




#41
Methacrylonitrile
Concen: 0.921 ug/l
RT: 5.02 min Scan# 645
Delta R.T. 0.02 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

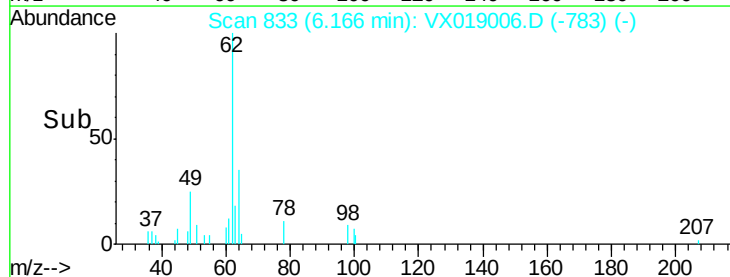
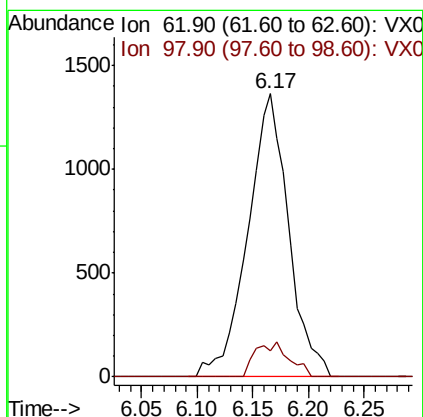
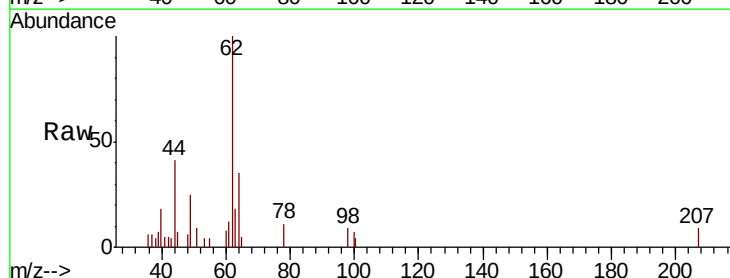
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

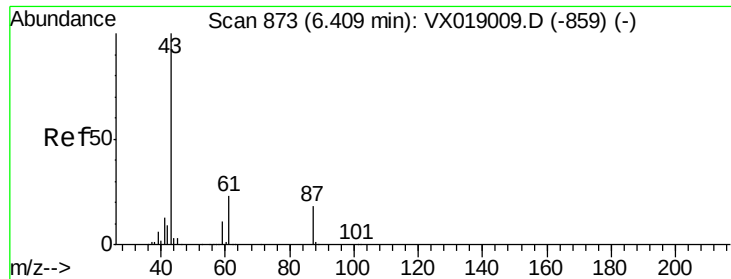
Tot Ion: 41 Resp: 1568
Ion Ratio Lower Upper
41 100
39 59.2 44.6 67.0
67 93.3 76.1 114.1
52 0.0 28.3 42.5#



#42
1,2-Dichloroethane
Concen: 0.932 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion: 62 Resp: 3478
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.8





#43

Isopropyl Acetate

Concen: 0.902 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

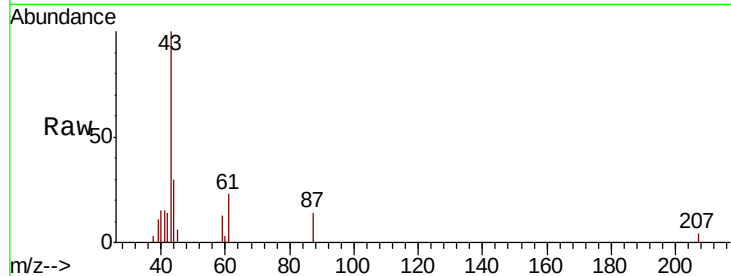
Tot Ion: 43 Resp: 4845

Ion Ratio Lower Upper

43 100

61 23.9 18.7 28.1

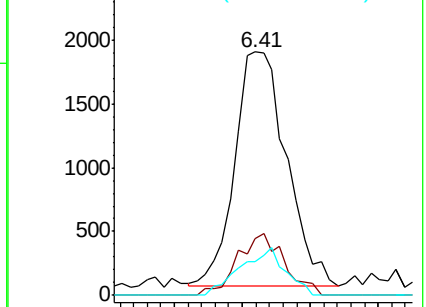
87 17.8 14.2 21.4



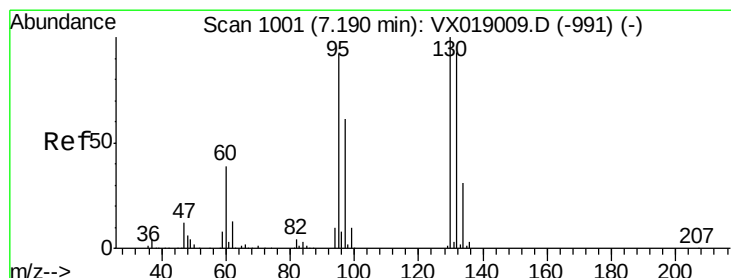
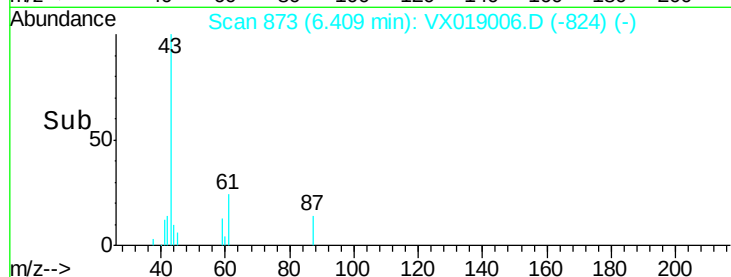
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#44

Trichloroethene

Concen: 0.973 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019006.D

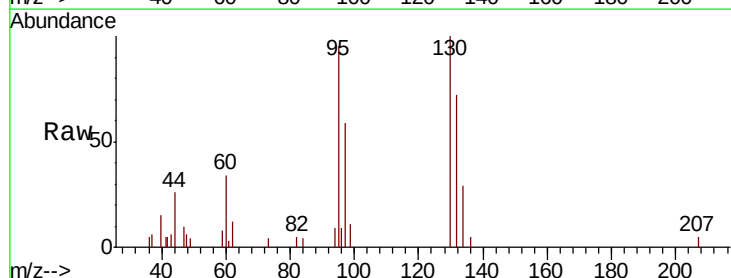
Acq: 21 Oct 2020 18:01

Tgt Ion: 130 Resp: 3104

Ion Ratio Lower Upper

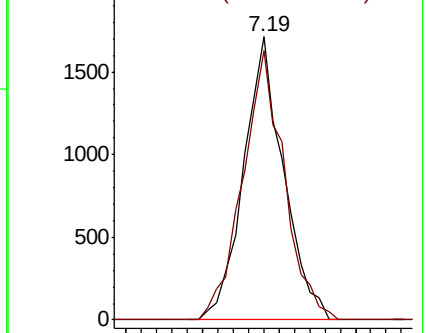
130 100

95 95.0 0.0 184.2

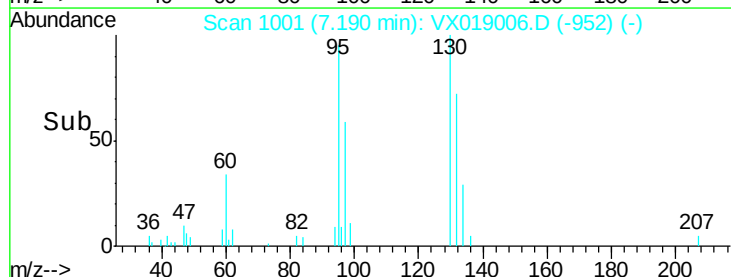


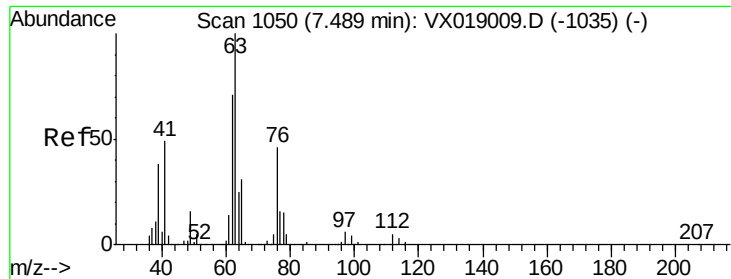
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->

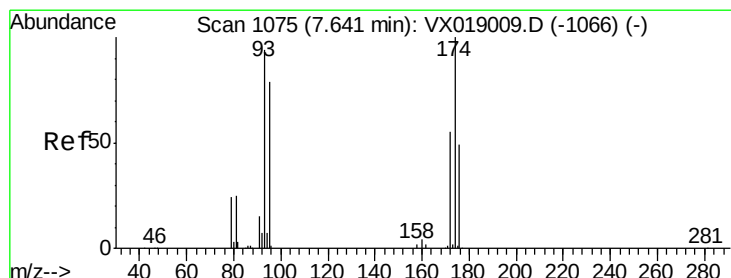
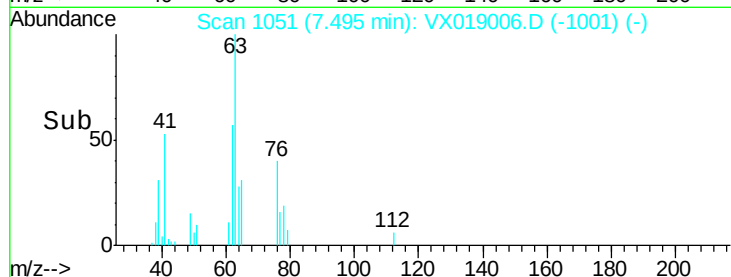
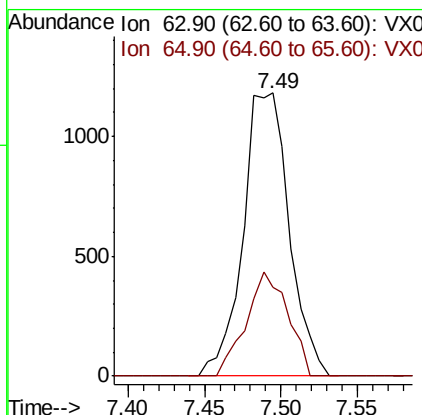
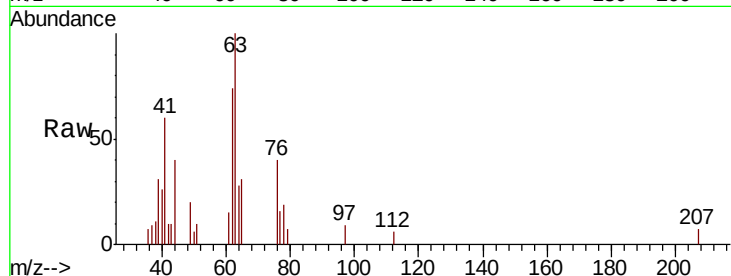




#45
 1,2-Dichloropropane
 Concen: 0.945 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

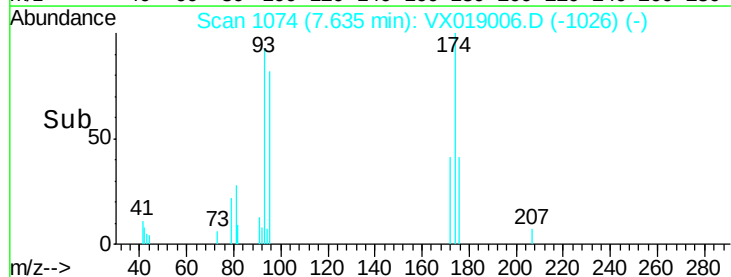
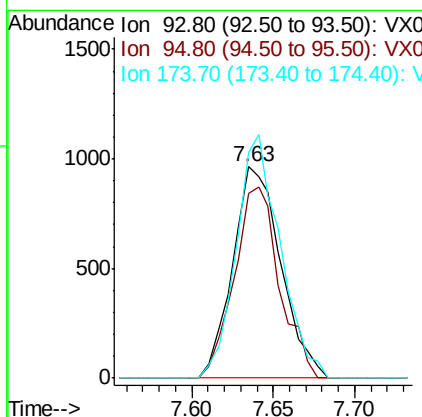
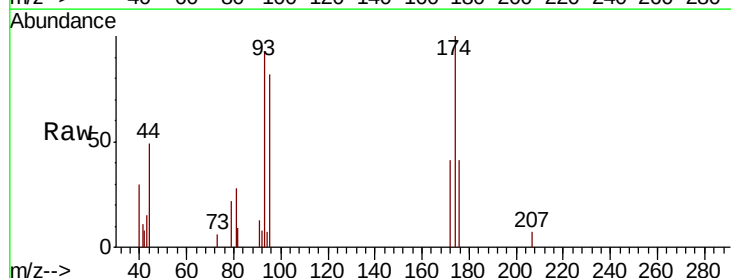
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

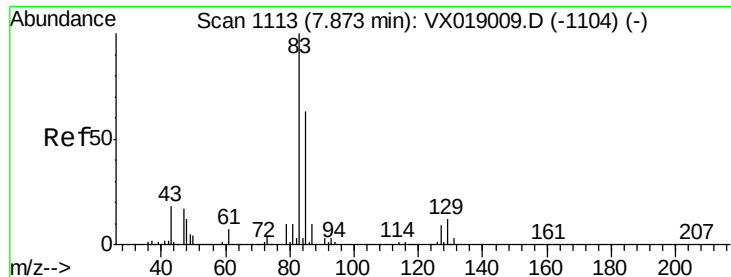
Tot Ion: 63 Resp: 2481
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.9 37.3



#46
 Dibromomethane
 Concen: 0.990 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion: 93 Resp: 1978
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.8 100.2
 174 104.9 83.8 125.8





#47

Bromodichloromethane

Concen: 0.899 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

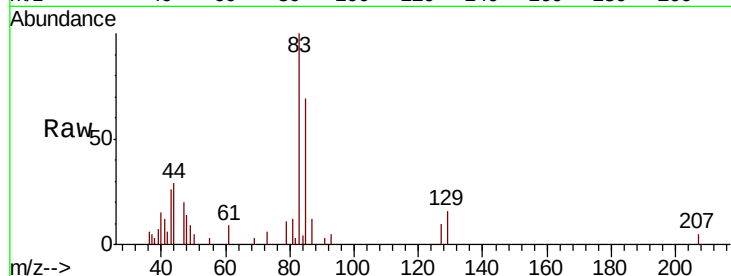
Tot Ion: 83 Resp: 3524

Ion Ratio Lower Upper

83 100

85 69.4 50.7 76.1

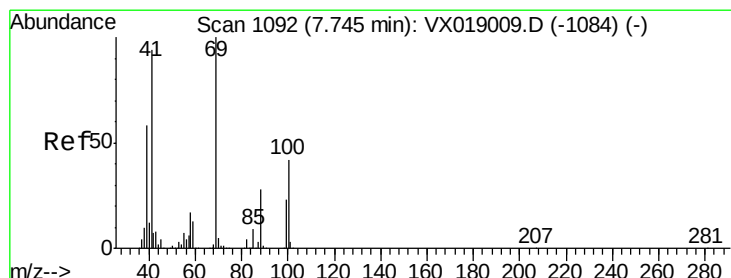
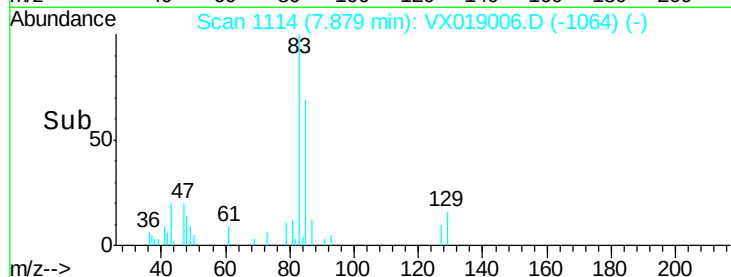
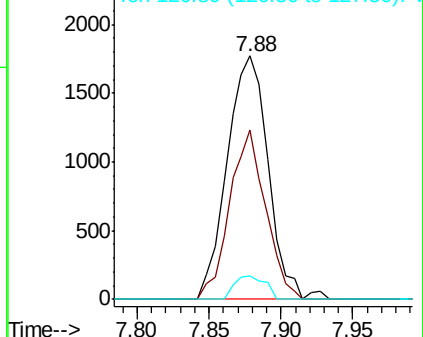
127 9.5 6.8 10.2



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: 1.103 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

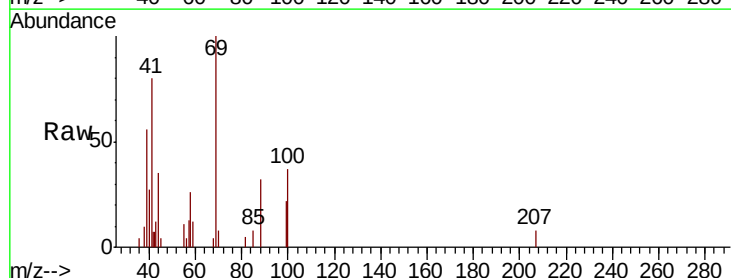
Tgt Ion: 41 Resp: 2917

Ion Ratio Lower Upper

41 100

69 82.9 85.5 128.3#

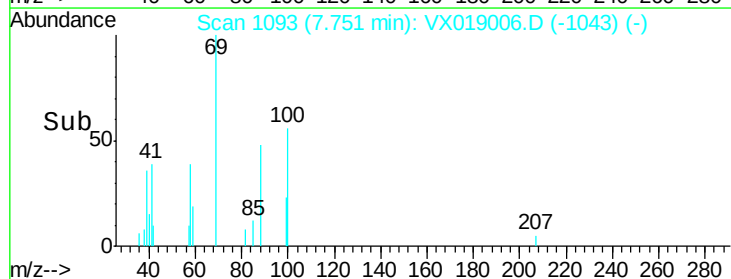
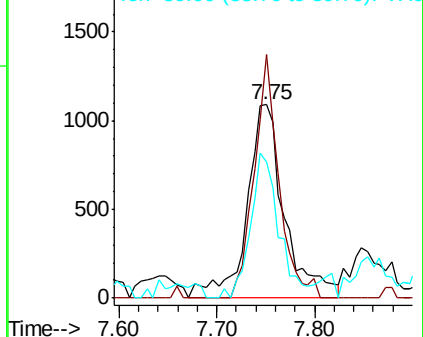
39 56.5 49.3 73.9

