

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019489.D
 Acq On : 20 Nov 2020 10:07
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 21 01:39:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	259279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	429046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	379511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178322	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	19629	5.84	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	11.68%#	
35) Dibromofluoromethane		5.46	113	14147	5.25	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	10.50%#	
50) Toluene-d8		8.70	98	57109	5.46	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	10.92%#	
62) 4-Bromofluorobenzene		11.12	95	18421	4.89	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	9.78%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	11891	4.716	ug/l	96
3) Chloromethane	1.31	50	14535	5.024	ug/l	98
4) Vinyl Chloride	1.39	62	15641	5.022	ug/l	96
5) Bromomethane	1.62	94	6402	5.427	ug/l	99
6) Chloroethane	1.69	64	4437	5.149	ug/l	93
7) Trichlorofluoromethane	1.90	101	23460	5.219	ug/l	96
8) Diethyl Ether	2.17	74	9610	5.338	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	13100	5.223	ug/l	97
10) Methyl Iodide	2.48	142	14232	4.320	ug/l	97
11) Tert butyl alcohol	3.05	59	15487	24.342	ug/l	97
12) 1,1-Dichloroethene	2.35	96	13645	5.301	ug/l	90
13) Acrolein	2.28	56	12447	29.105	ug/l	98
14) Allyl chloride	2.70	41	20058	4.974	ug/l	98
15) Acrylonitrile	3.12	53	37620	25.073	ug/l	97
16) Acetone	2.43	43	34249	26.344	ug/l	98
17) Carbon Disulfide	2.54	76	33142	4.793	ug/l	99
18) Methyl Acetate	2.75	43	16086	4.797	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	45274	5.095	ug/l	97
20) Methylene Chloride	2.83	84	16751	5.155	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	15258	5.232	ug/l	98
22) Diisopropyl ether	3.83	45	43144	5.172	ug/l	92
23) Vinyl Acetate	3.78	43	174827	24.985	ug/l	99
24) 1,1-Dichloroethane	3.67	63	27153	5.322	ug/l	99
25) 2-Butanone	4.64	43	49353	25.271	ug/l	98
26) 2,2-Dichloropropane	4.54	77	22167	4.977	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	17560	5.242	ug/l	92
28) Bromochloromethane	4.97	49	12273	5.031	ug/l	98
29) Tetrahydrofuran	5.09	42	31833	25.547	ug/l	97
30) Chloroform	5.17	83	27392	5.134	ug/l	92
31) Cyclohexane	5.54	56	21973	5.025	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	23547	5.138	ug/l	99
36) 1,1-Dichloropropene	5.76	75	20564	5.112	ug/l	99
37) Ethyl Acetate	4.79	43	19857	5.259	ug/l	99
38) Carbon Tetrachloride	5.75	117	19760	5.075	ug/l	92

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 21 01:39:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	23053	4.922	ug/l	96
40) Benzene	6.10	78	64155	5.191	ug/l	100
41) Methacrylonitrile	5.01	41	10186	4.892	ug/l	98
42) 1,2-Dichloroethane	6.16	62	22224	5.246	ug/l	99
43) Isopropyl Acetate	6.42	43	31529	4.967	ug/l	99
44) Trichloroethene	7.18	130	16522	5.104	ug/l	97
45) 1,2-Dichloropropane	7.49	63	15498	5.094	ug/l	99
46) Dibromomethane	7.63	93	10630	5.105	ug/l	98
47) Bromodichloromethane	7.87	83	19329	4.784	ug/l	98
48) Methyl methacrylate	7.74	41	14563	4.899	ug/l	96
49) 1,4-Dioxane	7.72	88	6888	102.048	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	91081	24.606	ug/l	99
52) Toluene	8.76	92	38527	5.096	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	19904	4.561	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	22518	4.650	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	15979	5.190	ug/l	97
56) Ethyl methacrylate	9.16	69	19895	4.566	ug/l	95
57) 1,3-Dichloropropane	9.35	76	26391	5.119	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	56757	22.232	ug/l	100
59) 2-Hexanone	9.48	43	68107	24.261	ug/l	98
60) Dibromochloromethane	9.56	129	14145	4.690	ug/l	97
61) 1,2-Dibromoethane	9.65	107	15626	4.923	ug/l	97
64) Tetrachloroethene	9.32	164	16480	5.524	ug/l	98
65) Chlorobenzene	10.12	112	40614	5.205	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	13955	4.917	ug/l	100
67) Ethyl Benzene	10.23	91	67991	4.974	ug/l	97
68) m/p-Xylenes	10.34	106	50120	9.842	ug/l	100
69) o-Xylene	10.68	106	24151	4.961	ug/l	98
70) Styrene	10.70	104	37775	4.674	ug/l	99
71) Bromoform	10.84	173	9339	4.500	ug/l #	96
73) Isopropylbenzene	11.00	105	63775	5.170	ug/l	100
74) N-amyl acetate	10.88	43	22521	4.872	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	23126	5.242	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	25165	6.467	ug/l	89
77) Bromobenzene	11.24	156	16382	5.202	ug/l	100
78) n-propylbenzene	11.34	91	71003	5.017	ug/l	99
79) 2-Chlorotoluene	11.40	91	44180	5.148	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	51500	4.977	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	5446	4.117	ug/l #	85
82) 4-Chlorotoluene	11.49	91	51181	5.066	ug/l	100
83) tert-Butylbenzene	11.76	119	50860	5.080	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	52202	4.986	ug/l	99
85) sec-Butylbenzene	11.93	105	59401	4.987	ug/l	99
86) p-Isopropyltoluene	12.05	119	52935	4.895	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	30092	5.203	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	31698	5.321	ug/l	95
89) n-Butylbenzene	12.37	91	45863	4.691	ug/l	99
90) Hexachloroethane	12.58	117	8250	4.559	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	29734	5.119	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4302	4.780	ug/l	96

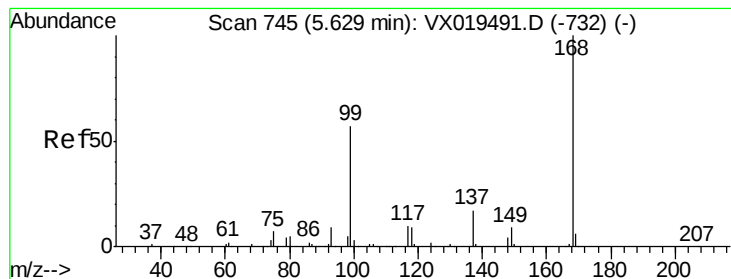
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
Data File : VX019489.D
Acq On : 20 Nov 2020 10:07
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Nov 21 01:39:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:38:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	17435	4.675	ug/l	99
94) Hexachlorobutadiene	13.76	225	8815	5.189	ug/l	96
95) Naphthalene	13.82	128	52884	4.581	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	17674	4.738	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

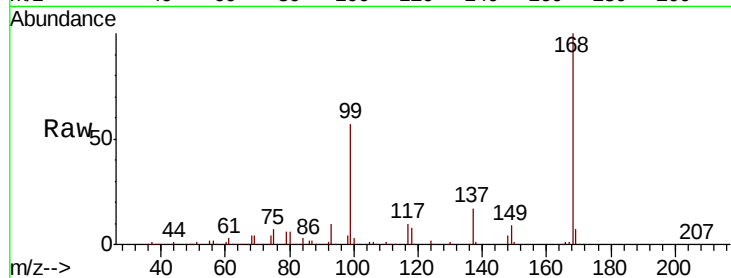
VSTDIC005

Tot Ion:168 Resp: 259279

Ion Ratio Lower Upper

168 100

99 56.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

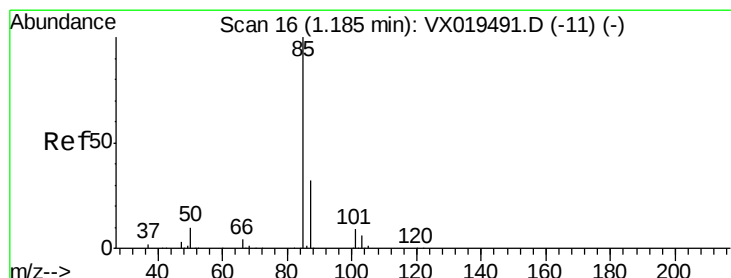
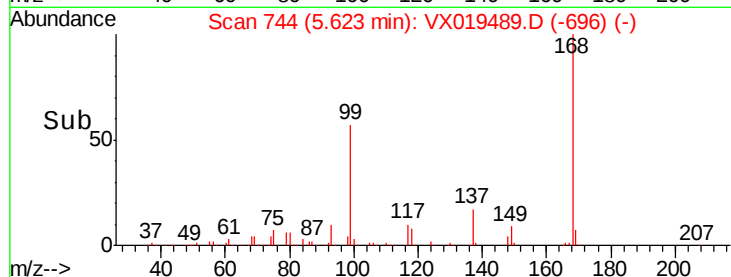
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.716 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019489.D

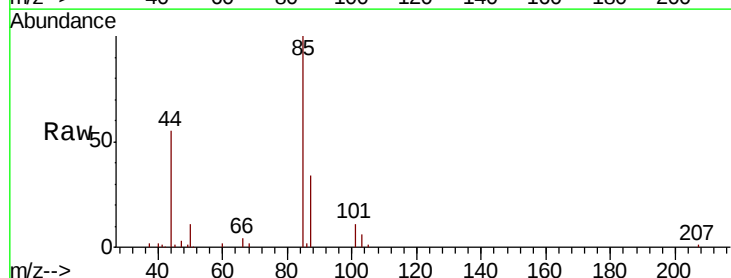
Acq: 20 Nov 2020 10:07

Tgt Ion: 85 Resp: 11891

Ion Ratio Lower Upper

85 100

87 34.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

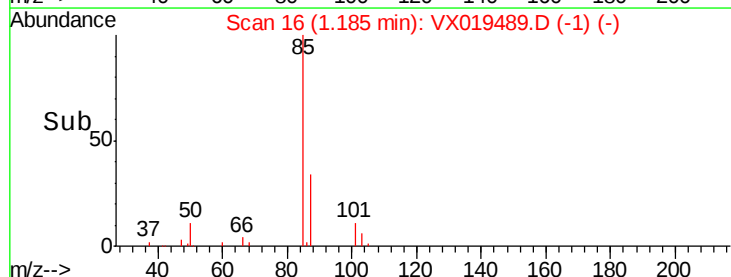
1.18

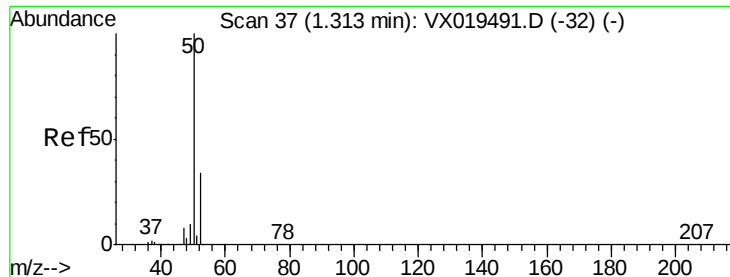
10000

5000

0

Time-->





#3

Chloromethane

Concen: 5.024 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

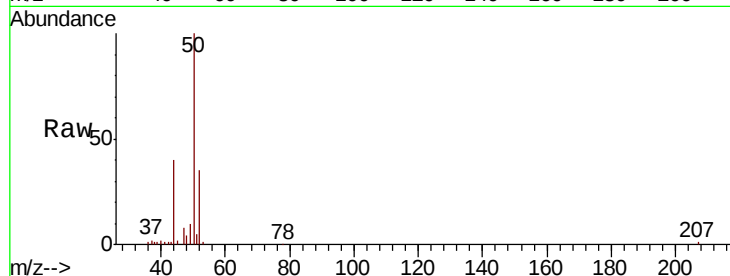
VSTDIC005

Tot Ion: 50 Resp: 14535

Ion Ratio Lower Upper

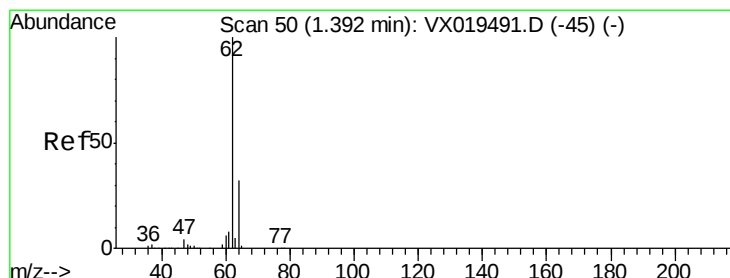
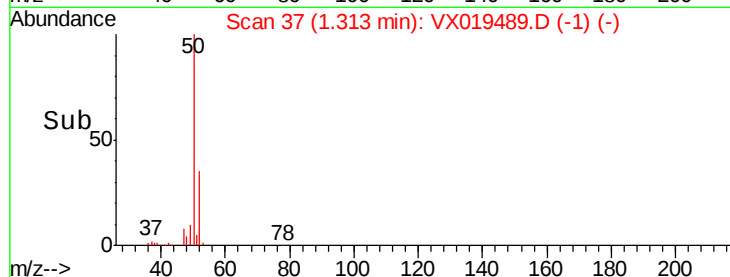
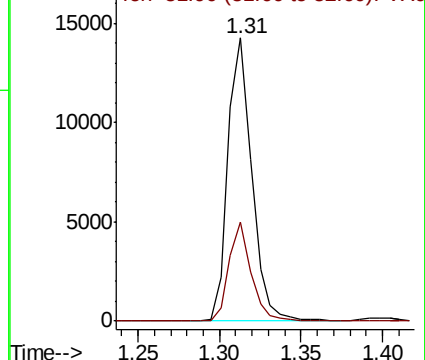
50 100

52 34.8 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.022 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019489.D

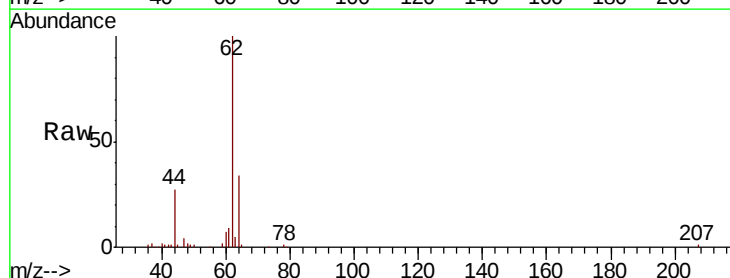
Acq: 20 Nov 2020 10:07

Tgt Ion: 62 Resp: 15641

Ion Ratio Lower Upper

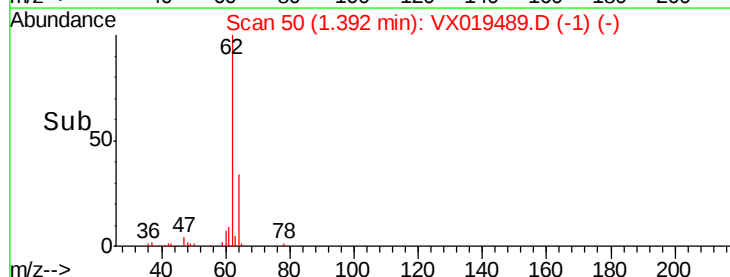
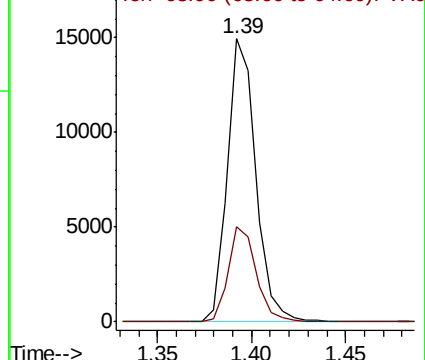
62 100

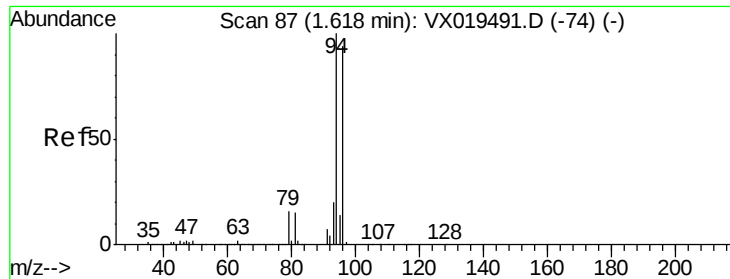
64 33.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.427 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

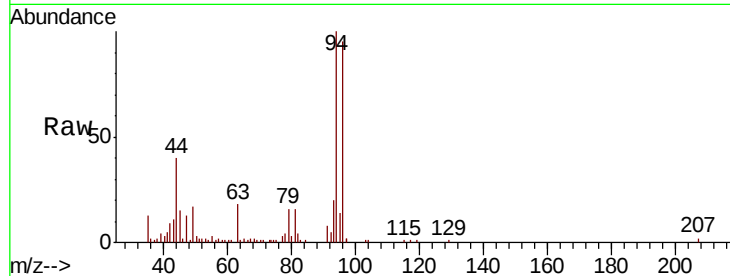
VSTDIC005

Tot Ion: 94 Resp: 6402

Ion Ratio Lower Upper

94 100

96 95.1 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

8000

6000

4000

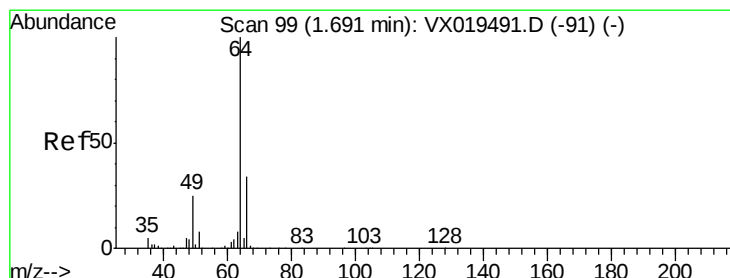
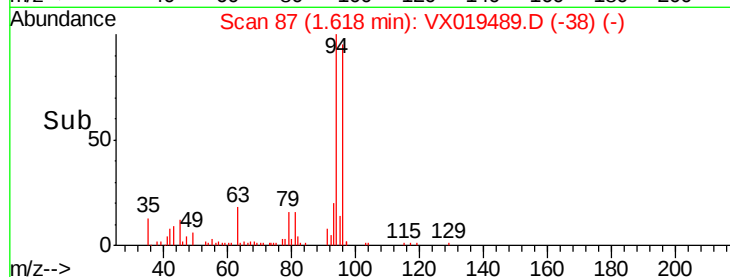
2000

0

1.60

1.65

Time-->



#6

Chloroethane

Concen: 5.149 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019489.D

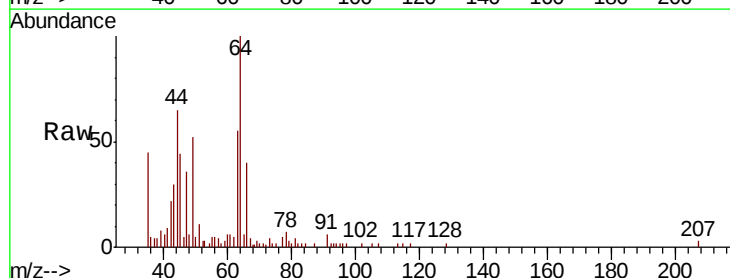
Acq: 20 Nov 2020 10:07

Tgt Ion: 64 Resp: 4437

Ion Ratio Lower Upper

64 100

66 37.8 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.69

4000

3000

2000

1000

0

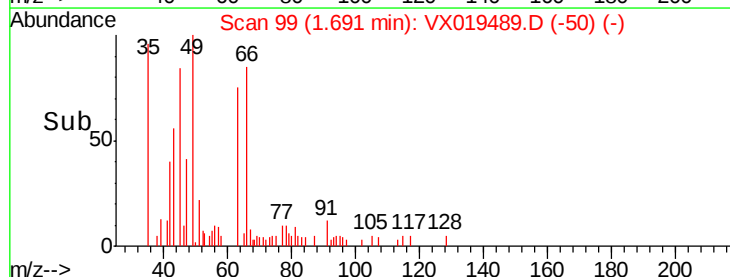
1.60

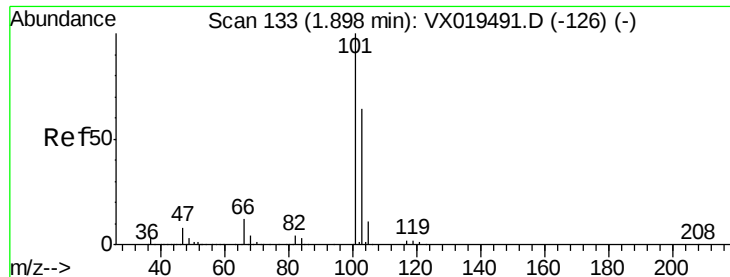
1.65

1.70

1.75

Time-->





#7

Trichlorofluoromethane

Concen: 5.219 ug/l

RT: 1.90 min Scan# 133

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

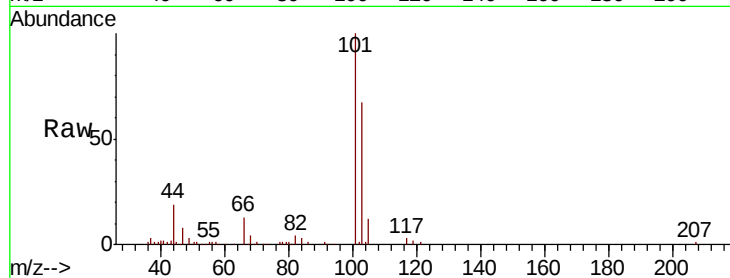
VSTDIC005

Tot Ion:101 Resp: 23460

Ion Ratio Lower Upper

101 100

103 66.9 50.9 76.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.90

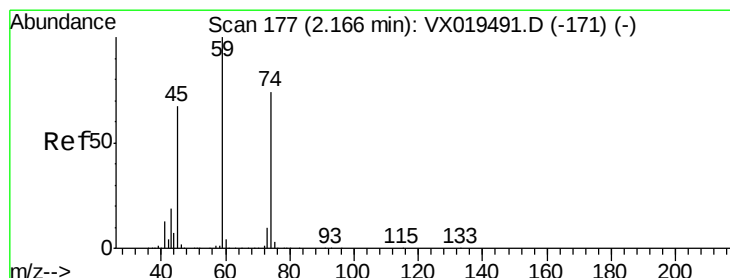
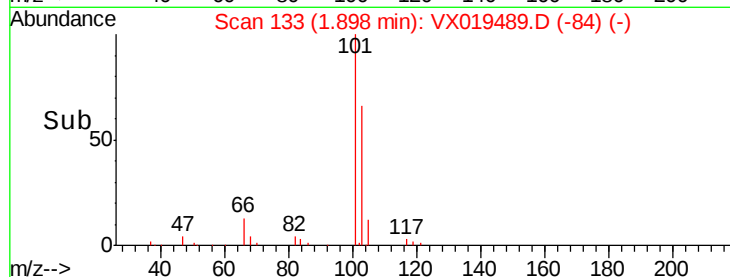
15000

10000

5000

0

Time--> 1.80 1.85 1.90 1.95 2.00



#8

Diethyl Ether

Concen: 5.338 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX019489.D

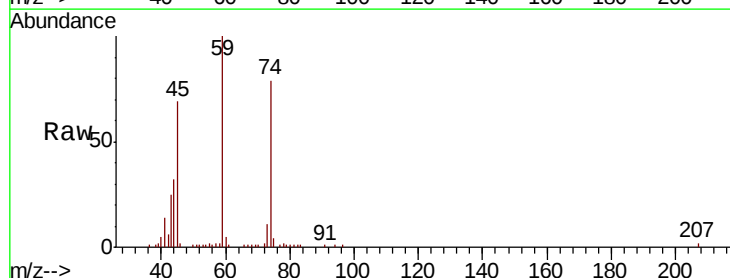
Acq: 20 Nov 2020 10:07

Tgt Ion: 74 Resp: 9610

Ion Ratio Lower Upper

74 100

45 91.3 44.4 133.2



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

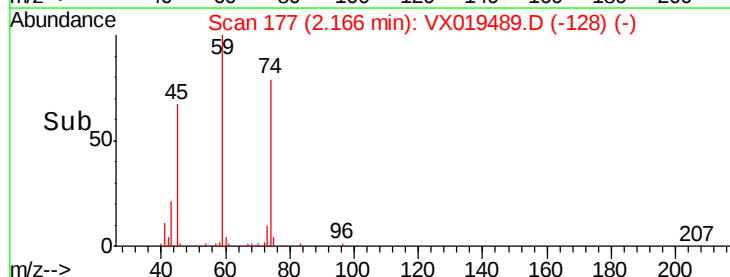
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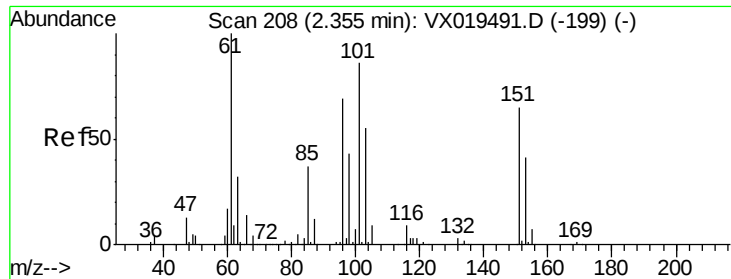
4000

2000

0

Time--> 2.10 2.15 2.20 2.25





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.223 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

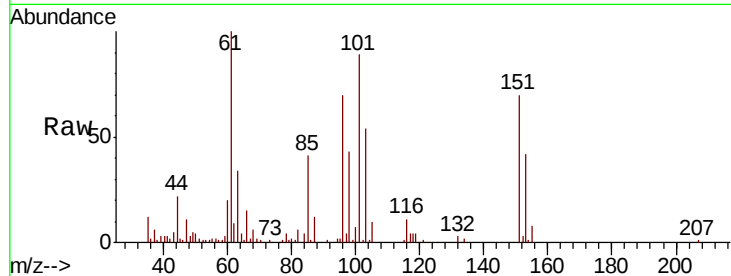
Tot Ion:101 Resp: 13100

Ion Ratio Lower Upper

101 100

85 44.9 33.9 50.9

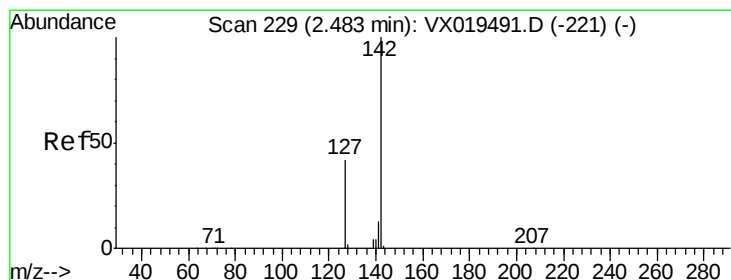
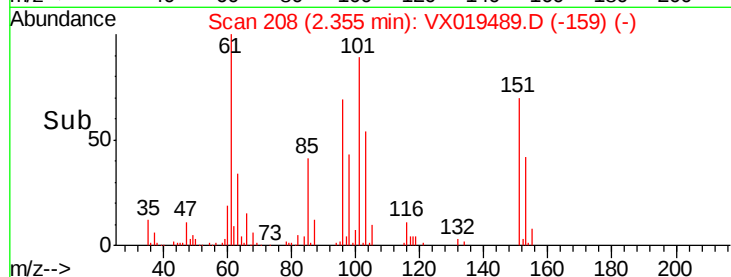
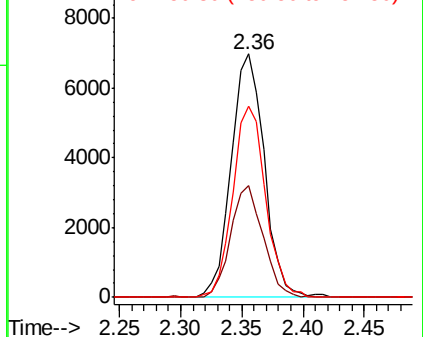
151 77.7 60.9 91.3



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: 4.320 ug/l

RT: 2.48 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

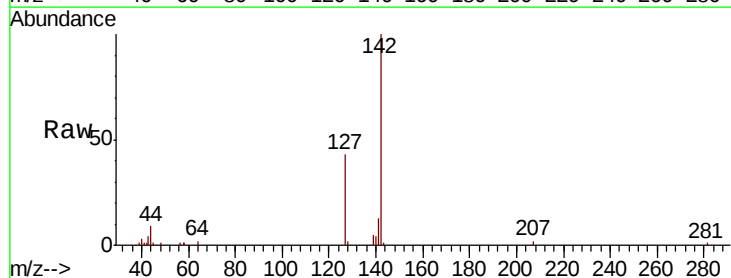
Tgt Ion:142 Resp: 14232

Ion Ratio Lower Upper

142 100

127 44.5 33.8 50.6

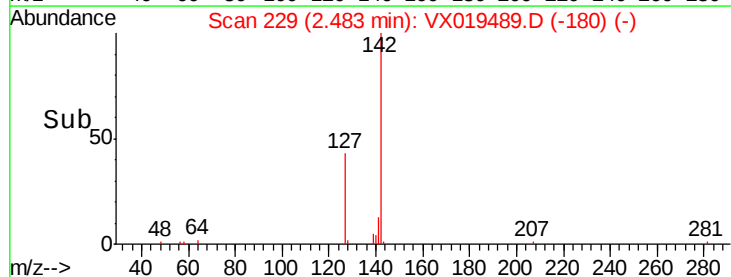
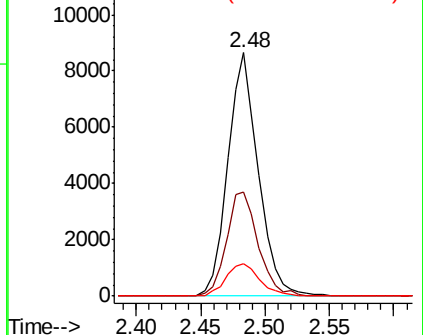
141 14.7 11.0 16.6

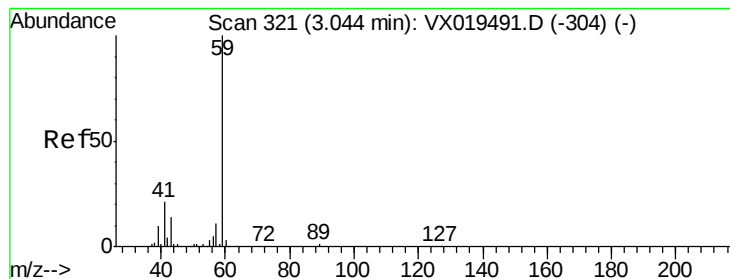


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



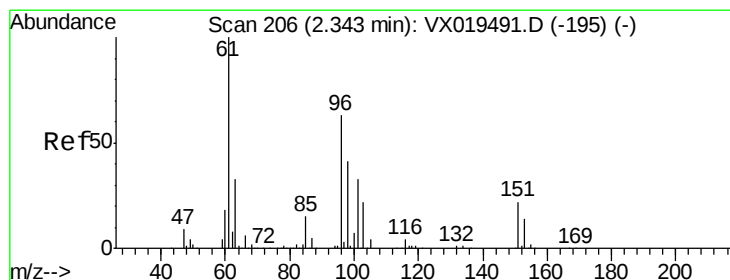
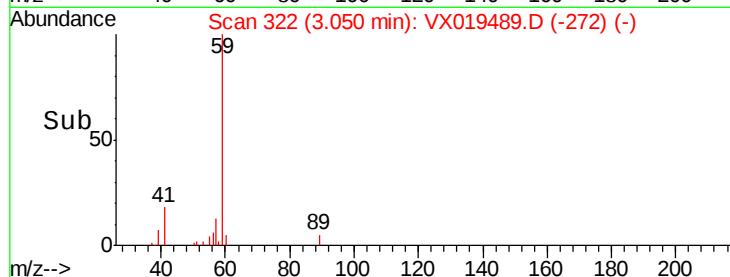
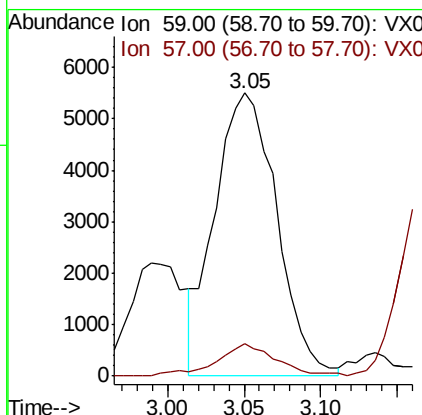
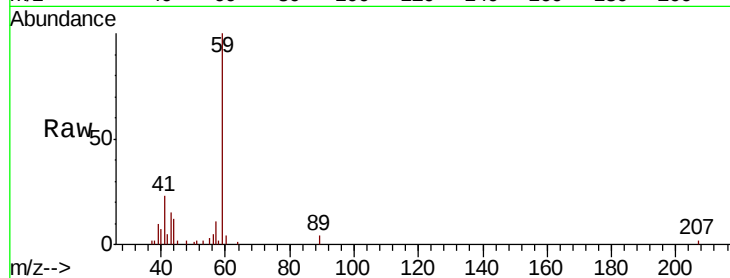


