

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019132.D
 Acq On : 27 Oct 2020 12:18
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 27 13:19:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	477487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	429271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213309	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	67741	19.29	ug/l	0.00
Spiked Amount			Recovery	=	38.58%	
35) Dibromofluoromethane	5.46	113	53483	18.23	ug/l	0.00
Spiked Amount			Recovery	=	36.46%	
50) Toluene-d8	8.70	98	204390	18.07	ug/l	0.00
Spiked Amount			Recovery	=	36.14%	
62) 4-Bromofluorobenzene	11.12	95	76457	18.95	ug/l	0.00
Spiked Amount			Recovery	=	37.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	46350	19.901	ug/l	97
3) Chloromethane	1.31	50	50494	20.134	ug/l	99
4) Vinyl Chloride	1.39	62	59395	18.954	ug/l	99
5) Bromomethane	1.64	94	46300	23.389	ug/l	98
6) Chloroethane	1.72	64	38823	18.377	ug/l	99
7) Trichlorofluoromethane	1.92	101	95398	17.914	ug/l	100
8) Diethyl Ether	2.17	74	36357	17.324	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52424	19.356	ug/l	99
10) Methyl Iodide	2.49	142	42078	14.062	ug/l	99
11) Tert butyl alcohol	3.02	59	69872	97.158	ug/l	100
12) 1,1-Dichloroethene	2.36	96	52666	19.216	ug/l	97
13) Acrolein	2.28	56	27288	78.217	ug/l	99
14) Allyl chloride	2.71	41	78901	21.653	ug/l	99
15) Acrylonitrile	3.12	53	148237	102.589	ug/l	99
16) Acetone	2.42	43	123633	106.550	ug/l	98
17) Carbon Disulfide	2.55	76	146076	19.236	ug/l	100
18) Methyl Acetate	2.75	43	59766	20.958	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	188077	19.863	ug/l	100
20) Methylene Chloride	2.84	84	59633	18.101	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	59414	18.439	ug/l	99
22) Diisopropyl ether	3.82	45	164760	21.408	ug/l	98
23) Vinyl Acetate	3.78	43	737003	108.786	ug/l	100
24) 1,1-Dichloroethane	3.67	63	101242	20.132	ug/l	100
25) 2-Butanone	4.64	43	198806	107.425	ug/l	98
26) 2,2-Dichloropropane	4.55	77	94628	20.001	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	67687	18.673	ug/l	99
28) Bromochloromethane	4.98	49	43070	19.799	ug/l	99
29) Tetrahydrofuran	5.09	42	127403	108.140	ug/l	99
30) Chloroform	5.17	83	108863	19.534	ug/l	99
31) Cyclohexane	5.55	56	89185	20.031	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	98908	19.894	ug/l	99
36) 1,1-Dichloropropene	5.77	75	83332	19.902	ug/l	99
37) Ethyl Acetate	4.79	43	79542	21.533	ug/l	100
38) Carbon Tetrachloride	5.75	117	84148	19.526	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019132.D
 Acq On : 27 Oct 2020 12:18
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 27 13:19:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	99248	19.333	ug/l	97
40) Benzene	6.11	78	239356	19.502	ug/l	100
41) Methacrylonitrile	5.00	41	41816	21.933	ug/l	98
42) 1,2-Dichloroethane	6.16	62	88125	21.007	ug/l	100
43) Isopropyl Acetate	6.41	43	131566	21.770	ug/l	99
44) Trichloroethene	7.19	130	67384	19.173	ug/l	97
45) 1,2-Dichloropropane	7.49	63	59033	20.451	ug/l	100
46) Dibromomethane	7.63	93	42809	19.685	ug/l	98
47) Bromodichloromethane	7.87	83	85075	20.004	ug/l	100
48) Methyl methacrylate	7.74	41	64746	22.719	ug/l	97
49) 1,4-Dioxane	7.73	88	28719	390.592	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	394518	111.746	ug/l	99
52) Toluene	8.76	92	155652	19.606	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	95219	20.256	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	101139	20.203	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	61782	19.545	ug/l	97
56) Ethyl methacrylate	9.16	69	93863	20.569	ug/l	99
57) 1,3-Dichloropropane	9.35	76	103160	19.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	249166	100.798	ug/l	99
59) 2-Hexanone	9.47	43	300497	111.889	ug/l	100
60) Dibromochloromethane	9.57	129	66371	19.698	ug/l	100
61) 1,2-Dibromoethane	9.65	107	65026	19.387	ug/l	100
64) Tetrachloroethene	9.32	164	62256	19.028	ug/l	98
65) Chlorobenzene	10.12	112	166763	19.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	61115	19.934	ug/l	99
67) Ethyl Benzene	10.23	91	298866	19.922	ug/l	99
68) m/p-Xylenes	10.34	106	225291	39.076	ug/l	99
69) o-Xylene	10.68	106	105372	19.071	ug/l	100
70) Styrene	10.70	104	180220	19.577	ug/l	100
71) Bromoform	10.84	173	46672	19.329	ug/l #	99
73) Isopropylbenzene	11.00	105	292793	20.421	ug/l	100
74) N-amyl acetate	10.88	43	104486	22.475	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	90836	20.284	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	108868	27.310	ug/l	86
77) Bromobenzene	11.24	156	71023	19.780	ug/l	97
78) n-propylbenzene	11.34	91	330269	20.526	ug/l	100
79) 2-Chlorotoluene	11.40	91	195218	20.635	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	246084	20.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	30382	20.143	ug/l	98
82) 4-Chlorotoluene	11.49	91	232928	20.794	ug/l	99
83) tert-Butylbenzene	11.76	119	238680	20.649	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	247105	20.652	ug/l	99
85) sec-Butylbenzene	11.93	105	281423	20.282	ug/l	100
86) p-Isopropyltoluene	12.05	119	262498	20.435	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	128383	19.322	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	132493	19.136	ug/l	99
89) n-Butylbenzene	12.37	91	241219	20.599	ug/l	98
90) Hexachloroethane	12.58	117	42904	19.964	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	126351	19.418	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21345	21.583	ug/l	99

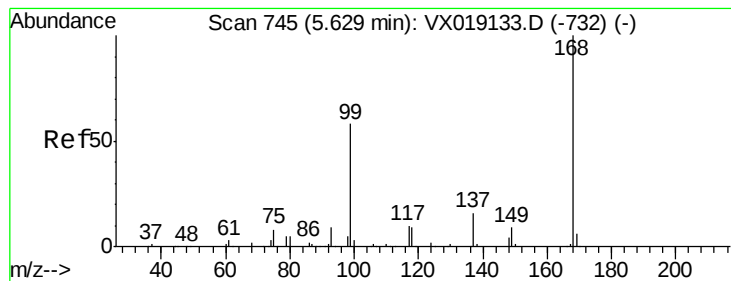
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
Data File : VX019132.D
Acq On : 27 Oct 2020 12:18
Operator : JC/SP
Sample : VSTDICC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Oct 27 13:19:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:11:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	88300	19.468	ug/l	99
94) Hexachlorobutadiene	13.76	225	38759	19.234	ug/l	97
95) Naphthalene	13.82	128	288387	20.190	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	85449	19.202	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

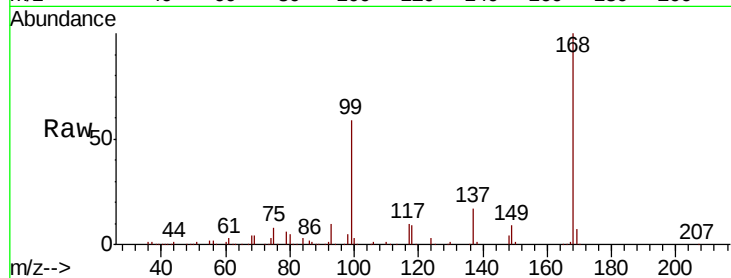
VSTDIC020

Tot Ion:168 Resp: 293262

Ion Ratio Lower Upper

168 100

99 58.4 46.6 69.8

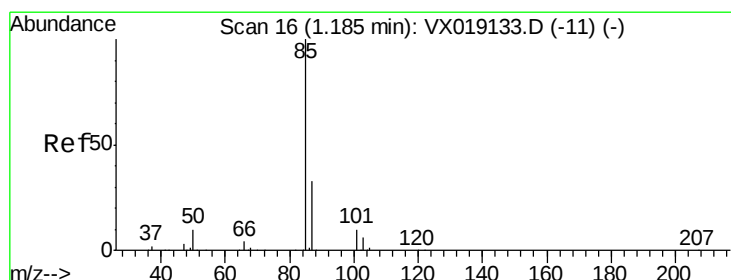
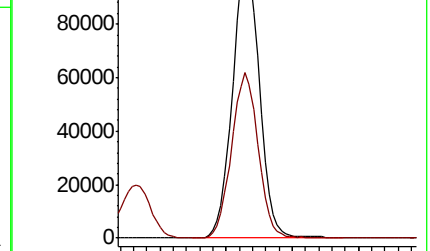
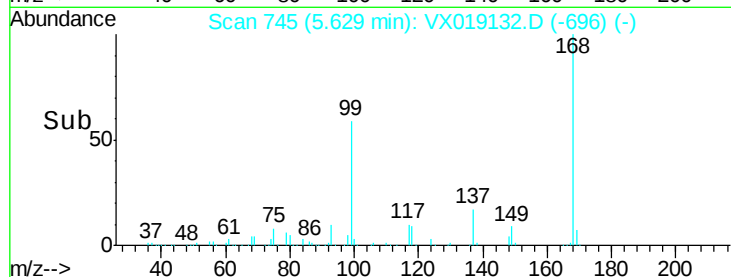


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

Time-->



#2

Dichlorodifluoromethane

Concen: 19.901 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019132.D

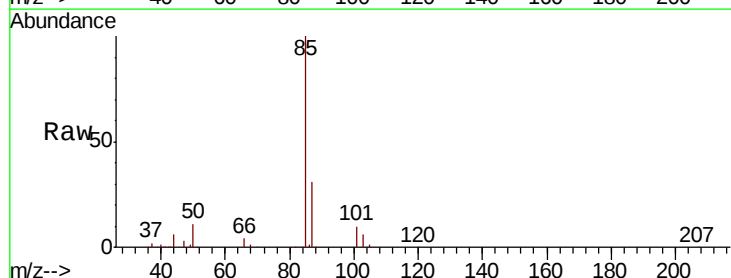
Acq: 27 Oct 2020 12:18

Tgt Ion: 85 Resp: 46350

Ion Ratio Lower Upper

85 100

87 31.3 16.6 49.7

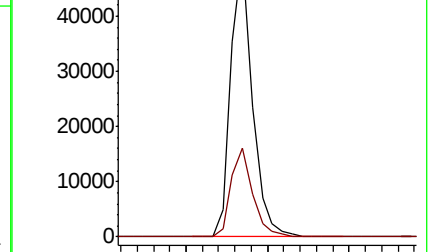
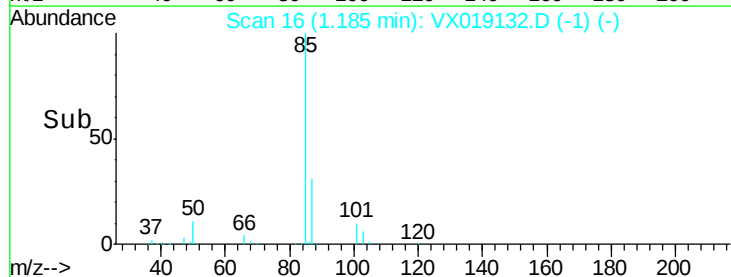


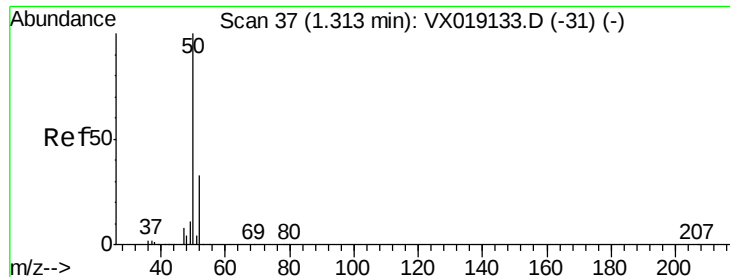
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

Time-->





#3

Chloromethane

Concen: 20.134 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

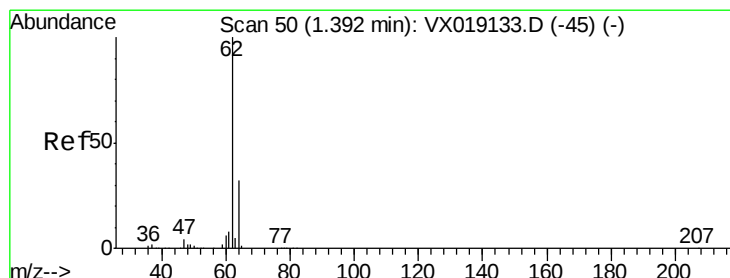
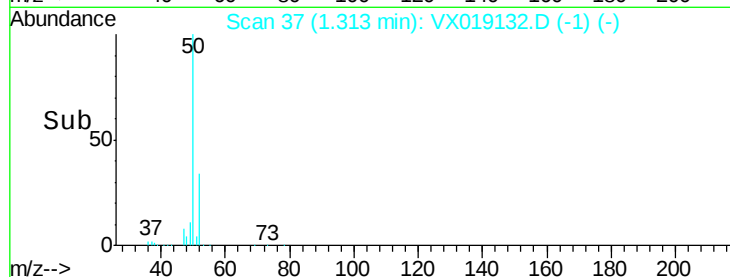
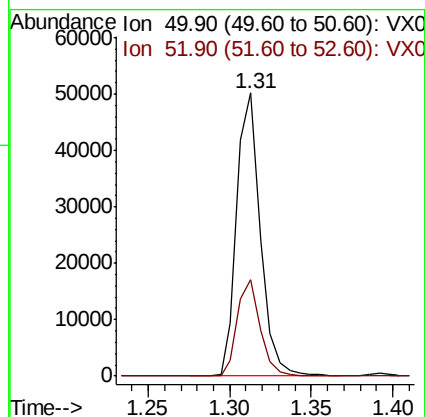
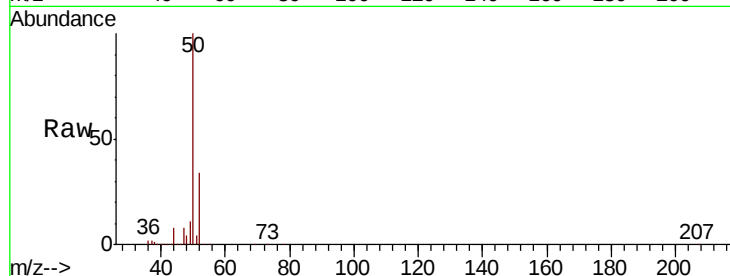
VSTDIC020

Tot Ion: 50 Resp: 50494

Ion Ratio Lower Upper

50 100

52 34.3 26.8 40.2



#4

Vinyl Chloride

Concen: 18.954 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019132.D

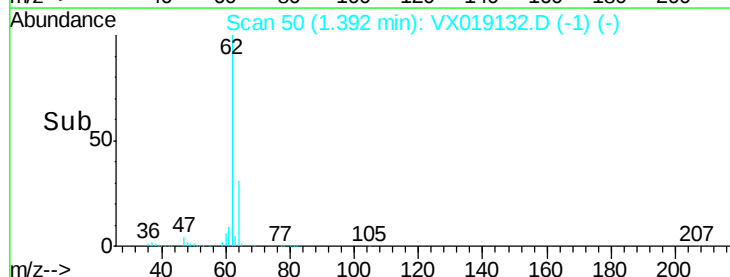
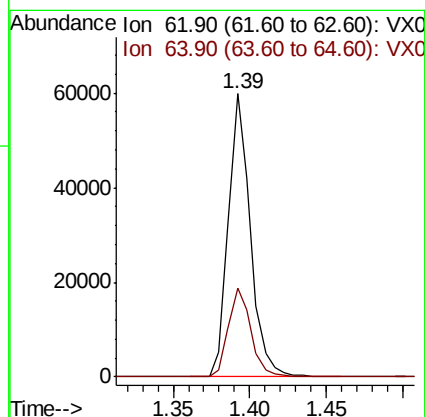
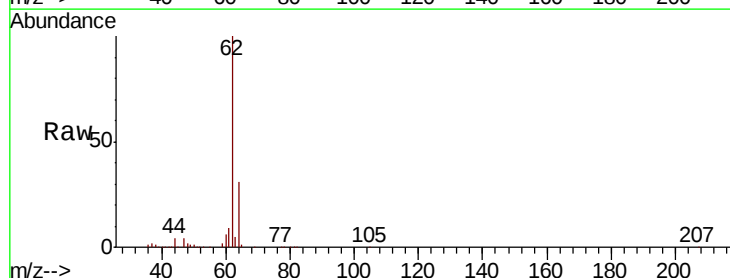
Acq: 27 Oct 2020 12:18

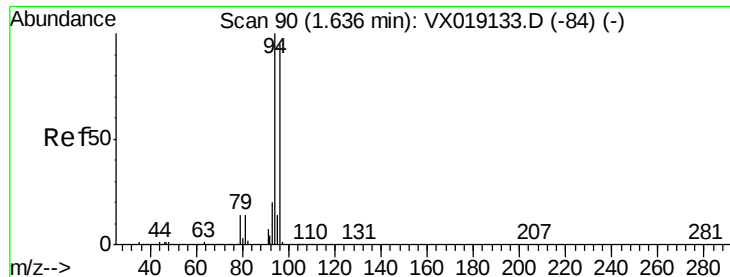
Tgt Ion: 62 Resp: 59395

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 23.389 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

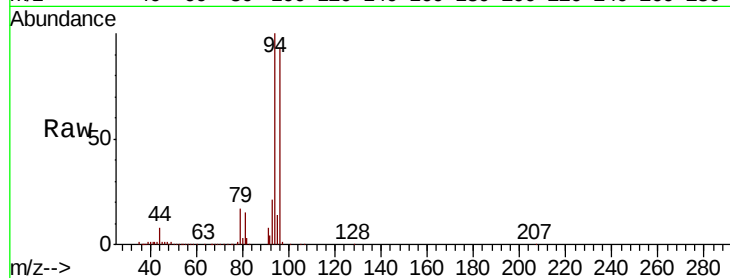
VSTDIC020

Tot Ion: 94 Resp: 46300

Ion Ratio Lower Upper

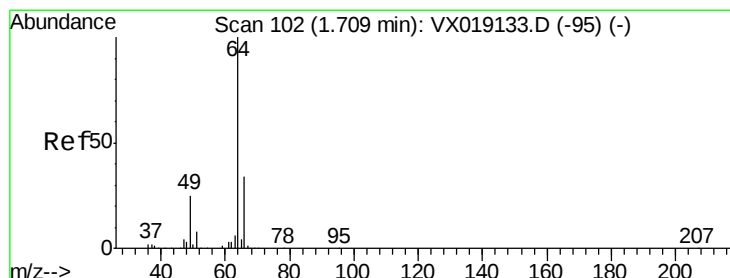
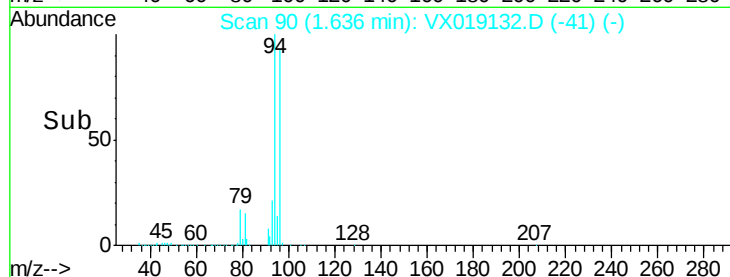
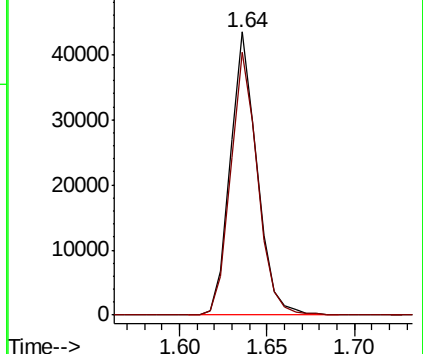
94 100

96 92.6 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.377 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019132.D

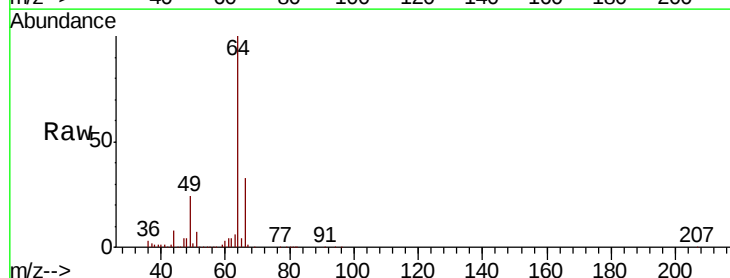
Acq: 27 Oct 2020 12:18

Tgt Ion: 64 Resp: 38823

Ion Ratio Lower Upper

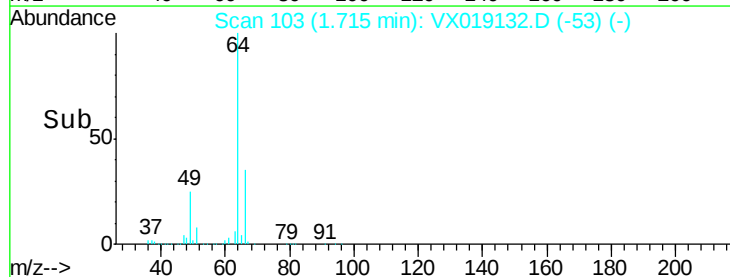
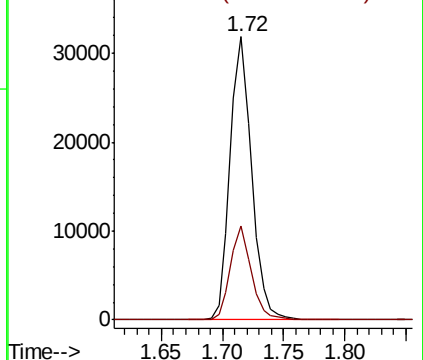
64 100

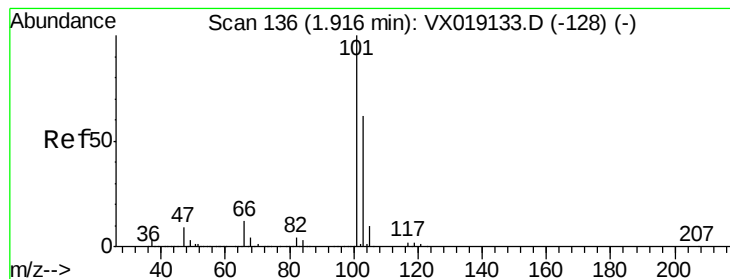
66 33.3 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



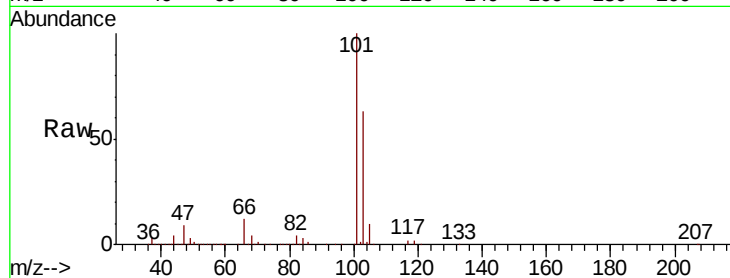


#7

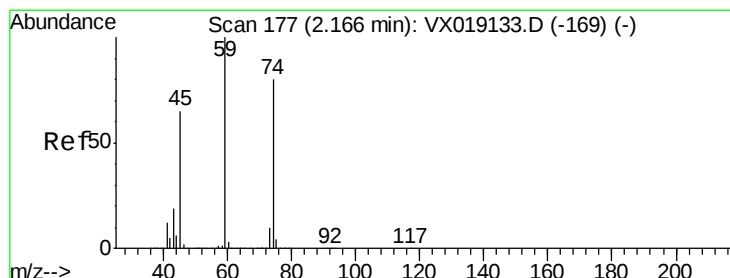
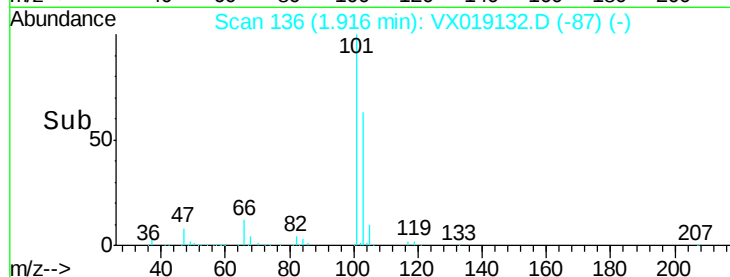
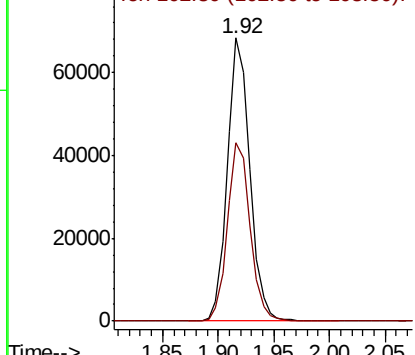
Trichlorofluoromethane
 Concen: 17.914 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:101 Resp: 95398
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.0 75.0



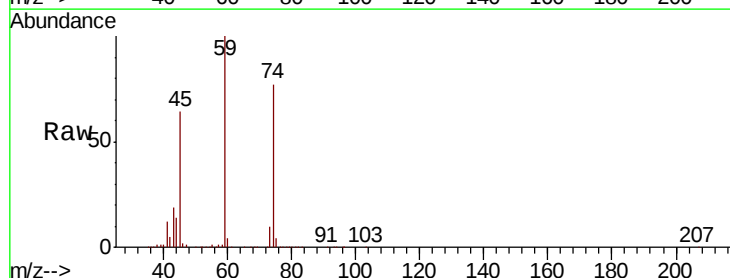
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



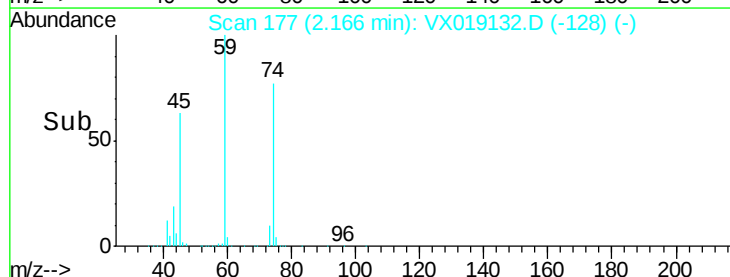
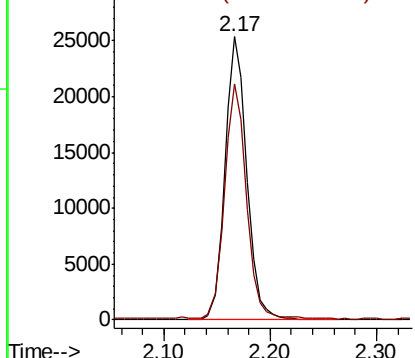
#8

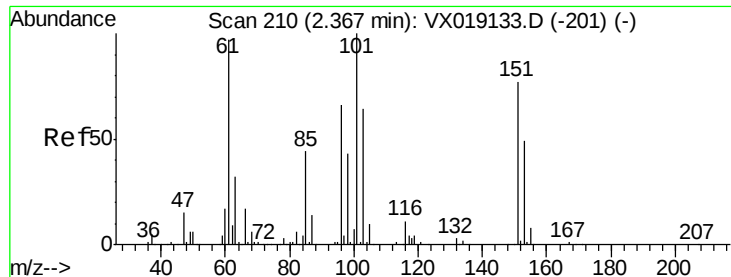
Diethyl Ether
 Concen: 17.324 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion: 74 Resp: 36357
 Ion Ratio Lower Upper
 74 100
 45 82.1 41.0 123.0



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.356 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

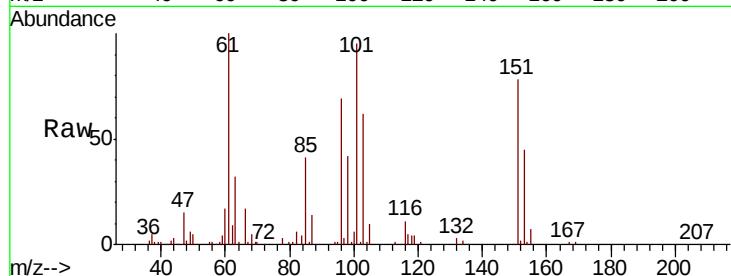
Tot Ion:101 Resp: 52424

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.4

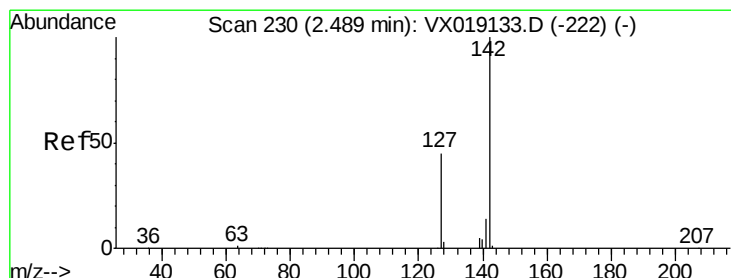
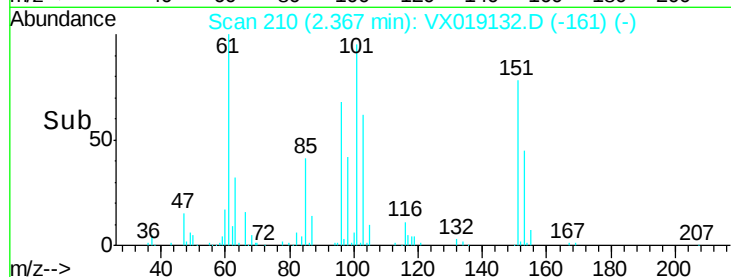
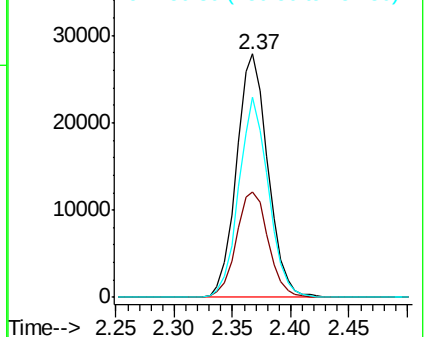
151 78.1 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.062 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

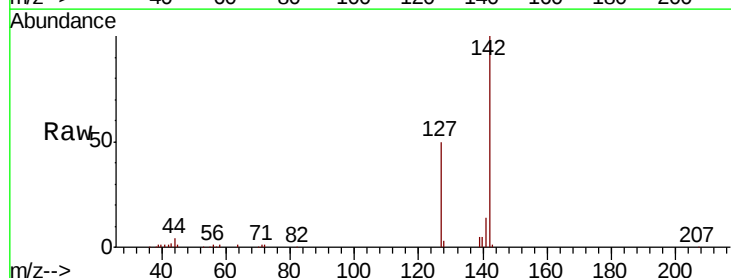
Tgt Ion:142 Resp: 42078

Ion Ratio Lower Upper

142 100

127 45.8 36.1 54.1

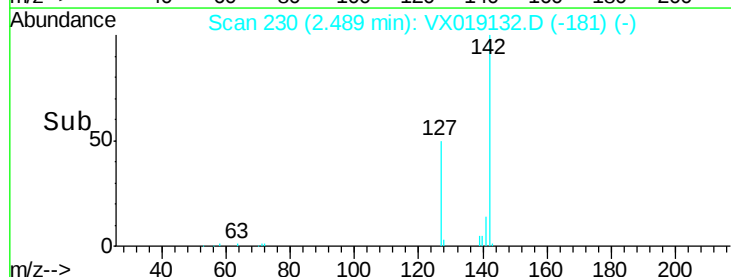
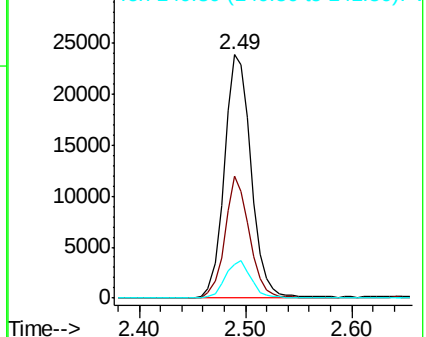
141 14.6 11.3 16.9