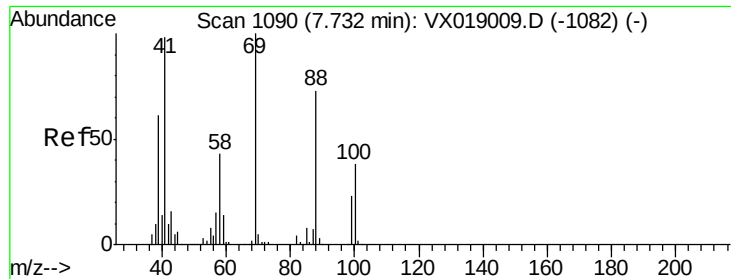


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 18.619 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.02 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

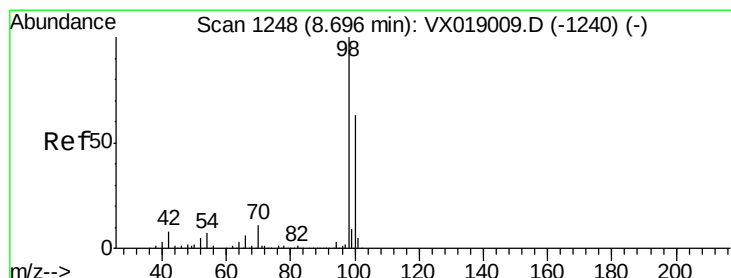
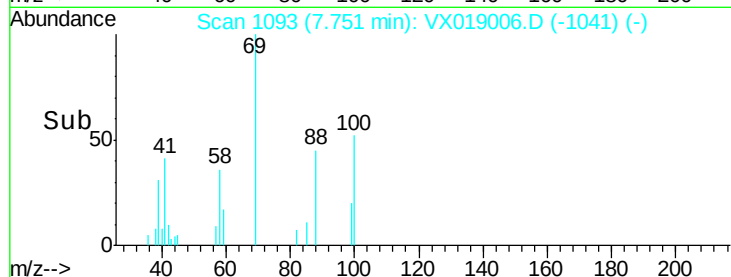
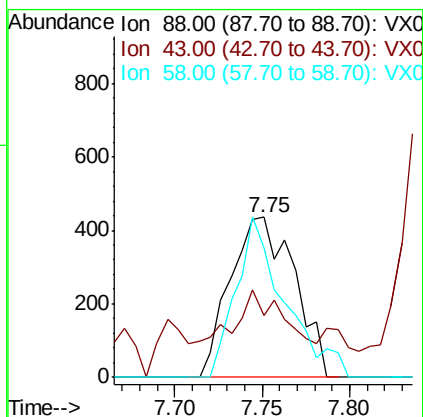
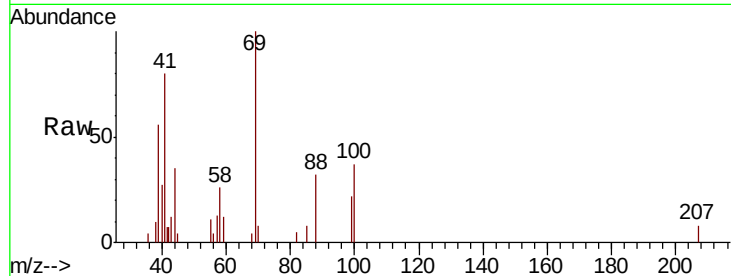
Tot Ion: 88 Resp: 1113

Ion Ratio Lower Upper

88 100

43 26.4 20.3 30.5

58 76.0 48.4 72.6#



#50

Toluene-d8

Concen: 1.078 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019006.D

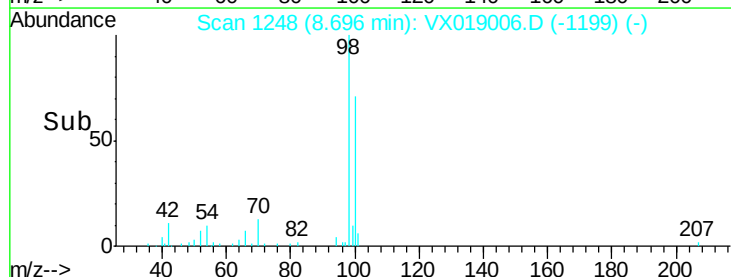
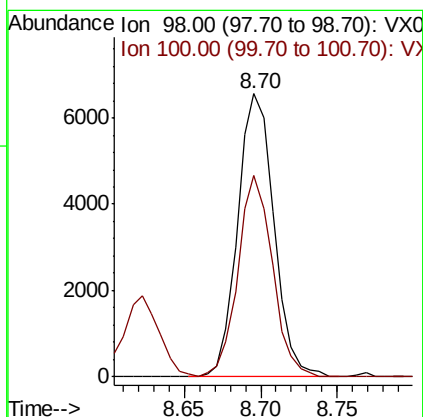
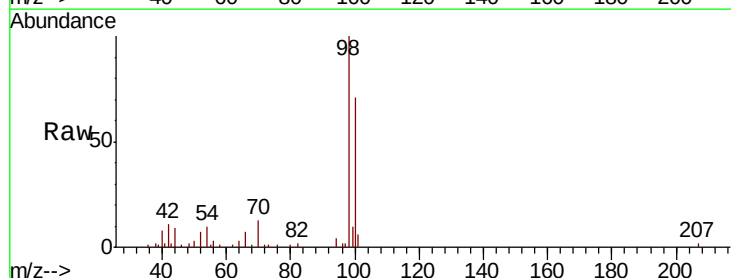
Acq: 21 Oct 2020 18:01

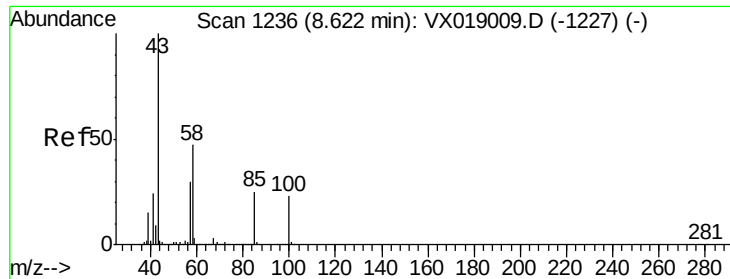
Tgt Ion: 98 Resp: 10786

Ion Ratio Lower Upper

98 100

100 67.7 52.1 78.1

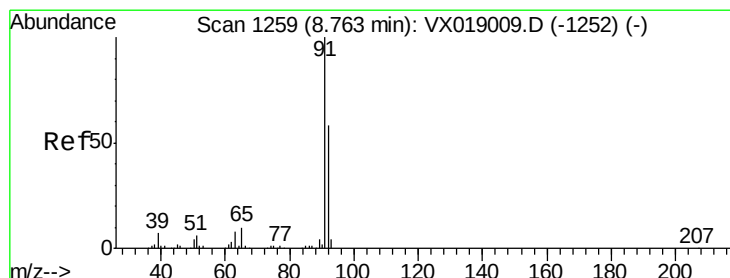
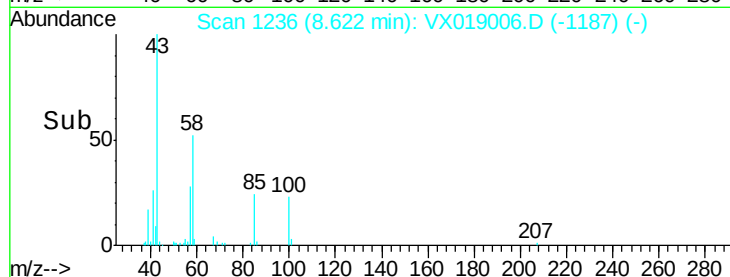
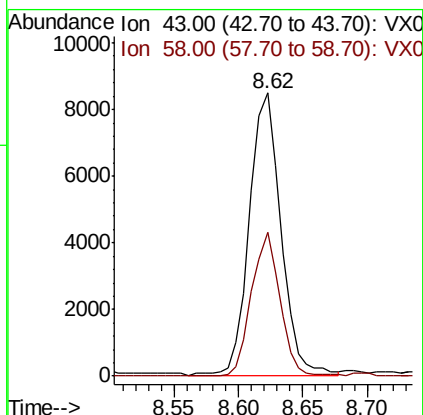
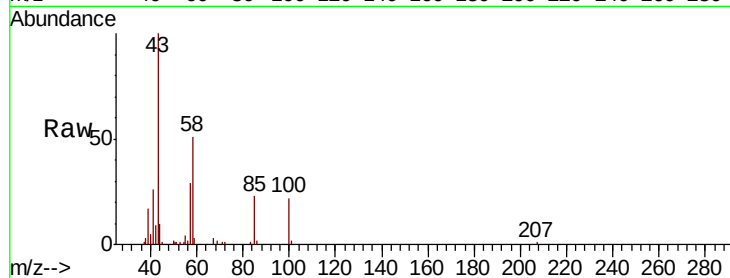




#51
 4-Methyl-2-Pentanone
 Concen: 4.581 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

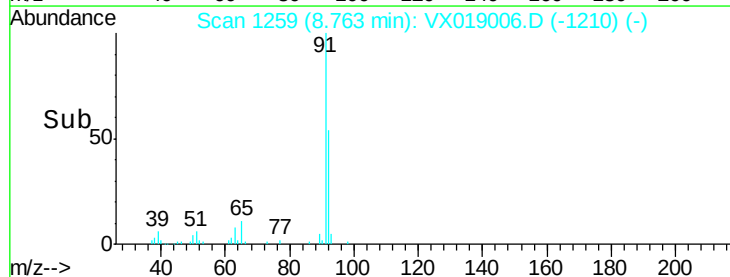
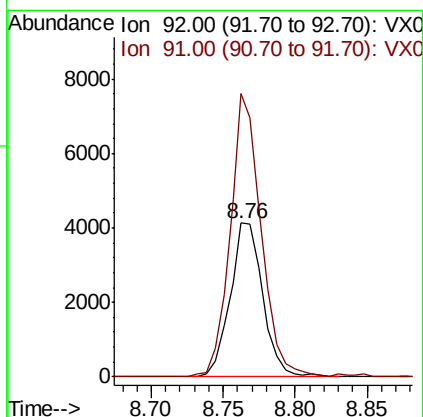
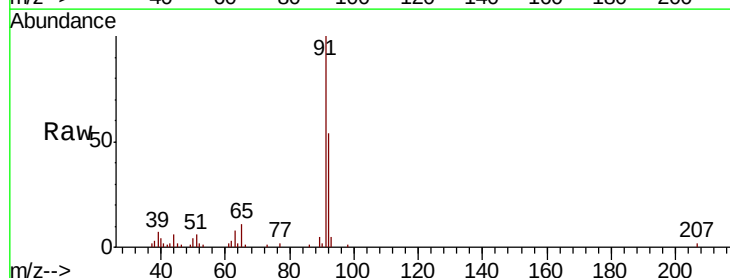
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

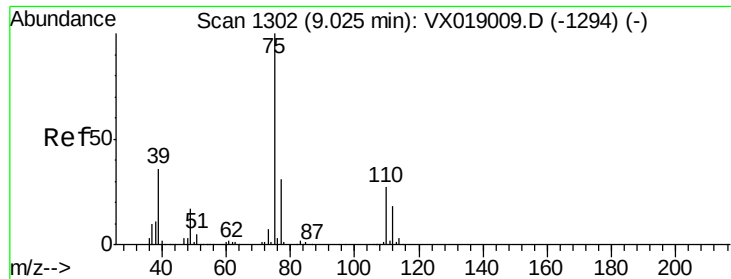
Tot Ion: 43 Resp: 14494
 Ion Ratio Lower Upper
 43 100
 58 45.4 37.4 56.0



#52
 Toluene
 Concen: 0.907 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion: 92 Resp: 6550
 Ion Ratio Lower Upper
 92 100
 91 173.6 138.6 208.0

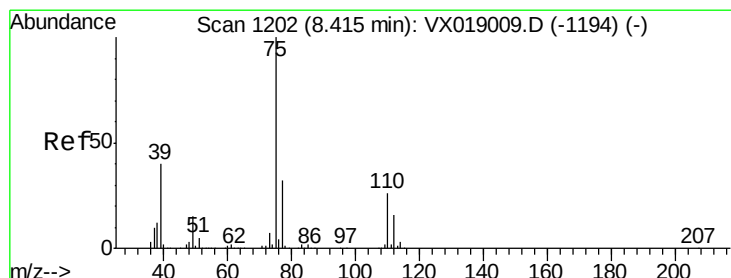
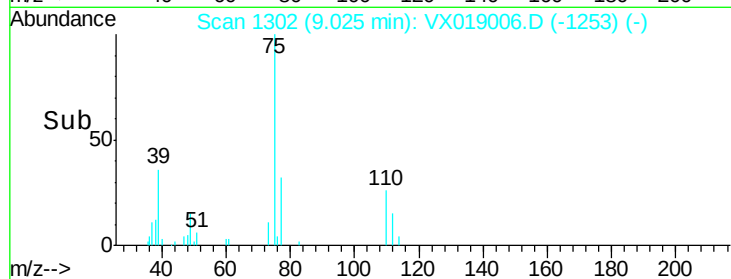
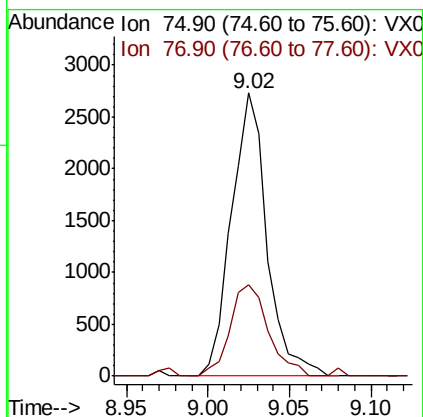
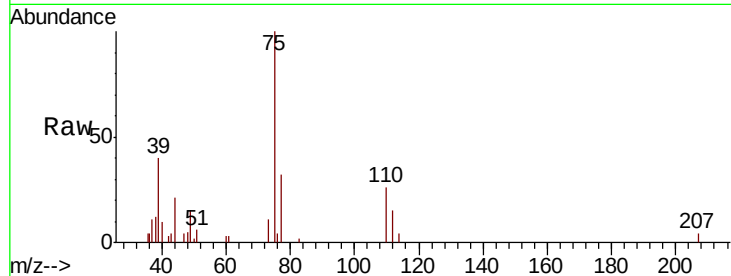




#53
t-1,3-Dichloropropene
Concen: 0.934 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

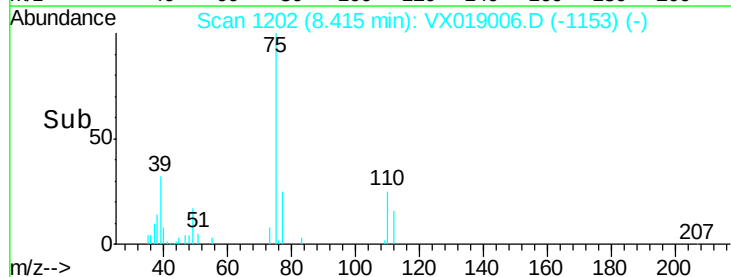
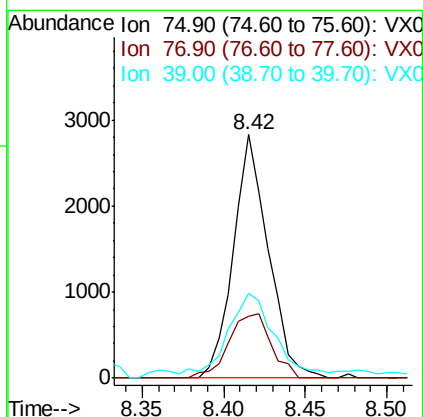
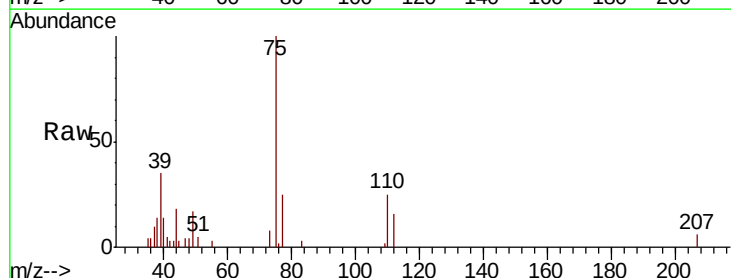
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

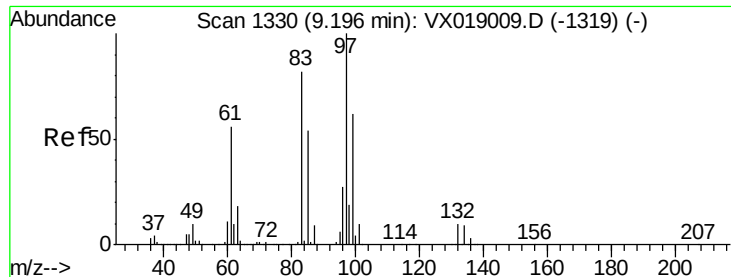
Tot Ion: 75 Resp: 4135
Ion Ratio Lower Upper
75 100
77 32.3 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 0.903 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion: 75 Resp: 4221
Ion Ratio Lower Upper
75 100
77 25.4 25.9 38.9#
39 32.0 31.7 47.5