#11

Tert butyl alcohol
Concen: 24.342 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

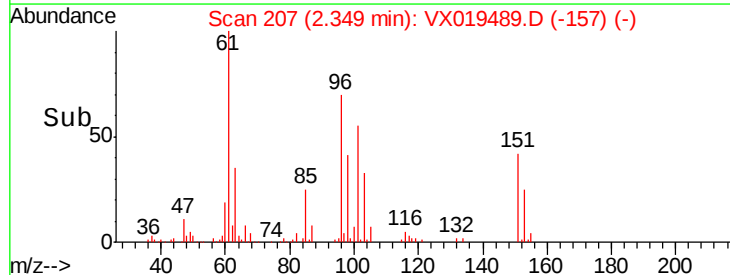
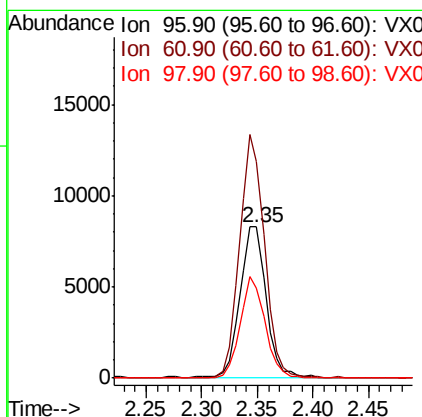
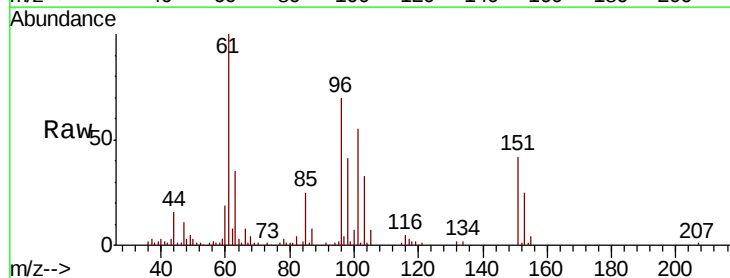
Tot Ion: 59 Resp: 15487
Ion Ratio Lower Upper
59 100
57 11.0 7.9 11.9

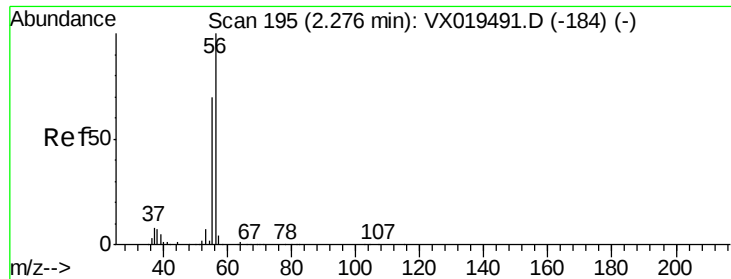


#12

1,1-Dichloroethene
Concen: 5.301 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion: 96 Resp: 13645
Ion Ratio Lower Upper
96 100
61 143.4 126.0 189.0
98 59.2 52.0 78.0





#13

Acrolein

Concen: 29.105 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

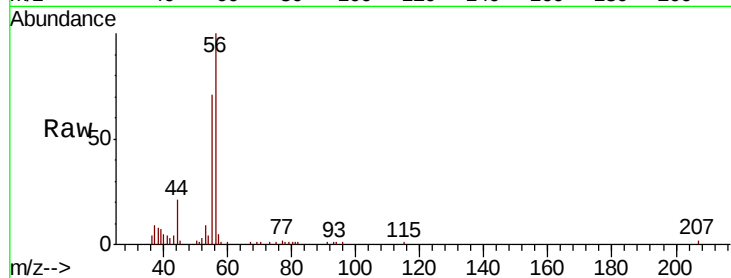
VSTDIC005

Tot Ion: 56 Resp: 12447

Ion Ratio Lower Upper

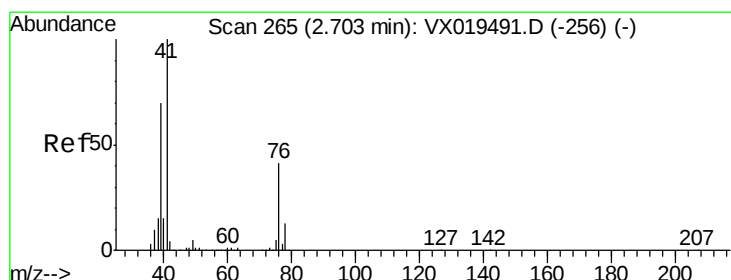
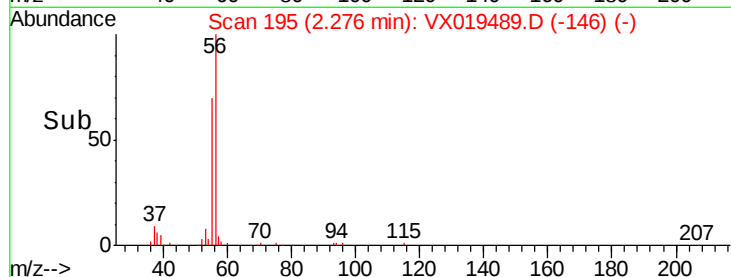
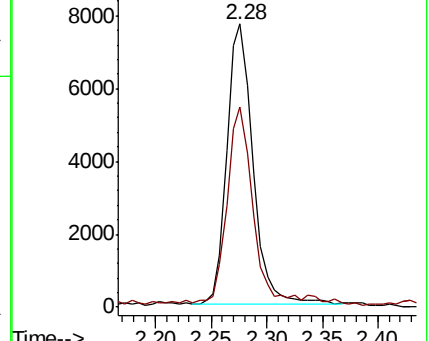
56 100

55 70.7 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 4.974 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

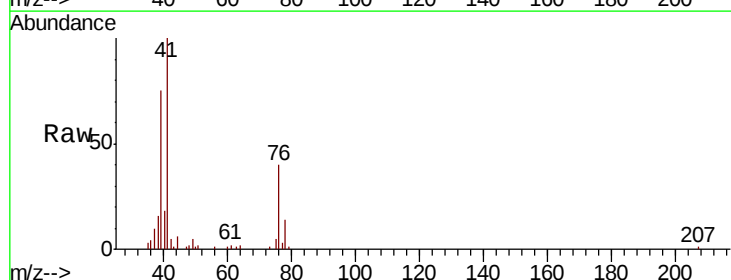
Tgt Ion: 41 Resp: 20058

Ion Ratio Lower Upper

41 100

39 65.2 53.0 79.4

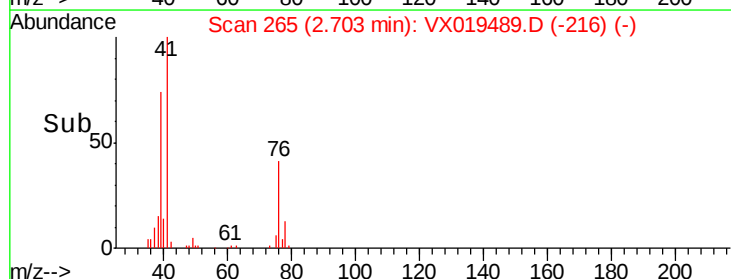
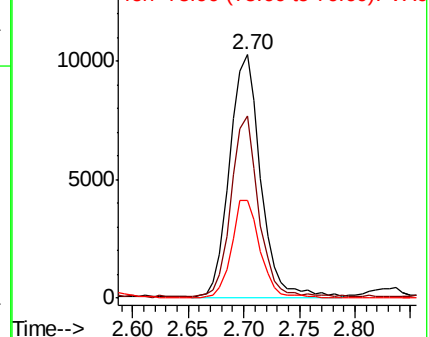
76 36.9 31.0 46.6

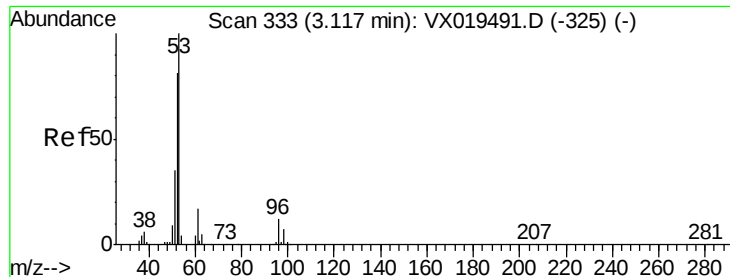


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

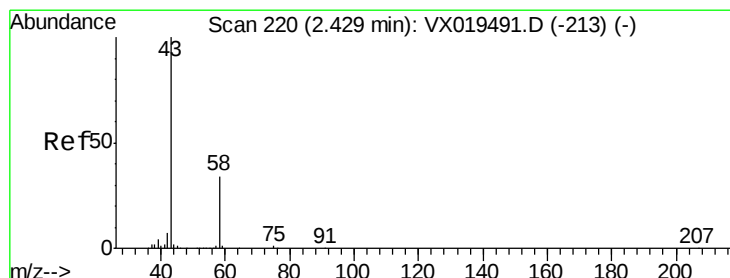
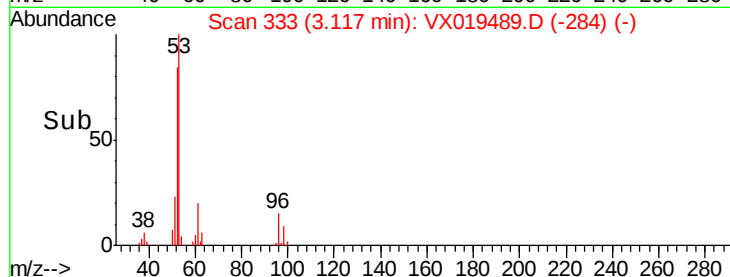
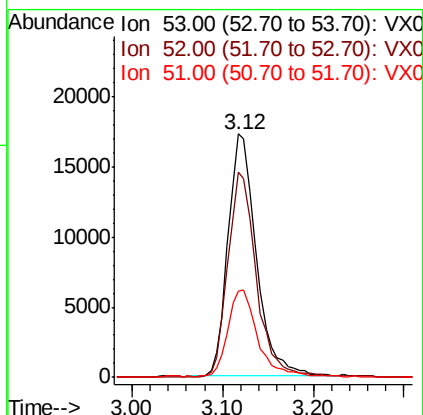
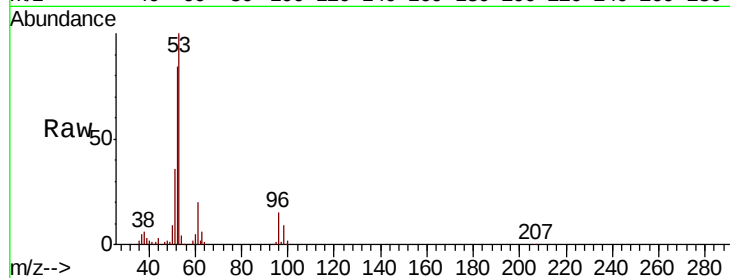




#15
 Acrylonitrile
 Concen: 25.073 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX019489.D
 Acq: 20 Nov 2020 10:07

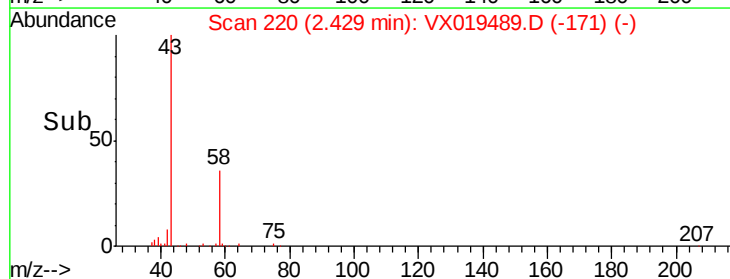
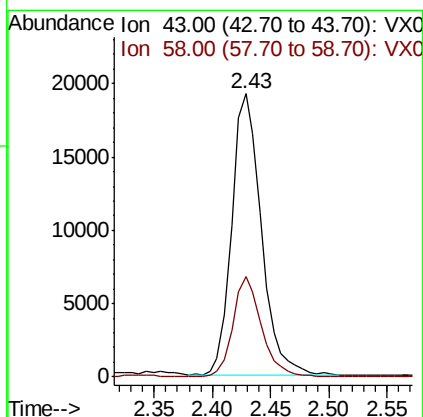
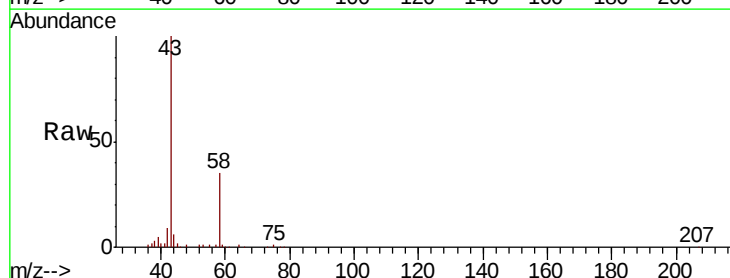
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

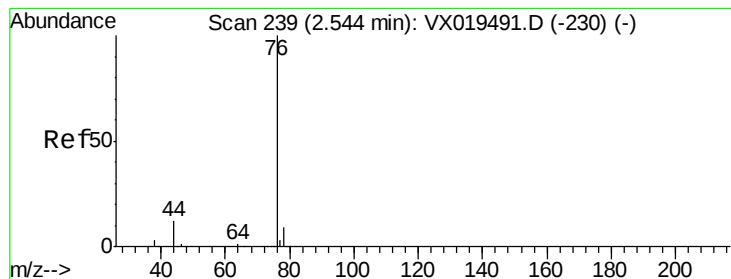
Tot Ion: 53 Resp: 37620
 Ion Ratio Lower Upper
 53 100
 52 85.2 66.2 99.2
 51 38.7 28.5 42.7



#16
 Acetone
 Concen: 26.344 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX019489.D
 Acq: 20 Nov 2020 10:07

Tgt Ion: 43 Resp: 34249
 Ion Ratio Lower Upper
 43 100
 58 35.6 27.4 41.2





#17

Carbon Disulfide

Concen: 4.793 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

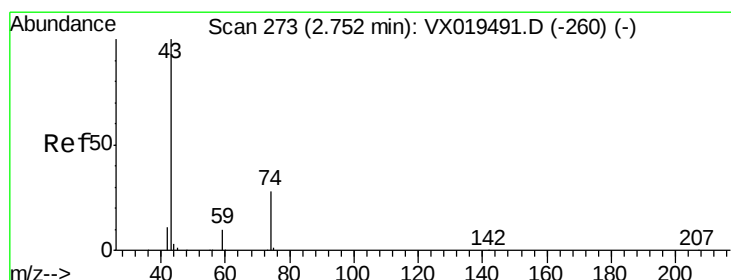
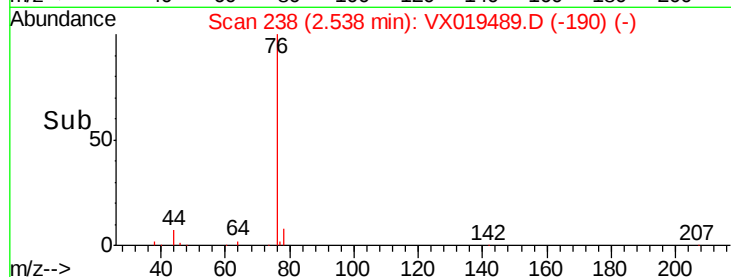
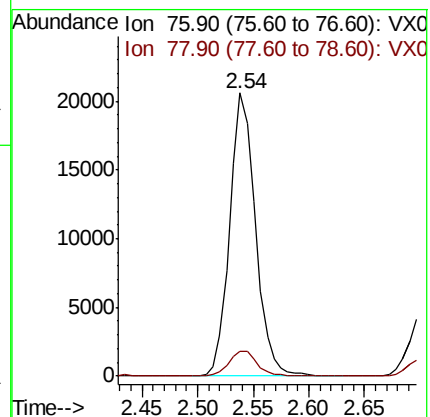
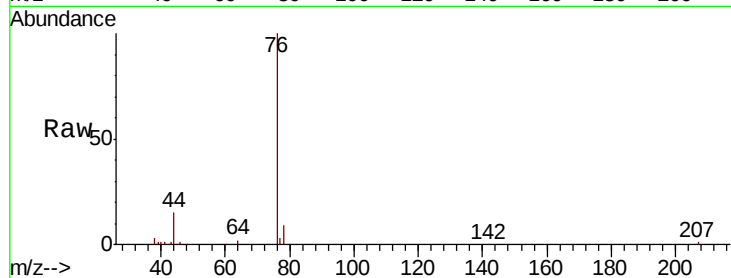
VSTDIC005

Tot Ion: 76 Resp: 33142

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



#18

Methyl Acetate

Concen: 4.797 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019489.D

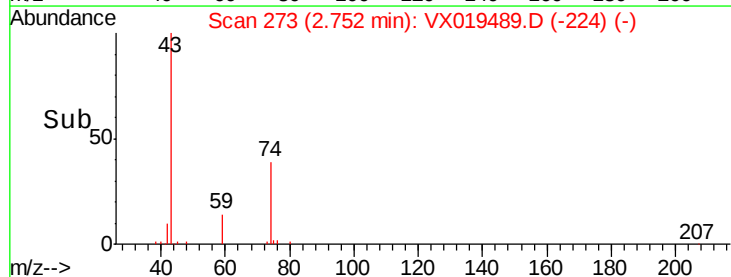
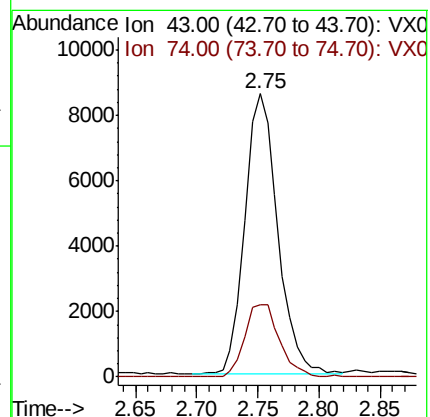
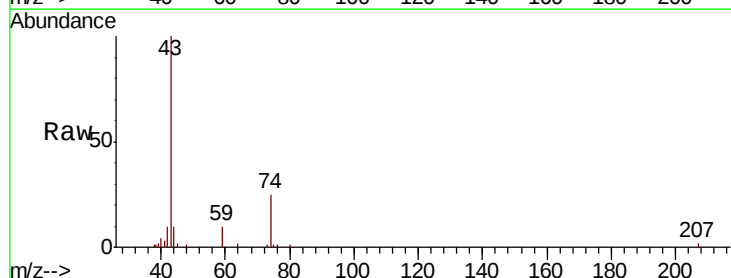
Acq: 20 Nov 2020 10:07

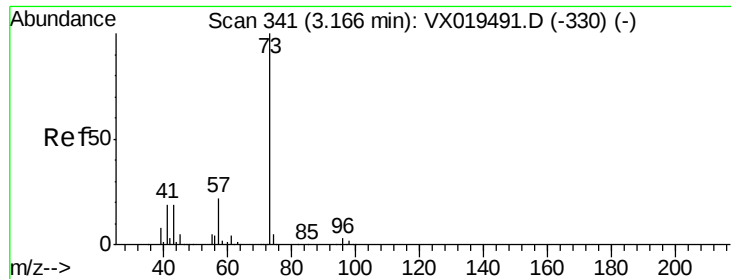
Tgt Ion: 43 Resp: 16086

Ion Ratio Lower Upper

43 100

74 27.0 22.2 33.4

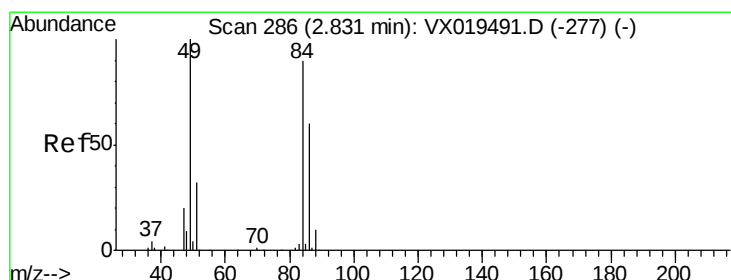
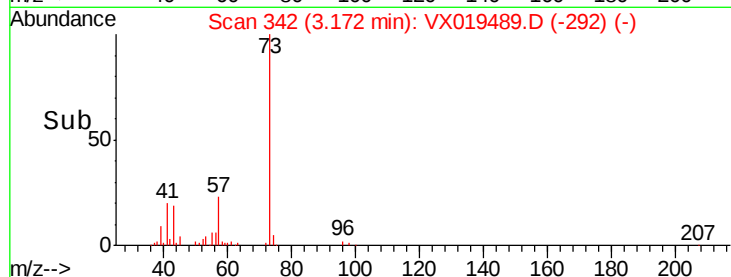
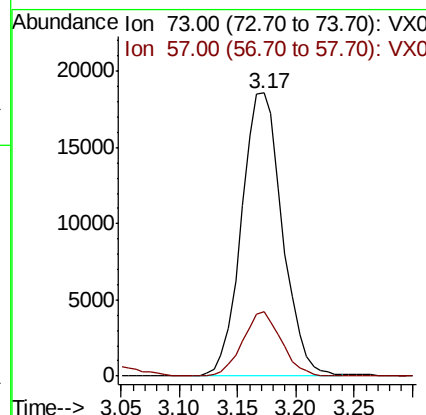
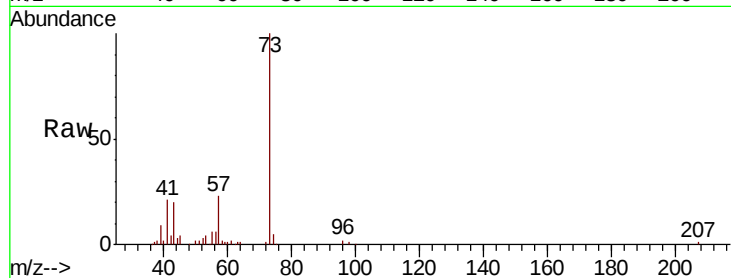




#19
Methyl tert-butyl Ether
Concen: 5.095 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

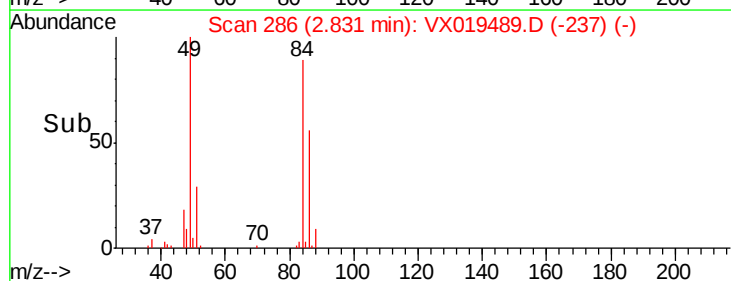
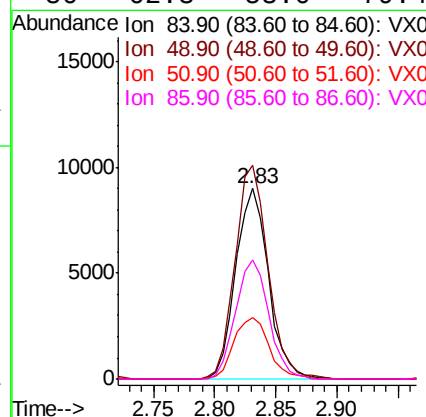
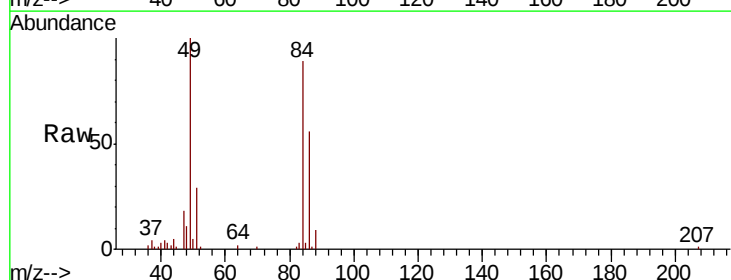
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

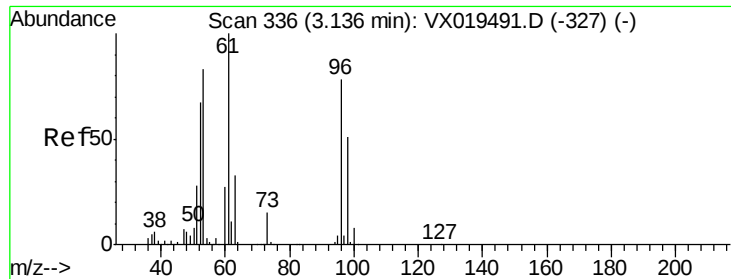
Tot Ion: 73 Resp: 45274
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9



#20
Methylene Chloride
Concen: 5.155 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion: 84 Resp: 16751
Ion Ratio Lower Upper
84 100
49 112.3 88.5 132.7
51 32.0 28.0 42.0
86 62.3 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 5.232 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

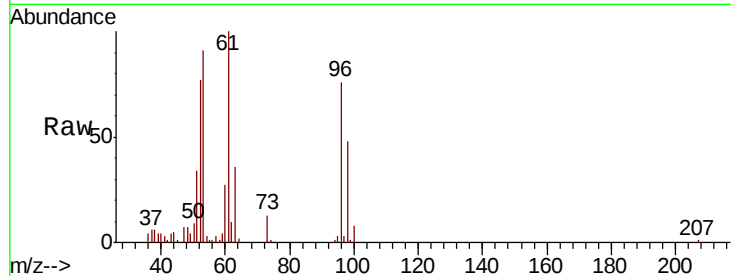
Tot Ion: 96 Resp: 15258

Ion Ratio Lower Upper

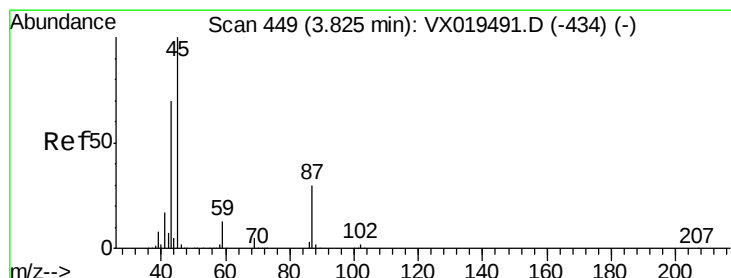
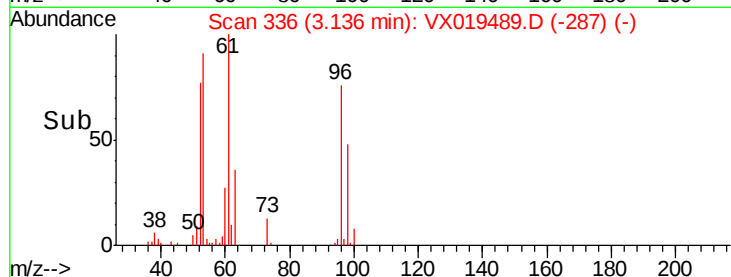
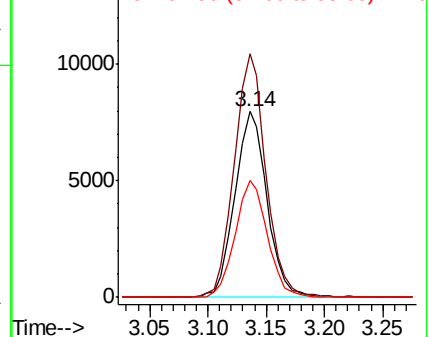
96 100

61 131.0 102.9 154.3

98 62.6 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



#22

Diisopropyl ether

Concen: 5.172 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Tgt Ion: 45 Resp: 43144

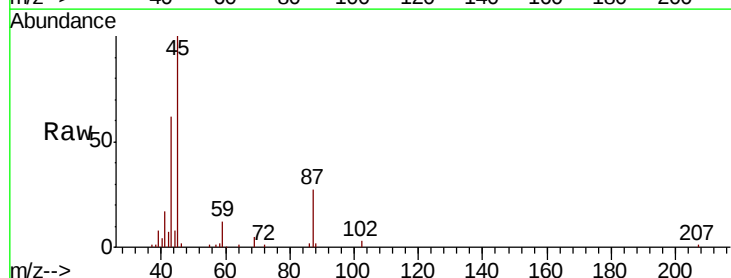
Ion Ratio Lower Upper

45 100

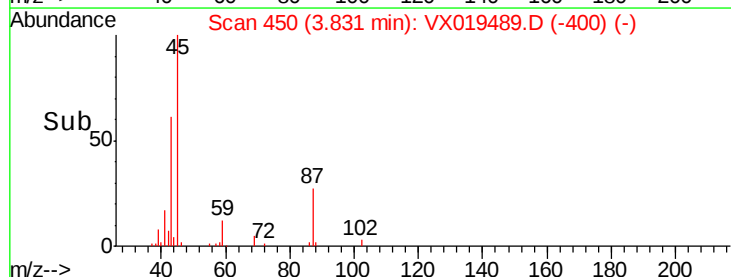
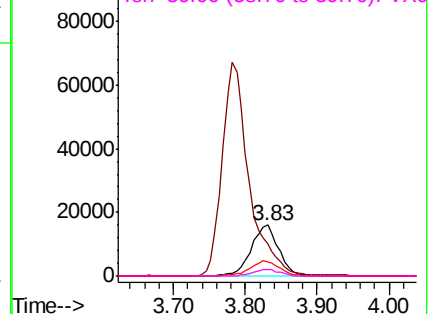
43 61.3 56.1 84.1

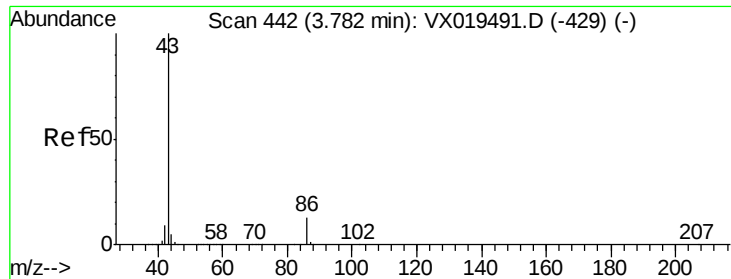
87 26.7 24.2 36.2

59 12.2 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 24.985 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