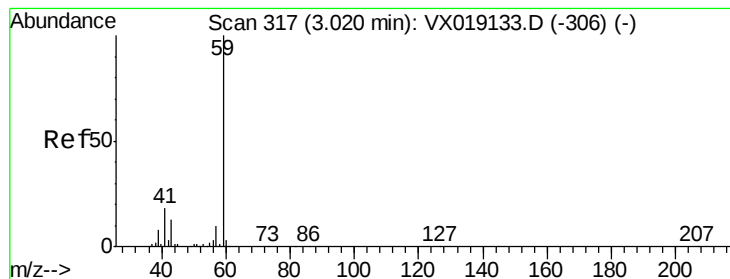


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.158 ug/l

RT: 3.02 min Scan# 317

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

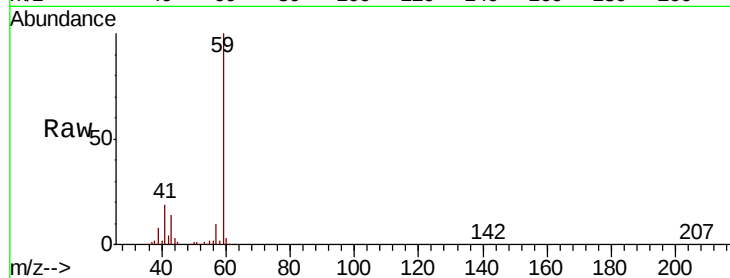
VSTDIC020

Tot Ion: 59 Resp: 69872

Ion Ratio Lower Upper

59 100

57 10.4 8.4 12.6

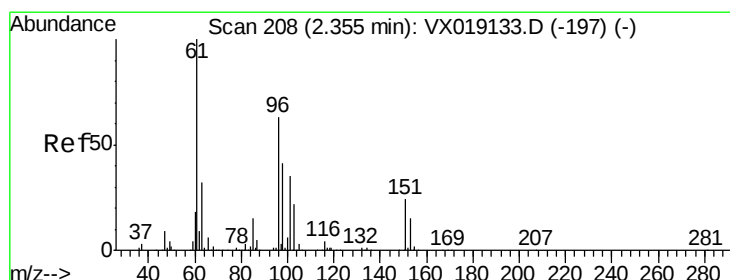
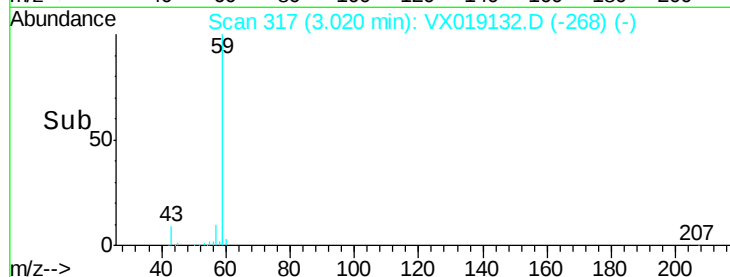


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

Time--> 2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 19.216 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

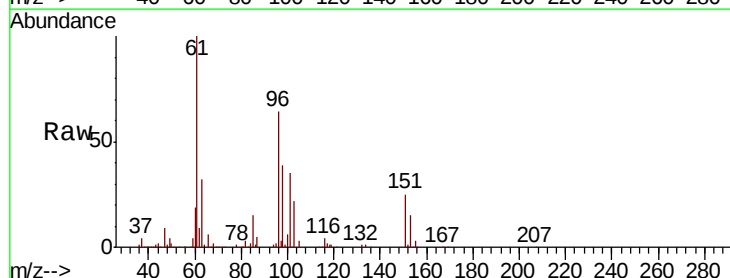
Tgt Ion: 96 Resp: 52666

Ion Ratio Lower Upper

96 100

61 157.2 127.7 191.5

98 61.6 52.1 78.1



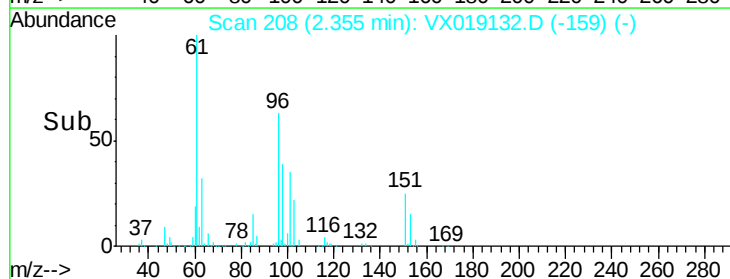
Abundance Ion 95.90 (95.60 to 96.60): VX0

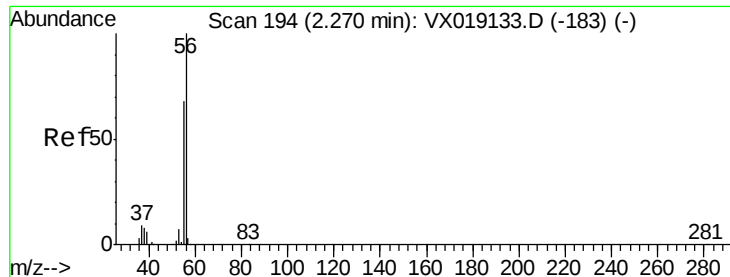
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.36

Time--> 2.30 2.40 2.50





#13

Acrolein

Concen: 78.217 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

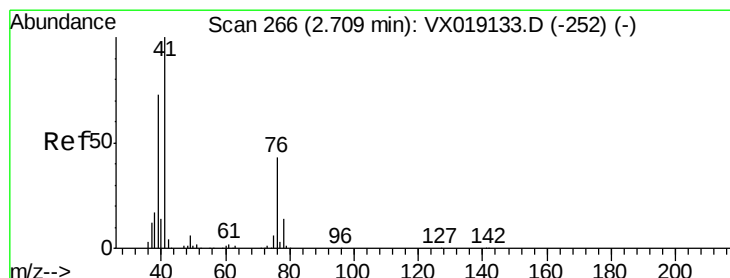
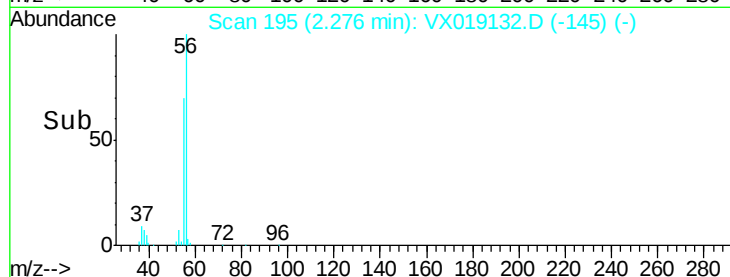
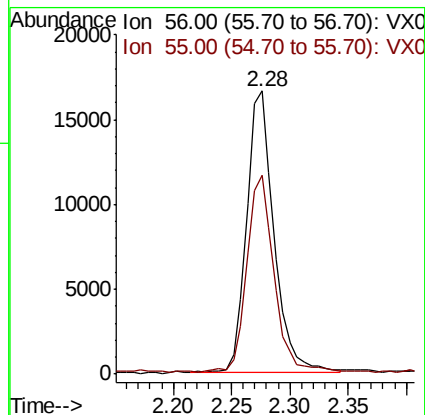
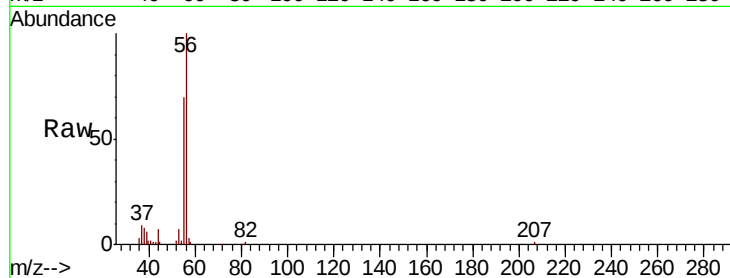
VSTDIC020

Tot Ion: 56 Resp: 27288

Ion Ratio Lower Upper

56 100

55 69.2 54.7 82.1



#14

Allyl chloride

Concen: 21.653 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

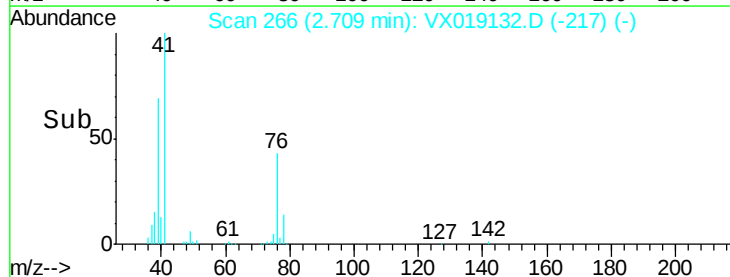
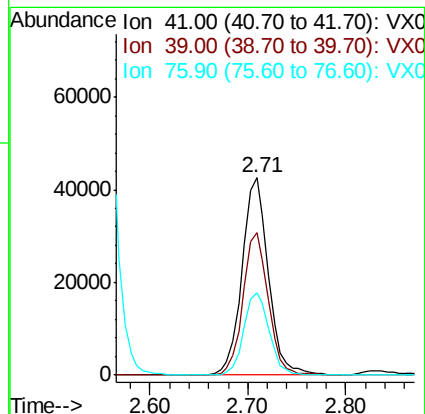
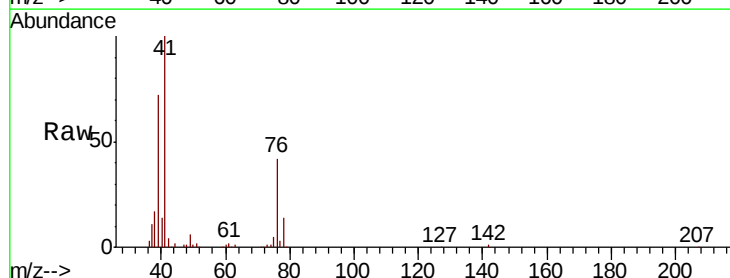
Tgt Ion: 41 Resp: 78901

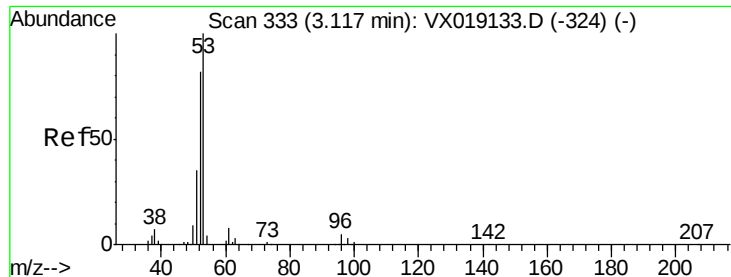
Ion Ratio Lower Upper

41 100

39 69.3 55.2 82.8

76 40.6 31.5 47.3

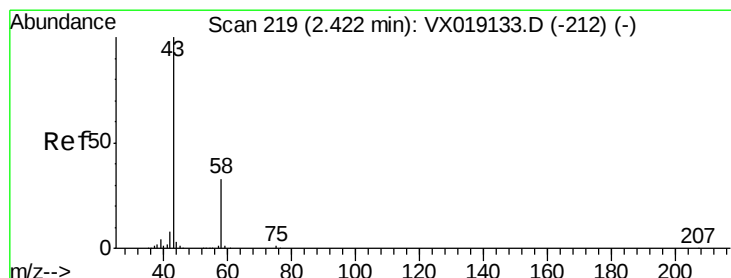
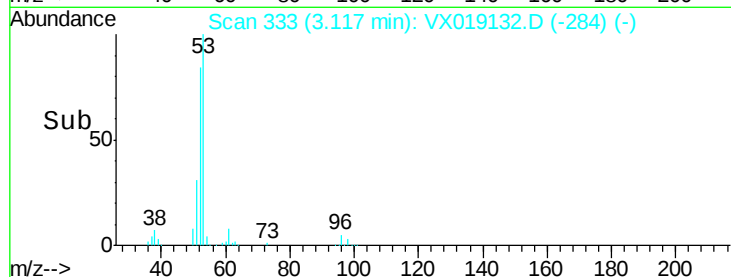
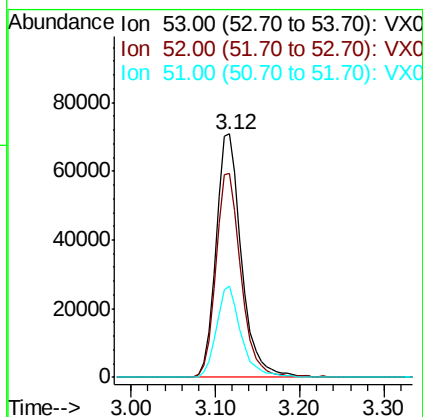
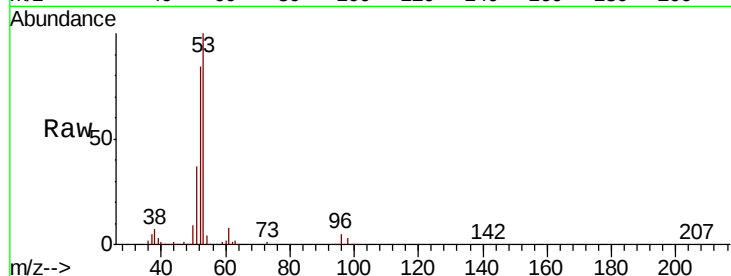




#15
 Acrylonitrile
 Concen: 102.589 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

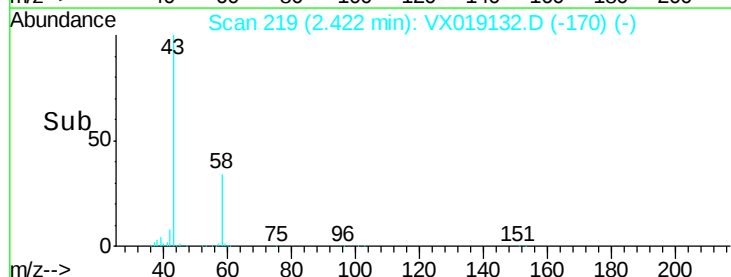
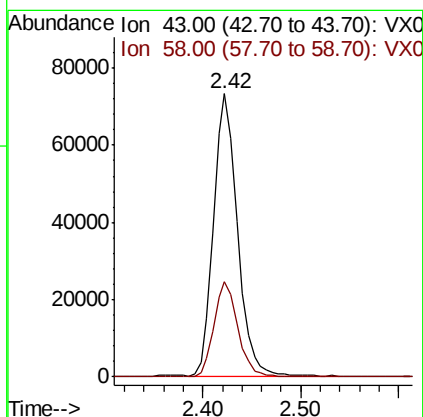
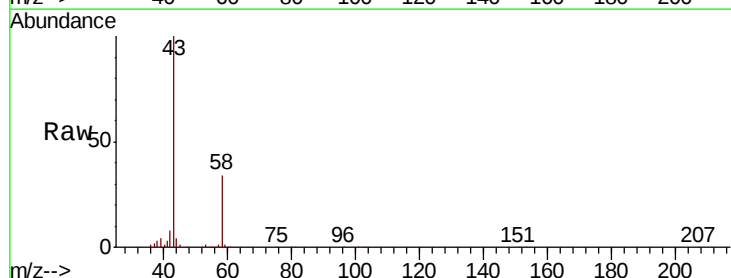
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

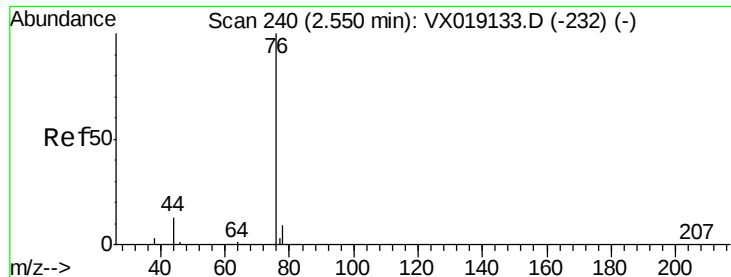
Tot Ion: 53 Resp: 148237
 Ion Ratio Lower Upper
 53 100
 52 82.6 65.7 98.5
 51 36.3 28.4 42.6



#16
 Acetone
 Concen: 106.550 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion: 43 Resp: 123633
 Ion Ratio Lower Upper
 43 100
 58 33.8 26.3 39.5

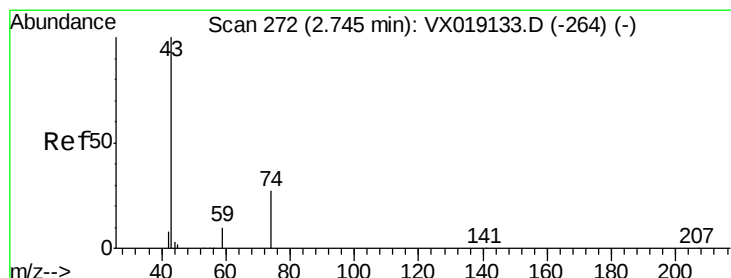
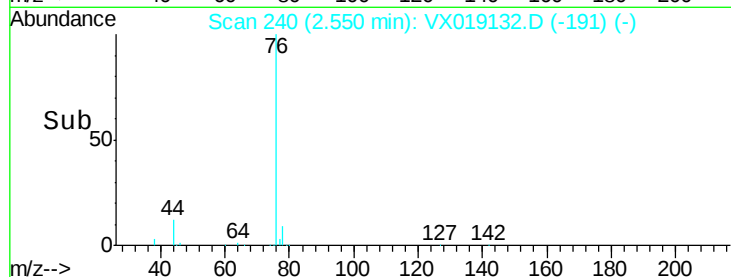
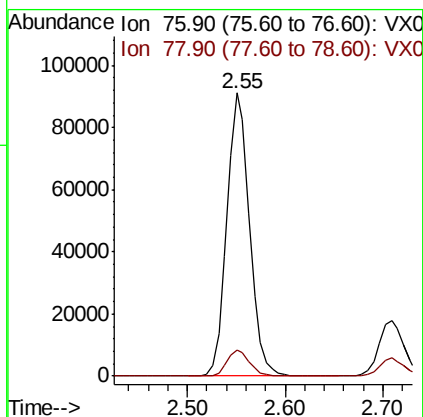
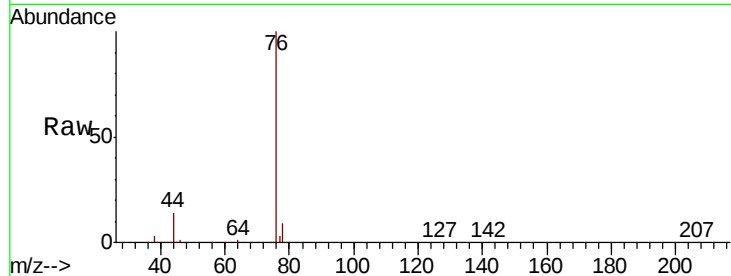




#17
Carbon Disulfide
Concen: 19.236 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

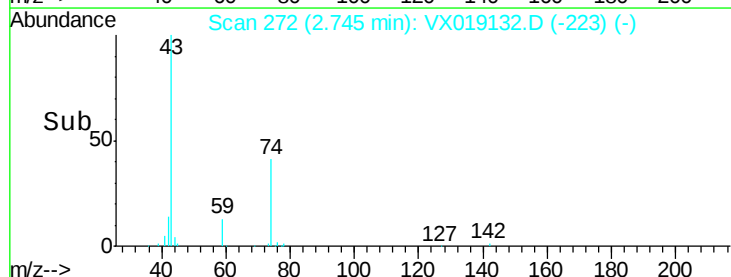
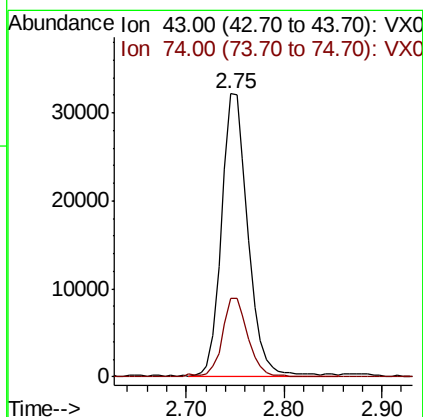
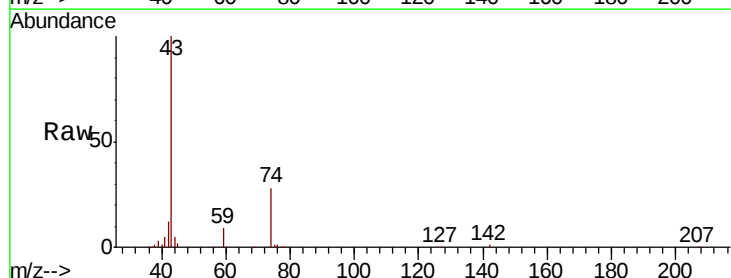
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

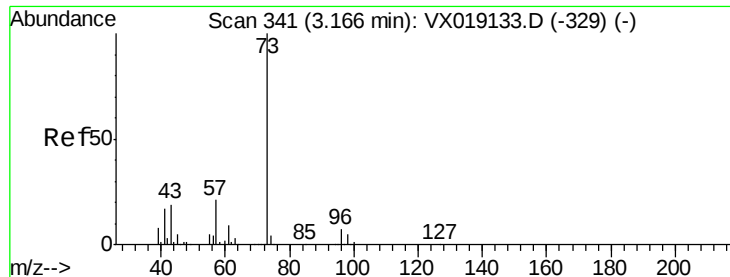
Tot Ion: 76 Resp: 146076
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 20.958 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion: 43 Resp: 59766
Ion Ratio Lower Upper
43 100
74 27.8 22.6 33.8



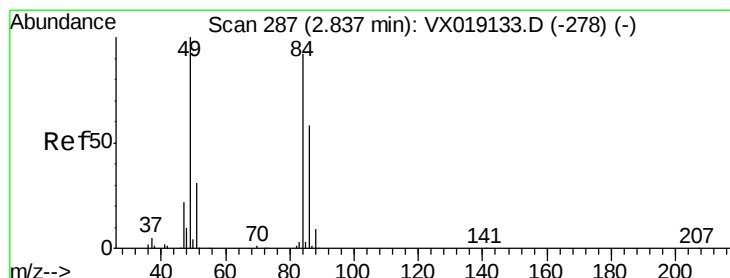
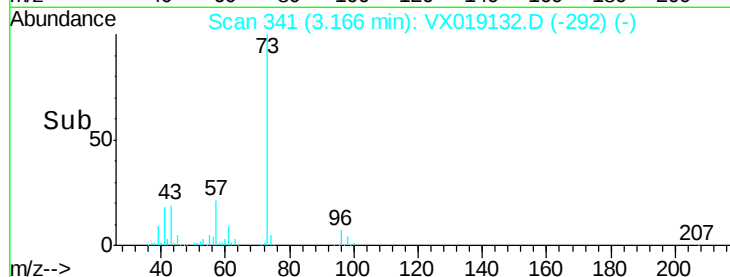
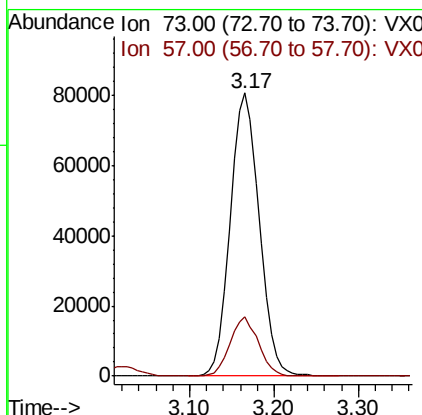
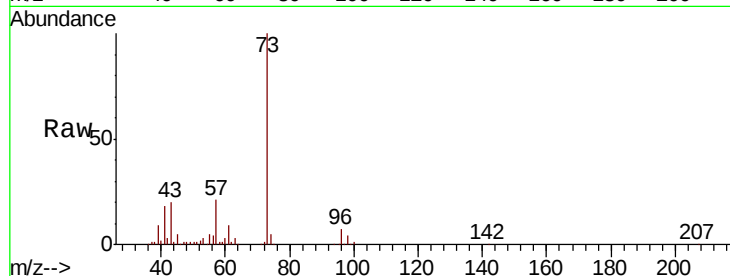


#19

Methyl tert-butyl Ether
 Concen: 19.863 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

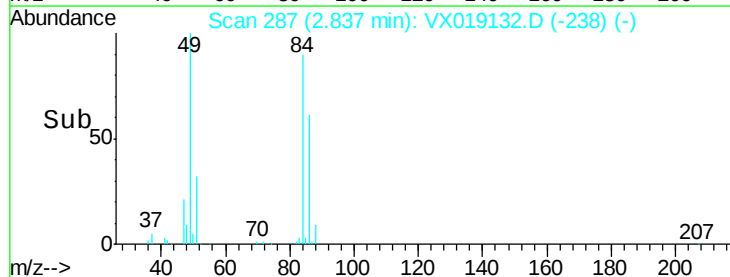
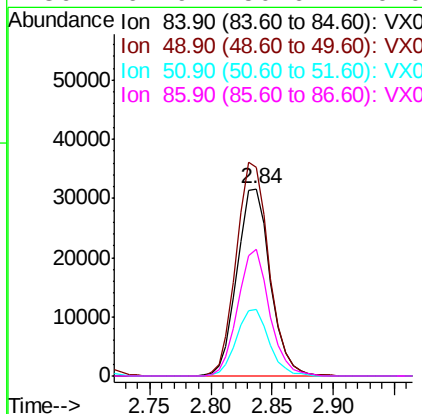
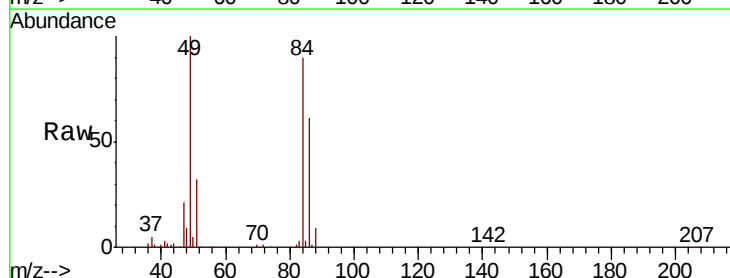
Tot Ion: 73 Resp: 188077
 Ion Ratio Lower Upper
 73 100
 57 20.9 16.6 25.0

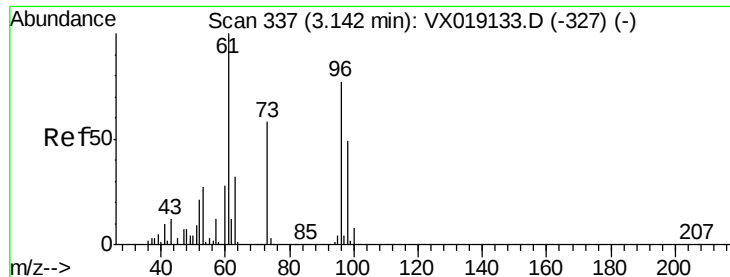


#20

Methylene Chloride
 Concen: 18.101 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion: 84 Resp: 59633
 Ion Ratio Lower Upper
 84 100
 49 111.4 86.8 130.2
 51 35.4 27.3 40.9
 86 67.9 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.439 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

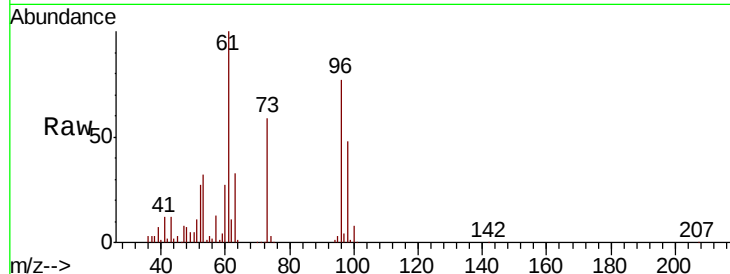
Tot Ion: 96 Resp: 59414

Ion Ratio Lower Upper

96 100

61 130.2 104.2 156.4

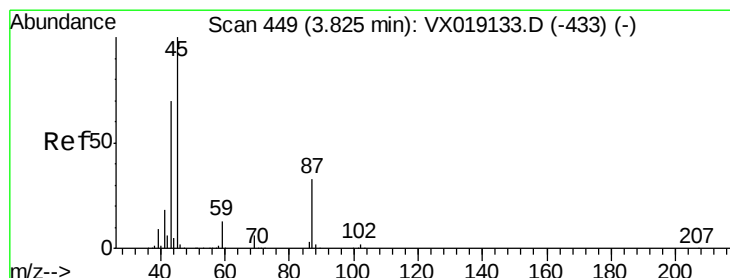
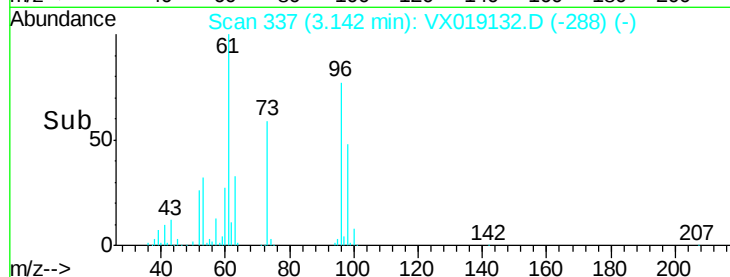
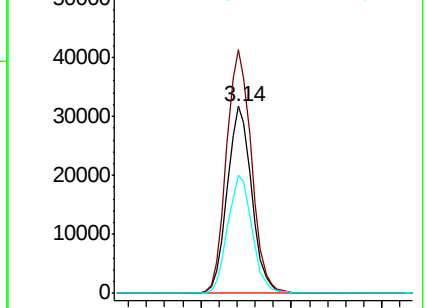
98 62.9 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.408 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Tgt Ion: 45 Resp: 164760

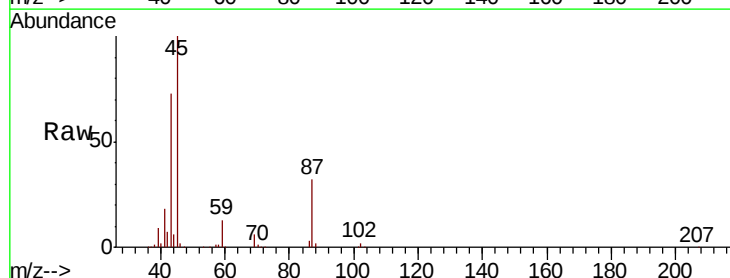
Ion Ratio Lower Upper

45 100

43 72.1 56.2 84.4

87 32.2 26.2 39.2

59 13.1 10.1 15.1

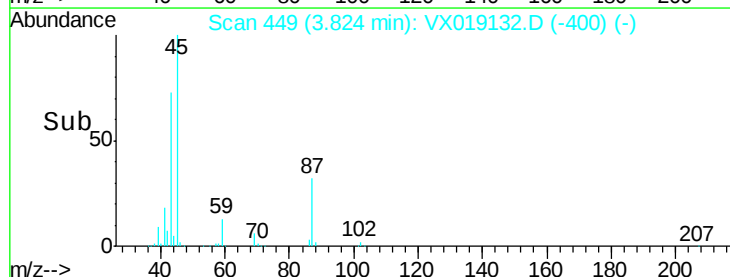
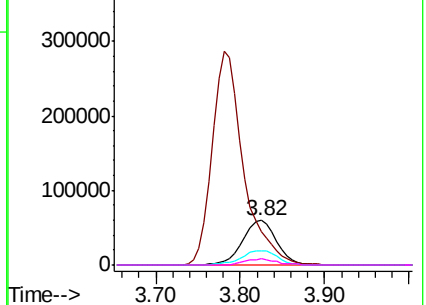


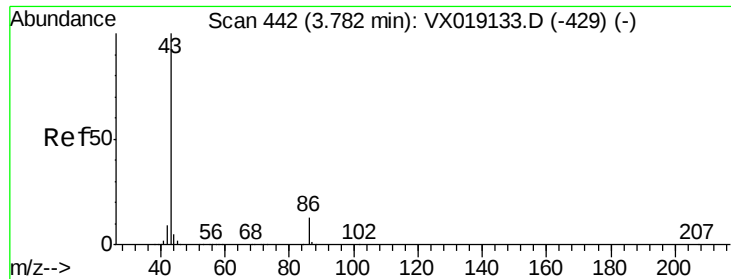
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 108.786 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