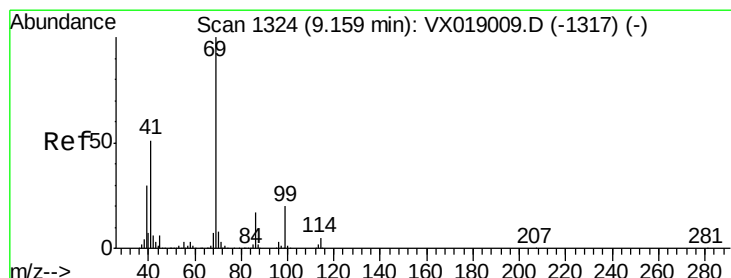
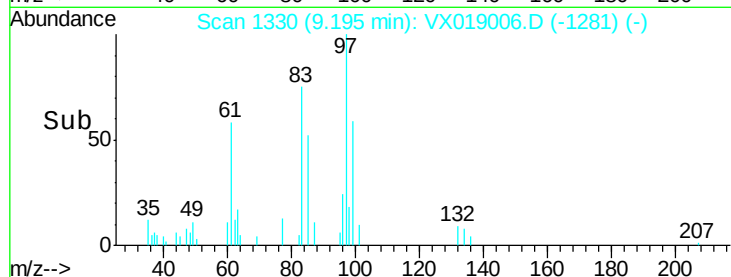
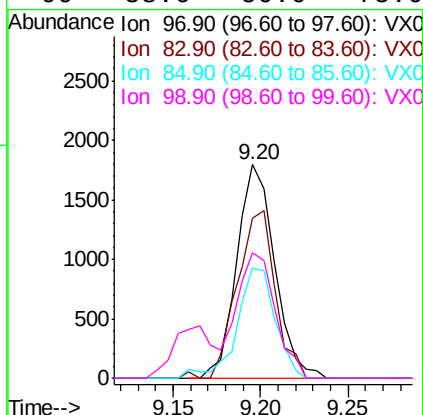
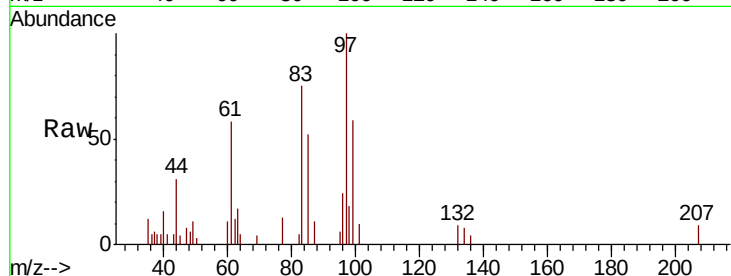




#55
 1,1,2-Trichloroethane
 Concen: 0.920 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

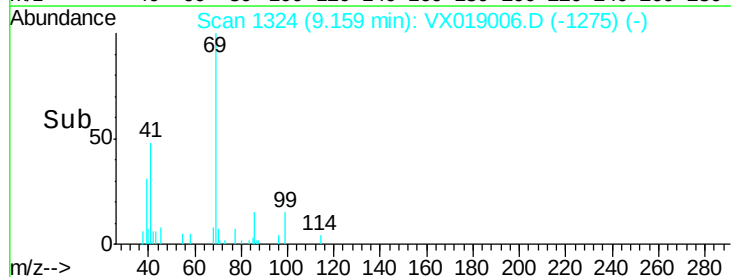
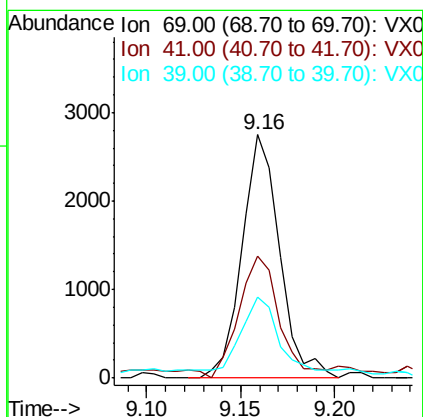
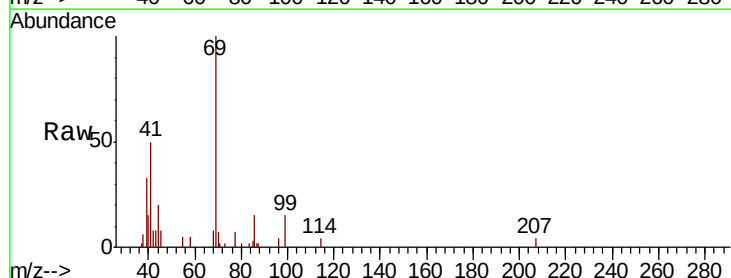
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

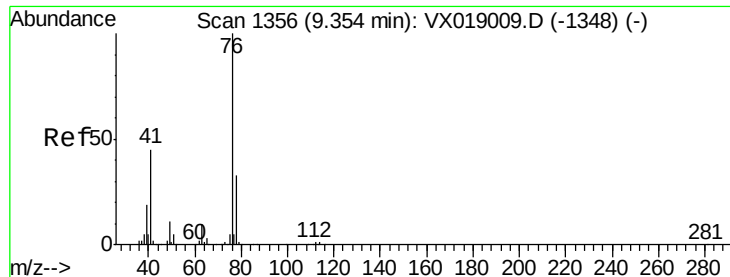
Tot Ion:	97	Resp:	2711
Ion	Ratio	Lower	Upper
97	100		
83	74.7	65.4	98.2
85	51.8	43.3	64.9
99	58.6	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 0.896 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion:	69	Resp:	3798
Ion	Ratio	Lower	Upper
69	100		
41	54.2	41.1	61.7
39	27.5	24.6	37.0





#57

1,3-Dichloropropane

Concen: 0.891 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

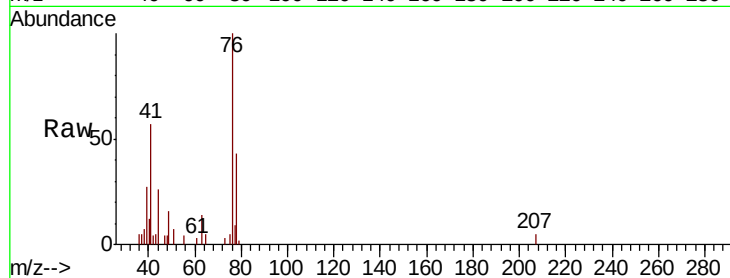
VSTDIC001

Tot Ion: 76 Resp: 4164

Ion Ratio Lower Upper

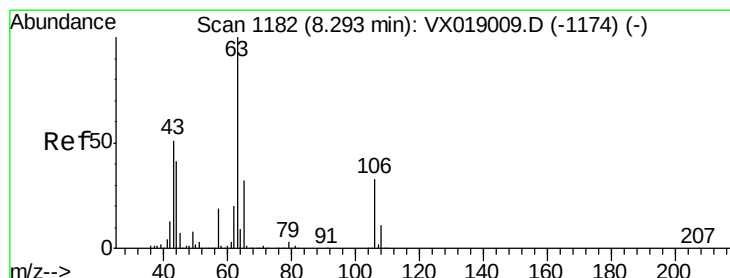
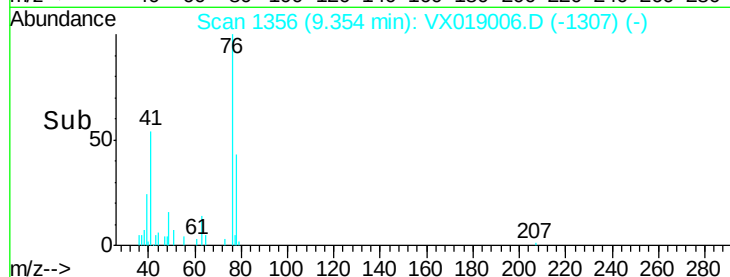
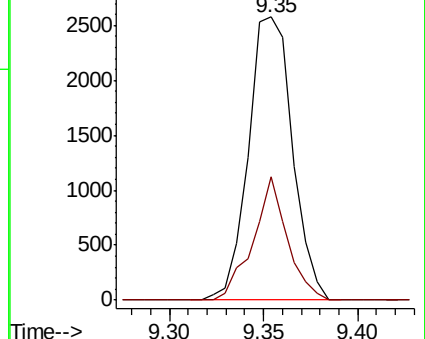
76 100

78 33.8 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 4.313 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019006.D

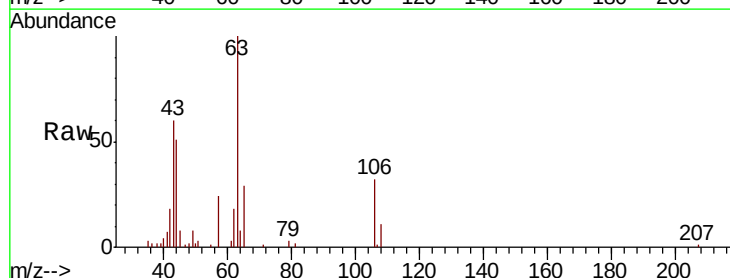
Acq: 21 Oct 2020 18:01

Tgt Ion: 63 Resp: 9602

Ion Ratio Lower Upper

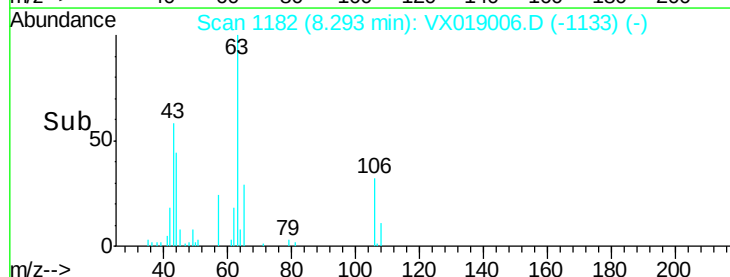
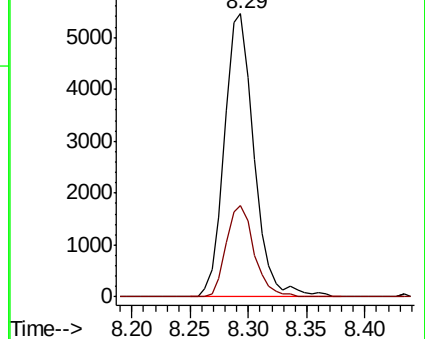
63 100

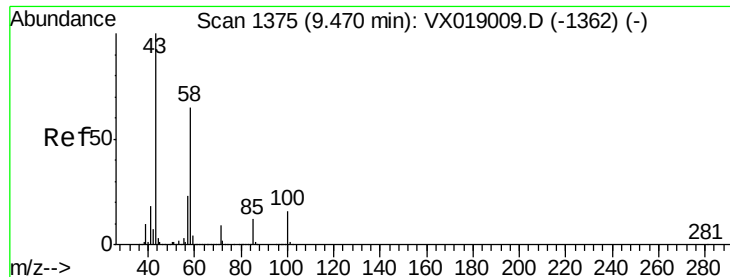
106 30.5 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

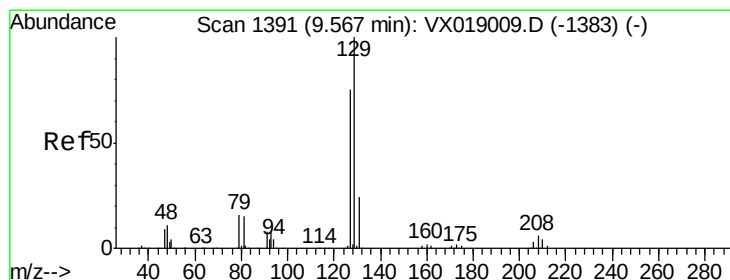
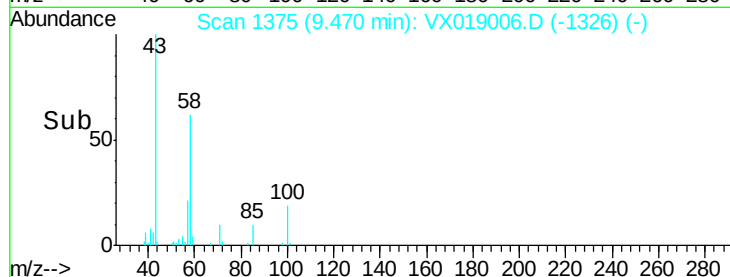
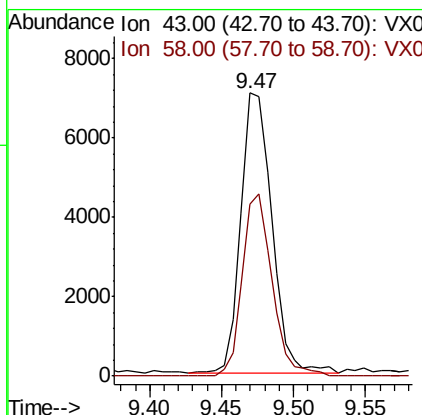
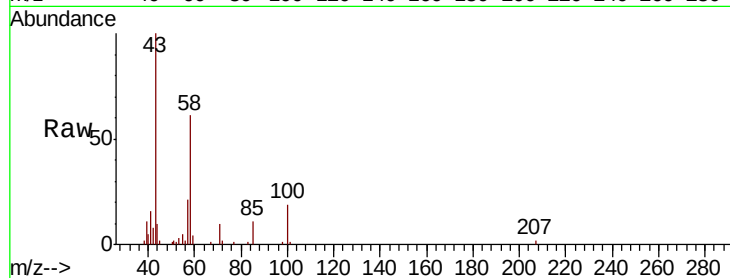




#59
2-Hexanone
Concen: 4.476 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

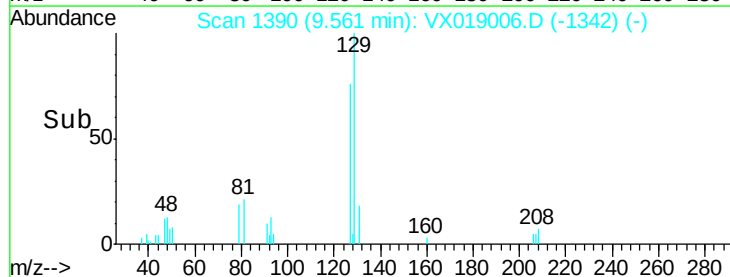
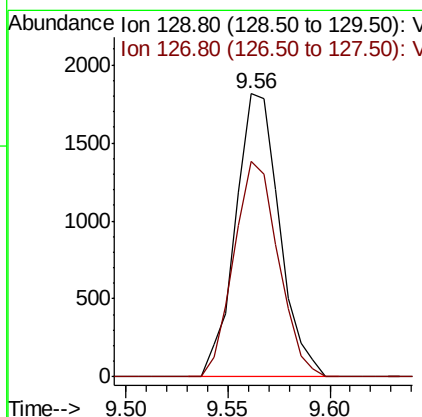
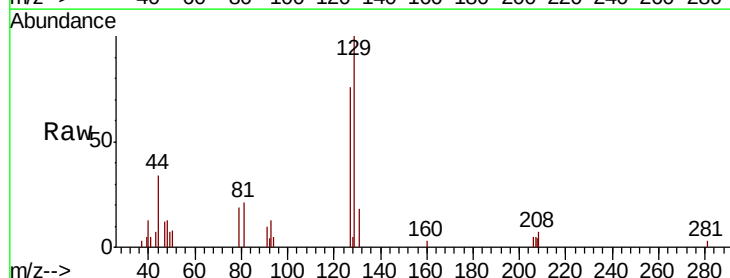
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

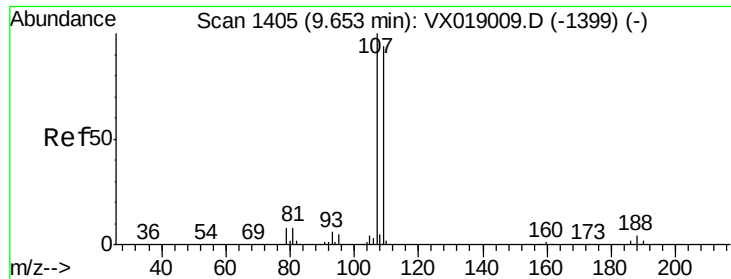
Tot Ion: 43 Resp: 10554
Ion Ratio Lower Upper
43 100
58 62.3 32.8 98.4



#60
Dibromochloromethane
Concen: 0.846 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion: 129 Resp: 2717
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7

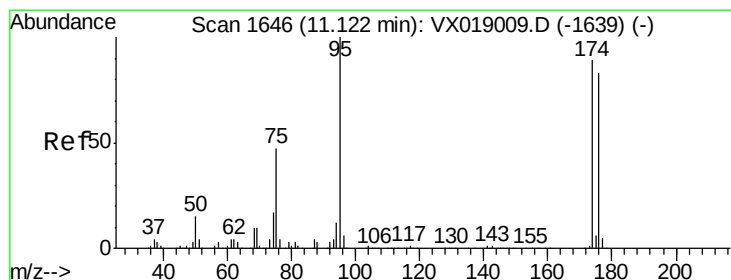
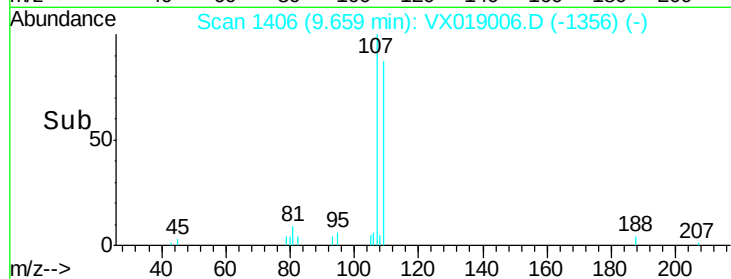
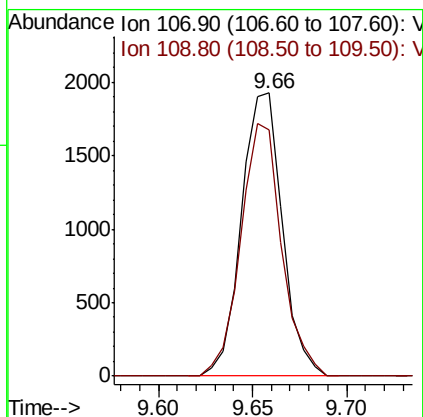
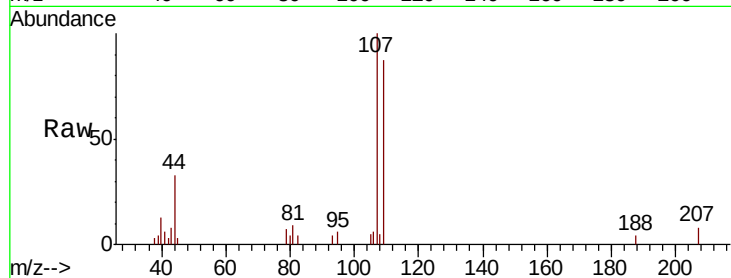




#61
 1,2-Dibromoethane
 Concen: 0.920 ug/l
 RT: 9.66 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