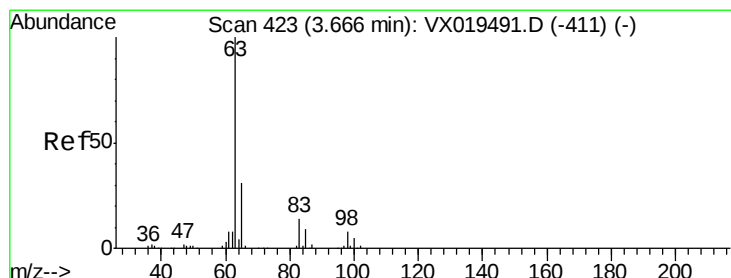
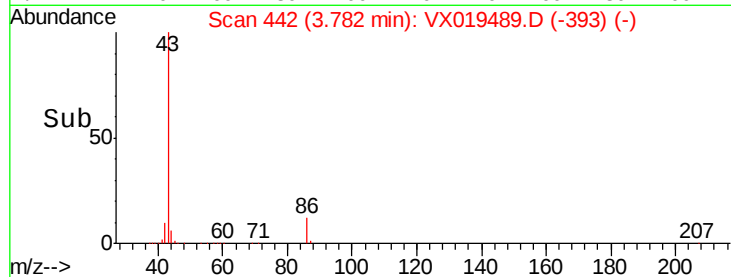
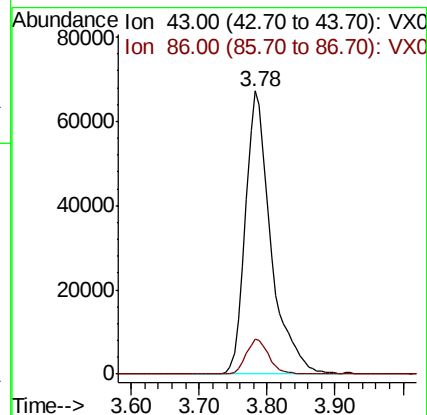
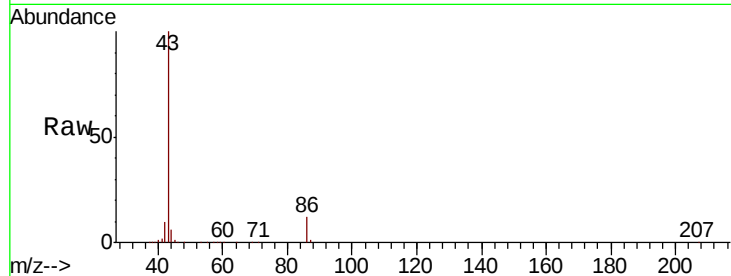
VSTDIC005

Tot Ion: 43 Resp: 174827

Ion Ratio Lower Upper

43 100

86 12.2 10.2 15.2



#24

1,1-Dichloroethane

Concen: 5.322 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

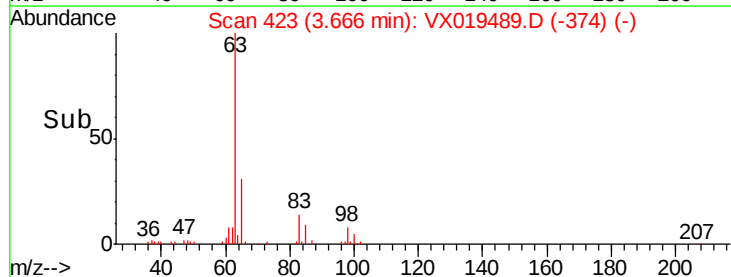
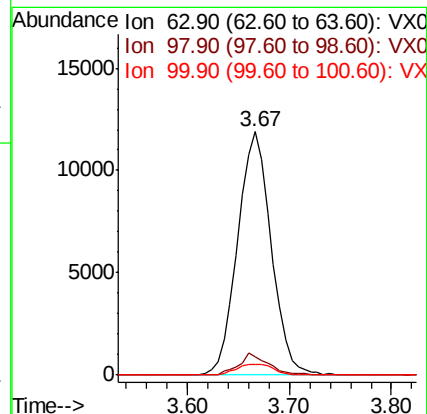
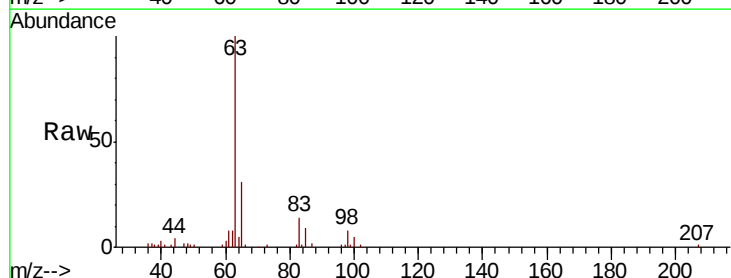
Tgt Ion: 63 Resp: 27153

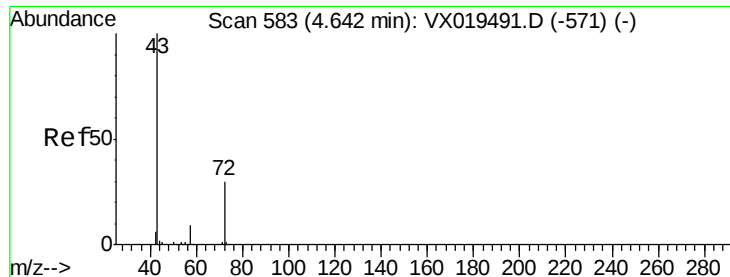
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 25.271 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

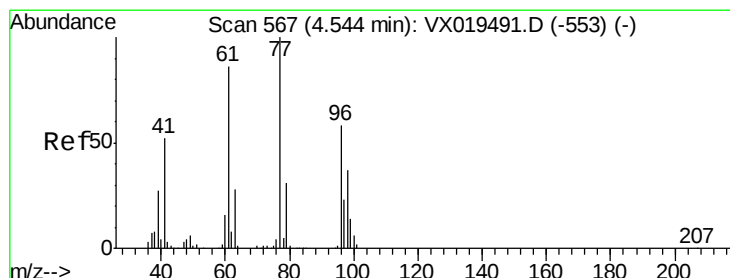
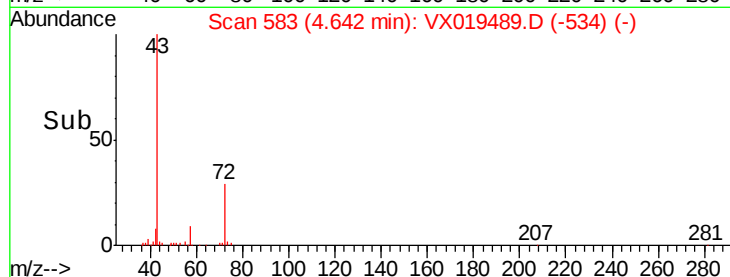
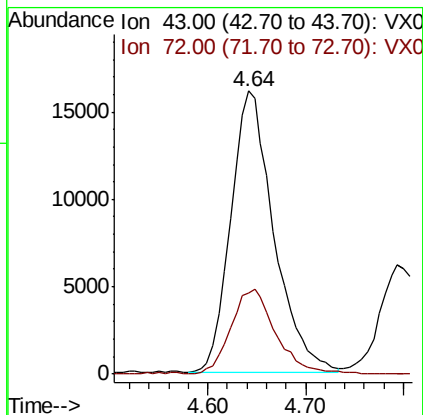
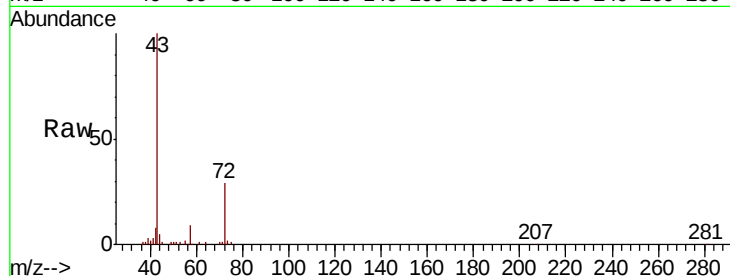
VSTDIC005

Tot Ion: 43 Resp: 49353

Ion Ratio Lower Upper

43 100

72 29.0 24.0 36.0



#26

2,2-Dichloropropane

Concen: 4.977 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019489.D

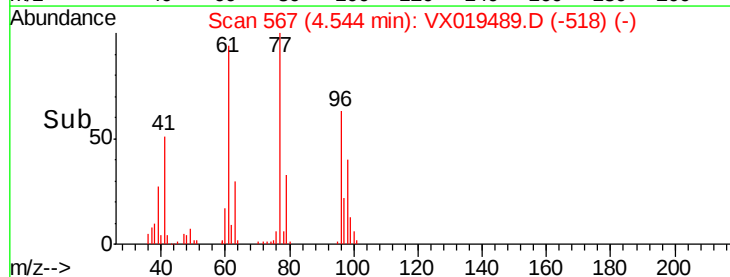
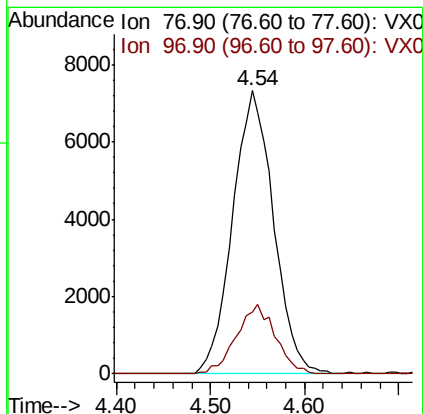
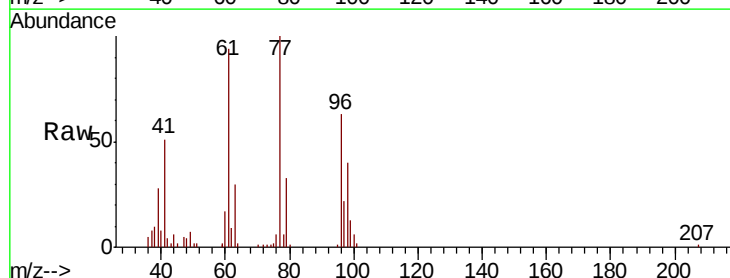
Acq: 20 Nov 2020 10:07

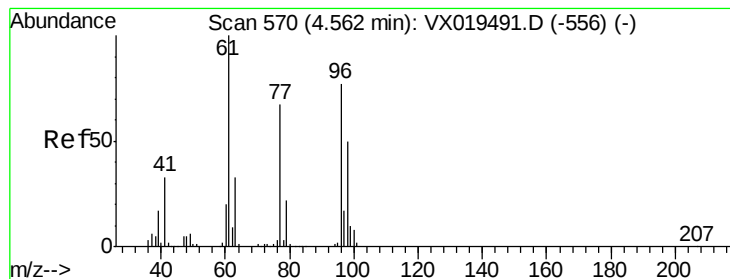
Tgt Ion: 77 Resp: 22167

Ion Ratio Lower Upper

77 100

97 23.5 11.6 34.8



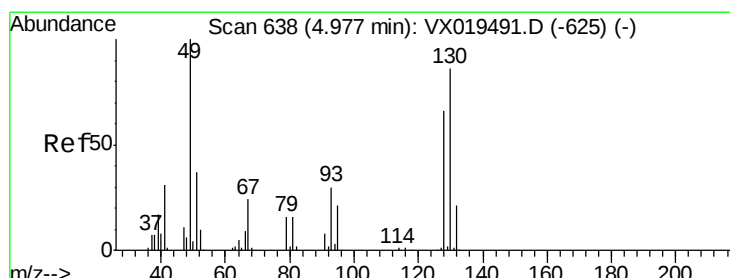
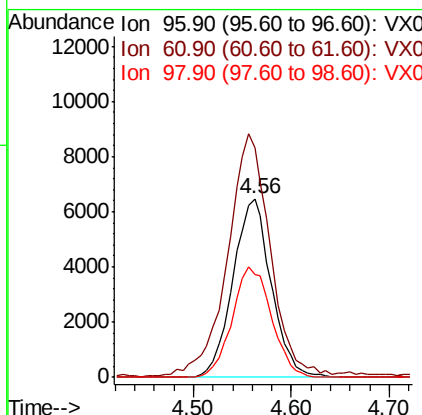
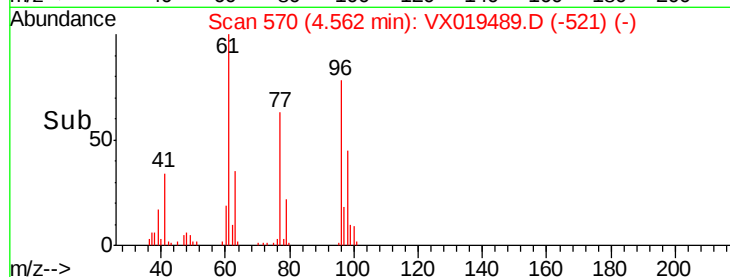
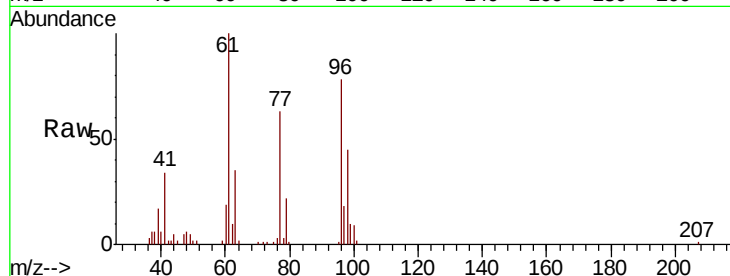


#27

cis-1,2-Dichloroethene
 Concen: 5.242 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX019489.D
 Acq: 20 Nov 2020 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

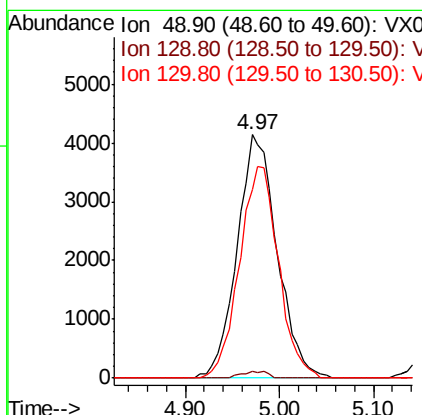
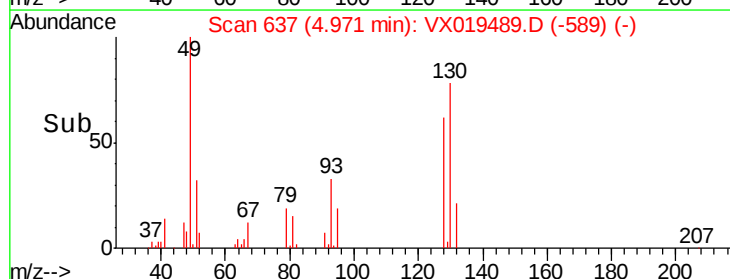
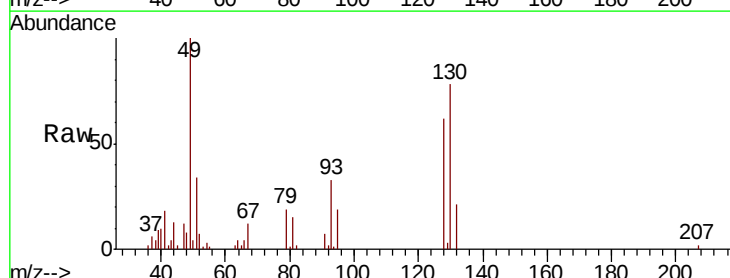
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	279.2
98	63.5	0.0	129.8

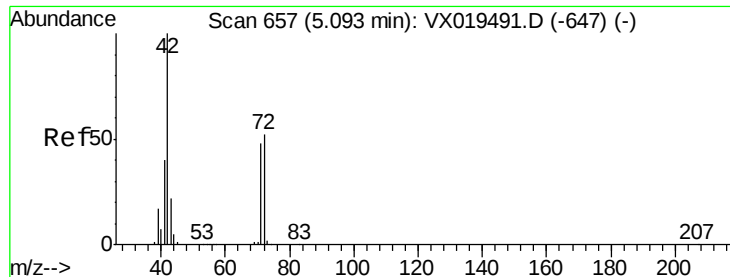


#28

Bromochloromethane
 Concen: 5.031 ug/l
 RT: 4.97 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: VX019489.D
 Acq: 20 Nov 2020 10:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	84.8	69.0	103.6

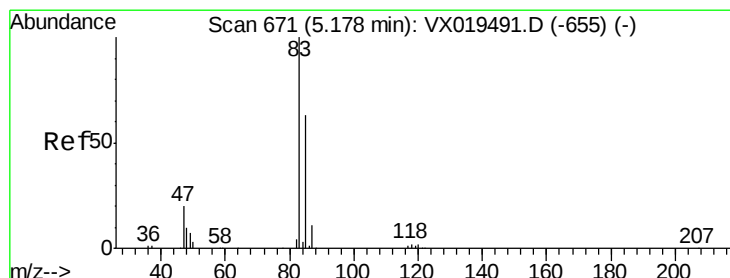
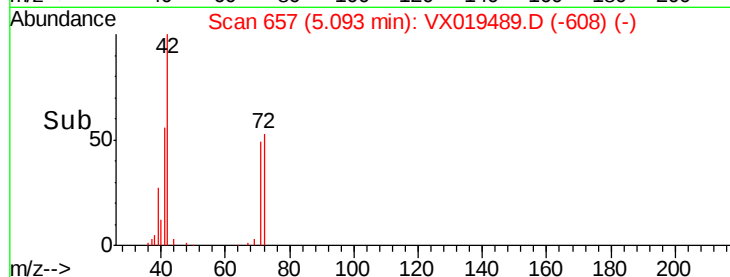
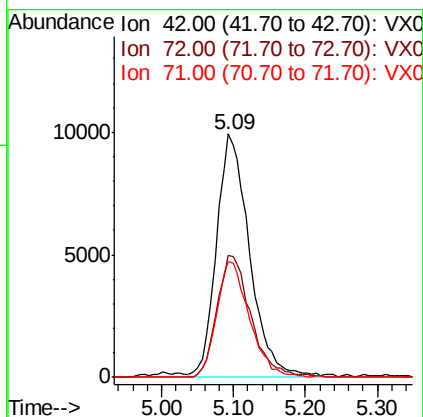
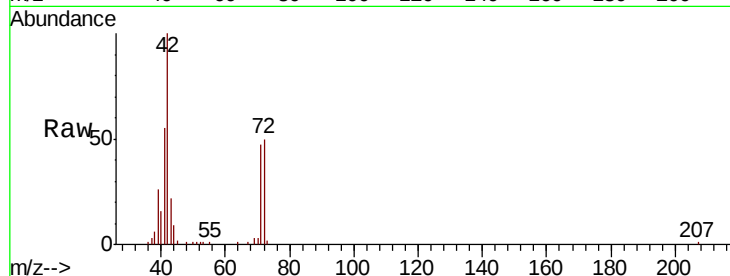




#29
Tetrahydrofuran
Concen: 25.547 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

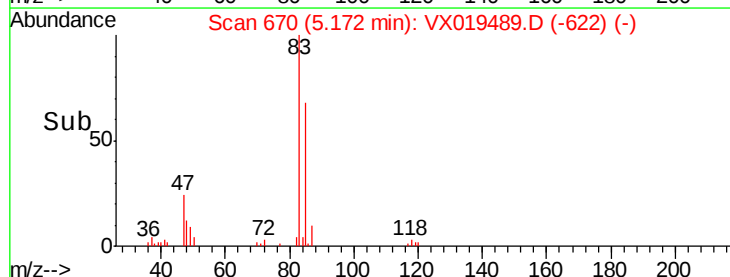
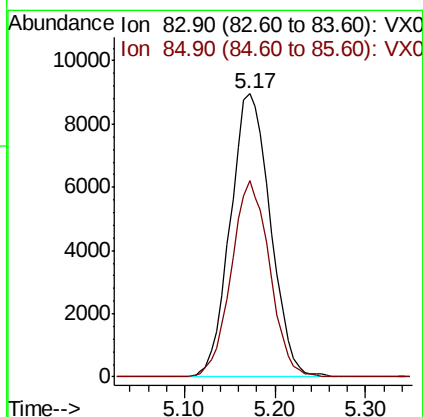
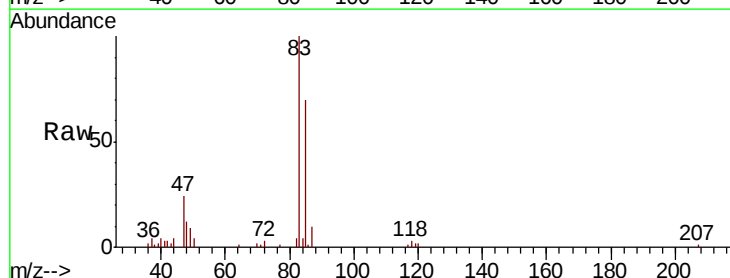
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

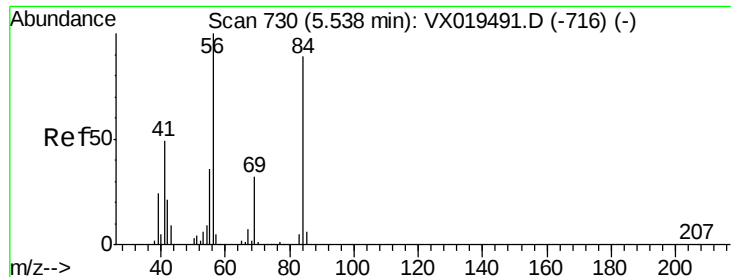
Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	42.6	63.8
71	46.9	39.0	58.6



#30
Chloroform
Concen: 5.134 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.5	50.5	75.7

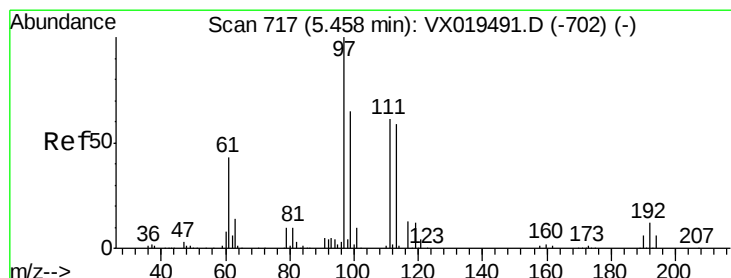
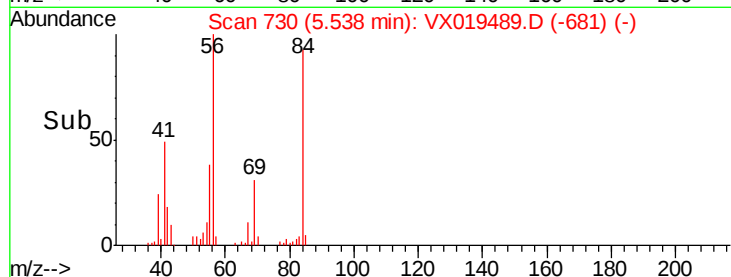
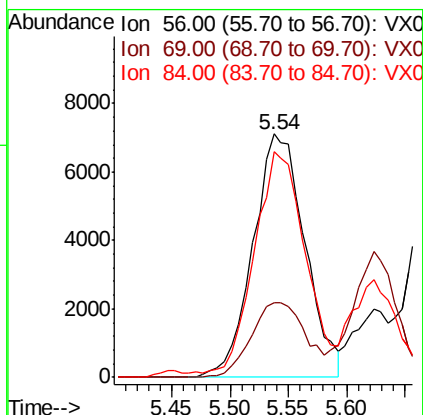
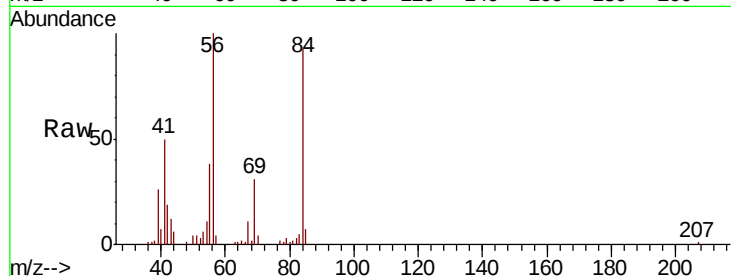




#31
Cyclohexane
Concen: 5.025 ug/l
RT: 5.54 min Scan# 730
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

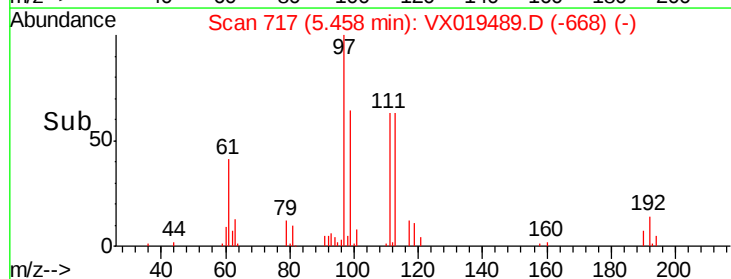
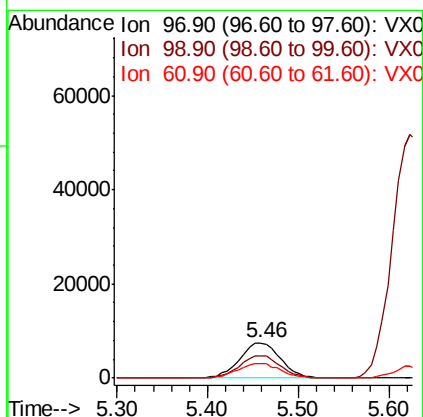
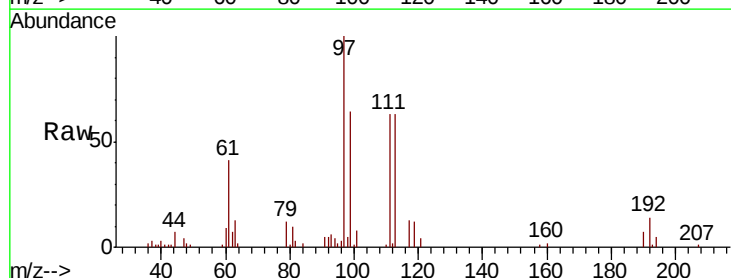
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

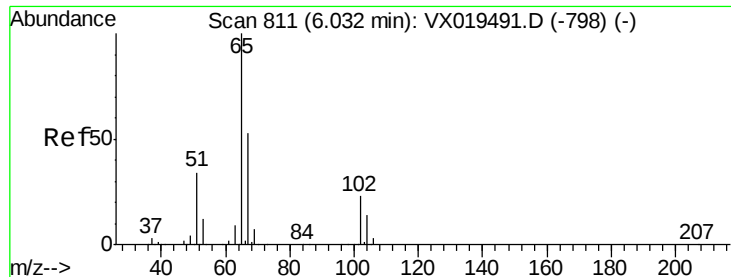
Tot Ion: 56 Resp: 21973
Ion Ratio Lower Upper
56 100
69 30.7 25.5 38.3
84 90.7 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 5.138 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion: 97 Resp: 23547
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.0
61 43.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 5.839 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

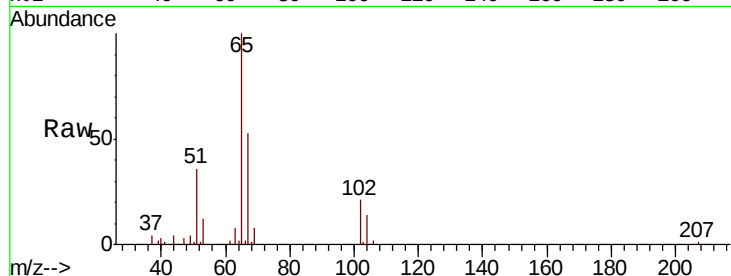
VSTDIC005

Tot Ion: 65 Resp: 19629

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

8000

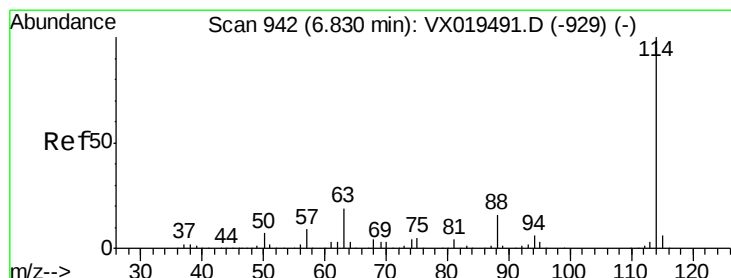
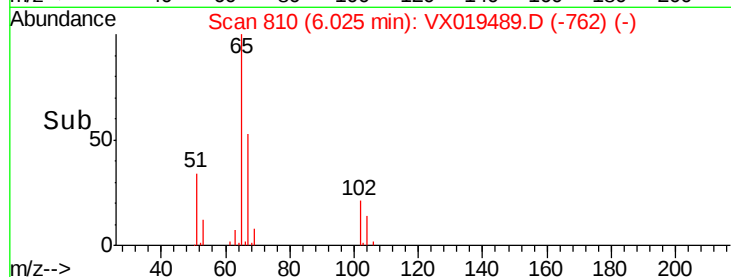
6000

4000

2000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

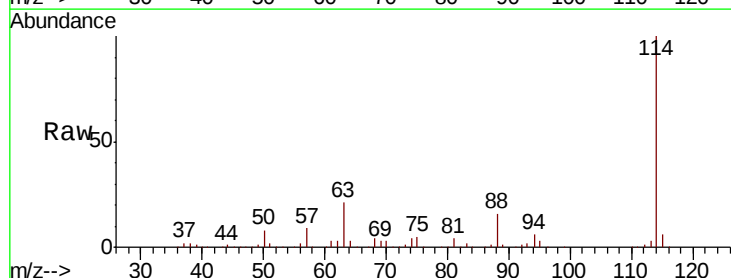
Tgt Ion: 114 Resp: 429046

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

88 15.6 0.0 31.6



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

250000

200000

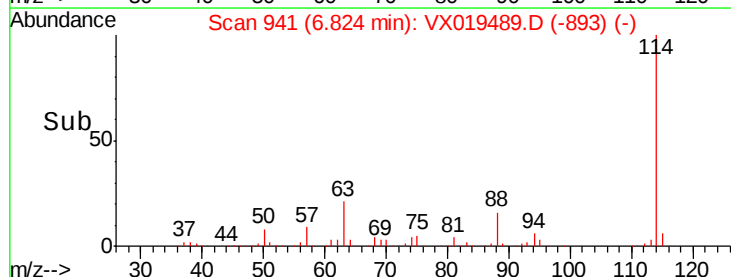
150000

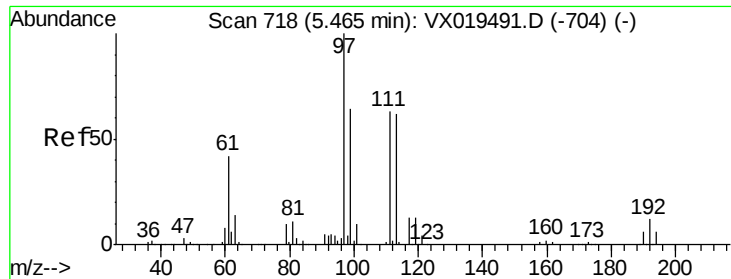
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

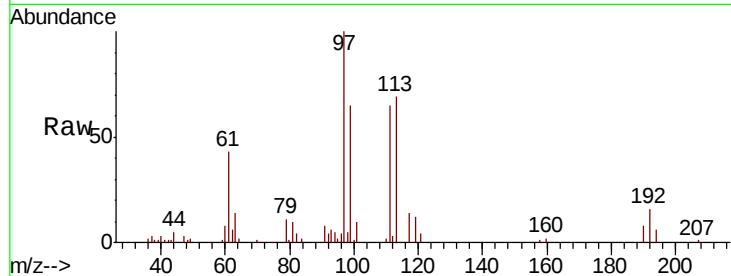




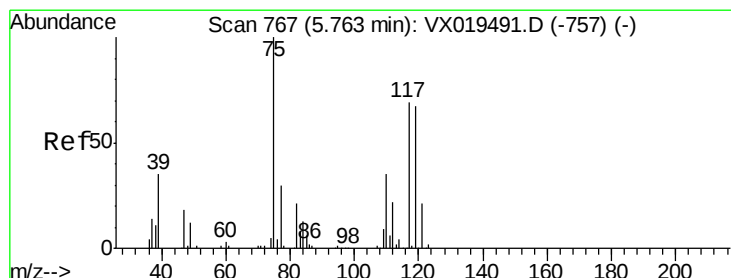
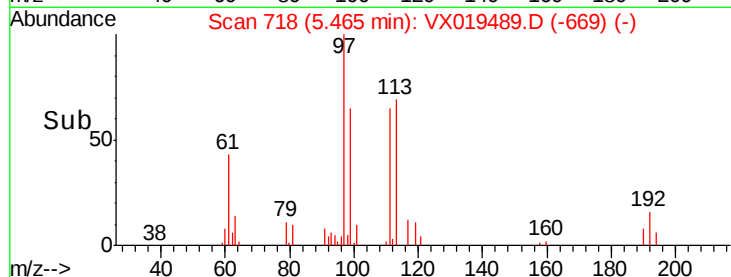
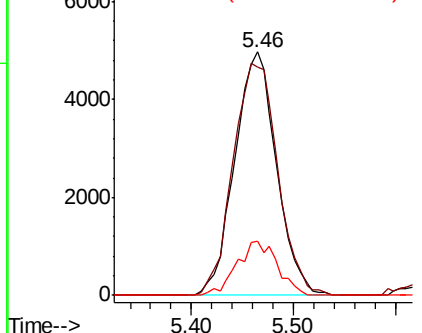
#35
 Dibromofluoromethane
 Concen: 5.253 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX019489.D
 Acq: 20 Nov 2020 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:113 Resp: 14147
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 21.4 16.2 24.2

