

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120420\
 Data File : VX019711.D
 Acq On : 04 Dec 2020 11:12
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 04 13:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	344631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	560574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	511345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	246939	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	22373	4.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	9.80%#	
35) Dibromofluoromethane		5.46	113	17947	4.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	9.78%#	
50) Toluene-d8		8.70	98	68017	4.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	9.68%#	
62) 4-Bromofluorobenzene		11.12	95	24938	4.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	9.36%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	15605	4.632	ug/l	96
3) Chloromethane	1.31	50	19044	4.115	ug/l	99
4) Vinyl Chloride	1.39	62	20131	4.834	ug/l	96
5) Bromomethane	1.62	94	7213	4.850	ug/l	97
6) Chloroethane	1.70	64	12648	2.388	ug/l	99
7) Trichlorofluoromethane	1.91	101	27929	4.854	ug/l	95
8) Diethyl Ether	2.17	74	11697	4.837	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	15779	4.621	ug/l	97
10) Methyl Iodide	2.49	142	22395	4.786	ug/l	99
11) Tert butyl alcohol	3.01	59	32746	32.333	ug/l	95
12) 1,1-Dichloroethene	2.36	96	15828	4.625	ug/l	97
13) Acrolein	2.27	56	14465	24.843	ug/l	94
14) Allyl chloride	2.71	41	26596	4.833	ug/l	98
15) Acrylonitrile	3.11	53	53038	25.056	ug/l	98
16) Acetone	2.42	43	43172	23.466	ug/l	100
17) Carbon Disulfide	2.55	76	44319	4.774	ug/l	100
18) Methyl Acetate	2.75	43	21283	4.605	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	58296	4.832	ug/l	99
20) Methylene Chloride	2.83	84	22950	4.883	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	18874	4.881	ug/l	98
22) Diisopropyl ether	3.82	45	55397	4.862	ug/l	98
23) Vinyl Acetate	3.78	43	232006	24.183	ug/l	100
24) 1,1-Dichloroethane	3.67	63	34064	4.935	ug/l	99
25) 2-Butanone	4.64	43	66601	24.494	ug/l	100
26) 2,2-Dichloropropane	4.55	77	28208	4.896	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	22211	4.930	ug/l	91
28) Bromochloromethane	4.98	49	15496	4.925	ug/l	98
29) Tetrahydrofuran	5.09	42	43435	24.978	ug/l	99
30) Chloroform	5.18	83	34433	4.856	ug/l	99
31) Cyclohexane	5.54	56	28670	4.751	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	29072	4.803	ug/l	99
36) 1,1-Dichloropropene	5.76	75	25815	4.981	ug/l	99
37) Ethyl Acetate	4.79	43	26844	5.172	ug/l	99
38) Carbon Tetrachloride	5.75	117	24638	4.787	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120420\
 Data File : VX019711.D
 Acq On : 04 Dec 2020 11:12
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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: Dec 04 13:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	29136	4.783	ug/l	97
40) Benzene	6.11	78	80885	5.005	ug/l	99
41) Methacrylonitrile	5.00	41	14269	4.967	ug/l	99
42) 1,2-Dichloroethane	6.16	62	27561	4.964	ug/l	100
43) Isopropyl Acetate	6.41	43	42123	4.902	ug/l	99
44) Trichloroethene	7.18	130	20668	4.896	ug/l	98
45) 1,2-Dichloropropane	7.48	63	20085	4.941	ug/l	95
46) Dibromomethane	7.63	93	13248	4.859	ug/l	99
47) Bromodichloromethane	7.87	83	25214	4.665	ug/l	99
48) Methyl methacrylate	7.74	41	20254	4.769	ug/l	97
49) 1,4-Dioxane	7.72	88	9900	101.402	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	129906	24.747	ug/l	100
52) Toluene	8.76	92	50274	4.996	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	27258	4.599	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	30117	4.649	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	20114	4.942	ug/l	98
56) Ethyl methacrylate	9.16	69	27799	4.548	ug/l	98
57) 1,3-Dichloropropane	9.35	76	34712	5.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	76829	23.990	ug/l	100
59) 2-Hexanone	9.47	43	101055	25.449	ug/l	98
60) Dibromochloromethane	9.56	129	19376	4.635	ug/l	99
61) 1,2-Dibromoethane	9.65	107	20771	4.859	ug/l	98
64) Tetrachloroethene	9.32	164	17440	4.939	ug/l	97
65) Chlorobenzene	10.12	112	52033	4.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	18220	4.730	ug/l	97
67) Ethyl Benzene	10.23	91	91513	4.894	ug/l	99
68) m/p-Xylenes	10.34	106	67817	9.699	ug/l	100
69) o-Xylene	10.68	106	32757	4.826	ug/l	99
70) Styrene	10.70	104	54357	4.775	ug/l	98
71) Bromoform	10.84	173	13252	4.445	ug/l #	99
73) Isopropylbenzene	11.00	105	87371	5.081	ug/l	99
74) N-amyl acetate	10.88	43	33679	4.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	31997	5.138	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	35821	6.329	ug/l	88
77) Bromobenzene	11.24	156	22240	4.990	ug/l	100
78) n-propylbenzene	11.34	91	96887	4.887	ug/l	99
79) 2-Chlorotoluene	11.40	91	61795	5.124	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	73287	5.039	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	8630	4.265	ug/l	90
82) 4-Chlorotoluene	11.49	91	70512	5.016	ug/l	98
83) tert-Butylbenzene	11.75	119	69694	4.840	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	71942	4.895	ug/l	100
85) sec-Butylbenzene	11.93	105	79103	4.837	ug/l	100
86) p-Isopropyltoluene	12.05	119	71790	4.757	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	40138	4.950	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	40984	4.948	ug/l	94
89) n-Butylbenzene	12.37	91	60719	4.592	ug/l	99
90) Hexachloroethane	12.58	117	12187	4.749	ug/l	94
91) 1,2-Dichlorobenzene	12.37	146	40289	5.075	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	6422	4.882	ug/l	91

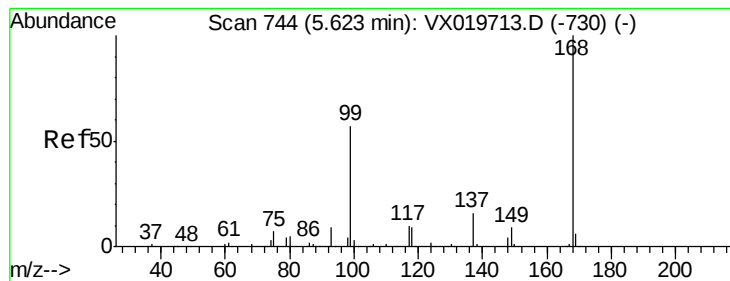
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120420\
Data File : VX019711.D
Acq On : 04 Dec 2020 11:12
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Dec 04 13:15:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 13:12:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	22662	4.405	ug/l	97
94) Hexachlorobutadiene	13.76	225	10715	4.908	ug/l	99
95) Naphthalene	13.82	128	74974	4.491	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	22905	4.488	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

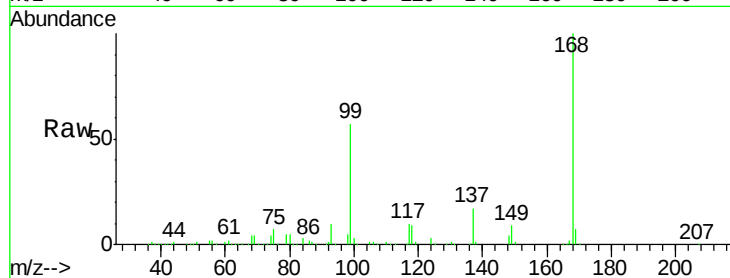
VSTDIC005

Tgt Ion:168 Resp: 344631

Ion Ratio Lower Upper

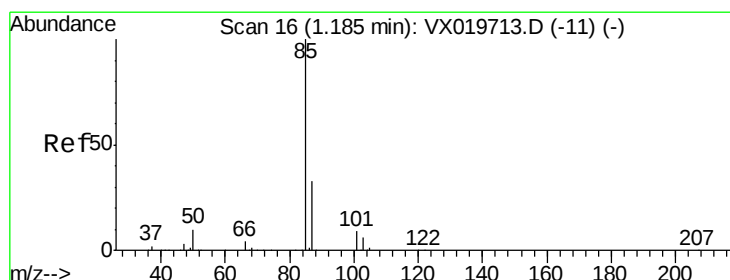
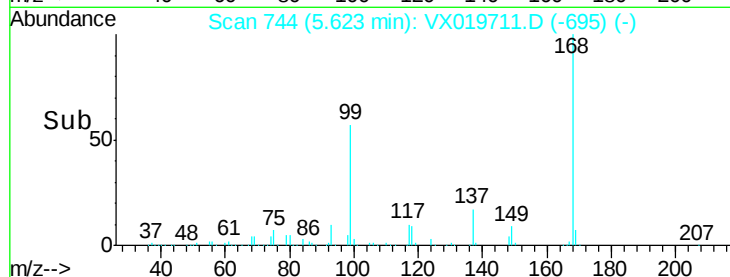
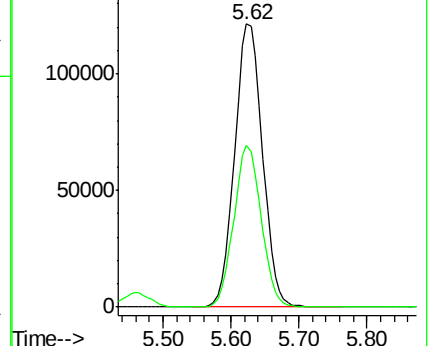
168 100

99 57.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.632 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019711.D

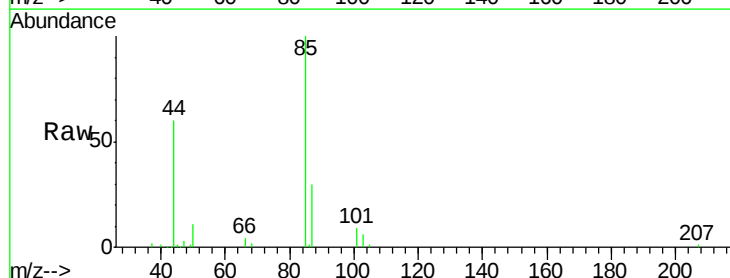
Acq: 04 Dec 2020 11:12

Tgt Ion: 85 Resp: 15605

Ion Ratio Lower Upper

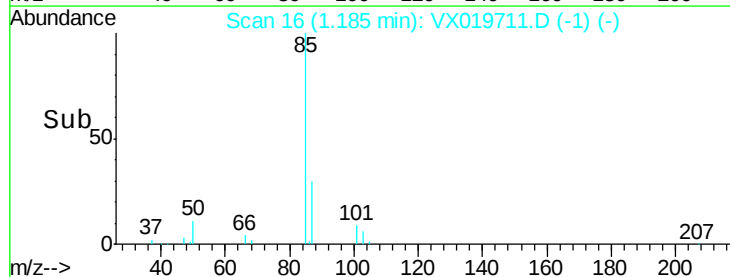
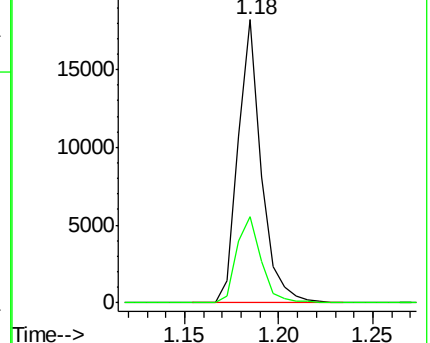
85 100

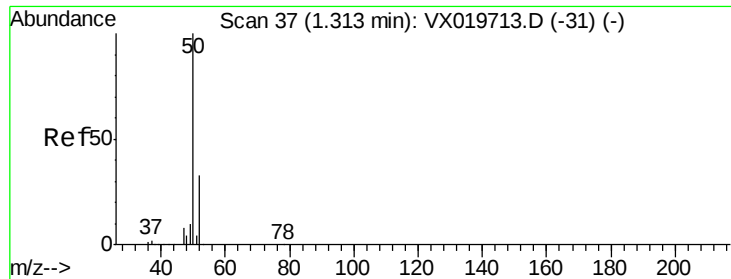
87 30.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.115 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

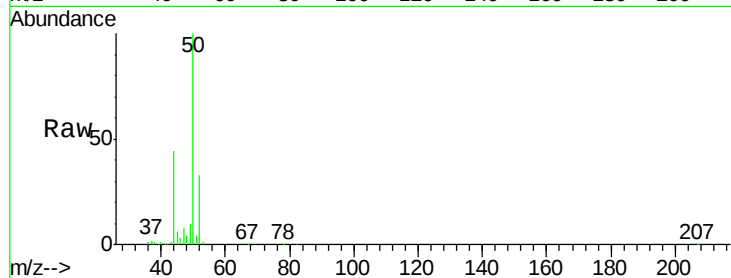
VSTDIC005

Tgt Ion: 50 Resp: 19044

Ion Ratio Lower Upper

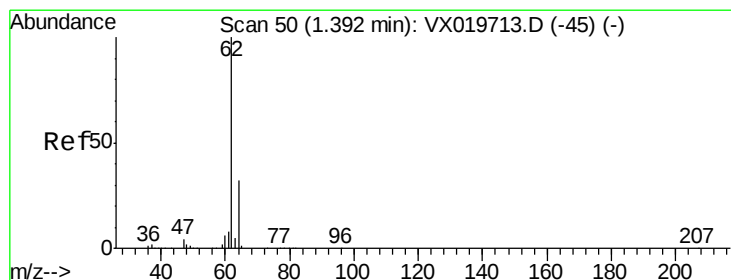
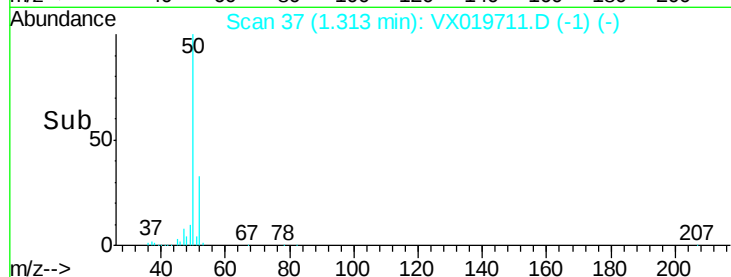
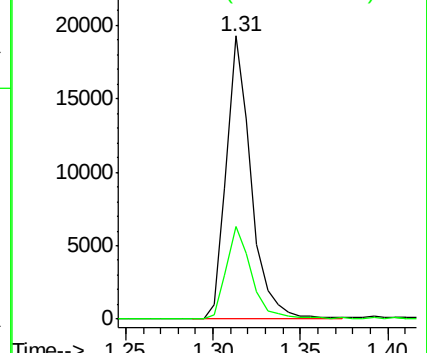
50 100

52 32.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.834 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019711.D

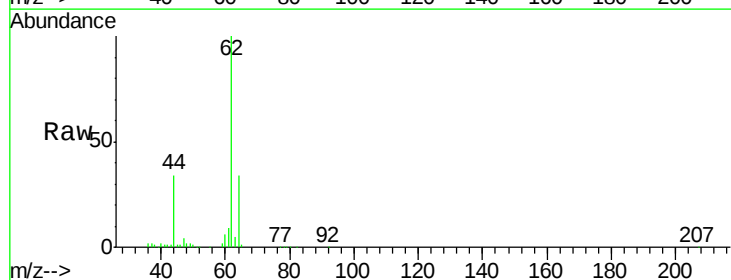
Acq: 04 Dec 2020 11:12

Tgt Ion: 62 Resp: 20131

Ion Ratio Lower Upper

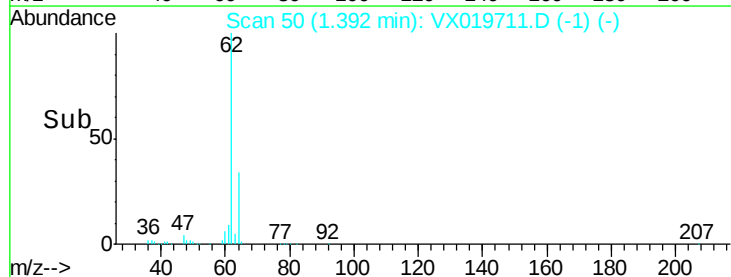
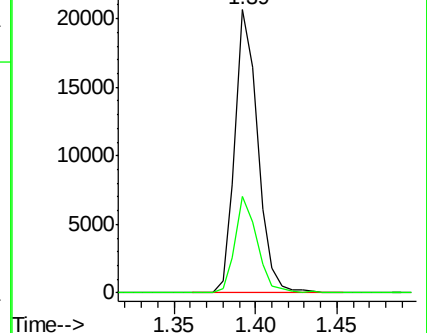
62 100

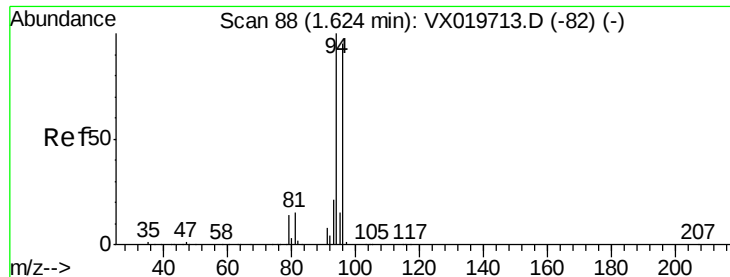
64 34.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.850 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

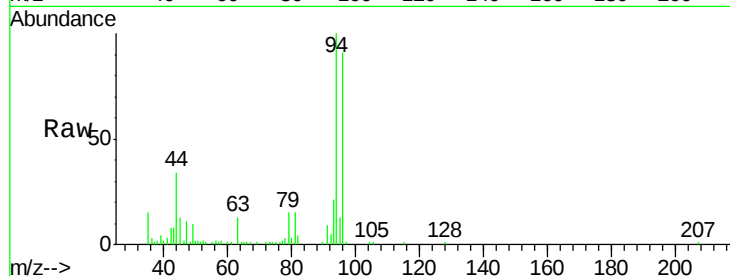
VSTDIC005

Tgt Ion: 94 Resp: 7213

Ion Ratio Lower Upper

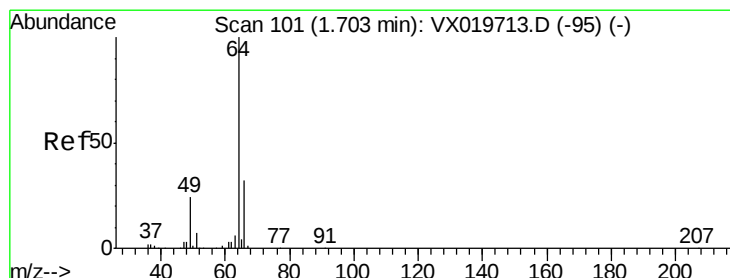
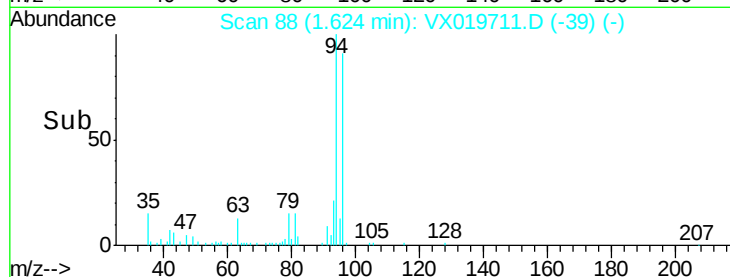
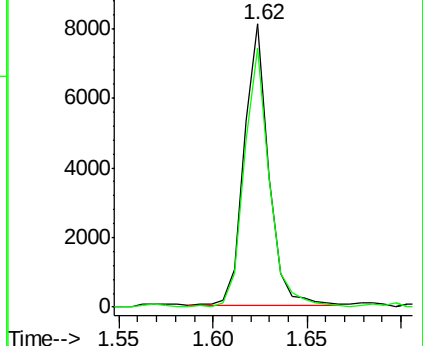
94 100

96 92.2 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 2.388 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019711.D

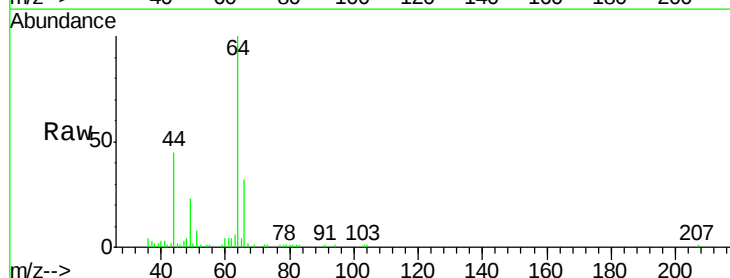
Acq: 04 Dec 2020 11:12

Tgt Ion: 64 Resp: 12648

Ion Ratio Lower Upper

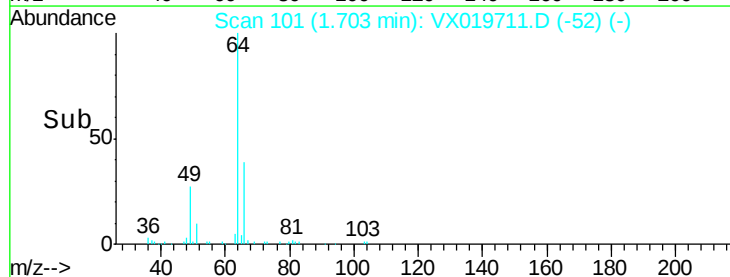
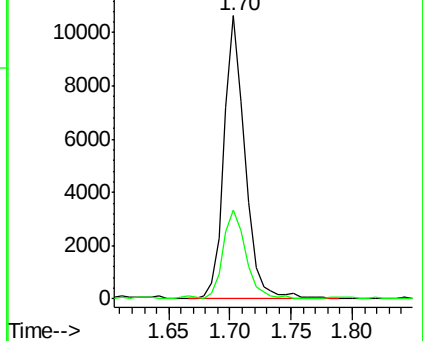
64 100

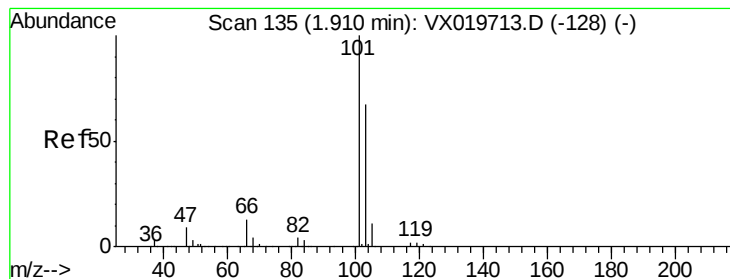
66 30.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



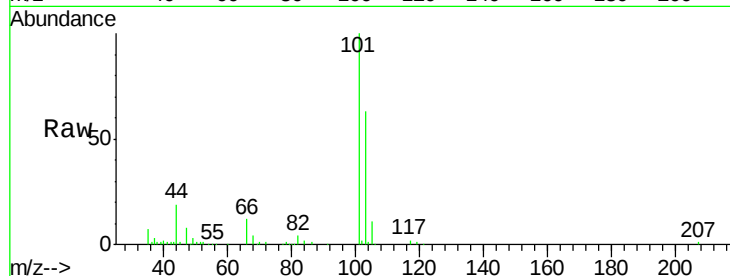


#7

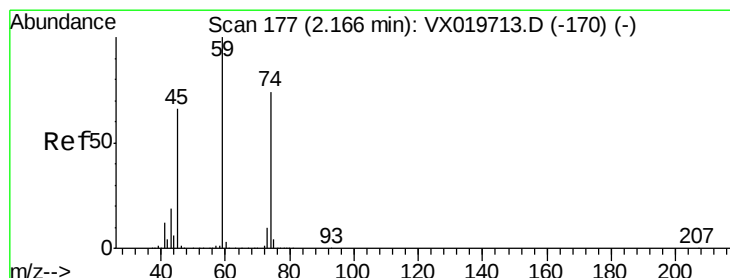
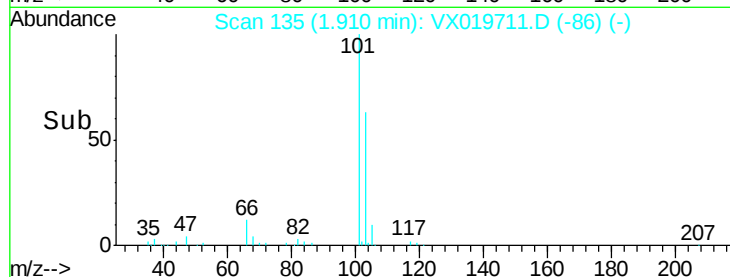
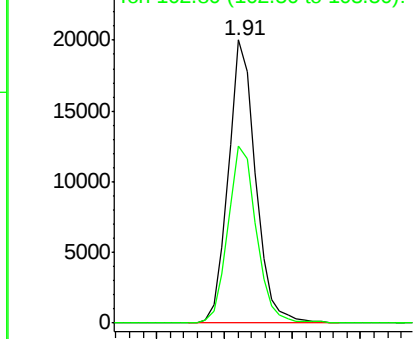
Trichlorofluoromethane
 Concen: 4.854 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 101 Resp: 27929
 Ion Ratio Lower Upper
 101 100
 103 62.6 53.2 79.8



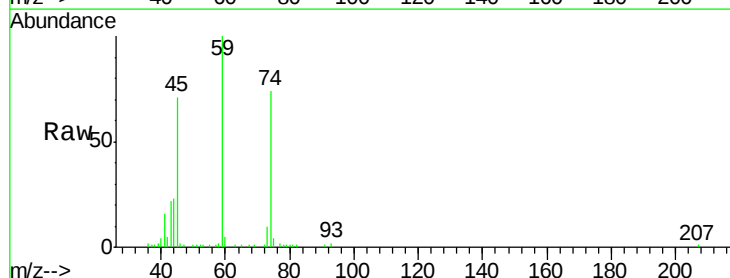
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



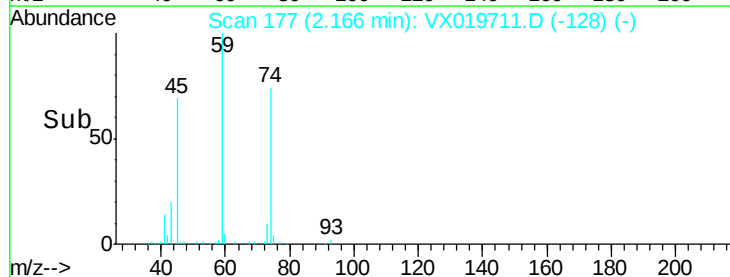
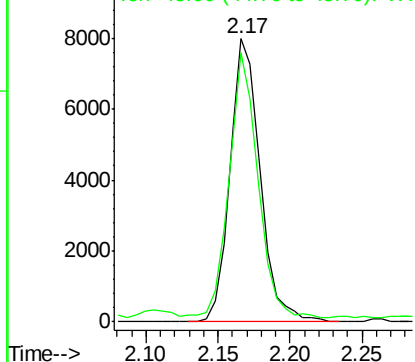
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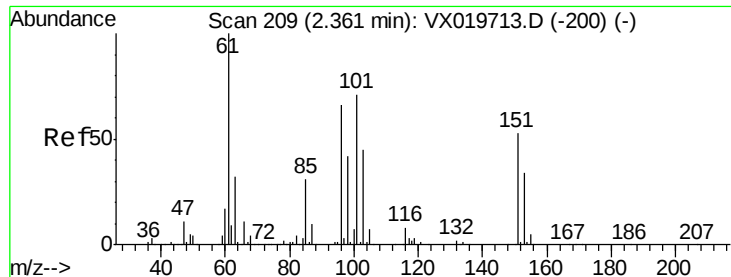
Diethyl Ether
 Concen: 4.837 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion: 74 Resp: 11697
 Ion Ratio Lower Upper
 74 100
 45 89.6 44.5 133.5



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.621 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

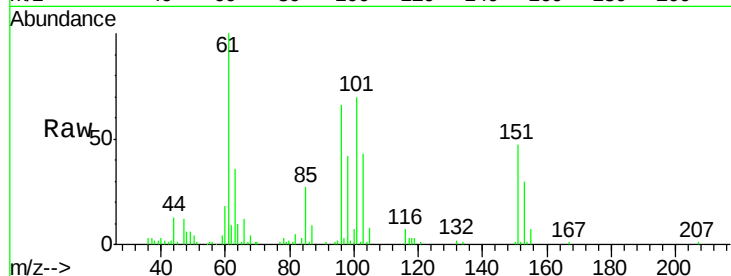
Tgt Ion:101 Resp: 15779

Ion Ratio Lower Upper

101 100

85 43.8 34.9 52.3

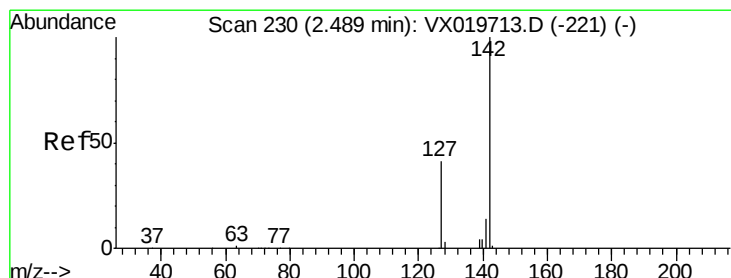
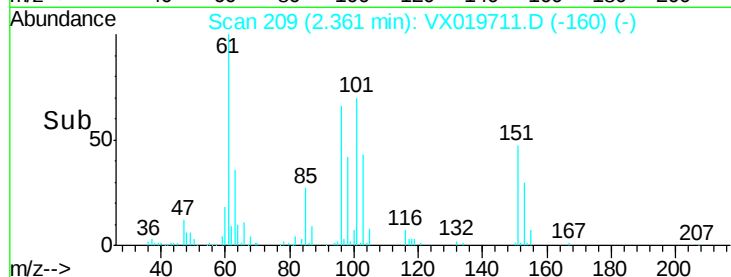
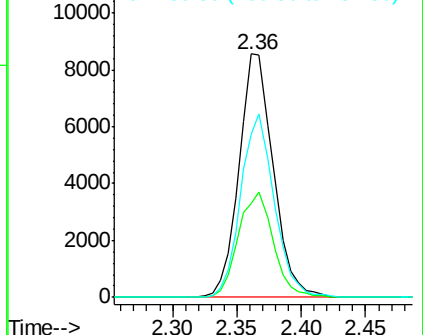
151 73.4 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.786 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