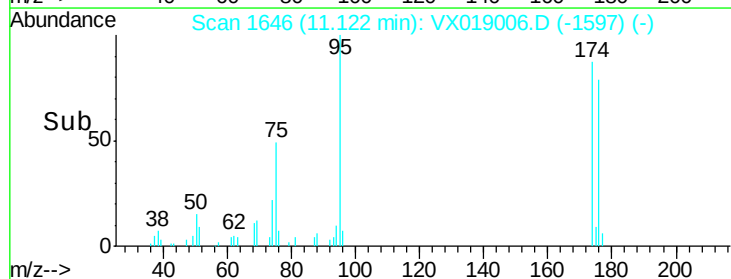
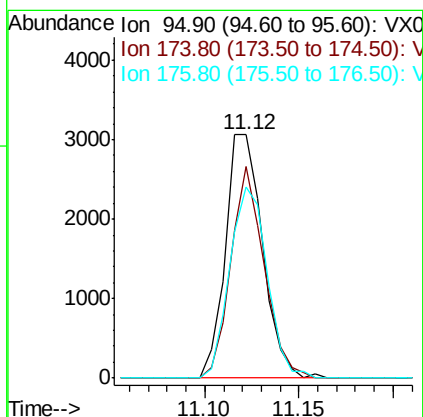
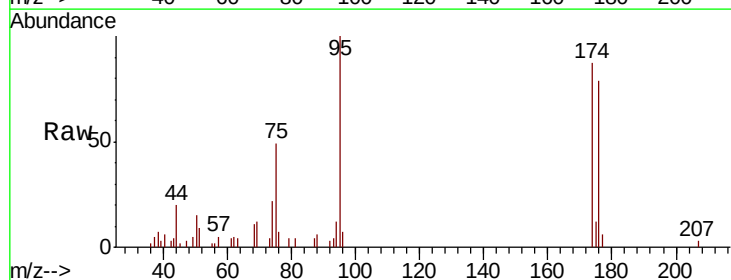
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

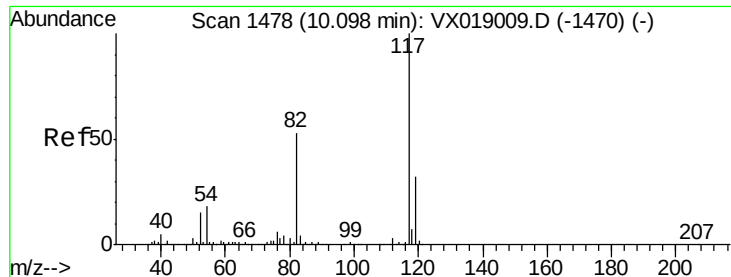
Tot Ion: 107 Resp: 2899
 Ion Ratio Lower Upper
 107 100
 109 89.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 1.176 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion: 95 Resp: 4183
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 167.6
 176 79.1 0.0 165.2

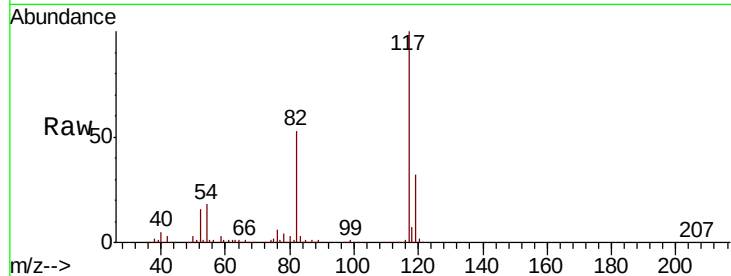




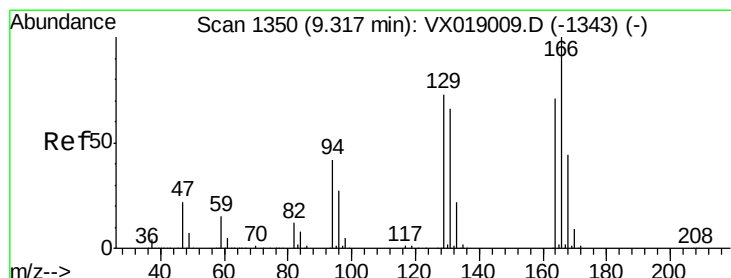
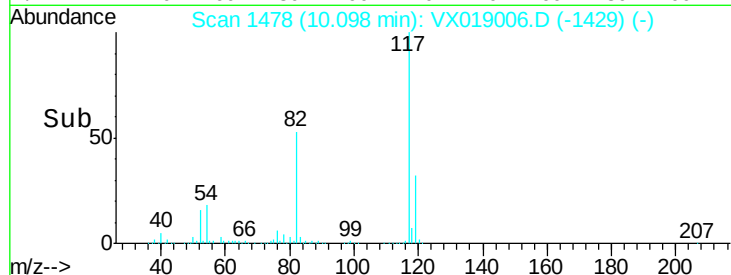
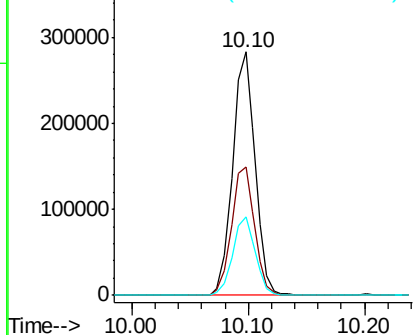
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 379669
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 32.2 25.6 38.4

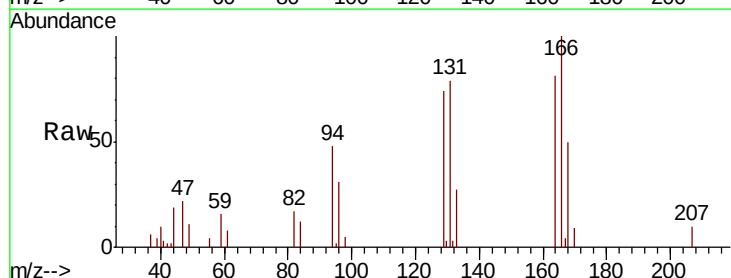


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

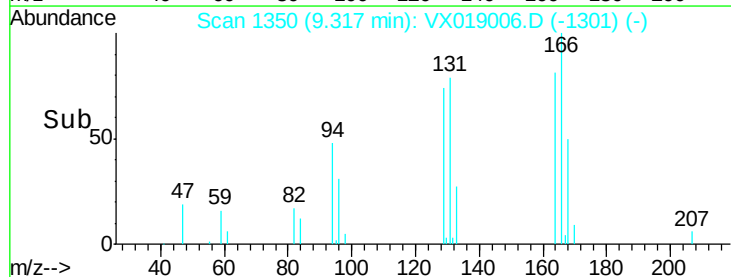
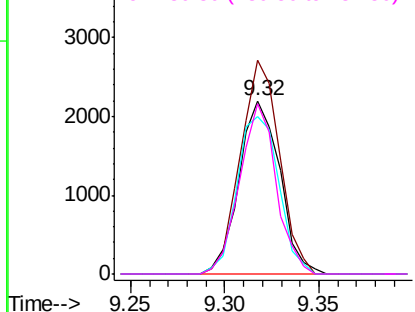


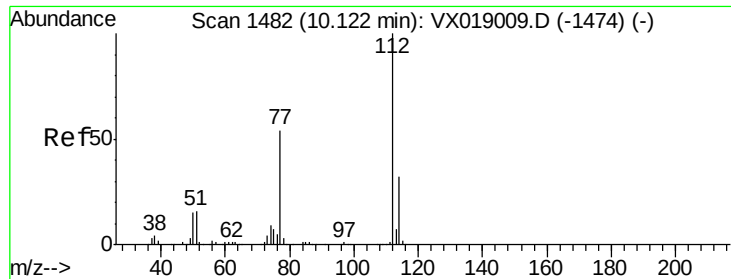
#64
Tetrachloroethene
Concen: 1.137 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion:164 Resp: 3287
Ion Ratio Lower Upper
164 100
166 123.3 112.2 168.4
129 91.2 81.8 122.8
131 97.9 74.6 112.0



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

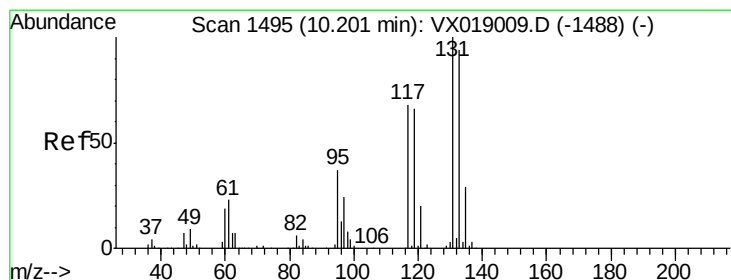
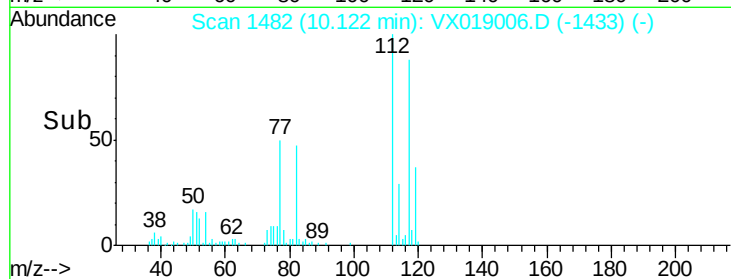
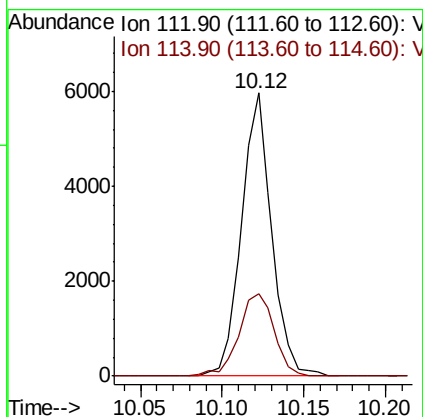
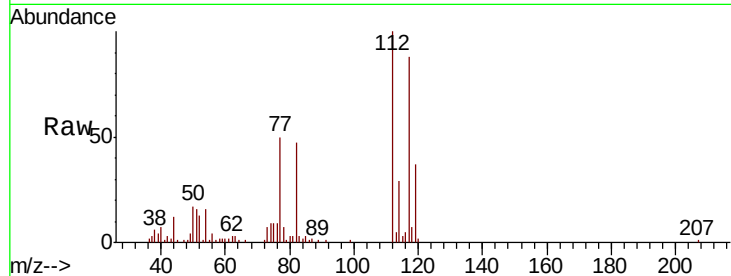




#65
Chlorobenzene
Concen: 0.963 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

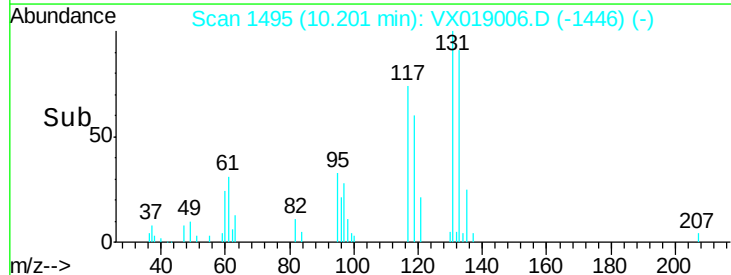
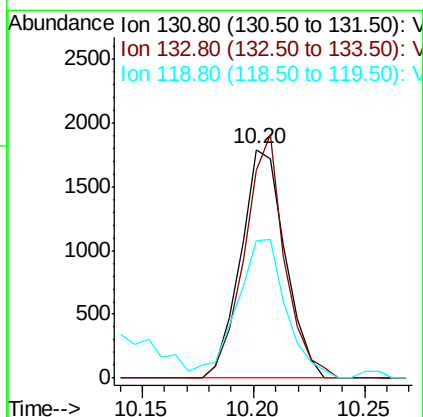
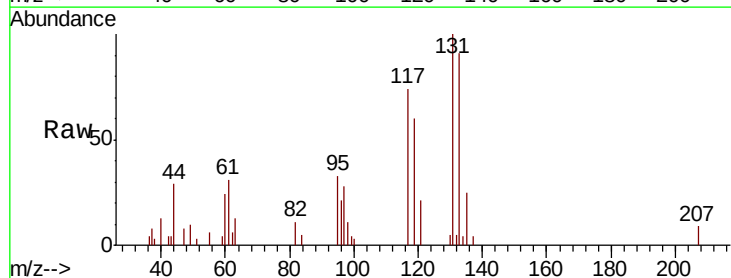
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

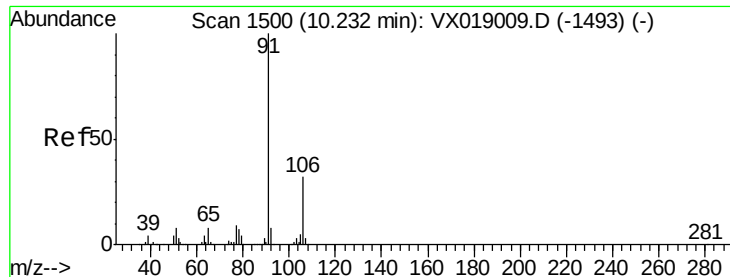
Tot Ion:112 Resp: 7672
Ion Ratio Lower Upper
112 100
114 29.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 0.879 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion:131 Resp: 2488
Ion Ratio Lower Upper
131 100
133 96.2 47.0 141.2
119 0.0 32.9 98.7#

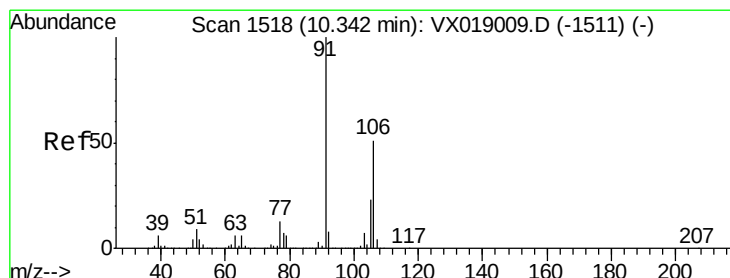
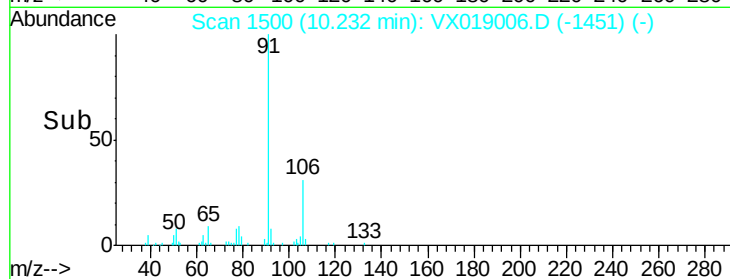
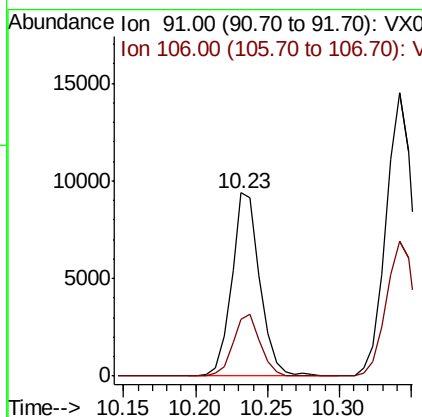
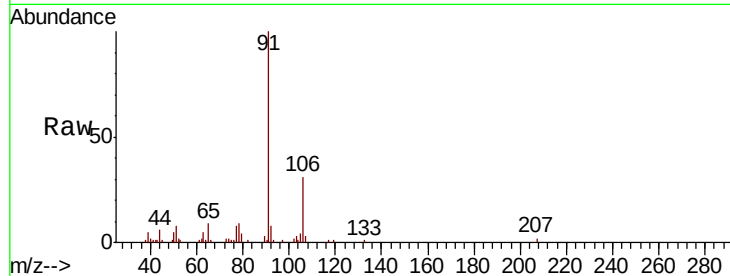




#67
Ethyl Benzene
Concen: 0.935 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

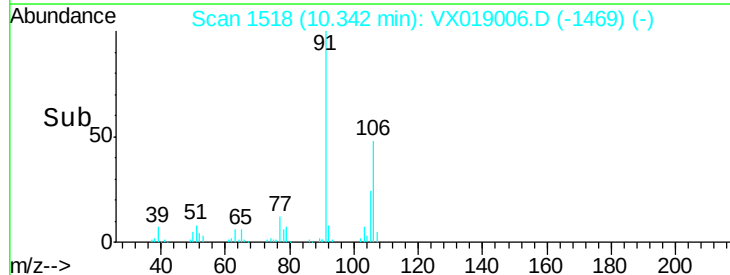
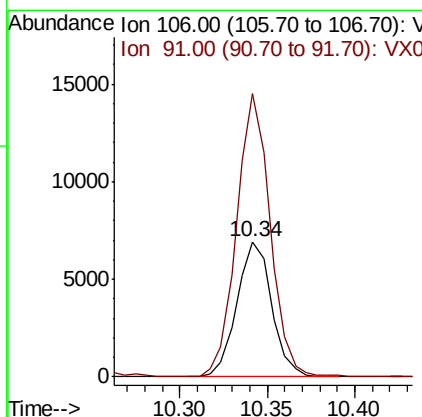
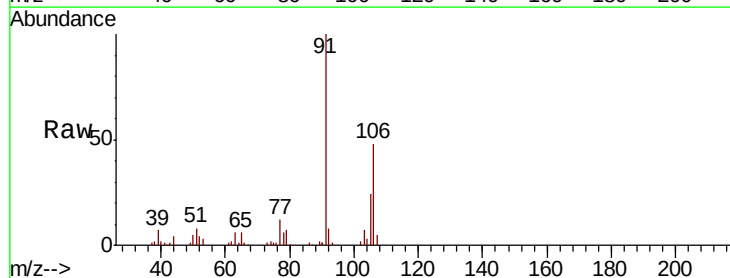
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

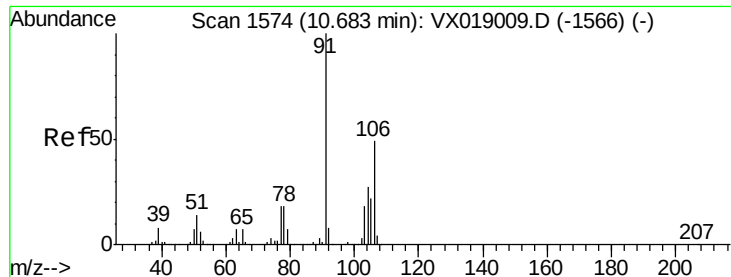
Tot Ion: 91 Resp: 12831
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9