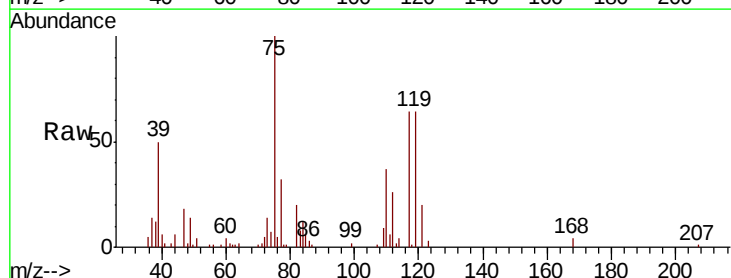


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

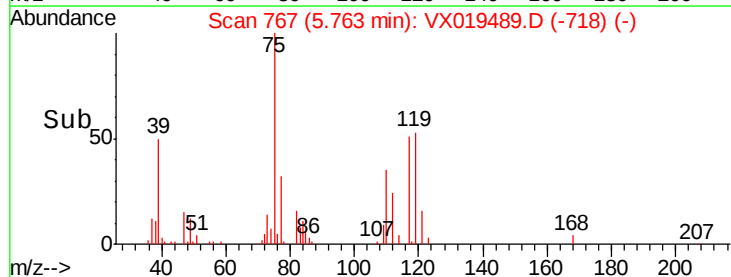
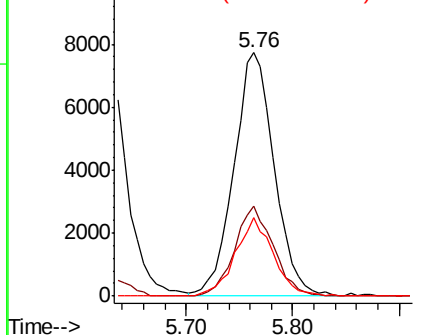


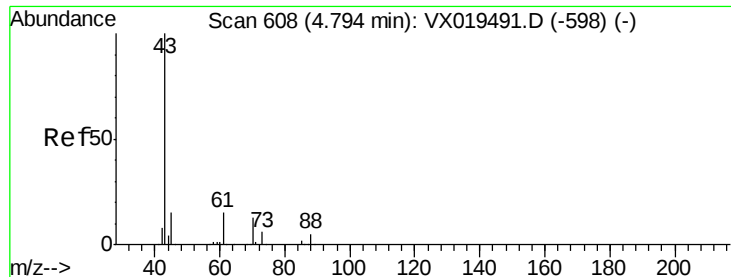
#36
 1,1-Dichloropropene
 Concen: 5.112 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VX019489.D
 Acq: 20 Nov 2020 10:07

Tgt Ion: 75 Resp: 20564
 Ion Ratio Lower Upper
 75 100
 110 35.3 18.1 54.3
 77 30.3 24.2 36.4



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

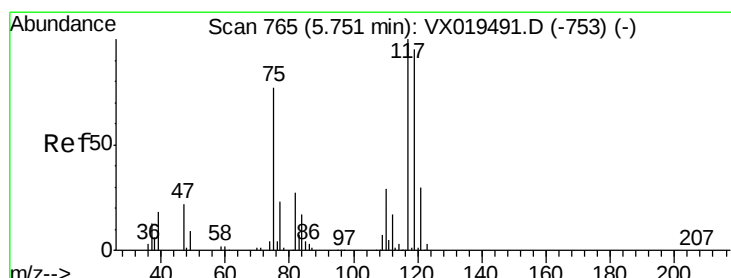
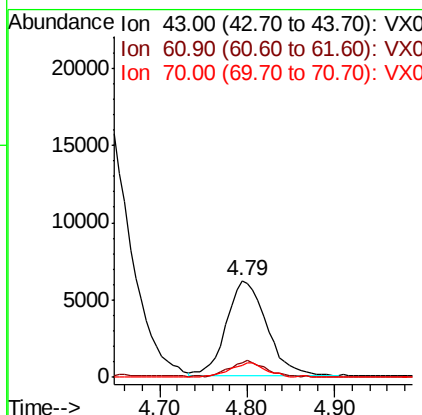
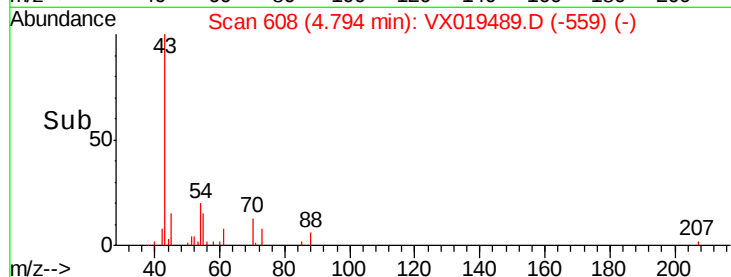
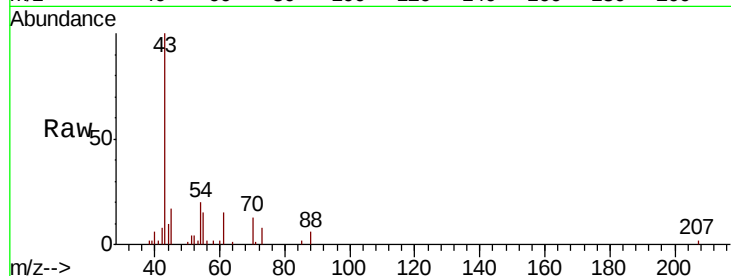




#37
Ethyl Acetate
Concen: 5.259 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

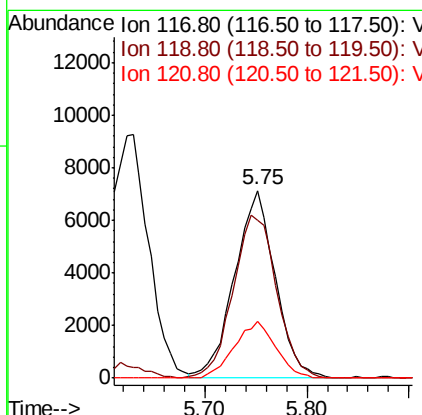
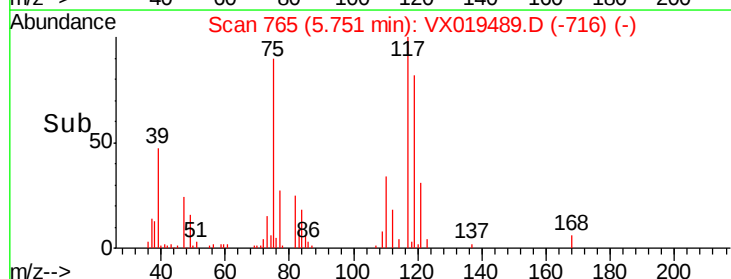
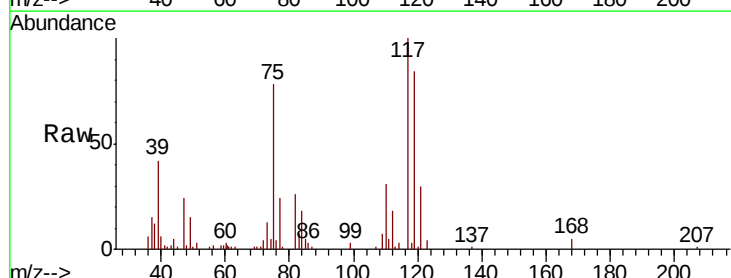
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

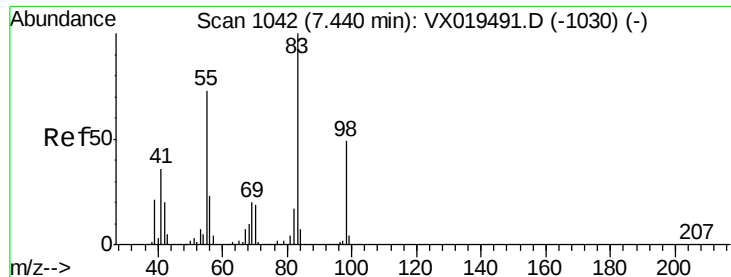
Tot Ion: 43 Resp: 19857
Ion Ratio Lower Upper
43 100
61 16.3 12.7 19.1
70 13.2 10.2 15.2



#38
Carbon Tetrachloride
Concen: 5.075 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion: 117 Resp: 19760
Ion Ratio Lower Upper
117 100
119 84.4 75.9 113.9
121 30.4 24.0 36.0

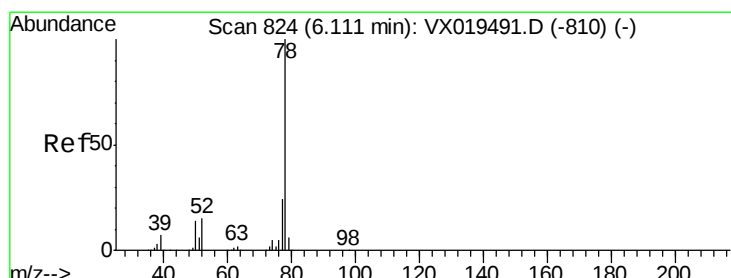
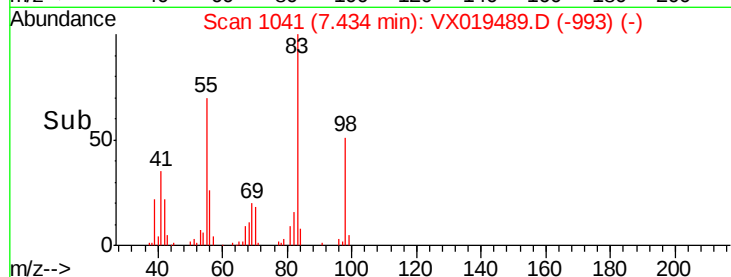
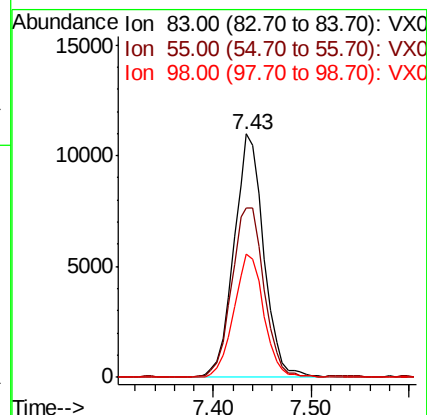
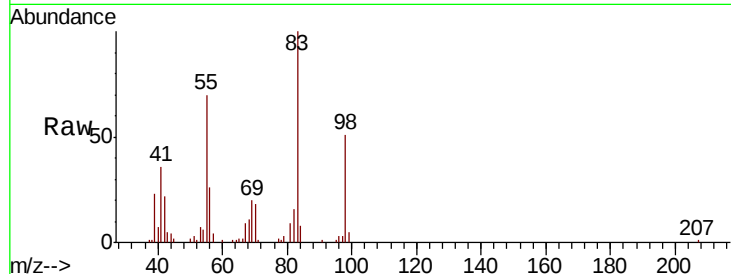




#39
Methvlcvclohexane
Concen: 4.922 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

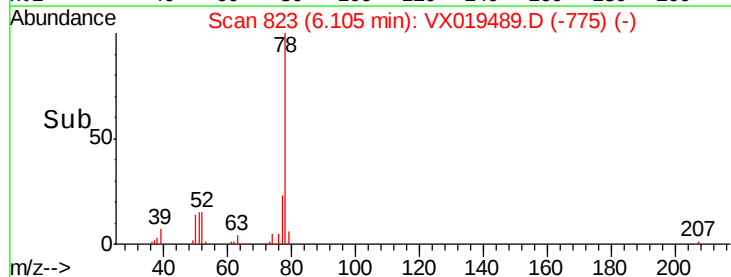
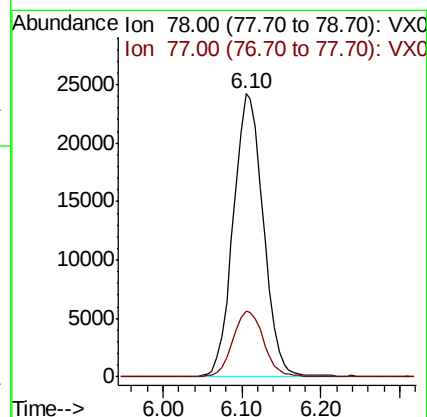
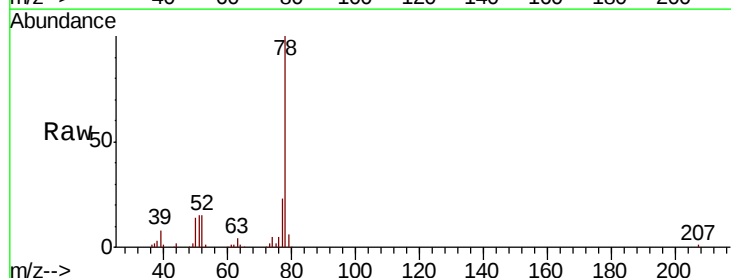
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

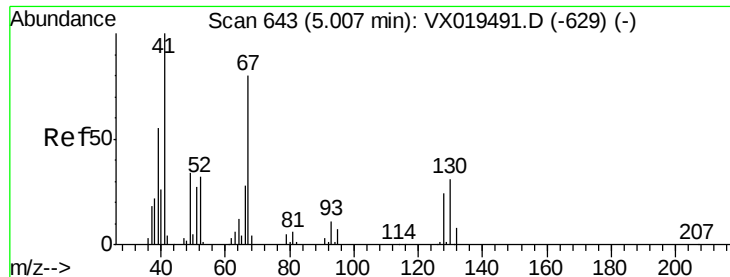
Tot Ion: 83 Resp: 23053
Ion Ratio Lower Upper
83 100
55 69.5 58.3 87.5
98 50.7 38.9 58.3



#40
Benzene
Concen: 5.191 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion: 78 Resp: 64155
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3





#41

Methacrylonitrile

Concen: 4.892 ug/l

RT: 5.01 min Scan# 644

Delta R.T. 0.01 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 10186

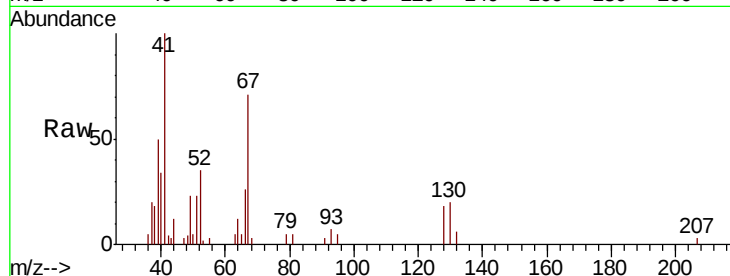
Ion Ratio Lower Upper

41 100

39 55.4 43.3 64.9

67 84.2 66.0 99.0

52 33.8 25.4 38.2

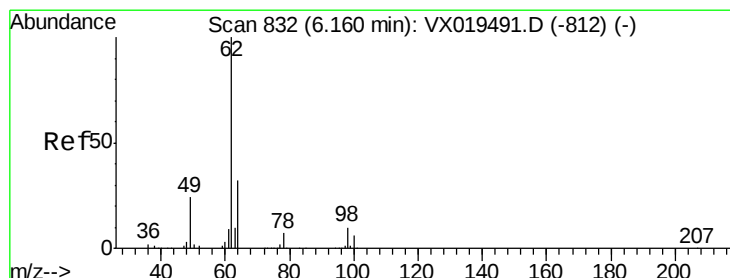
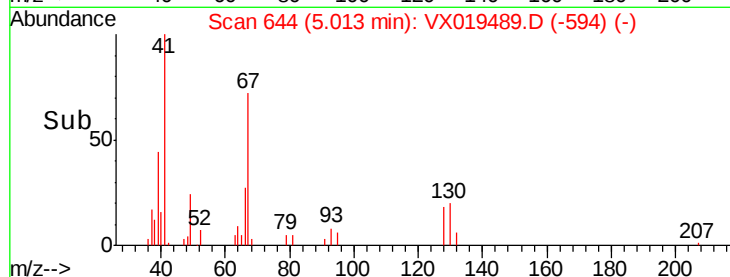
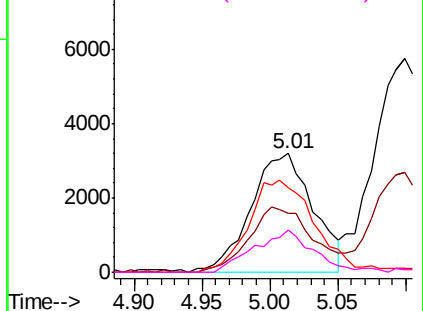


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 5.246 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX019489.D

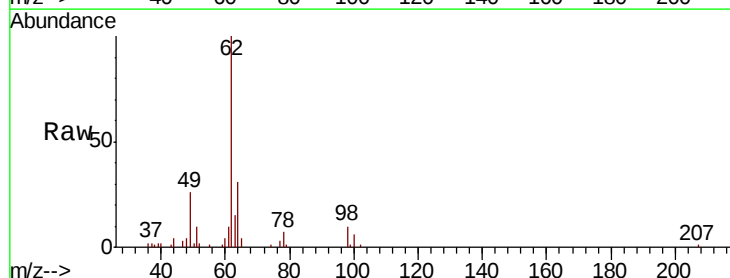
Acq: 20 Nov 2020 10:07

Tgt Ion: 62 Resp: 22224

Ion Ratio Lower Upper

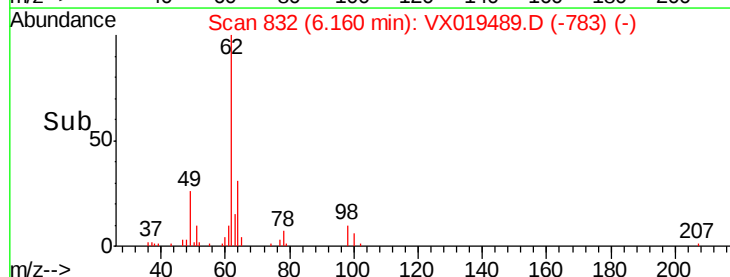
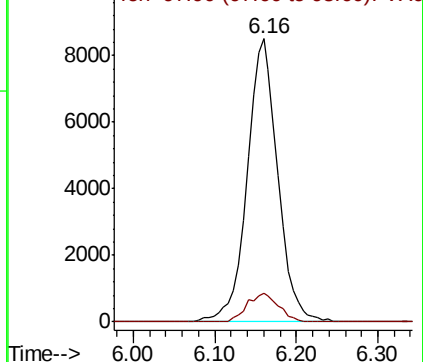
62 100

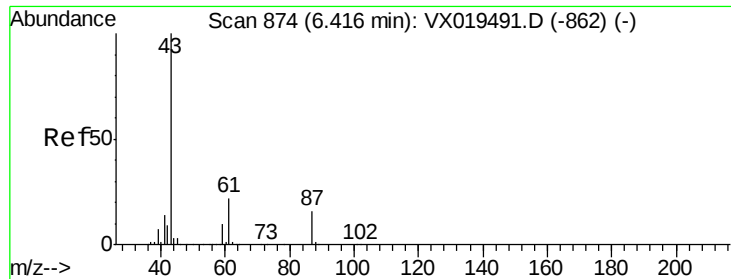
98 10.3 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.967 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

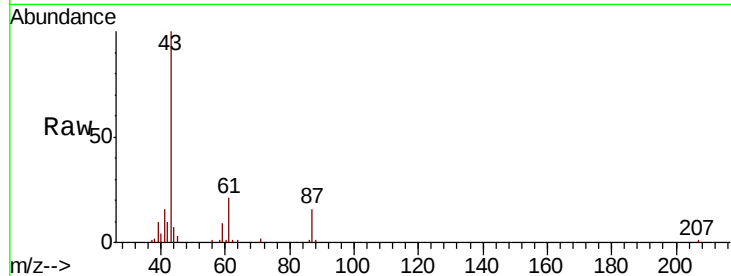
Tot Ion: 43 Resp: 31529

Ion Ratio Lower Upper

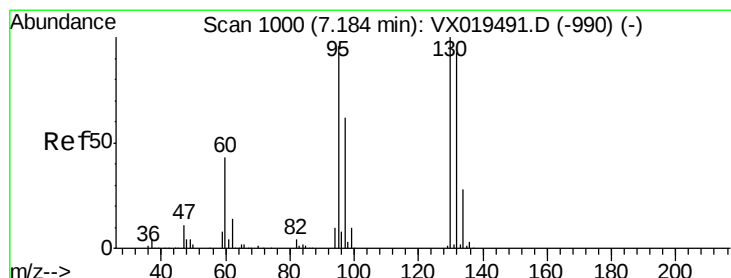
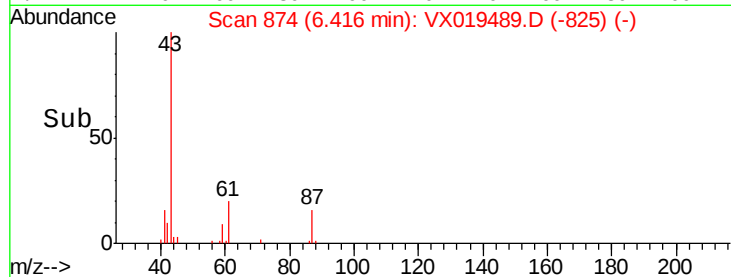
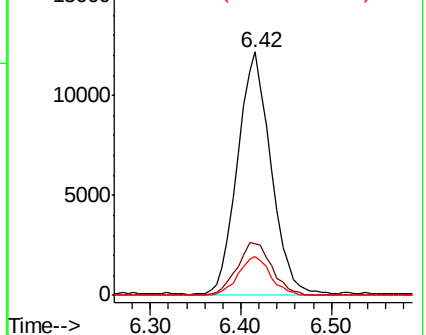
43 100

61 22.0 18.2 27.2

87 15.1 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.104 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019489.D

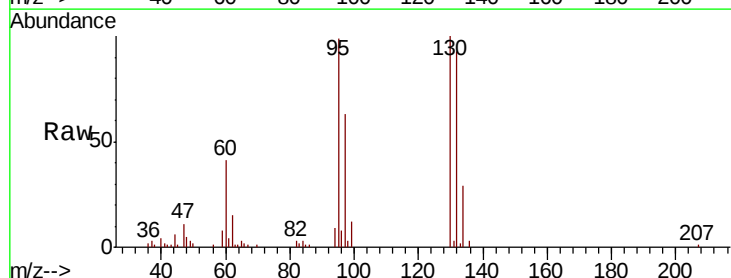
Acq: 20 Nov 2020 10:07

Tgt Ion: 130 Resp: 16522

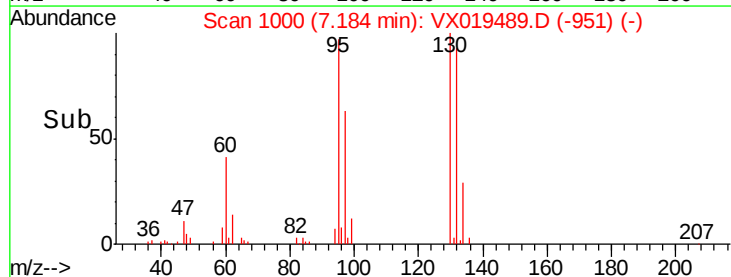
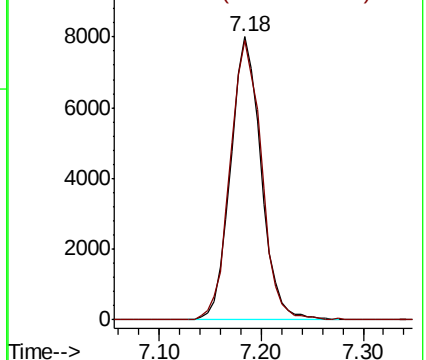
Ion Ratio Lower Upper

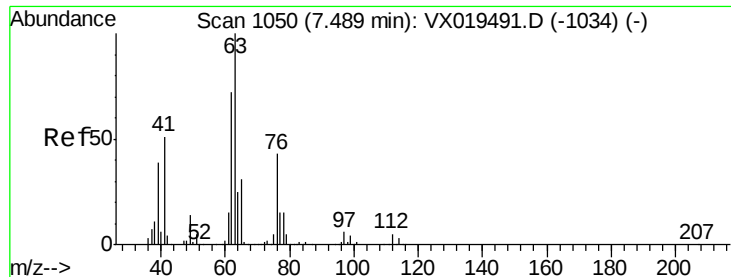
130 100

95 98.6 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.094 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

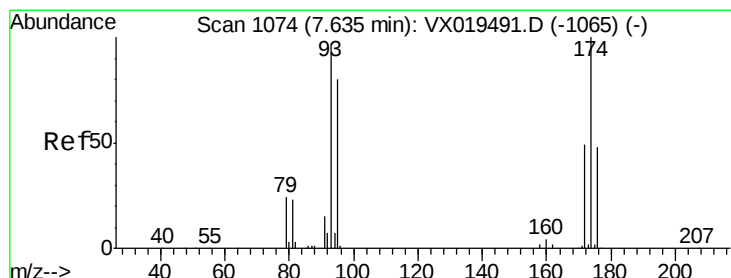
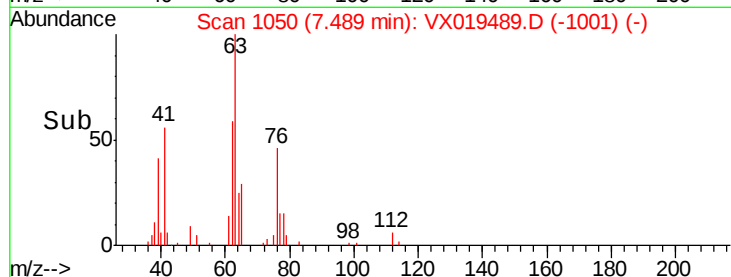
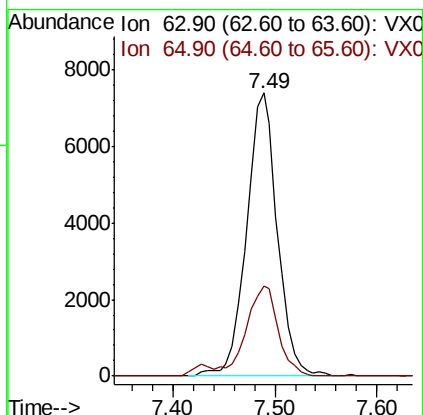
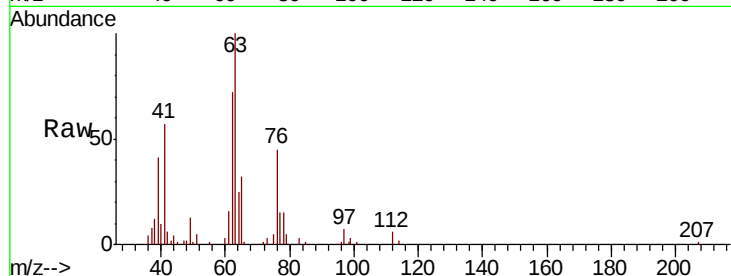
VSTDIC005

Tot Ion: 63 Resp: 15498

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#46

Dibromomethane

Concen: 5.105 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

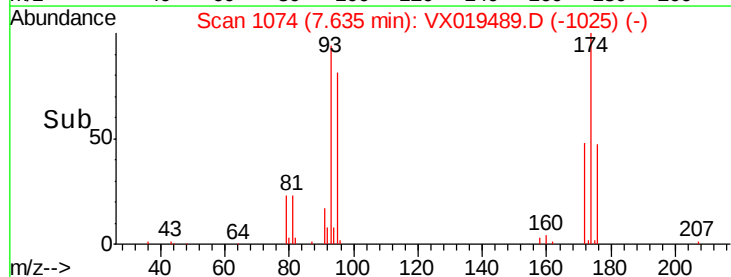
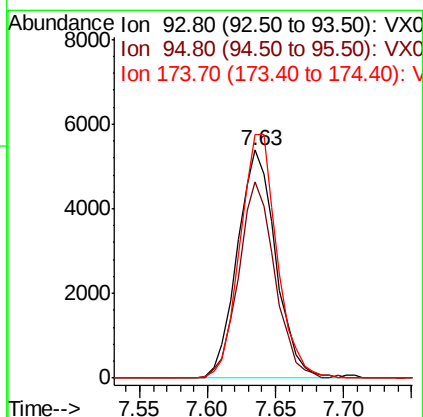
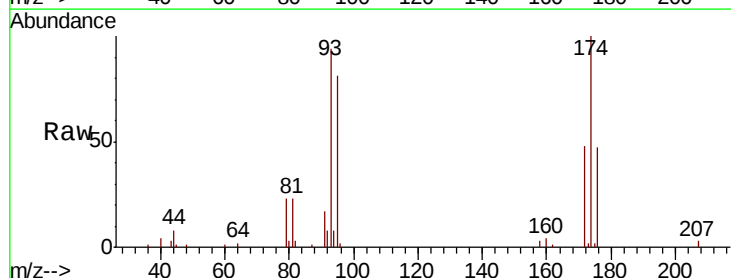
Tgt Ion: 93 Resp: 10630

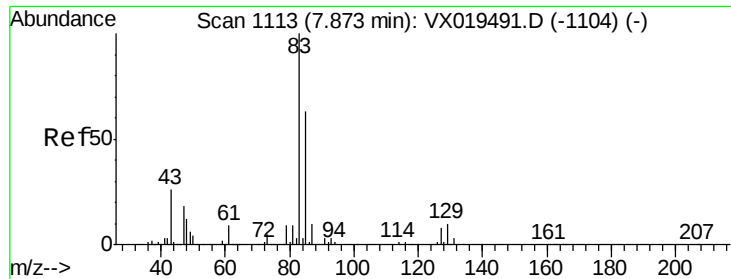
Ion Ratio Lower Upper

93 100

95 80.6 66.8 100.2

174 103.3 83.0 124.4

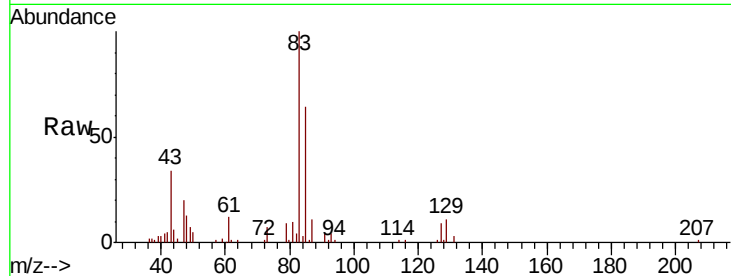




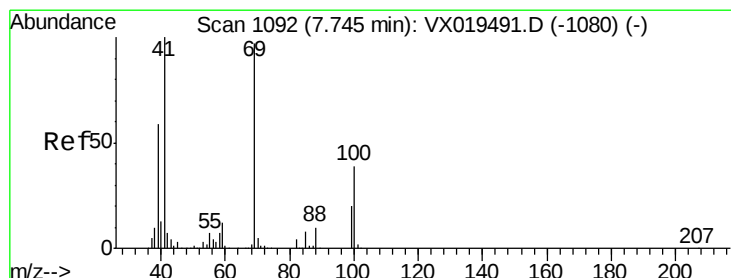
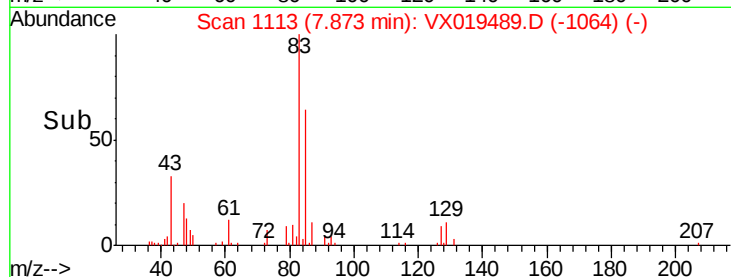
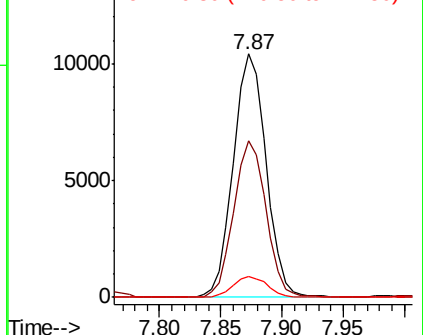
#47
Bromodichloromethane
Concen: 4.784 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion: 83 Resp: 19329
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.2
127 8.6 6.4 9.6