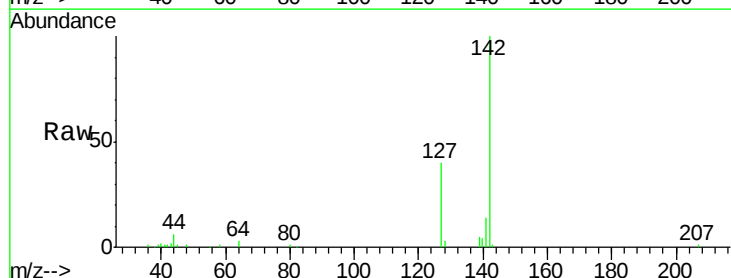
Tgt Ion:142 Resp: 22395

Ion Ratio Lower Upper

142 100

127 41.8 33.3 49.9

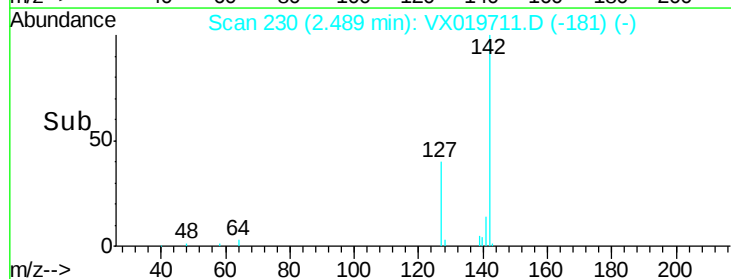
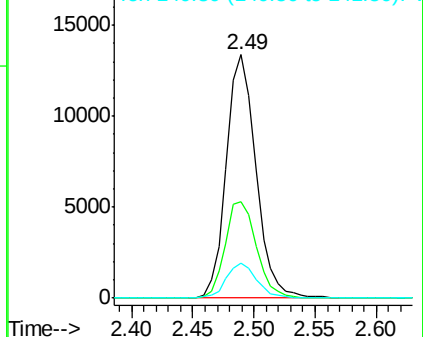
141 14.7 11.4 17.0

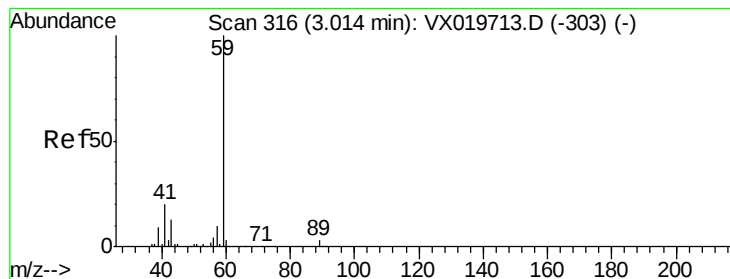


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



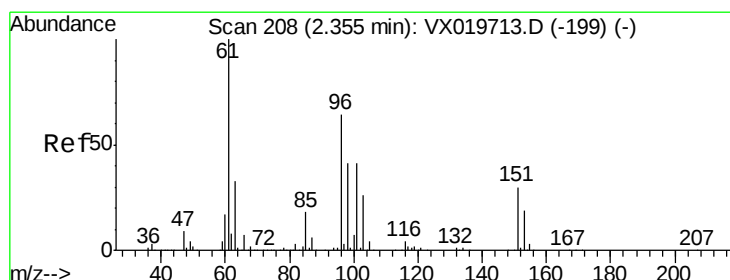
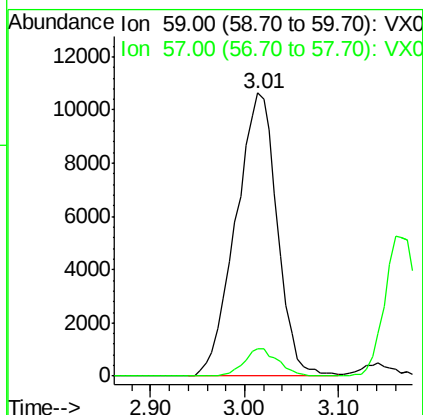
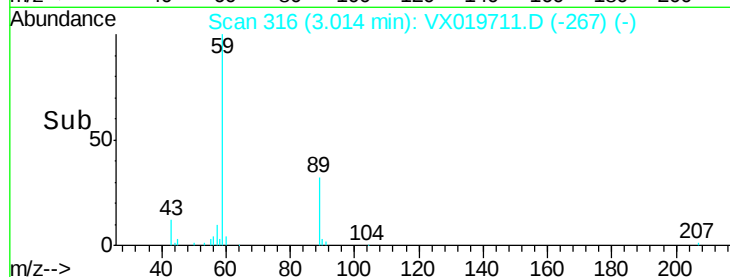
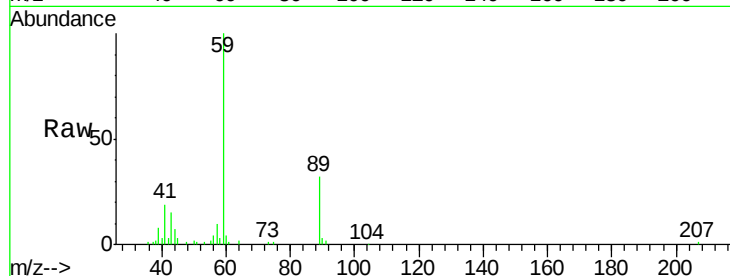


#11

Tert butyl alcohol
Concen: 32.333 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

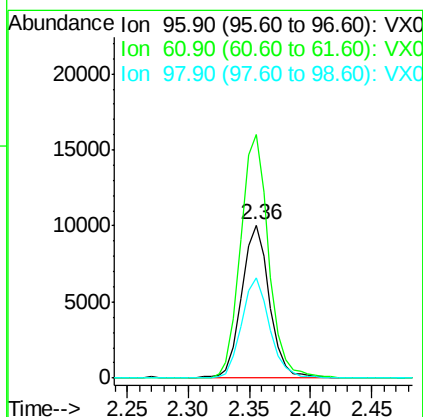
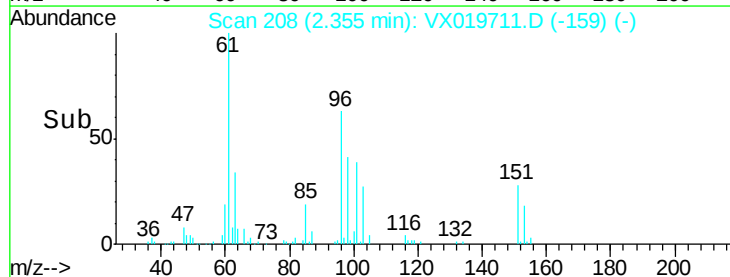
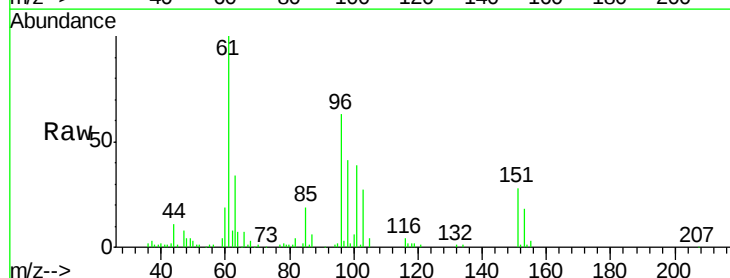
Tgt Ion: 59 Resp: 32746
Ion Ratio Lower Upper
59 100
57 8.0 7.8 11.8

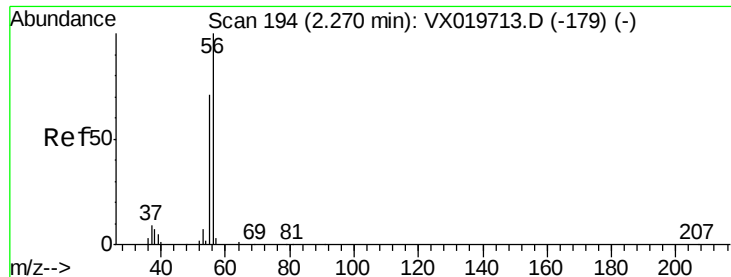


#12

1,1-Dichloroethene
Concen: 4.625 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 96 Resp: 15828
Ion Ratio Lower Upper
96 100
61 159.2 124.6 187.0
98 65.2 50.6 76.0





#13

Acrolein

Concen: 24.843 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

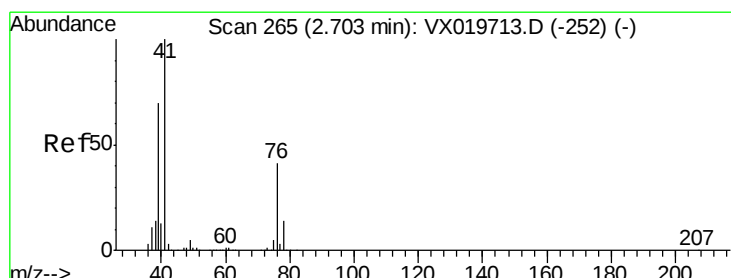
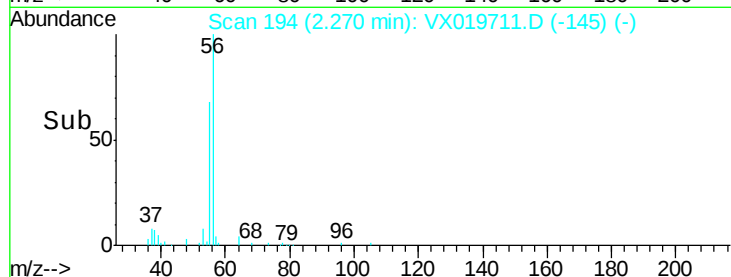
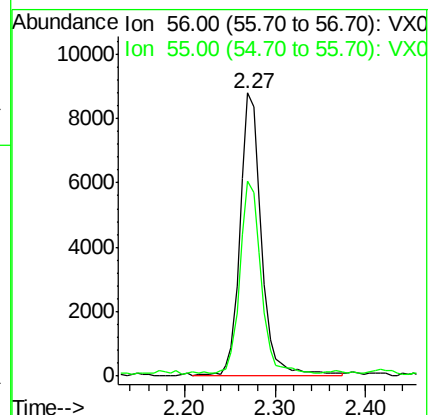
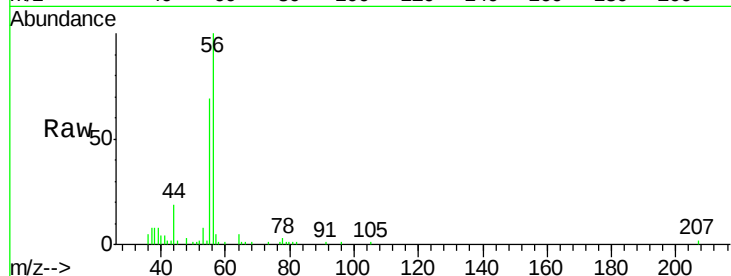
VSTDIC005

Tgt Ion: 56 Resp: 14465

Ion Ratio Lower Upper

56 100

55 65.7 56.4 84.6



#14

Allyl chloride

Concen: 4.833 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

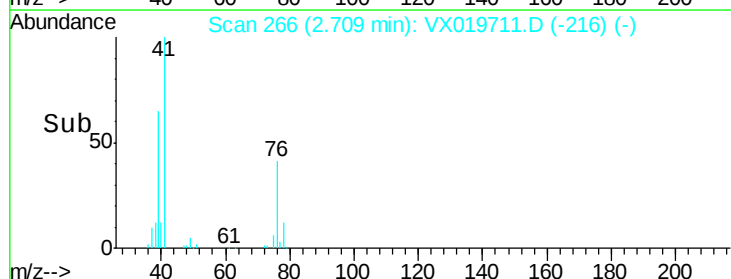
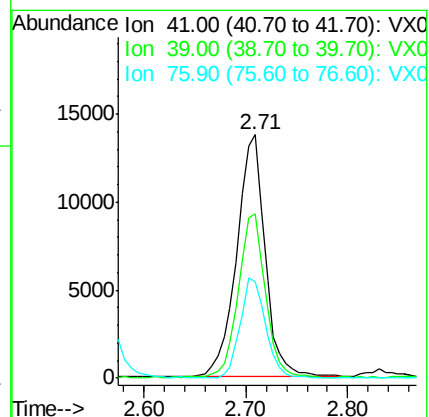
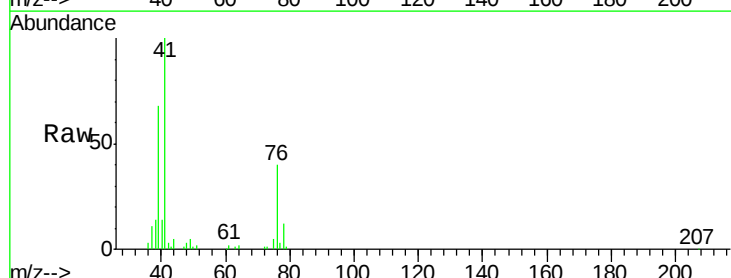
Tgt Ion: 41 Resp: 26596

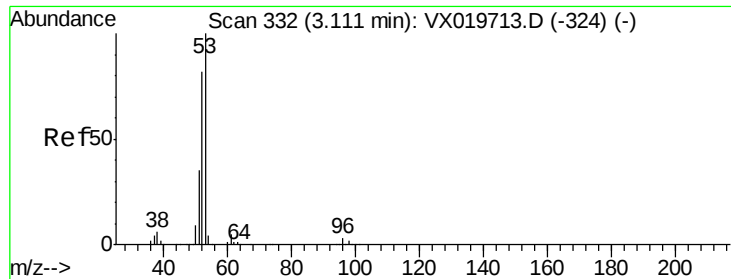
Ion Ratio Lower Upper

41 100

39 65.4 51.6 77.4

76 36.8 30.5 45.7





#15

Acrylonitrile

Concen: 25.056 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

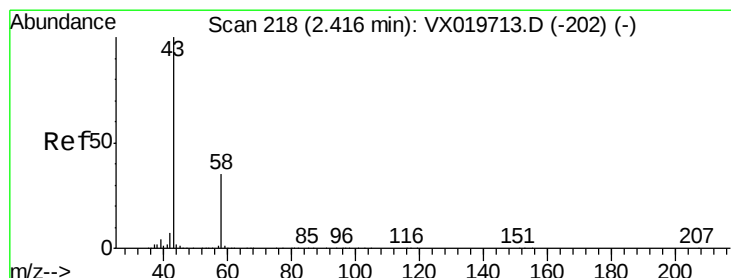
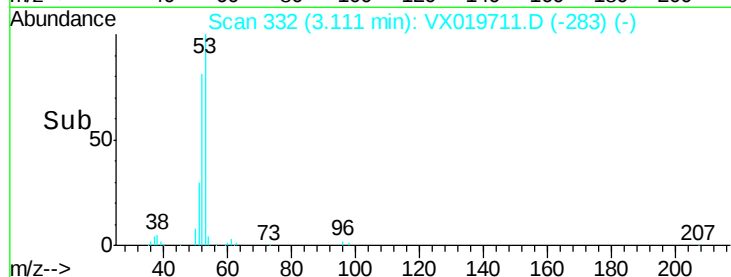
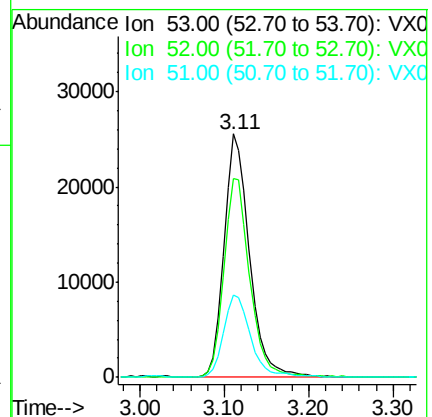
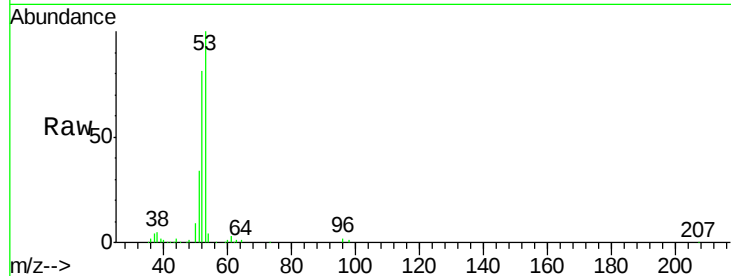
Tgt Ion: 53 Resp: 53038

Ion Ratio Lower Upper

53 100

52 82.9 65.3 97.9

51 36.1 28.2 42.2



#16

Acetone

Concen: 23.466 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019711.D

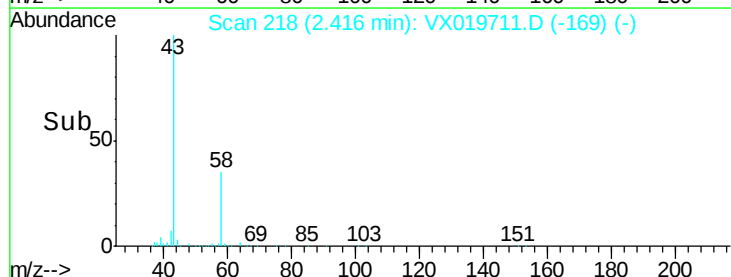
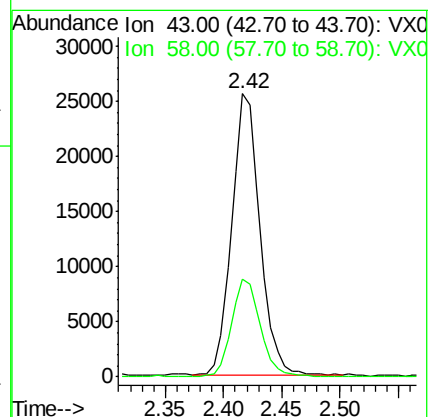
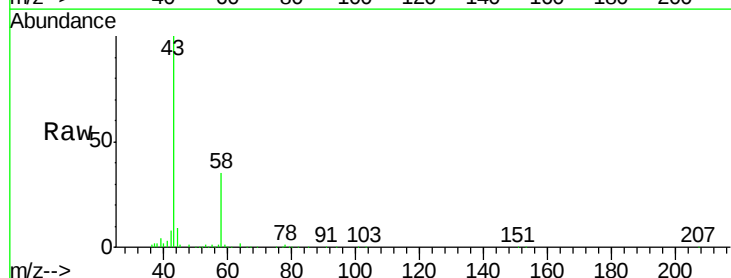
Acq: 04 Dec 2020 11:12

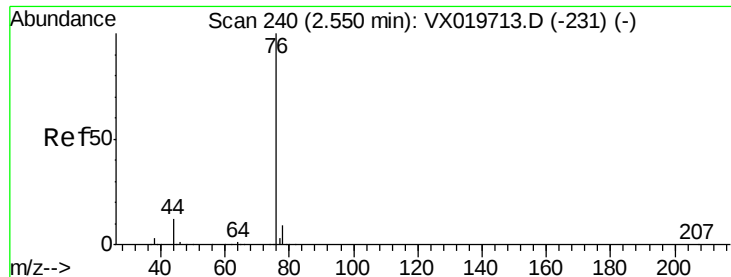
Tgt Ion: 43 Resp: 43172

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.8

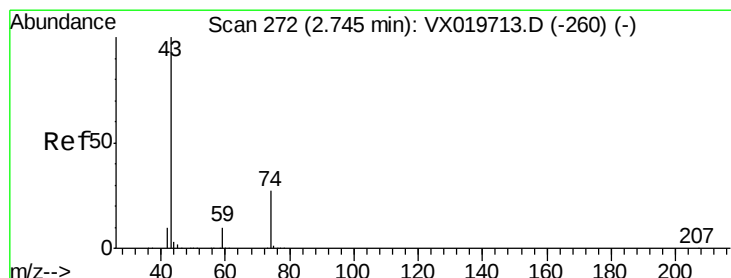
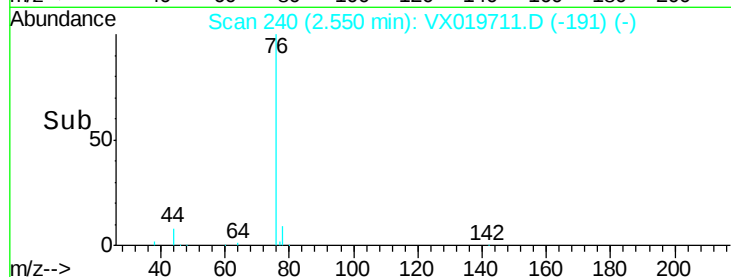
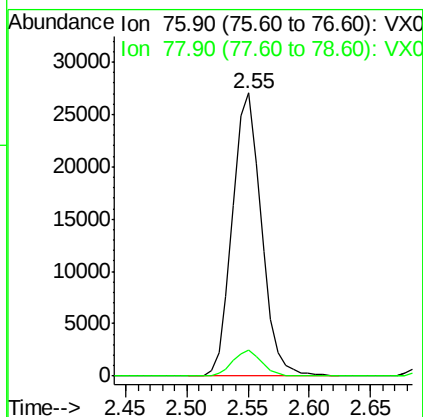
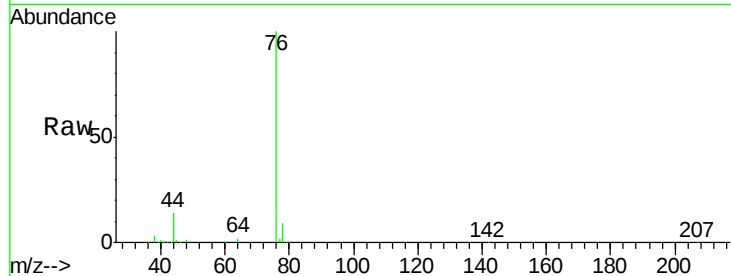




#17
Carbon Disulfide
Concen: 4.774 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

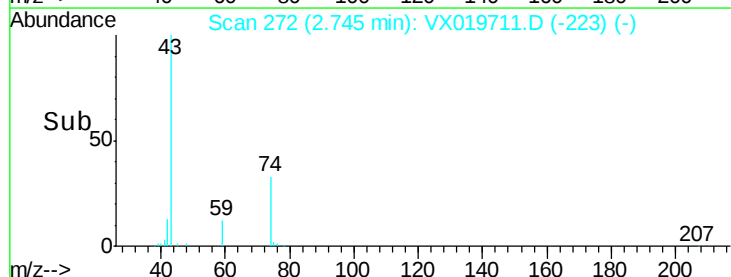
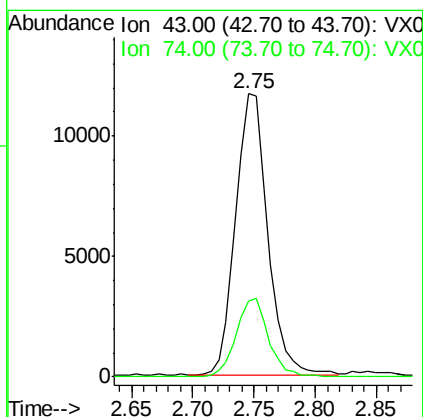
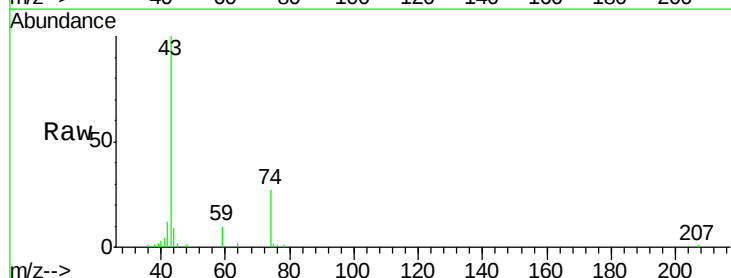
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

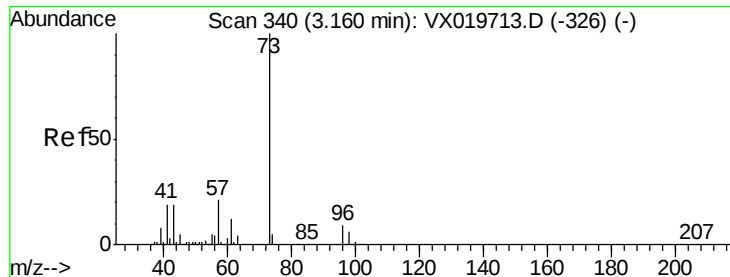
Tgt Ion: 76 Resp: 44319
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 4.605 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 43 Resp: 21283
Ion Ratio Lower Upper
43 100
74 28.1 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 4.832 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

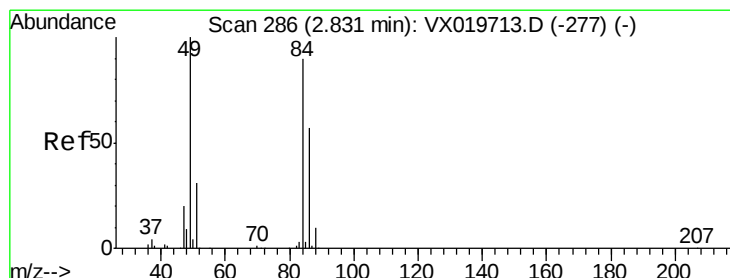
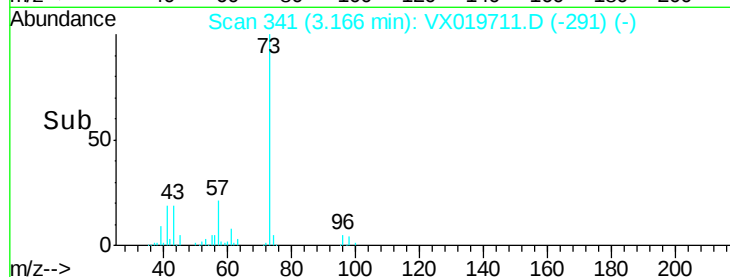
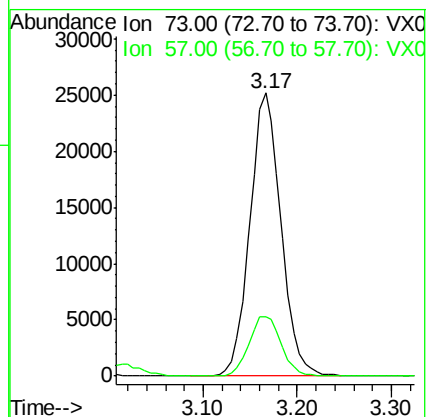
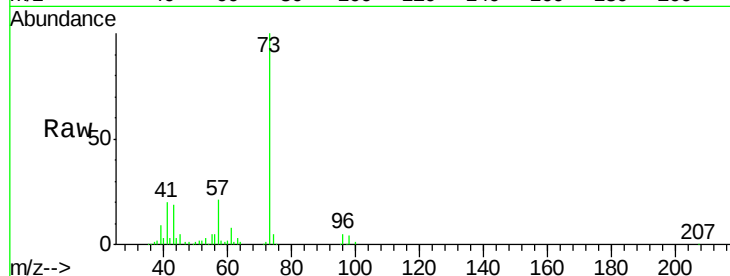
VSTDIC005

Tgt Ion: 73 Resp: 58296

Ion Ratio Lower Upper

73 100

57 20.8 17.1 25.7



#20

Methylene Chloride

Concen: 4.883 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion: 84 Resp: 22950

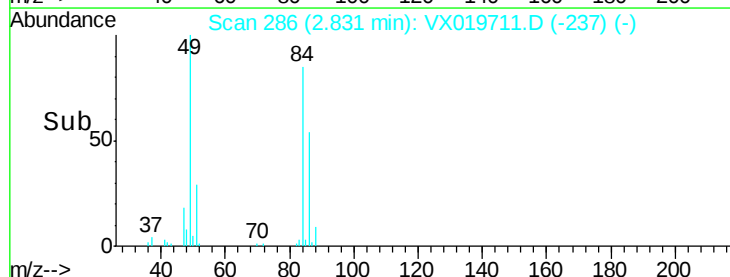
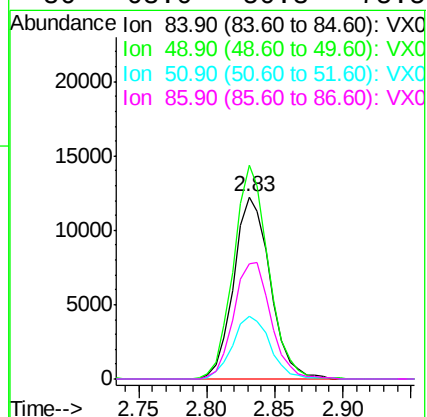
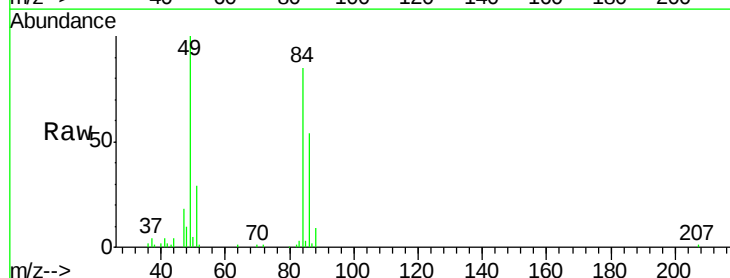
Ion Ratio Lower Upper

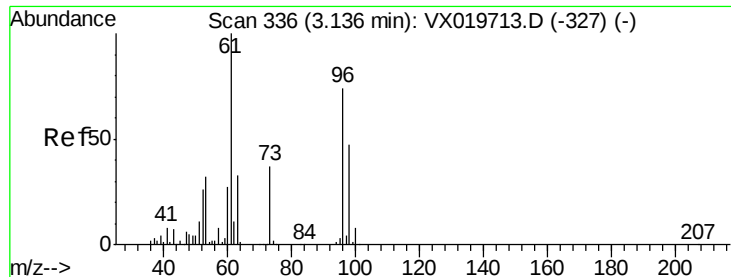
84 100

49 117.2 88.6 132.8

51 34.2 27.0 40.6

86 63.0 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 4.881 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