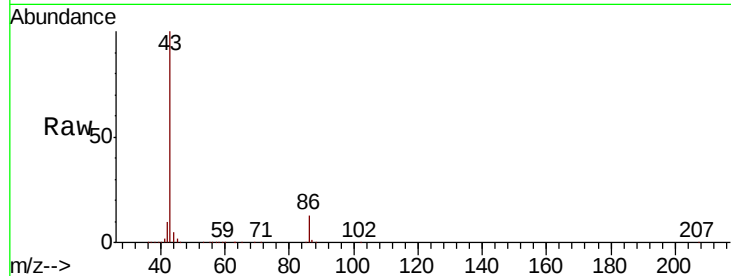
VSTDIC020

Tot Ion: 43 Resp: 737003

Ion Ratio Lower Upper

43 100

86 12.9 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

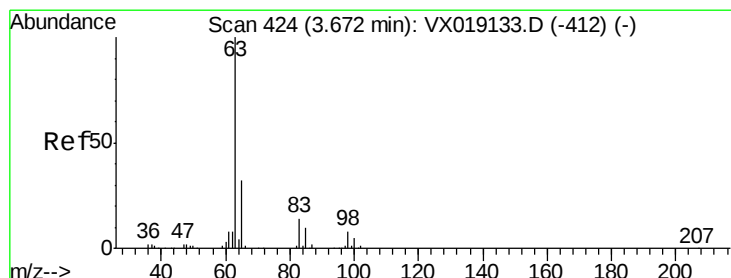
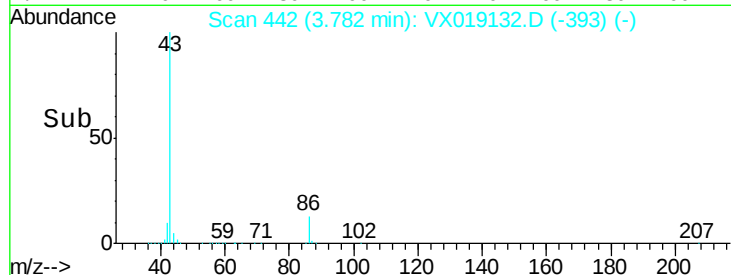
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.132 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

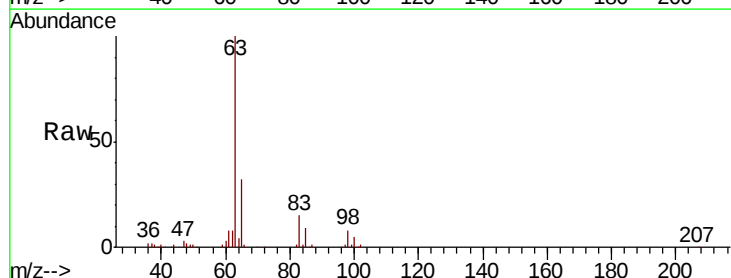
Tgt Ion: 63 Resp: 101242

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 4.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

50000

40000

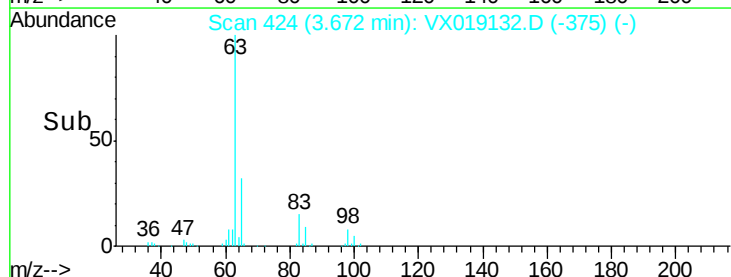
30000

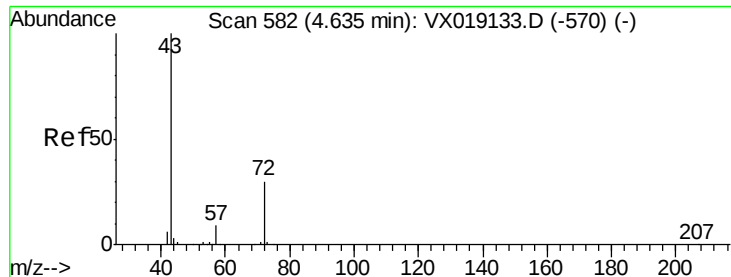
20000

10000

0

Time-->





#25

2-Butanone

Concen: 107.425 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

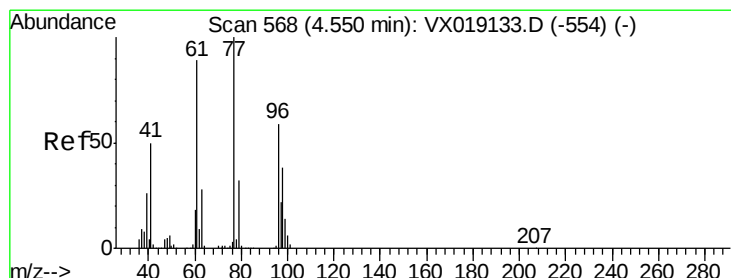
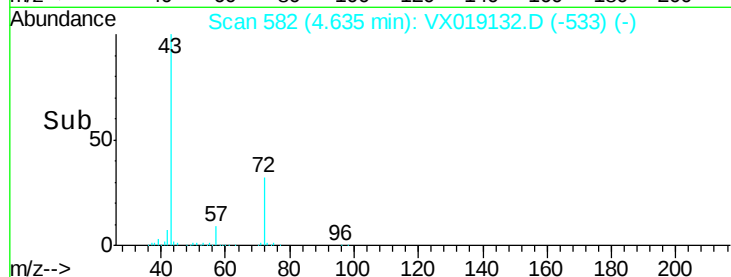
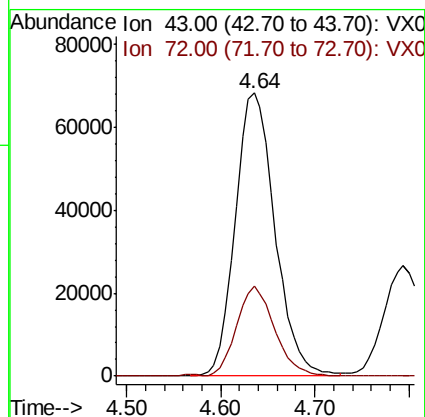
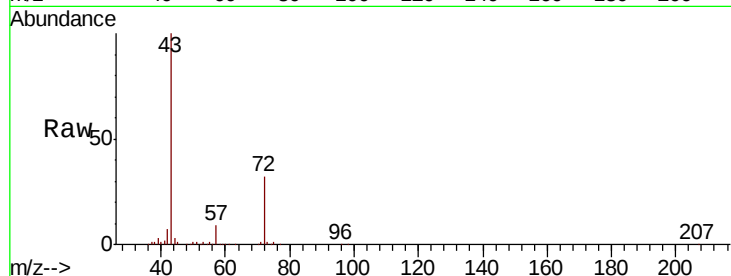
VSTDIC020

Tot Ion: 43 Resp: 198806

Ion Ratio Lower Upper

43 100

72 31.6 24.6 36.8



#26

2,2-Dichloropropane

Concen: 20.001 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019132.D

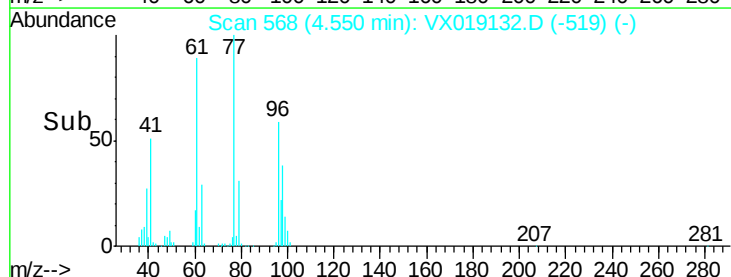
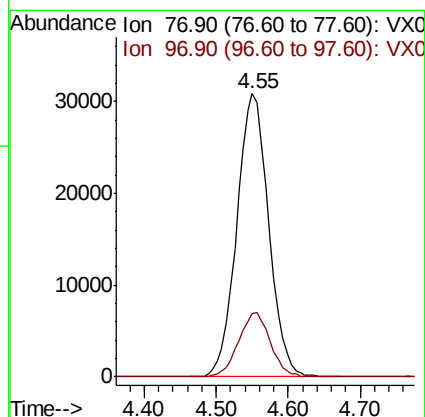
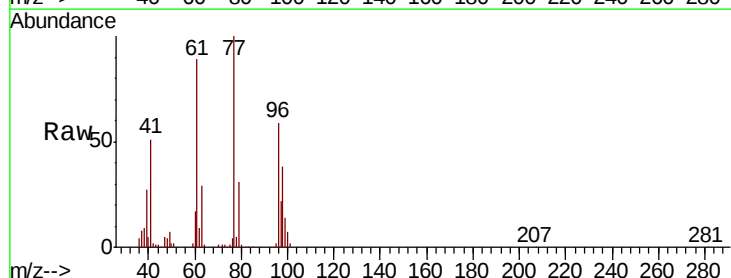
Acq: 27 Oct 2020 12:18

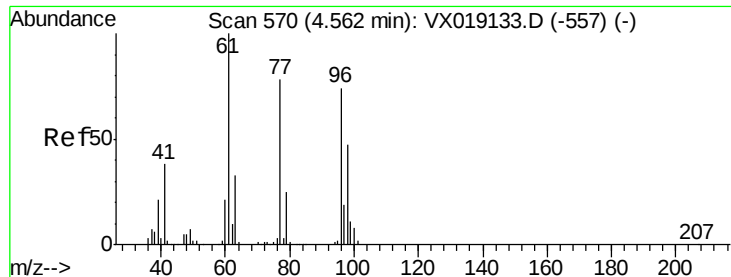
Tgt Ion: 77 Resp: 94628

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1



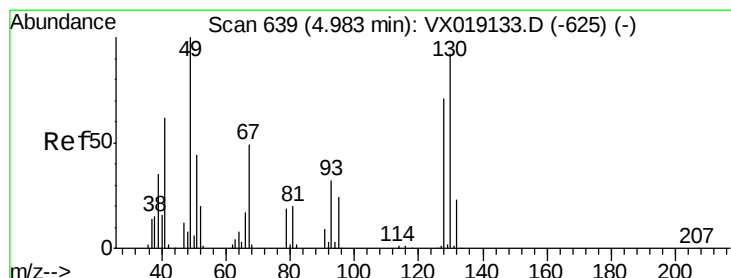
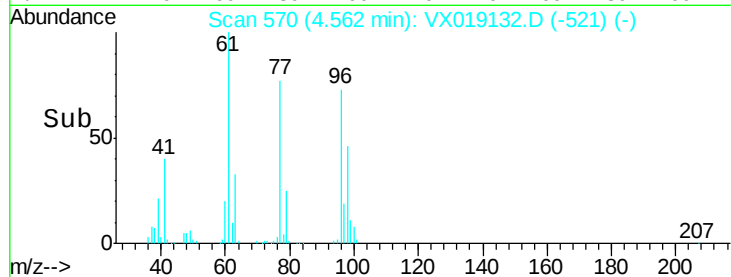
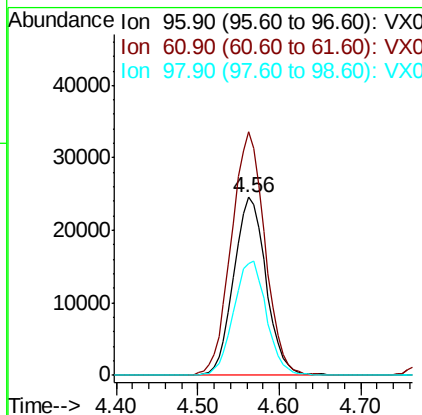
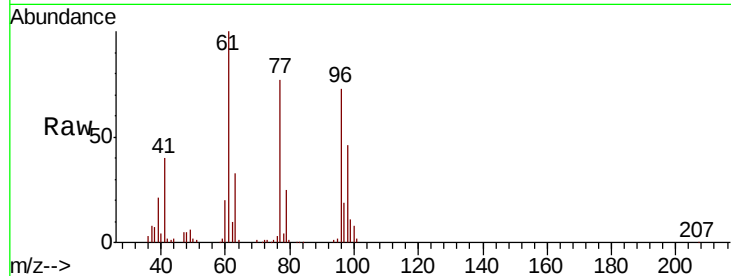


#27

cis-1,2-Dichloroethene
Concen: 18.673 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

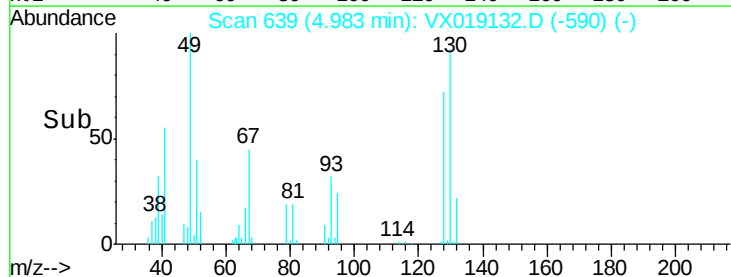
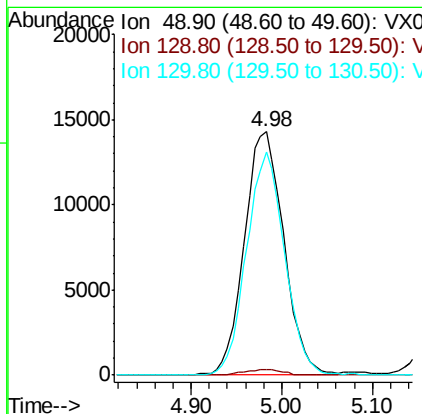
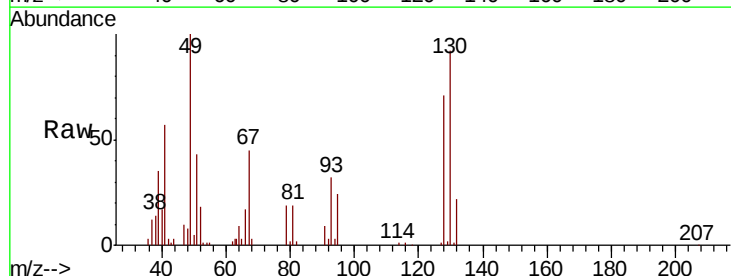
Tot Ion	96	Resp	67687
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	278.8
98	64.9	0.0	130.2

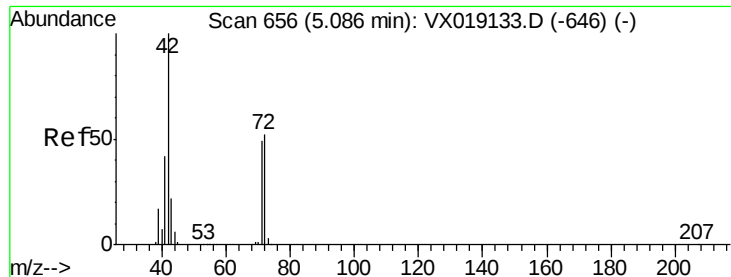


#28

Bromochloromethane
Concen: 19.799 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	49	Resp	43070
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	88.5	71.3	106.9

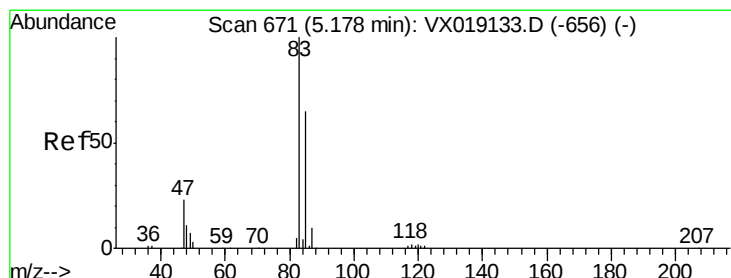
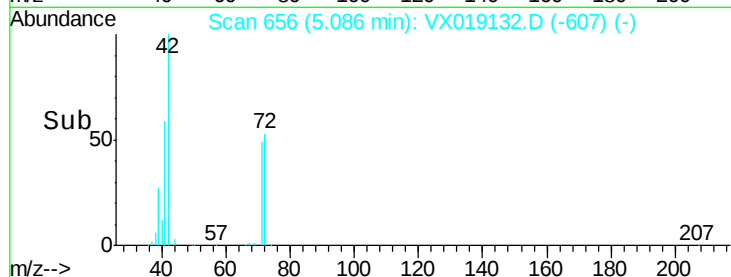
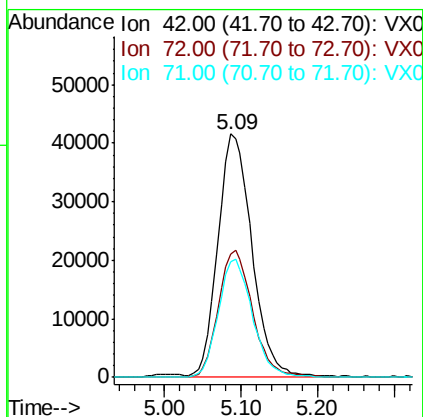
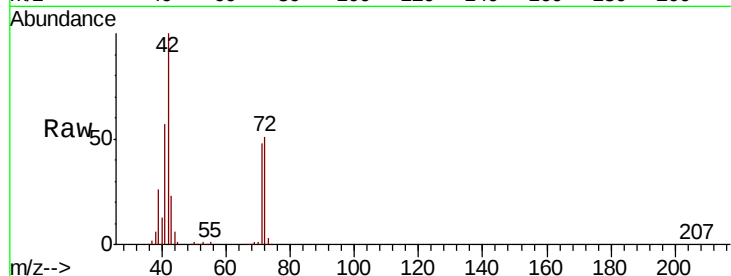




#29
Tetrahydrofuran
Concen: 108.140 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

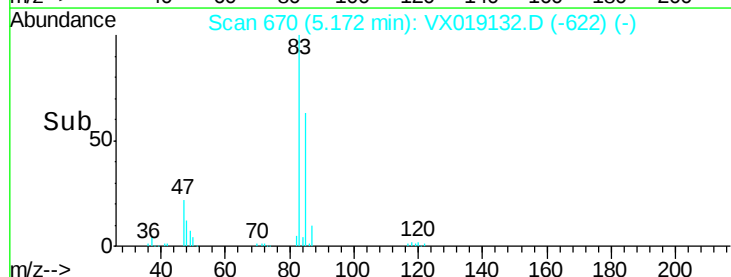
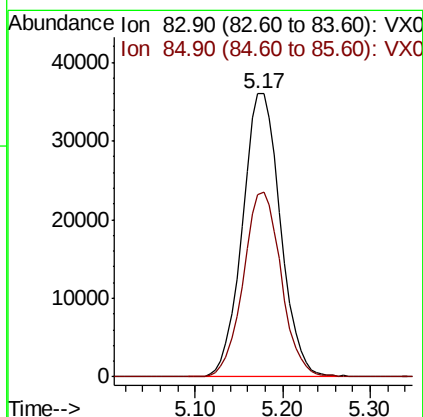
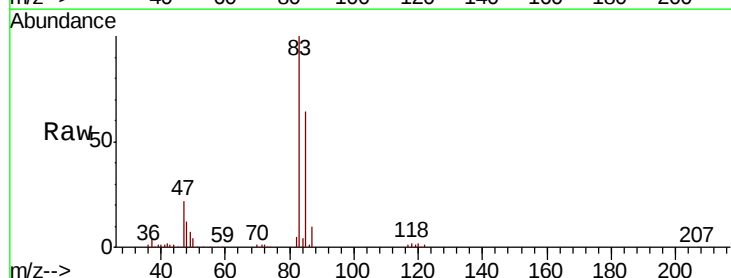
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

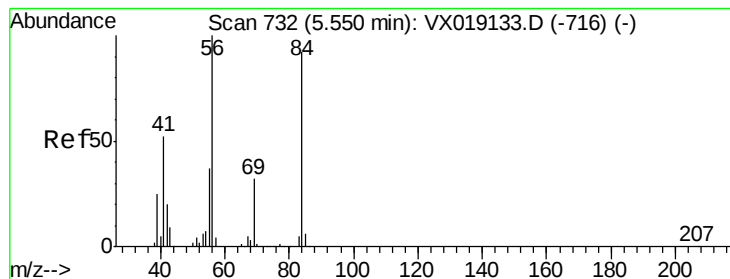
Tot Ion: 42 Resp: 127403
Ion Ratio Lower Upper
42 100
72 53.0 42.6 63.8
71 48.8 39.7 59.5



#30
Chloroform
Concen: 19.534 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion: 83 Resp: 108863
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9





#31

Cyclohexane

Concen: 20.031 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

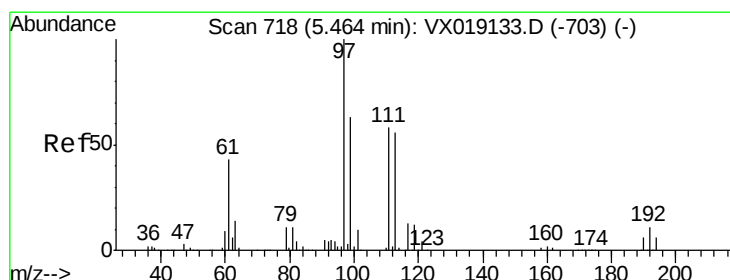
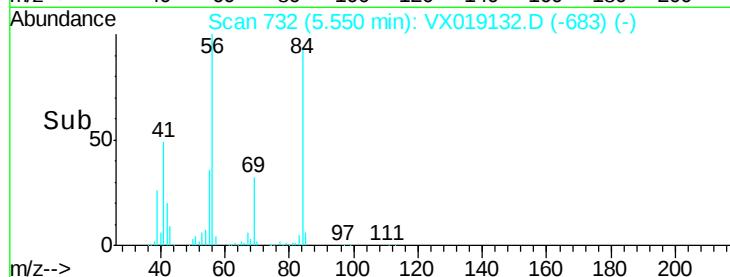
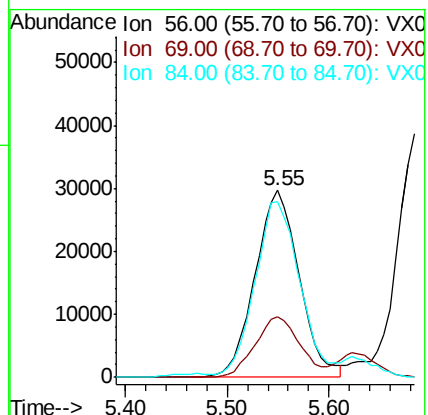
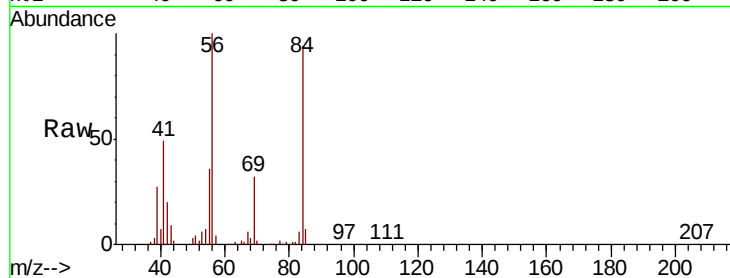
Tot Ion: 56 Resp: 89185

Ion Ratio Lower Upper

56 100

69 32.2 25.9 38.9

84 92.3 73.4 110.2



#32

1,1,1-Trichloroethane

Concen: 19.894 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

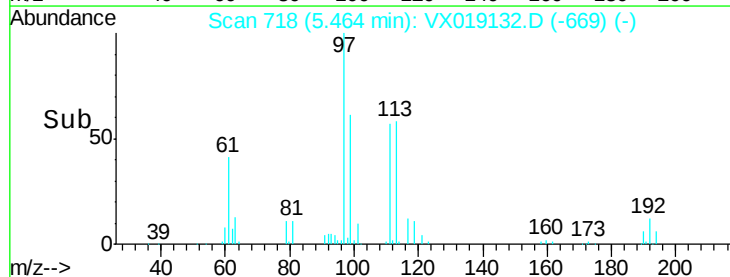
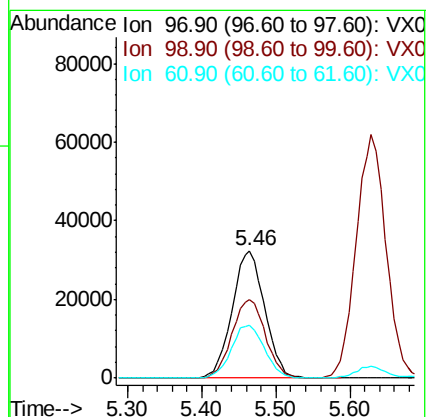
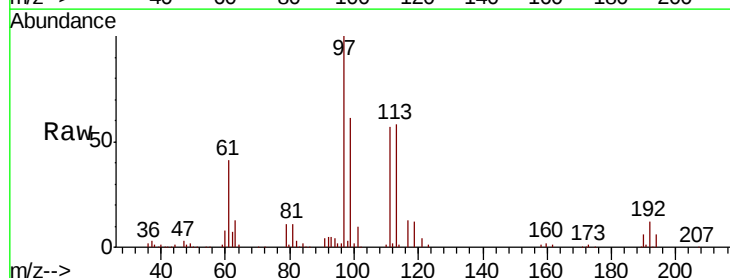
Tgt Ion: 97 Resp: 98908

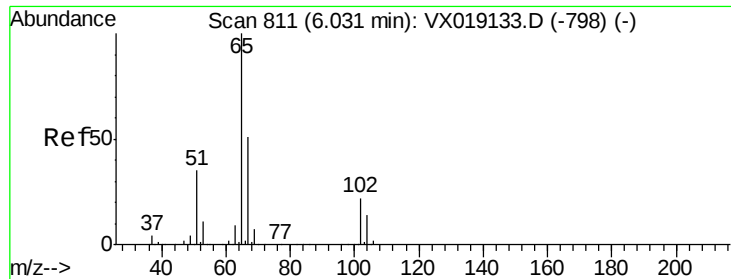
Ion Ratio Lower Upper

97 100

99 63.4 51.7 77.5

61 42.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 19.294 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

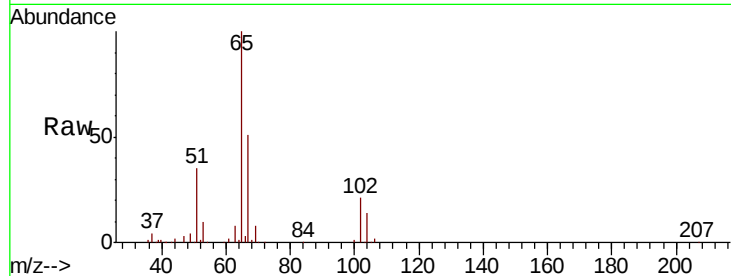
VSTDIC020

Tot Ion: 65 Resp: 67741

Ion Ratio Lower Upper

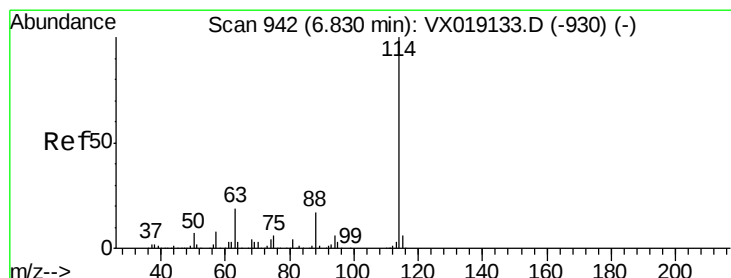
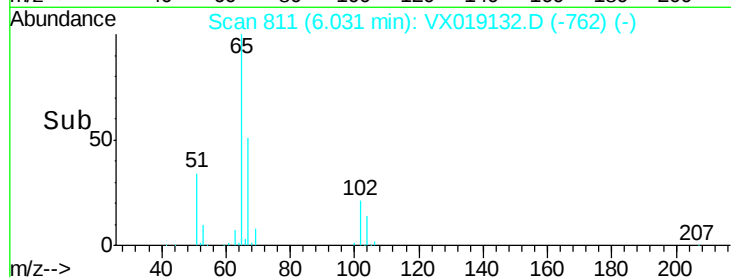
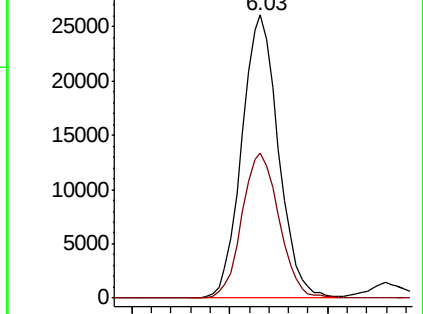
65 100

67 51.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

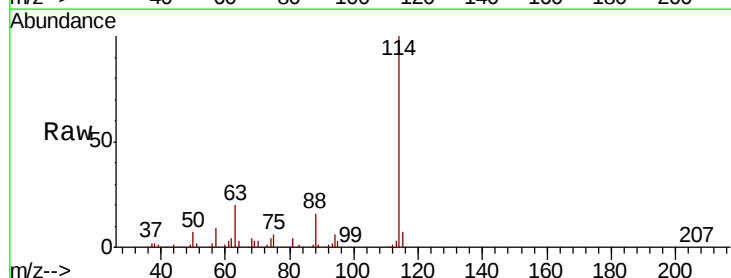
Tgt Ion: 114 Resp: 477487

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

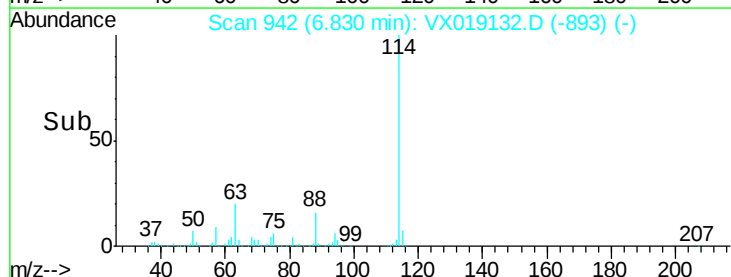
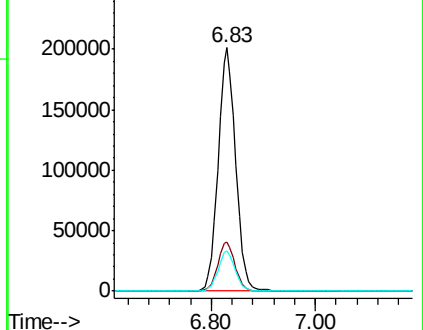
88 16.3 0.0 34.2