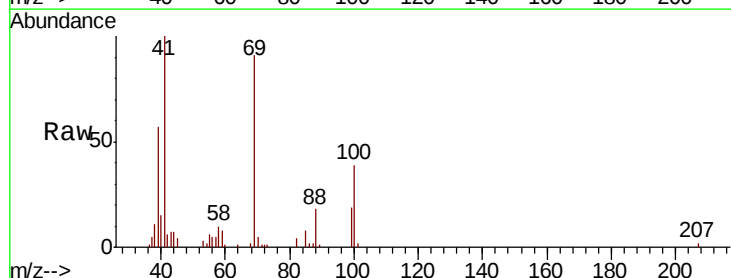


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

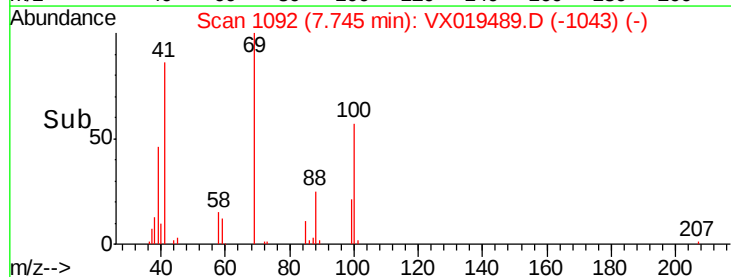
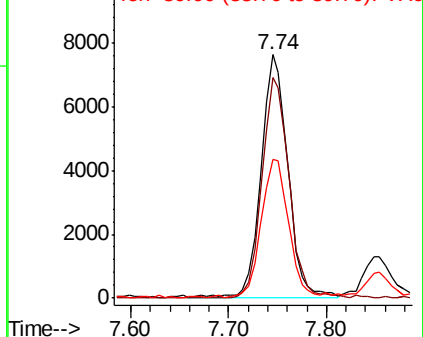


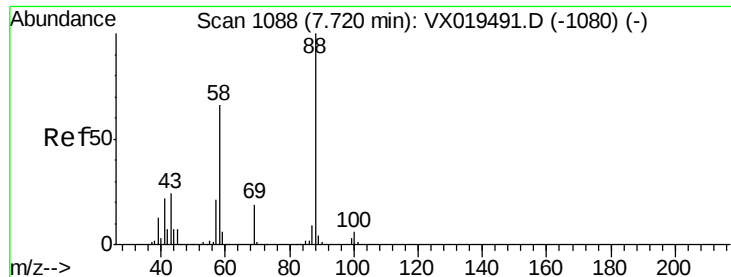
#48
Methyl methacrylate
Concen: 4.899 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion: 41 Resp: 14563
Ion Ratio Lower Upper
41 100
69 90.8 77.0 115.6
39 58.3 45.6 68.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

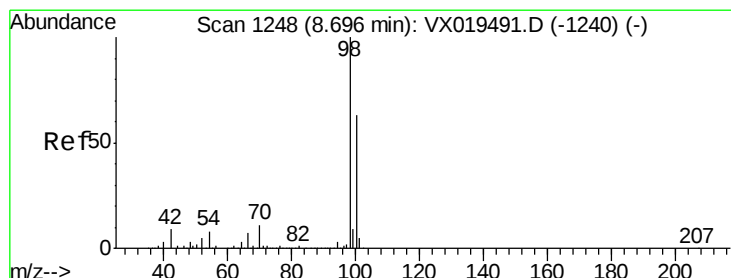
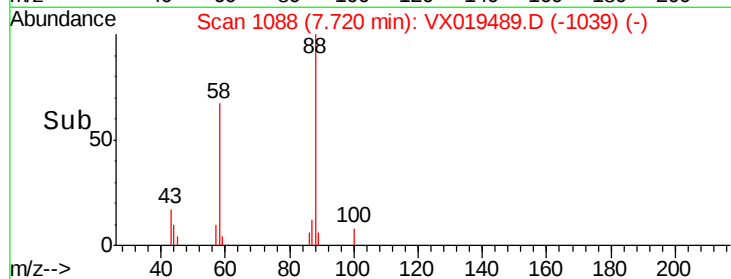
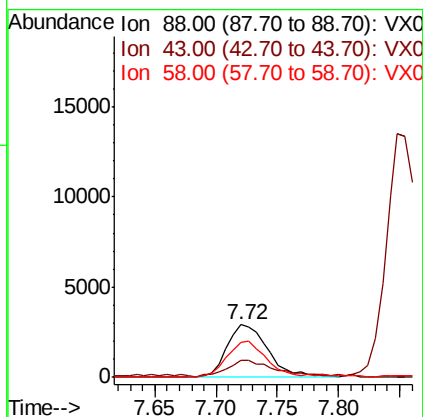
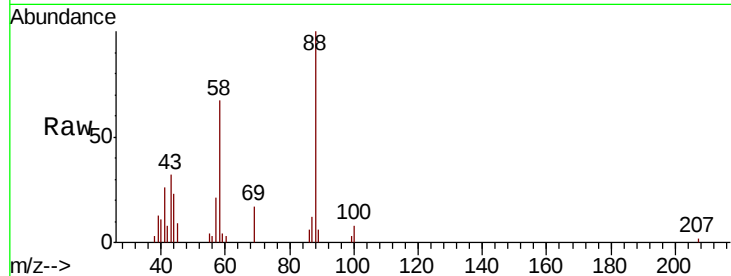




#49
1,4-Dioxane
Concen: 102.048 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

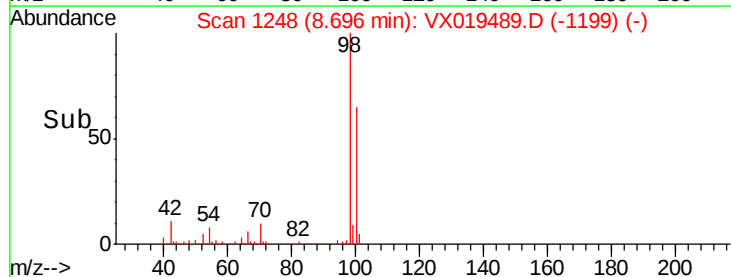
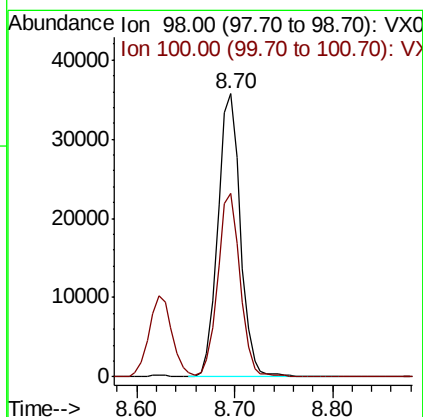
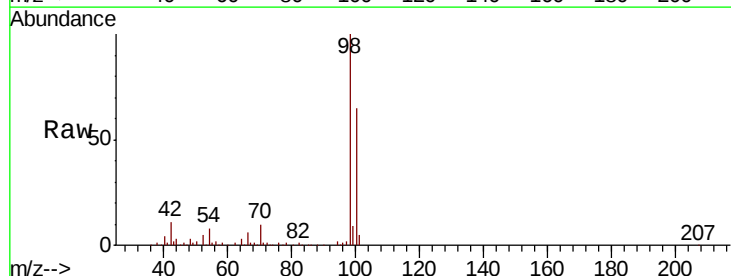
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

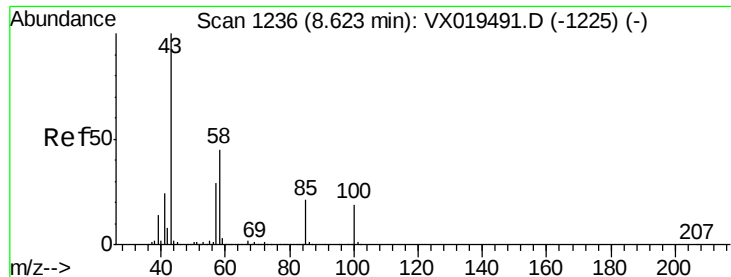
Tot Ion: 88 Resp: 6888
Ion Ratio Lower Upper
88 100
43 38.6 23.8 35.6#
58 64.4 54.2 81.2



#50
Toluene-d8
Concen: 5.457 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion: 98 Resp: 57109
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 24.606 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

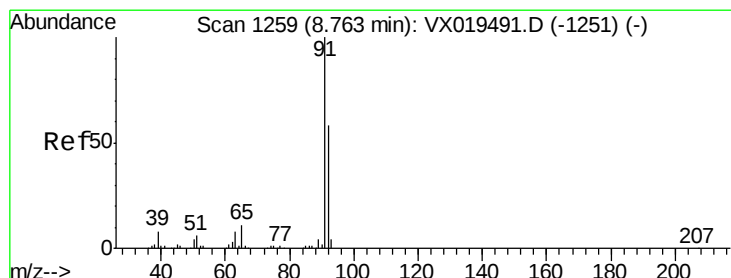
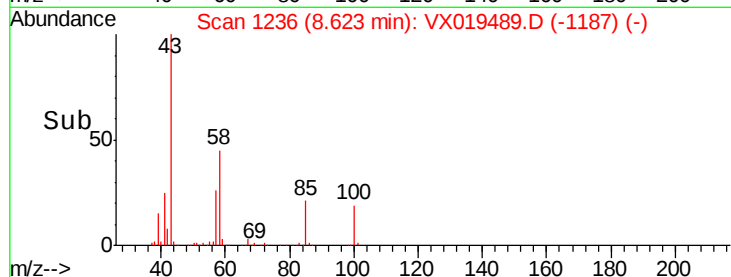
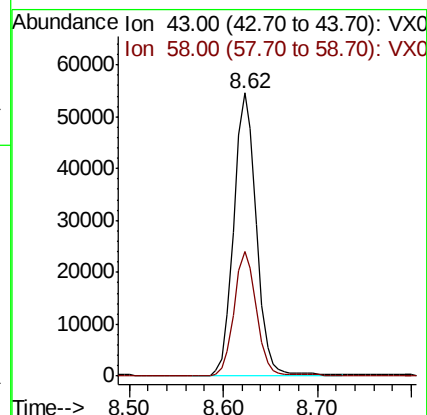
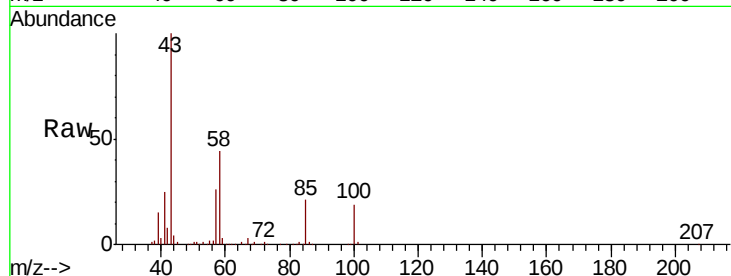
VSTDIC005

Tot Ion: 43 Resp: 91081

Ion Ratio Lower Upper

43 100

58 43.4 35.1 52.7



#52

Toluene

Concen: 5.096 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019489.D

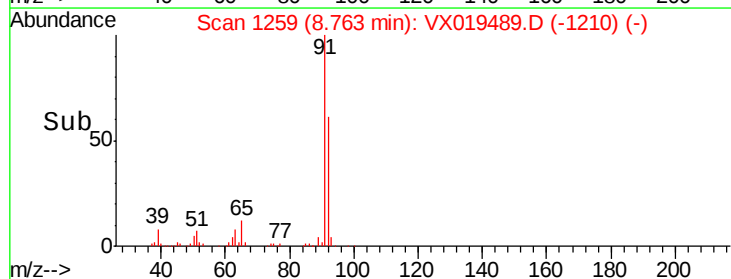
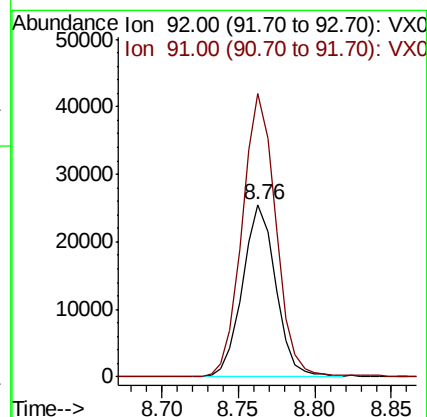
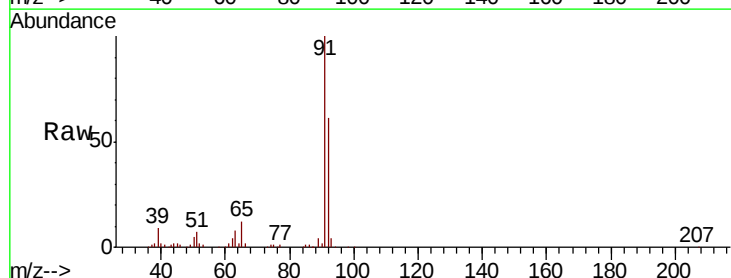
Acq: 20 Nov 2020 10:07

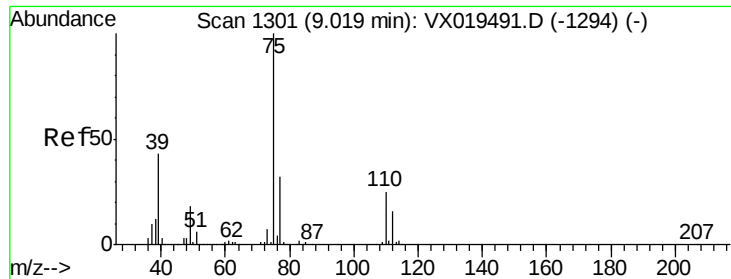
Tgt Ion: 92 Resp: 38527

Ion Ratio Lower Upper

92 100

91 167.9 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 4.561 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

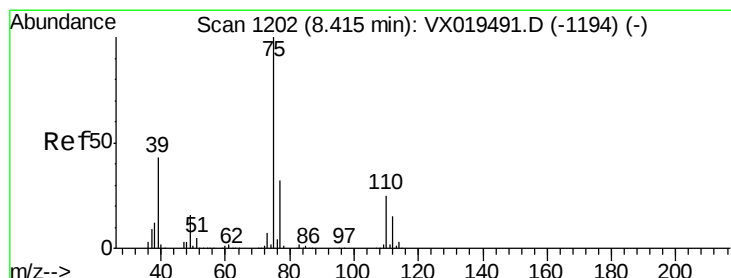
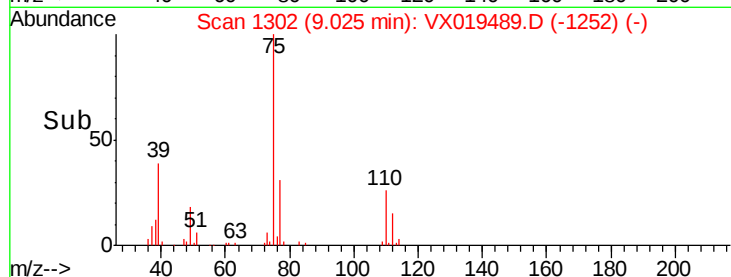
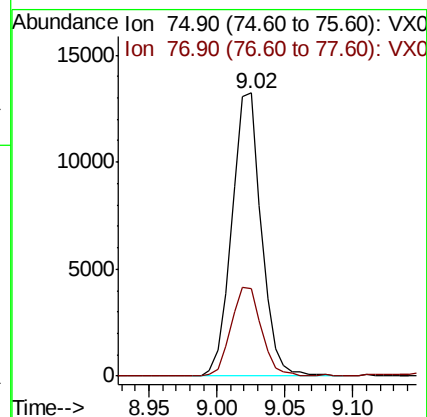
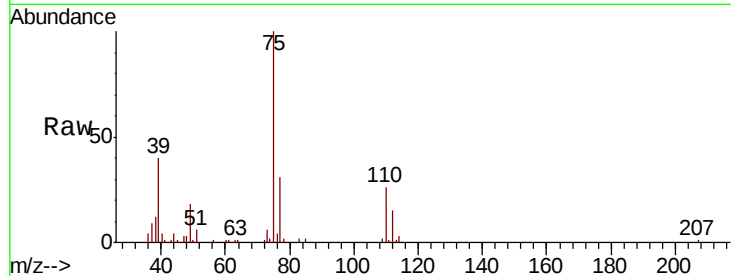
VSTDIC005

Tot Ion: 75 Resp: 19904

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 4.650 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

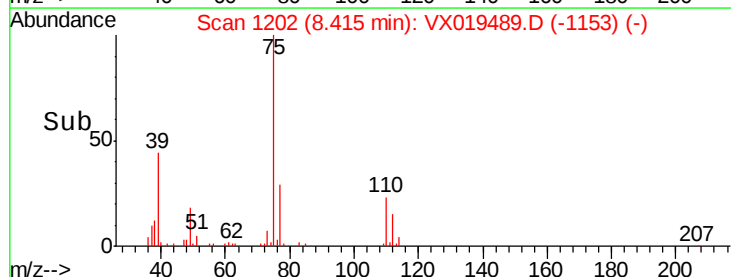
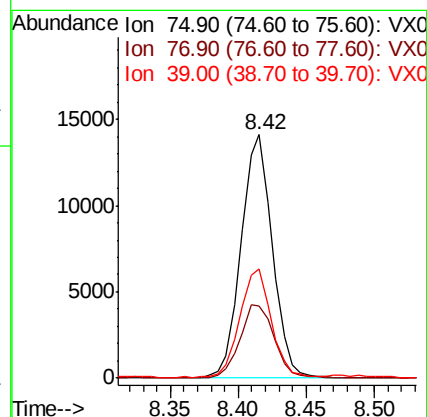
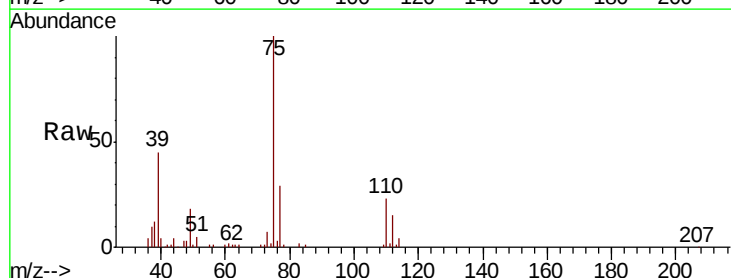
Tgt Ion: 75 Resp: 22518

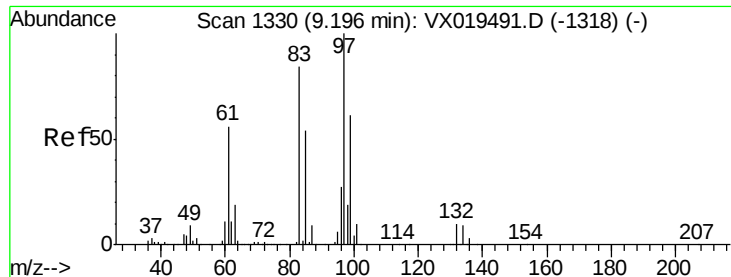
Ion Ratio Lower Upper

75 100

77 29.5 25.8 38.6

39 44.4 34.6 51.8

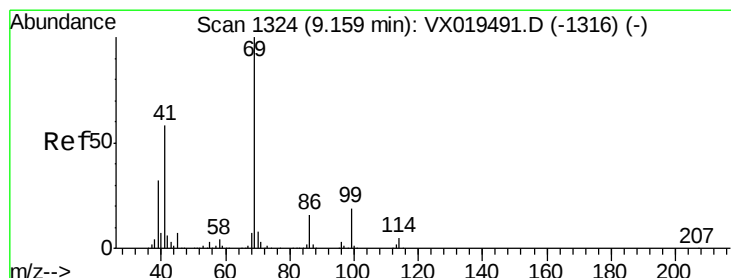
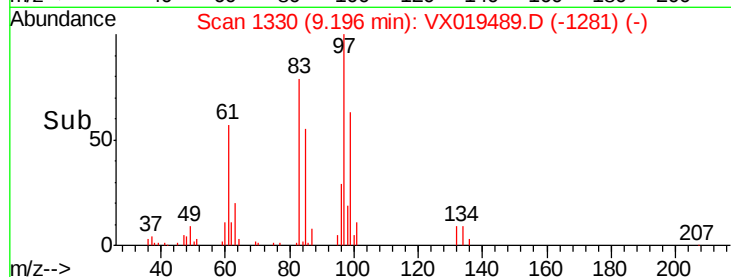
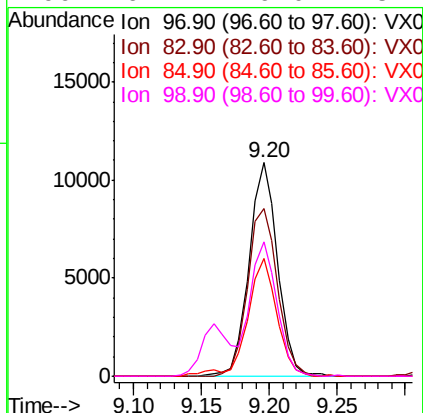
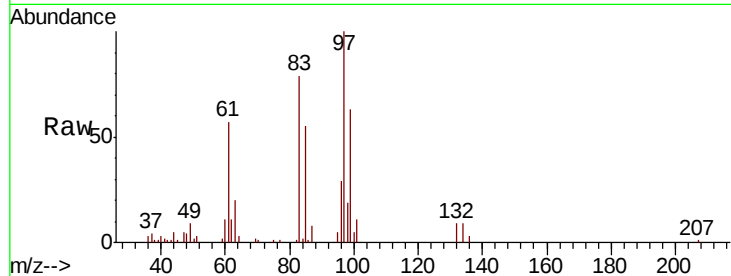




#55
 1,1,2-Trichloroethane
 Concen: 5.190 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019489.D
 Acq: 20 Nov 2020 10:07

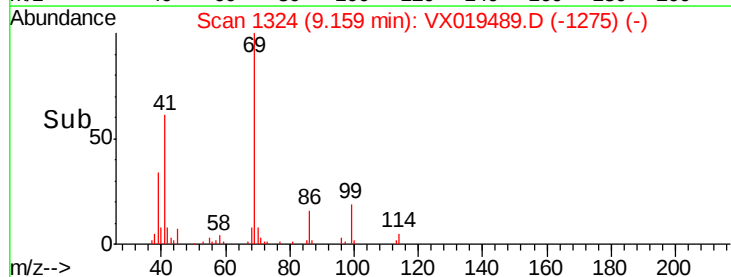
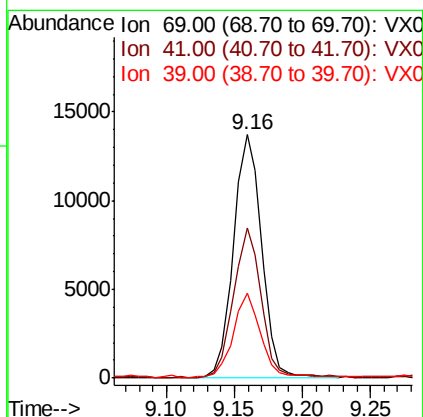
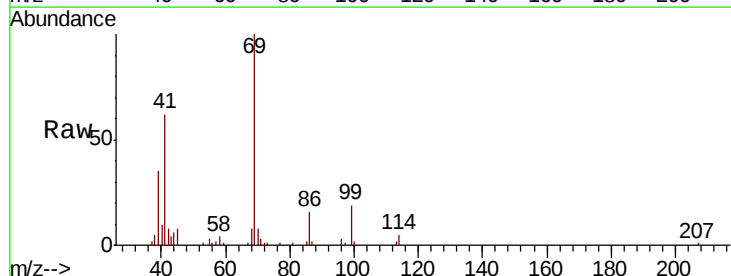
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

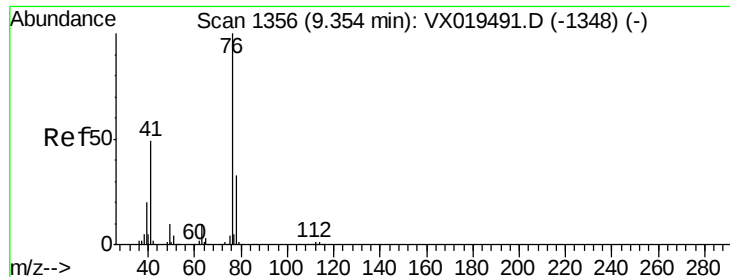
Tot Ion:	97	Resp:	15979
Ion	Ratio	Lower	Upper
97	100		
83	78.7	67.0	100.6
85	55.4	43.4	65.0
99	62.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 4.566 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019489.D
 Acq: 20 Nov 2020 10:07

Tgt Ion:	69	Resp:	19895
Ion	Ratio	Lower	Upper
69	100		
41	61.3	46.2	69.2
39	35.5	25.5	38.3





#57

1,3-Dichloropropane

Concen: 5.119 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

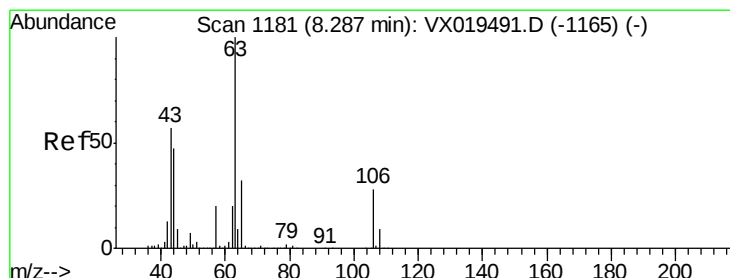
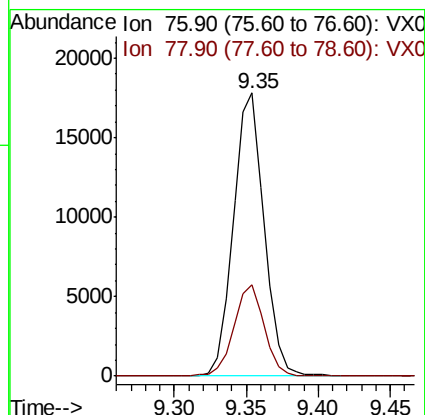
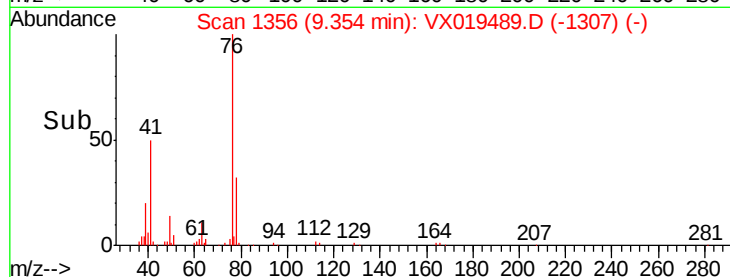
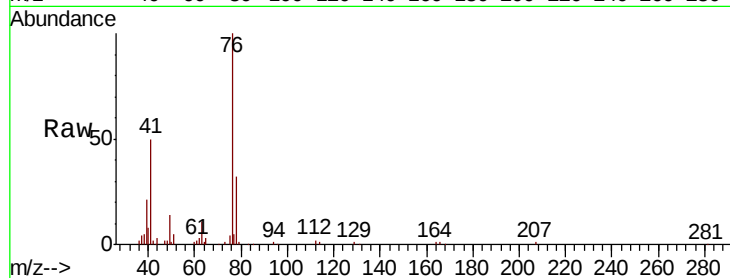
VSTDIC005

Tot Ion: 76 Resp: 26391

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 22.232 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019489.D

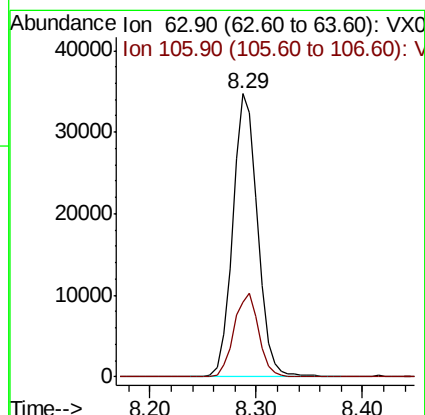
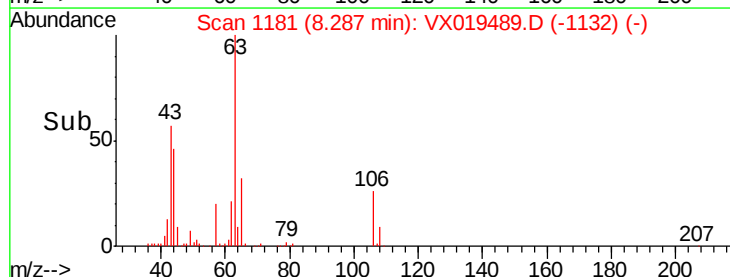
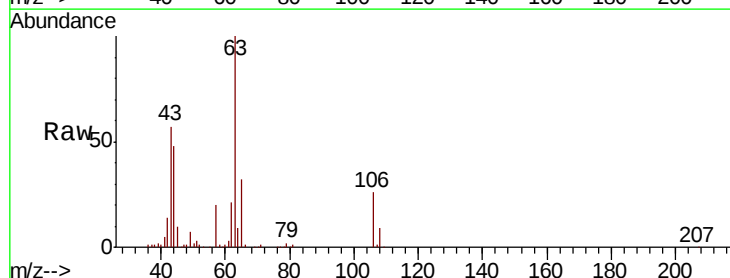
Acq: 20 Nov 2020 10:07

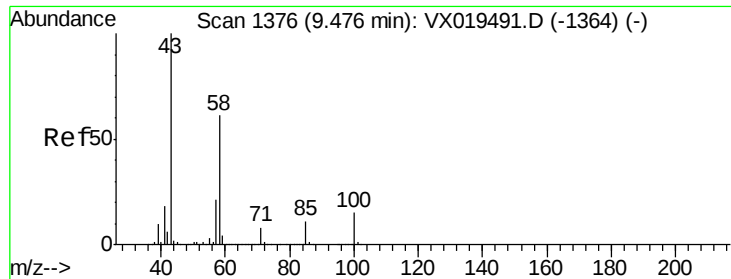
Tgt Ion: 63 Resp: 56757

Ion Ratio Lower Upper

63 100

106 29.5 23.7 35.5

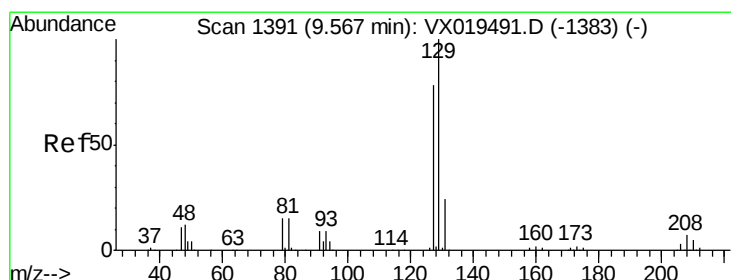
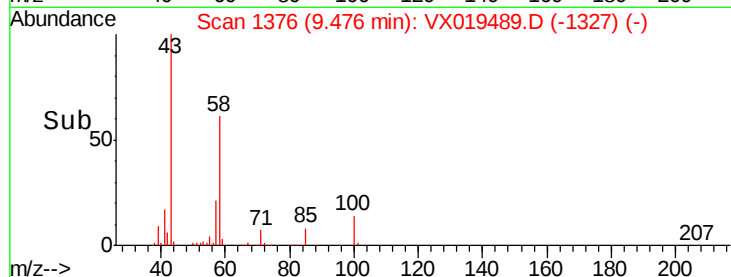
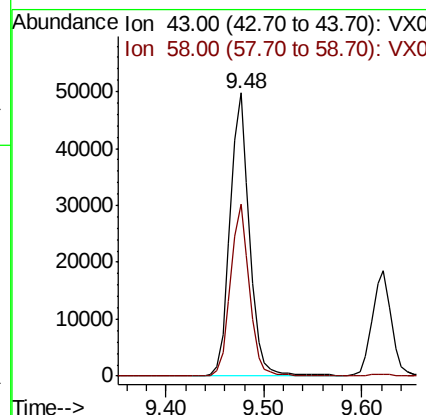
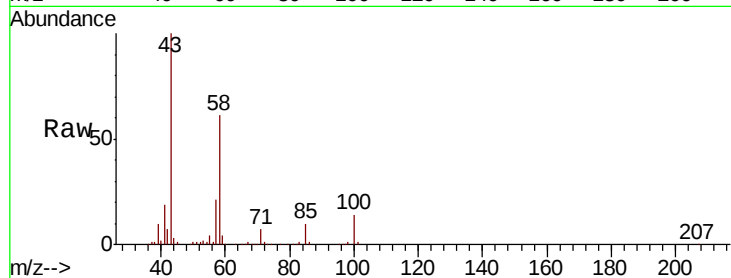