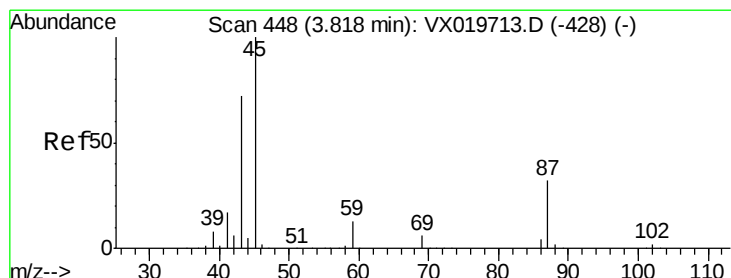
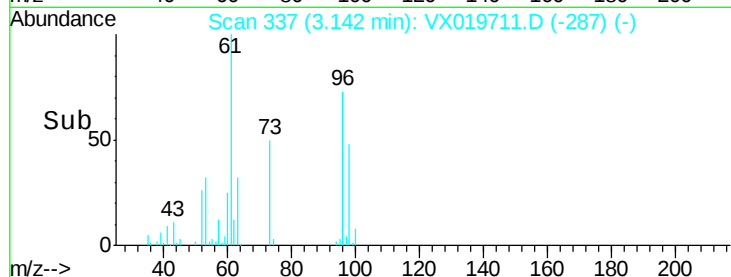
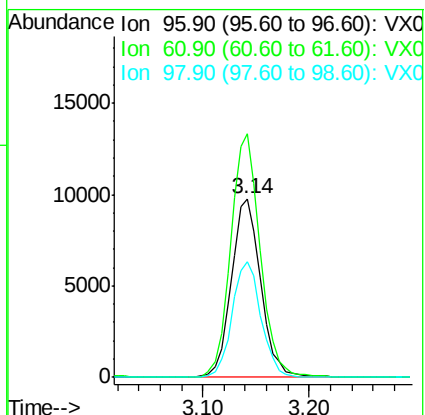
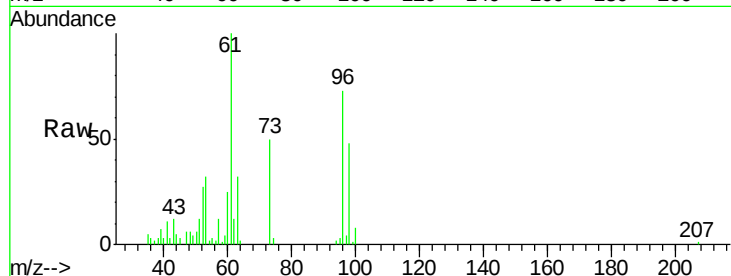
Tgt Ion: 96 Resp: 18874

Ion Ratio Lower Upper

96 100

61 136.2 107.7 161.5

98 64.8 50.4 75.6



#22

Diisopropyl ether

Concen: 4.862 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion: 45 Resp: 55397

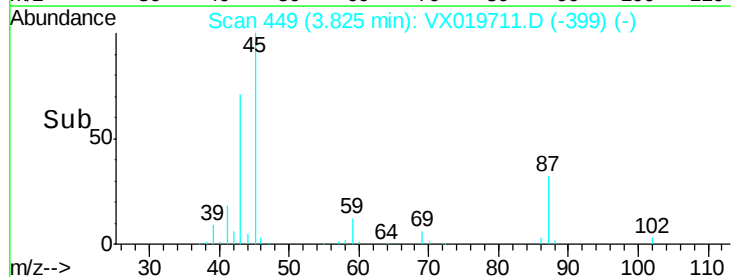
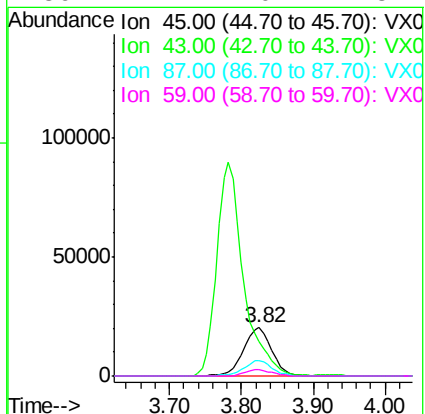
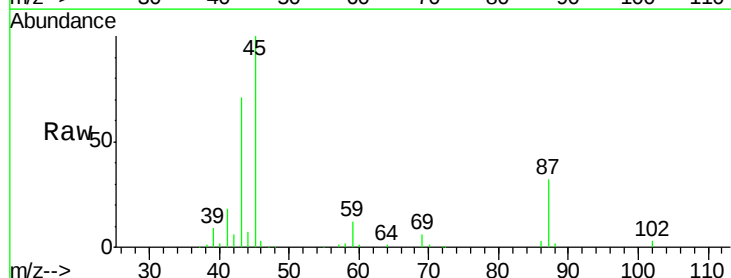
Ion Ratio Lower Upper

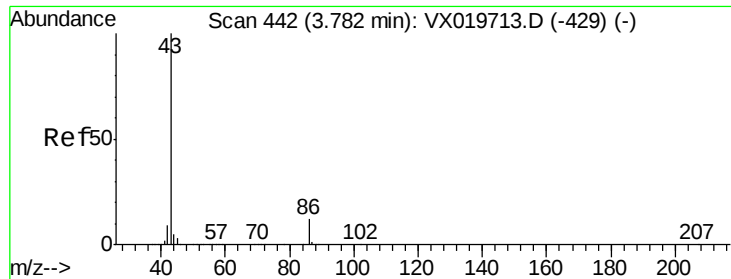
45 100

43 70.6 58.0 87.0

87 31.6 25.4 38.0

59 12.2 10.2 15.2





#23

Vinyl Acetate

Concen: 24.183 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

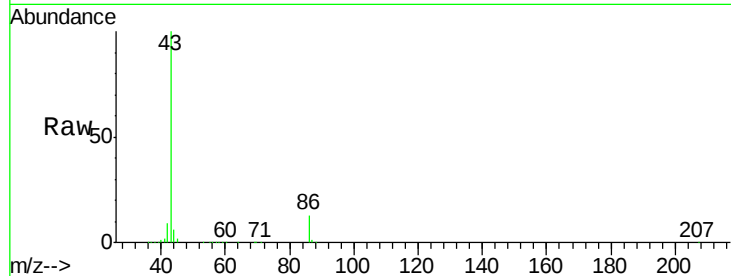
VSTDIC005

Tgt Ion: 43 Resp: 232006

Ion Ratio Lower Upper

43 100

86 12.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

100000

80000

60000

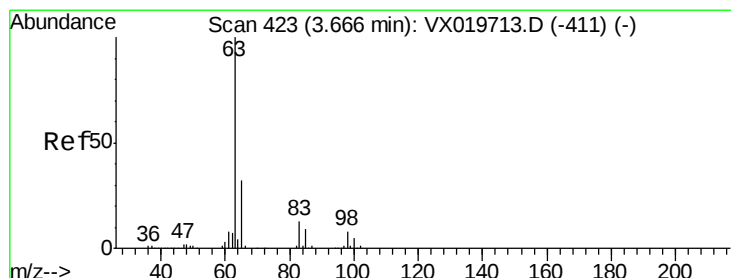
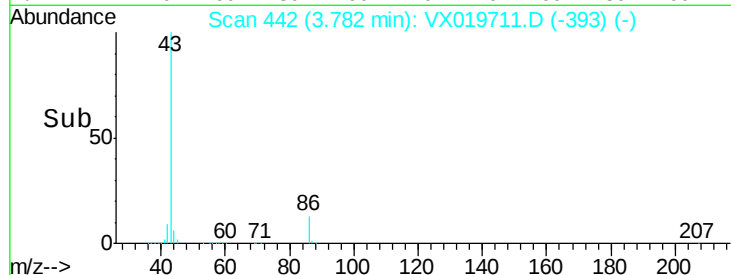
40000

20000

0

Time-->

3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 4.935 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

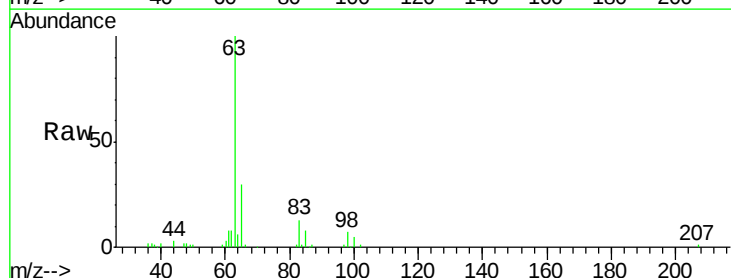
Tgt Ion: 63 Resp: 34064

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 5.2 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

20000

15000

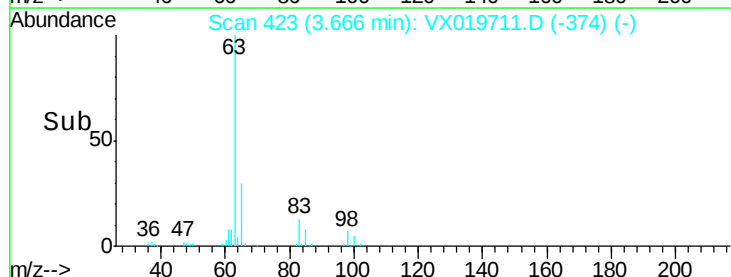
10000

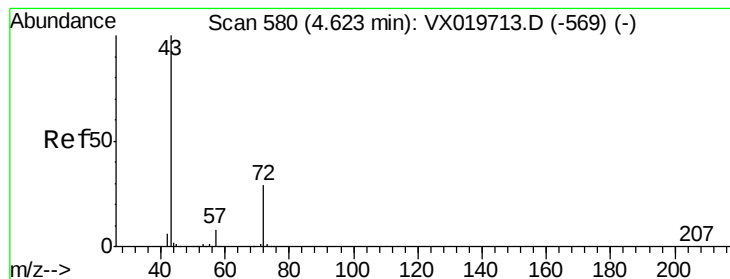
5000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 24.494 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

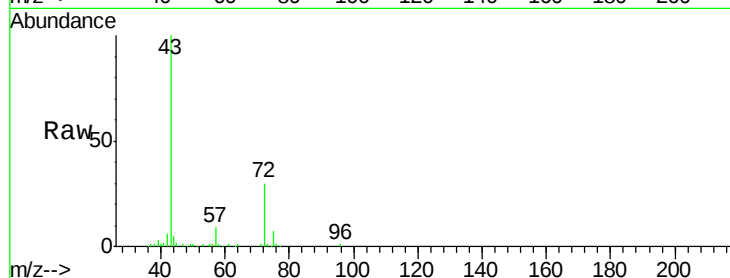
VSTDIC005

Tgt Ion: 43 Resp: 66601

Ion Ratio Lower Upper

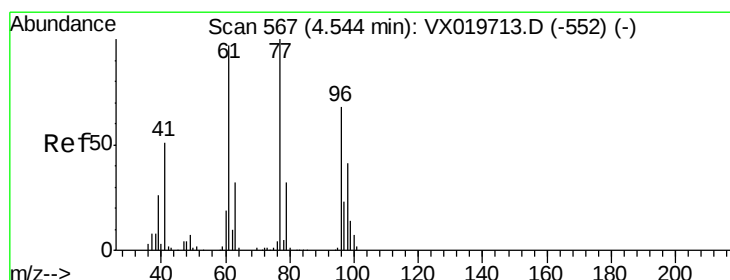
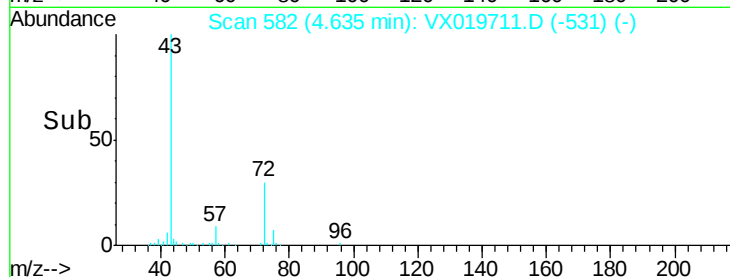
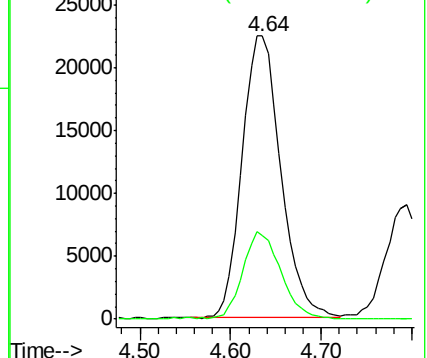
43 100

72 29.4 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.896 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019711.D

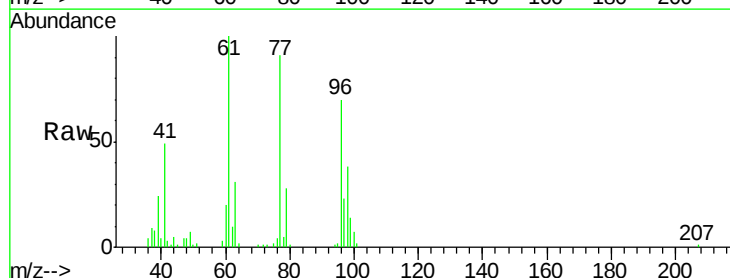
Acq: 04 Dec 2020 11:12

Tgt Ion: 77 Resp: 28208

Ion Ratio Lower Upper

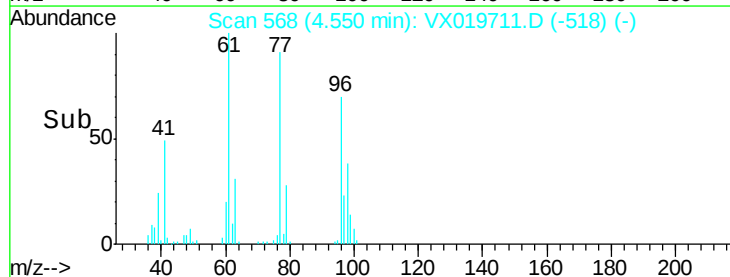
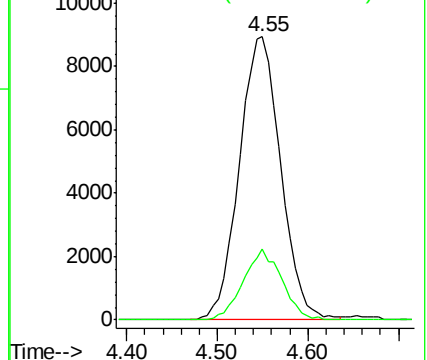
77 100

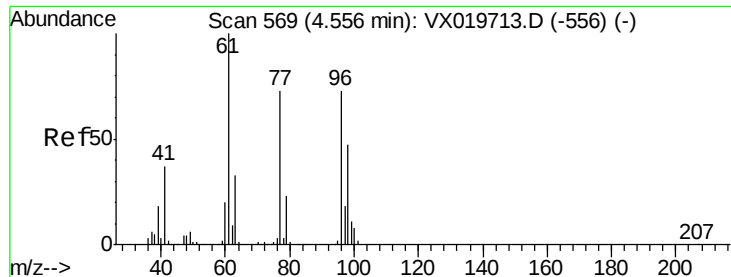
97 23.2 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 4.930 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

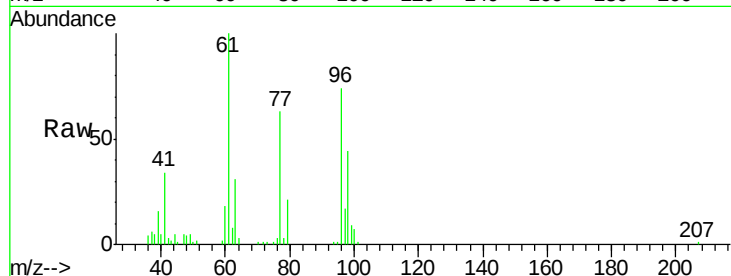
Tgt Ion: 96 Resp: 22211

Ion Ratio Lower Upper

96 100

61 157.2 0.0 285.6

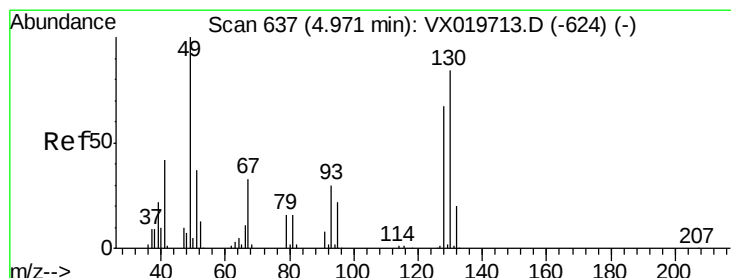
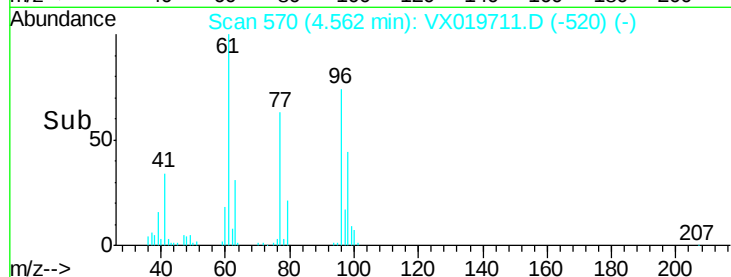
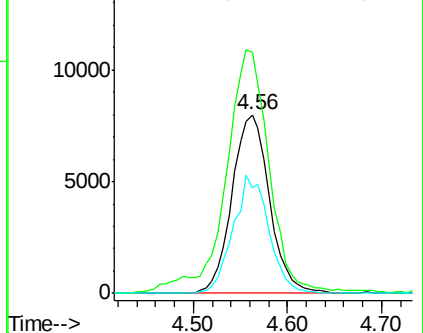
98 62.7 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 4.925 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

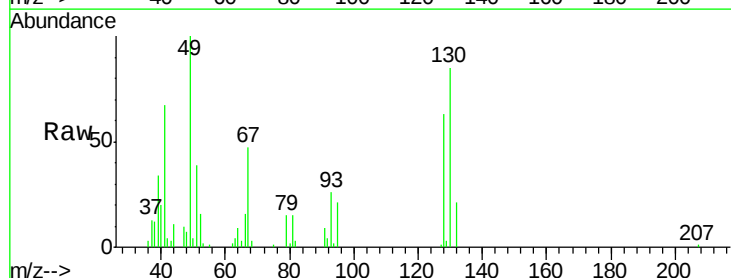
Tgt Ion: 49 Resp: 15496

Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.0

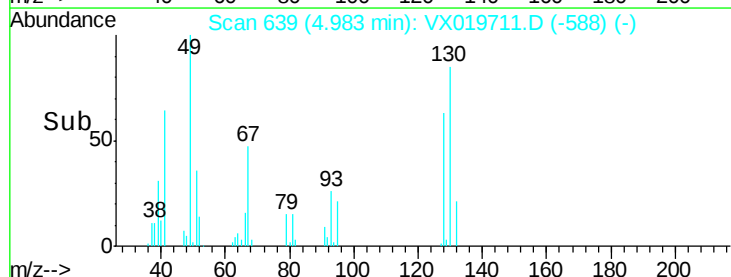
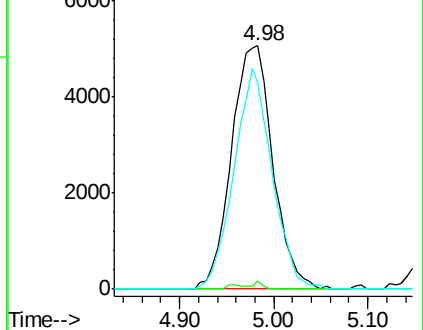
130 83.6 68.2 102.2

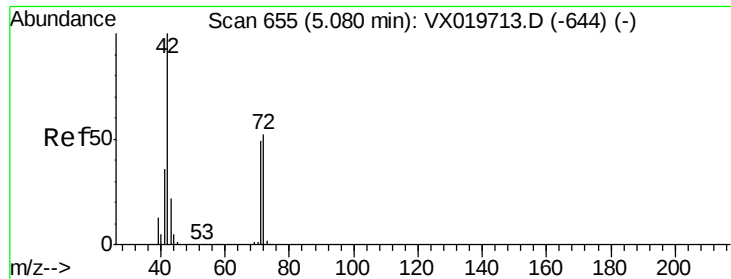


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

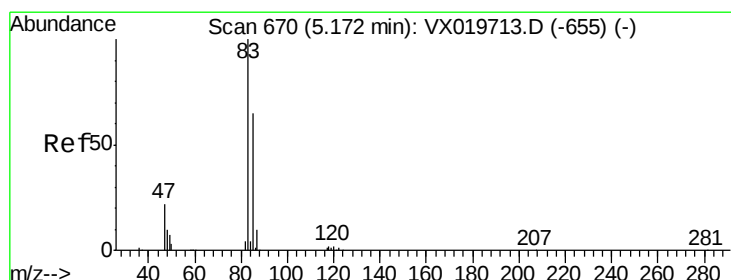
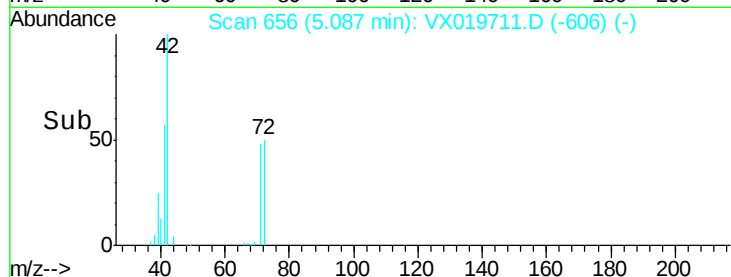
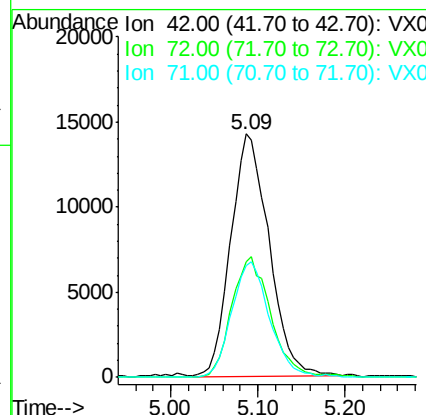
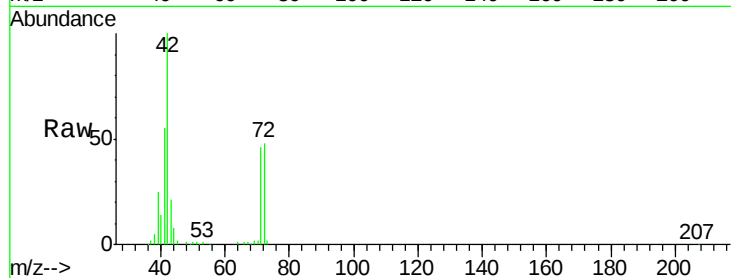




#29
Tetrahydrofuran
Concen: 24.978 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

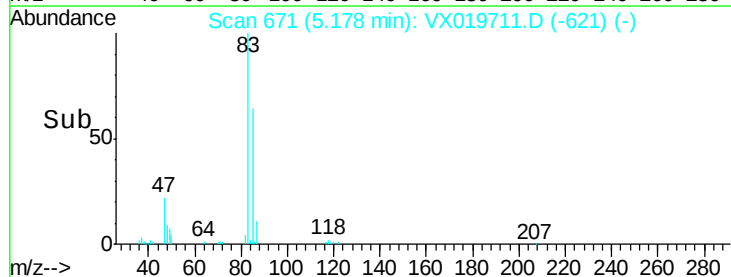
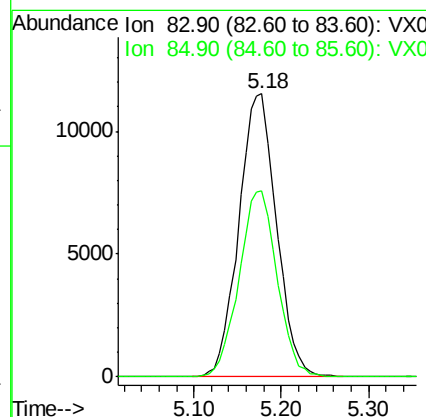
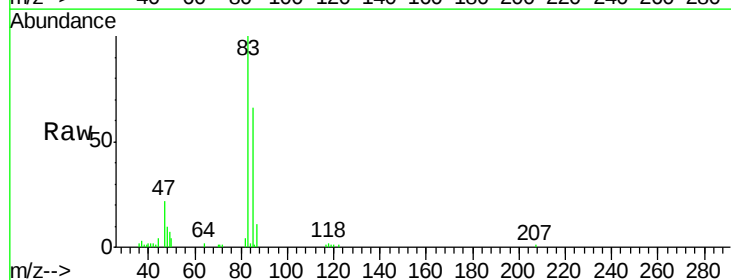
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

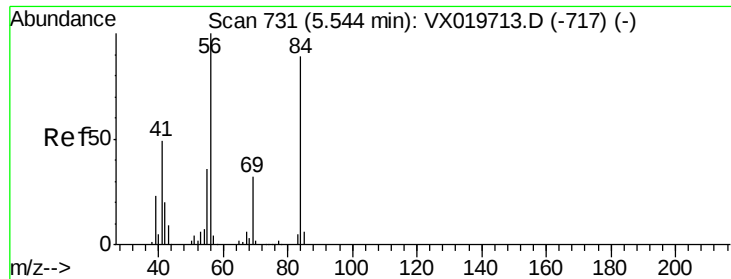
Tgt Ion: 42 Resp: 43435
Ion Ratio Lower Upper
42 100
72 50.7 41.7 62.5
71 47.5 38.4 57.6



#30
Chloroform
Concen: 4.856 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 83 Resp: 34433
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0

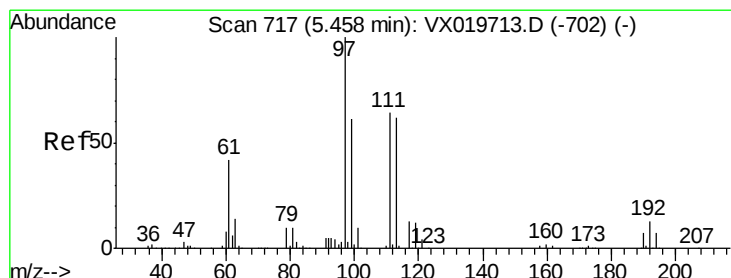
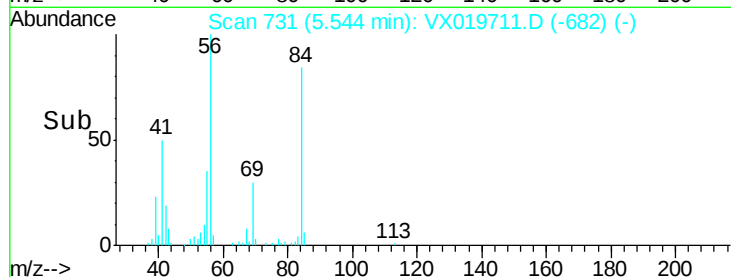
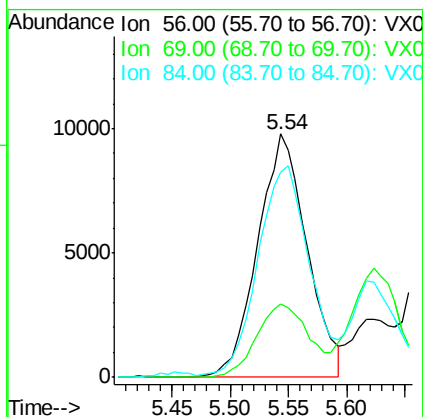
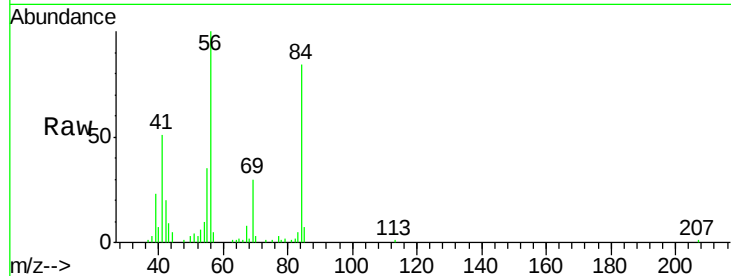




#31
Cyclohexane
Concen: 4.751 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

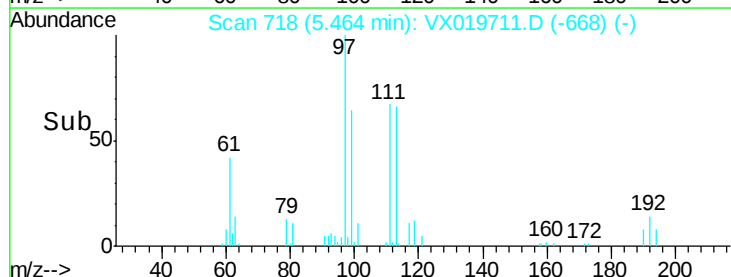
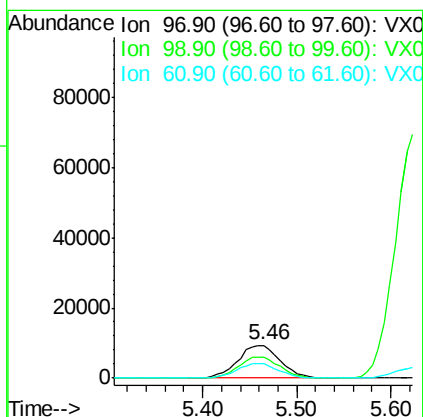
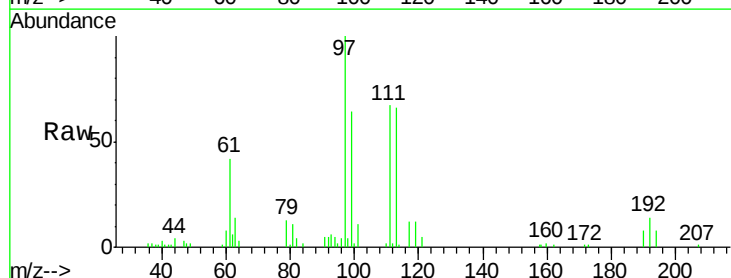
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