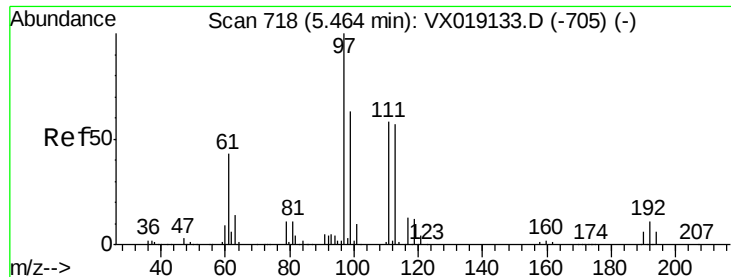


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

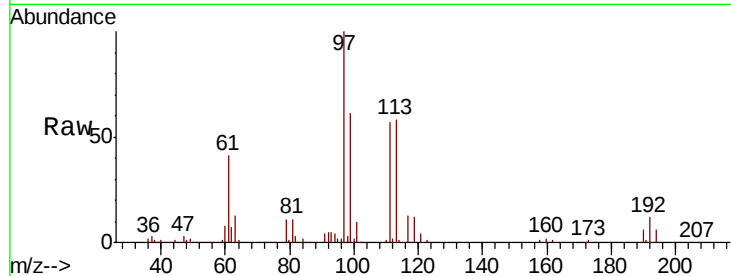




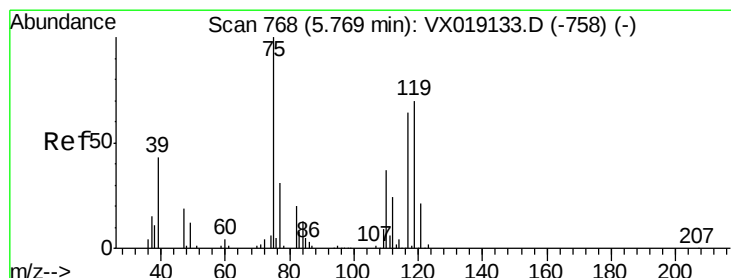
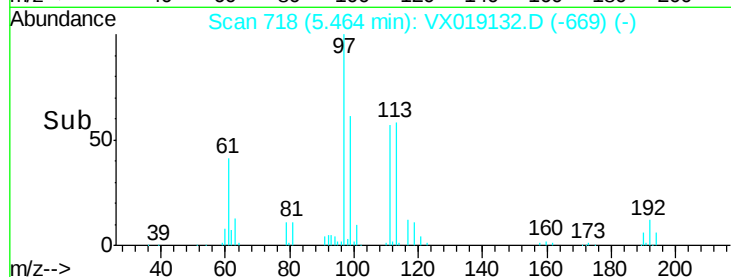
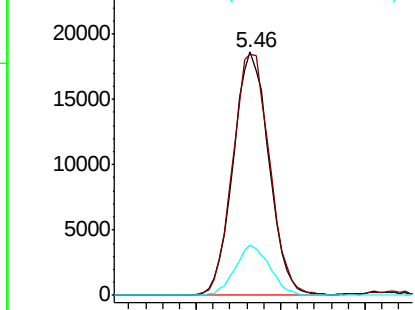
#35
 Dibromofluoromethane
 Concen: 18.229 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:113 Resp: 53483
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.3 123.5
 192 20.0 16.2 24.2

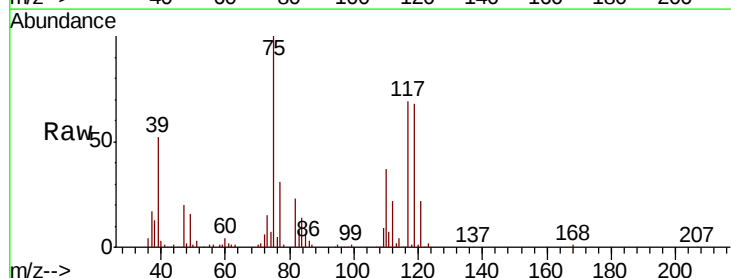


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

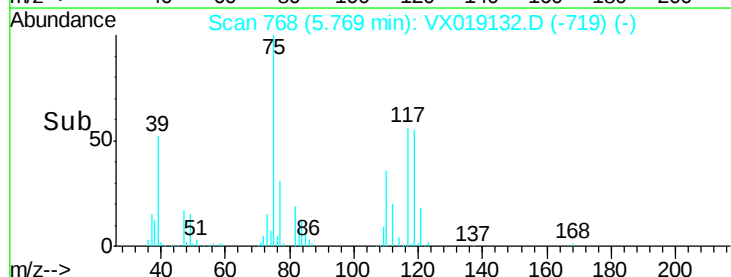
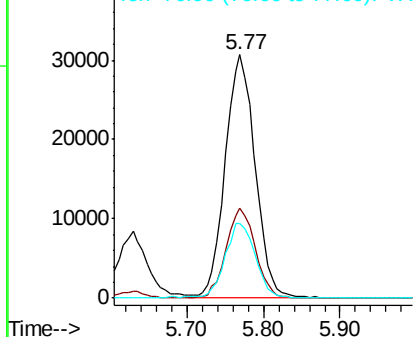


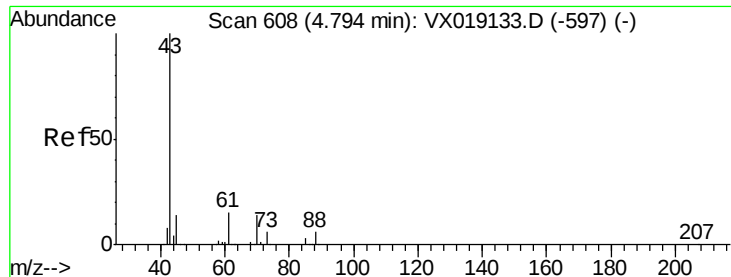
#36
 1,1-Dichloropropene
 Concen: 19.902 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion: 75 Resp: 83332
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.3 54.9
 77 31.4 24.9 37.3



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

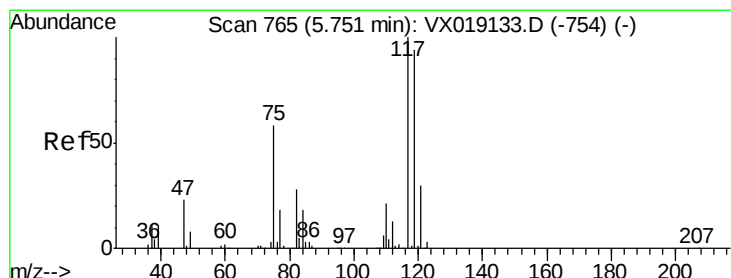
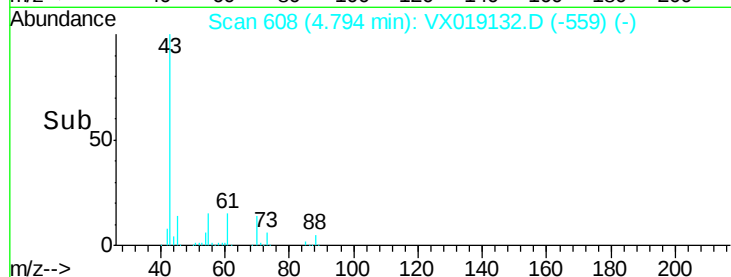
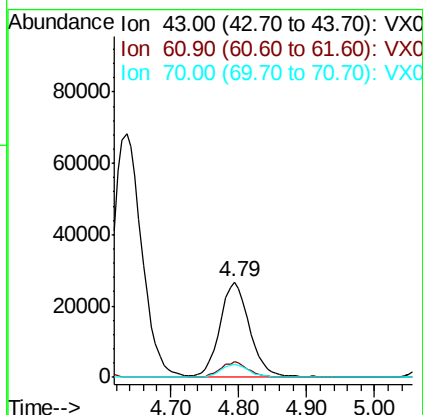
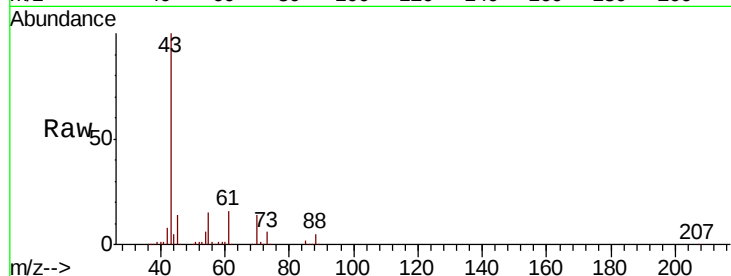




#37
Ethyl Acetate
Concen: 21.533 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

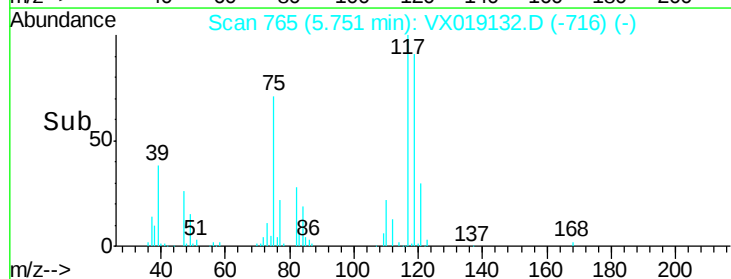
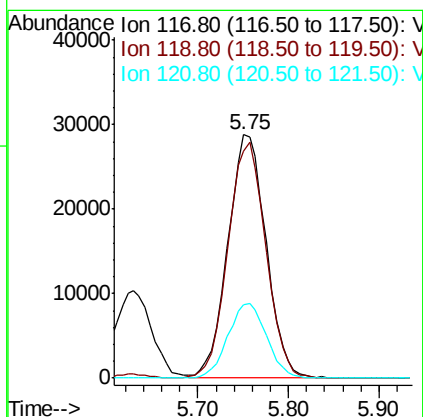
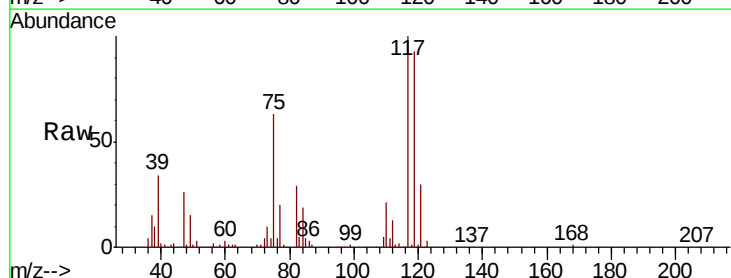
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

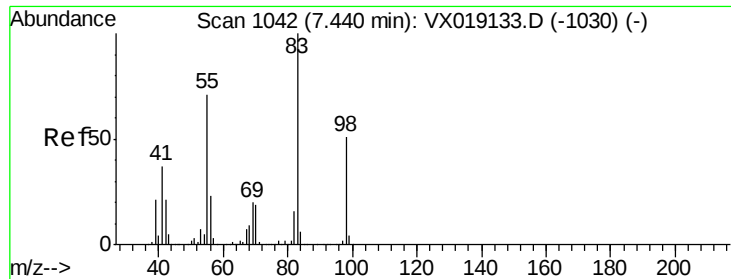
Tot Ion: 43 Resp: 79542
Ion Ratio Lower Upper
43 100
61 15.3 12.5 18.7
70 13.2 10.5 15.7



#38
Carbon Tetrachloride
Concen: 19.526 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion: 117 Resp: 84148
Ion Ratio Lower Upper
117 100
119 93.2 75.0 112.6
121 30.3 23.9 35.9

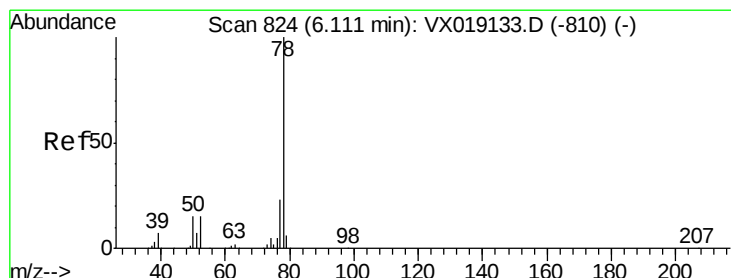
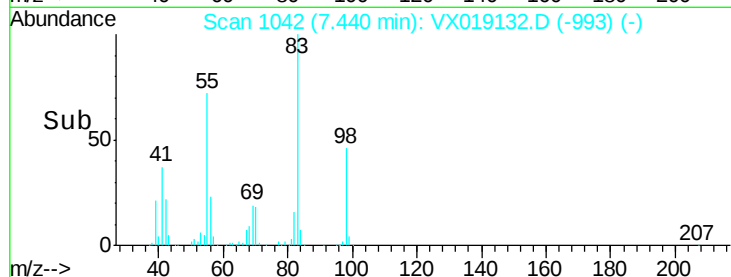
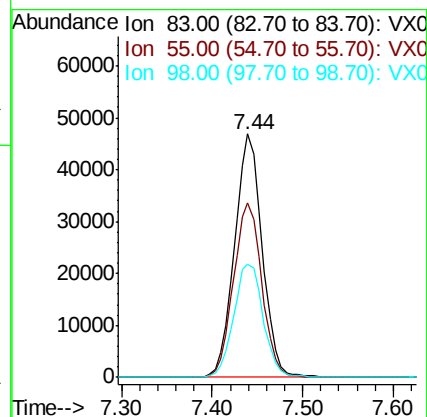
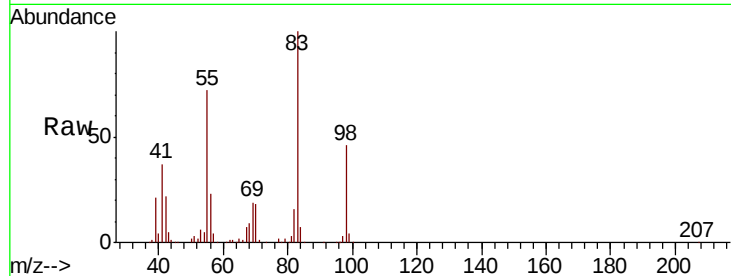




#39
Methvlcvclohexane
Concen: 19.333 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

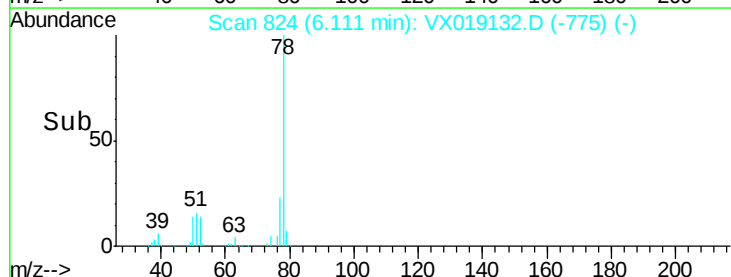
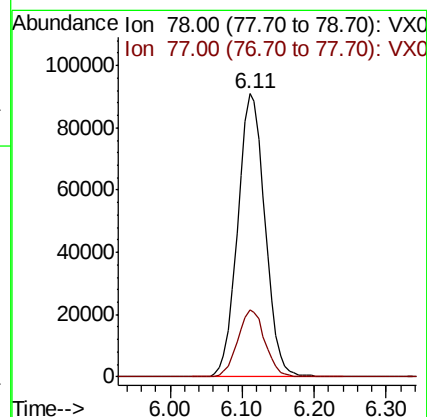
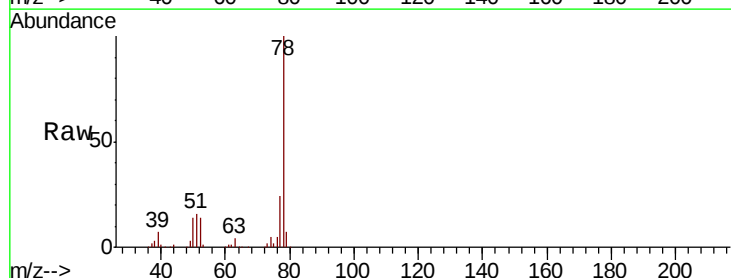
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

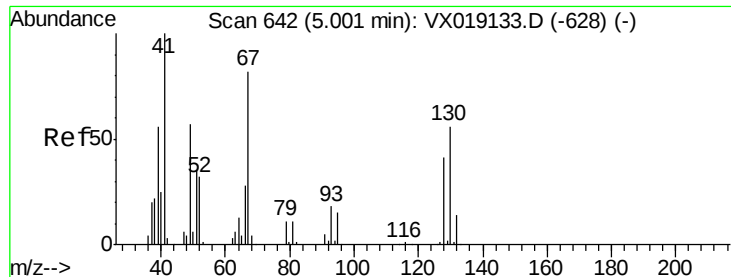
Tot Ion: 83 Resp: 99248
Ion Ratio Lower Upper
83 100
55 71.4 57.0 85.6
98 46.2 40.5 60.7



#40
Benzene
Concen: 19.502 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion: 78 Resp: 239356
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

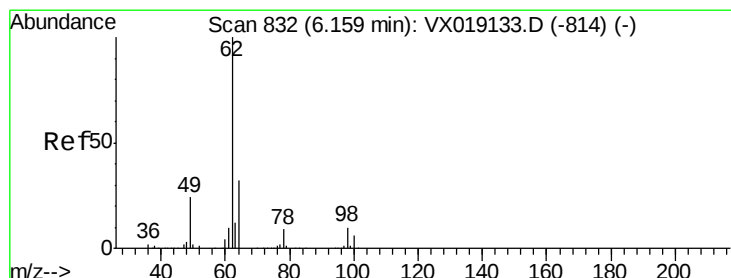
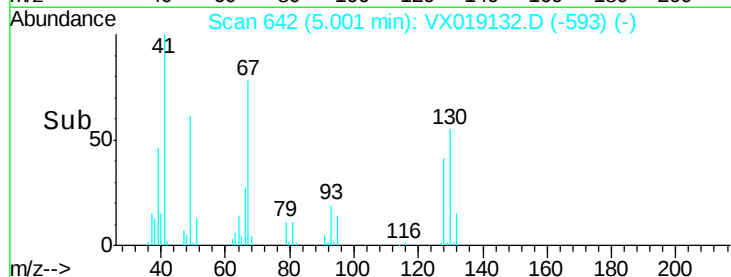
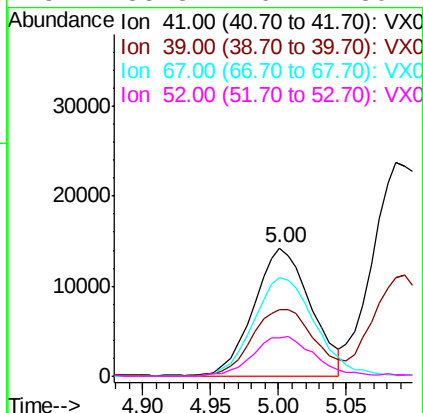
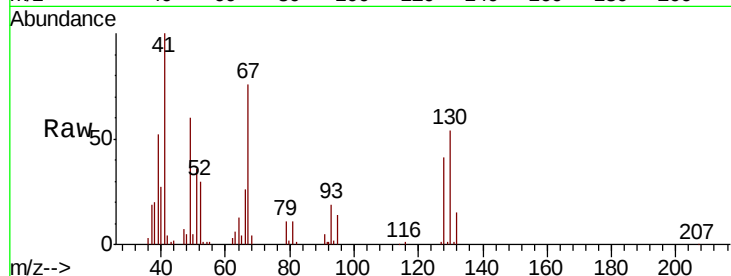




#41
Methacrylonitrile
Concen: 21.933 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

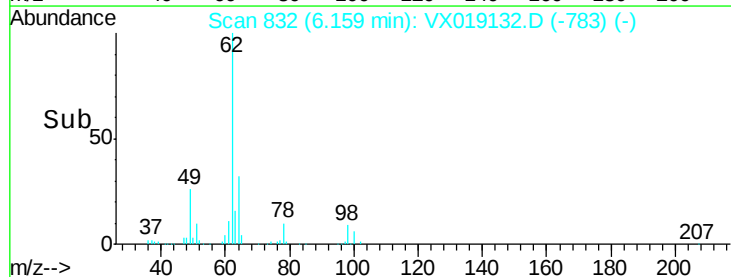
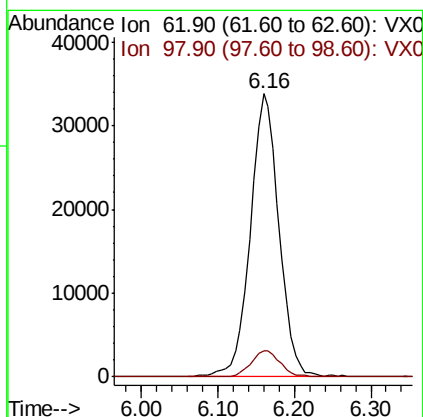
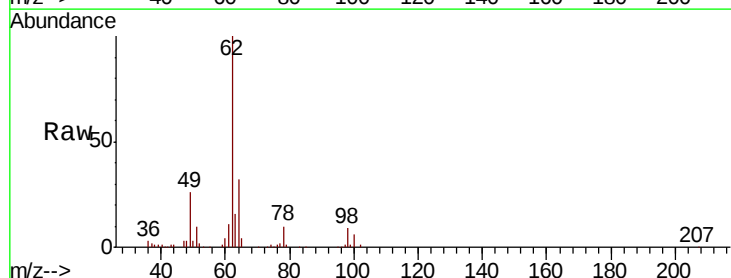
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

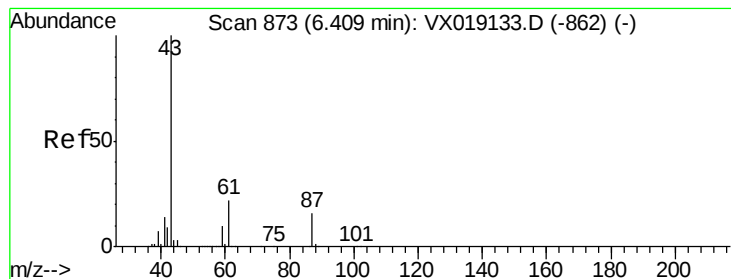
Tot Ion:	41	Resp:	41816
Ion	Ratio	Lower	Upper
41	100		
39	58.5	44.4	66.6
67	83.0	66.4	99.6
52	33.3	26.2	39.4



#42
1,2-Dichloroethane
Concen: 21.007 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion:	62	Resp:	88125
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



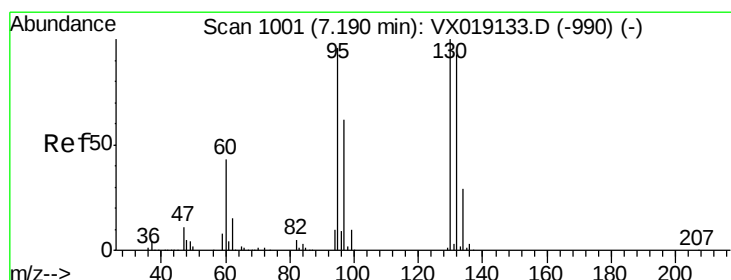
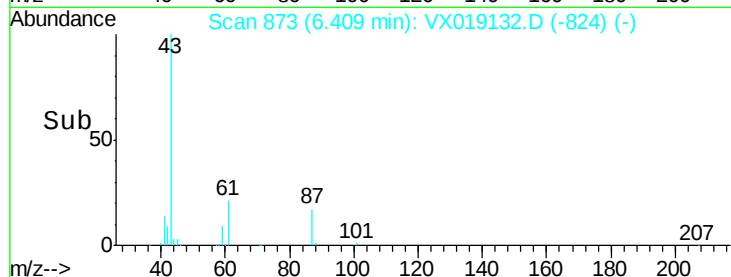
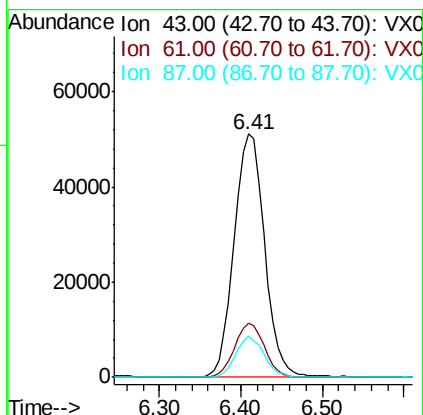
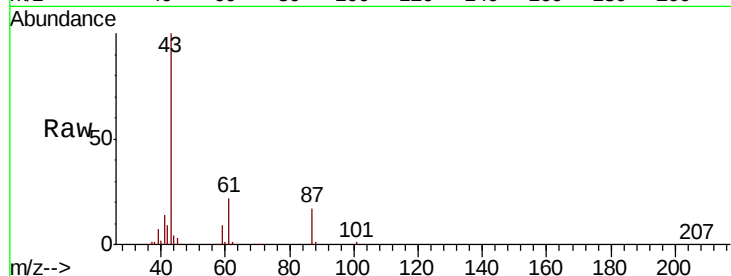


#43

Isopropyl Acetate
 Concen: 21.770 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

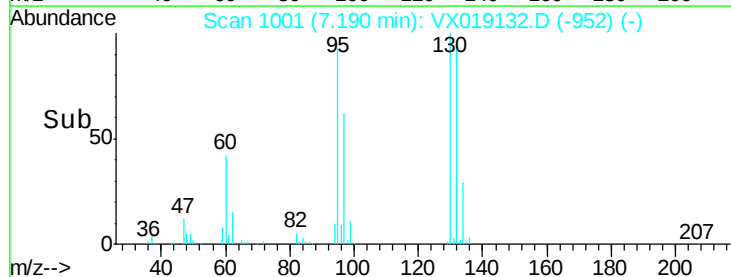
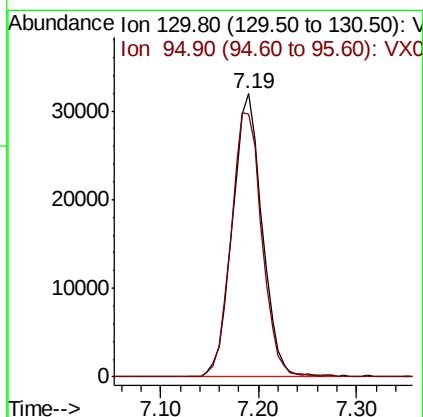
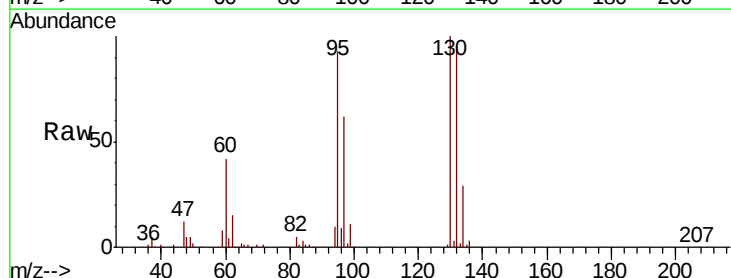
Tot Ion: 43 Resp: 131566
 Ion Ratio Lower Upper
 43 100
 61 21.9 17.8 26.6
 87 15.7 12.6 19.0

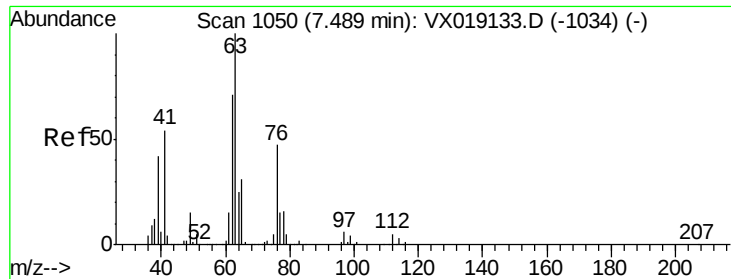


#44

Trichloroethene
 Concen: 19.173 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion: 130 Resp: 67384
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 192.0

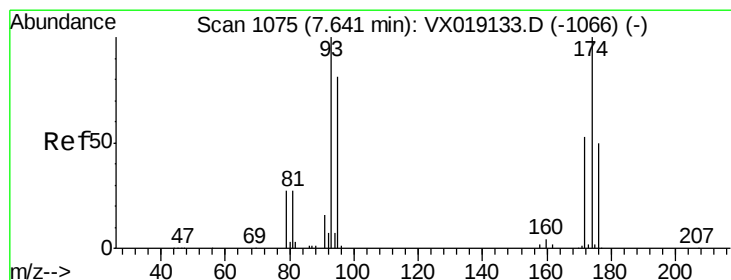
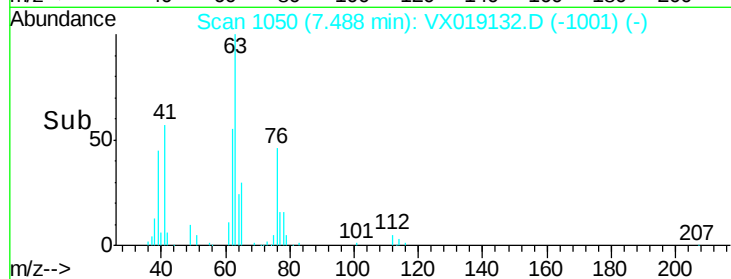
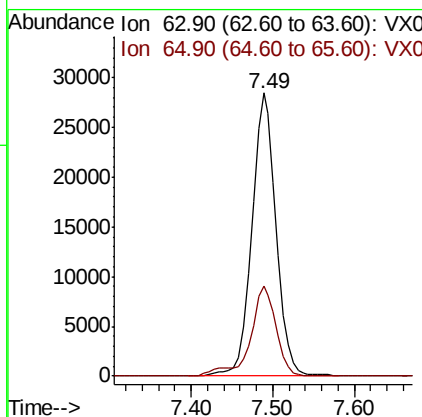
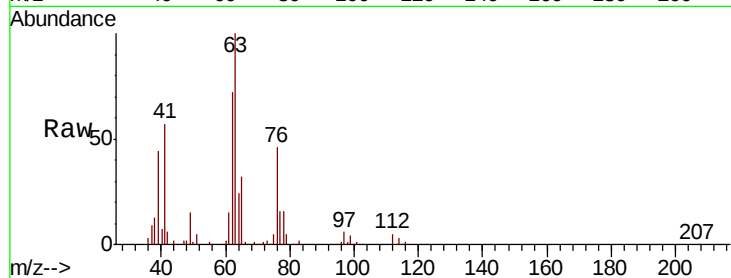




#45
 1,2-Dichloropropane
 Concen: 20.451 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

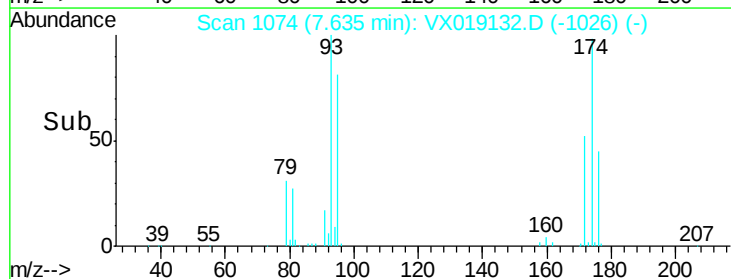
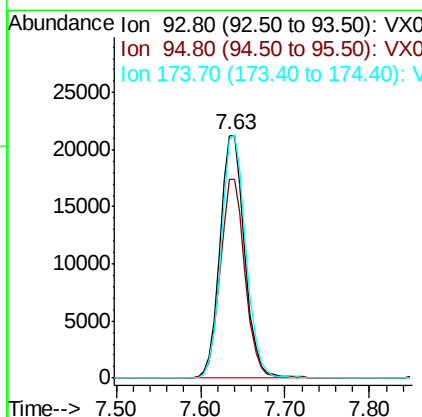
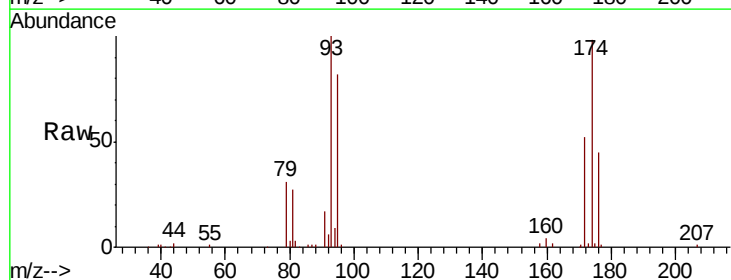
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

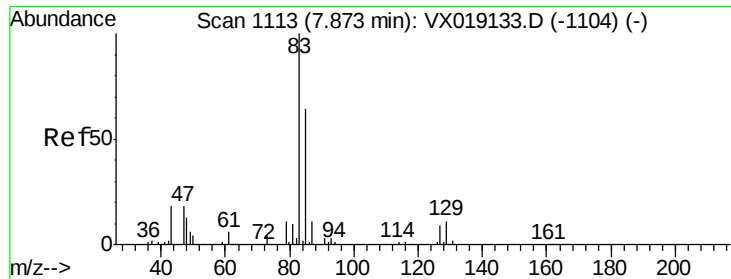
Tot Ion: 63 Resp: 59033
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.2 37.8



#46
 Dibromomethane
 Concen: 19.685 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion: 93 Resp: 42809
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.0 100.6
 174 100.0 81.7 122.5