#68
m/p-Xylenes
Concen: 1.824 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion: 106 Resp: 9591
Ion Ratio Lower Upper
106 100
91 202.8 156.9 235.3

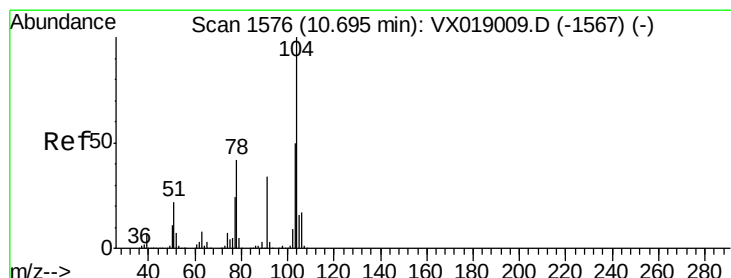
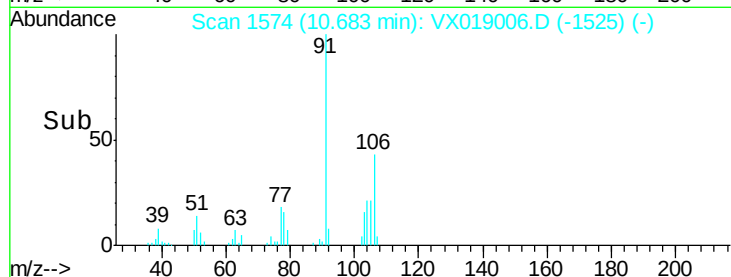
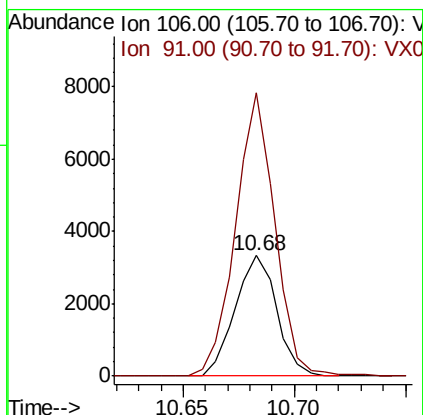
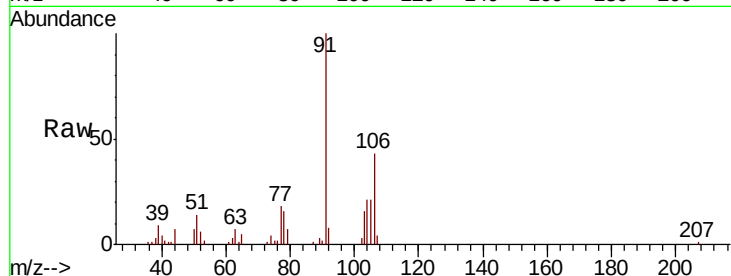




#69
o-Xylene
Concen: 0.864 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

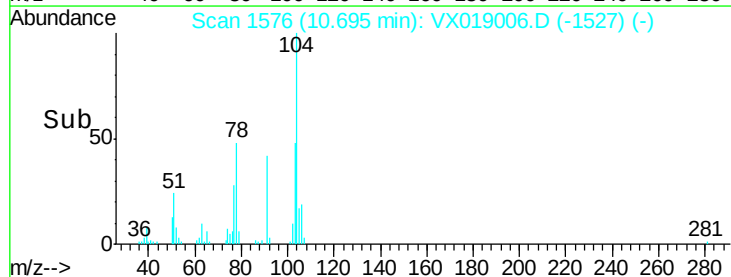
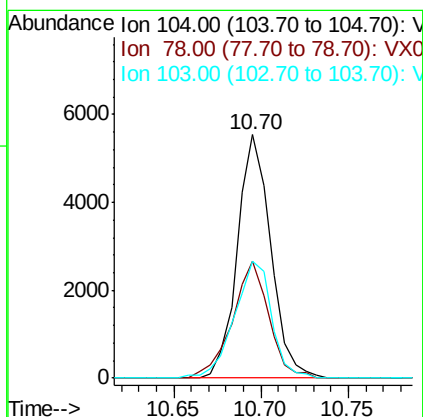
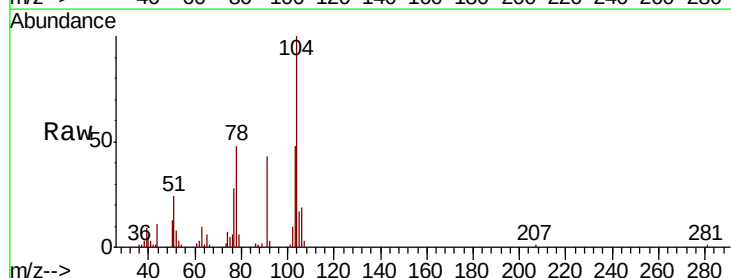
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

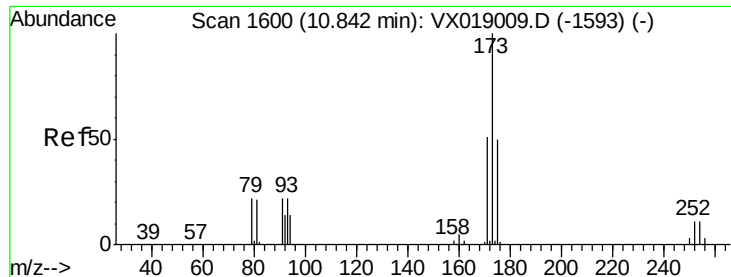
Tot Ion:106 Resp: 4346
Ion Ratio Lower Upper
106 100
91 221.9 104.0 312.0



#70
Styrene
Concen: 0.863 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion:104 Resp: 7378
Ion Ratio Lower Upper
104 100
78 52.0 37.7 56.5
103 53.2 43.5 65.3





#71

Bromoform

Concen: 0.826 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

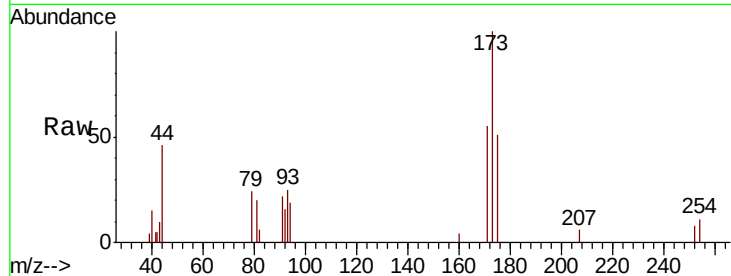
Tot Ion:173 Resp: 1887

Ion Ratio Lower Upper

173 100

175 50.6 24.1 72.4

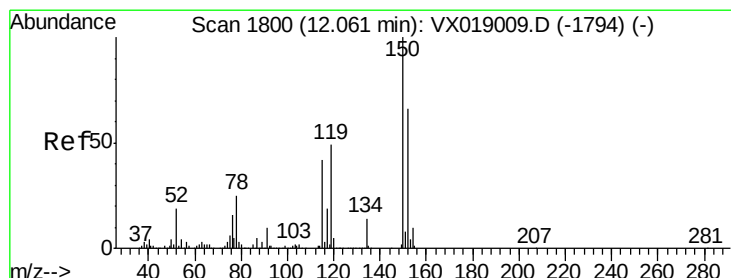
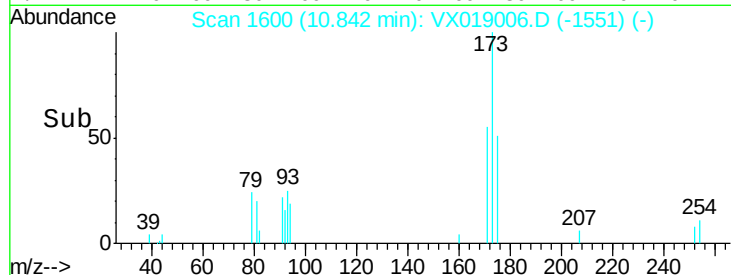
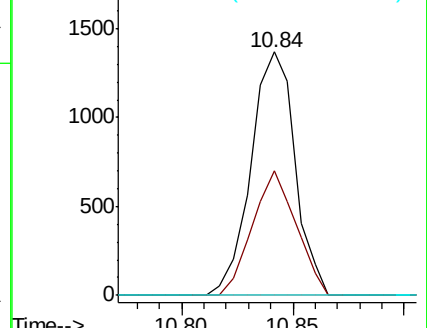
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

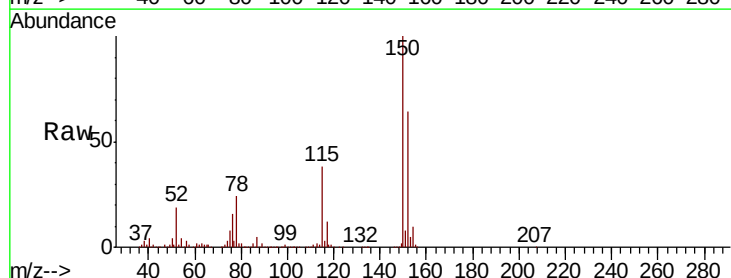
Tgt Ion:152 Resp: 181331

Ion Ratio Lower Upper

152 100

115 58.7 40.8 122.5

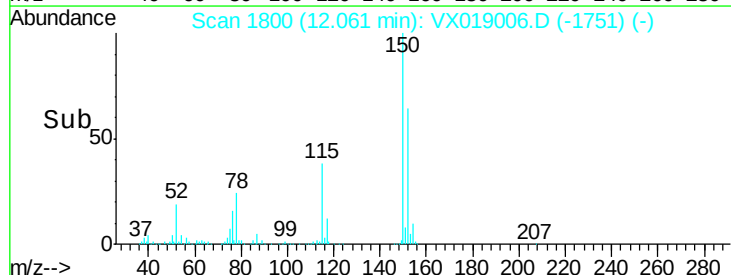
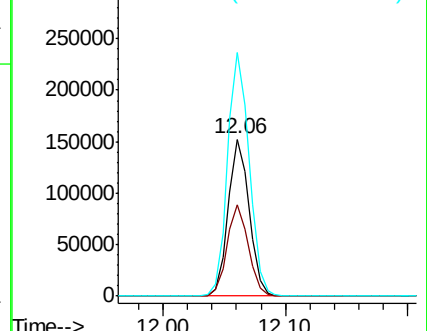
150 159.4 0.0 345.6

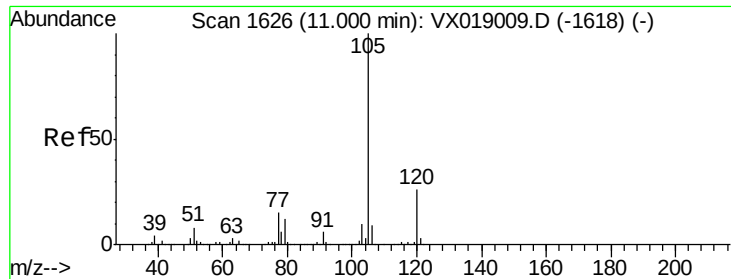


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.907 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

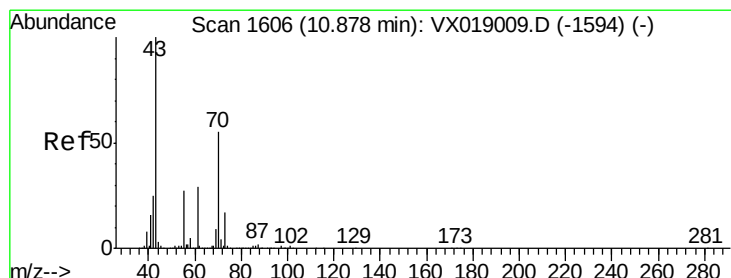
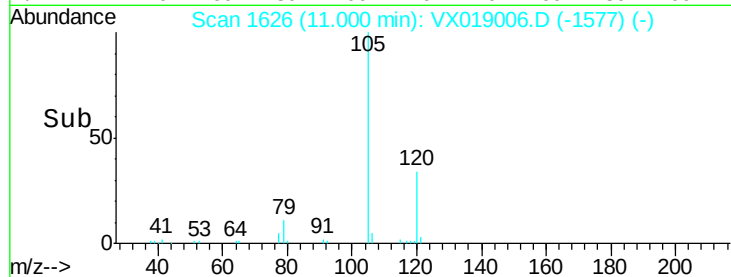
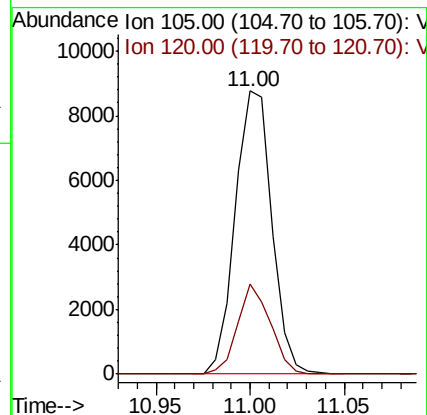
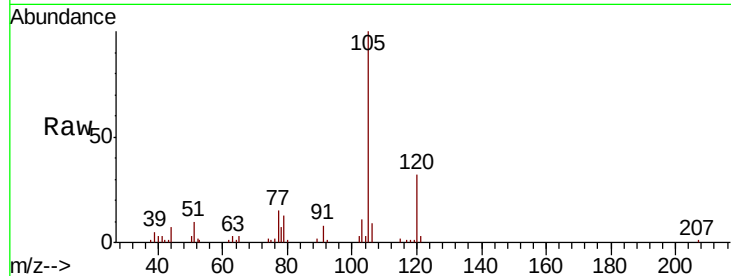
VSTDIC001

Tot Ion:105 Resp: 11828

Ion Ratio Lower Upper

105 100

120 28.6 13.4 40.1



#74

N-ethyl acetate

Concen: 0.934 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Tgt Ion: 43 Resp: 3903

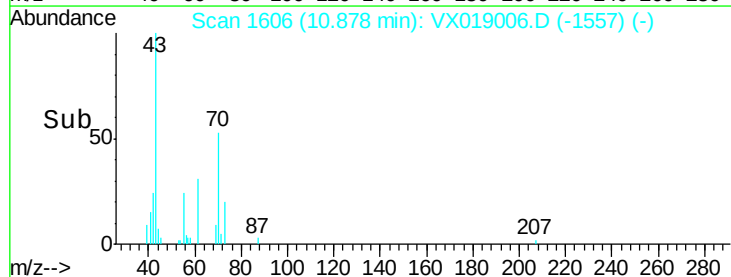
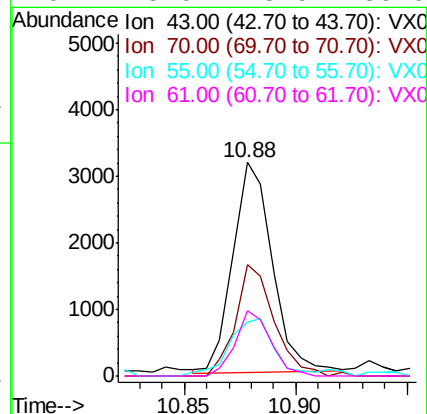
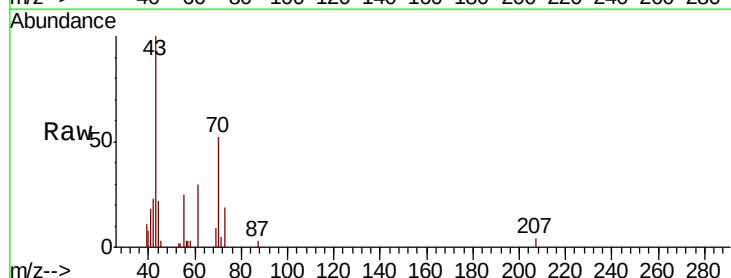
Ion Ratio Lower Upper

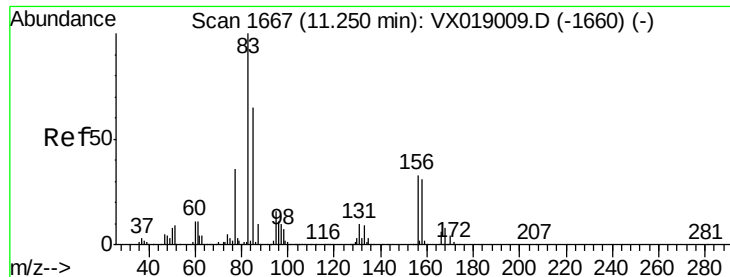
43 100

70 52.1 44.5 66.7

55 32.3 21.9 32.9

61 28.0 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 0.915 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

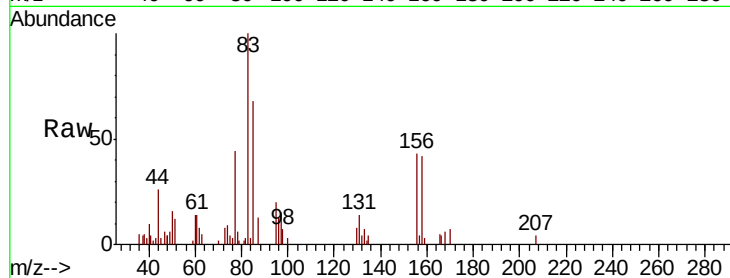
Tot Ion: 83 Resp: 3596

Ion Ratio Lower Upper

83 100

131 12.0 5.1 15.4

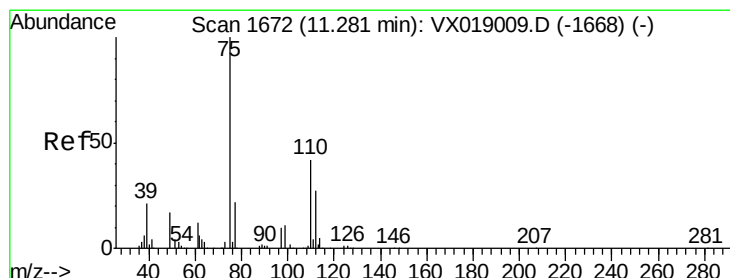
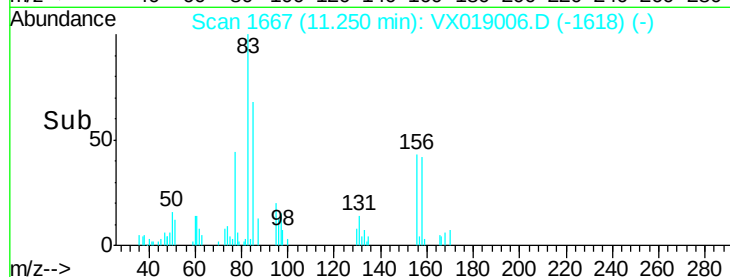
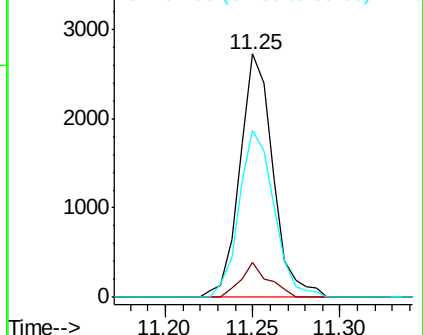
85 71.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.323 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019006.D