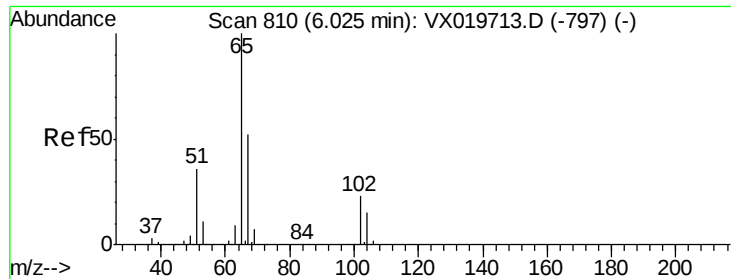
Tgt Ion: 56 Resp: 28670
Ion Ratio Lower Upper
56 100
69 30.1 25.3 37.9
84 82.2 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 4.803 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 97 Resp: 29072
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 44.4 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 4.899 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

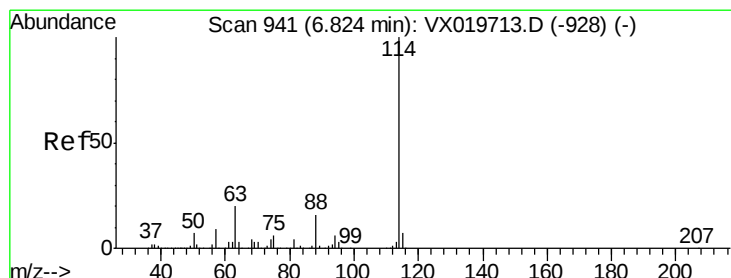
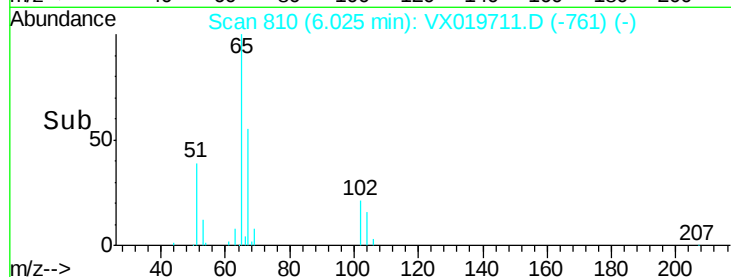
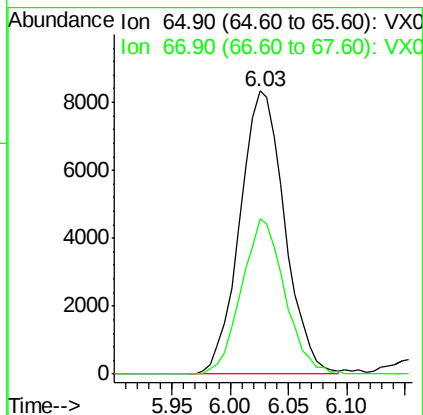
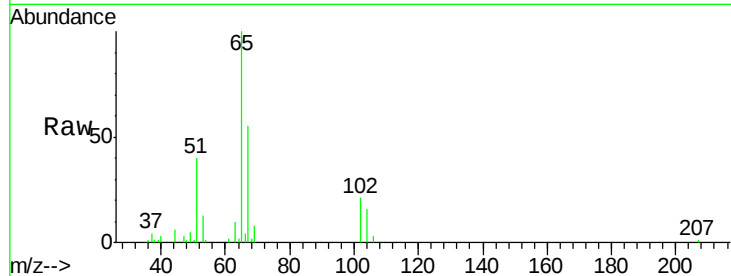
VSTDIC005

Tgt Ion: 65 Resp: 22373

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

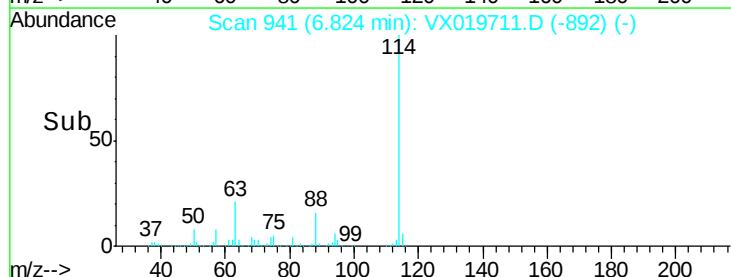
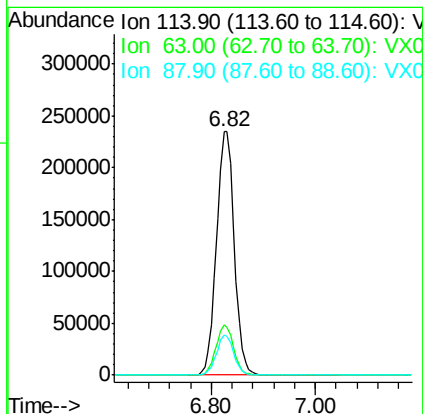
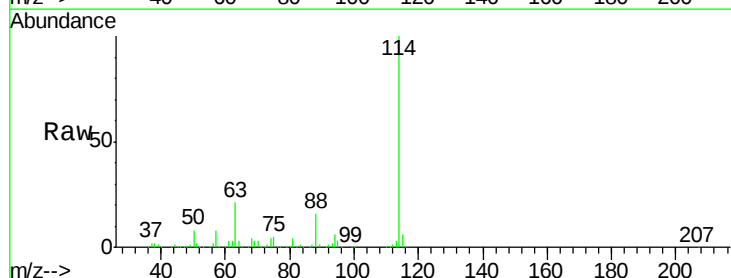
Tgt Ion: 114 Resp: 560574

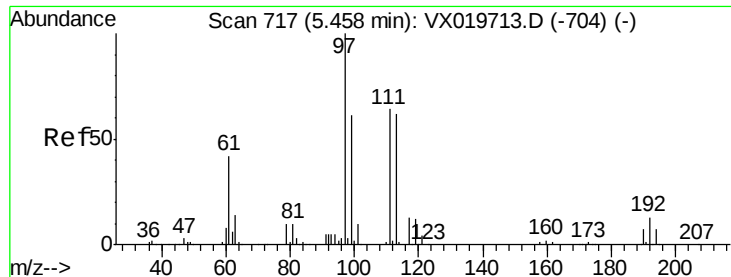
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 16.5 0.0 32.8

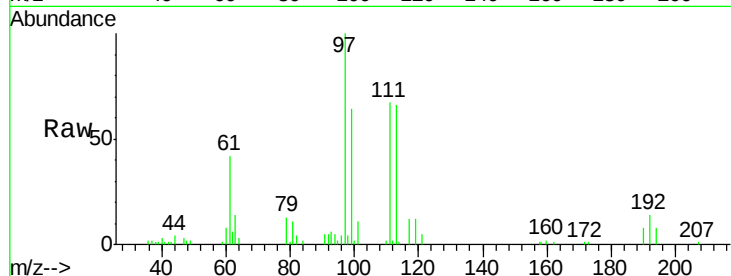




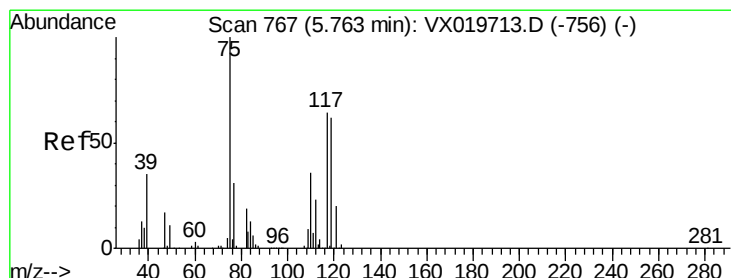
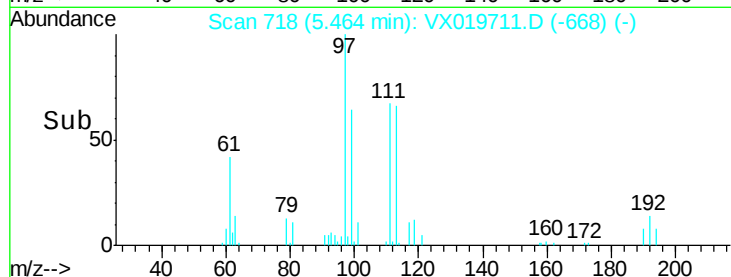
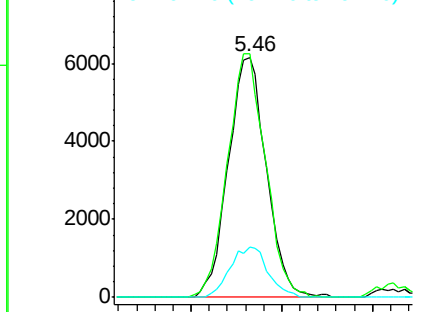
#35
 Dibromofluoromethane
 Concen: 4.887 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 17947
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.9 122.9
 192 20.7 16.7 25.1

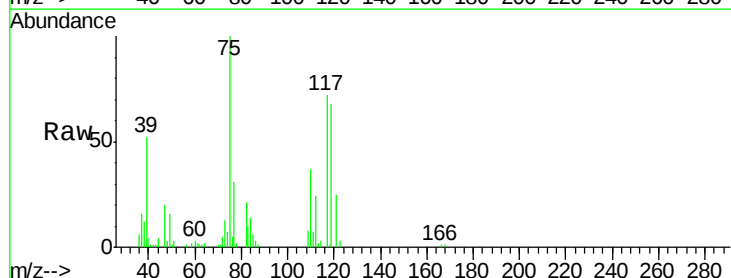


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

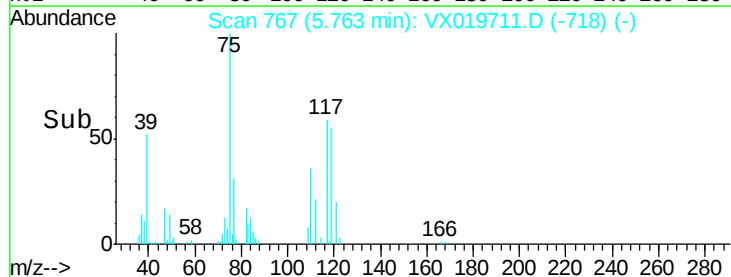
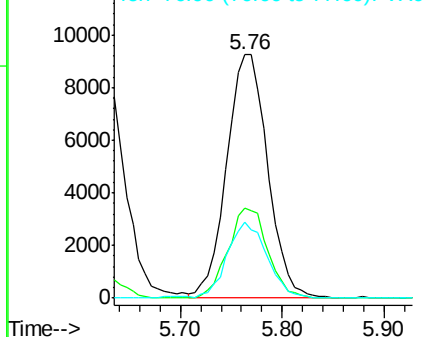


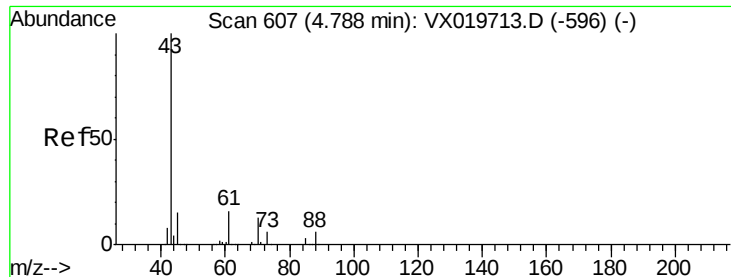
#36
 1,1-Dichloropropene
 Concen: 4.981 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion: 75 Resp: 25815
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.1 54.4
 77 30.3 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

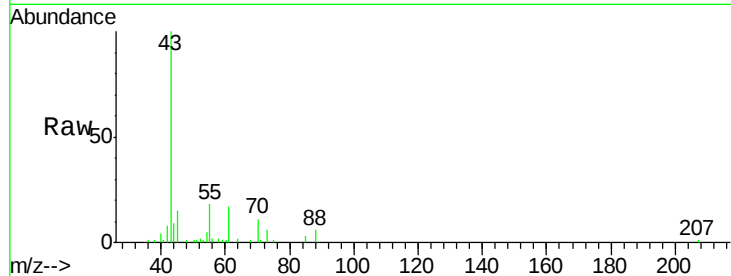




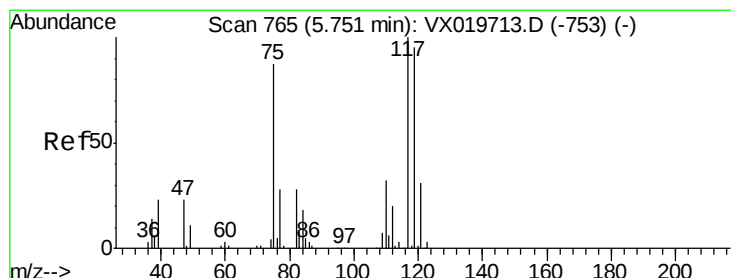
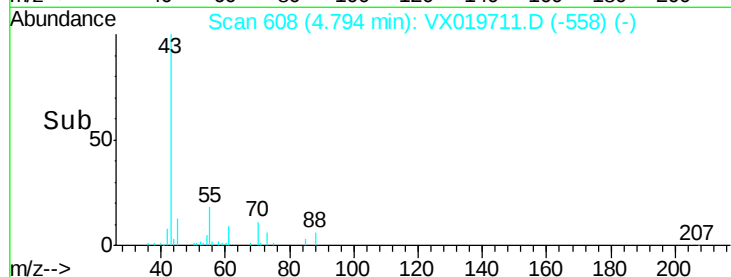
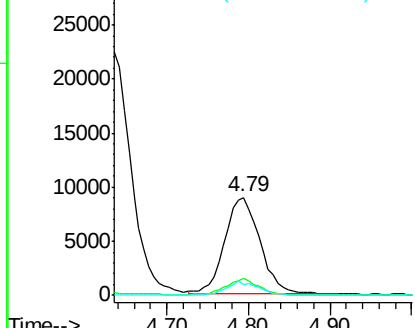
#37
Ethyl Acetate
Concen: 5.172 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 26844
Ion Ratio Lower Upper
43 100
61 16.4 12.8 19.2
70 13.2 10.5 15.7

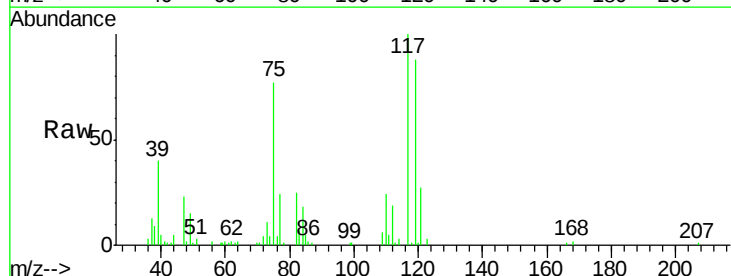


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

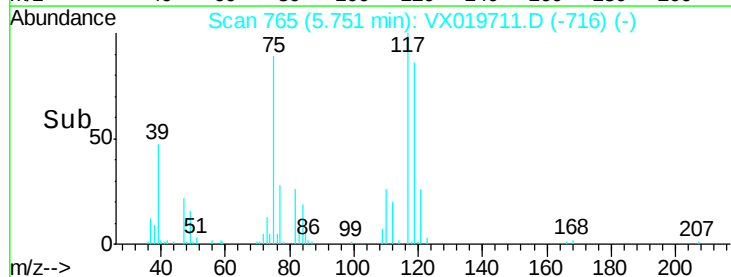
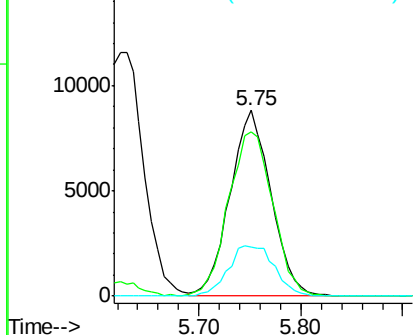


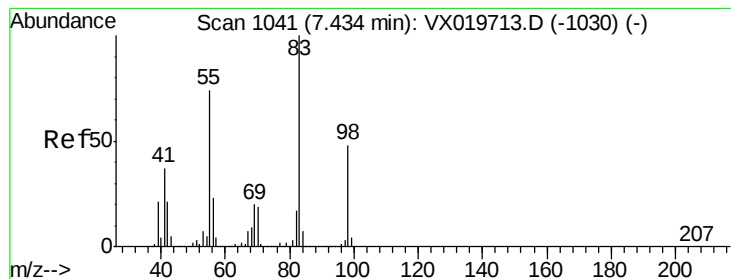
#38
Carbon Tetrachloride
Concen: 4.787 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 117 Resp: 24638
Ion Ratio Lower Upper
117 100
119 88.0 76.2 114.2
121 26.7 24.8 37.2



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





#39

Methylcyclohexane

Concen: 4.783 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

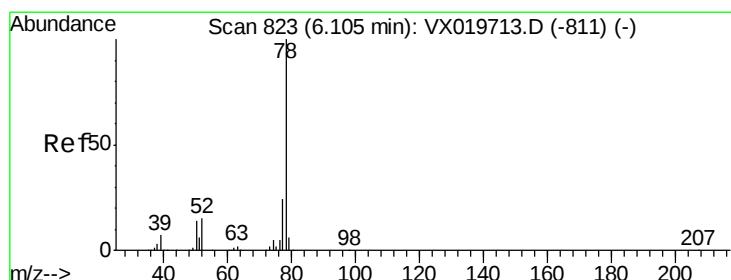
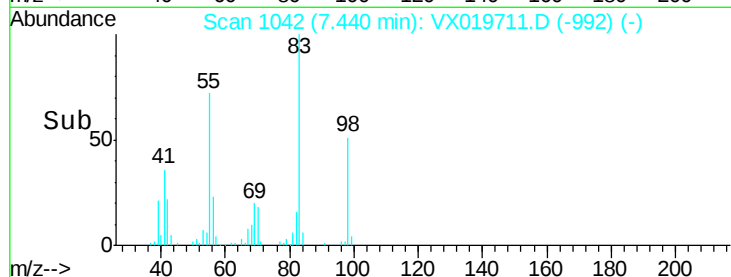
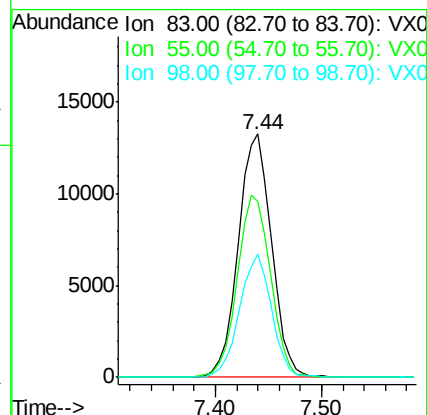
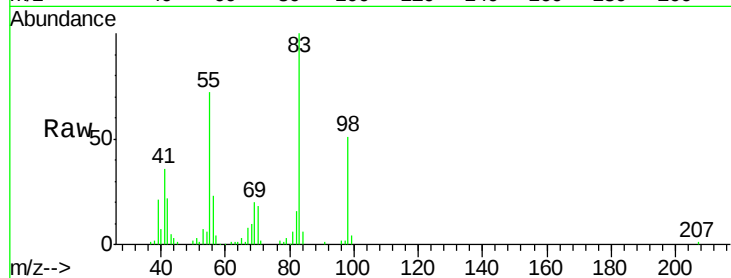
Tgt Ion: 83 Resp: 29136

Ion Ratio Lower Upper

83 100

55 72.2 58.9 88.3

98 50.8 38.1 57.1



#40

Benzene

Concen: 5.005 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX019711.D

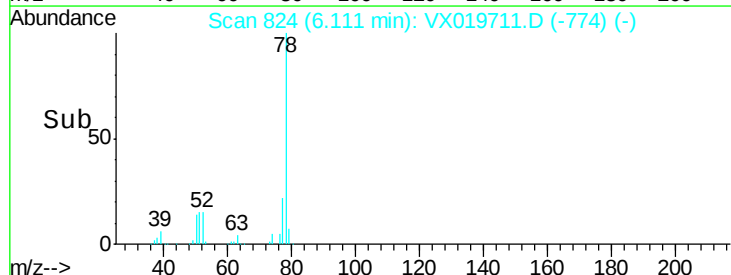
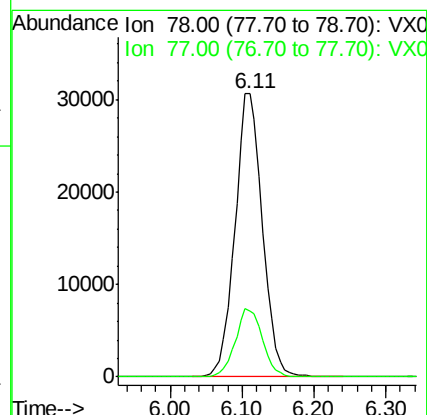
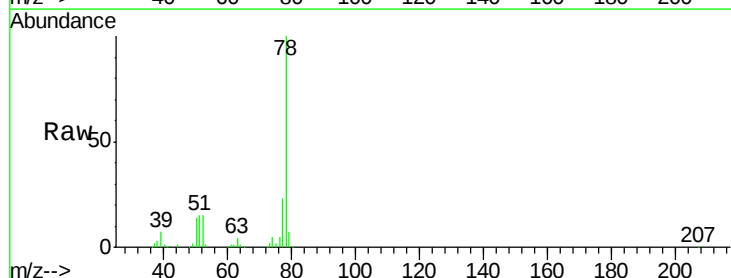
Acq: 04 Dec 2020 11:12

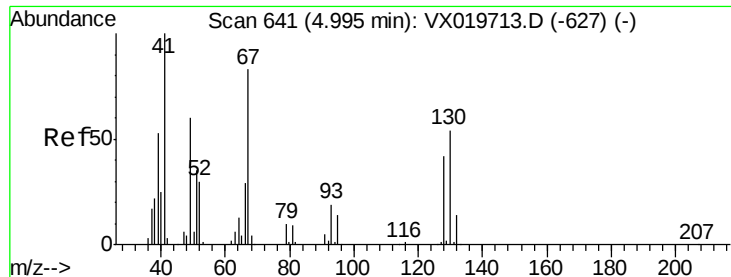
Tgt Ion: 78 Resp: 80885

Ion Ratio Lower Upper

78 100

77 23.2 18.9 28.3





#41

Methacrylonitrile

Concen: 4.967 ug/l

RT: 5.00 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 14269

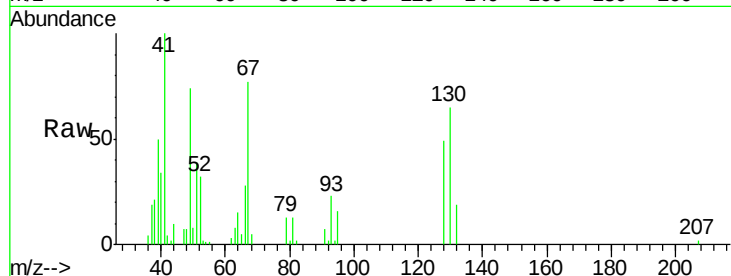
Ion Ratio Lower Upper

41 100

39 55.2 42.5 63.7

67 82.0 65.0 97.6

52 31.5 25.3 37.9

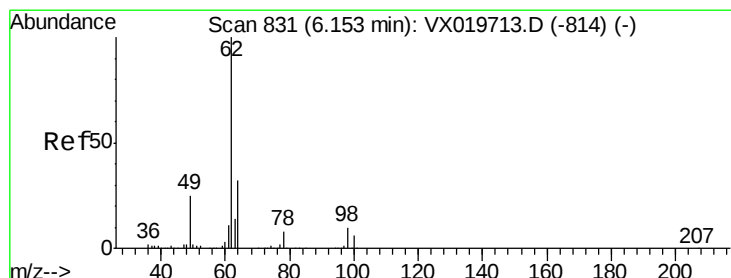
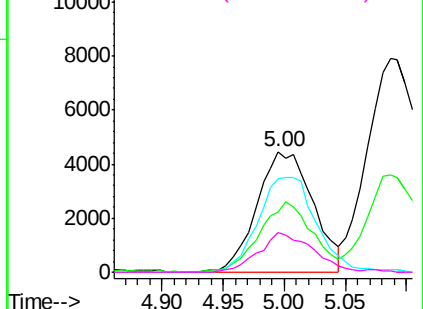
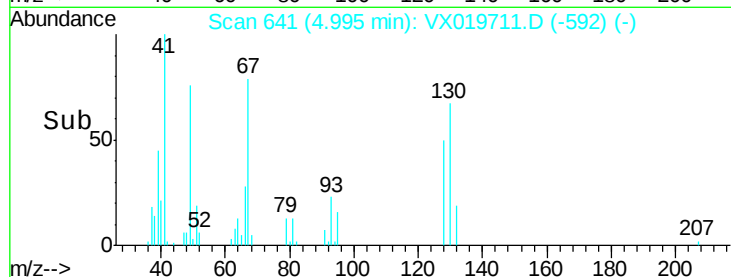


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 4.964 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.01 min

Lab File: VX019711.D

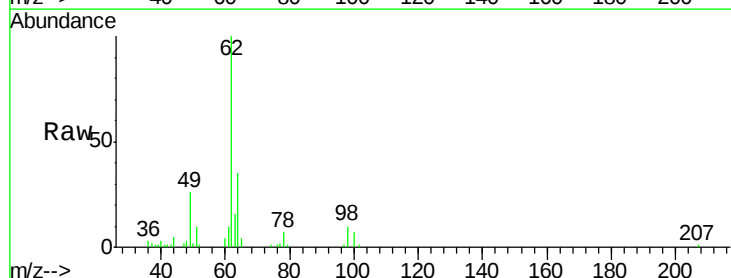
Acq: 04 Dec 2020 11:12

Tgt Ion: 62 Resp: 27561

Ion Ratio Lower Upper

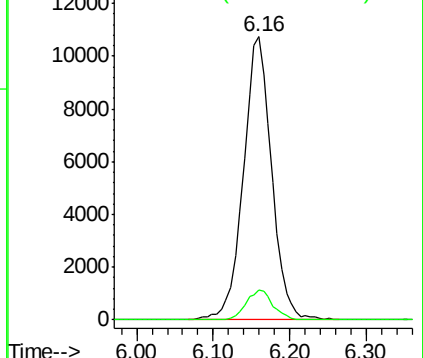
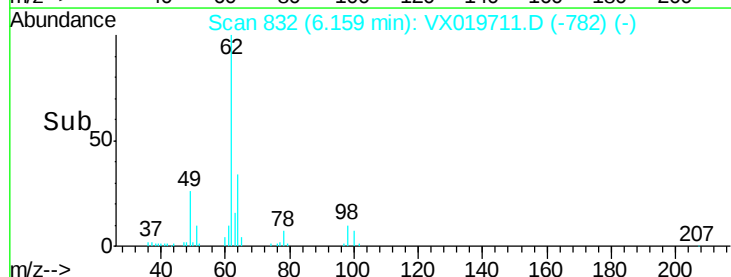
62 100

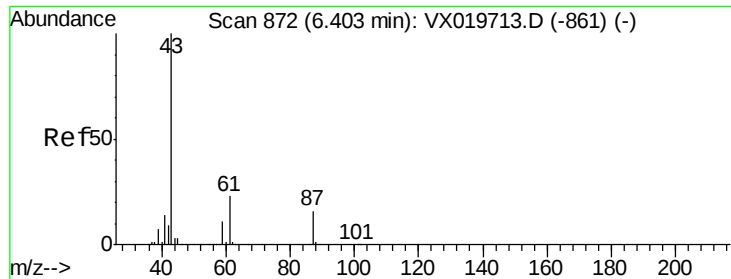
98 10.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.902 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

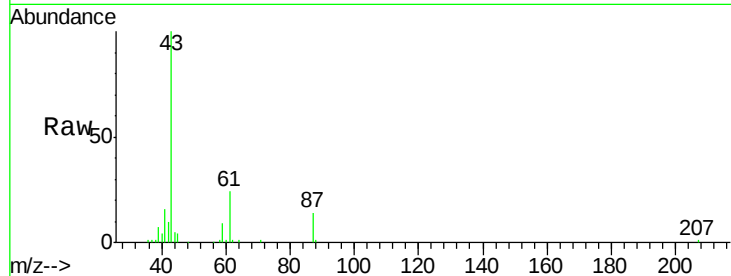
Tgt Ion: 43 Resp: 42123

Ion Ratio Lower Upper

43 100

61 23.0 18.2 27.4

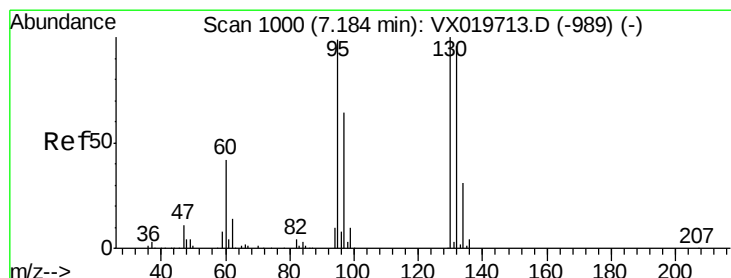
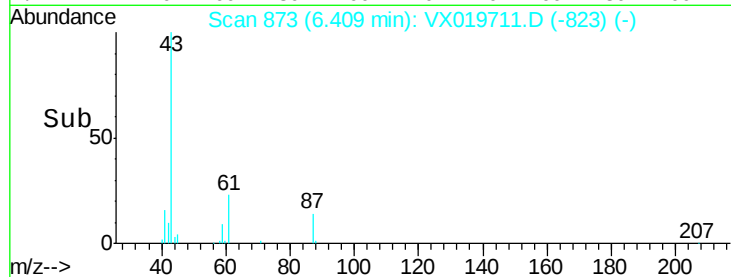
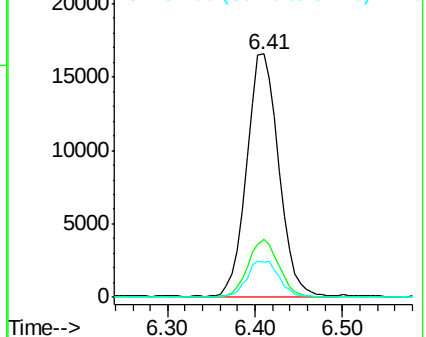
87 15.1 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 4.896 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019711.D