#47

Bromodichloromethane

Concen: 20.004 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

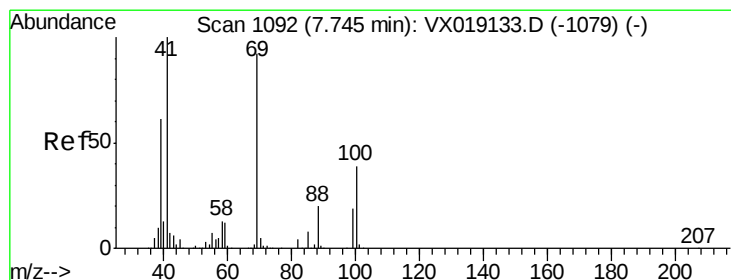
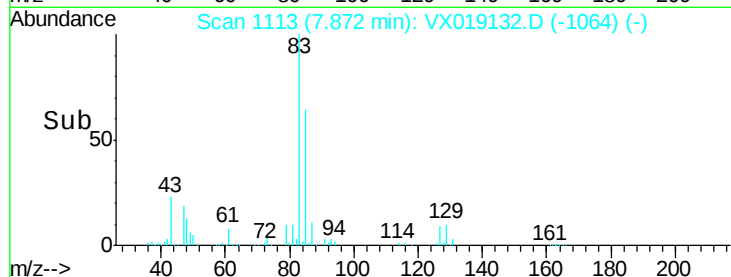
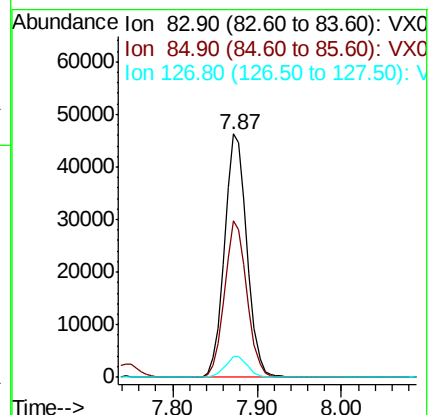
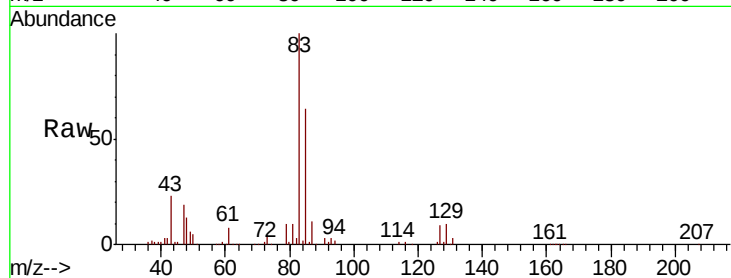
Tot Ion: 83 Resp: 85075

Ion Ratio Lower Upper

83 100

85 64.1 51.2 76.8

127 8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 22.719 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

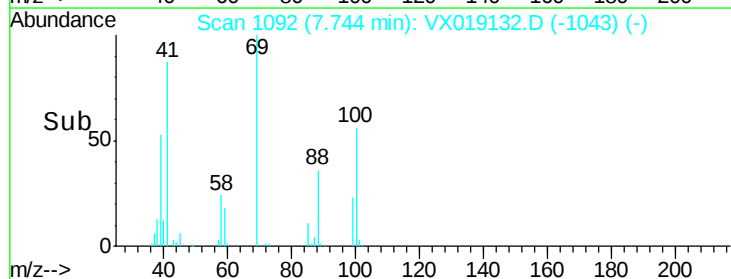
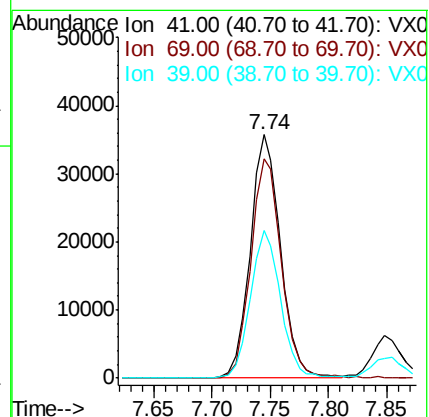
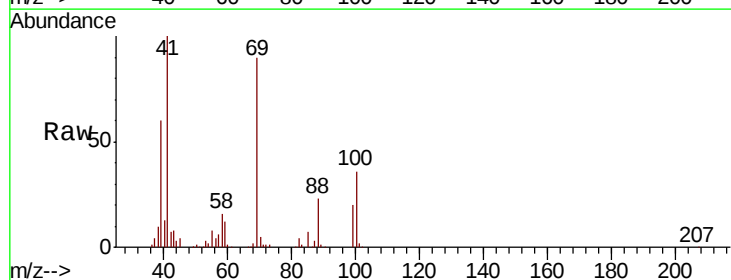
Tgt Ion: 41 Resp: 64746

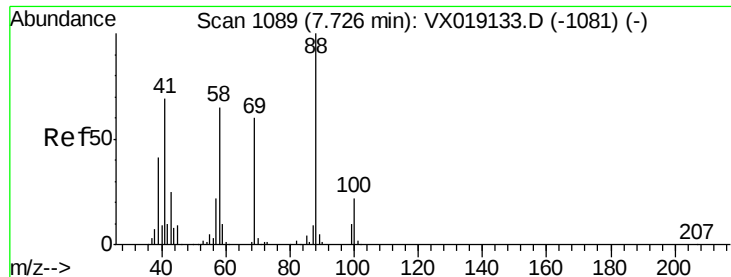
Ion Ratio Lower Upper

41 100

69 91.1 75.5 113.3

39 59.6 48.9 73.3





#49

1,4-Dioxane

Concen: 390.592 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

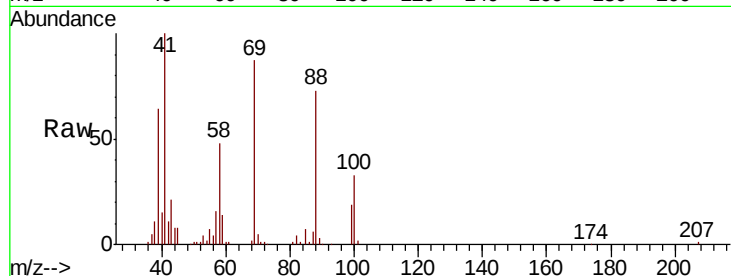
Tot Ion: 88 Resp: 28719

Ion Ratio Lower Upper

88 100

43 29.6 23.0 34.6

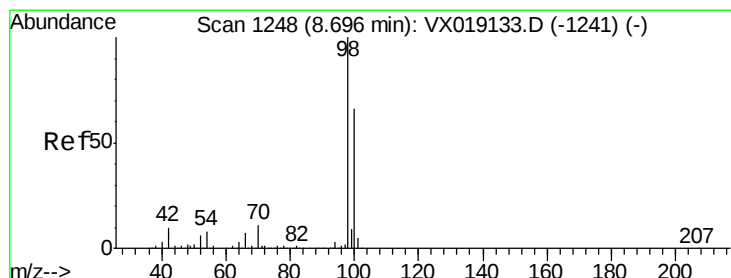
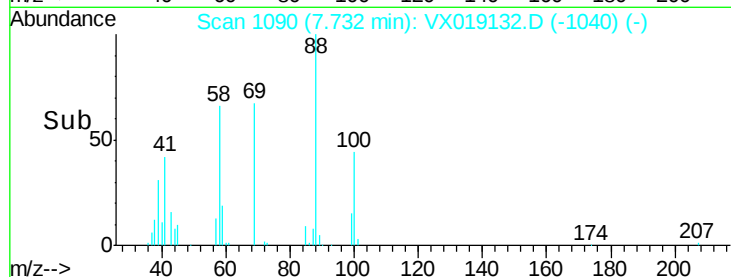
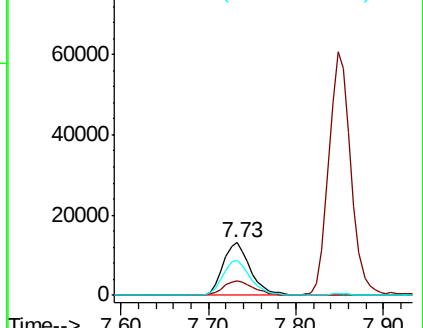
58 66.9 52.2 78.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 18.073 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019132.D

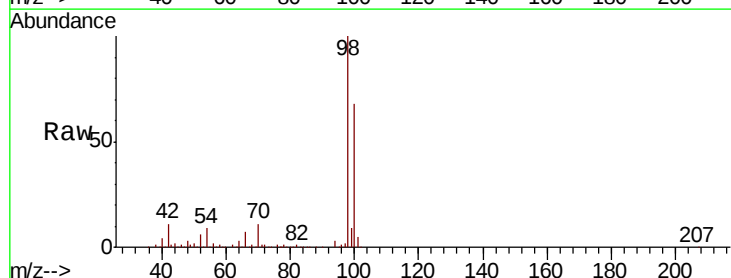
Acq: 27 Oct 2020 12:18

Tgt Ion: 98 Resp: 204390

Ion Ratio Lower Upper

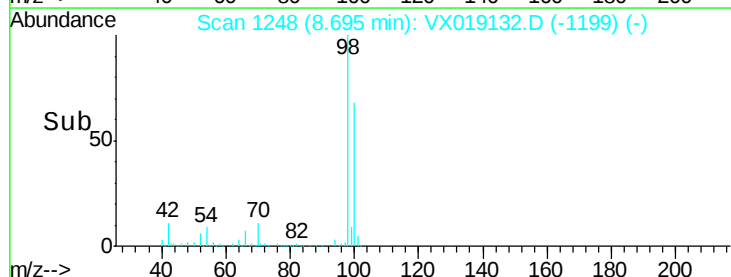
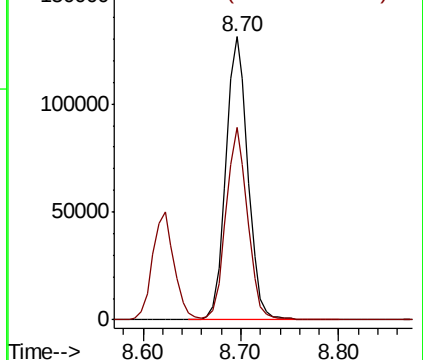
98 100

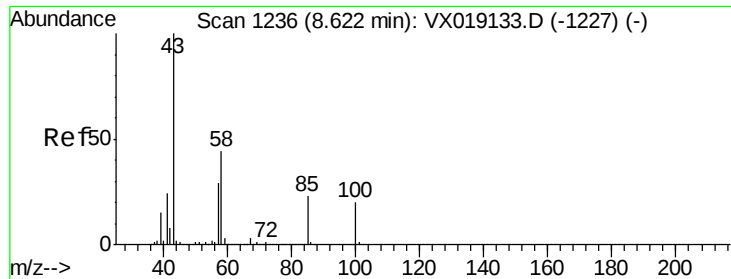
100 67.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 111.746 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampled :

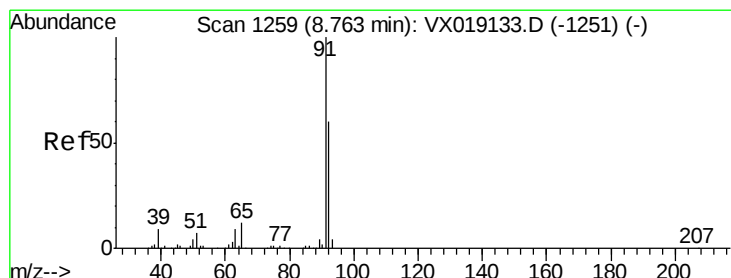
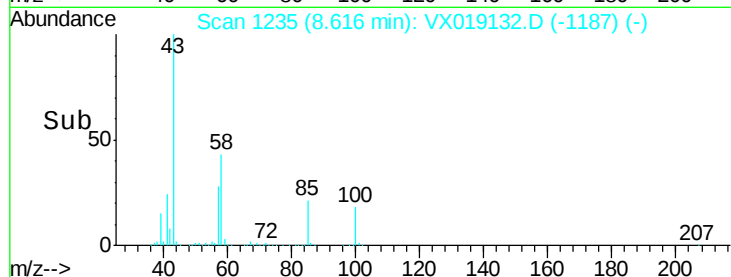
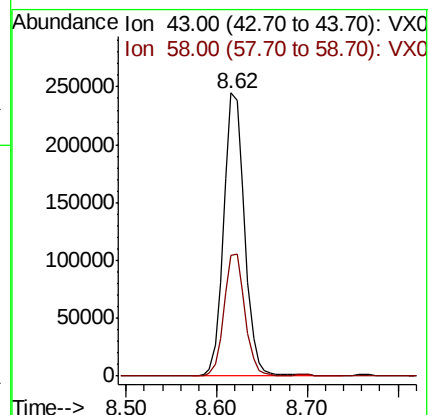
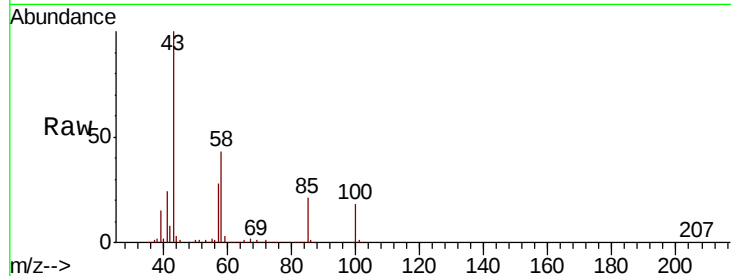
VSTDIC020

Tot Ion: 43 Resp: 394518

Ion Ratio Lower Upper

43 100

58 43.1 35.0 52.4



#52

Toluene

Concen: 19.606 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019132.D

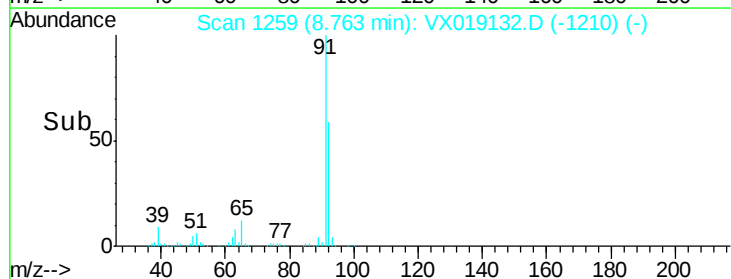
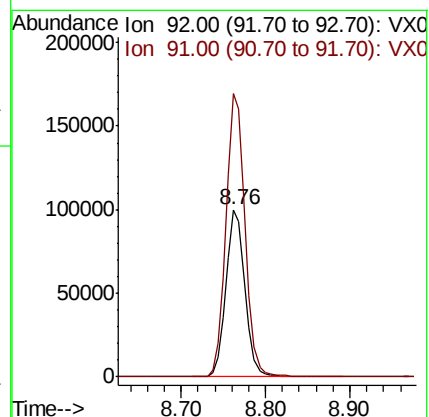
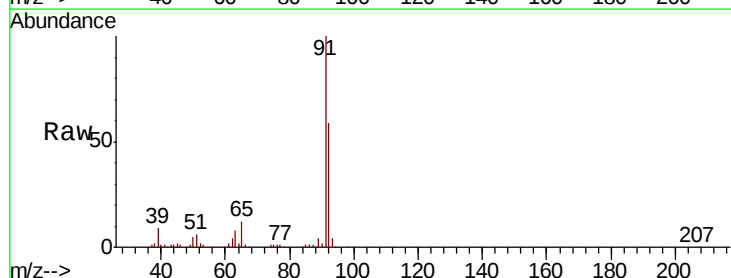
Acq: 27 Oct 2020 12:18

Tgt Ion: 92 Resp: 155652

Ion Ratio Lower Upper

92 100

91 170.5 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 20.256 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

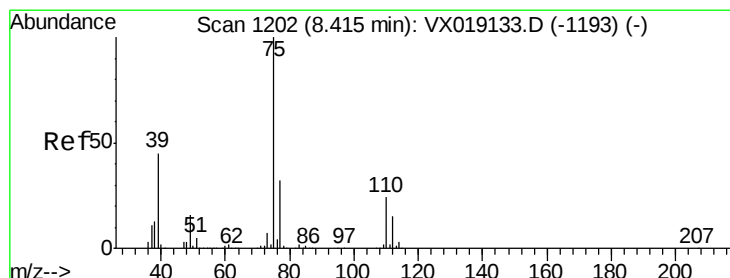
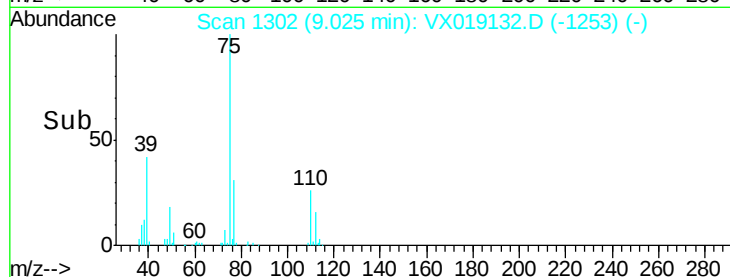
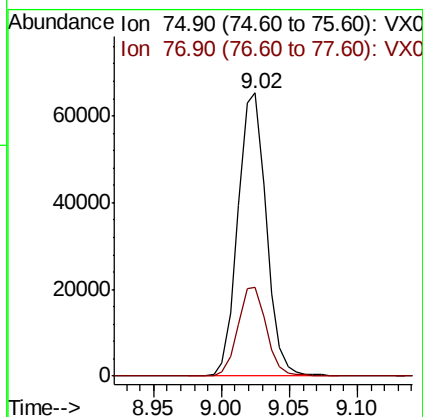
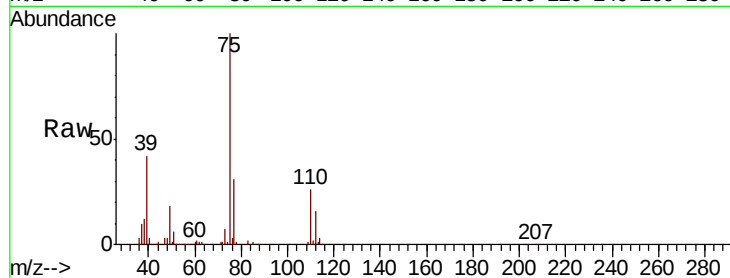
VSTDIC020

Tot Ion: 75 Resp: 95219

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 20.203 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

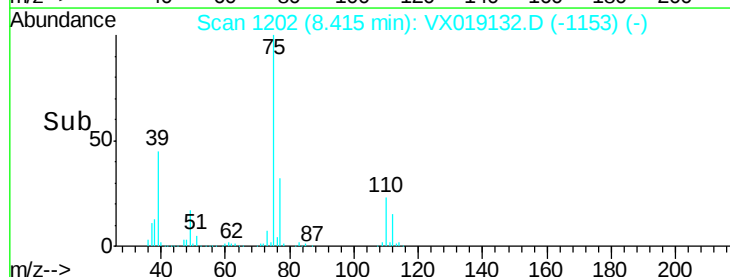
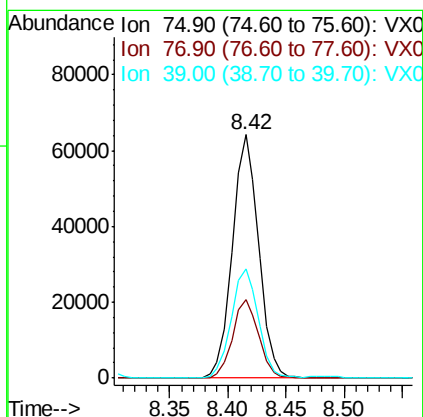
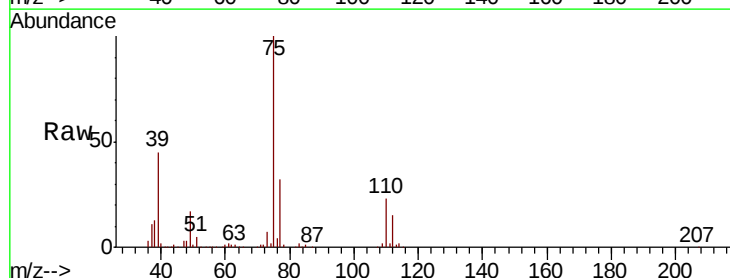
Tgt Ion: 75 Resp: 101139

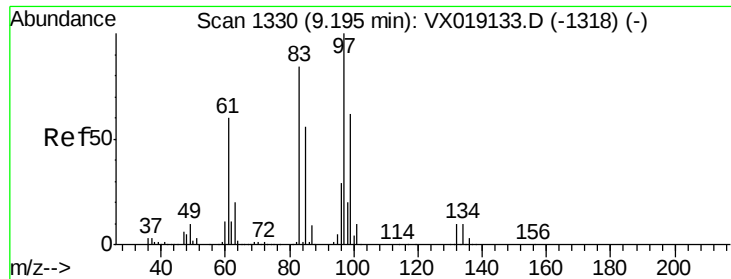
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 44.8 36.2 54.2

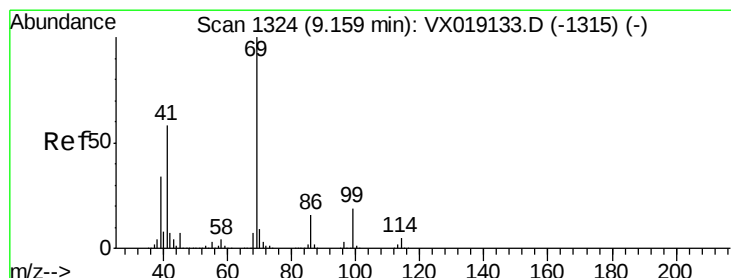
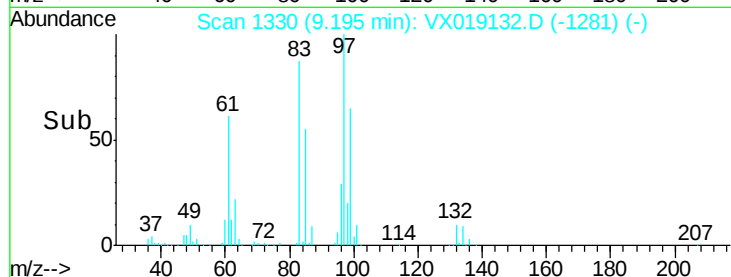
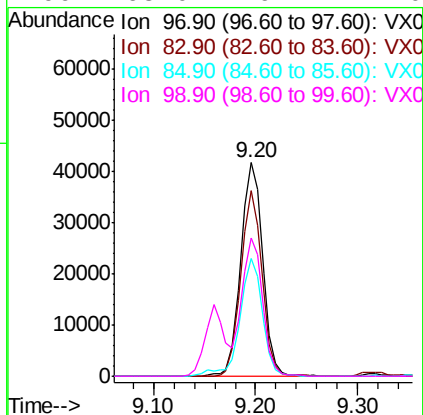
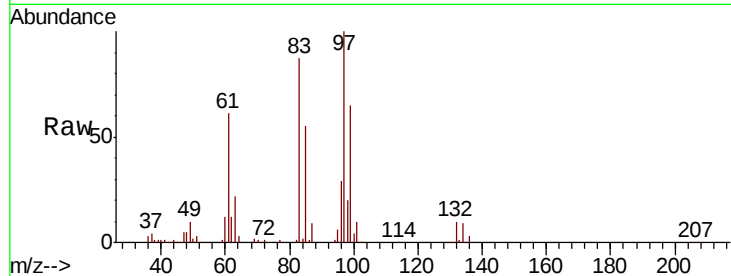




#55
 1,1,2-Trichloroethane
 Concen: 19.545 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

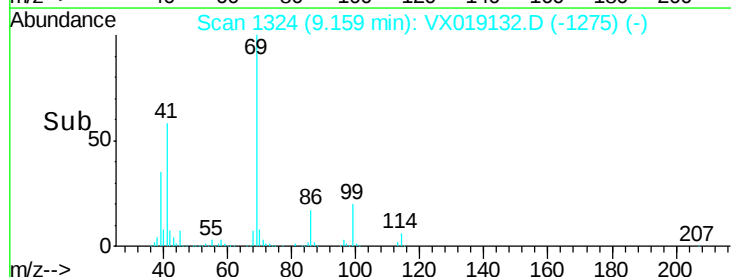
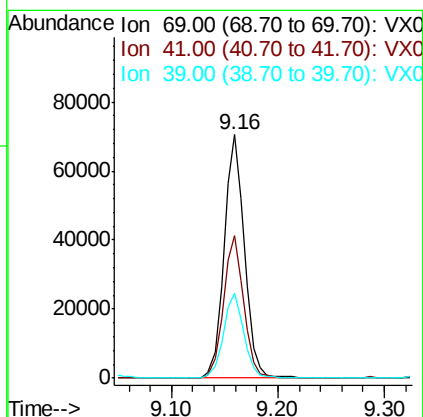
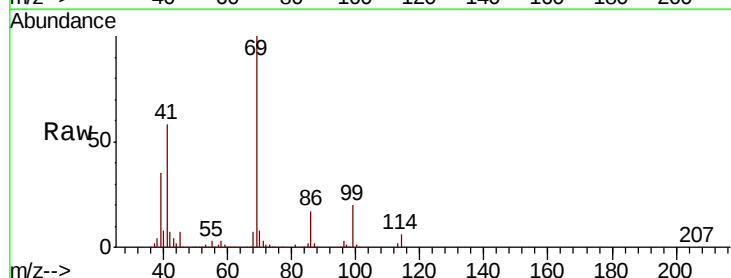
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

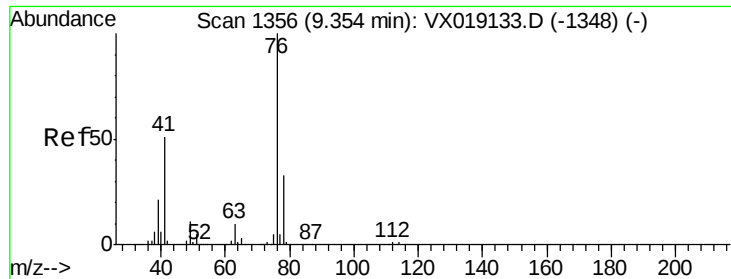
Tot Ion:	97	Resp:	61782
Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.2	100.8
85	54.9	44.6	67.0
99	65.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 20.569 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion:	69	Resp:	93863
Ion	Ratio	Lower	Upper
69	100		
41	57.8	46.5	69.7
39	35.1	27.6	41.4

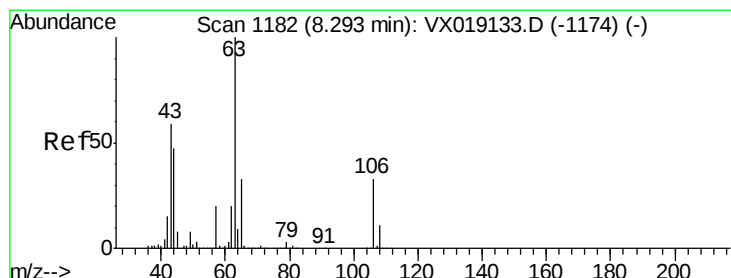
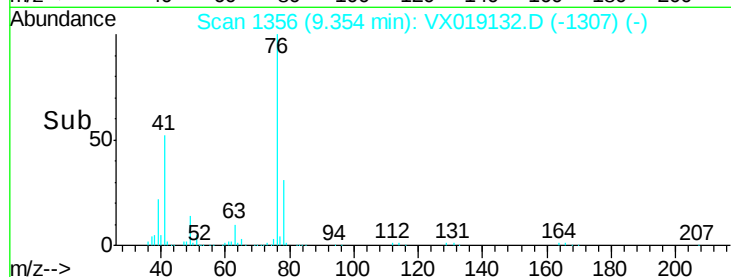
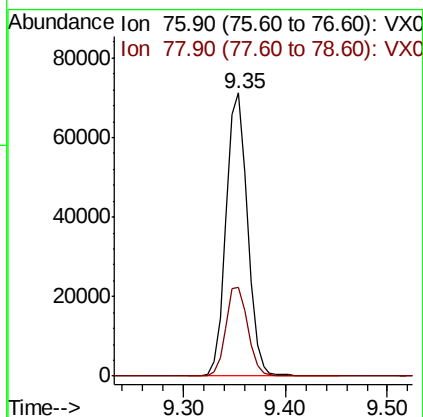
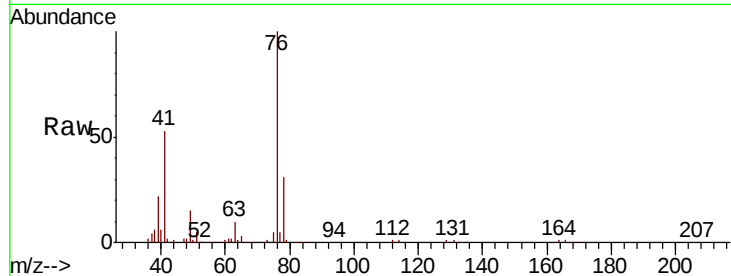




#57
 1,3-Dichloropropane
 Concen: 19.931 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

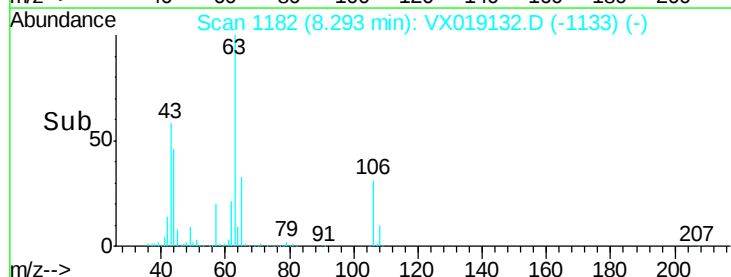
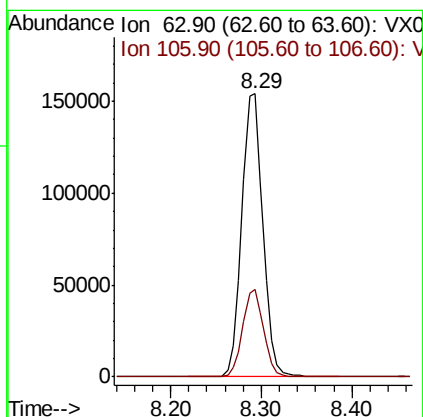
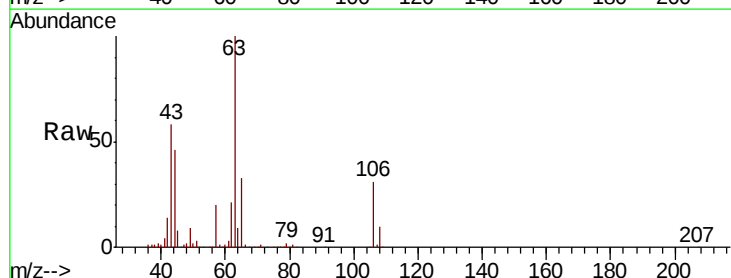
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

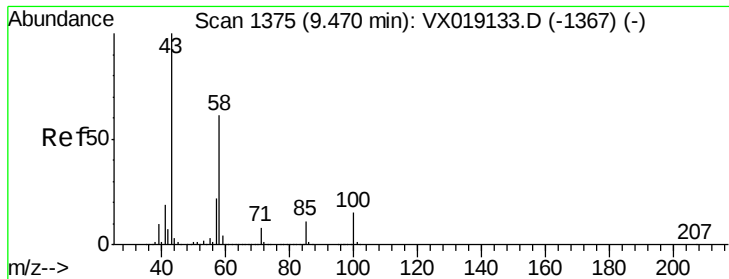
Tot Ion: 76 Resp: 103160
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.798 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion: 63 Resp: 249166
 Ion Ratio Lower Upper
 63 100
 106 30.6 25.1 37.7