#59
2-Hexanone
Concen: 24.261 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

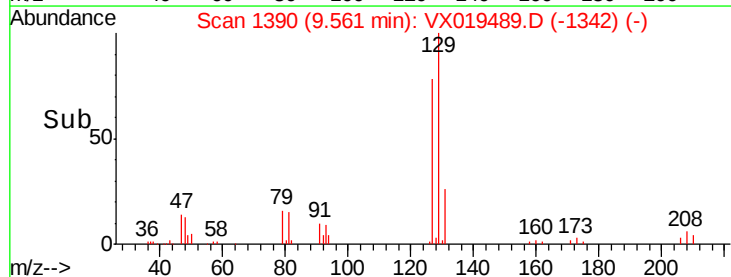
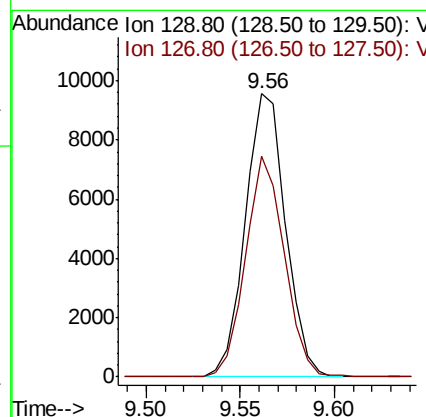
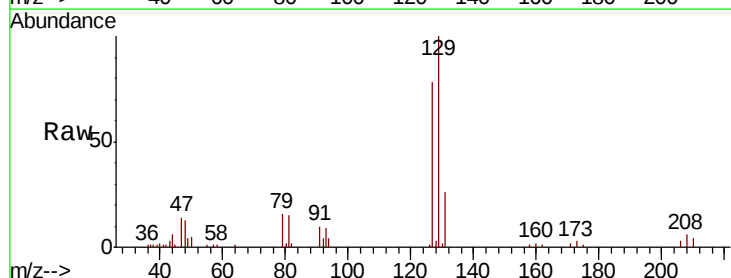
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

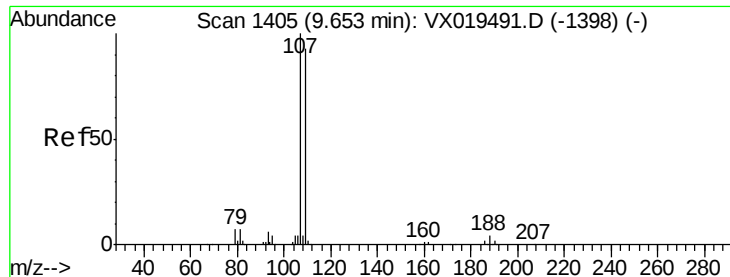
Tot Ion: 43 Resp: 68107
Ion Ratio Lower Upper
43 100
58 59.7 30.6 91.6



#60
Dibromochloromethane
Concen: 4.690 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion: 129 Resp: 14145
Ion Ratio Lower Upper
129 100
127 75.0 39.0 116.9





#61

1,2-Dibromoethane

Concen: 4.923 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

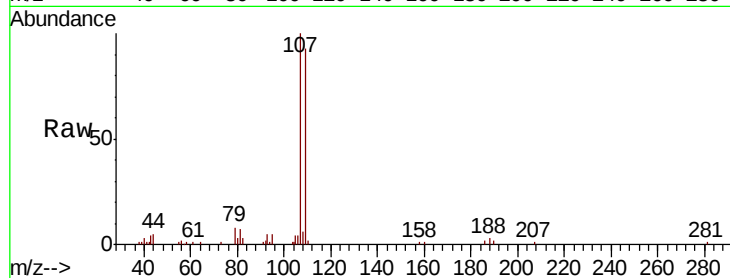
VSTDIC005

Tot Ion:107 Resp: 15626

Ion Ratio Lower Upper

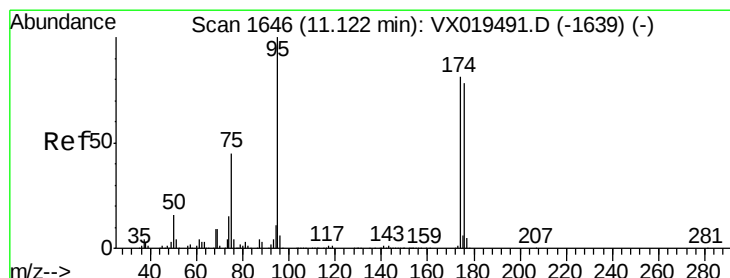
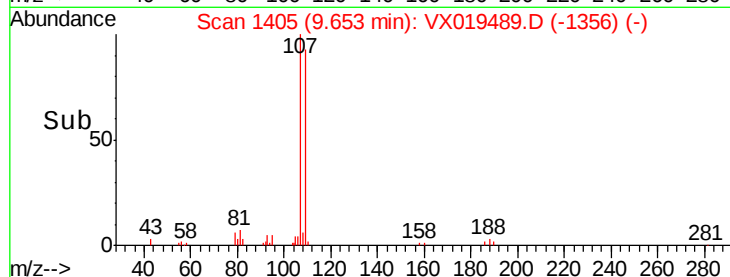
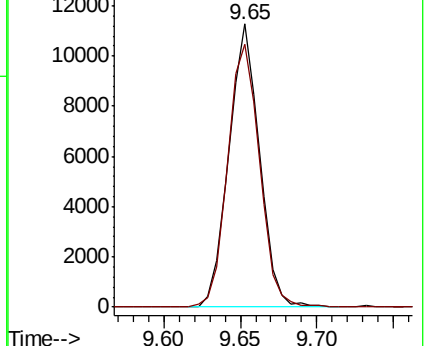
107 100

109 96.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.892 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

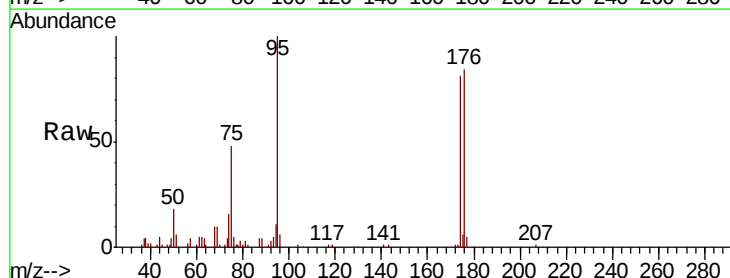
Tgt Ion: 95 Resp: 18421

Ion Ratio Lower Upper

95 100

174 78.2 0.0 156.2

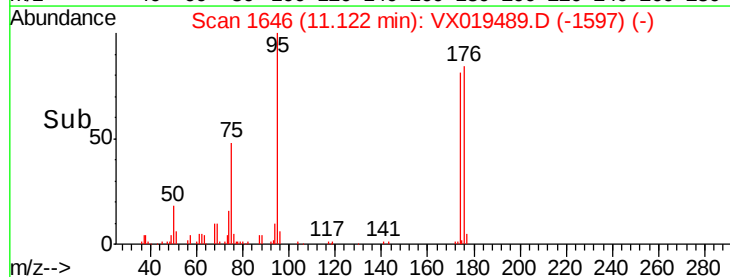
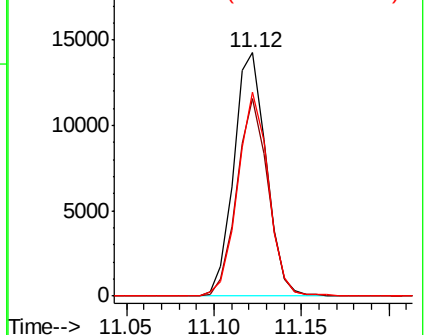
176 79.5 0.0 151.4

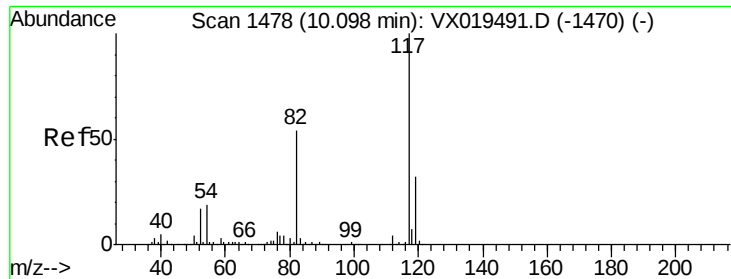


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

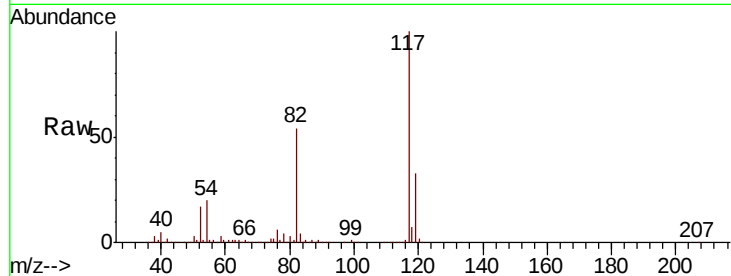




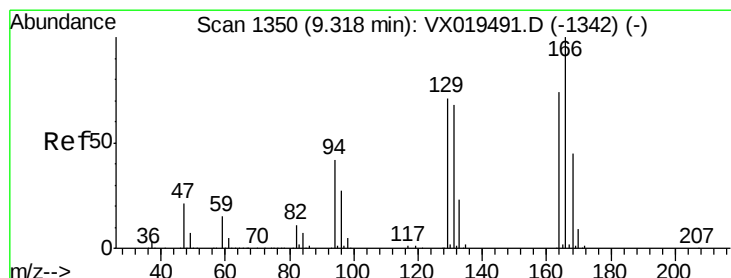
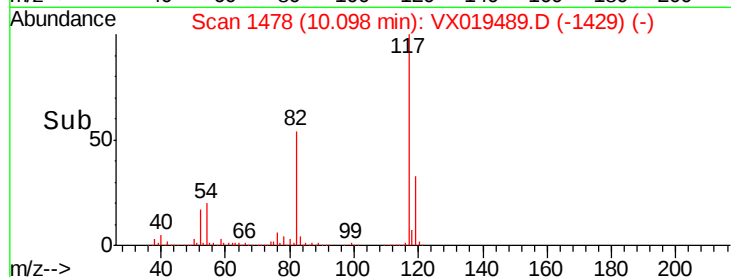
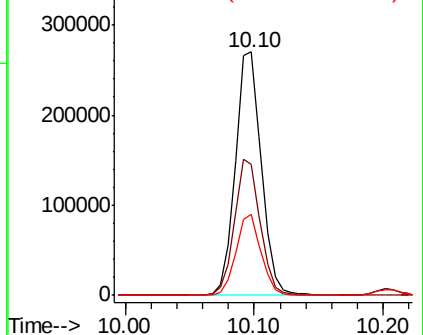
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 379511
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 33.1 25.6 38.4

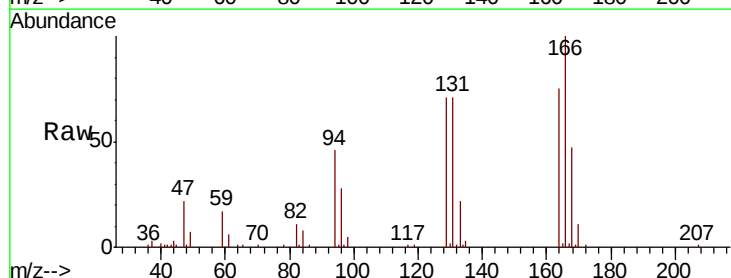


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

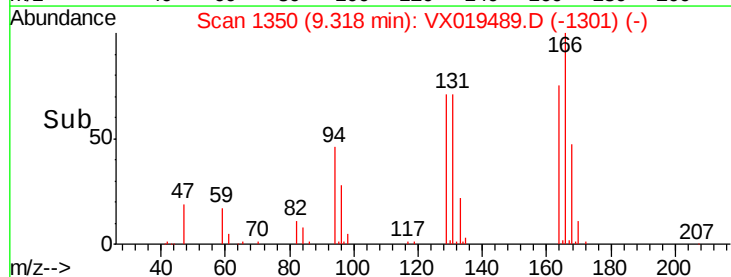
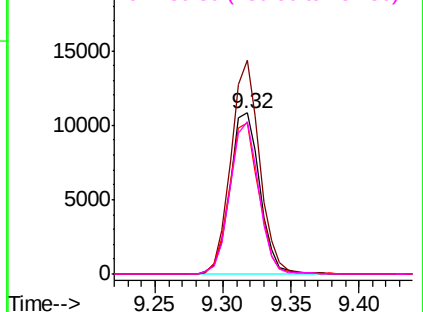


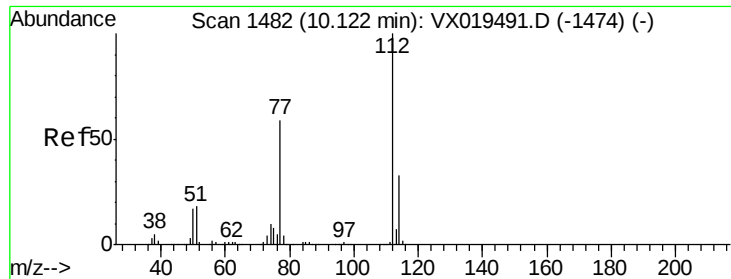
#64
Tetrachloroethene
Concen: 5.524 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion:164 Resp: 16480
Ion Ratio Lower Upper
164 100
166 132.6 107.4 161.0
129 93.8 76.6 114.8
131 94.7 72.6 108.8



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

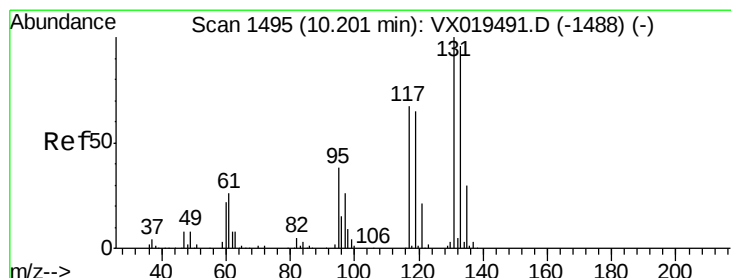
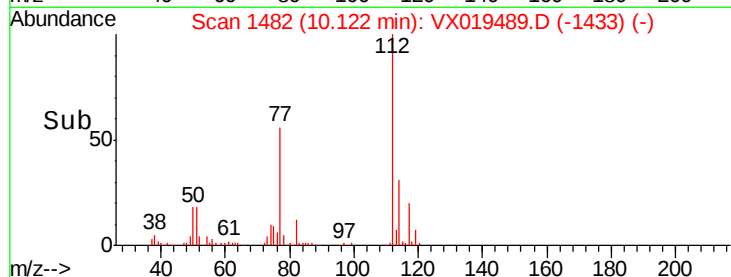
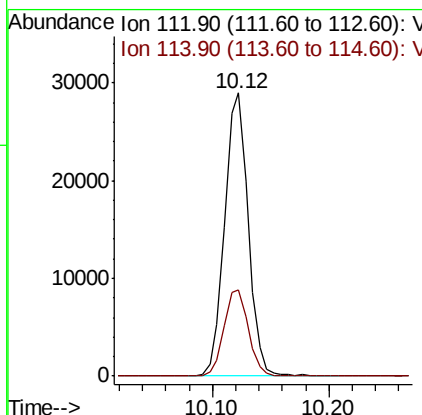
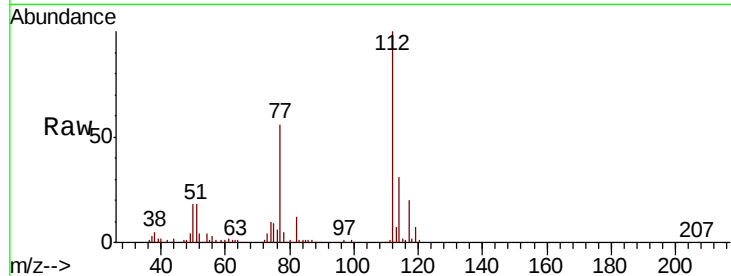




#65
Chlorobenzene
Concen: 5.205 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

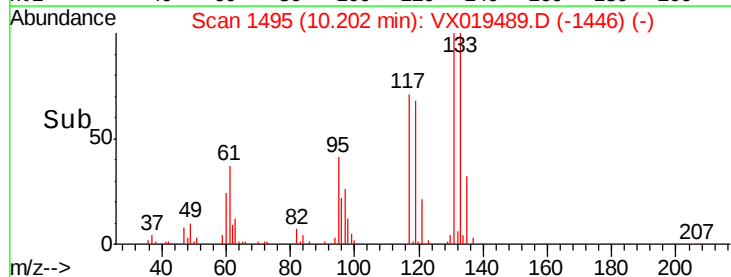
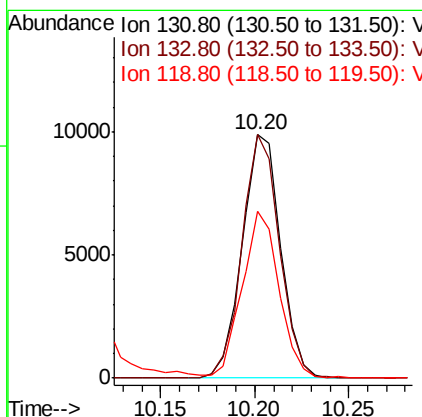
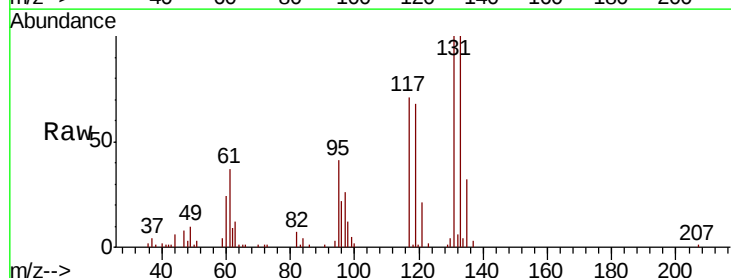
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

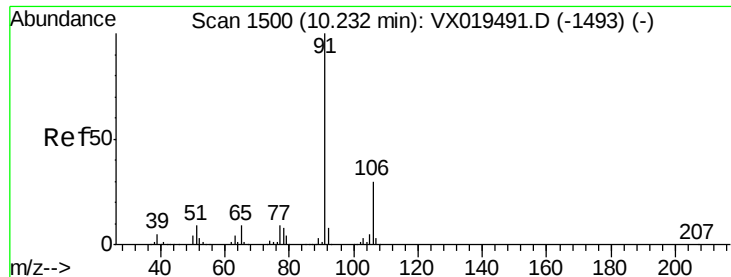
Tot Ion:112 Resp: 40614
Ion Ratio Lower Upper
112 100
114 30.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.917 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion:131 Resp: 13955
Ion Ratio Lower Upper
131 100
133 97.5 48.5 145.5
119 66.2 33.0 99.0

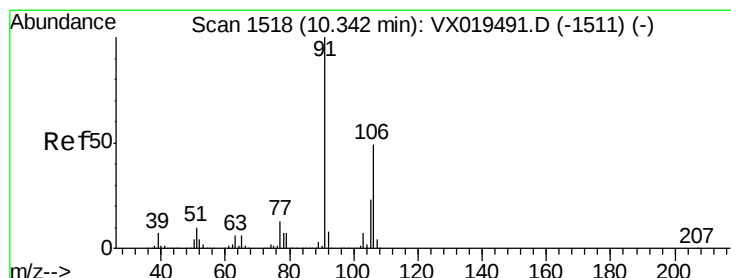
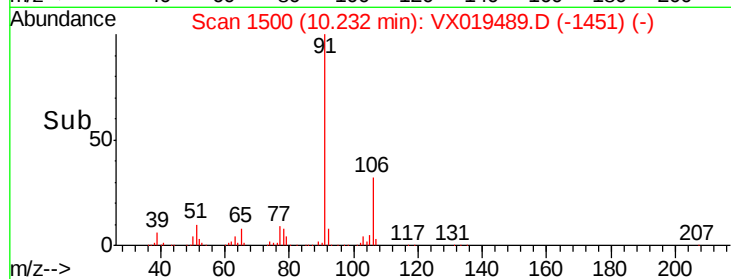
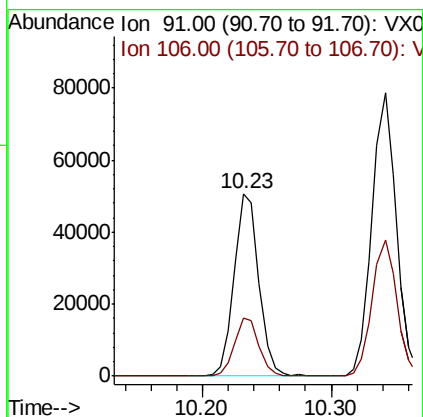
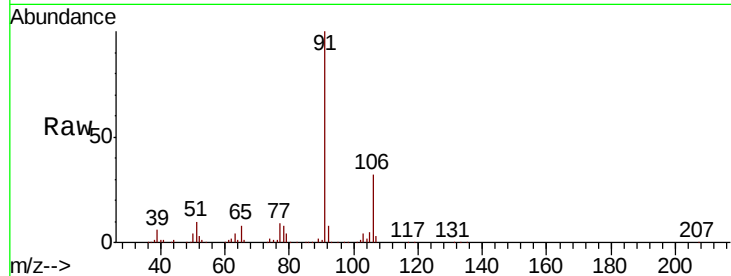




#67
Ethyl Benzene
Concen: 4.974 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

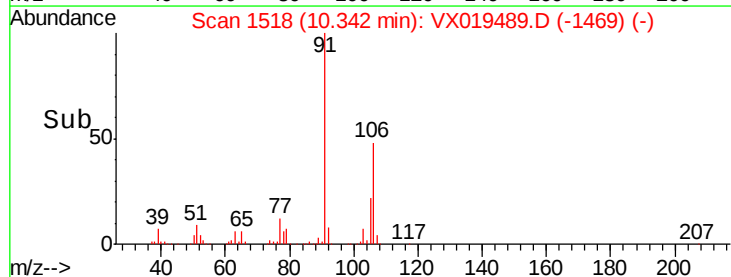
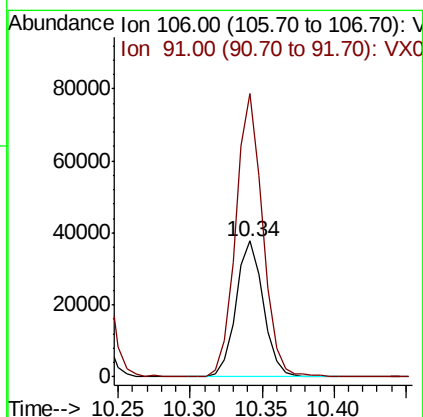
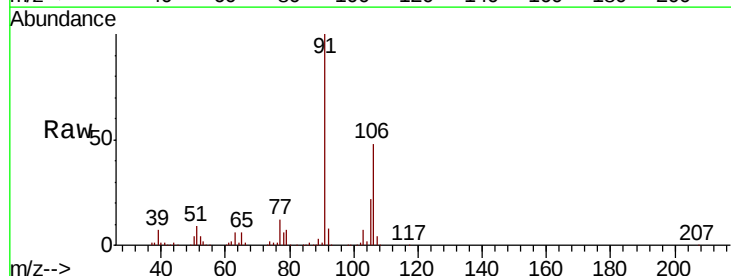
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

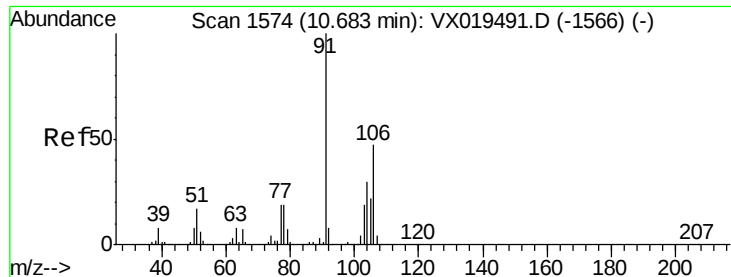
Tot Ion: 91 Resp: 67991
Ion Ratio Lower Upper
91 100
106 31.5 24.0 36.0



#68
m/p-Xylenes
Concen: 9.842 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion: 106 Resp: 50120
Ion Ratio Lower Upper
106 100
91 204.5 163.3 244.9

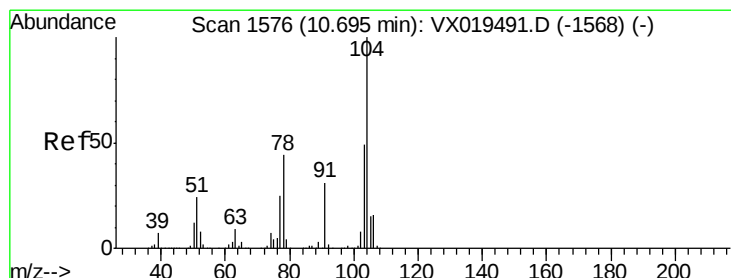
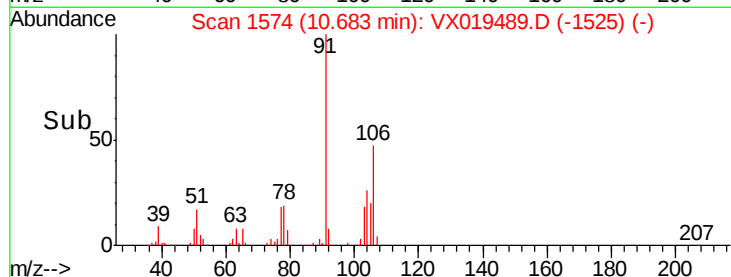
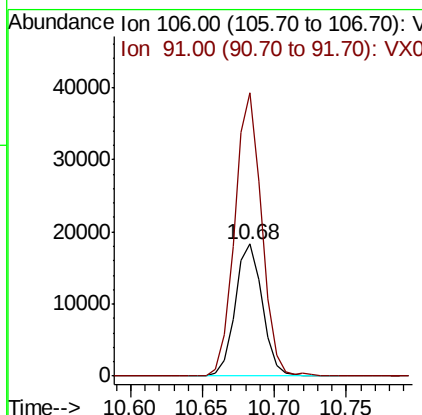
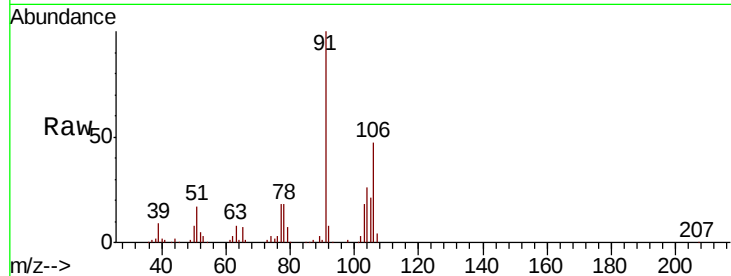




#69
o-Xylene
Concen: 4.961 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

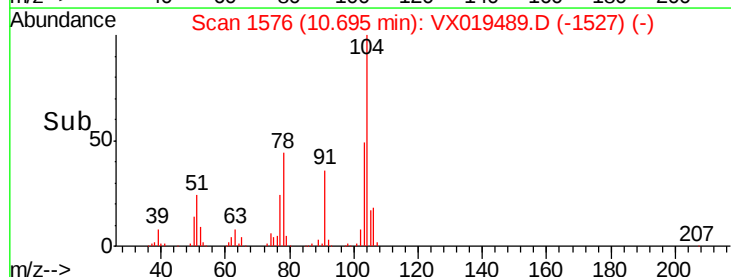
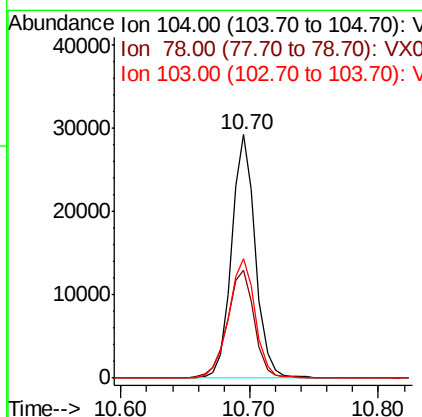
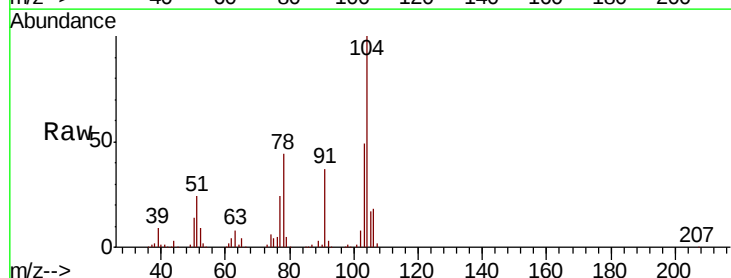
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

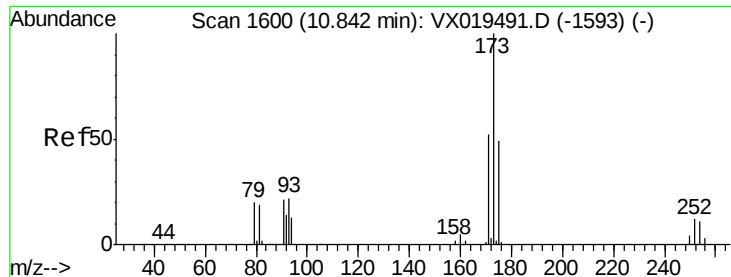
Tot Ion:106 Resp: 24151
Ion Ratio Lower Upper
106 100
91 213.0 108.0 324.0



#70
Styrene
Concen: 4.674 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion:104 Resp: 37775
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 54.7 43.6 65.4