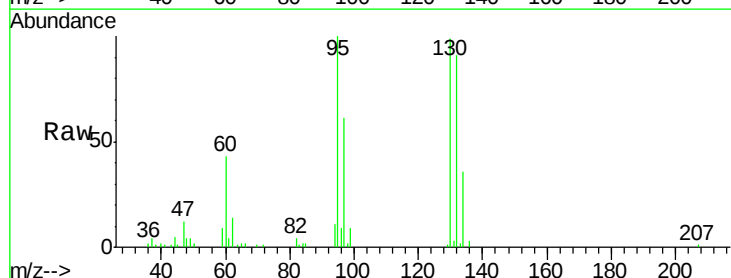
Acq: 04 Dec 2020 11:12

Tgt Ion: 130 Resp: 20668

Ion Ratio Lower Upper

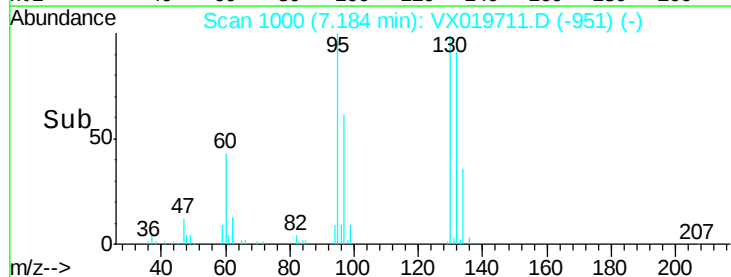
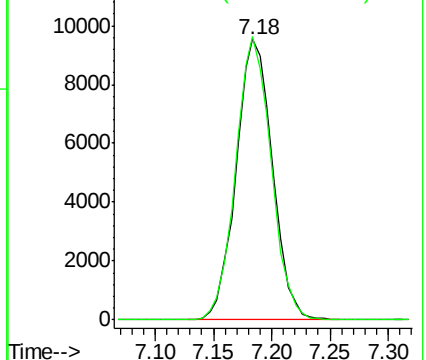
130 100

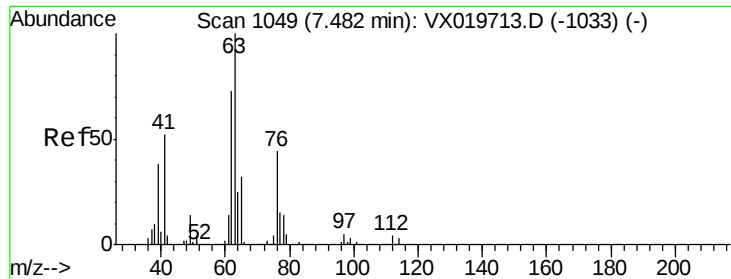
95 100.9 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

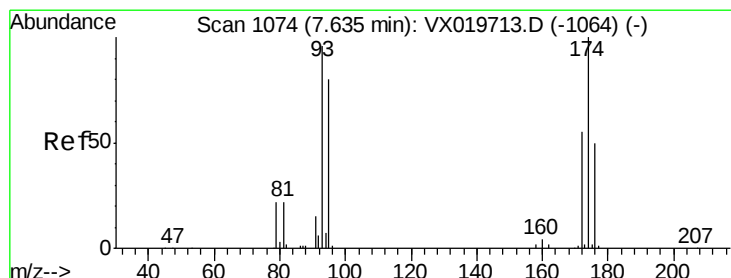
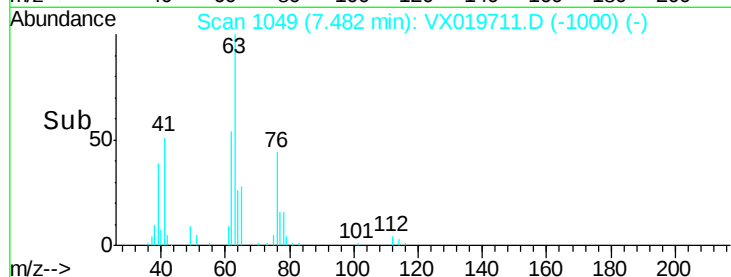
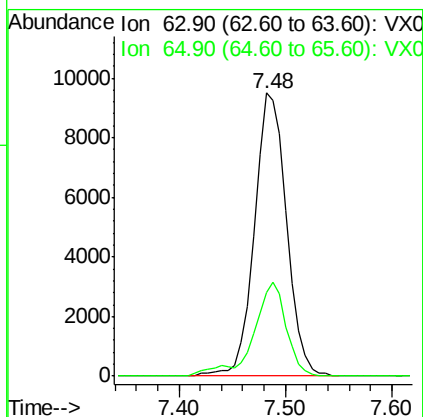
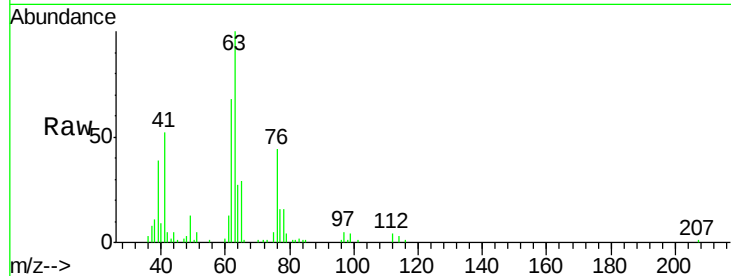




#45
 1,2-Dichloropropane
 Concen: 4.941 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

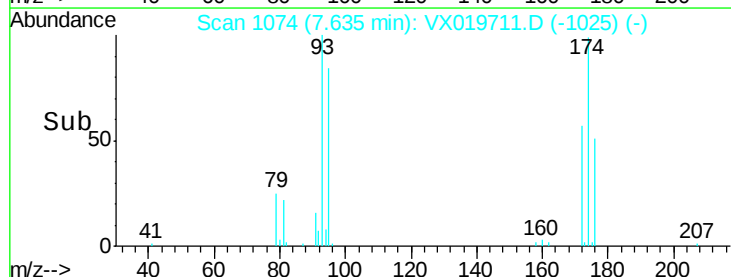
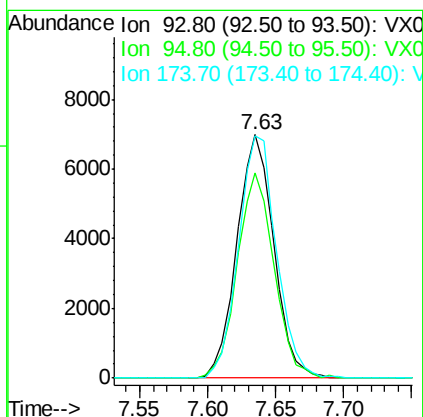
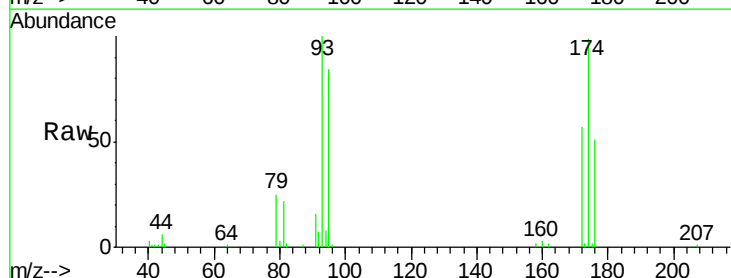
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

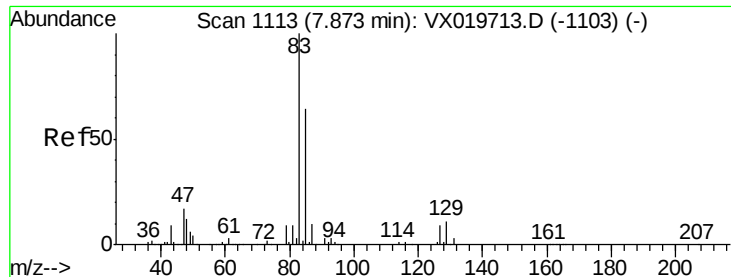
Tgt Ion: 63 Resp: 20085
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.7 38.5



#46
 Dibromomethane
 Concen: 4.859 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion: 93 Resp: 13248
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.8 100.2
 174 102.4 83.1 124.7

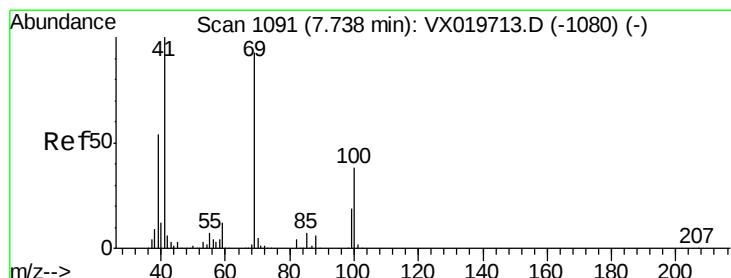
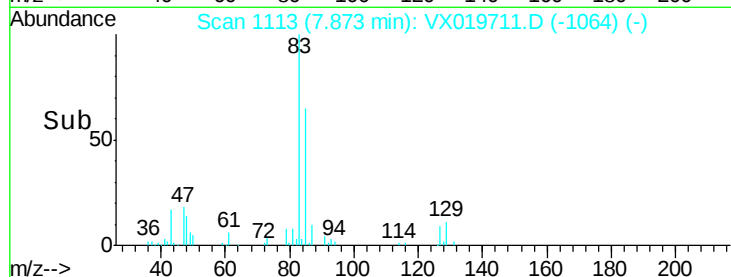
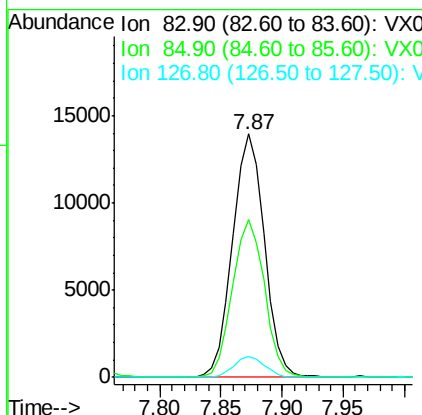
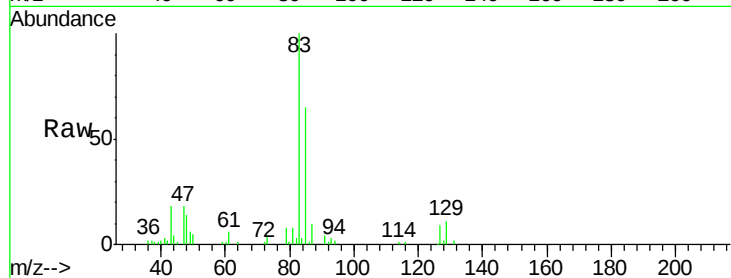




#47
 Bromodichloromethane
 Concen: 4.665 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

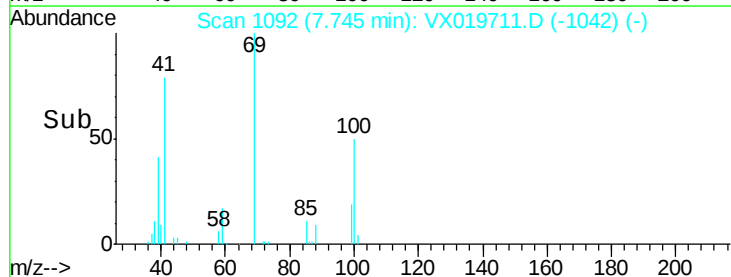
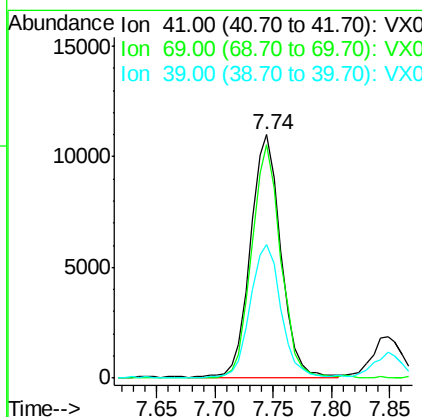
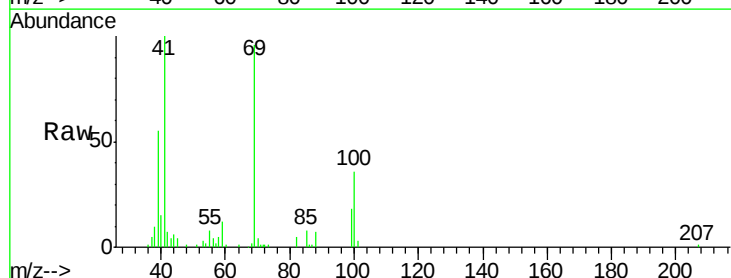
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

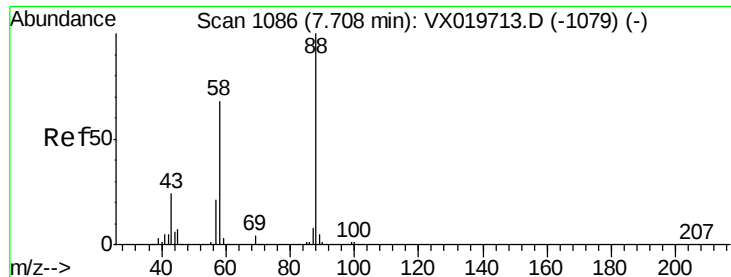
Tgt Ion: 83 Resp: 25214
 Ion Ratio Lower Upper
 83 100
 85 65.0 51.4 77.0
 127 8.7 6.8 10.2



#48
 Methyl methacrylate
 Concen: 4.769 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion: 41 Resp: 20254
 Ion Ratio Lower Upper
 41 100
 69 91.3 76.0 114.0
 39 55.5 44.6 67.0

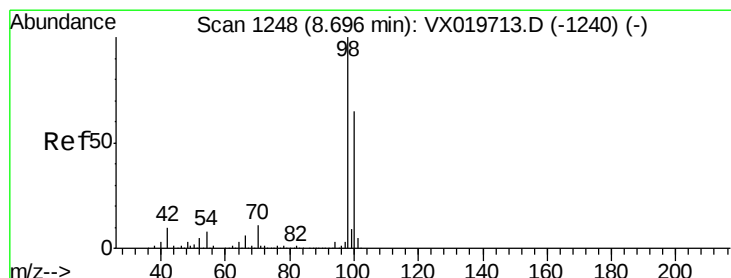
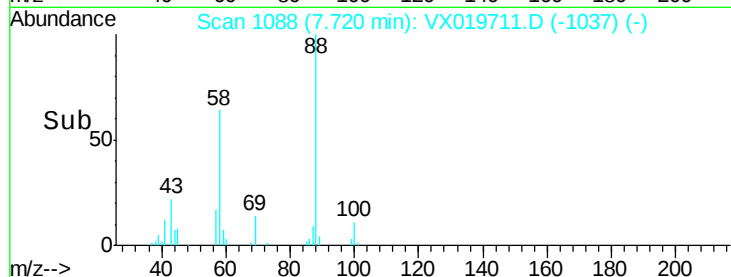
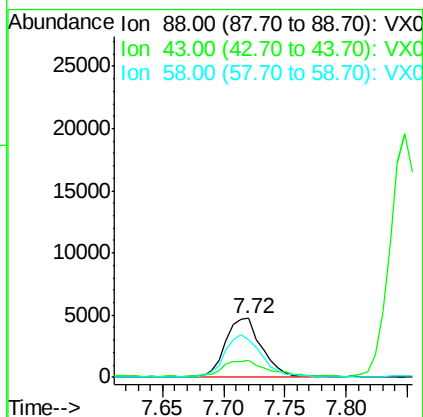
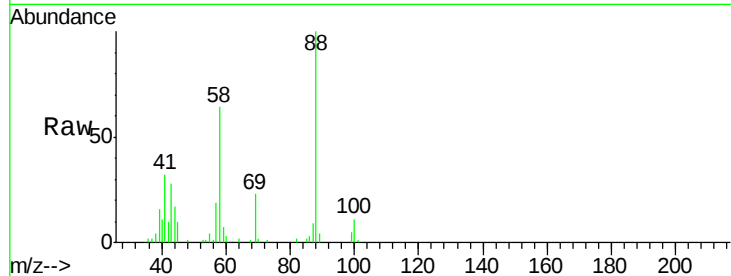




#49
1,4-Dioxane
Concen: 101.402 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

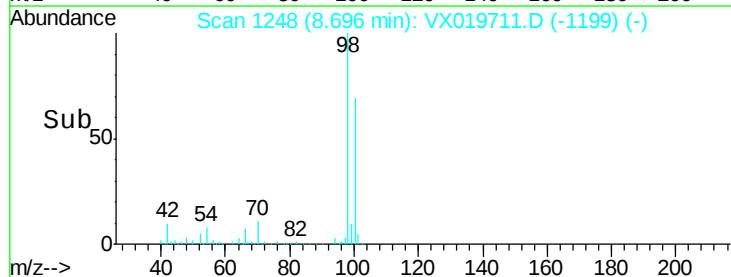
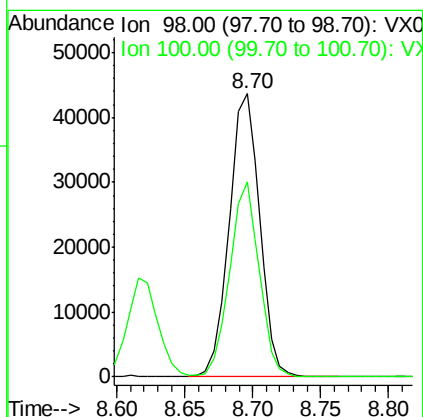
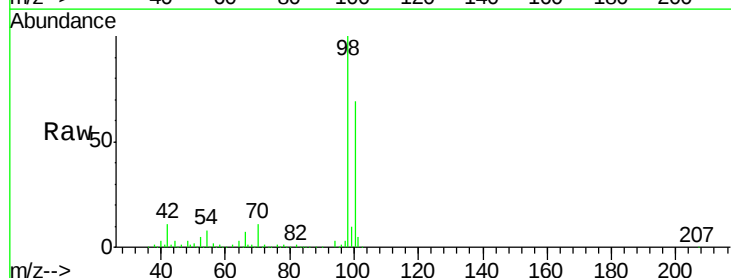
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

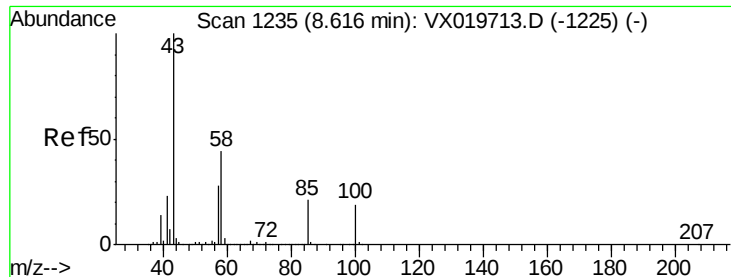
Tgt Ion: 88 Resp: 9900
Ion Ratio Lower Upper
88 100
43 32.5 23.2 34.8
58 72.3 55.0 82.4



#50
Toluene-d8
Concen: 4.835 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 98 Resp: 68017
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

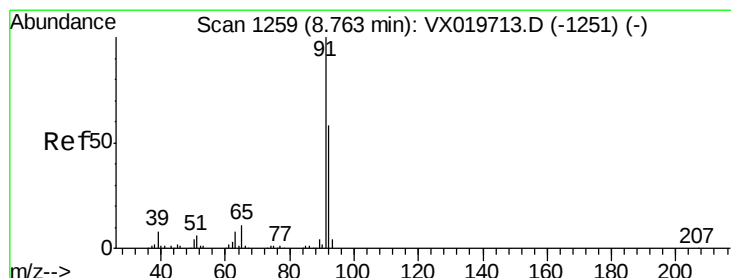
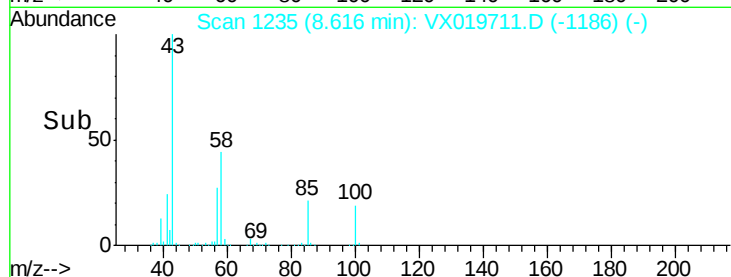
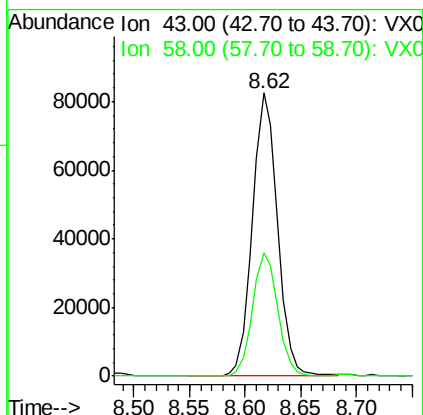
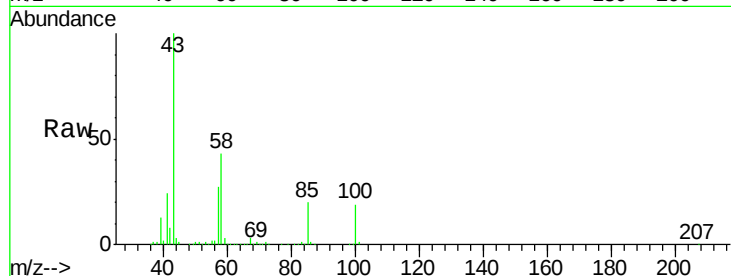




#51
 4-Methyl-2-Pentanone
 Concen: 24.747 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

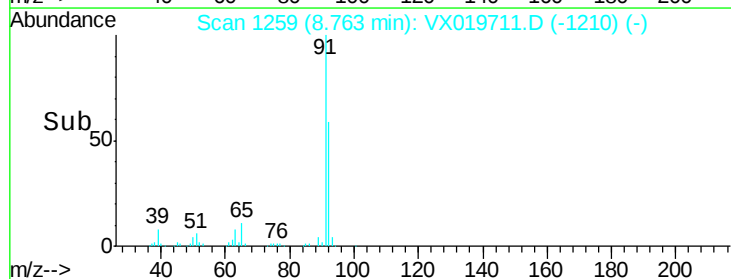
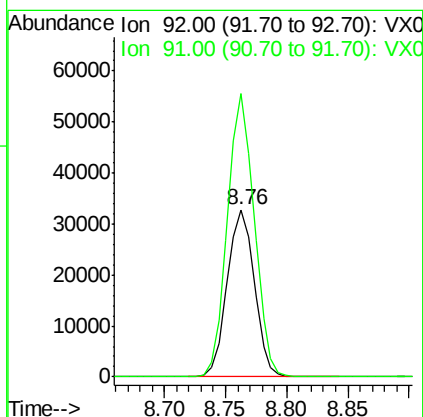
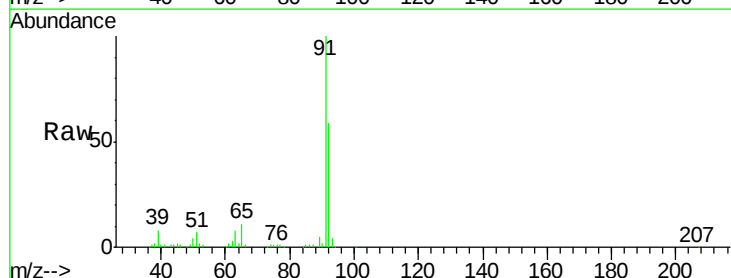
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

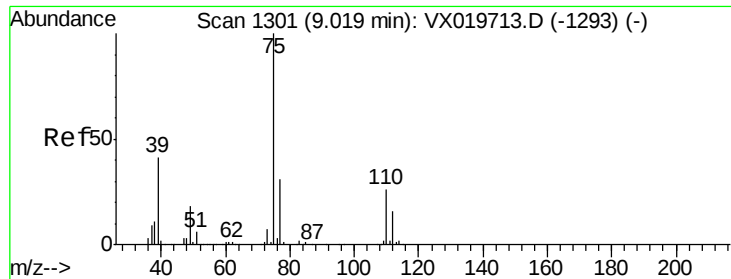
Tgt Ion: 43 Resp: 129906
 Ion Ratio Lower Upper
 43 100
 58 43.9 35.4 53.0



#52
 Toluene
 Concen: 4.996 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion: 92 Resp: 50274
 Ion Ratio Lower Upper
 92 100
 91 167.5 137.1 205.7

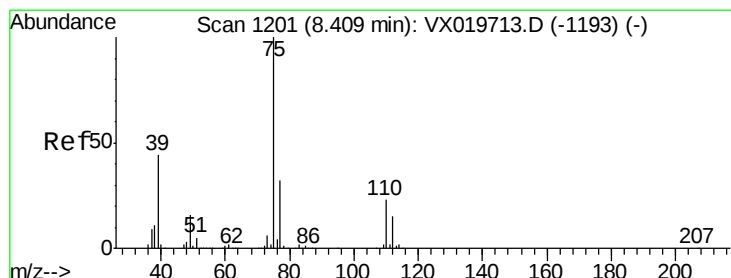
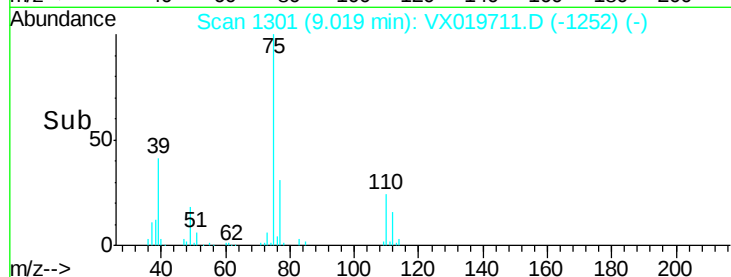
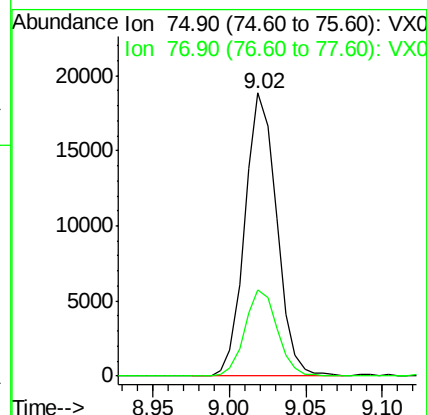
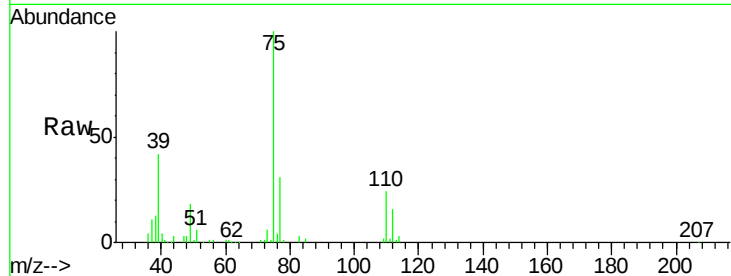




#53
t-1,3-Dichloropropene
Concen: 4.599 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

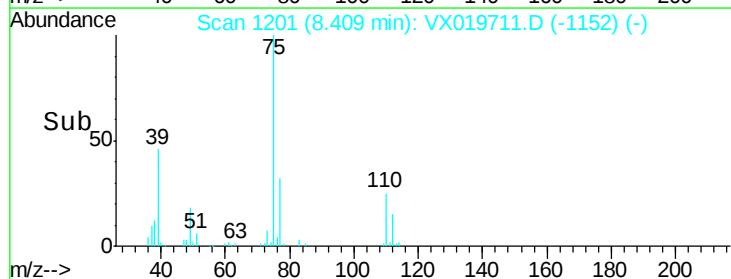
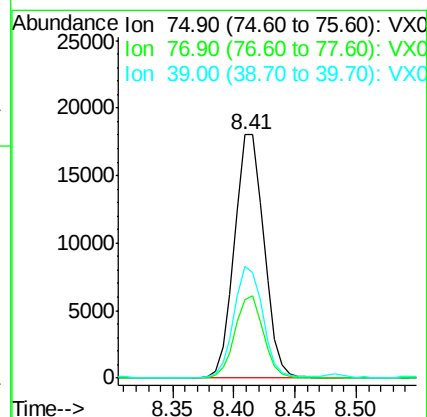
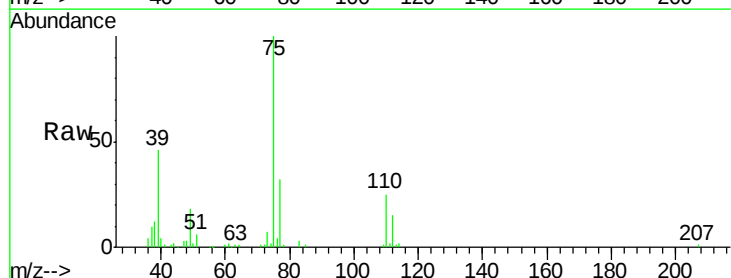
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

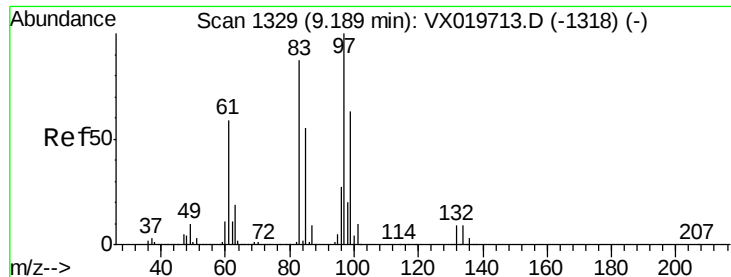
Tgt Ion: 75 Resp: 27258
Ion Ratio Lower Upper
75 100
77 30.6 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 4.649 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 75 Resp: 30117
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 46.1 35.1 52.7