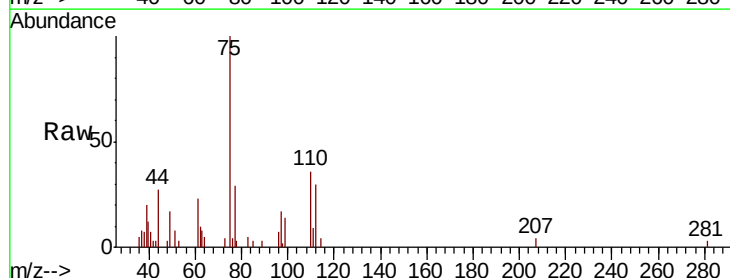
Acq: 21 Oct 2020 18:01

Tgt Ion: 75 Resp: 4795

Ion Ratio Lower Upper

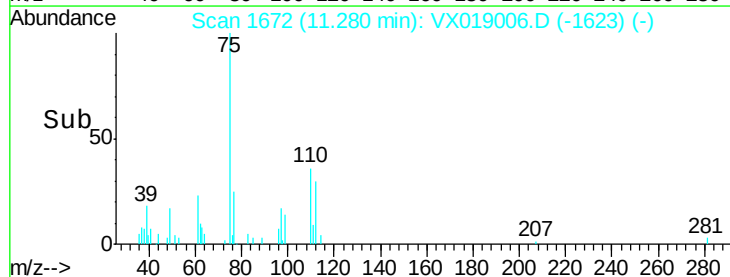
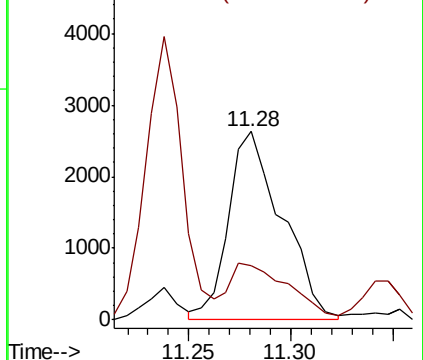
75 100

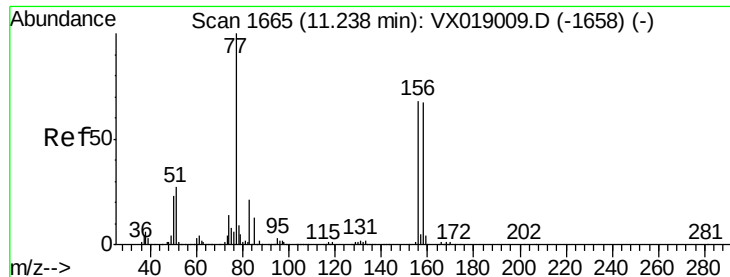
77 33.7 20.7 62.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.981 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

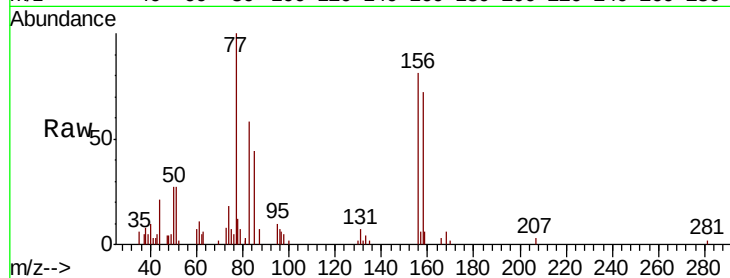
Tot Ion:156 Resp: 3231

Ion Ratio Lower Upper

156 100

77 152.8 74.4 223.1

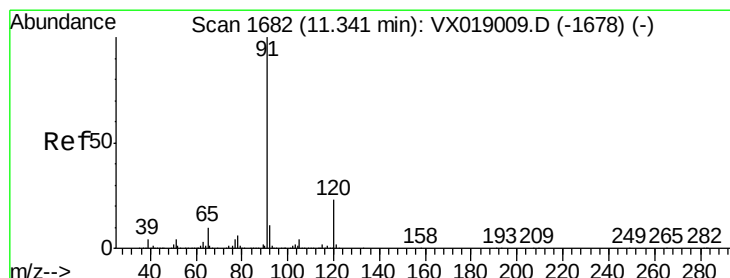
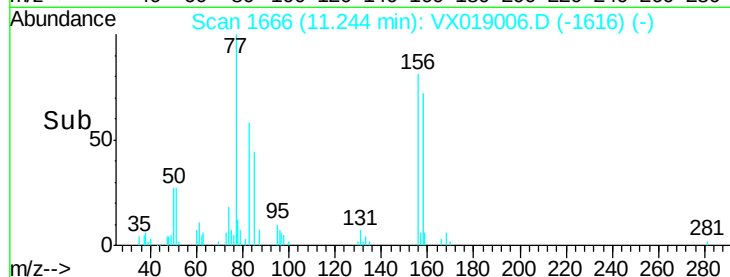
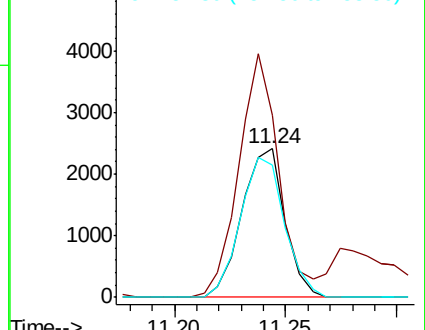
158 97.4 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.975 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019006.D

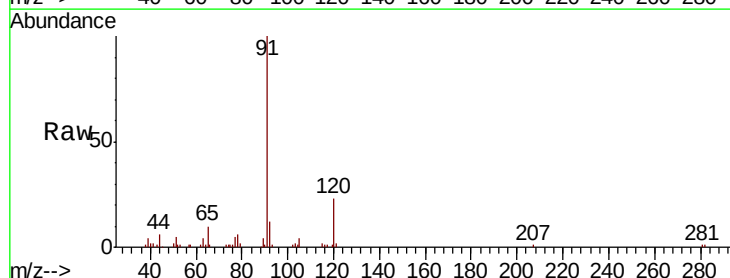
Acq: 21 Oct 2020 18:01

Tgt Ion: 91 Resp: 14407

Ion Ratio Lower Upper

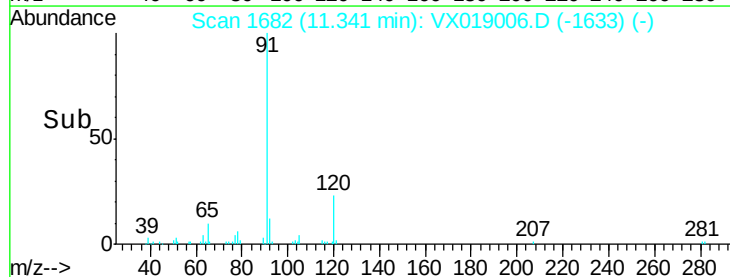
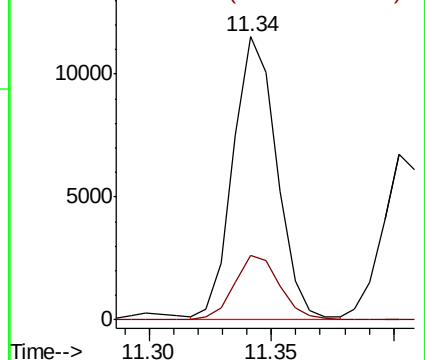
91 100

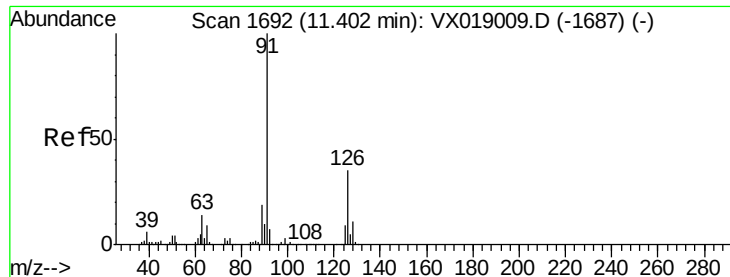
120 23.5 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

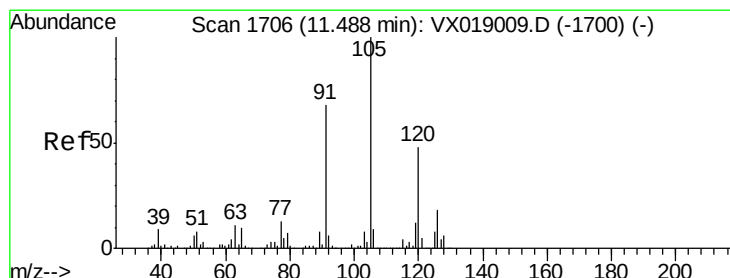
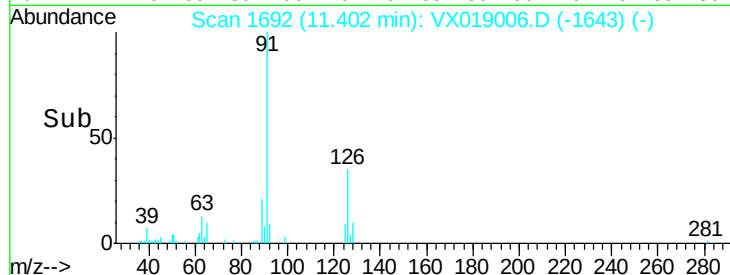
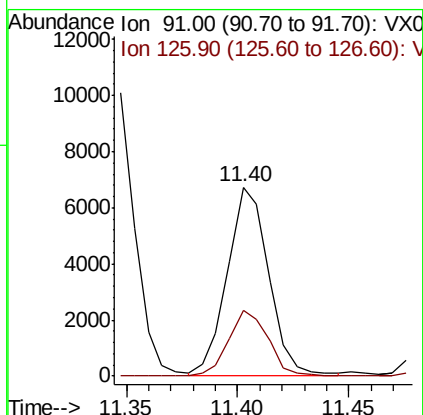
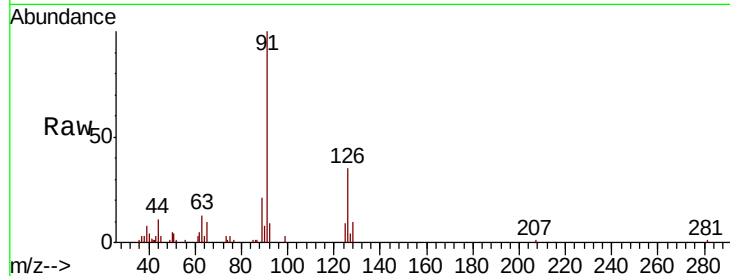




#79
 2-Chlorotoluene
 Concen: 1.019 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

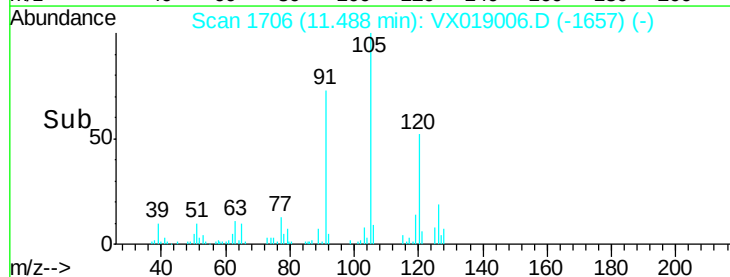
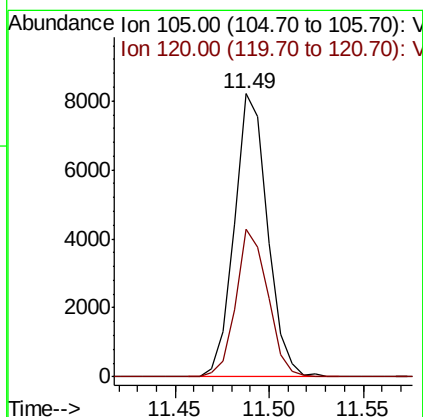
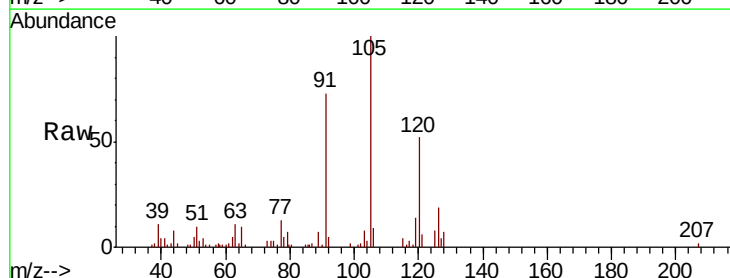
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

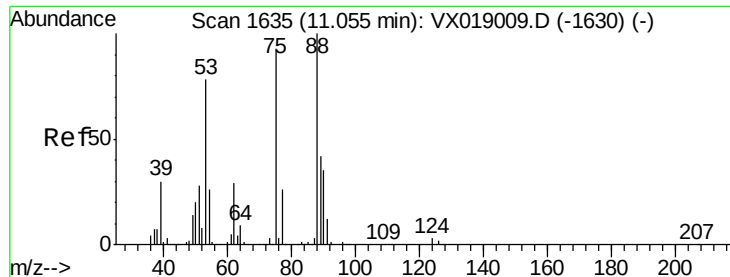
Tot Ion: 91 Resp: 8789
 Ion Ratio Lower Upper
 91 100
 126 32.9 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 0.929 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion: 105 Resp: 10004
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 0.950 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

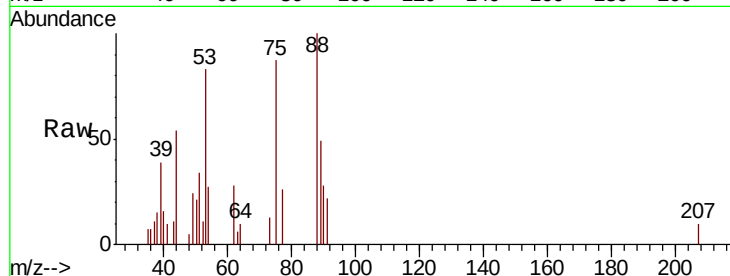
Tot Ion: 75 Resp: 1351

Ion Ratio Lower Upper

75 100

53 98.7 67.4 101.2

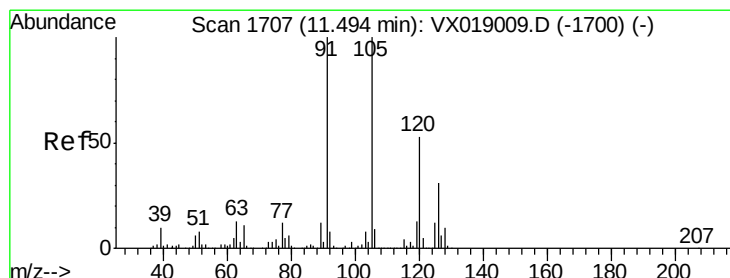
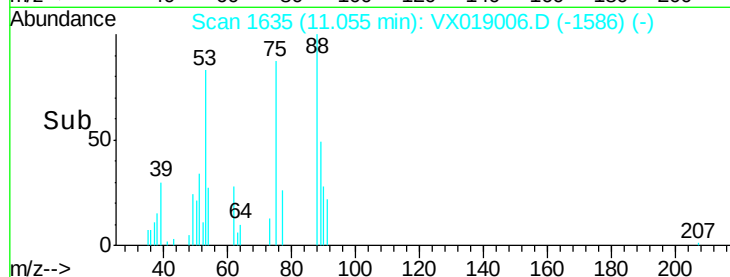
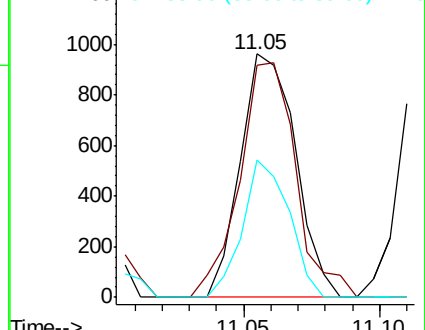
89 47.5 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.020 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019006.D

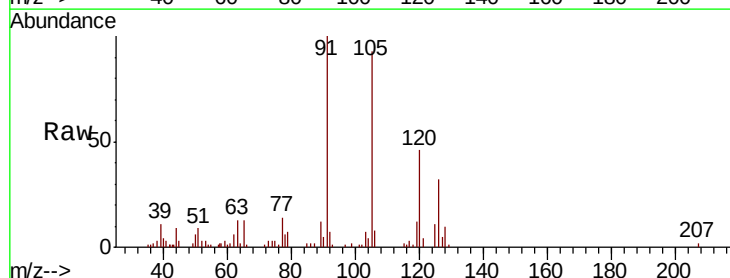
Acq: 21 Oct 2020 18:01

Tgt Ion: 91 Resp: 10463

Ion Ratio Lower Upper

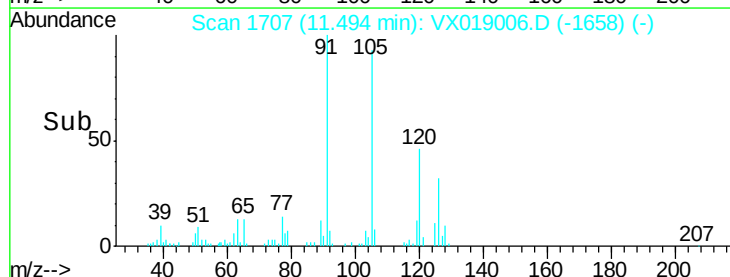
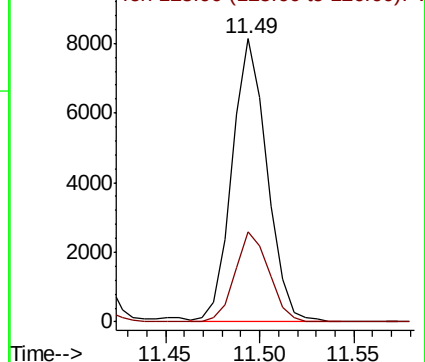
91 100