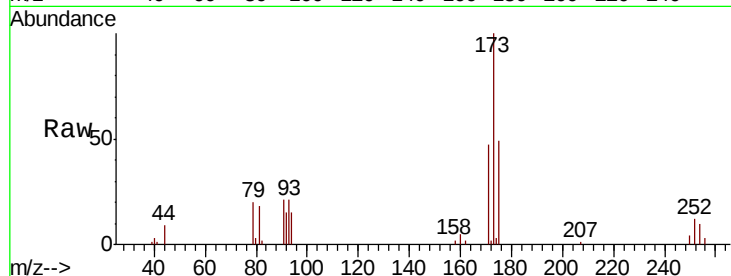




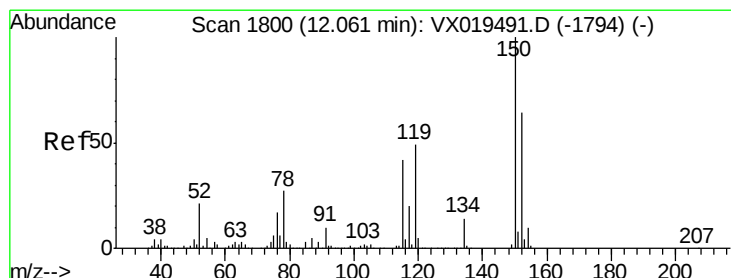
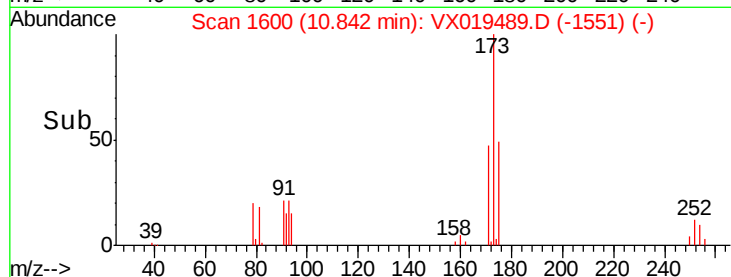
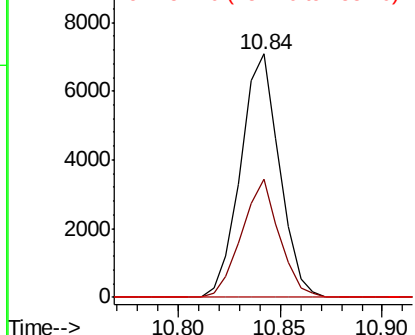
#71
Bromoform
Concen: 4.500 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:173 Resp: 9339
Ion Ratio Lower Upper
173 100
175 47.1 24.9 74.8
254 0.0 0.1 0.1#

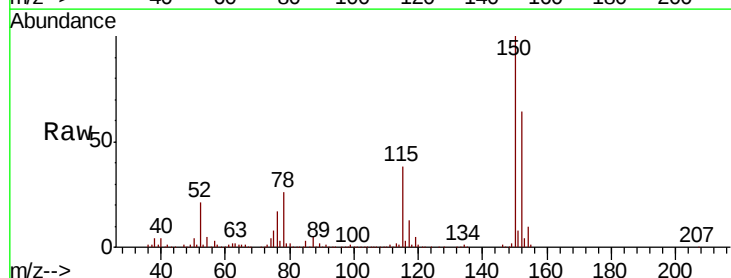


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

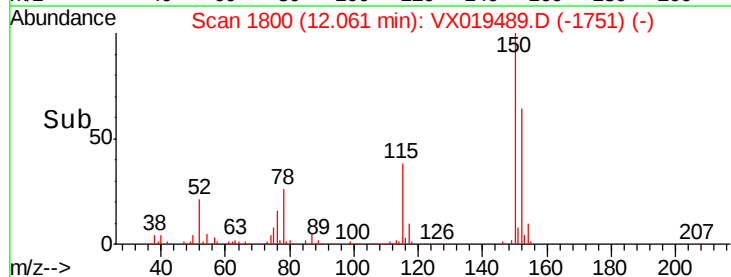
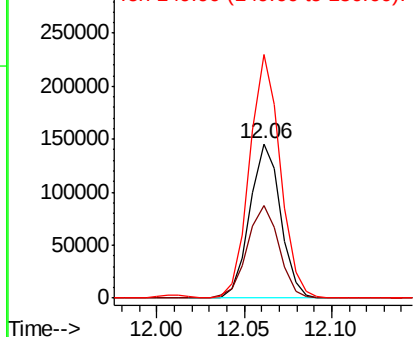


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion:152 Resp: 178322
Ion Ratio Lower Upper
152 100
115 62.3 41.8 125.4
150 156.6 0.0 348.2



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: 5.170 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

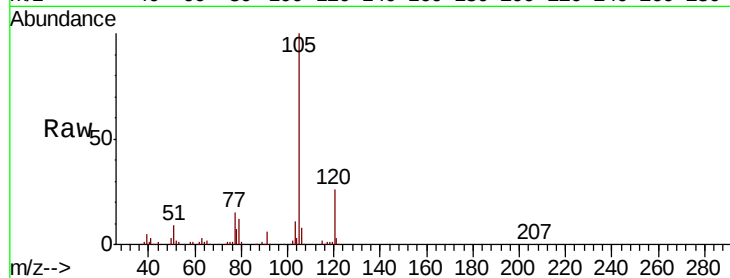
VSTDIC005

Tot Ion:105 Resp: 63775

Ion Ratio Lower Upper

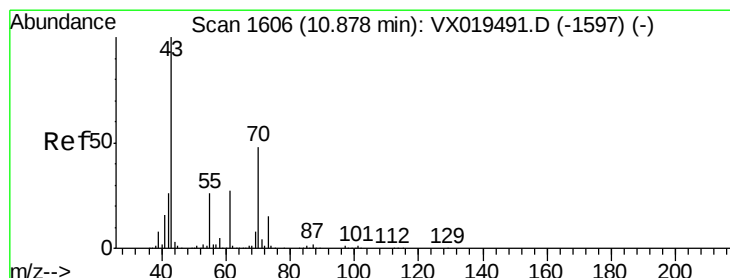
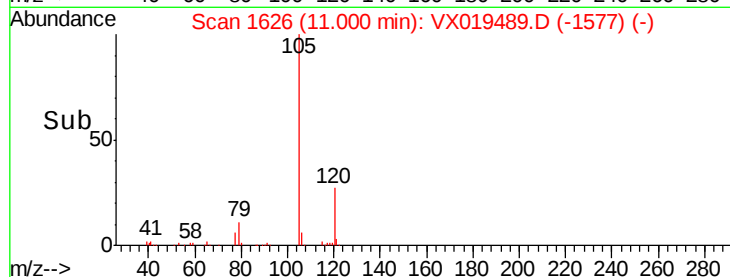
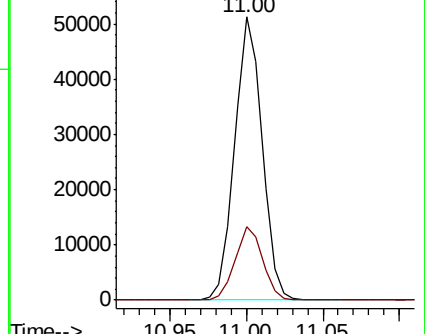
105 100

120 25.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.872 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Tgt Ion: 43 Resp: 22521

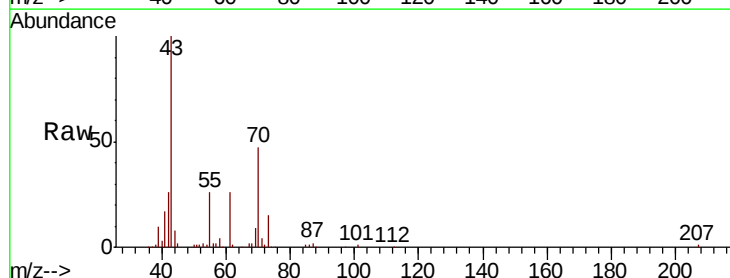
Ion Ratio Lower Upper

43 100

70 48.6 39.7 59.5

55 27.8 21.8 32.6

61 26.3 22.2 33.4

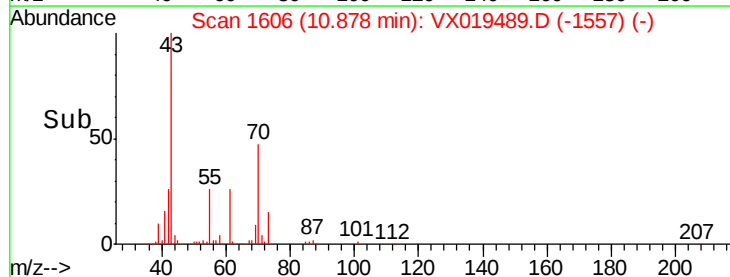
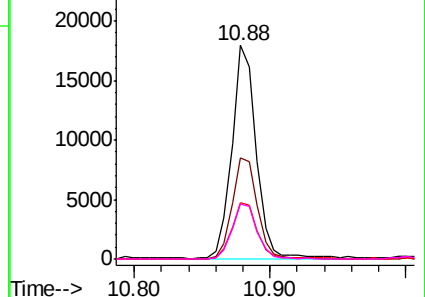


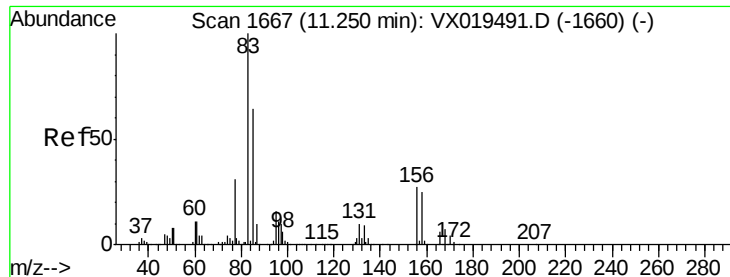
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 5.242 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

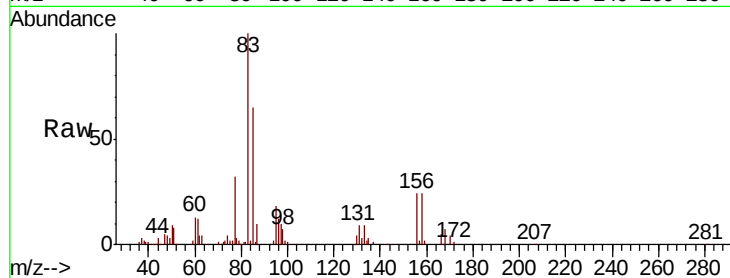
Tot Ion: 83 Resp: 23126

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

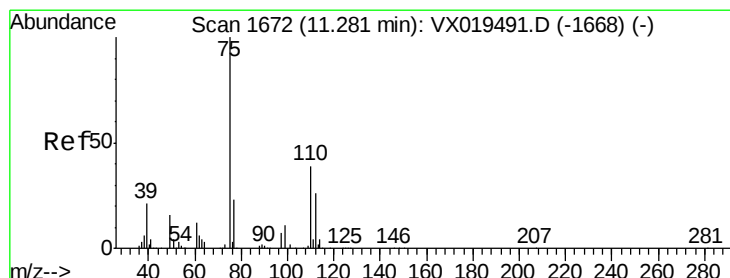
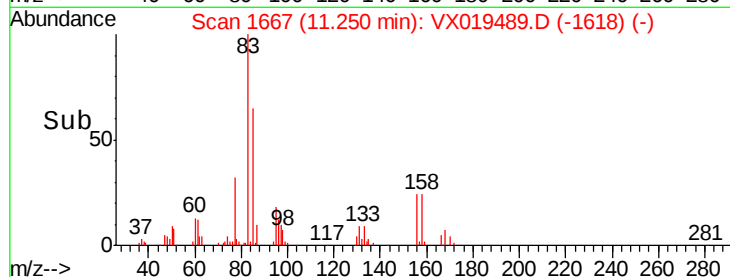
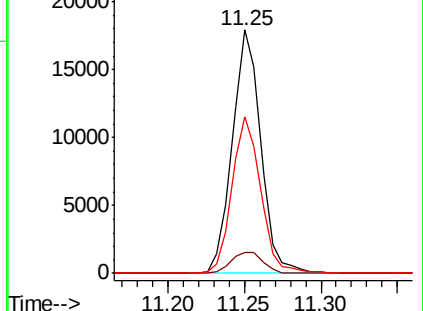
85 64.8 32.4 97.2



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: 6.467 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019489.D

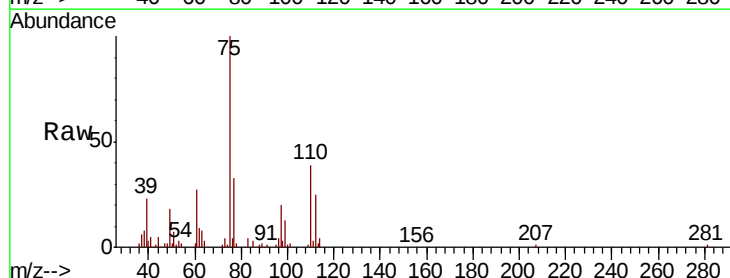
Acq: 20 Nov 2020 10:07

Tgt Ion: 75 Resp: 25165

Ion Ratio Lower Upper

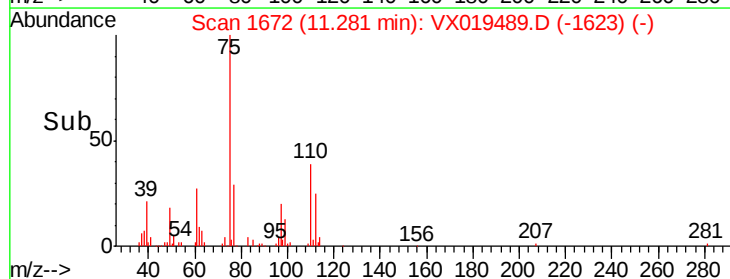
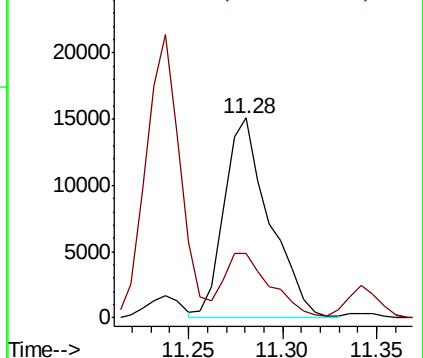
75 100

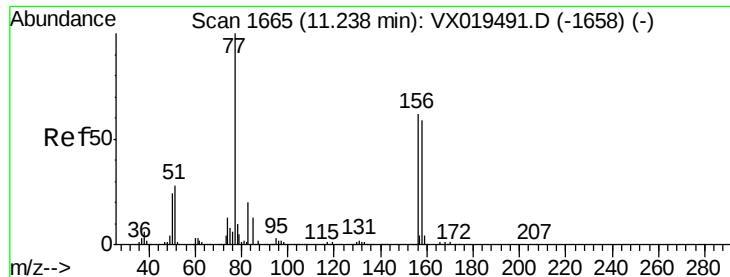
77 32.9 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.202 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

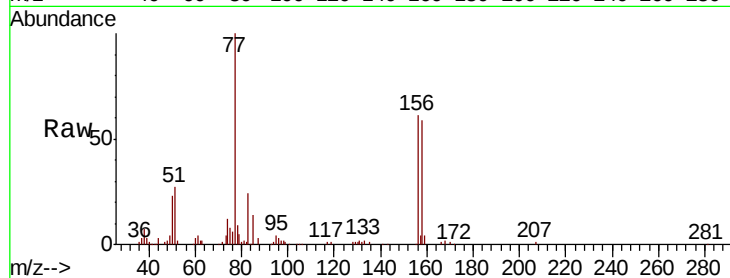
Tot Ion:156 Resp: 16382

Ion Ratio Lower Upper

156 100

77 165.5 82.5 247.3

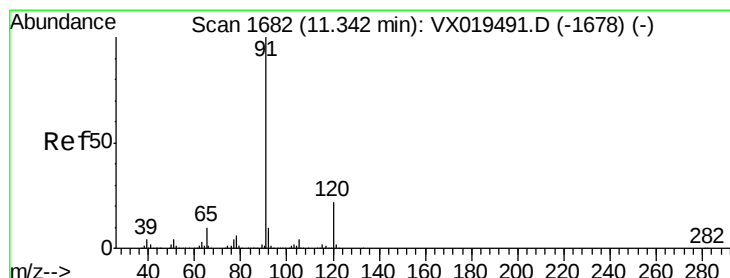
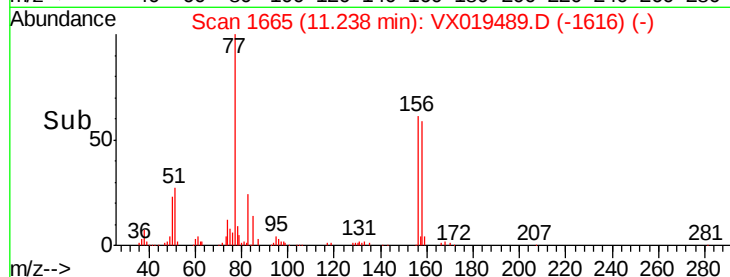
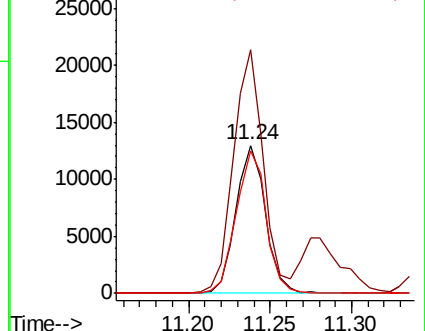
158 97.6 48.9 146.7



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: 5.017 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019489.D

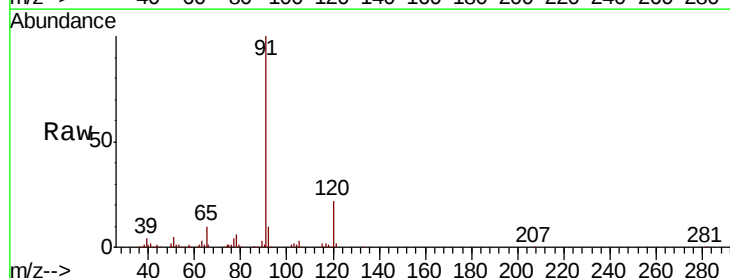
Acq: 20 Nov 2020 10:07

Tgt Ion: 91 Resp: 71003

Ion Ratio Lower Upper

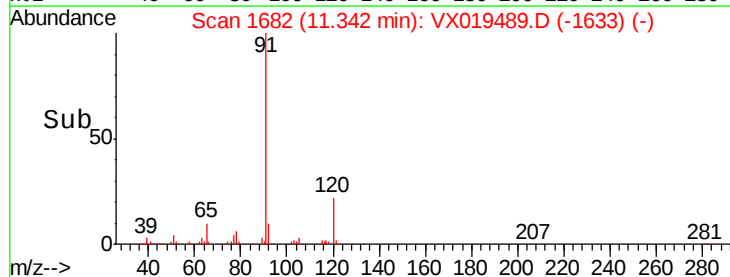
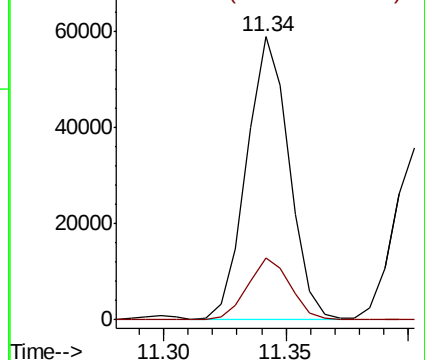
91 100

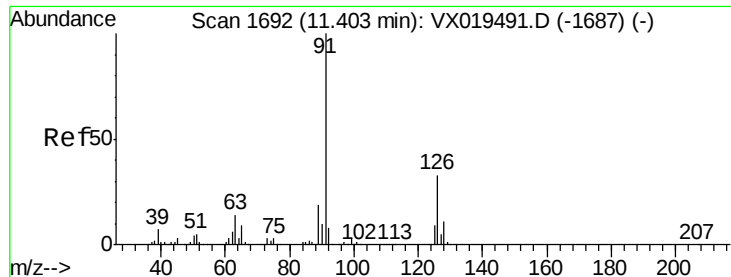
120 22.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

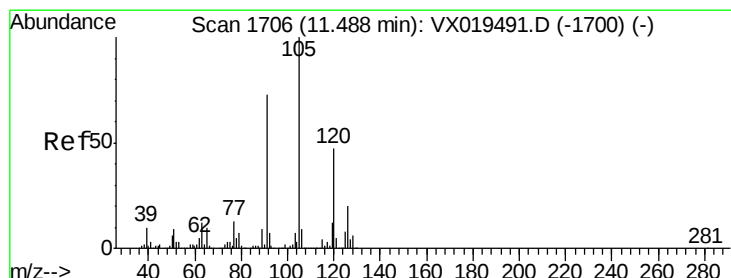
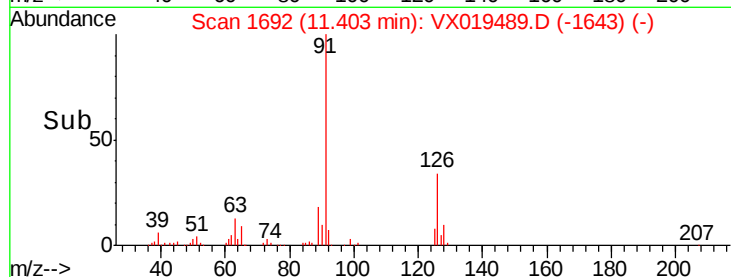
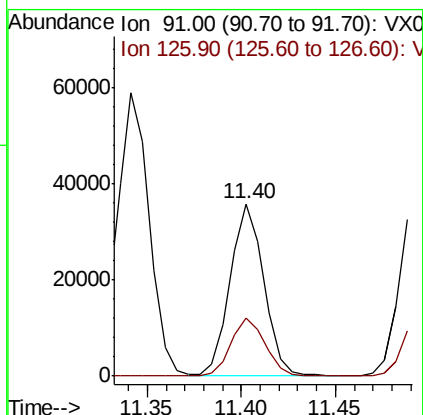
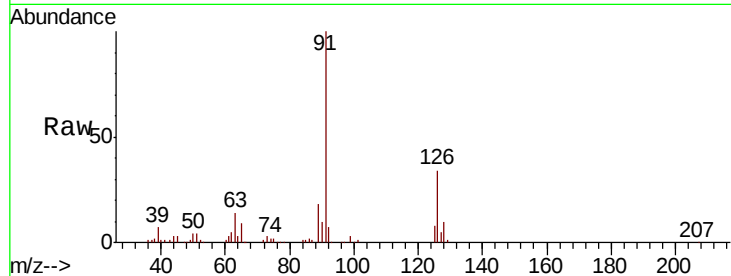




#79
2-Chlorotoluene
Concen: 5.148 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

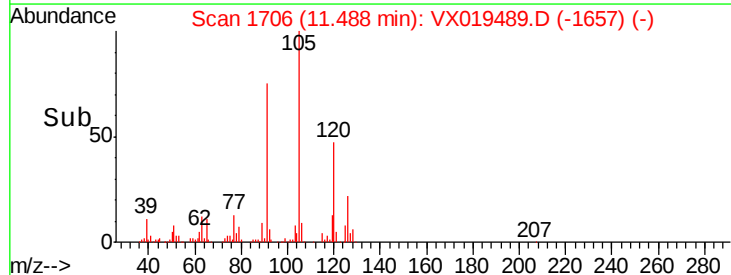
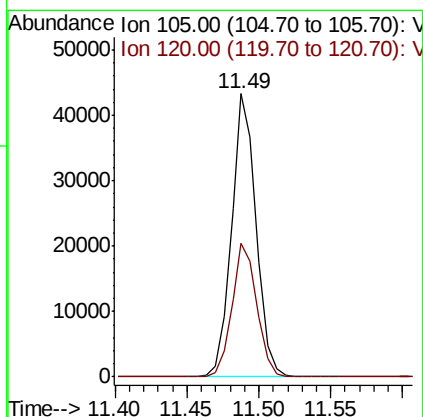
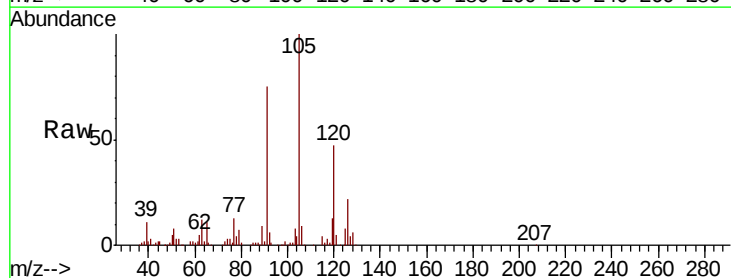
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

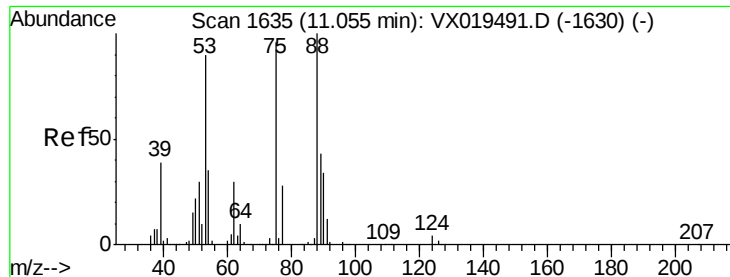
Tot Ion: 91 Resp: 44180
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 4.977 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion: 105 Resp: 51500
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 4.117 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

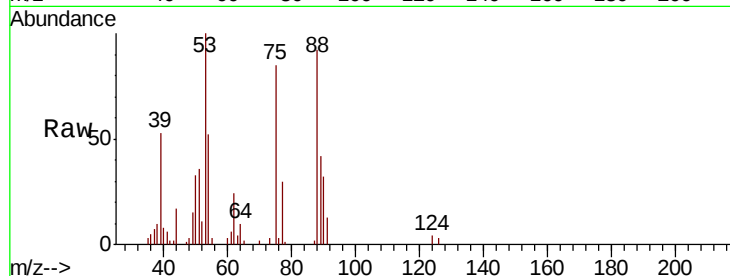
Tot Ion: 75 Resp: 5446

Ion Ratio Lower Upper

75 100

53 112.7 73.9 110.9#

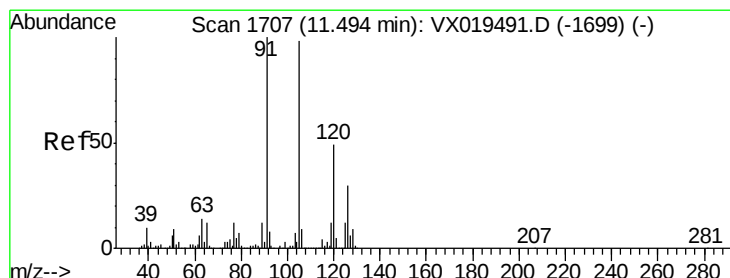
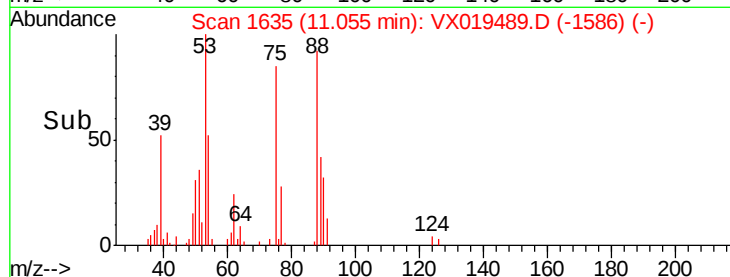
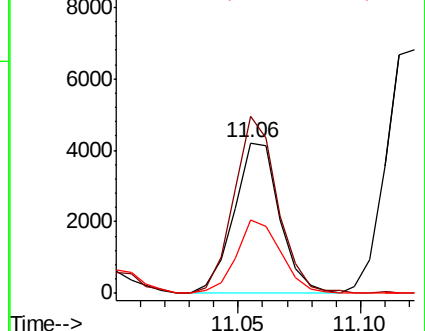
89 48.0 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.066 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019489.D

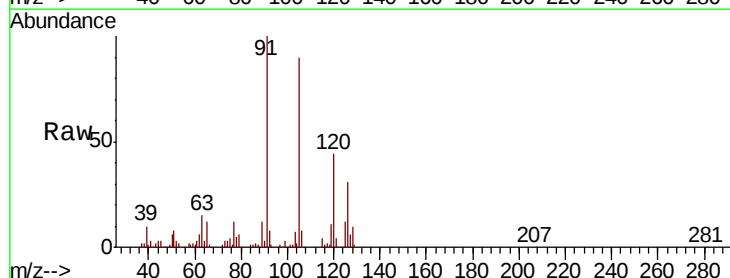
Acq: 20 Nov 2020 10:07

Tgt Ion: 91 Resp: 51181

Ion Ratio Lower Upper

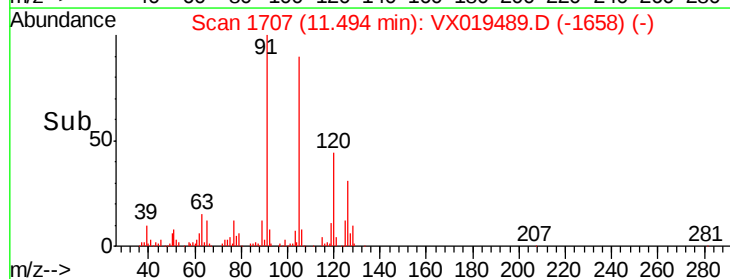
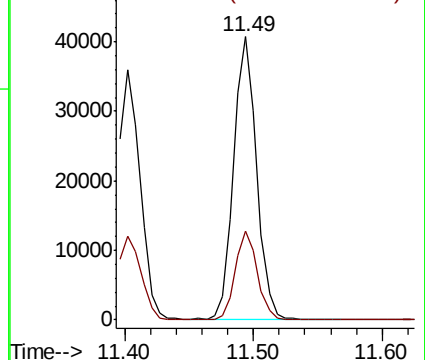
91 100

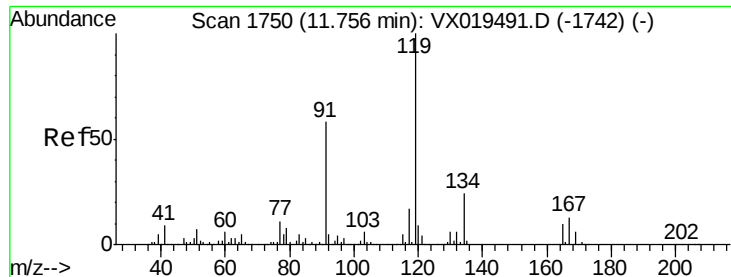
126 30.0 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 5.080 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

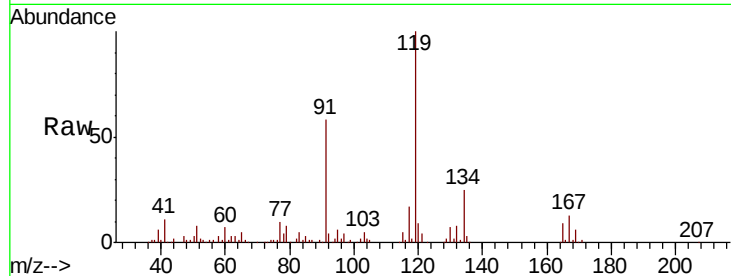
Tot Ion:119 Resp: 50860

Ion Ratio Lower Upper

119 100

91 57.9 28.9 86.8

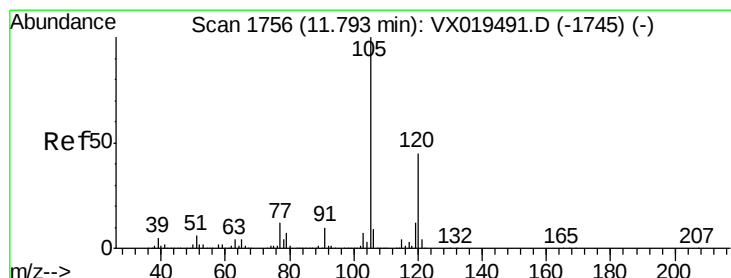
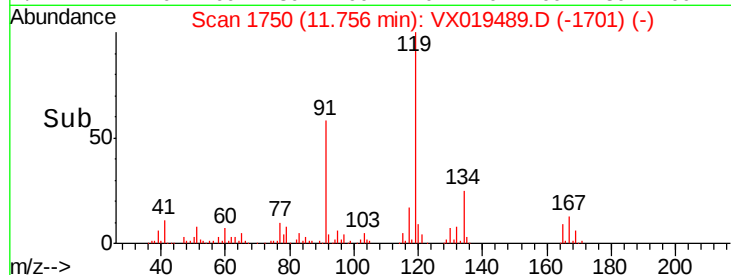
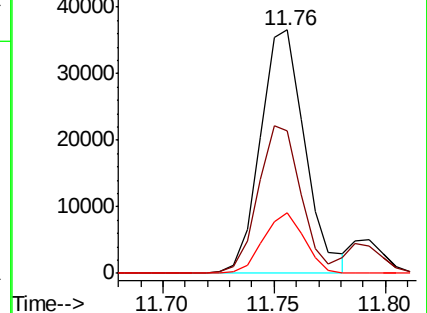
134 22.8 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.986 ug/l