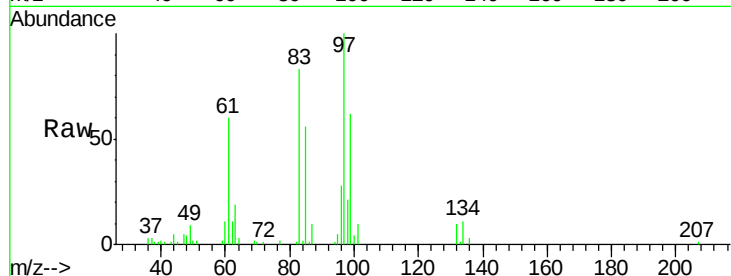




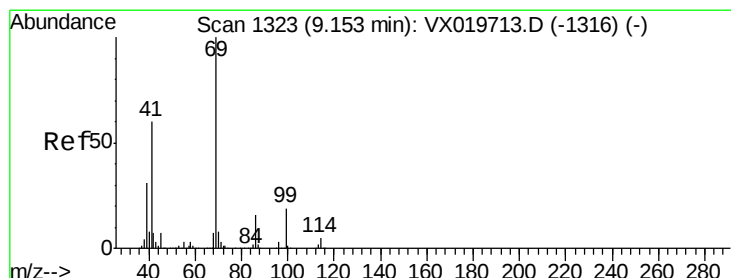
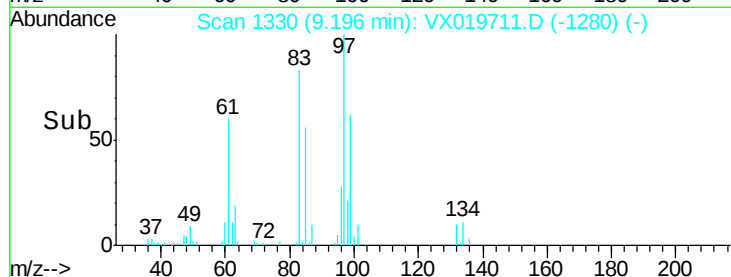
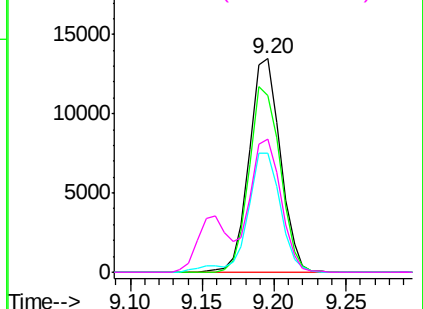
#55
 1,1,2-Trichloroethane
 Concen: 4.942 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	20114
Ion	Ratio	Lower	Upper
97	100		
83	82.9	69.3	103.9
85	55.5	44.3	66.5
99	62.3	50.3	75.5

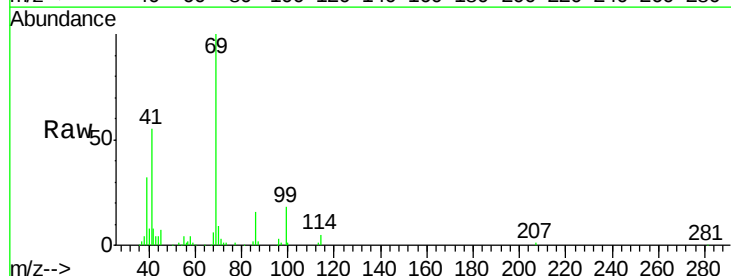


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

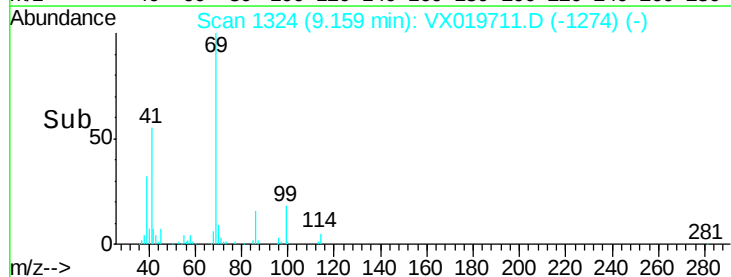
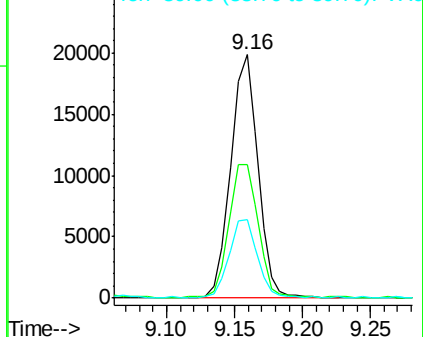


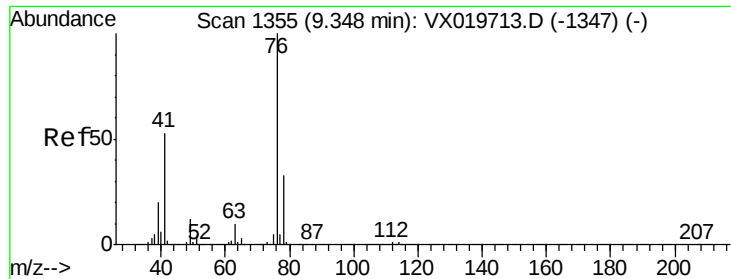
#56
 Ethyl methacrylate
 Concen: 4.548 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion:	69	Resp:	27799
Ion	Ratio	Lower	Upper
69	100		
41	59.4	46.8	70.2
39	33.0	24.7	37.1



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





#57

1,3-Dichloropropane

Concen: 5.040 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

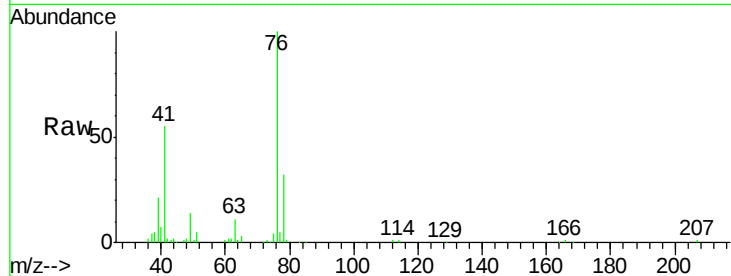
VSTDIC005

Tgt Ion: 76 Resp: 34712

Ion Ratio Lower Upper

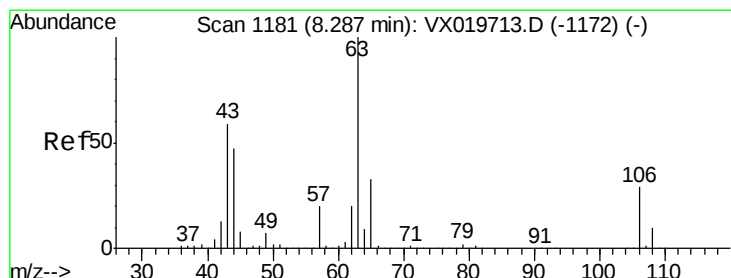
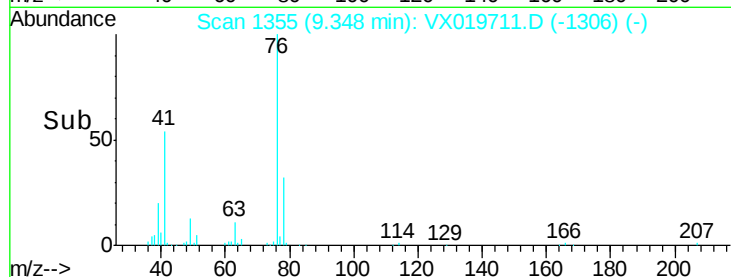
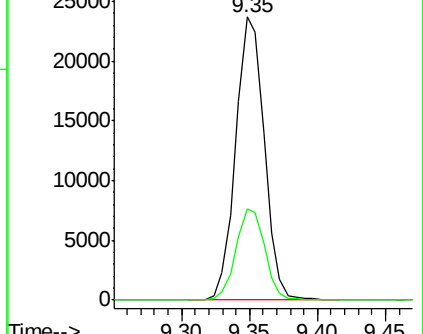
76 100

78 32.6 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 23.990 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019711.D

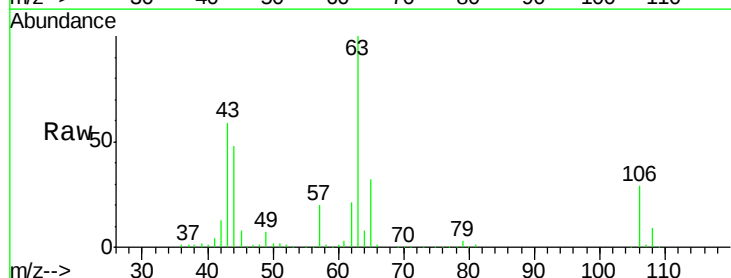
Acq: 04 Dec 2020 11:12

Tgt Ion: 63 Resp: 76829

Ion Ratio Lower Upper

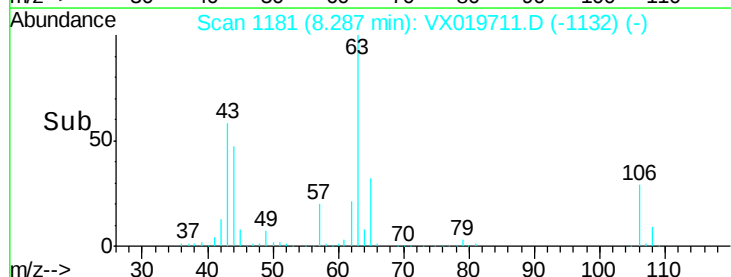
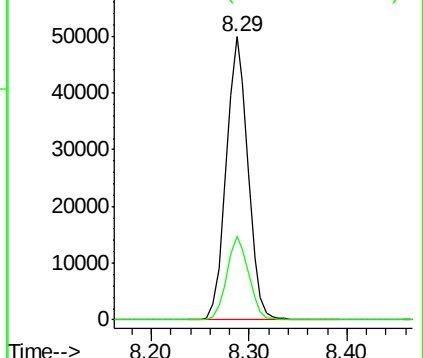
63 100

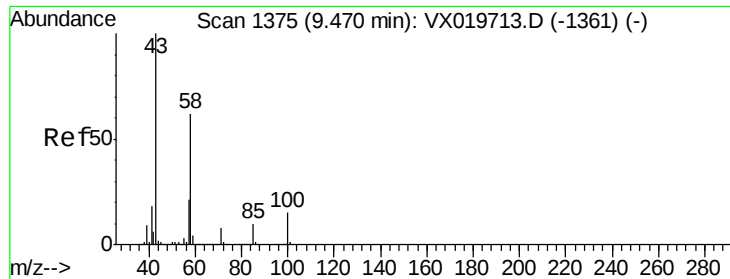
106 29.5 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

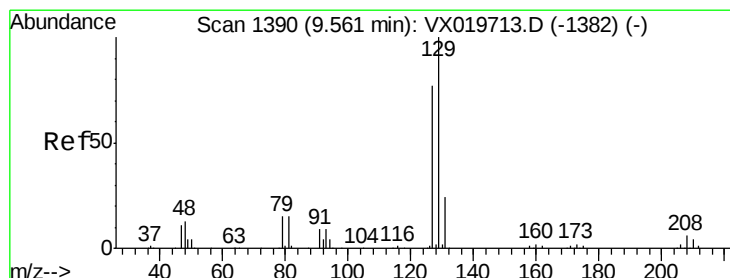
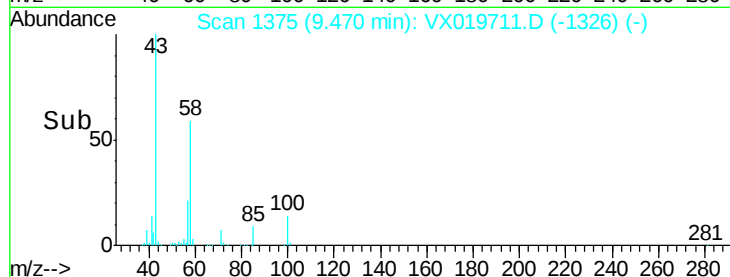
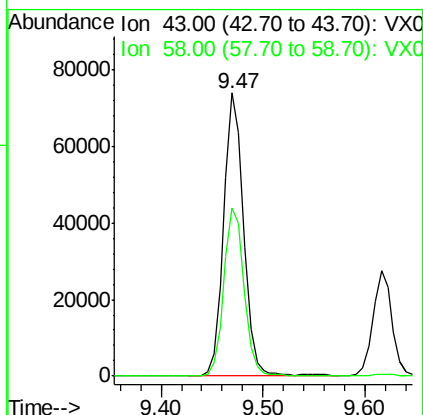
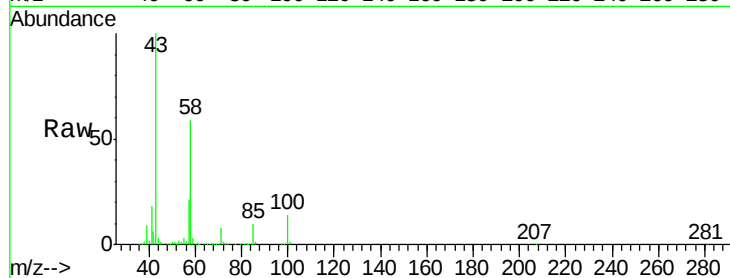




#59
2-Hexanone
Concen: 25.449 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

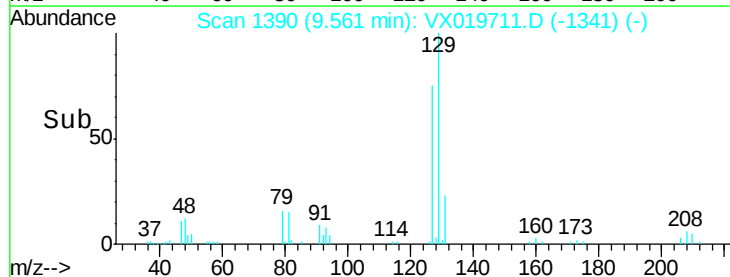
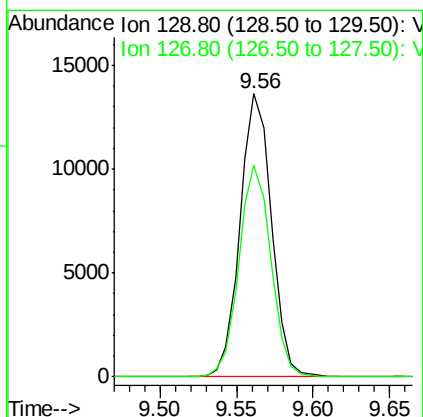
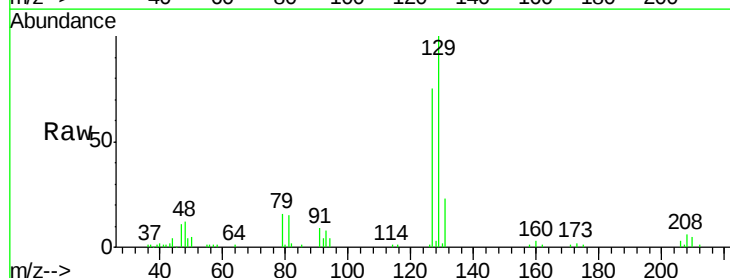
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

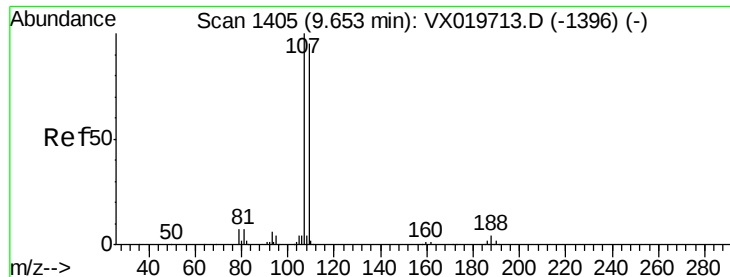
Tgt Ion: 43 Resp: 101055
Ion Ratio Lower Upper
43 100
58 60.1 30.9 92.8



#60
Dibromochloromethane
Concen: 4.635 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 129 Resp: 19376
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 4.859 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

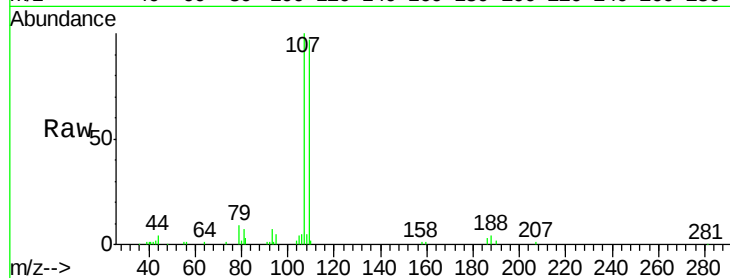
VSTDIC005

Tgt Ion: 107 Resp: 20771

Ion Ratio Lower Upper

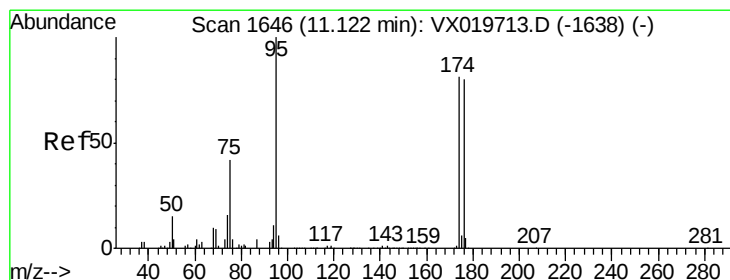
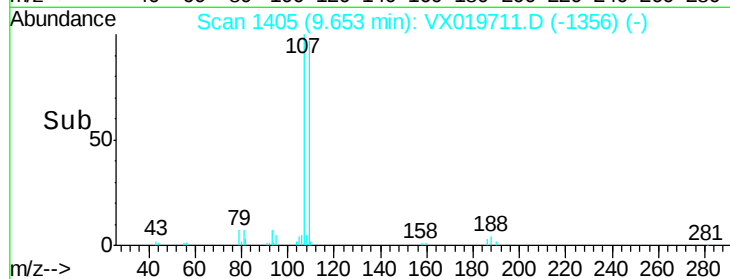
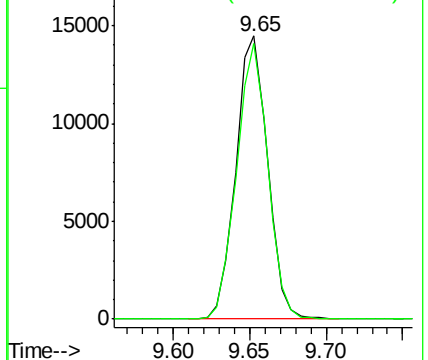
107 100

109 96.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.684 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

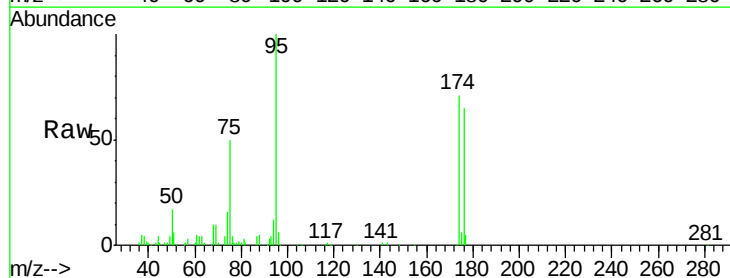
Tgt Ion: 95 Resp: 24938

Ion Ratio Lower Upper

95 100

174 78.9 0.0 154.6

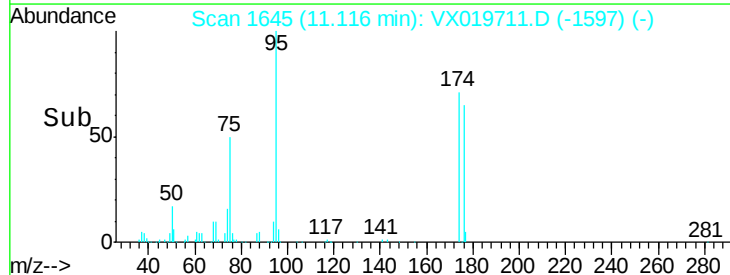
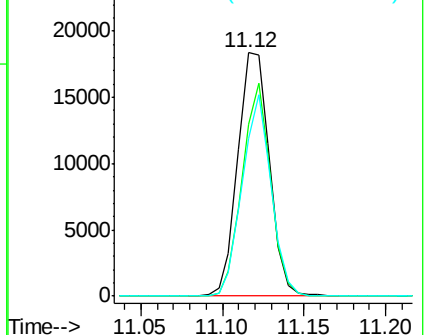
176 75.5 0.0 155.8

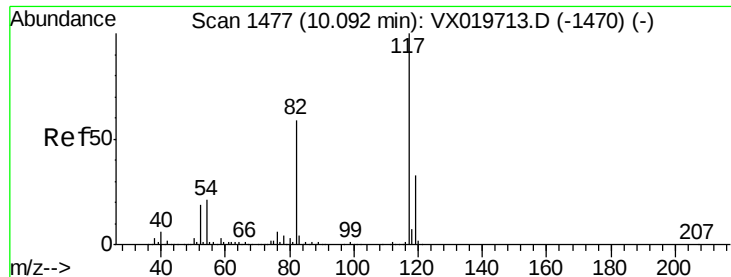


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

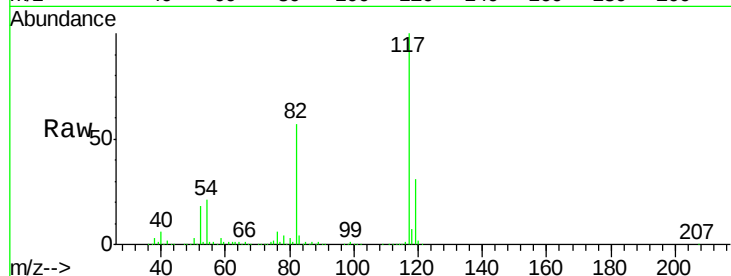
Tgt Ion:117 Resp: 511345

Ion Ratio Lower Upper

117 100

82 56.7 47.4 71.2

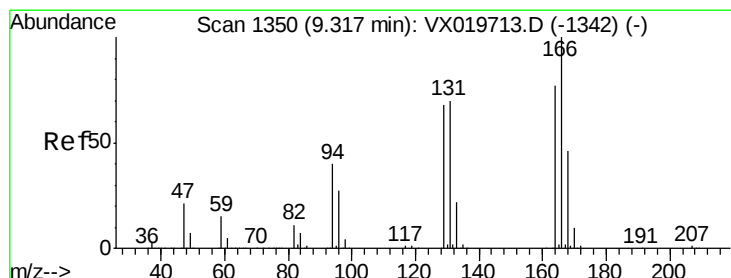
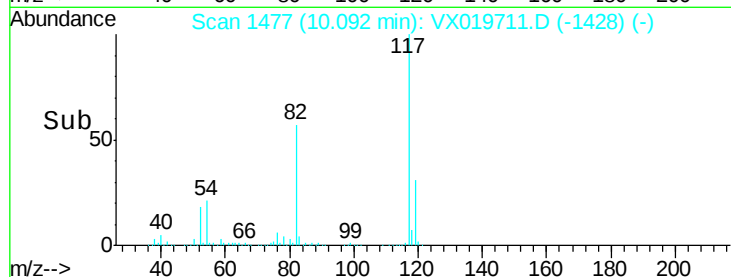
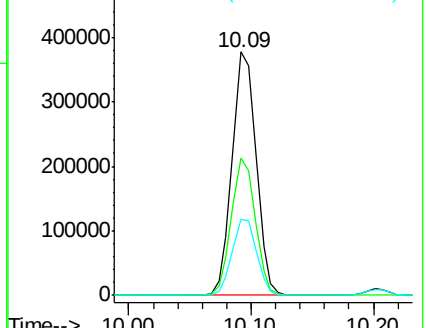
119 31.1 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 4.939 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion:164 Resp: 17440

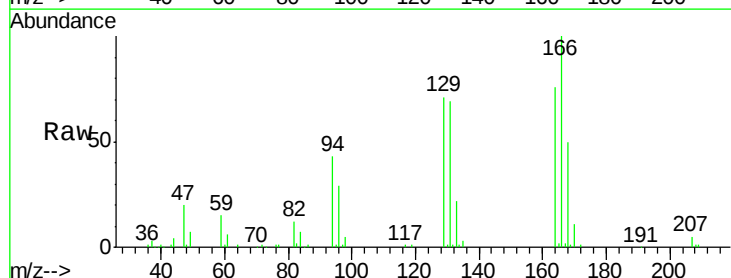
Ion Ratio Lower Upper

164 100

166 131.8 103.4 155.2

129 93.9 70.8 106.2

131 90.9 72.5 108.7

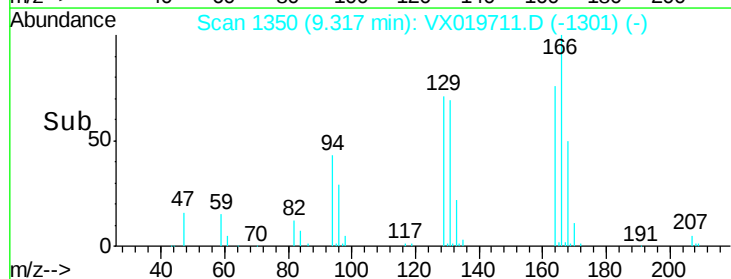
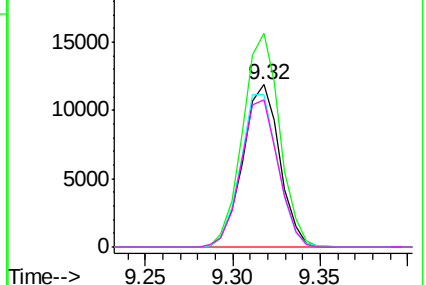


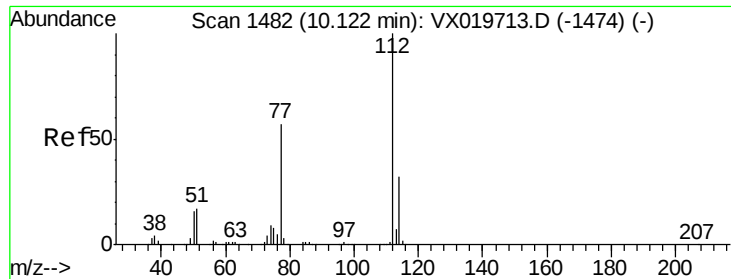
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

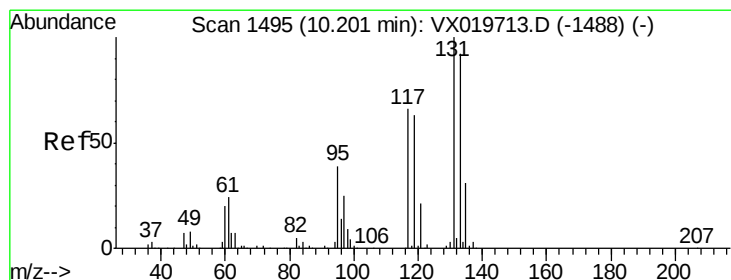
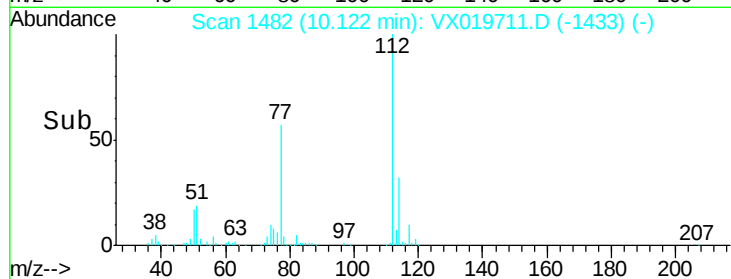
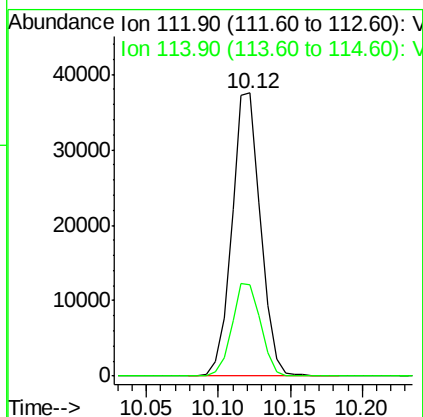
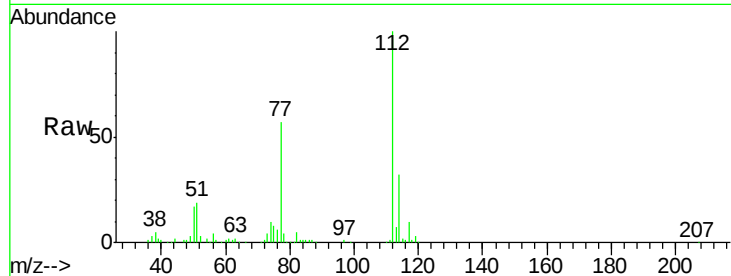




#65
Chlorobenzene
Concen: 4.908 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