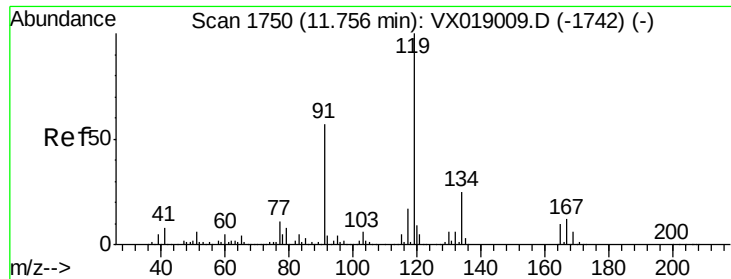
126 30.7 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

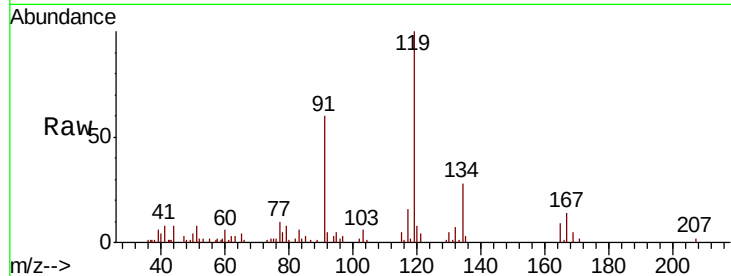




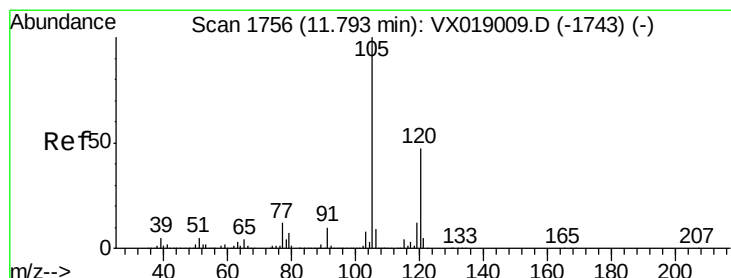
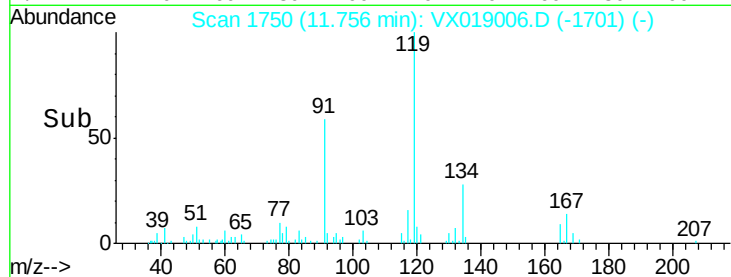
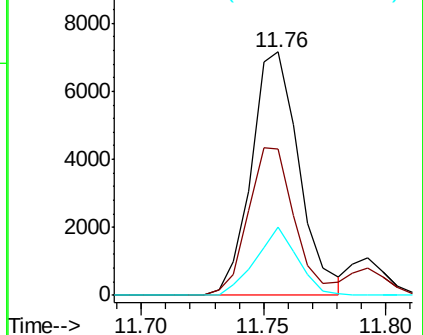
#83
 tert-Butylbenzene
 Concen: 0.920 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:119 Resp: 9764
 Ion Ratio Lower Upper
 119 100
 91 58.1 28.1 84.4
 134 24.7 11.8 35.3

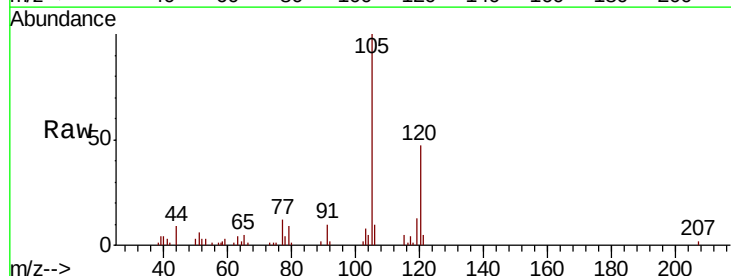


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

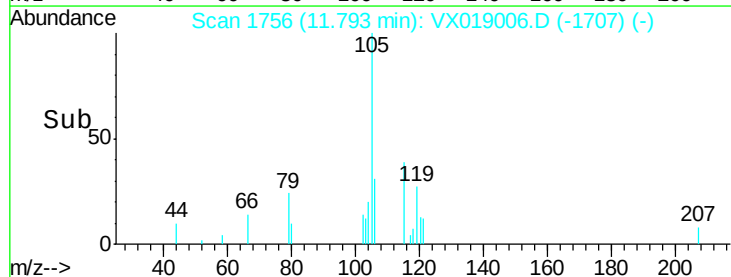
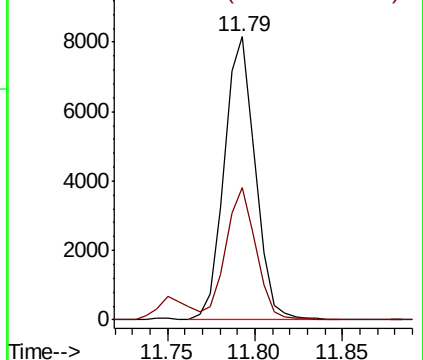


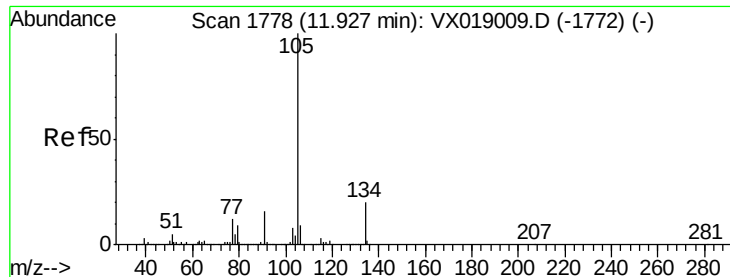
#84
 1,2,4-Trimethylbenzene
 Concen: 0.931 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion:105 Resp: 10044
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 0.931 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

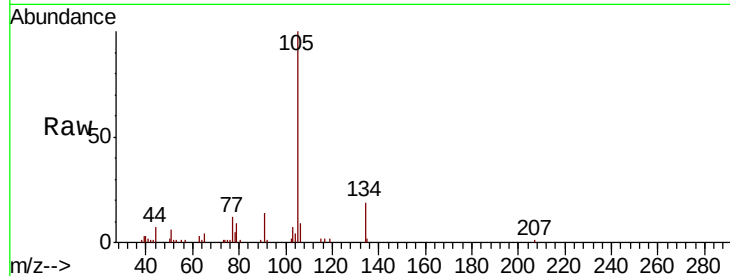
VSTDIC001

Tot Ion:105 Resp: 11955

Ion Ratio Lower Upper

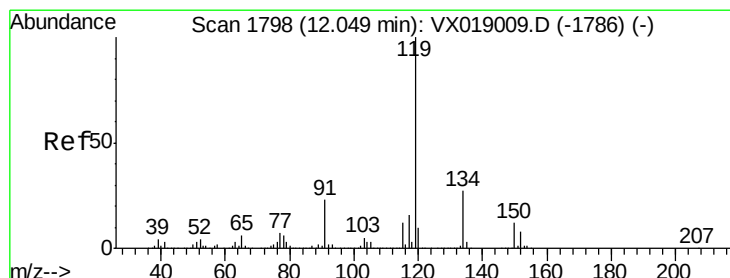
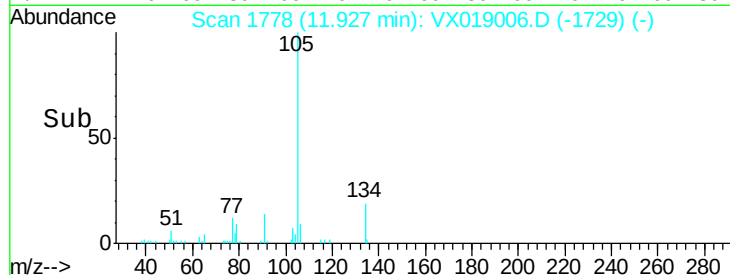
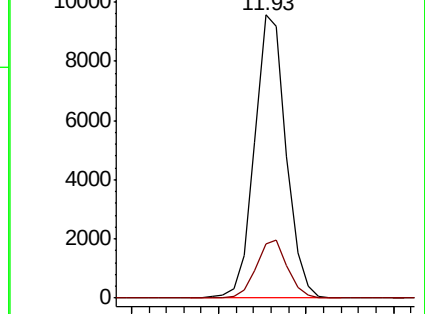
105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.961 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

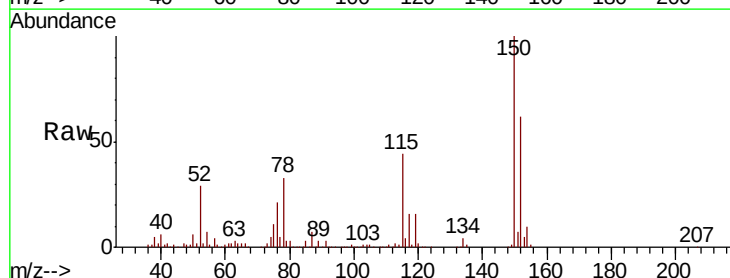
Tgt Ion:119 Resp: 11281

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

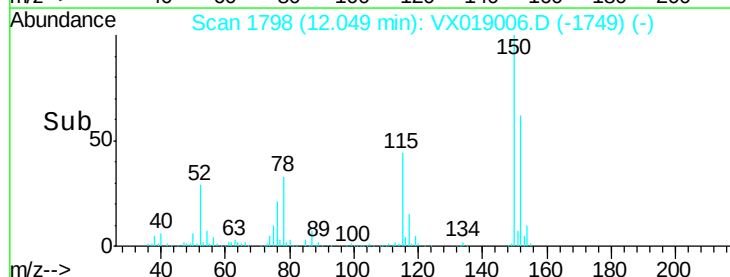
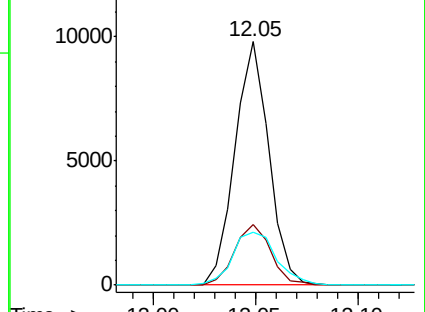
91 28.3 11.4 34.2

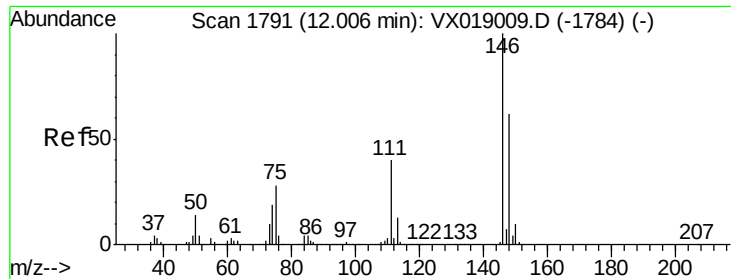


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

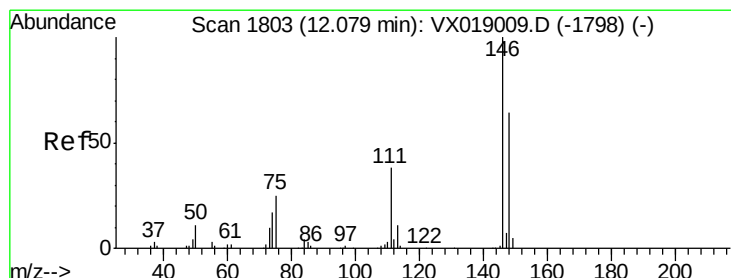
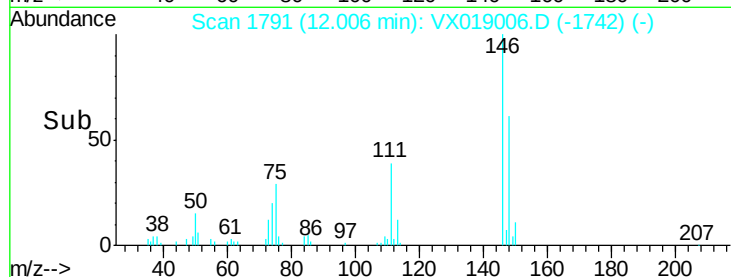
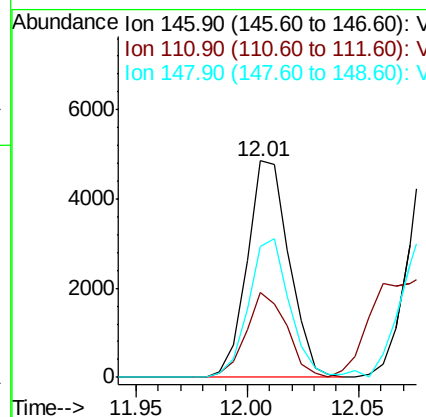
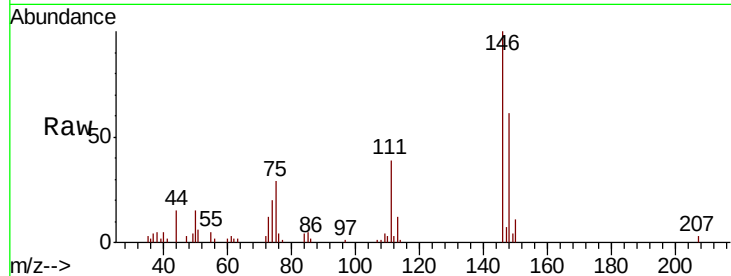




#87
 1,3-Dichlorobenzene
 Concen: 1.060 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

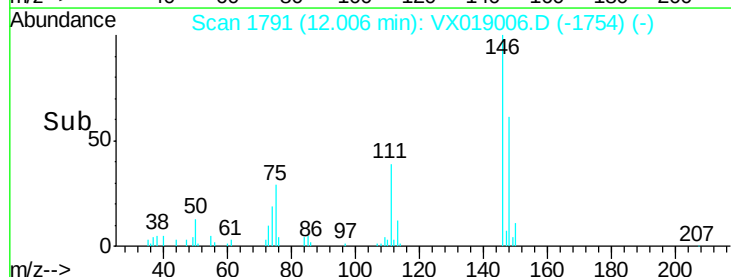
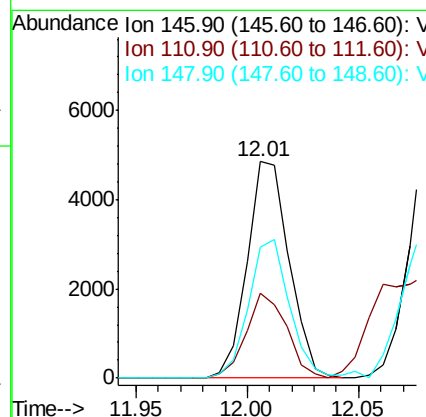
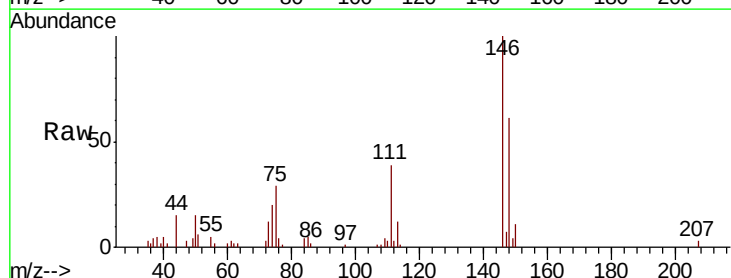
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

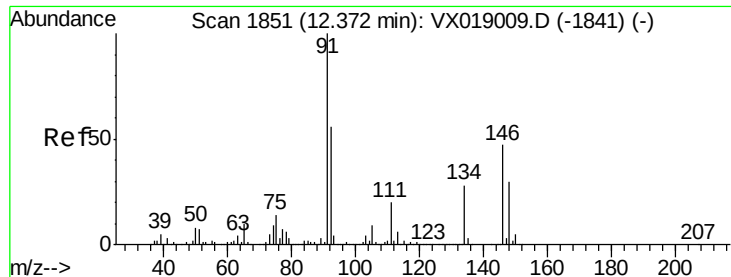
Tot Ion:146 Resp: 6408
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.7 59.1
 148 62.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 1.033 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.07 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion:146 Resp: 6408
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.4 58.2
 148 62.6 32.2 96.6





#89

n-Butylbenzene

Concen: 0.993 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

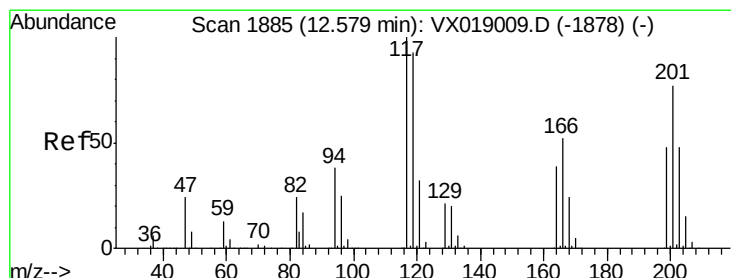
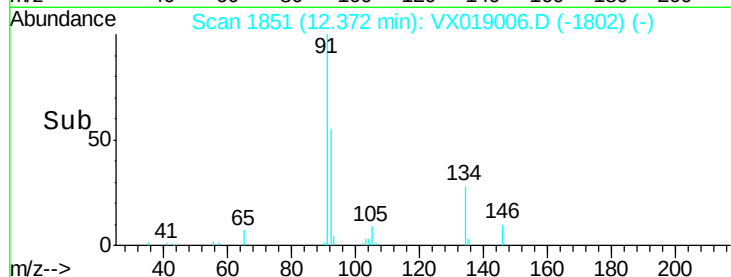
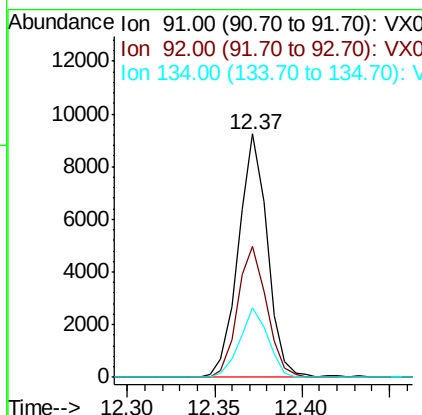
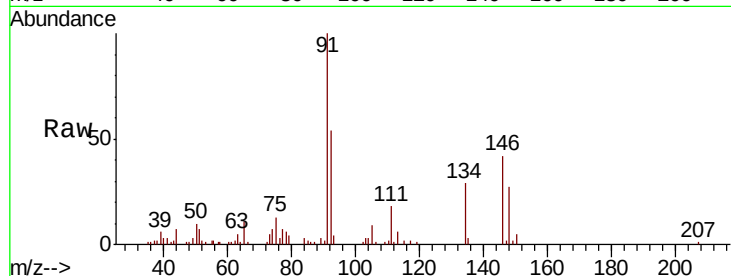
Tot Ion: 91 Resp: 10666