RT: 11.79 min Scan# 1755

Delta R.T. -0.01 min

Lab File: VX019489.D

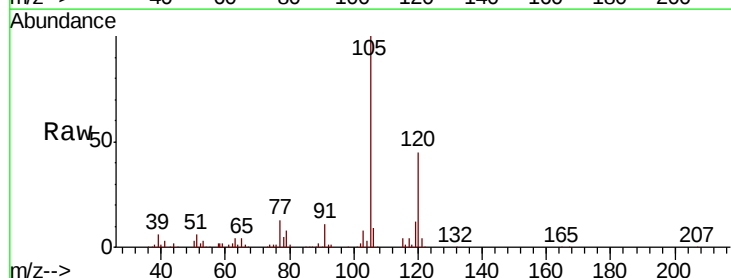
Acq: 20 Nov 2020 10:07

Tgt Ion:105 Resp: 52202

Ion Ratio Lower Upper

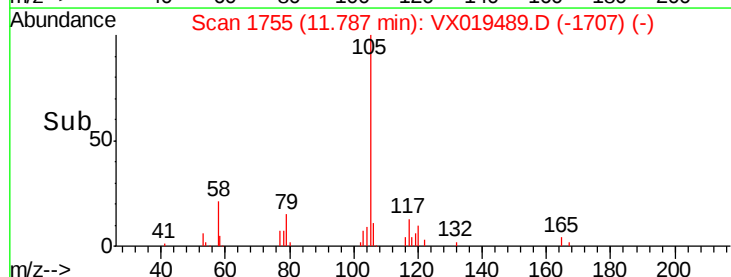
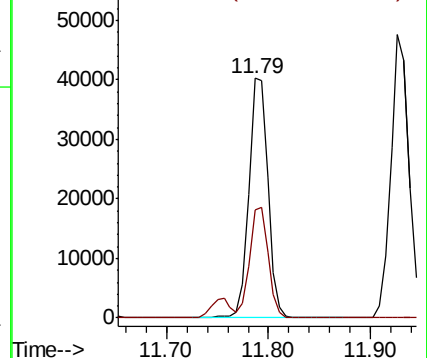
105 100

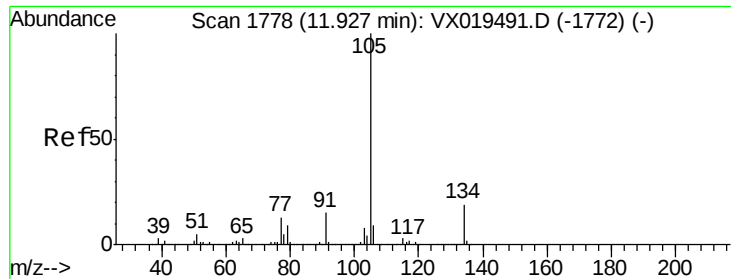
120 45.0 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.987 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

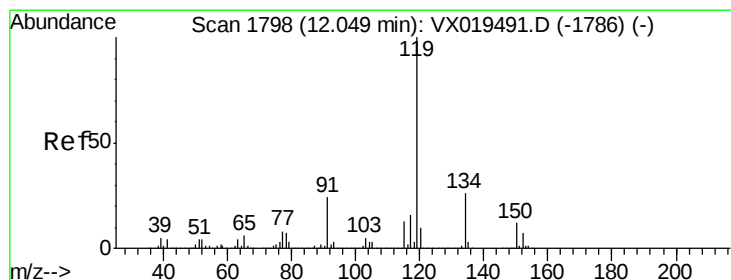
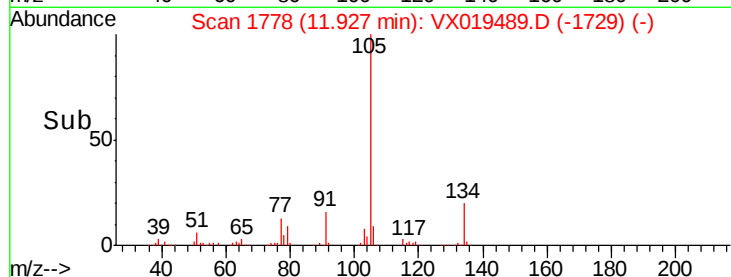
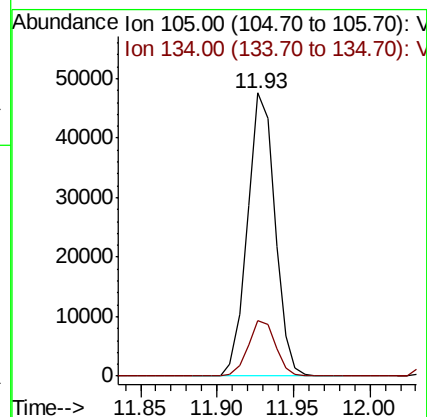
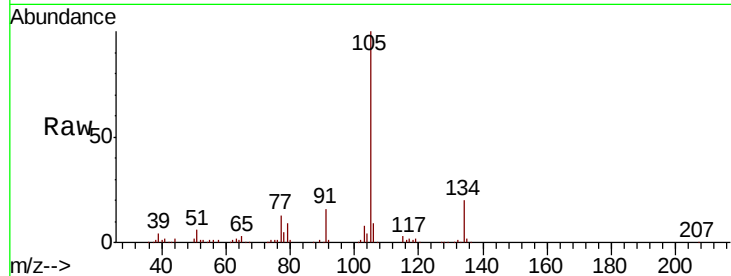
VSTDIC005

Tot Ion:105 Resp: 59401

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.3



#86

p-Isopropyltoluene

Concen: 4.895 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

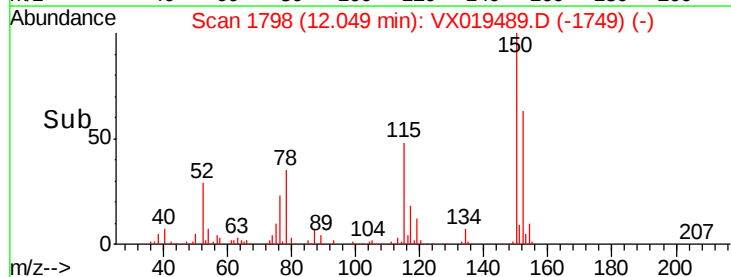
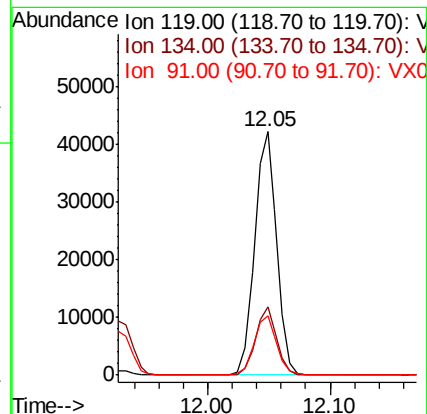
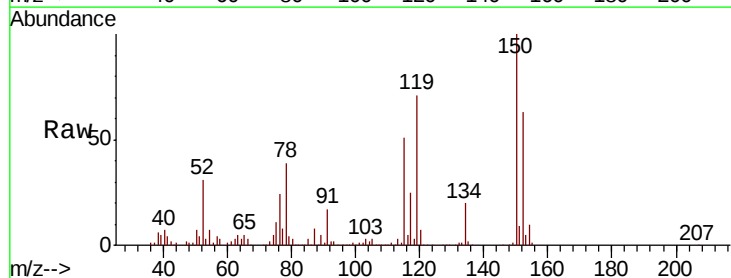
Tgt Ion:119 Resp: 52935

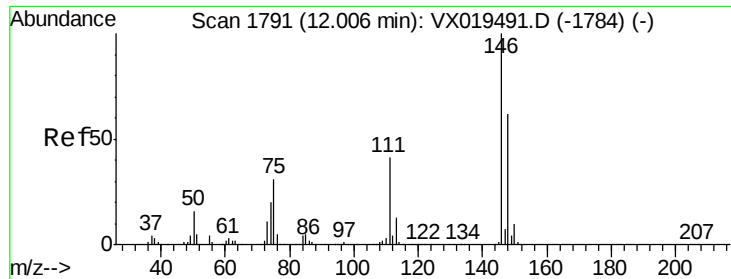
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 25.0 11.8 35.4

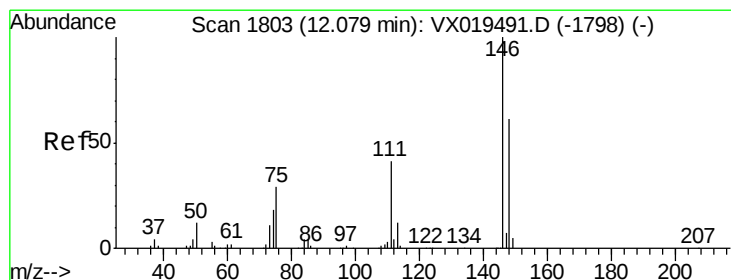
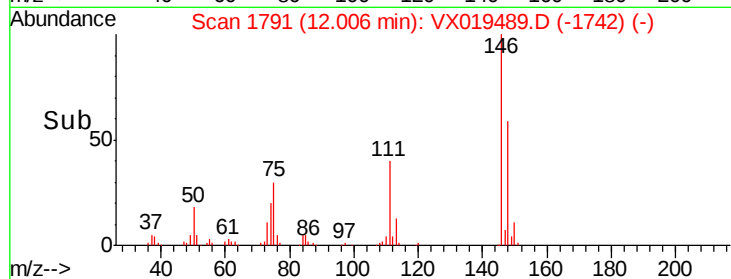
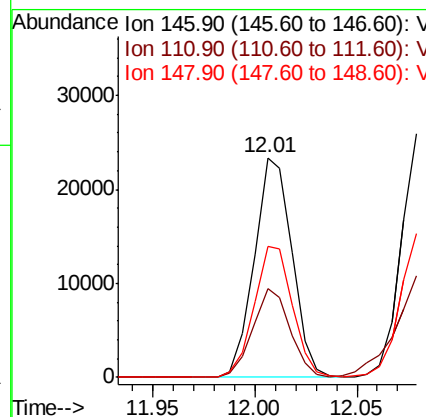
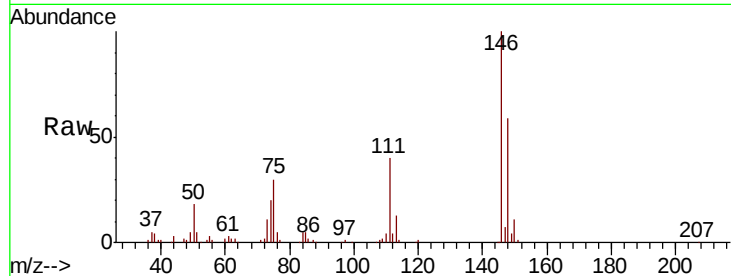




#87
 1,3-Dichlorobenzene
 Concen: 5.203 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019489.D
 Acq: 20 Nov 2020 10:07

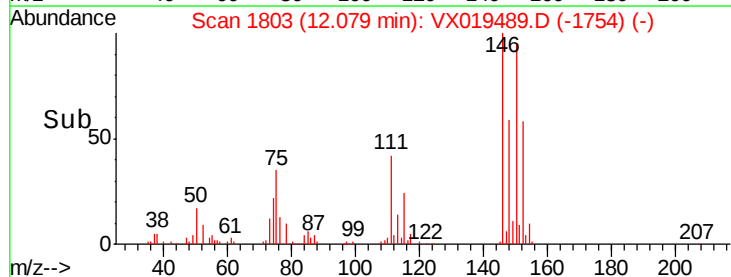
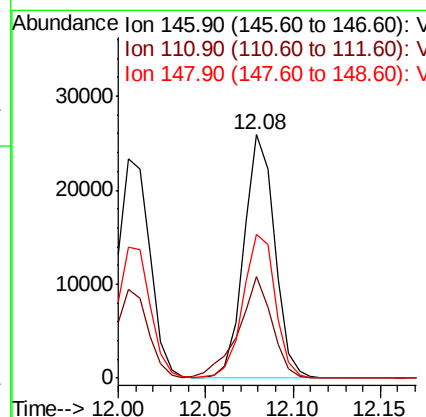
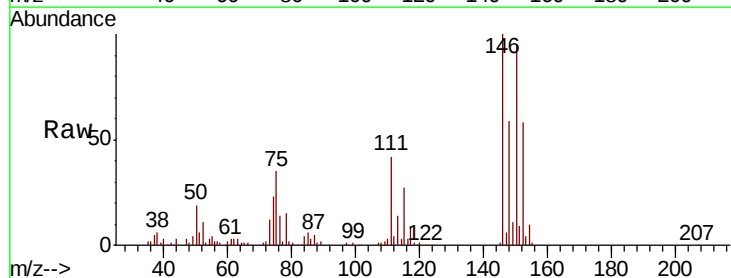
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

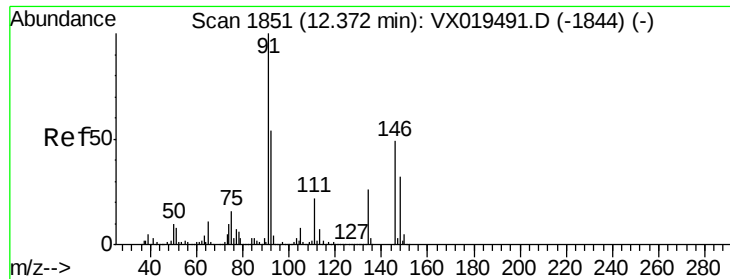
Tot Ion:146 Resp: 30092
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.2 60.6
 148 60.9 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 5.321 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019489.D
 Acq: 20 Nov 2020 10:07

Tgt Ion:146 Resp: 31698
 Ion Ratio Lower Upper
 146 100
 111 45.5 19.9 59.6
 148 62.0 31.7 95.1

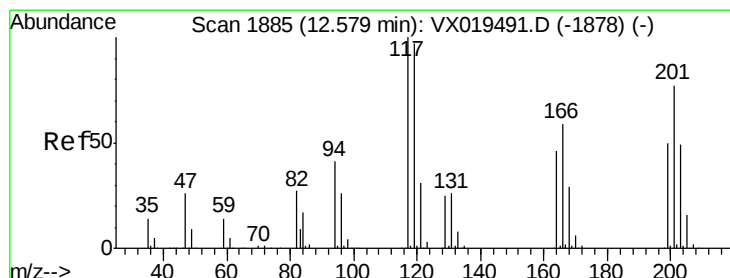
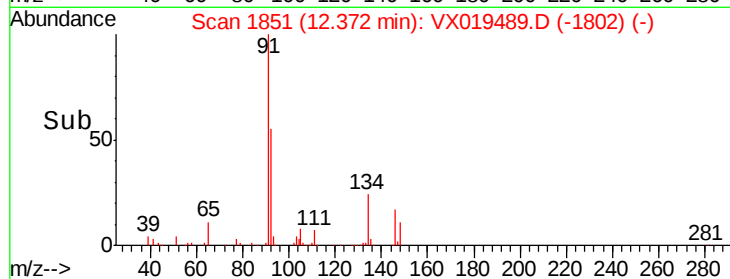
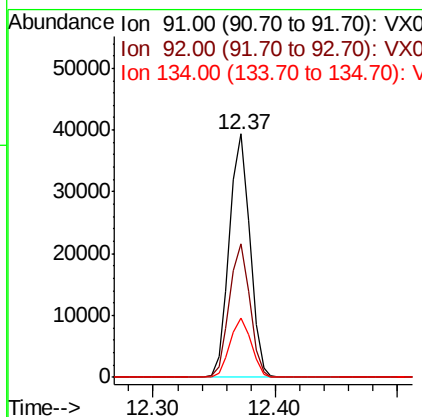
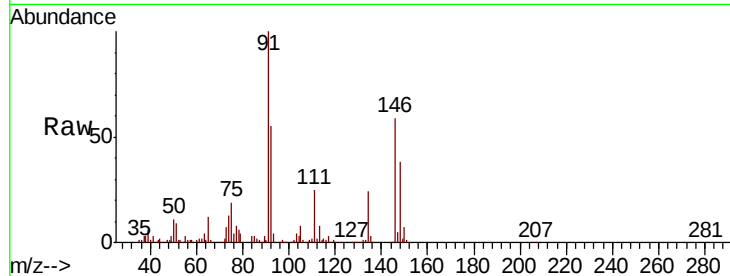




#89
n-Butylbenzene
Concen: 4.691 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

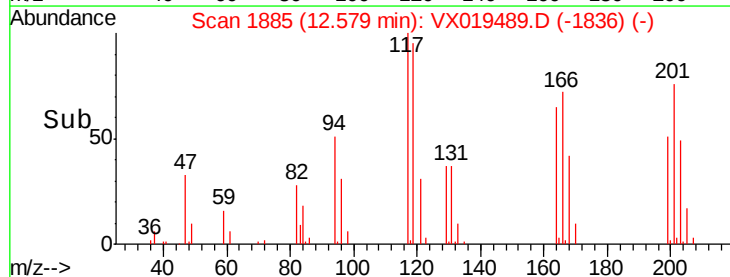
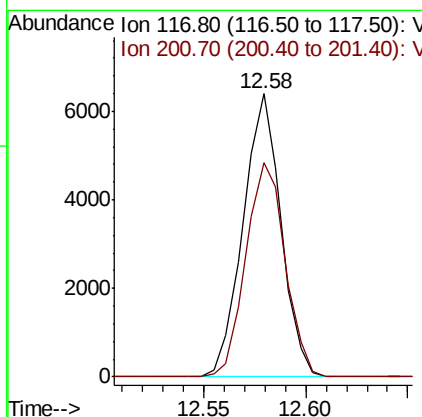
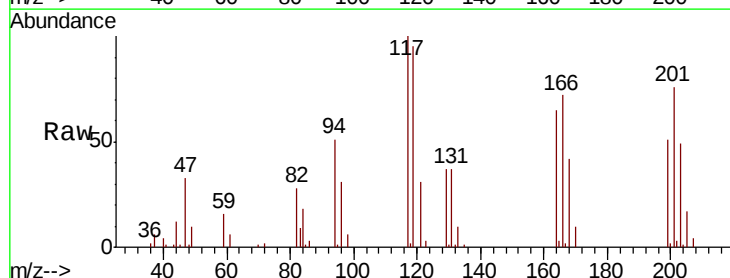
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

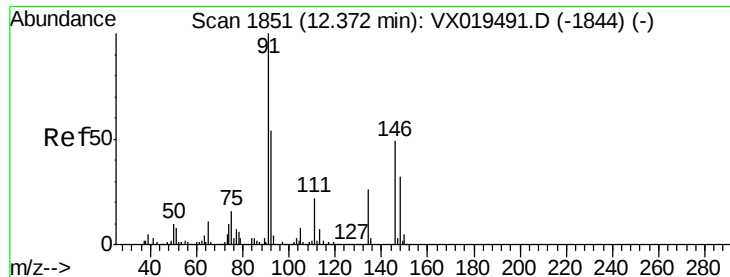
Tot Ion: 91 Resp: 45863
Ion Ratio Lower Upper
91 100
92 54.4 26.9 80.6
134 24.8 12.9 38.6



#90
Hexachloroethane
Concen: 4.559 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion: 117 Resp: 8250
Ion Ratio Lower Upper
117 100
201 78.5 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 5.119 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

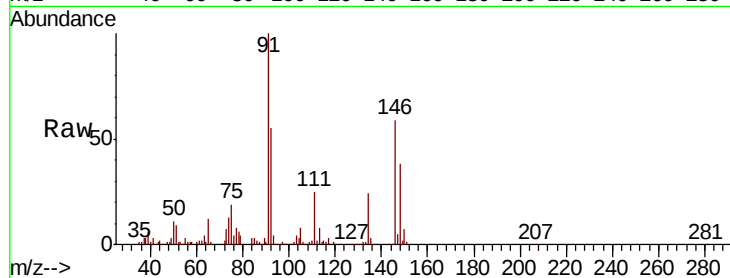
Tot Ion:146 Resp: 29734

Ion Ratio Lower Upper

146 100

111 40.8 21.1 63.3

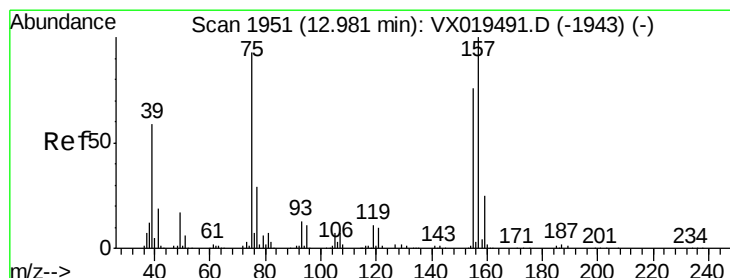
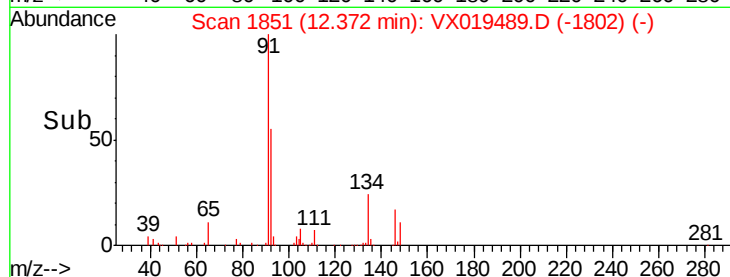
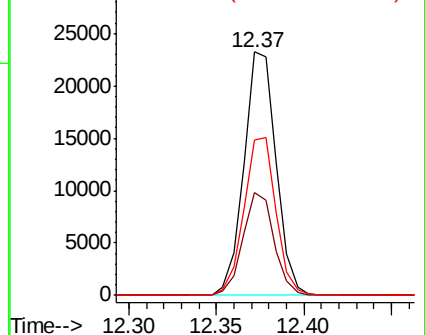
148 64.3 32.4 97.0



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: 4.780 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019489.D

Acq: 20 Nov 2020 10:07

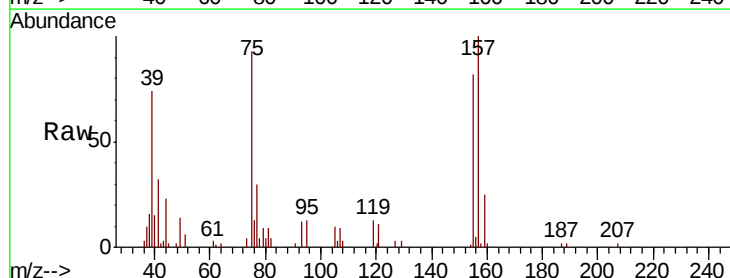
Tgt Ion: 75 Resp: 4302

Ion Ratio Lower Upper

75 100

155 86.5 43.6 130.9

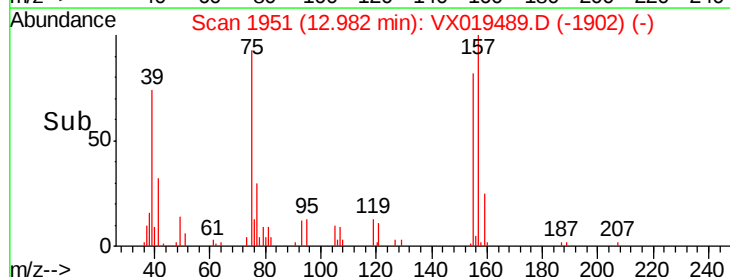
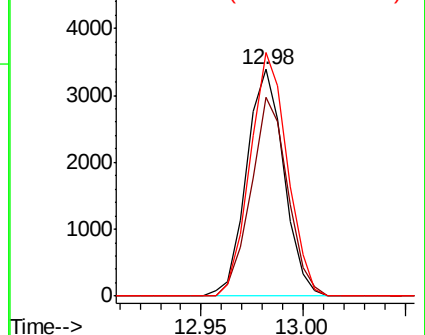
157 107.6 57.0 170.8



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

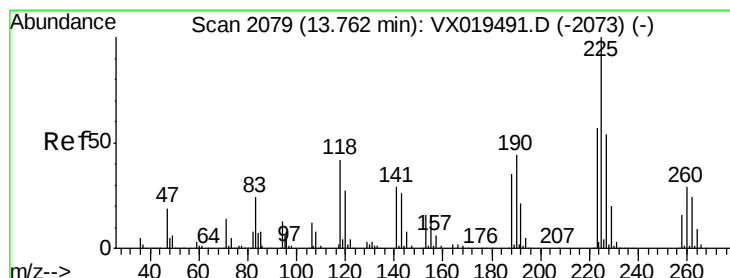
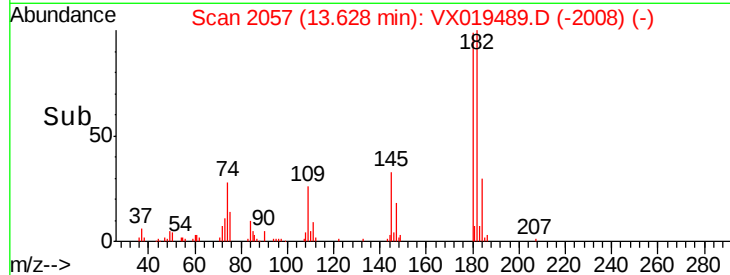
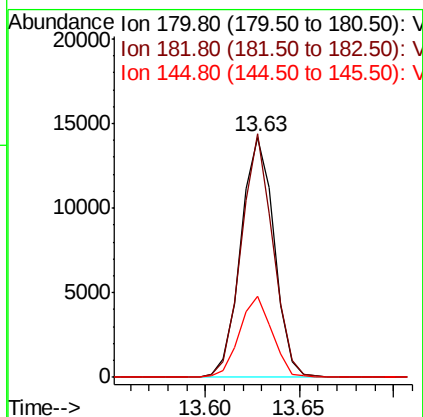
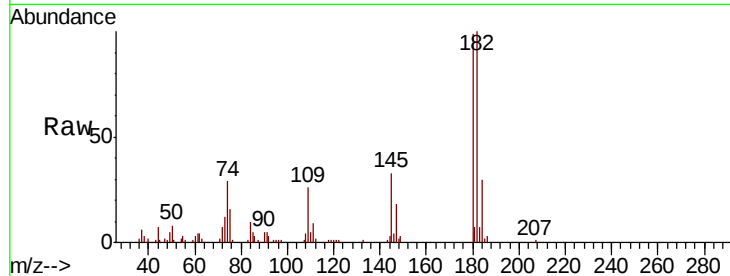




#93
 1,2,4-Trichlorobenzene
 Concen: 4.675 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019489.D
 Acq: 20 Nov 2020 10:07

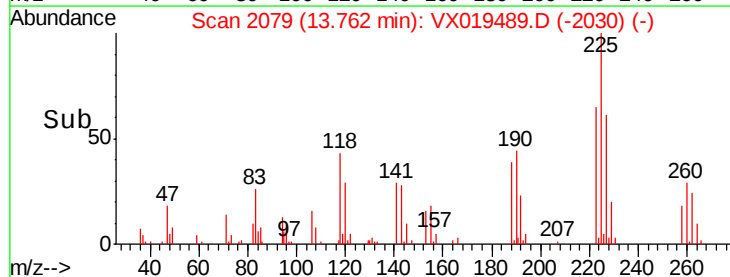
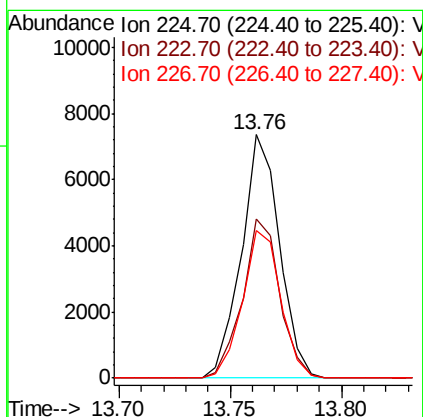
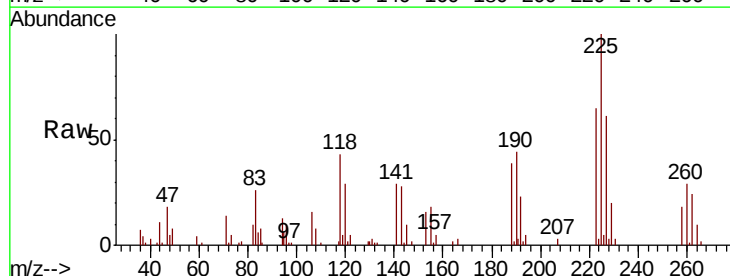
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

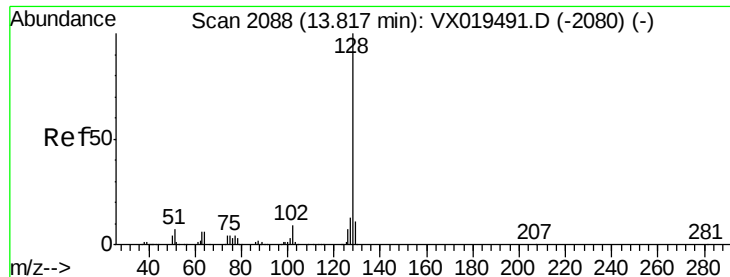
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.6	145.9
145	32.8	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 5.189 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019489.D
 Acq: 20 Nov 2020 10:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.5	97.5
227	60.8	32.8	98.3

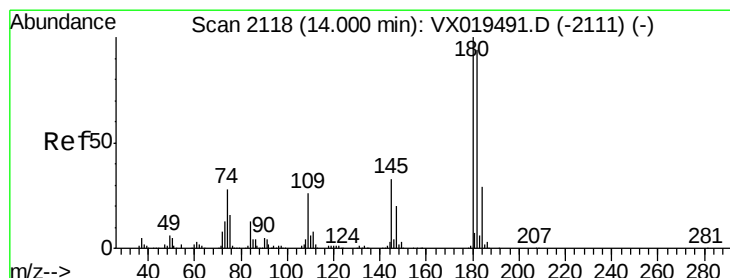
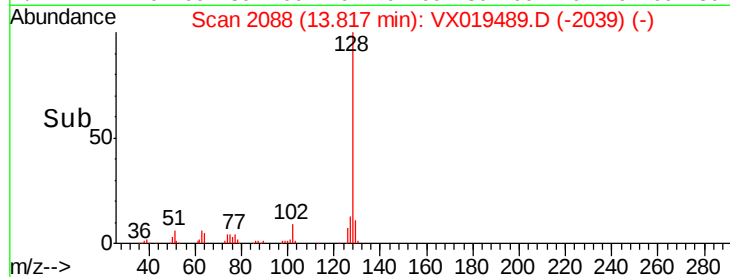
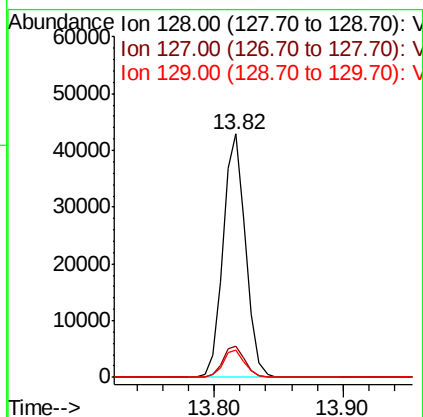
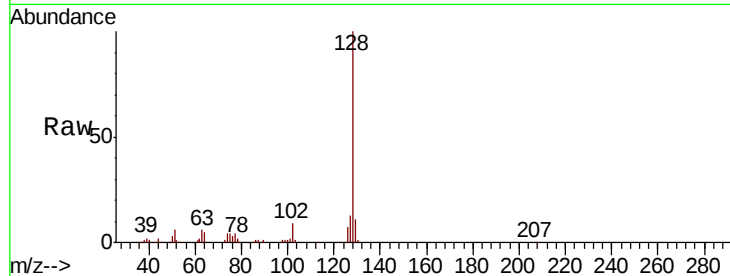




#95
Naphthalene
Concen: 4.581 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 52884
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.738 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019489.D
Acq: 20 Nov 2020 10:07

Tgt Ion:180 Resp: 17674
Ion Ratio Lower Upper
180 100
182 96.5 48.1 144.3
145 33.4 16.6 49.8