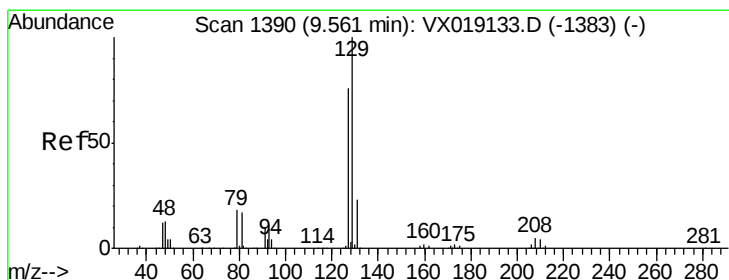
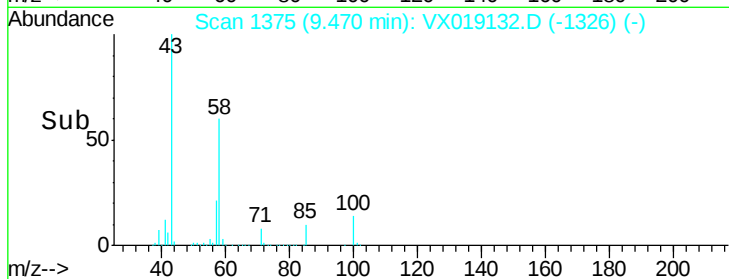
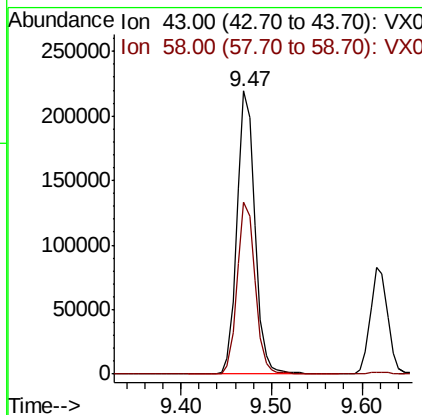
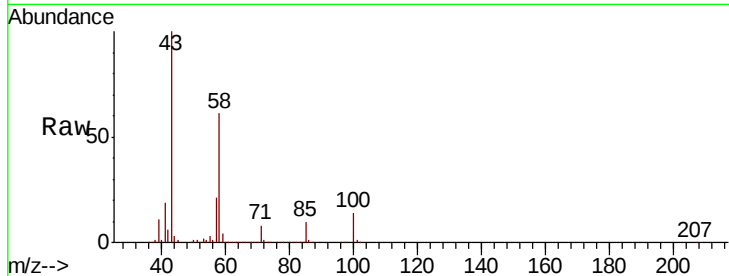




#59
2-Hexanone
Concen: 111.889 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

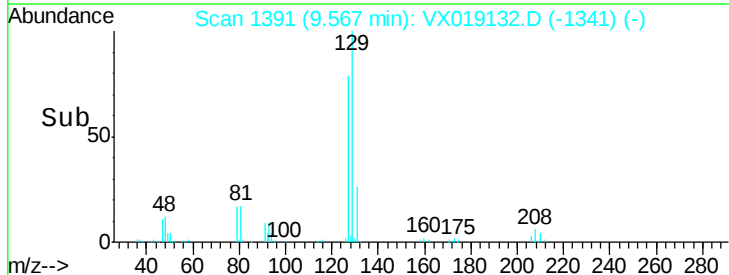
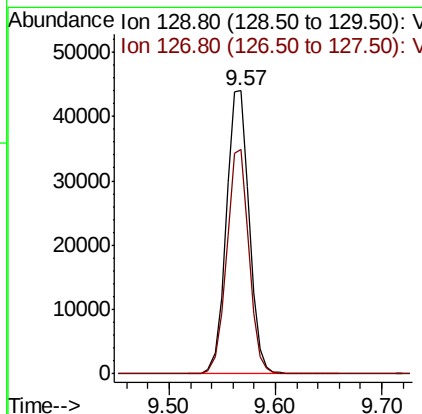
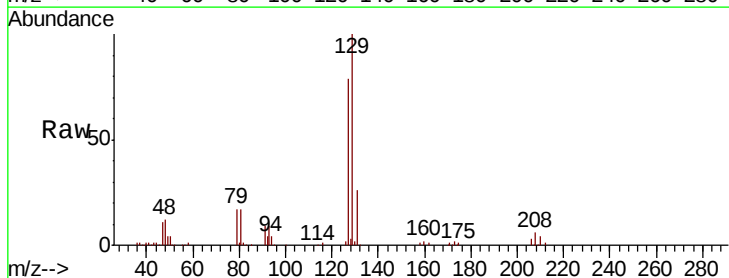
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 300497
Ion Ratio Lower Upper
43 100
58 60.9 30.5 91.5



#60
Dibromochloromethane
Concen: 19.698 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion: 129 Resp: 66371
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.387 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

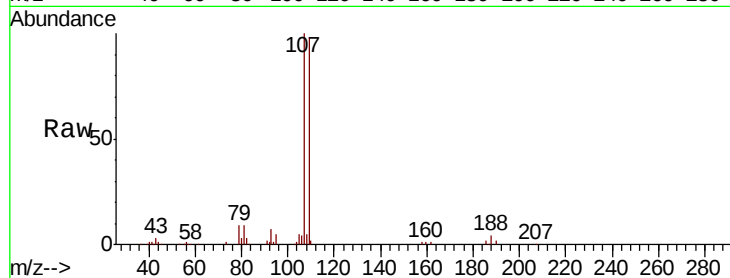
VSTDIC020

Tot Ion:107 Resp: 65026

Ion Ratio Lower Upper

107 100

109 94.6 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

30000

20000

10000

0

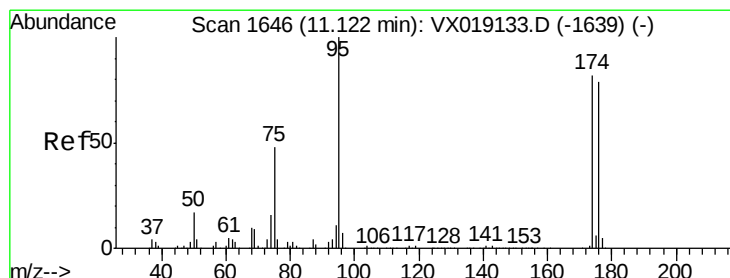
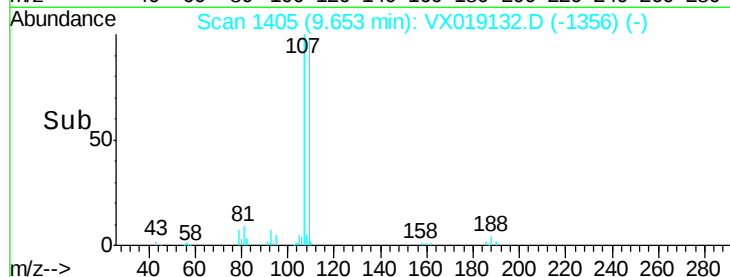
Time-->

9.50

9.60

9.70

9.80



#62

4-Bromofluorobenzene

Concen: 18.947 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

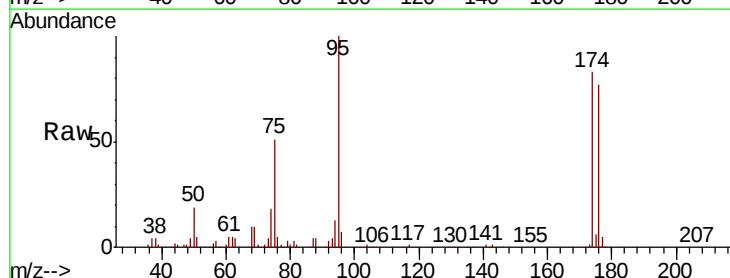
Tgt Ion: 95 Resp: 76457

Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.0

176 73.4 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

60000

40000

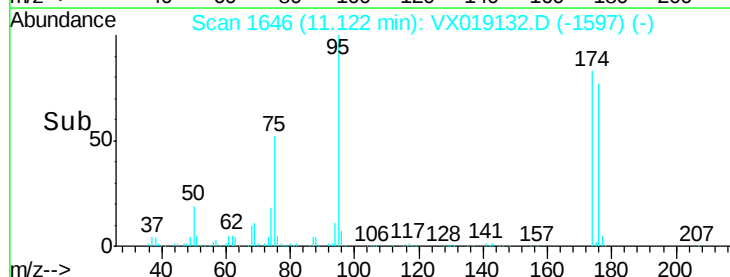
20000

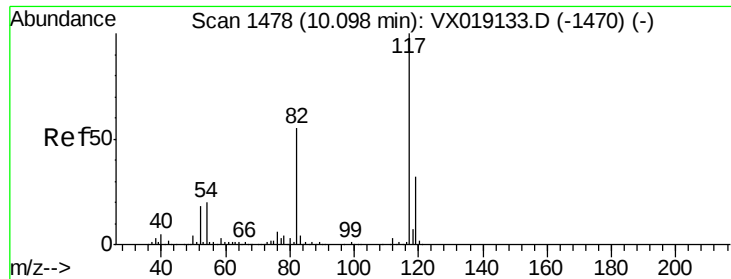
0

Time-->

11.10

11.20

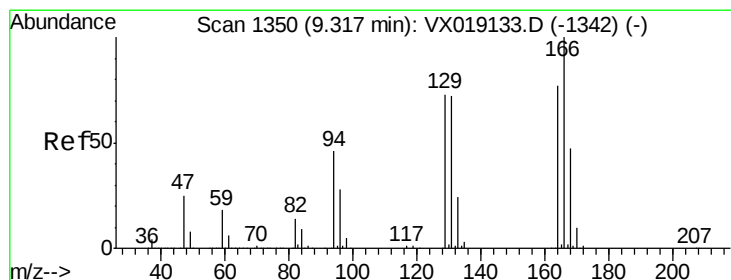
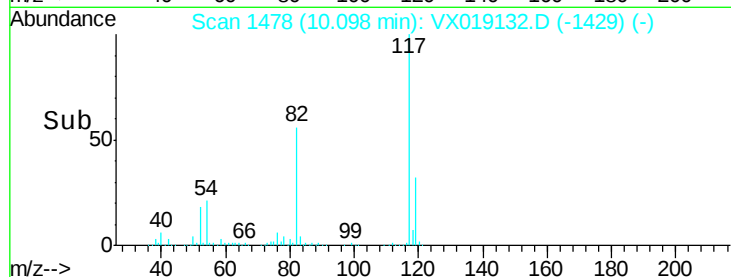
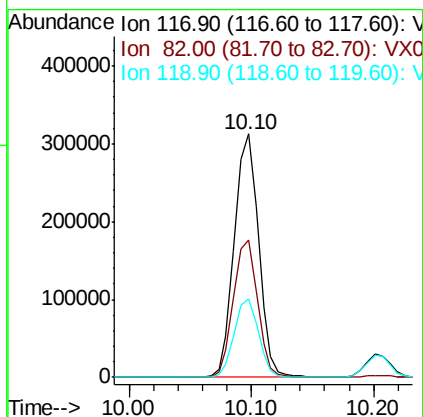
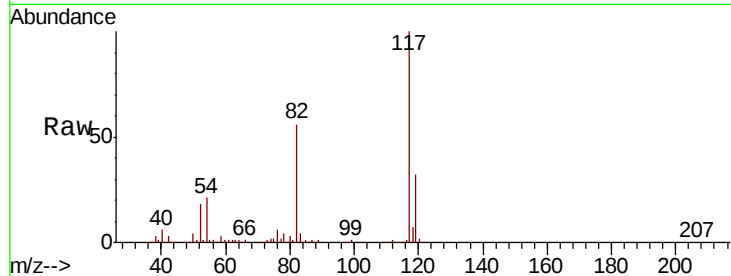




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

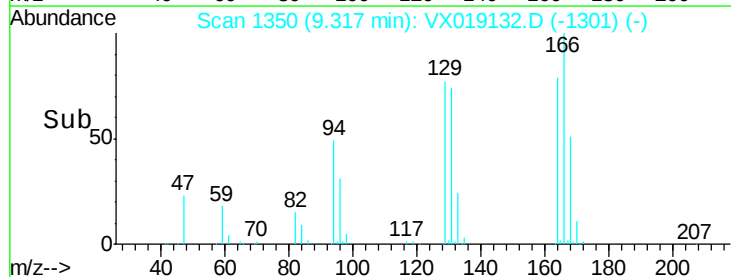
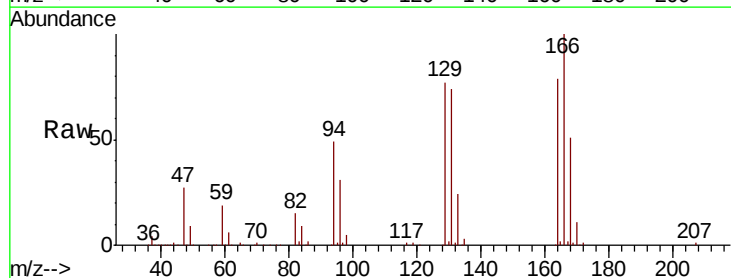
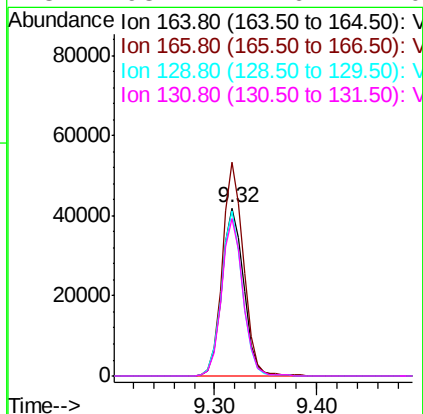
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

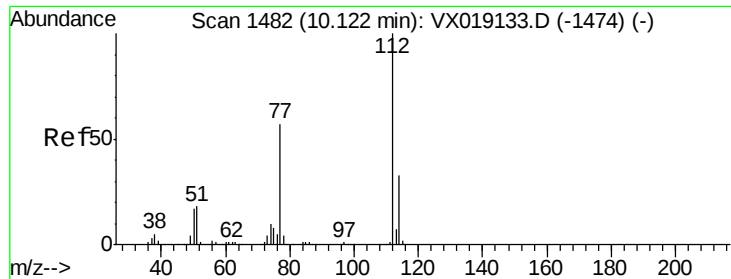
Tot Ion:117 Resp: 429271
Ion Ratio Lower Upper
117 100
82 56.4 43.6 65.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 19.028 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion:164 Resp: 62256
Ion Ratio Lower Upper
164 100
166 127.4 104.1 156.1
129 98.4 76.2 114.4
131 93.7 74.6 112.0

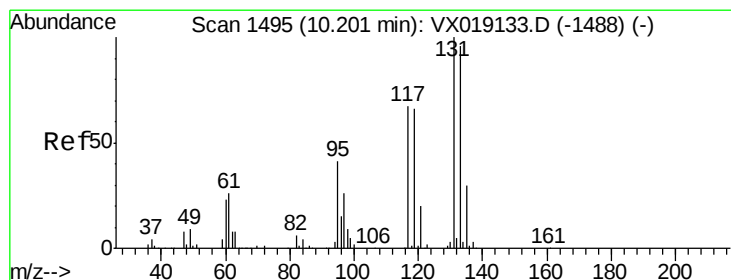
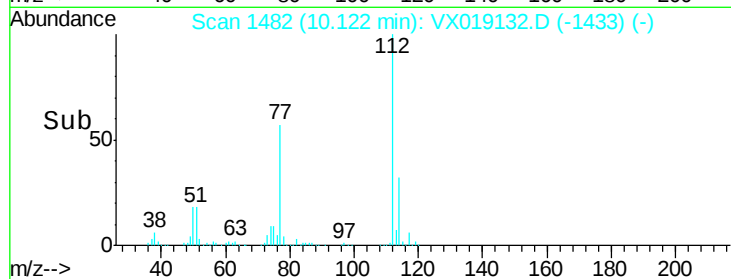
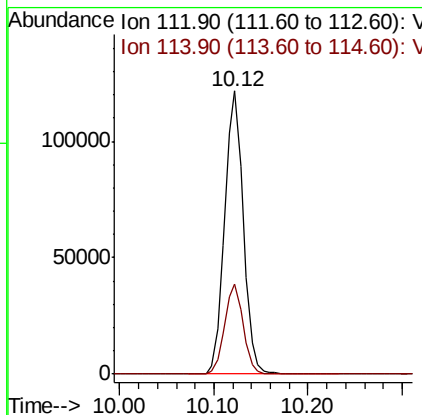
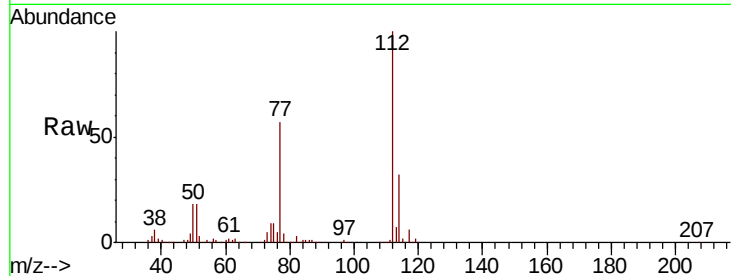




#65
Chlorobenzene
Concen: 19.454 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

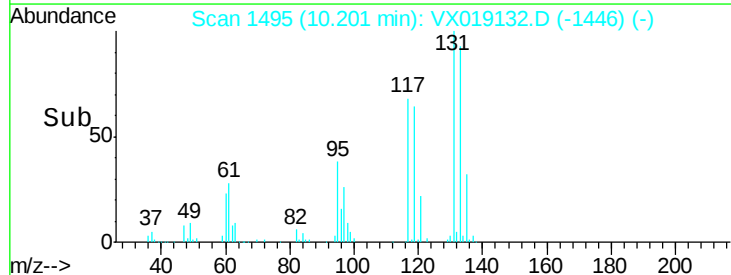
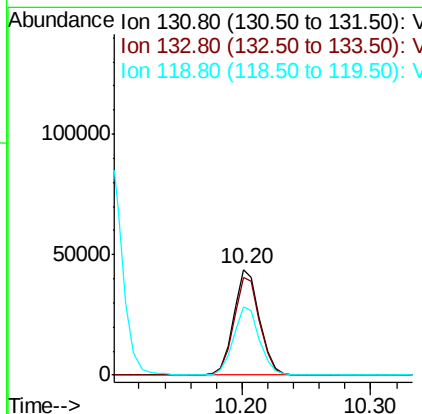
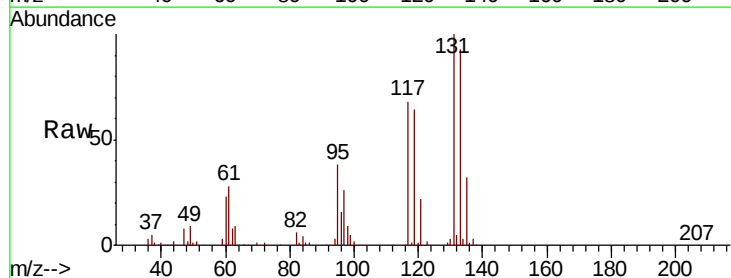
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

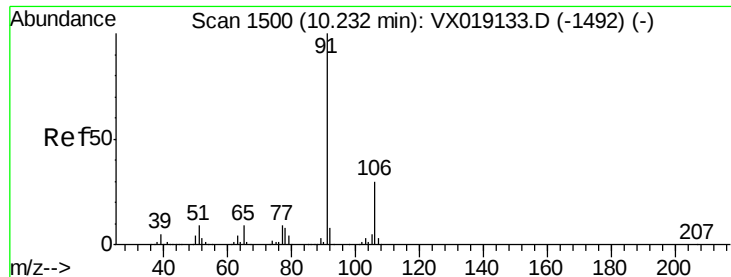
Tot Ion:112 Resp: 166763
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.934 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion:131 Resp: 61115
Ion Ratio Lower Upper
131 100
133 93.1 47.3 141.8
119 64.4 32.3 96.9





#67

Ethyl Benzene

Concen: 19.922 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

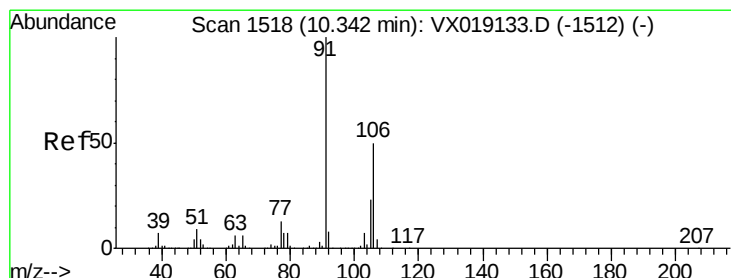
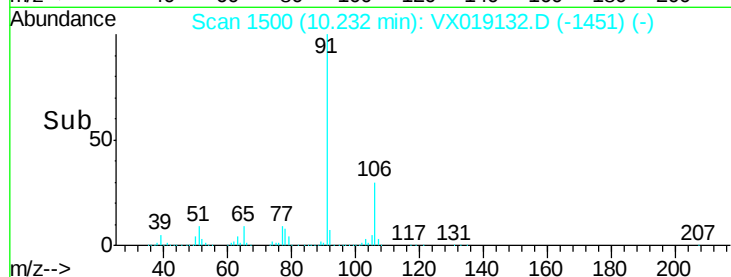
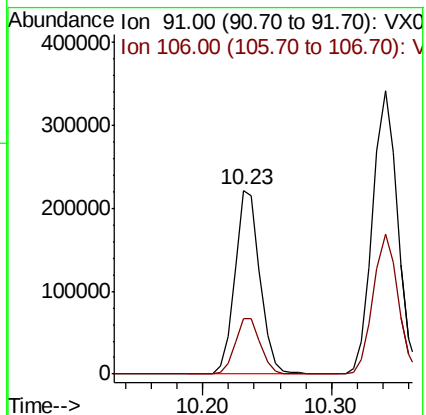
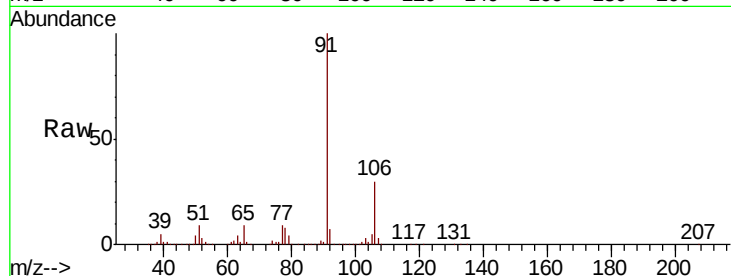
VSTDIC020

Tot Ion: 91 Resp: 298866

Ion Ratio Lower Upper

91 100

106 30.0 24.3 36.5



#68

m/p-Xylenes

Concen: 39.076 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019132.D

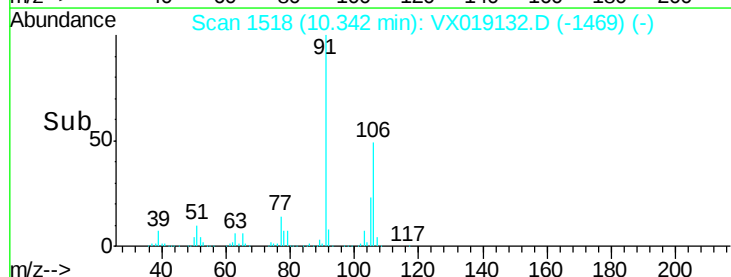
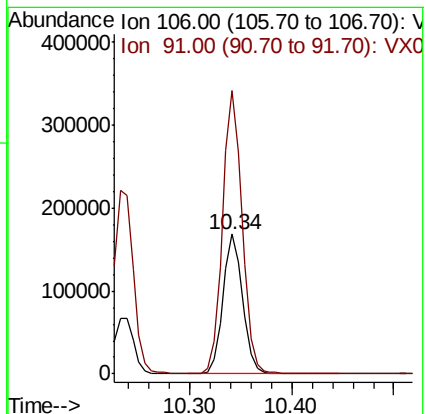
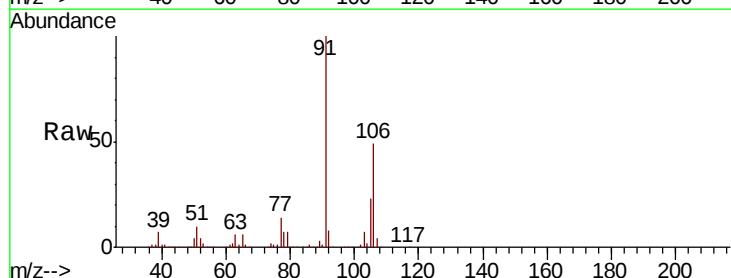
Acq: 27 Oct 2020 12:18

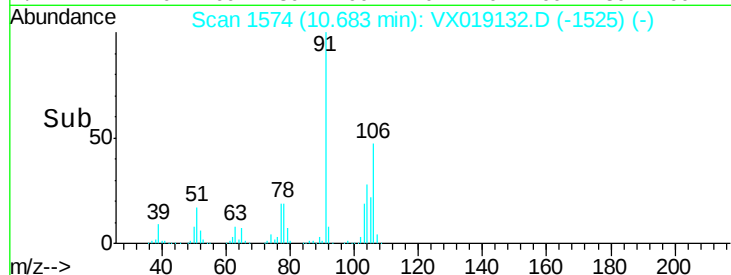
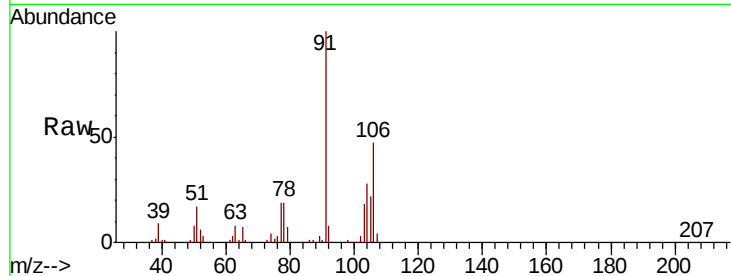
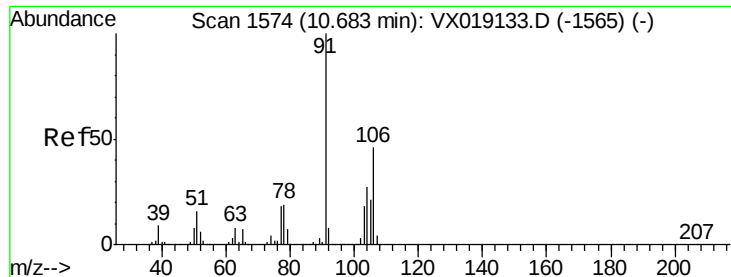
Tgt Ion: 106 Resp: 225291

Ion Ratio Lower Upper

106 100

91 203.0 161.0 241.4

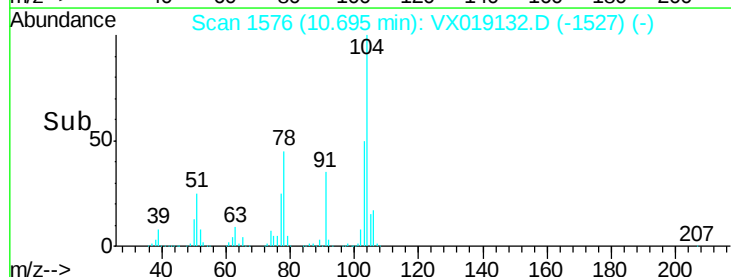
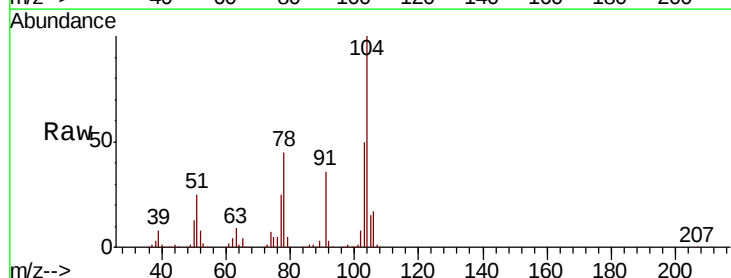
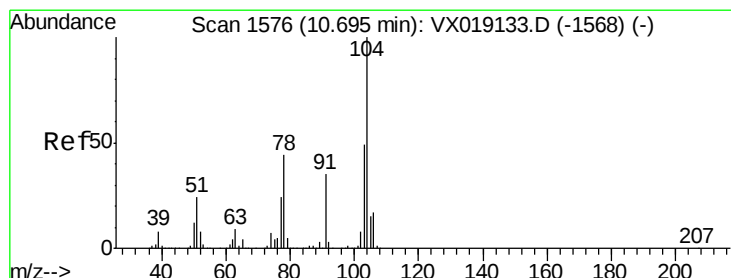
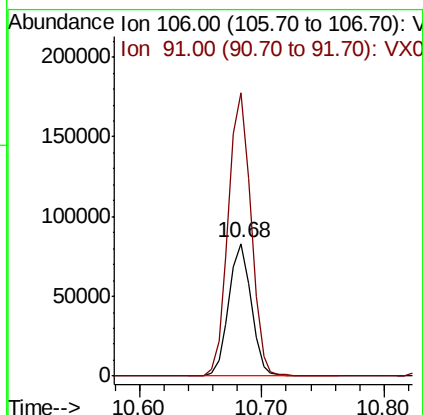




#69
o-Xylene
Concen: 19.071 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

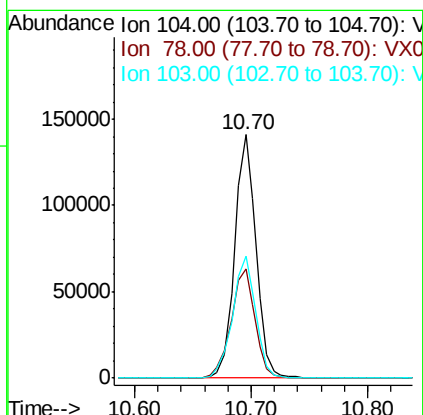
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

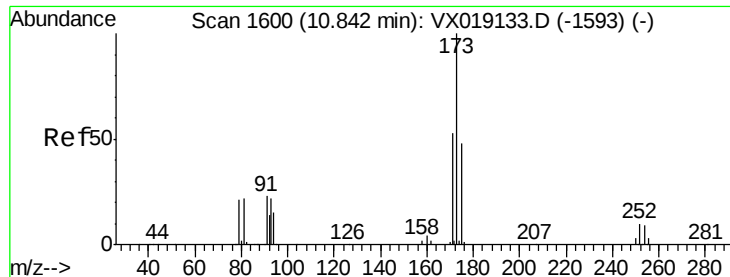
Tot Ion:106 Resp: 105372
Ion Ratio Lower Upper
106 100
91 216.8 108.3 324.8



#70
Styrene
Concen: 19.577 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion:104 Resp: 180220
Ion Ratio Lower Upper
104 100
78 50.3 40.0 60.0
103 54.3 43.5 65.3





#71

Bromoform

Concen: 19.329 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

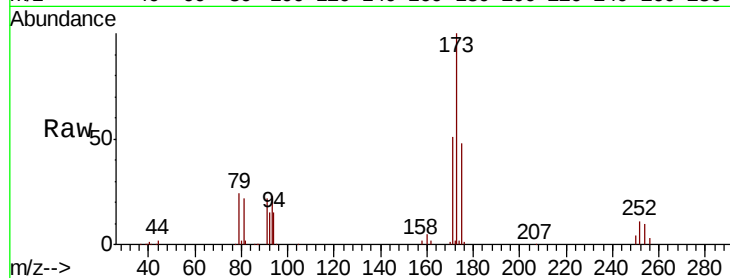
Tot Ion:173 Resp: 46672

Ion Ratio Lower Upper

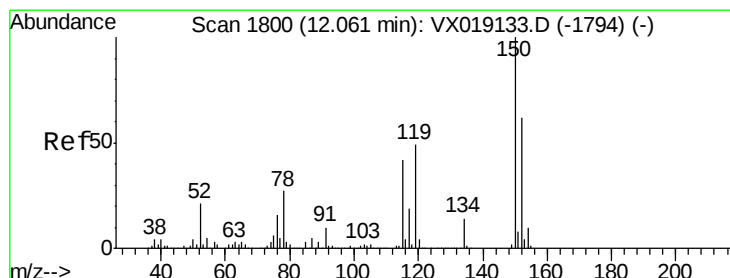
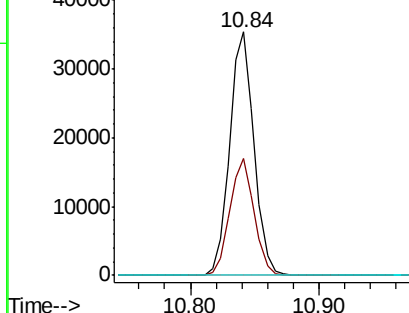
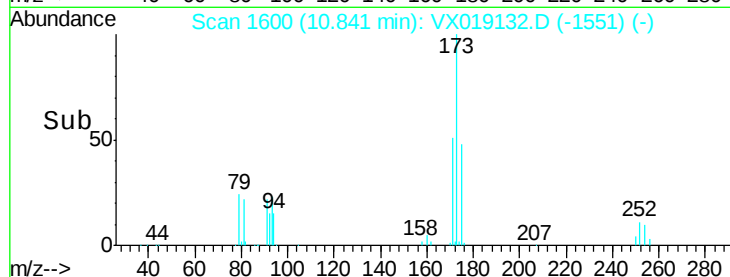
173 100