Ion Ratio Lower Upper

91 100

92 53.8 27.3 81.9

134 27.6 13.6 40.7



#90

Hexachloroethane

Concen: 0.793 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX019006.D

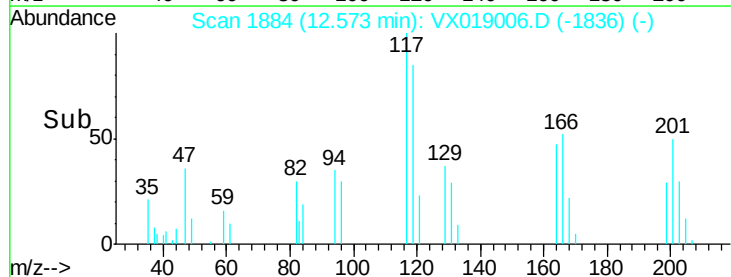
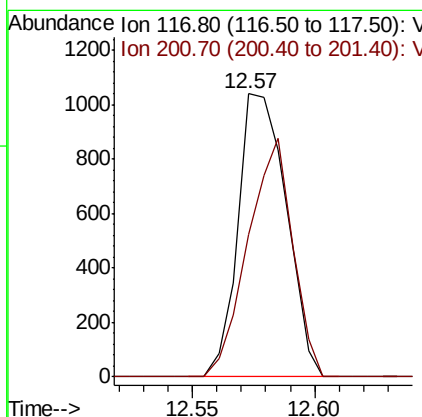
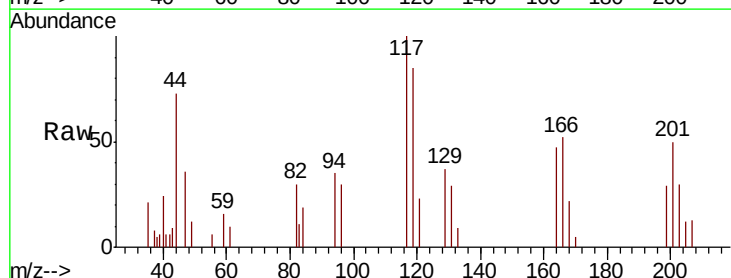
Acq: 21 Oct 2020 18:01

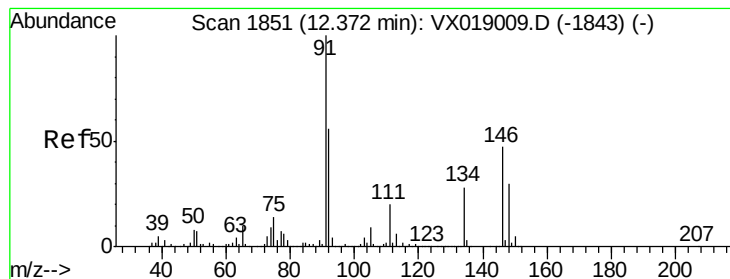
Tgt Ion: 117 Resp: 1424

Ion Ratio Lower Upper

117 100

201 78.1 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 0.956 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

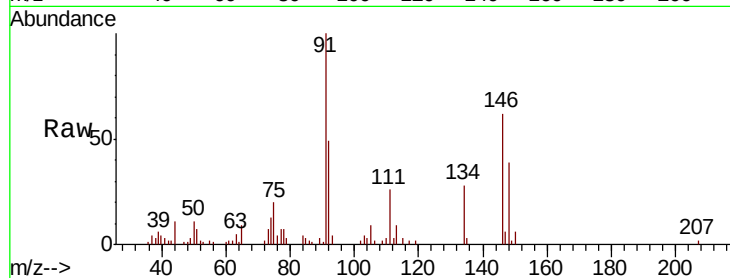
Tot Ion:146 Resp: 5389

Ion Ratio Lower Upper

146 100

111 43.6 19.9 59.7

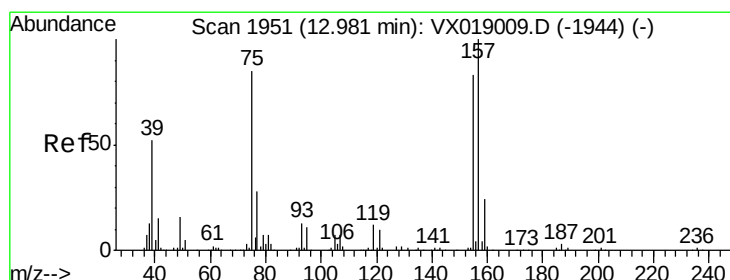
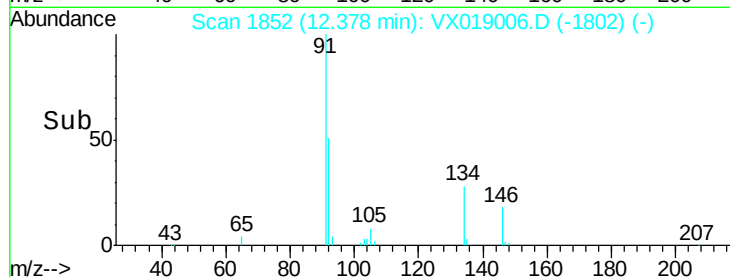
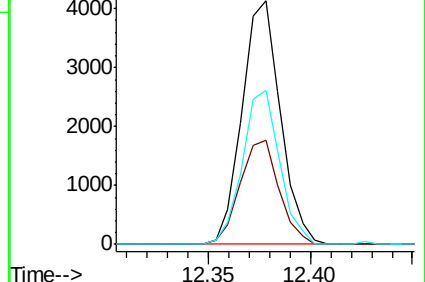
148 61.6 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.991 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

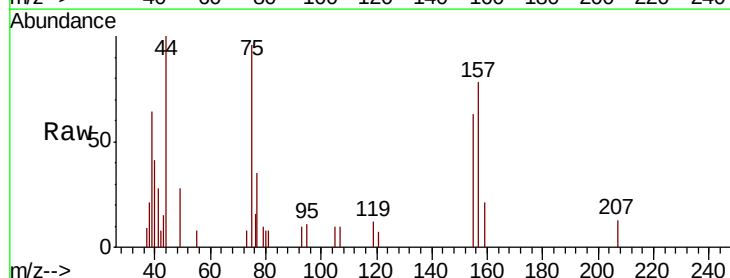
Tgt Ion: 75 Resp: 887

Ion Ratio Lower Upper

75 100

155 79.3 47.3 142.0

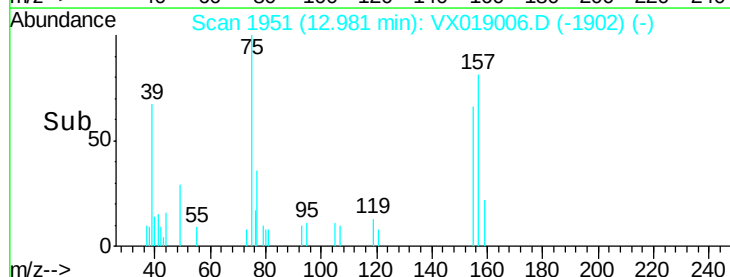
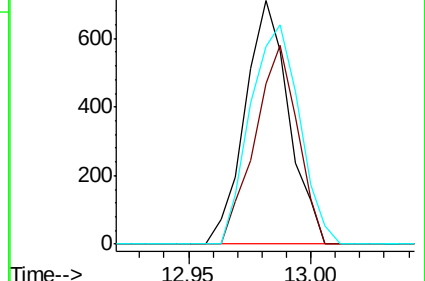
157 100.8 59.7 179.0

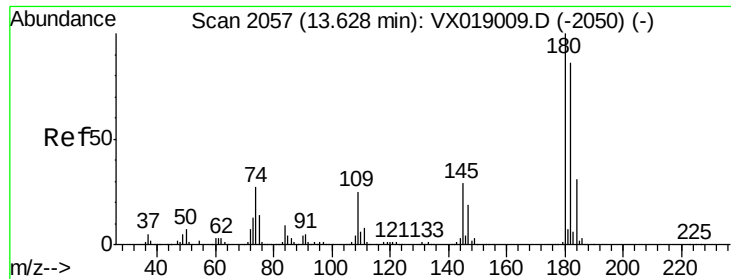


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

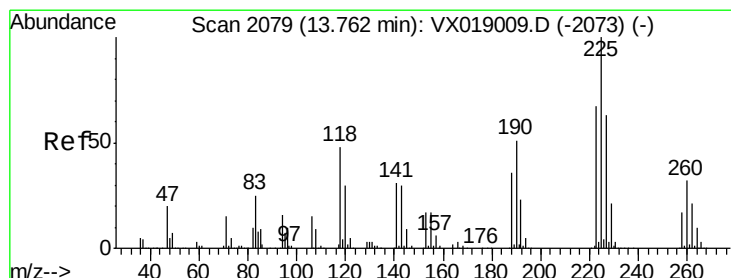
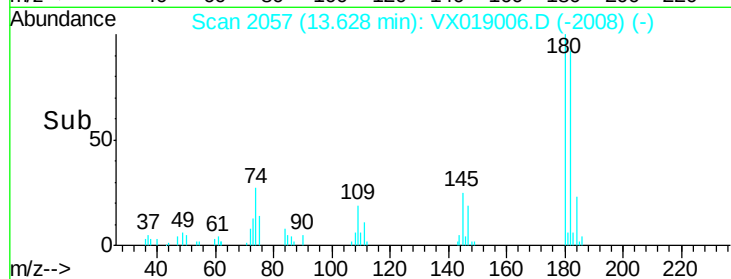
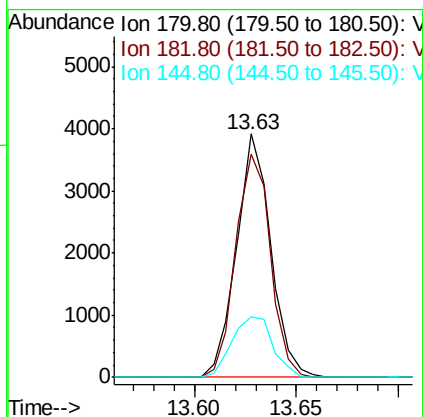
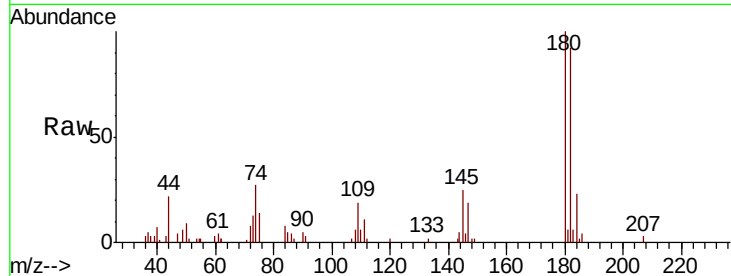




#93
 1,2,4-Trichlorobenzene
 Concen: 1.107 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

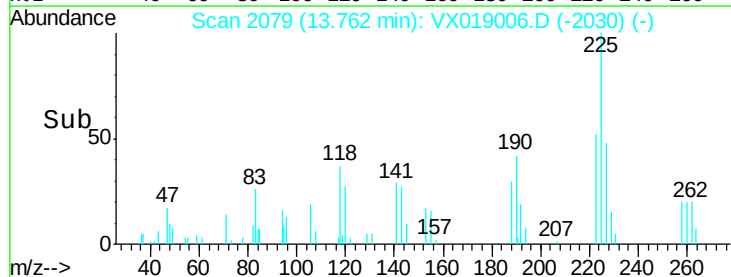
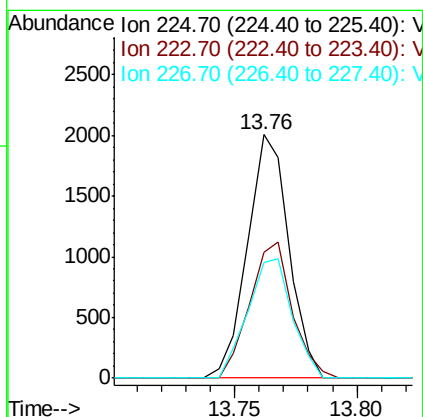
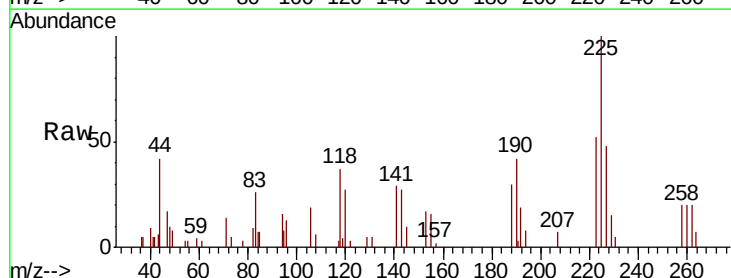
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

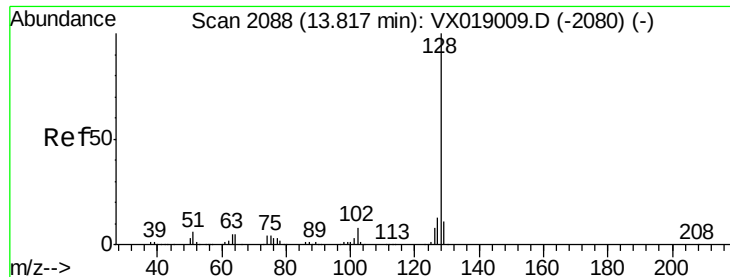
Tot Ion:180 Resp: 4565
 Ion Ratio Lower Upper
 180 100
 182 92.7 46.4 139.2
 145 29.5 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 1.232 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion:225 Resp: 2354
 Ion Ratio Lower Upper
 225 100
 223 57.5 32.5 97.4
 227 52.9 31.9 95.7





#95

Naphthalene

Concen: 0.923 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

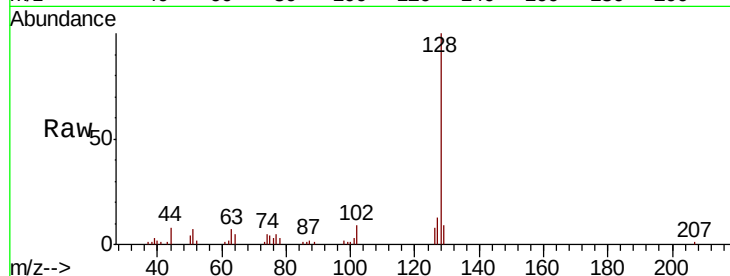
Tot Ion:128 Resp: 11972

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

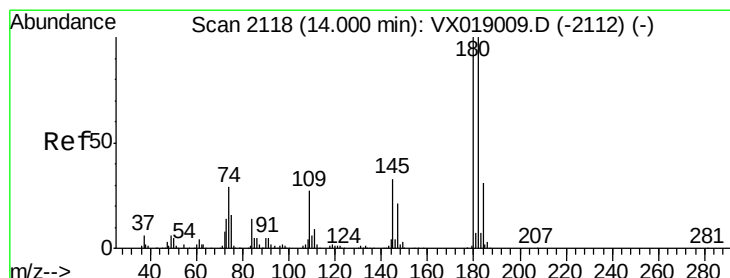
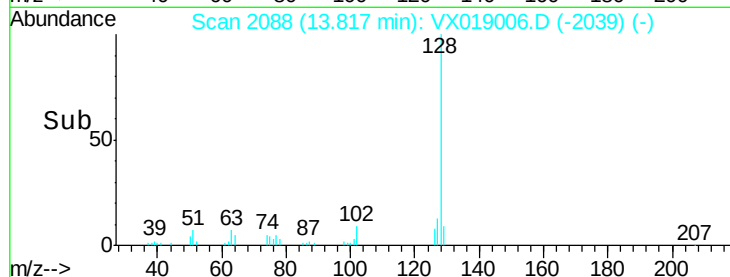
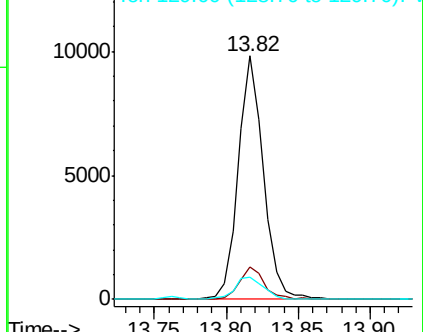
129 10.2 8.7 13.1



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: 1.045 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

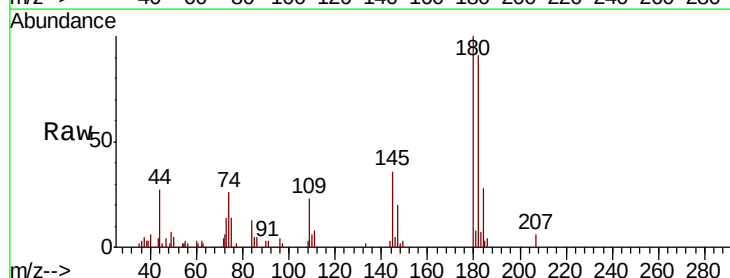
Tgt Ion:180 Resp: 4193

Ion Ratio Lower Upper

180 100

182 93.0 47.3 142.0

145 32.6 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