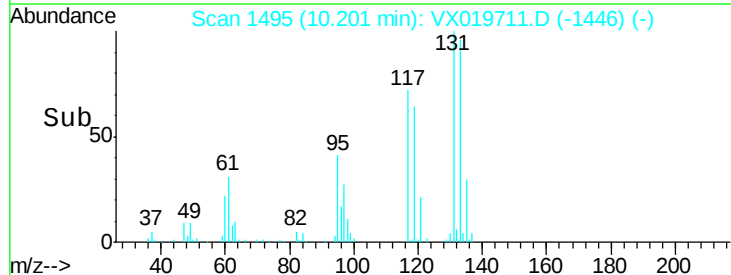
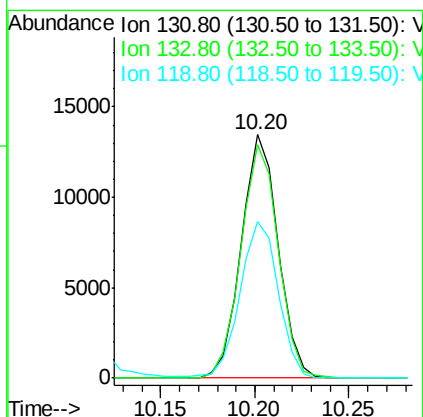
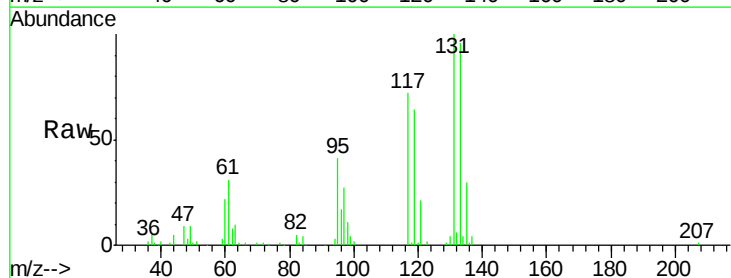
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

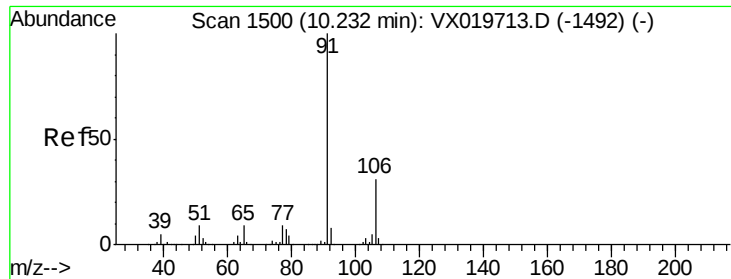
Tgt Ion:112 Resp: 52033
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.730 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion:131 Resp: 18220
Ion Ratio Lower Upper
131 100
133 97.5 47.7 143.1
119 66.9 32.1 96.5

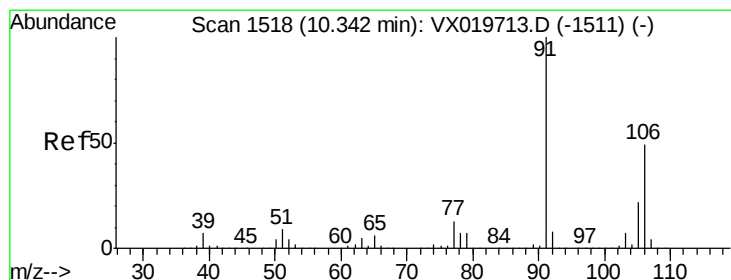
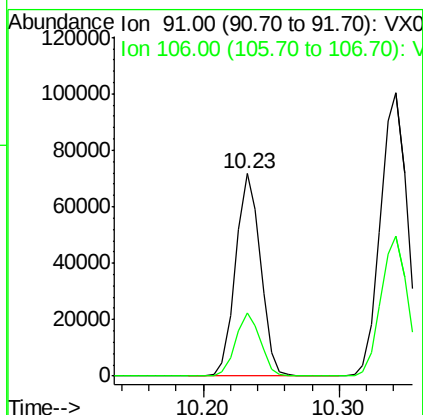
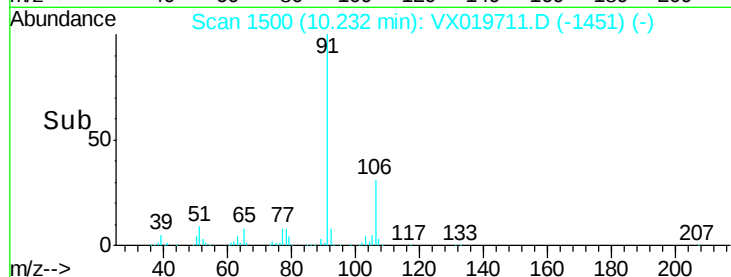
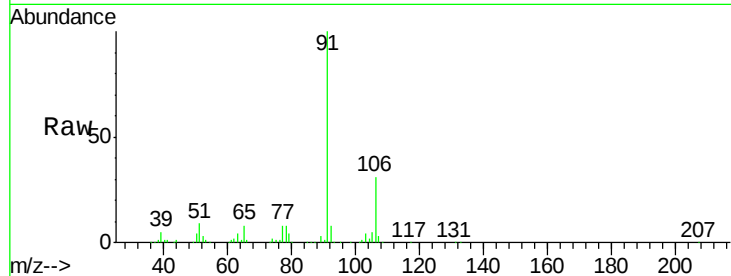




#67
Ethyl Benzene
Concen: 4.894 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

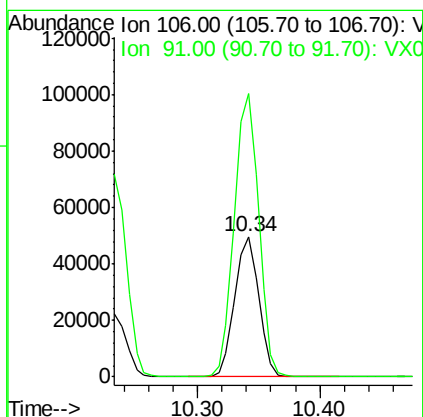
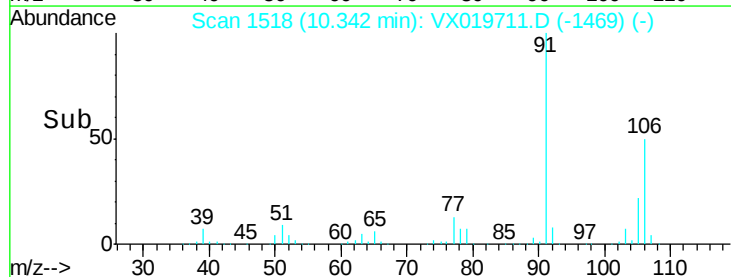
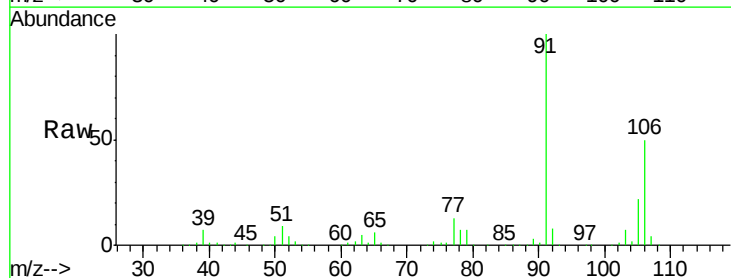
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

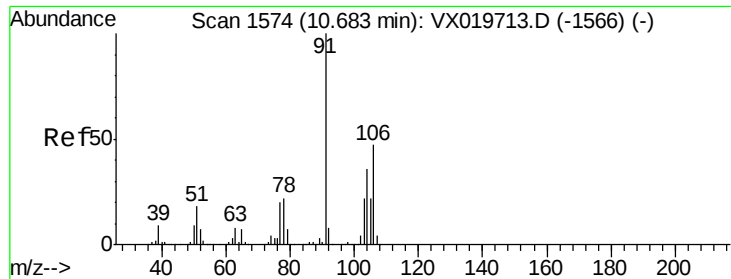
Tgt Ion: 91 Resp: 91513
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



#68
m/p-Xylenes
Concen: 9.699 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 106 Resp: 67817
Ion Ratio Lower Upper
106 100
91 203.0 162.8 244.2

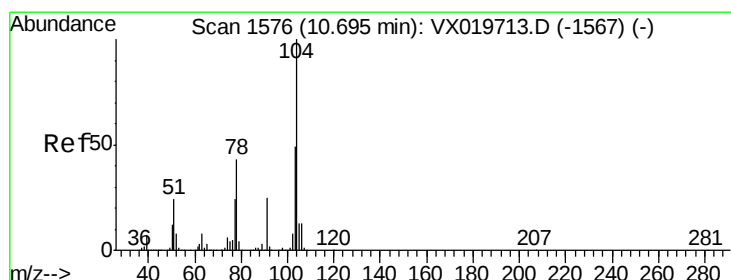
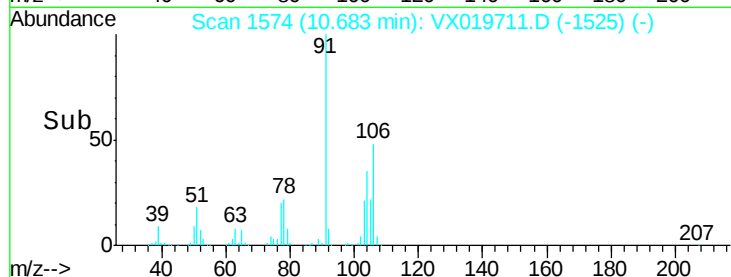
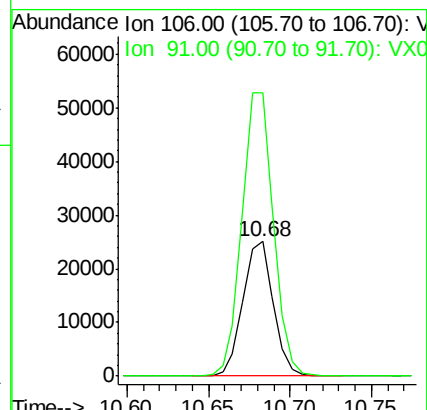
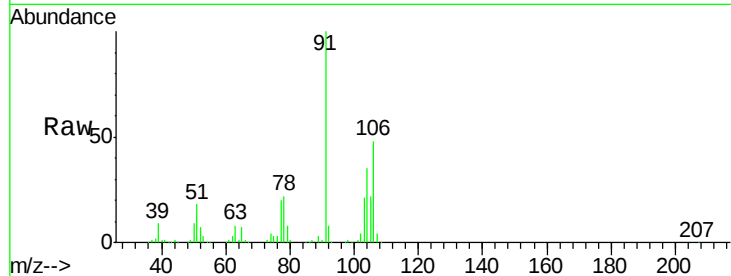




#69
o-Xylene
Concen: 4.826 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

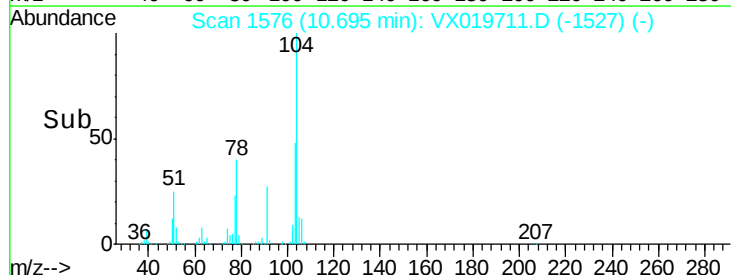
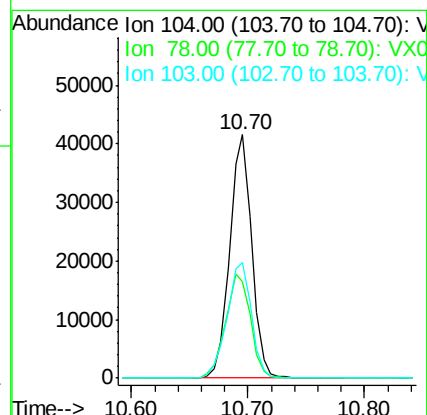
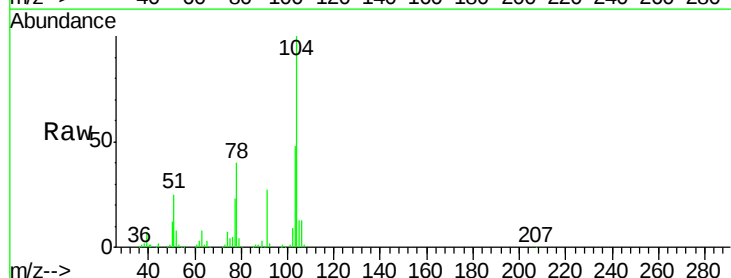
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

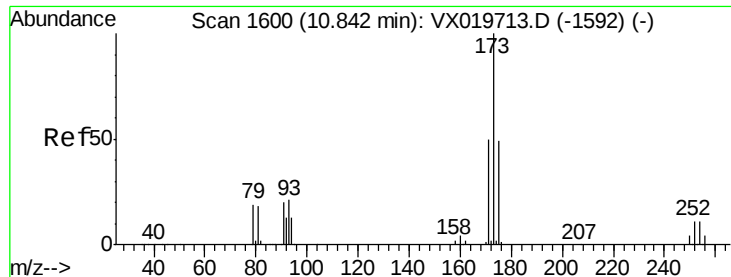
Tgt Ion:106 Resp: 32757
Ion Ratio Lower Upper
106 100
91 217.3 108.1 324.2



#70
Styrene
Concen: 4.775 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion:104 Resp: 54357
Ion Ratio Lower Upper
104 100
78 48.6 40.0 60.0
103 52.4 43.4 65.0





#71

Bromoform

Concen: 4.445 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

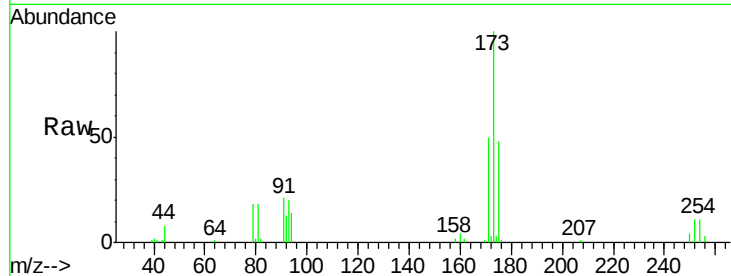
Tgt Ion:173 Resp: 13252

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.8

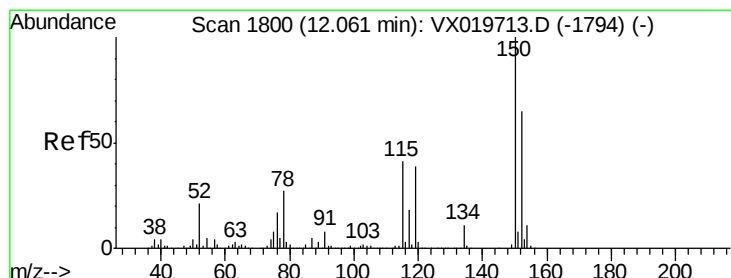
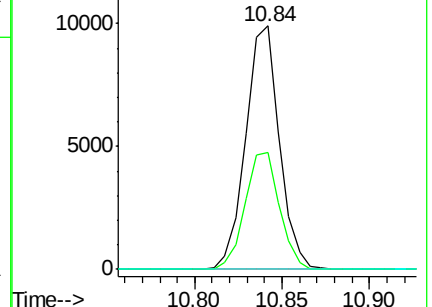
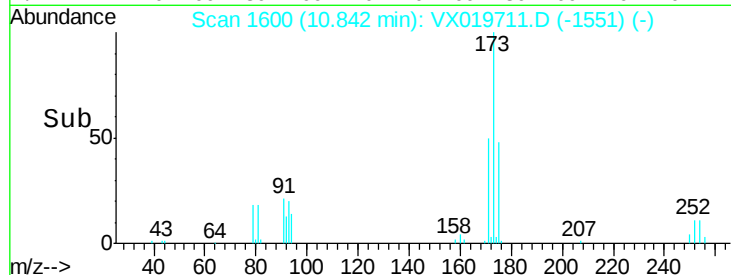
254 0.0 0.1 0.1#



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: VX019711.D

Acq: 04 Dec 2020 11:12

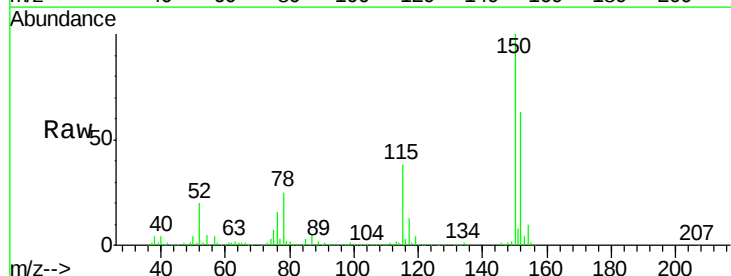
Tgt Ion:152 Resp: 246939

Ion Ratio Lower Upper

152 100

115 62.0 41.1 123.3

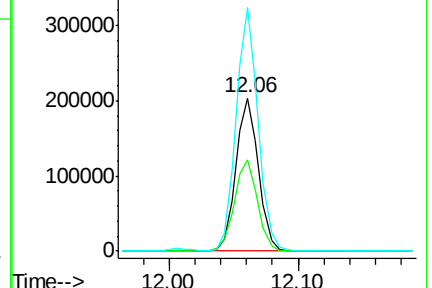
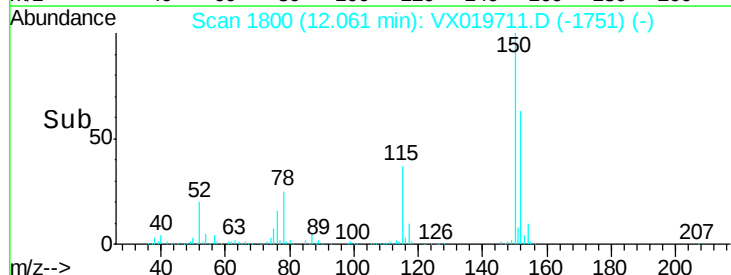
150 156.6 0.0 349.0

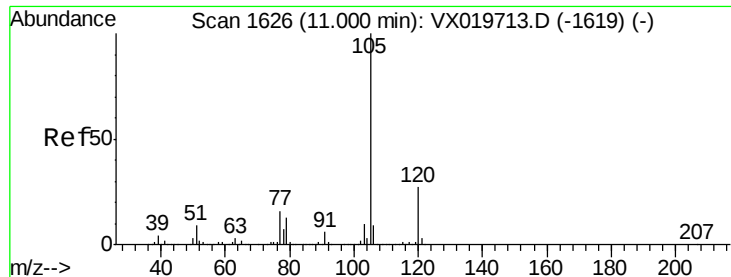


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.081 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

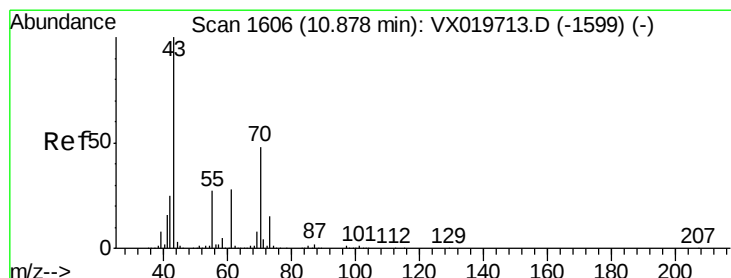
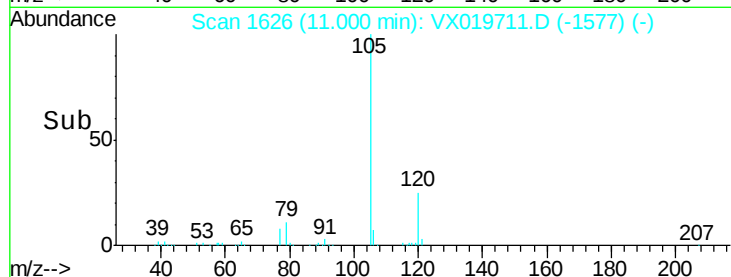
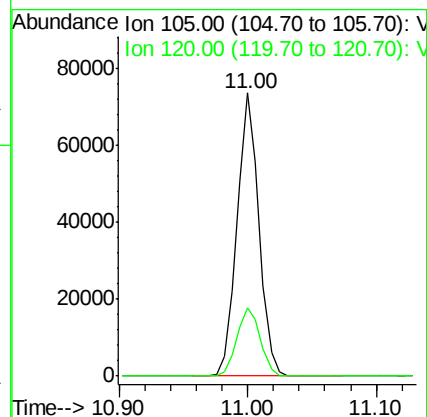
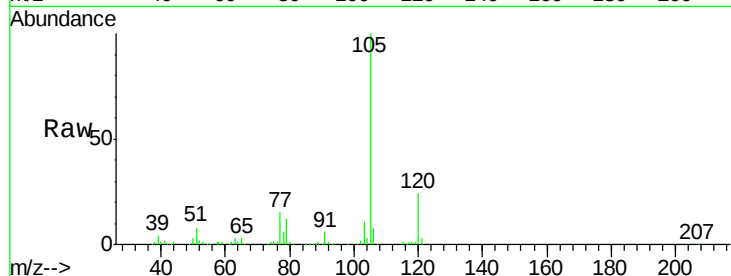
VSTDIC005

Tgt Ion: 105 Resp: 87371

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#74

N-ethyl acetate

Concen: 4.878 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion: 43 Resp: 33679

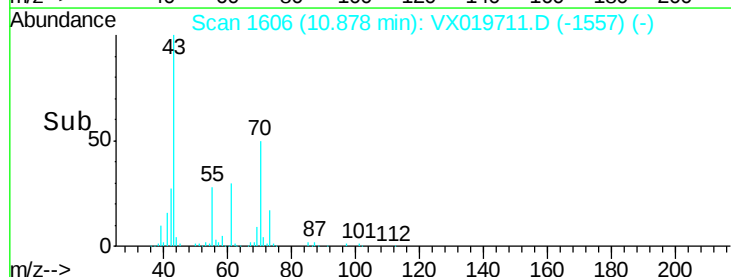
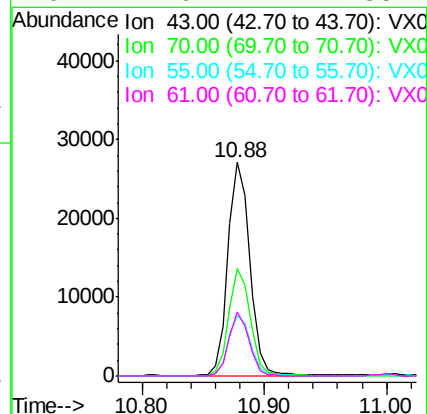
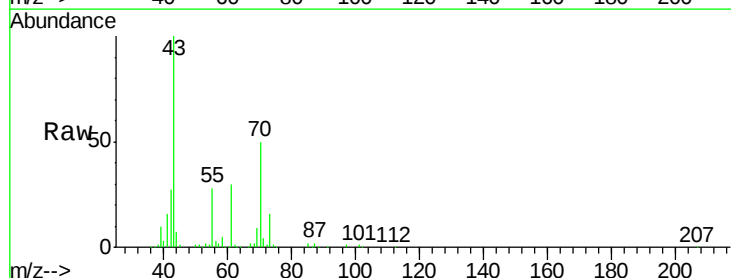
Ion Ratio Lower Upper

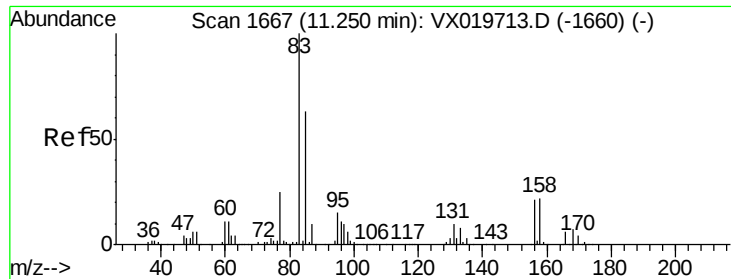
43 100

70 50.0 39.0 58.6

55 29.2 21.5 32.3

61 27.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.138 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

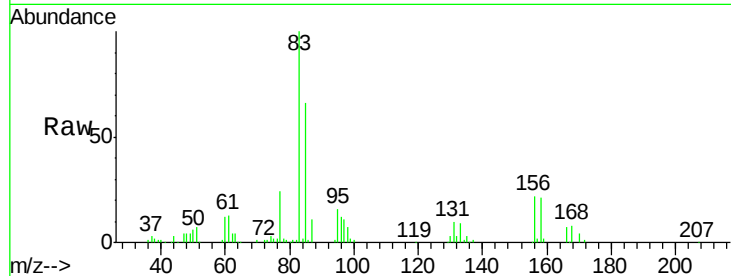
Tgt Ion: 83 Resp: 31997

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

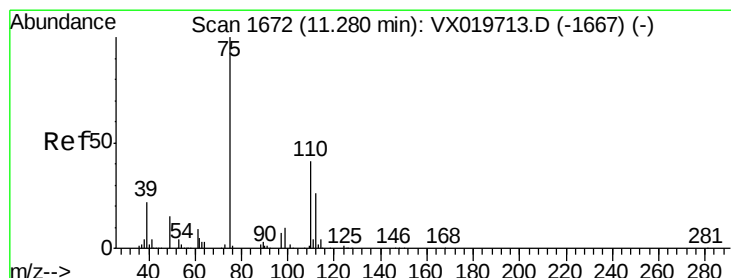
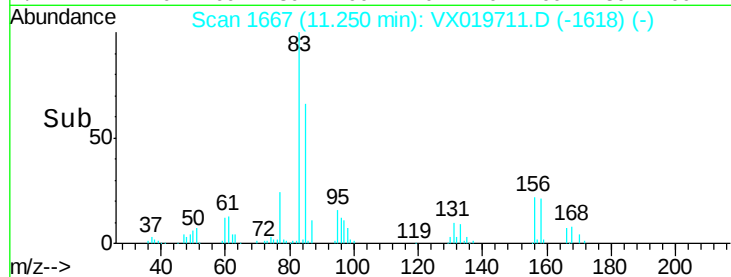
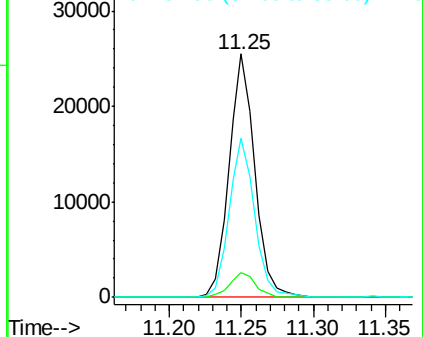
85 65.3 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.329 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019711.D

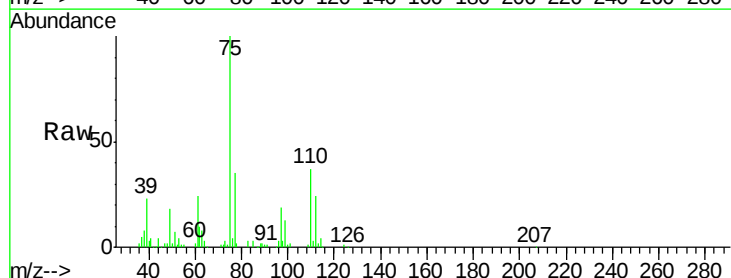
Acq: 04 Dec 2020 11:12

Tgt Ion: 75 Resp: 35821

Ion Ratio Lower Upper

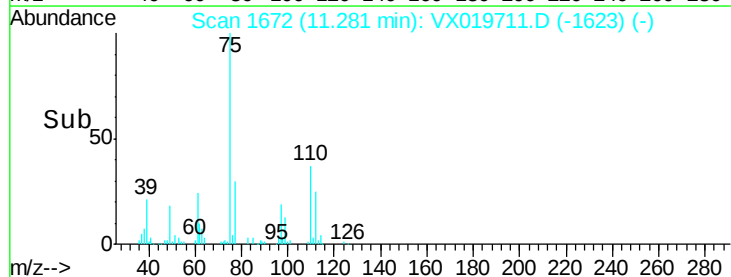
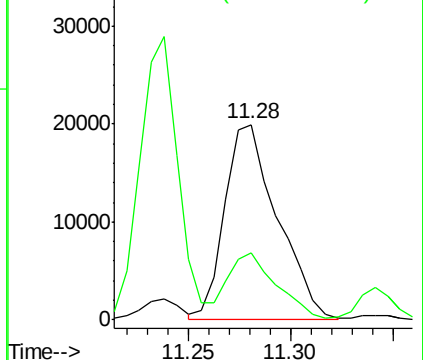
75 100

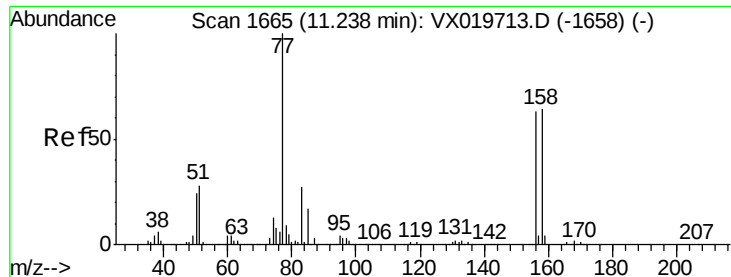
77 31.3 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.990 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