175 48.0 24.4 73.4

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: VX019132.D

Acq: 27 Oct 2020 12:18

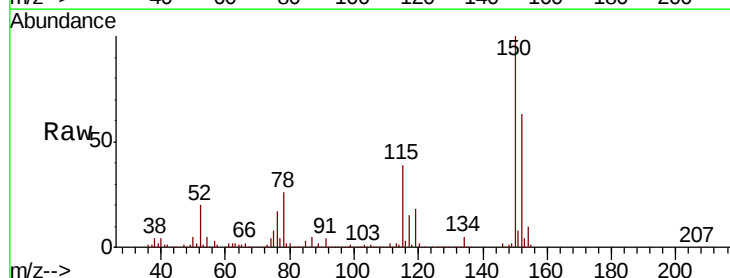
Tgt Ion:152 Resp: 213309

Ion Ratio Lower Upper

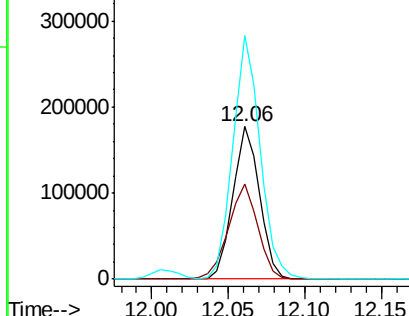
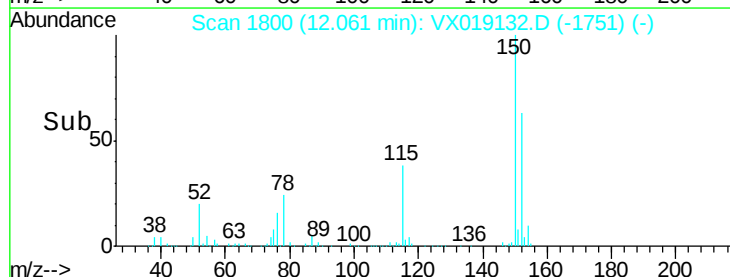
152 100

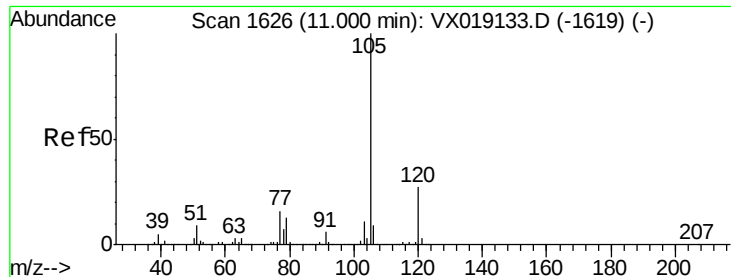
115 69.1 41.9 125.7

150 164.0 0.0 347.8



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: 20.421 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampled :

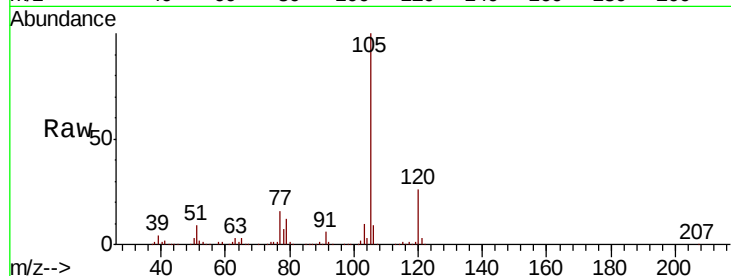
VSTDIC020

Tot Ion:105 Resp: 292793

Ion Ratio Lower Upper

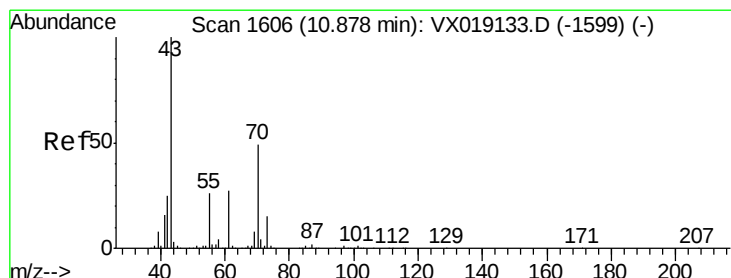
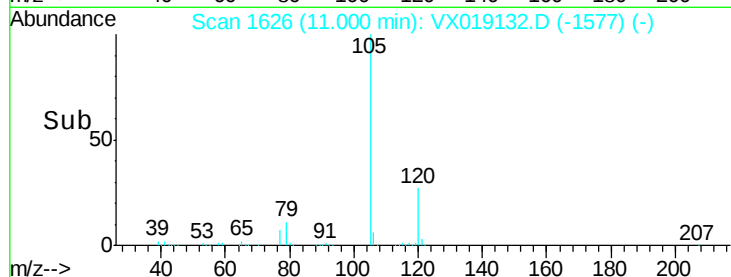
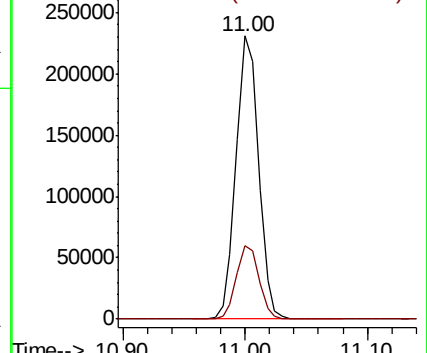
105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.475 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Tgt Ion: 43 Resp: 104486

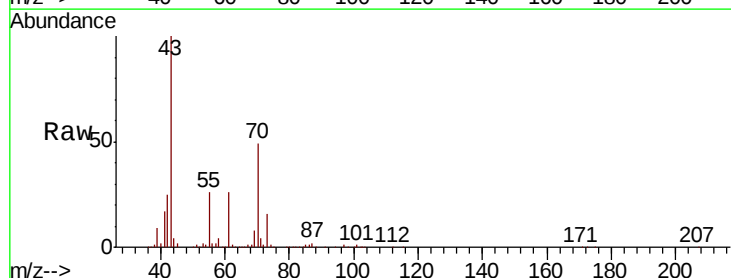
Ion Ratio Lower Upper

43 100

70 50.9 39.6 59.4

55 26.4 20.7 31.1

61 26.8 21.9 32.9

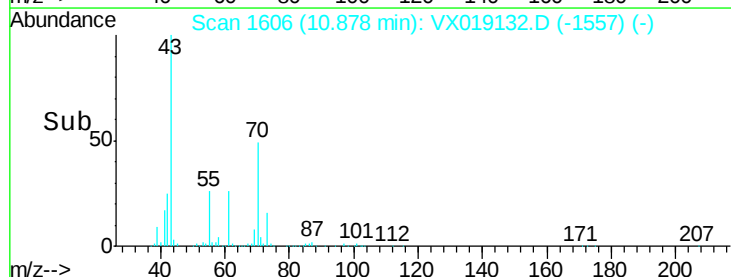
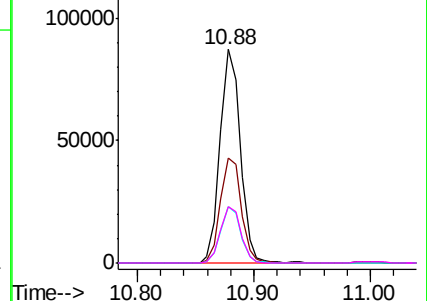


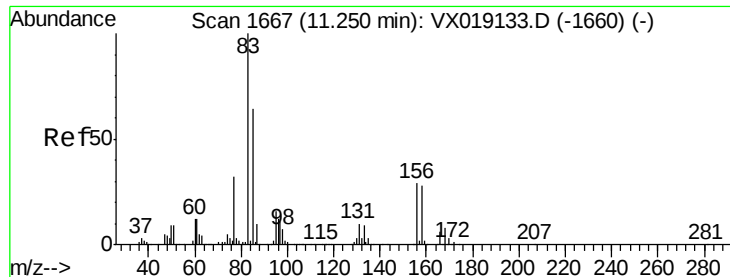
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.284 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

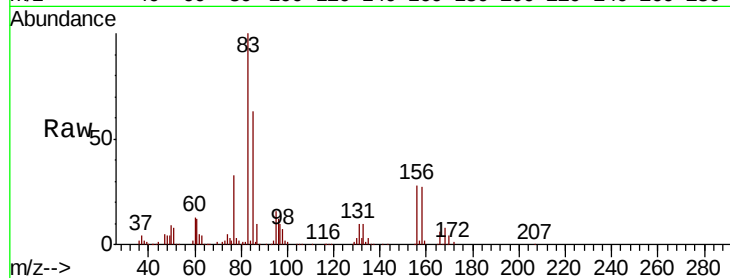
Tot Ion: 83 Resp: 90836

Ion Ratio Lower Upper

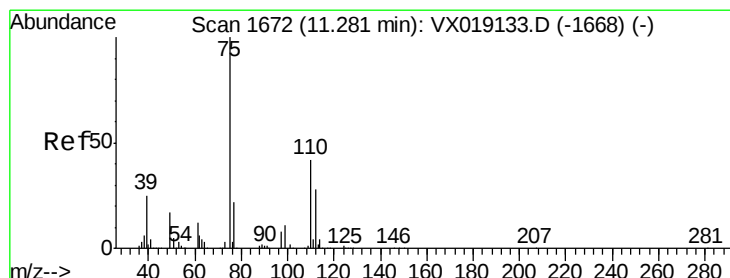
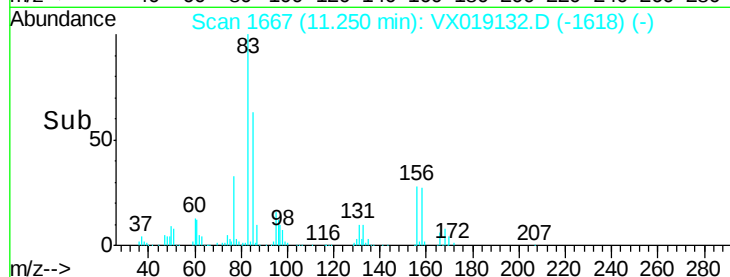
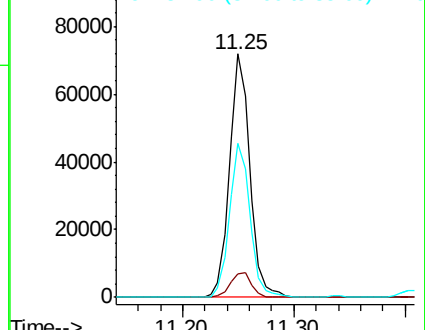
83 100

131 10.5 5.2 15.6

85 64.0 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.310 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019132.D

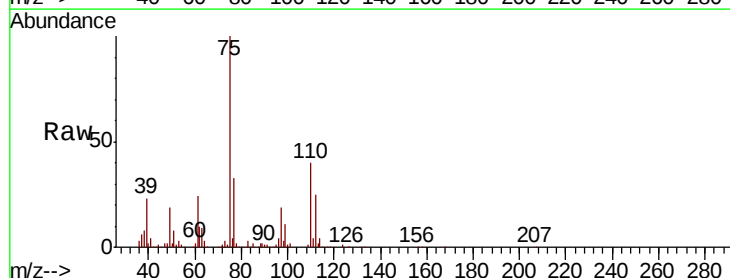
Acq: 27 Oct 2020 12:18

Tgt Ion: 75 Resp: 108868

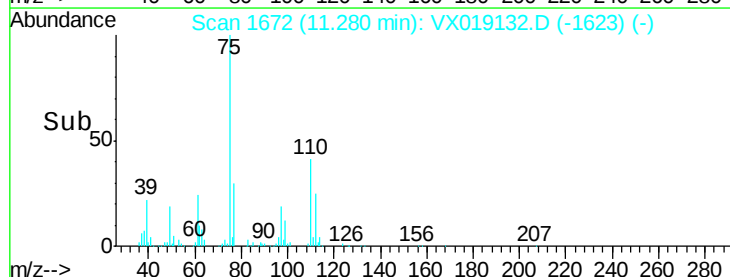
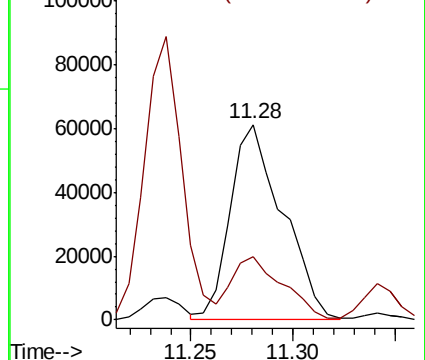
Ion Ratio Lower Upper

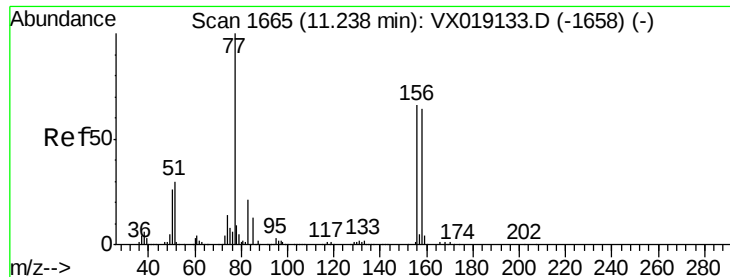
75 100

77 31.7 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.780 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

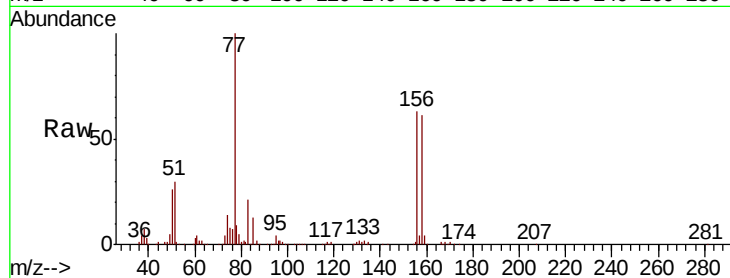
Tot Ion:156 Resp: 71023

Ion Ratio Lower Upper

156 100

77 160.3 77.7 233.1

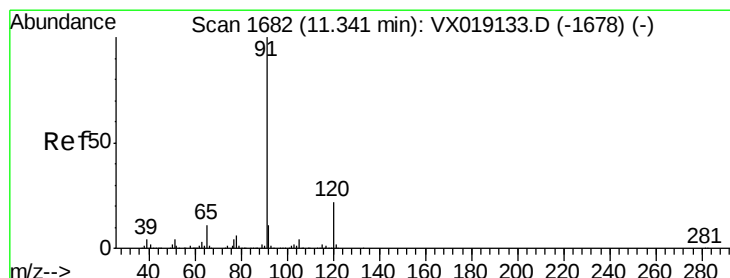
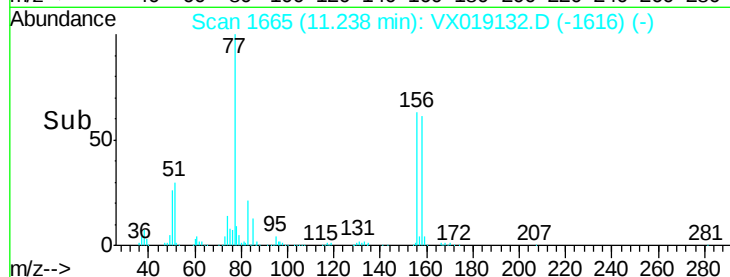
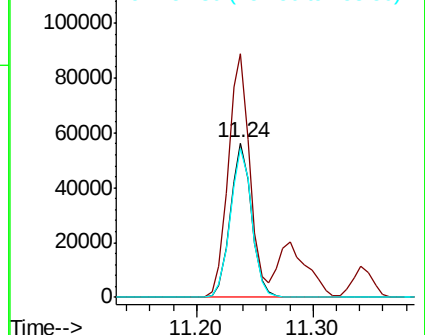
158 97.9 48.3 144.8



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: 20.526 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019132.D

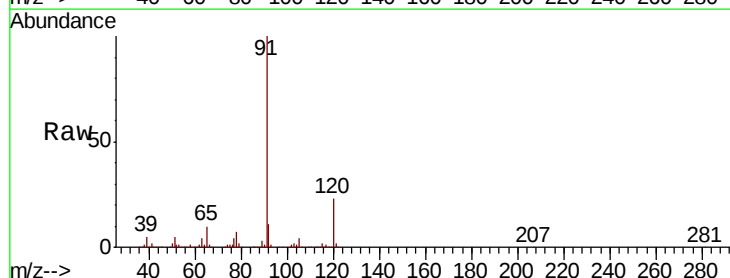
Acq: 27 Oct 2020 12:18

Tgt Ion: 91 Resp: 330269

Ion Ratio Lower Upper

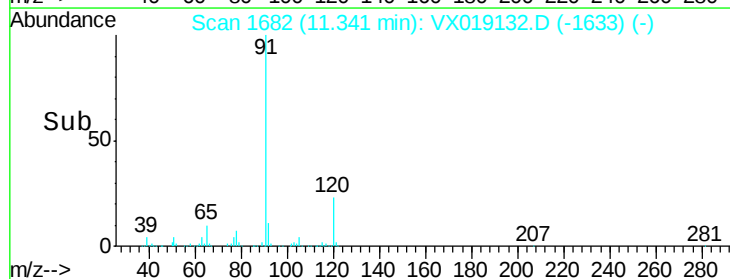
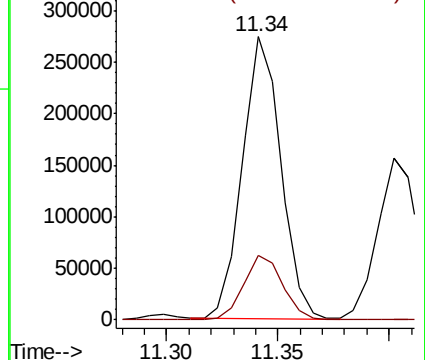
91 100

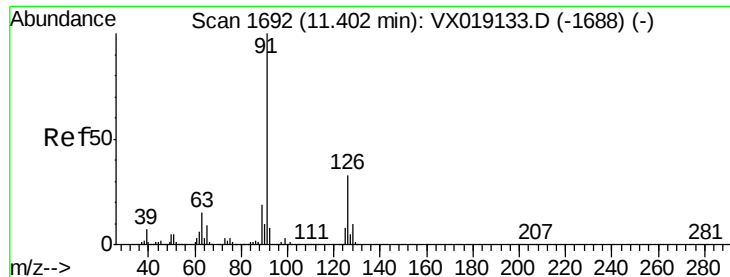
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

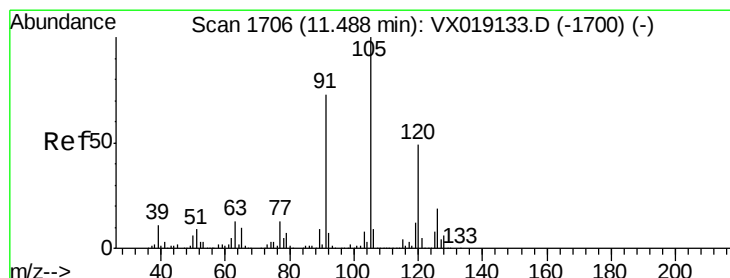
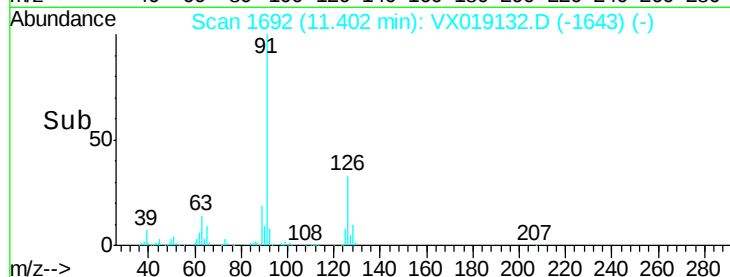
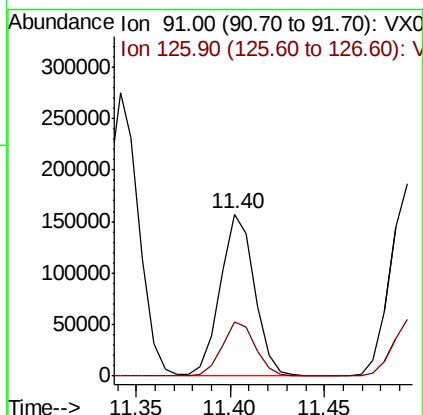
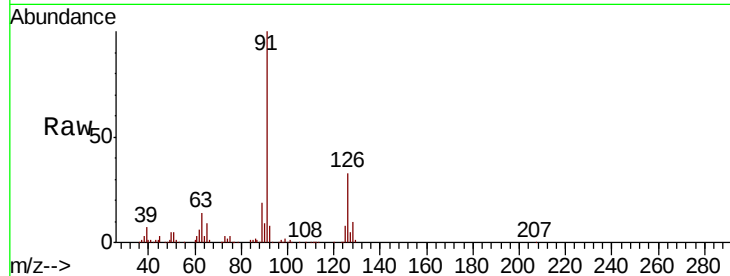




#79
 2-Chlorotoluene
 Concen: 20.635 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

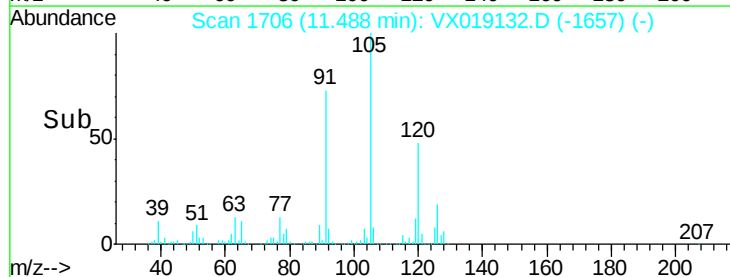
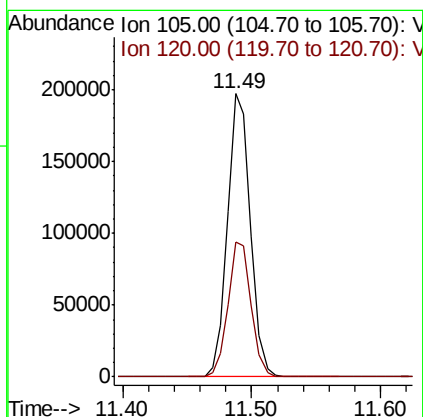
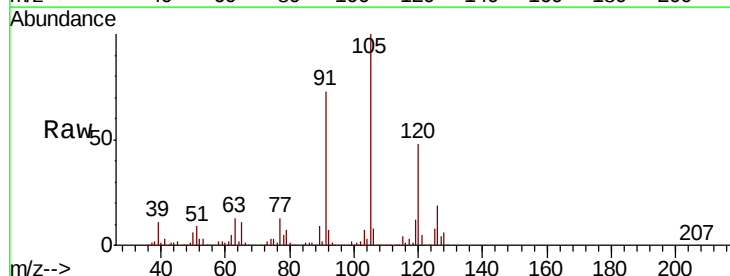
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

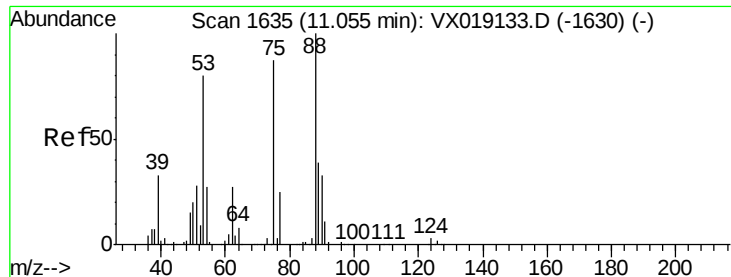
Tot Ion: 91 Resp: 195218
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.798 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion: 105 Resp: 246084
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.143 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

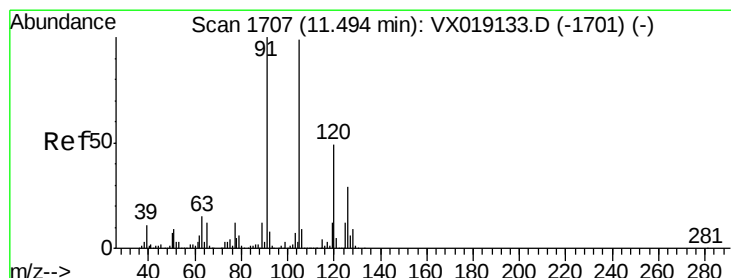
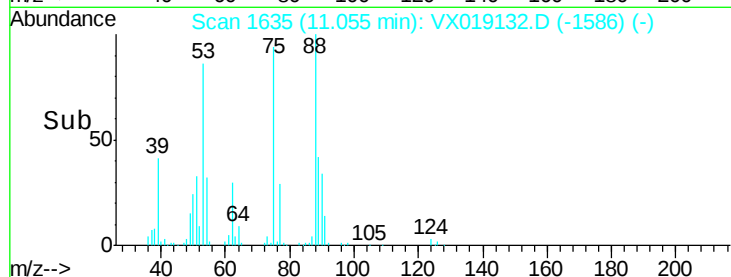
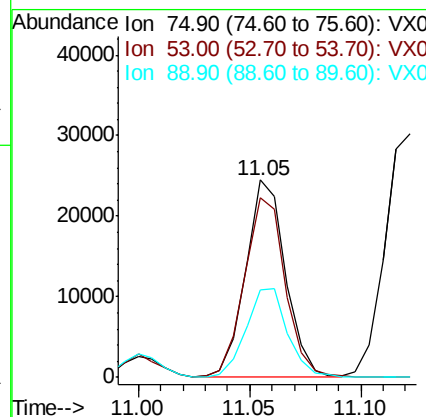
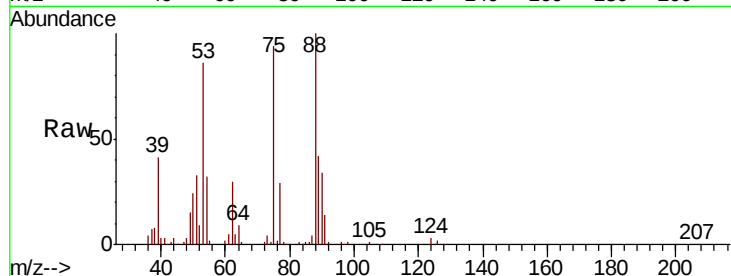
Tot Ion: 75 Resp: 30382

Ion Ratio Lower Upper

75 100

53 94.5 73.3 109.9

89 47.4 38.2 57.2



#82

4-Chlorotoluene

Concen: 20.794 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019132.D

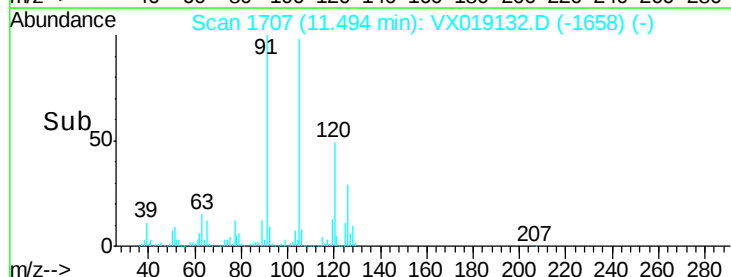
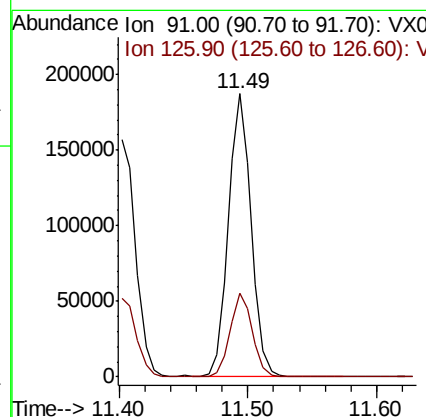
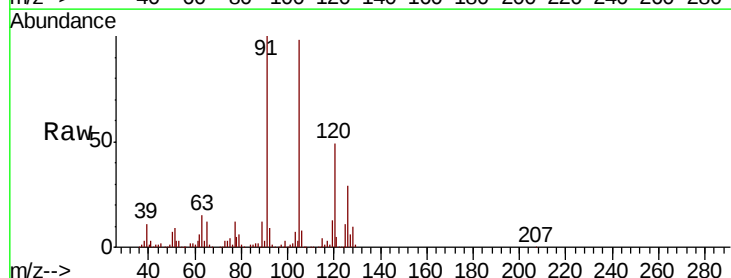
Acq: 27 Oct 2020 12:18

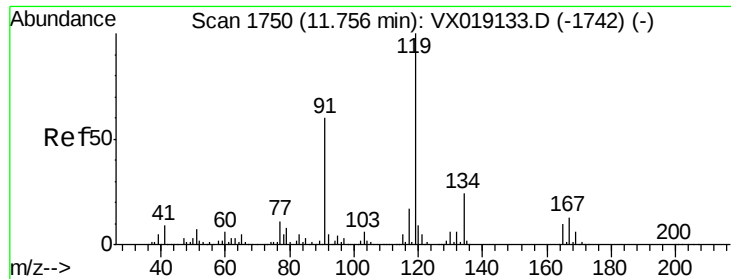
Tgt Ion: 91 Resp: 232928

Ion Ratio Lower Upper

91 100

126 29.1 14.8 44.4

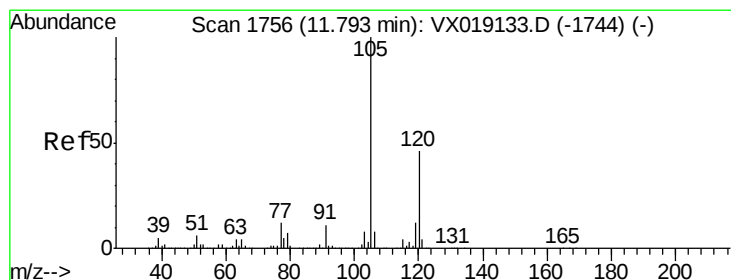
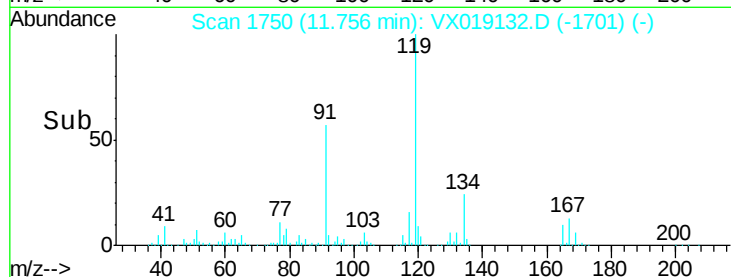
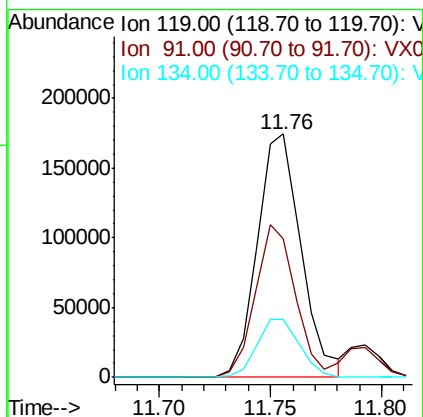
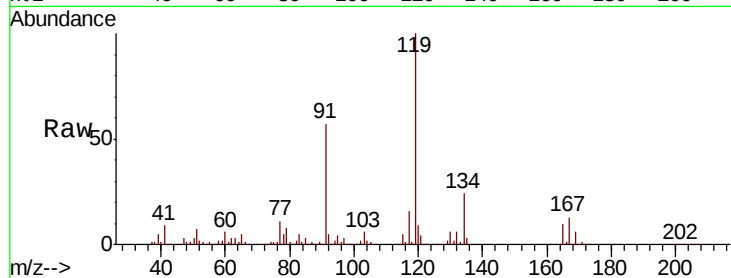




#83
 tert-Butylbenzene
 Concen: 20.649 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

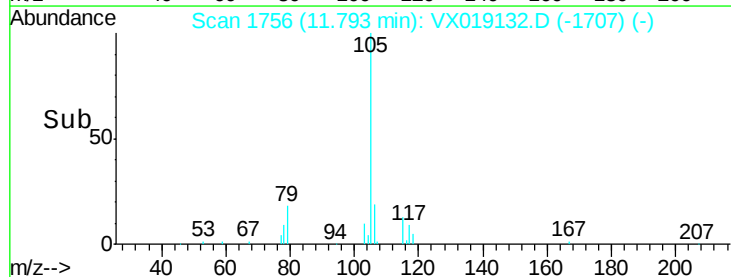
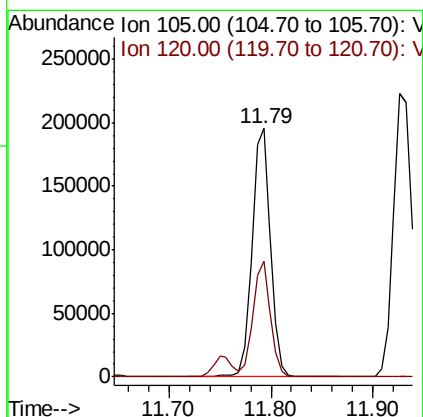
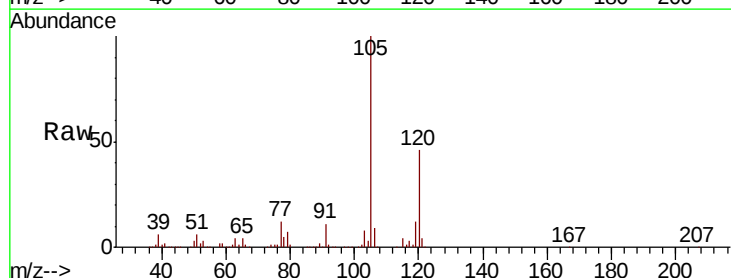
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

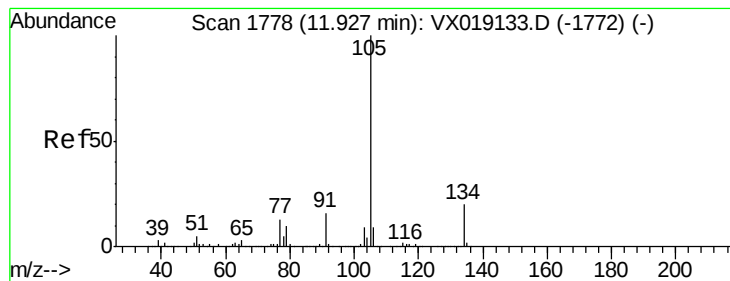
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	29.0	87.1
134	23.2	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.652 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.4	67.3





#85

sec-Butylbenzene

Concen: 20.282 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

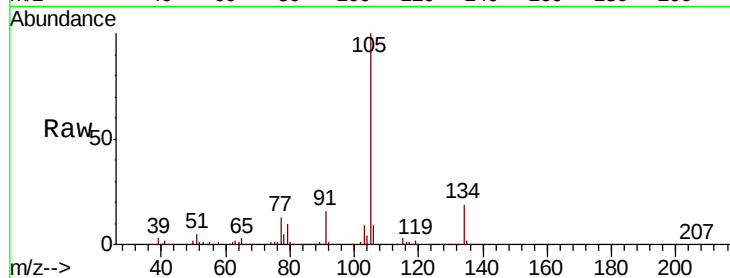
VSTDIC020

Tot Ion:105 Resp: 281423

Ion Ratio Lower Upper

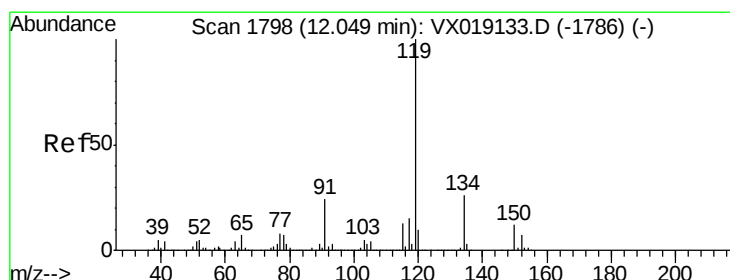
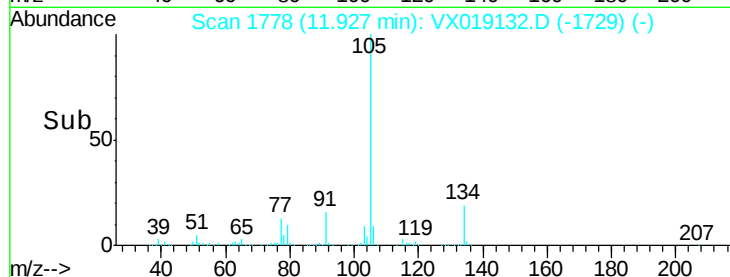
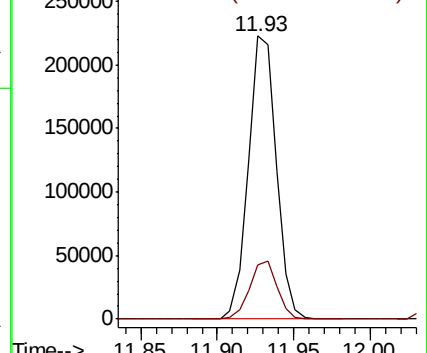
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.435 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

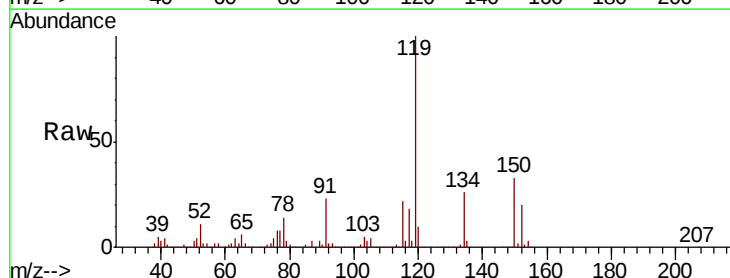
Tgt Ion:119 Resp: 262498

Ion Ratio Lower Upper

119 100

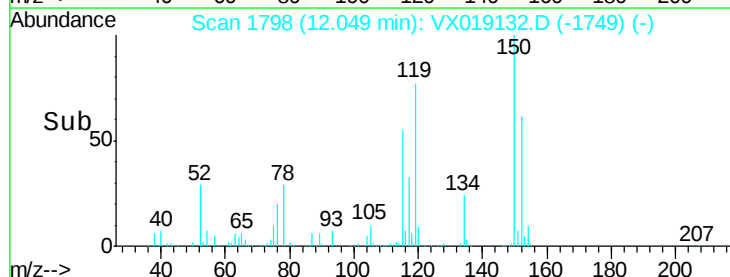
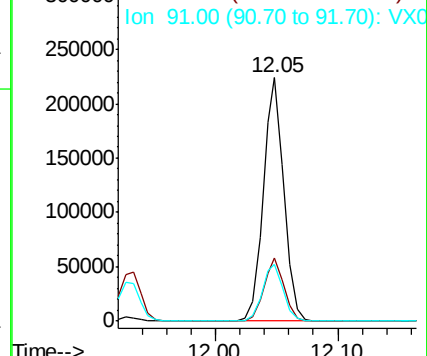
134 25.6 12.9 38.7

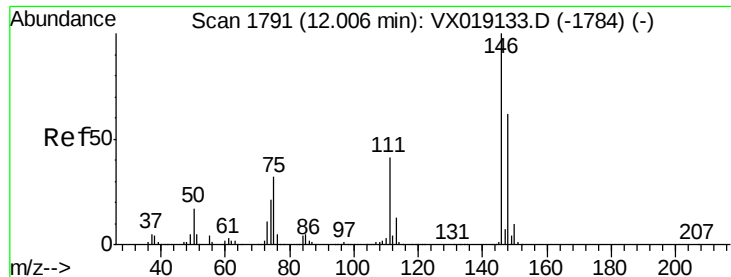
91 24.0 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V





#87

1,3-Dichlorobenzene

Concen: 19.322 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

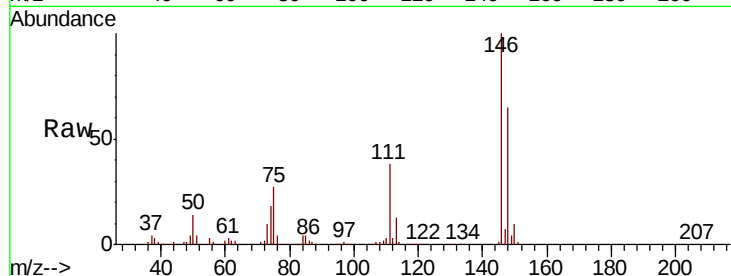
Tot Ion:146 Resp: 128383

Ion Ratio Lower Upper

146 100

111 41.0 20.4 61.2

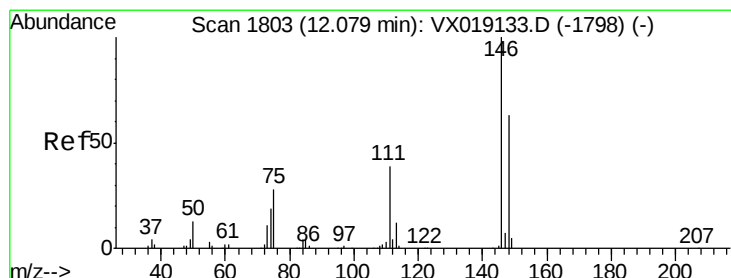
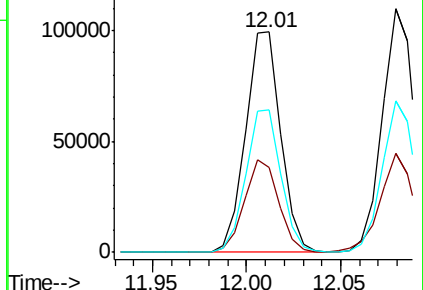
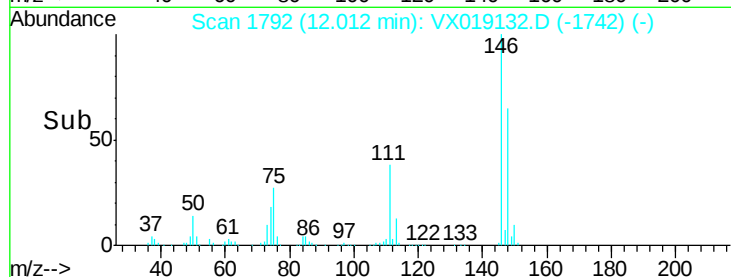
148 64.6 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.136 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

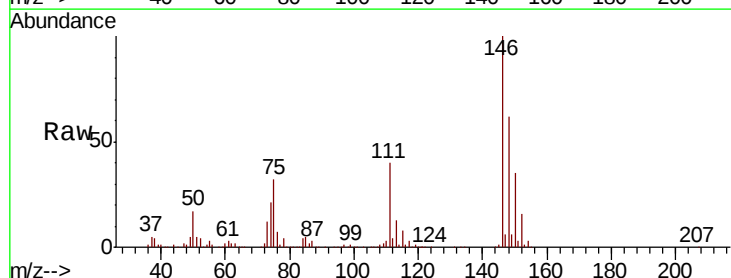
Tgt Ion:146 Resp: 132493

Ion Ratio Lower Upper

146 100

111 41.2 20.2 60.5

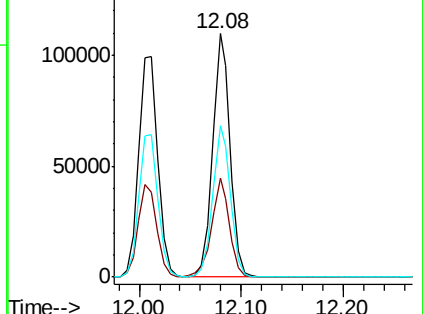
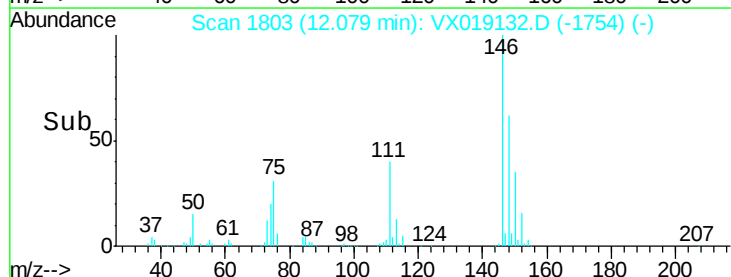
148 63.5 31.3 93.8

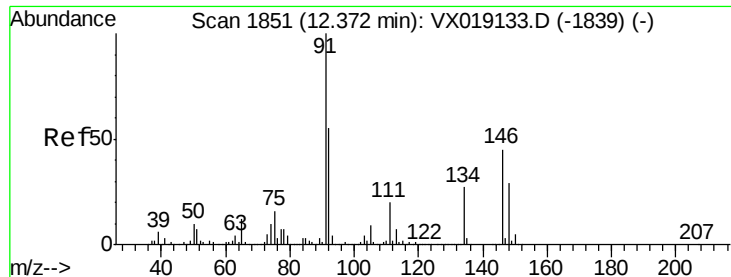


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.599 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

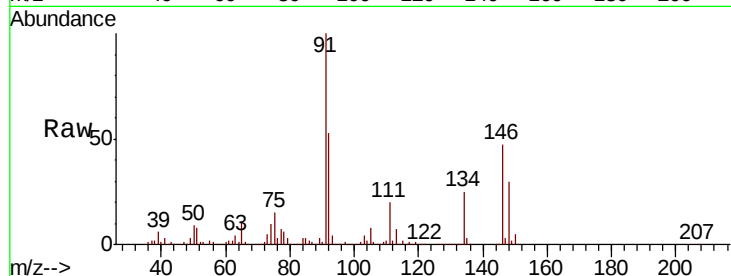
Tot Ion: 91 Resp: 241219

Ion Ratio Lower Upper

91 100

92 53.2 27.5 82.4

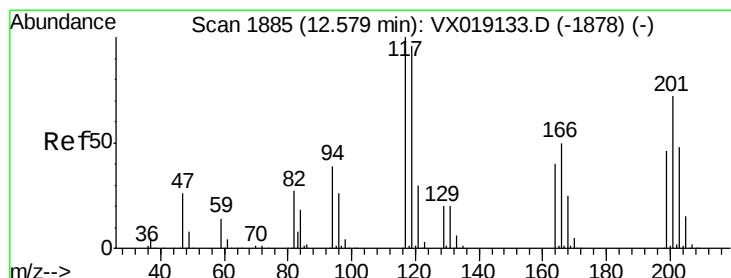
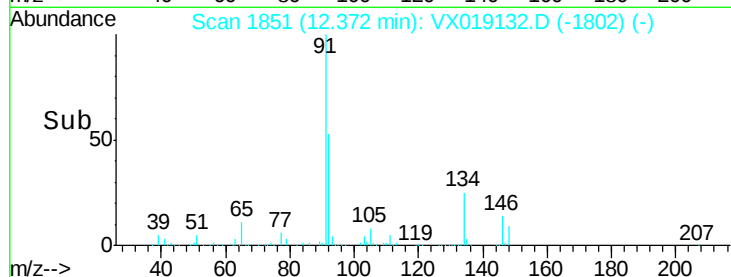
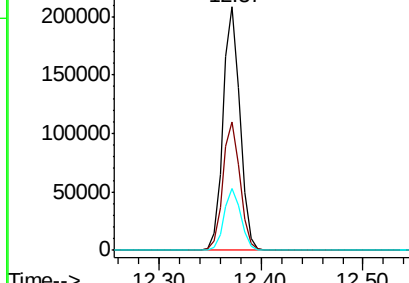
134 25.2 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1839) (-)

Ion 92.00 (91.70 to 92.70): VX019133.D (-1839) (-)

Ion 134.00 (133.70 to 134.70): VX019133.D (-1839) (-)



#90

Hexachloroethane

Concen: 19.964 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019132.D

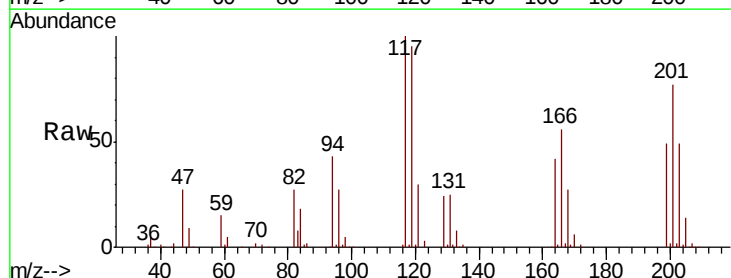
Acq: 27 Oct 2020 12:18

Tgt Ion: 117 Resp: 42904

Ion Ratio Lower Upper

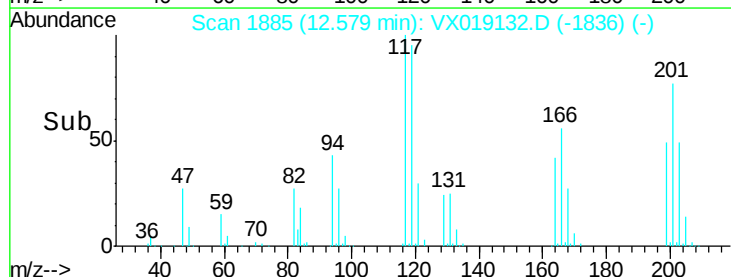
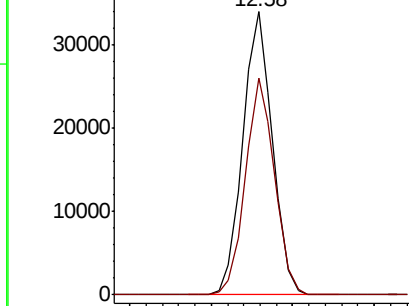
117 100

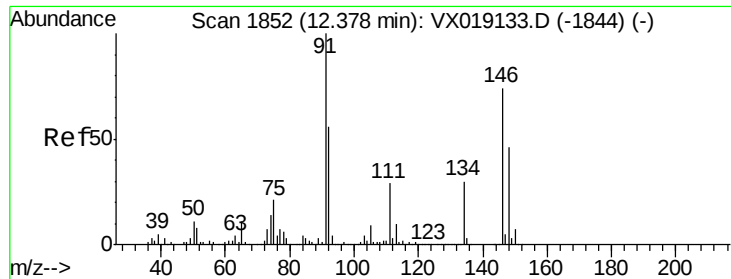
201 75.8 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): VX019133.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX019133.D (-1878) (-)





#91

1,2-Dichlorobenzene

Concen: 19.418 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

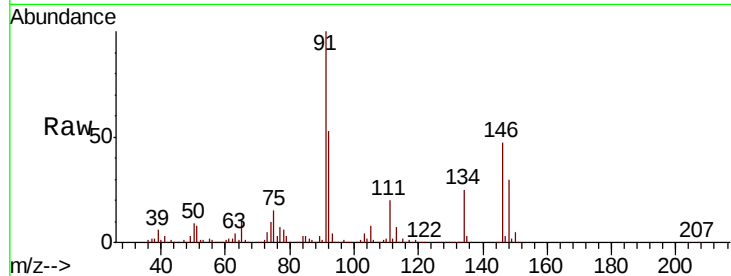
Tot Ion:146 Resp: 126351

Ion Ratio Lower Upper

146 100

111 42.2 21.2 63.6

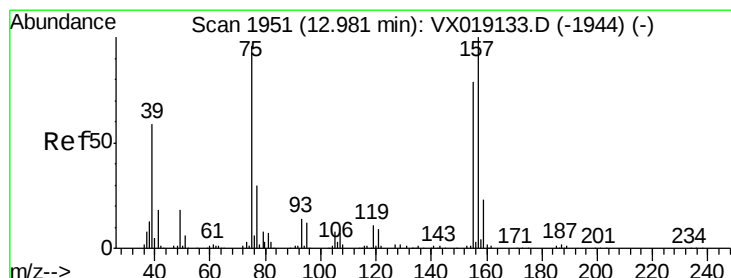
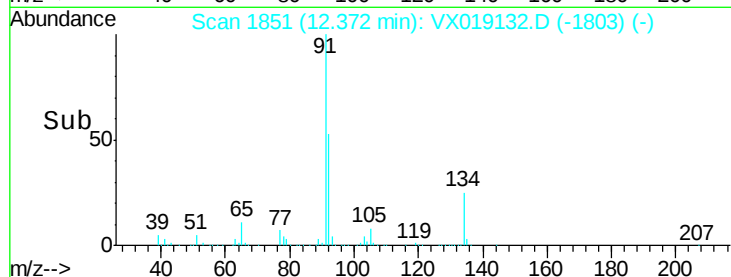
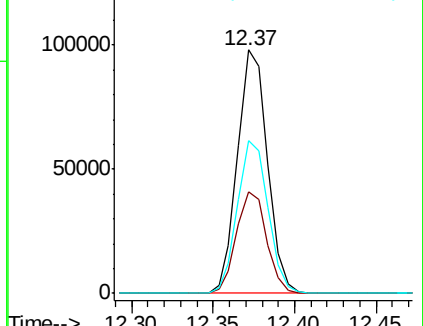
148 64.0 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.583 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

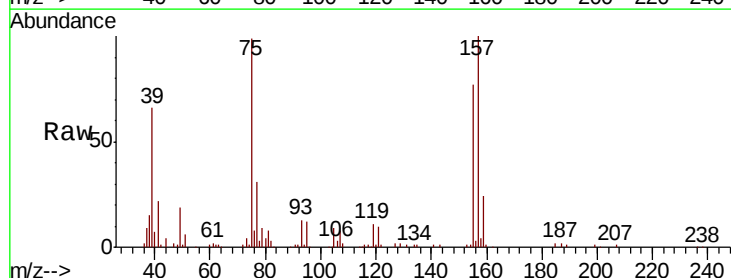
Tgt Ion: 75 Resp: 21345

Ion Ratio Lower Upper

75 100

155 84.2 42.8 128.4

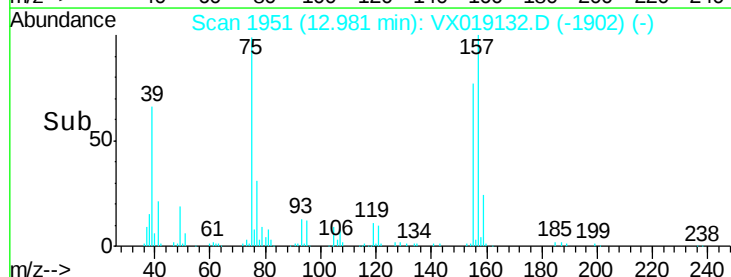
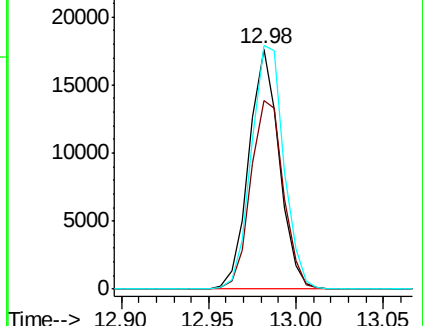
157 108.1 54.8 164.4

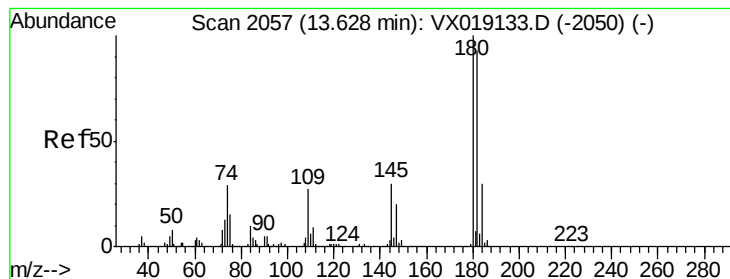


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.468 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

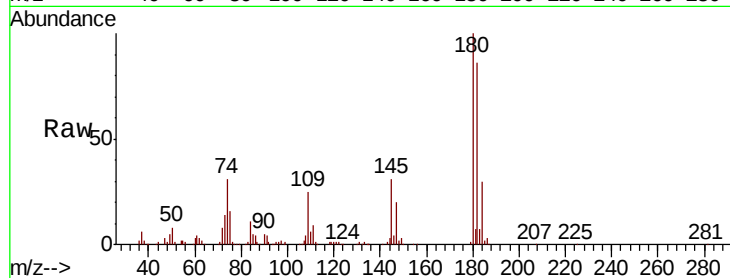
Tot Ion:180 Resp: 88300

Ion Ratio Lower Upper

180 100

182 93.0 46.8 140.3

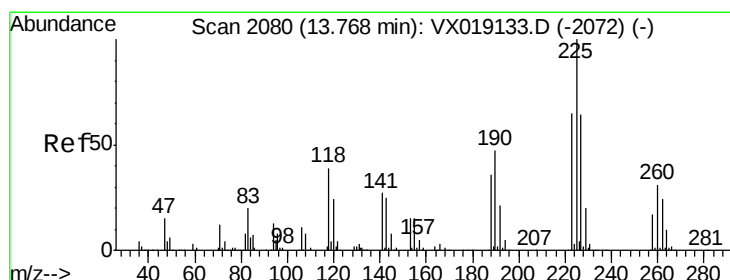
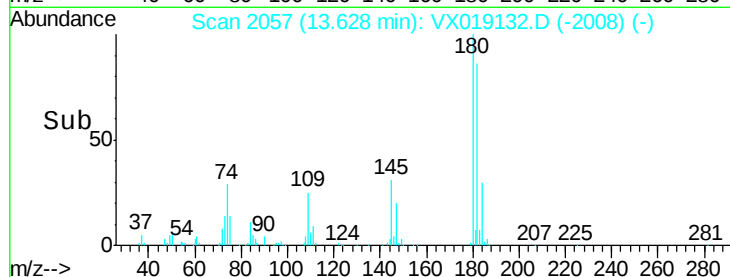
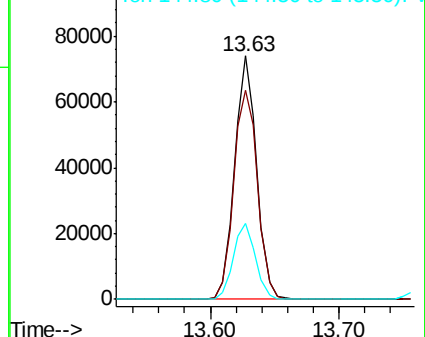
145 31.7 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.234 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

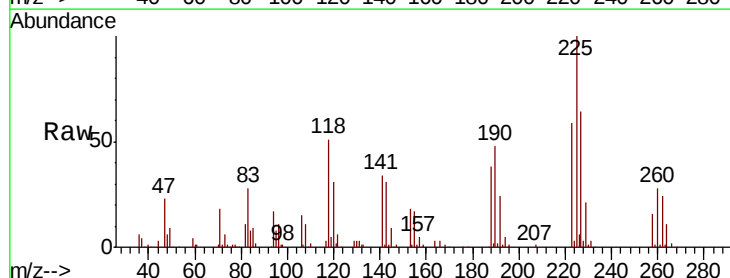
Tgt Ion:225 Resp: 38759

Ion Ratio Lower Upper

225 100

223 61.7 32.4 97.2

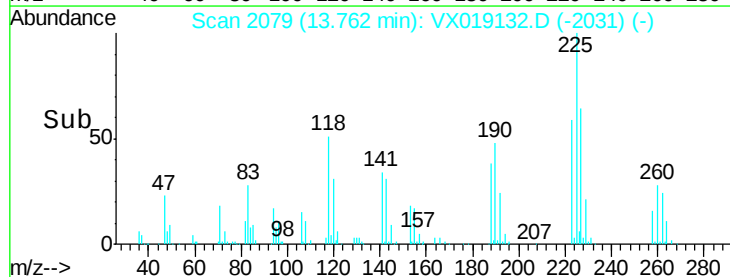
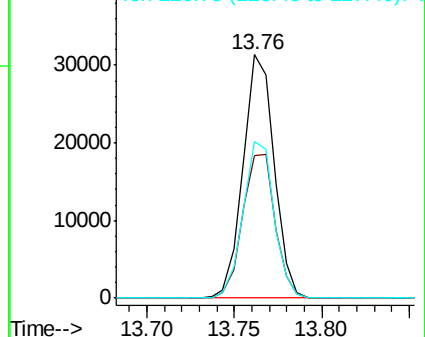
227 64.1 31.6 94.7

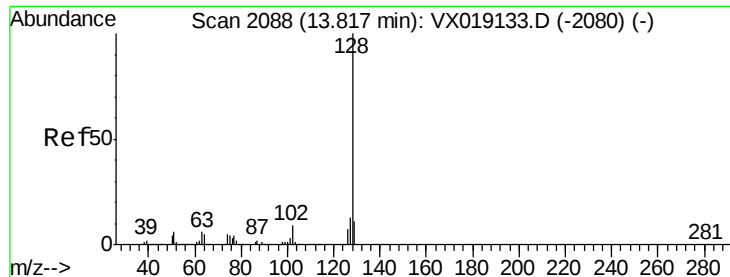


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.190 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

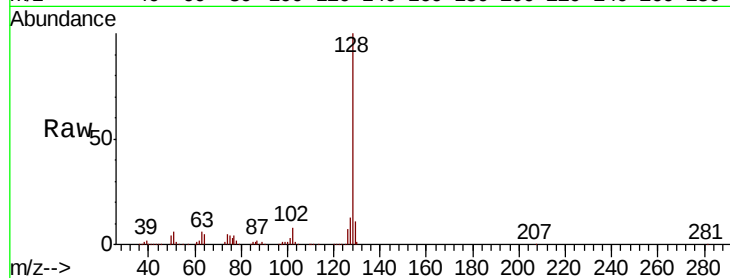
MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:128 Resp: 288387

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.7	8.6	13.0

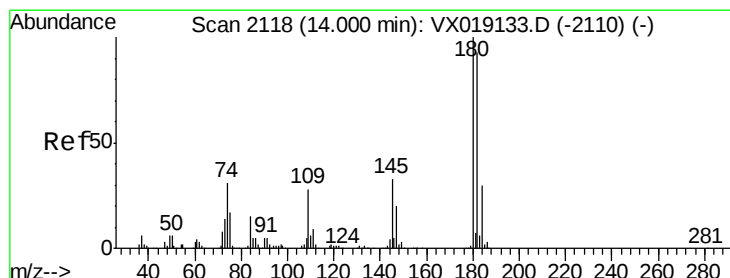
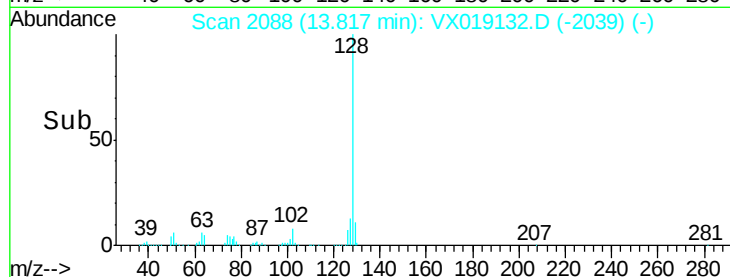
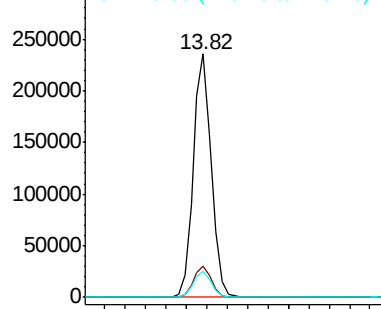


Abundance

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: 19.202 ug/l

RT: 14.00 min Scan# 2118

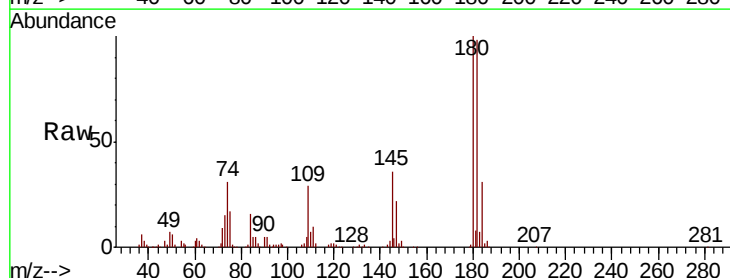
Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Tgt Ion:180 Resp: 85449

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.3
145	33.9	16.5	49.5



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