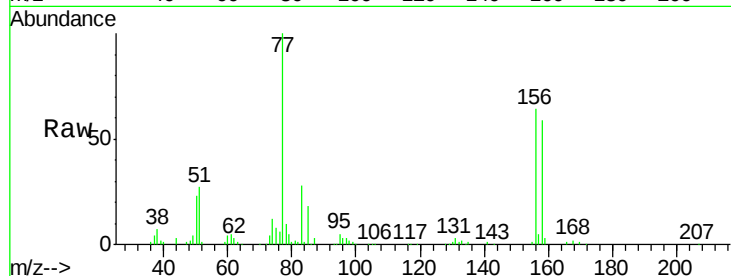
Tgt Ion:156 Resp: 22240

Ion Ratio Lower Upper

156 100

77 166.0 82.8 248.6

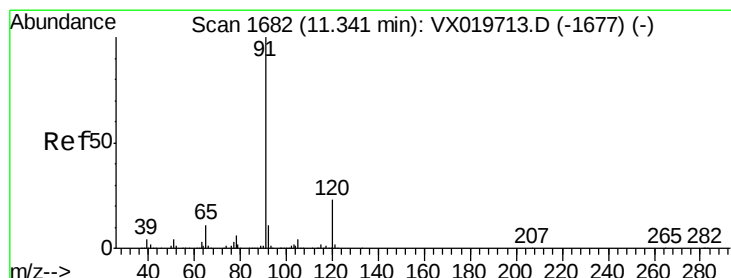
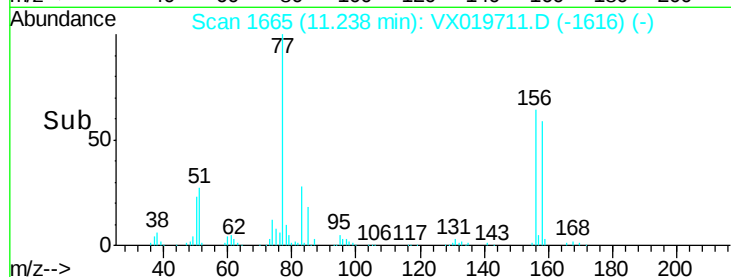
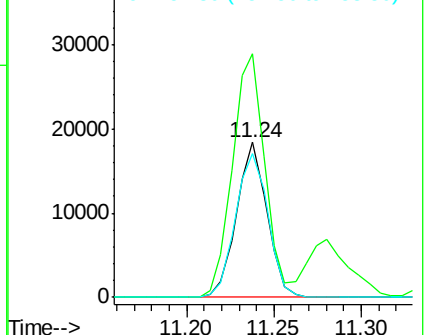
158 99.1 49.1 147.4



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: 4.887 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019711.D

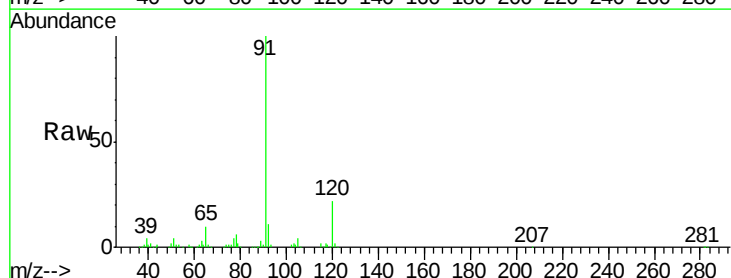
Acq: 04 Dec 2020 11:12

Tgt Ion: 91 Resp: 96887

Ion Ratio Lower Upper

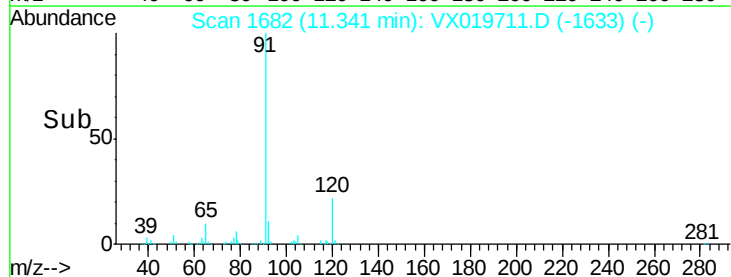
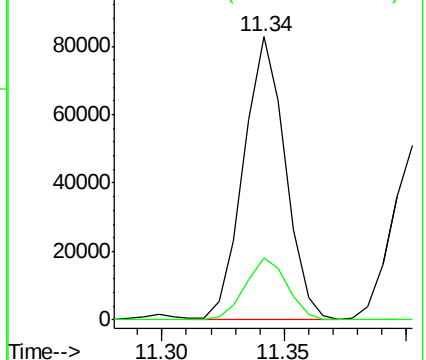
91 100

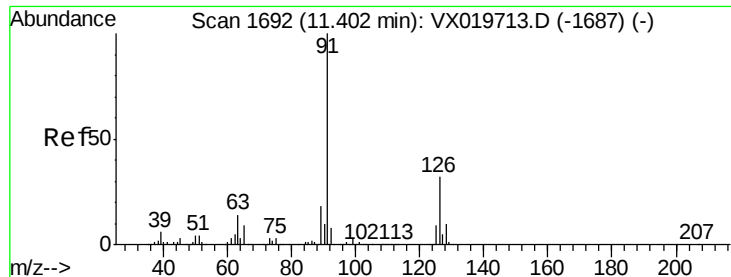
120 22.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

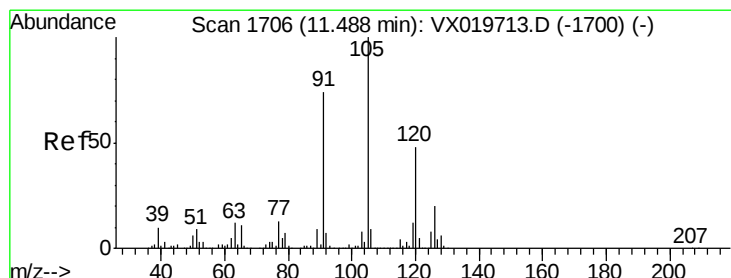
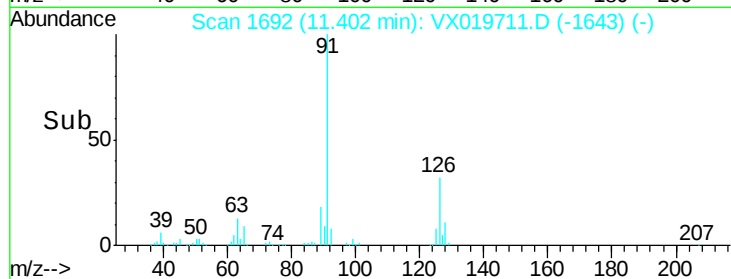
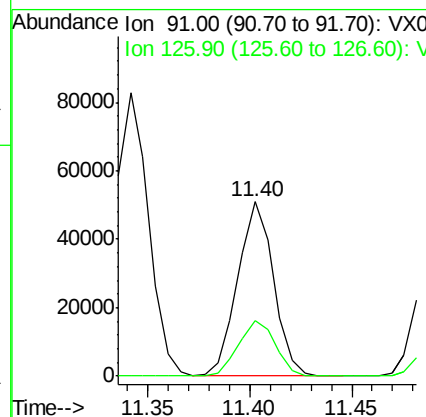
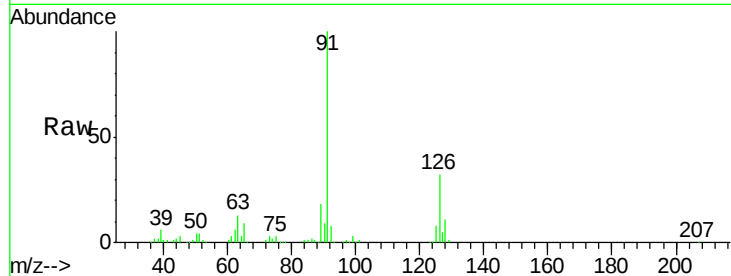




#79
2-Chlorotoluene
Concen: 5.124 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

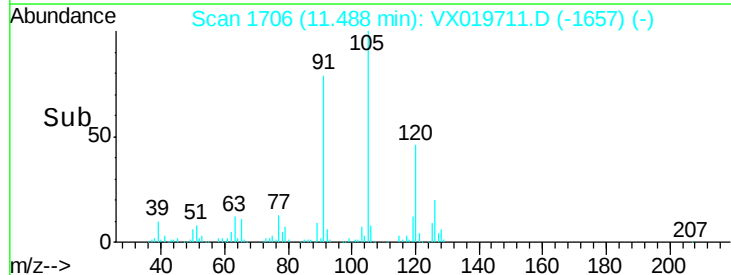
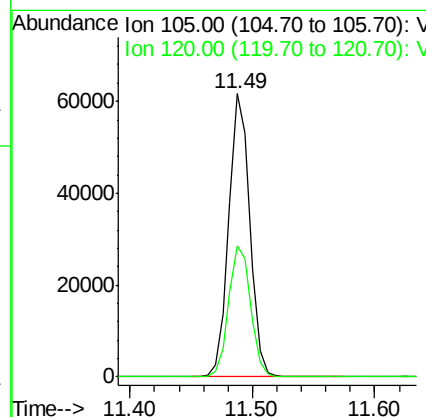
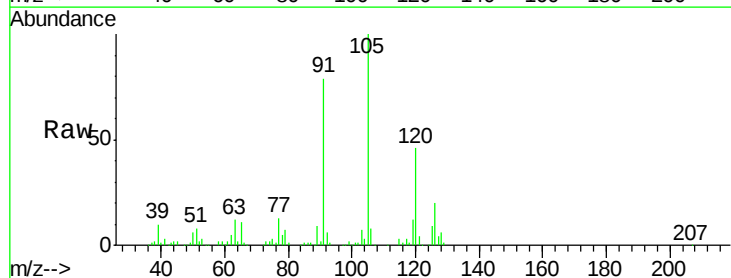
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

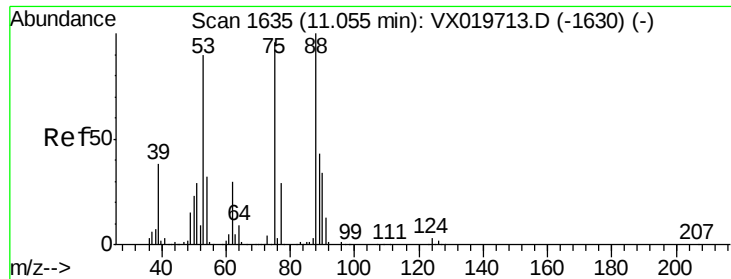
Tgt Ion: 91 Resp: 61795
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 5.039 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 105 Resp: 73287
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 4.265 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

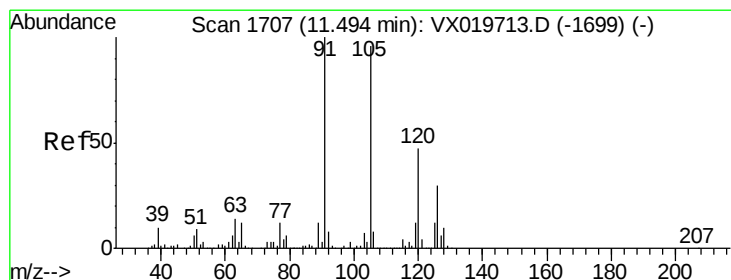
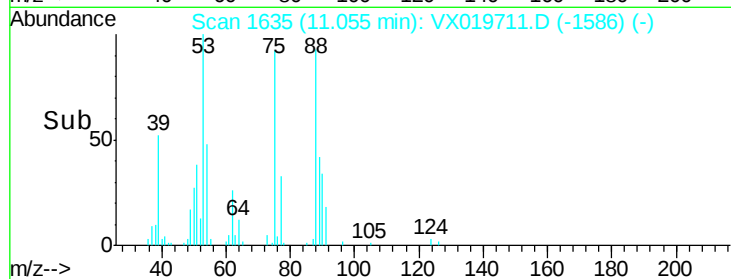
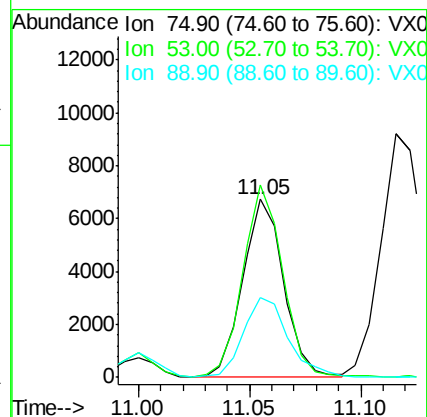
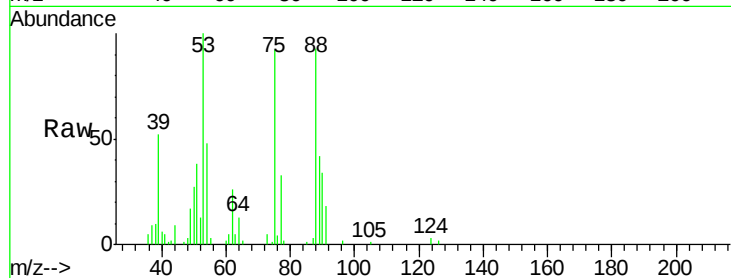
Tgt Ion: 75 Resp: 8630

Ion Ratio Lower Upper

75 100

53 105.6 74.5 111.7

89 49.4 37.9 56.9



#82

4-Chlorotoluene

Concen: 5.016 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019711.D

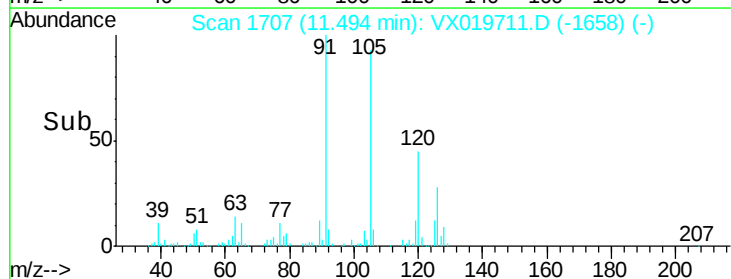
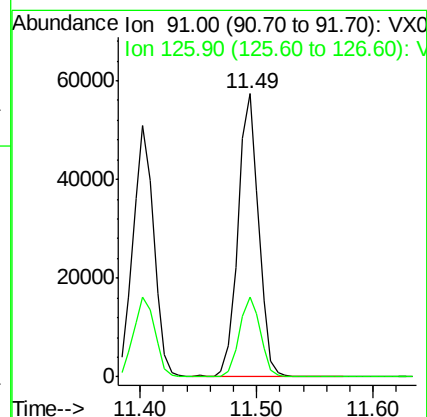
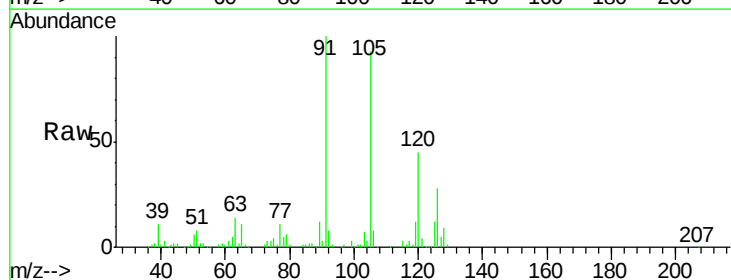
Acq: 04 Dec 2020 11:12

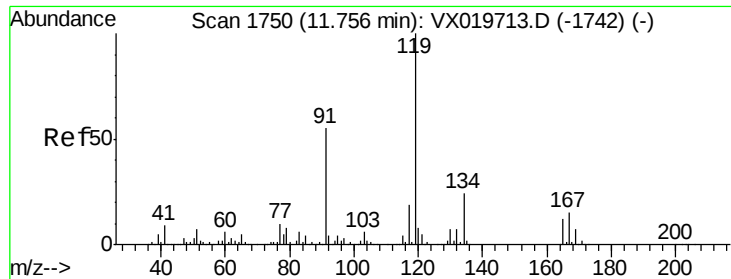
Tgt Ion: 91 Resp: 70512

Ion Ratio Lower Upper

91 100

126 28.8 14.9 44.5

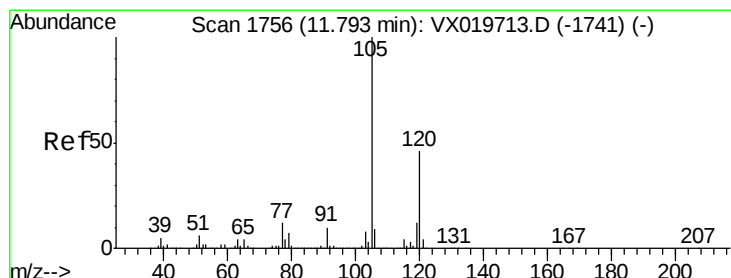
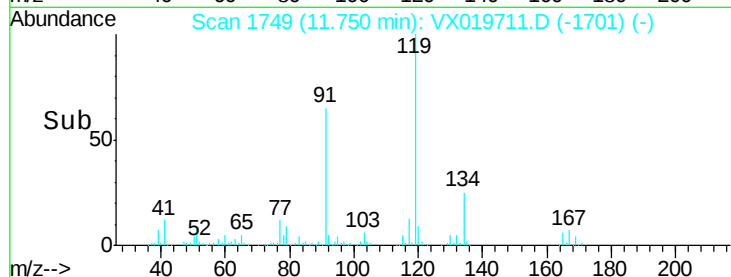
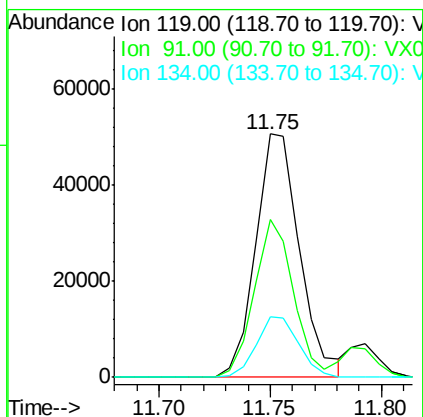
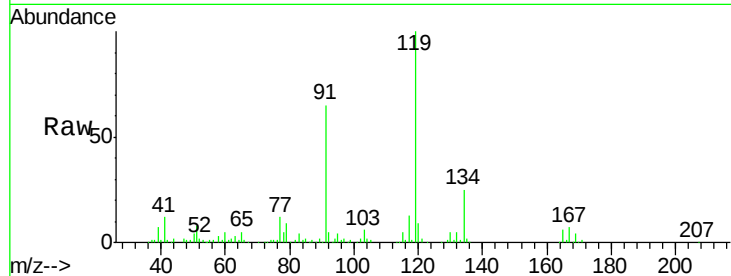




#83
 tert-Butylbenzene
 Concen: 4.840 ug/l
 RT: 11.75 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

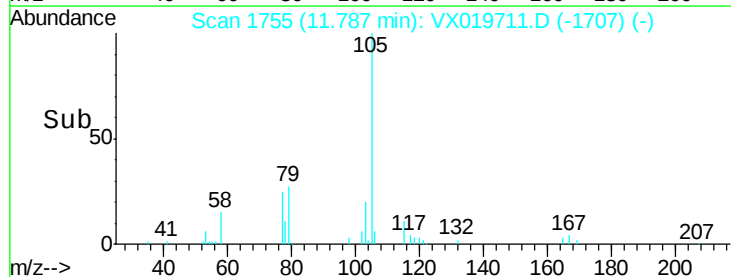
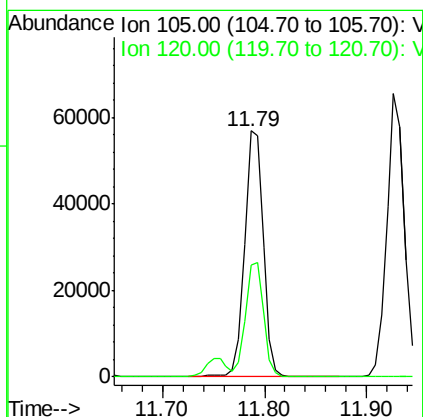
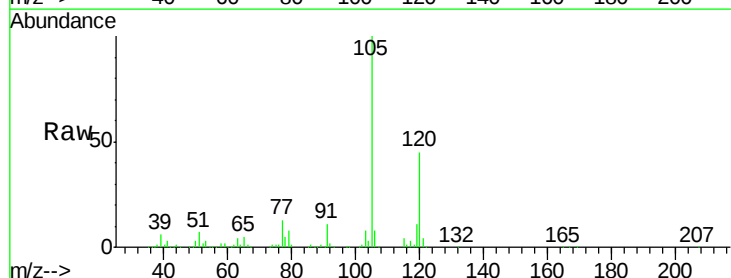
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

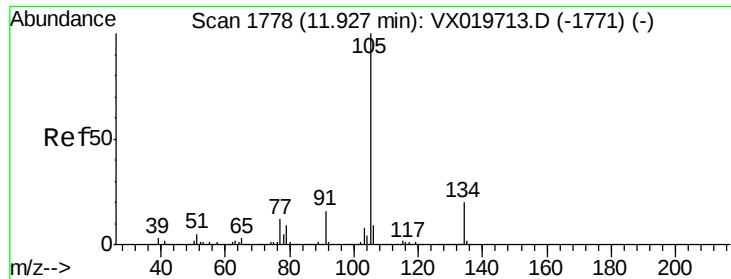
Tgt Ion:119 Resp: 69694
 Ion Ratio Lower Upper
 119 100
 91 57.8 27.9 83.7
 134 23.9 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 4.895 ug/l
 RT: 11.79 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion:105 Resp: 71942
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 4.837 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

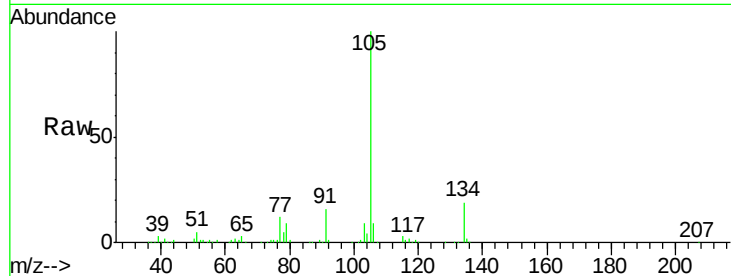
VSTDIC005

Tgt Ion:105 Resp: 79103

Ion Ratio Lower Upper

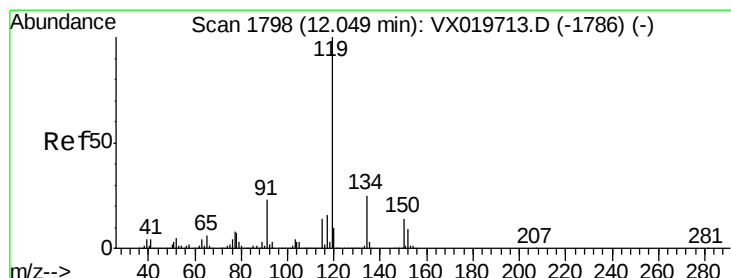
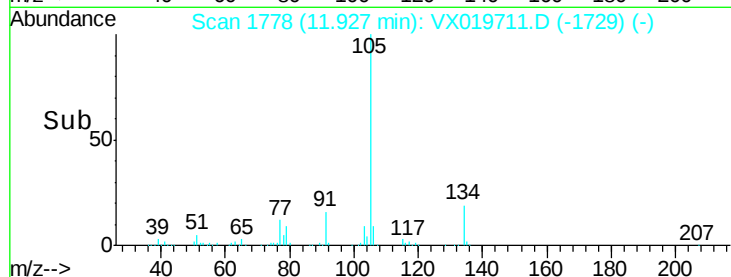
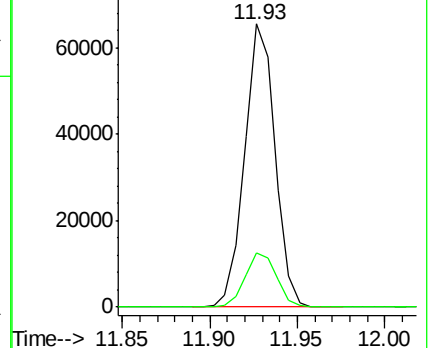
105 100

134 19.7 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.757 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

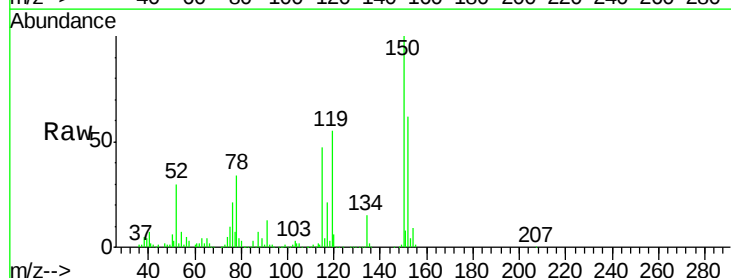
Tgt Ion:119 Resp: 71790

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.7

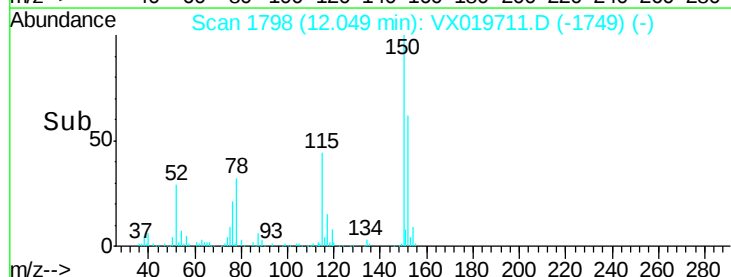
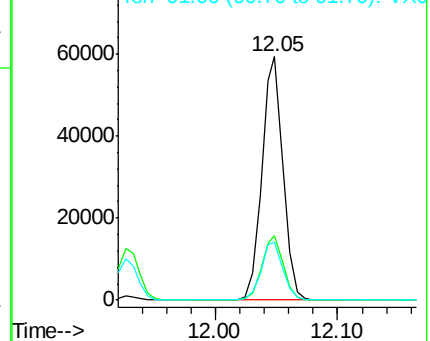
91 24.9 11.7 35.0

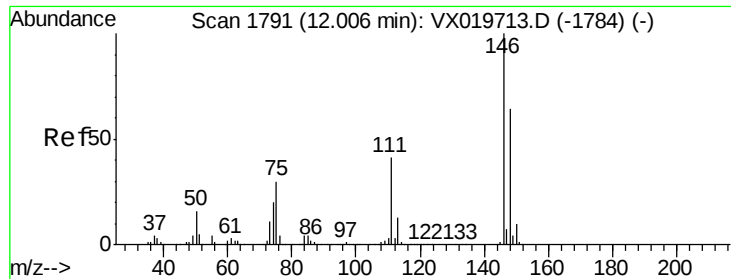


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

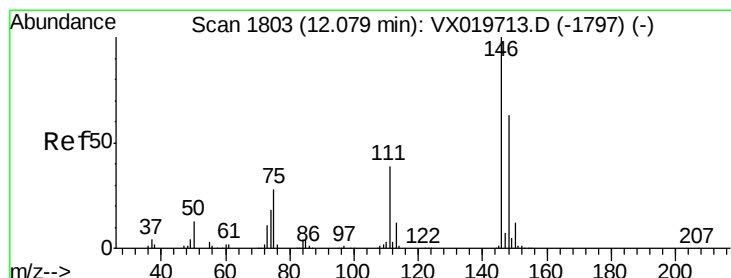
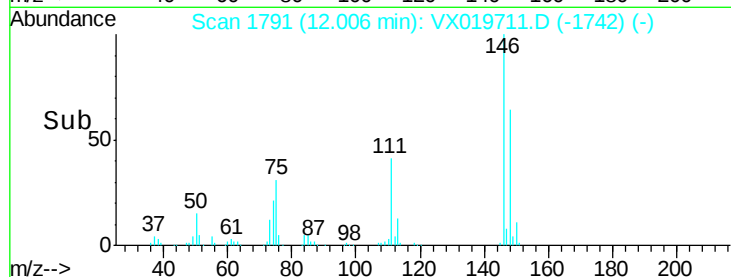
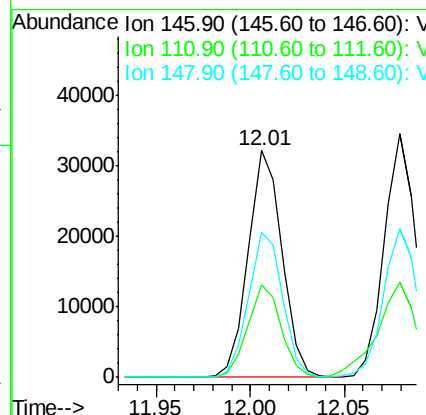
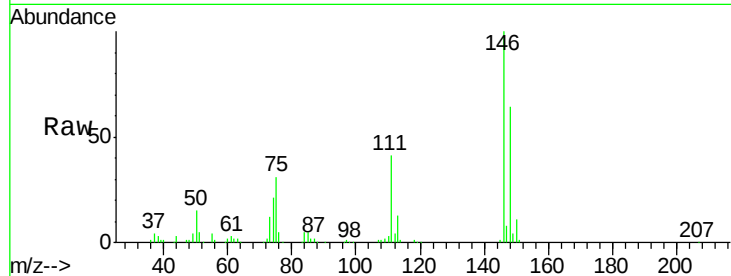




#87
 1,3-Dichlorobenzene
 Concen: 4.950 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

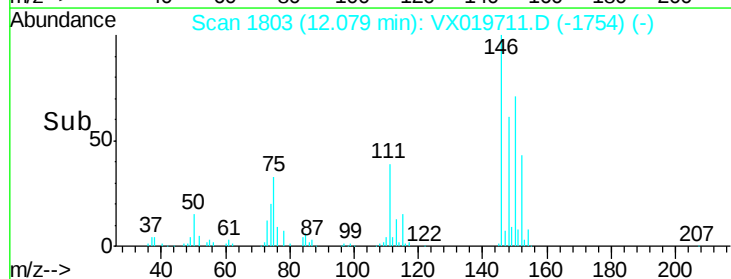
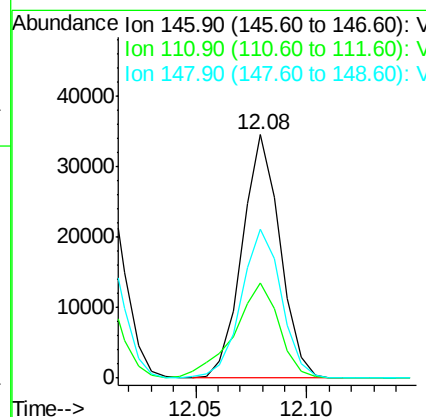
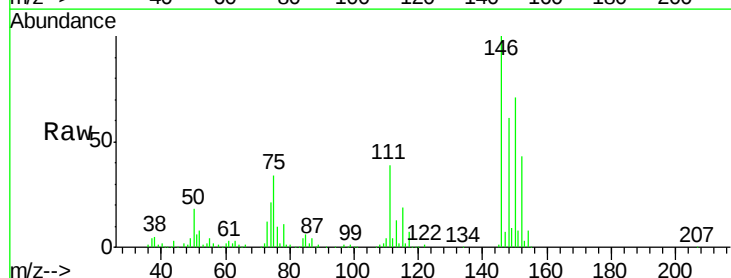
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

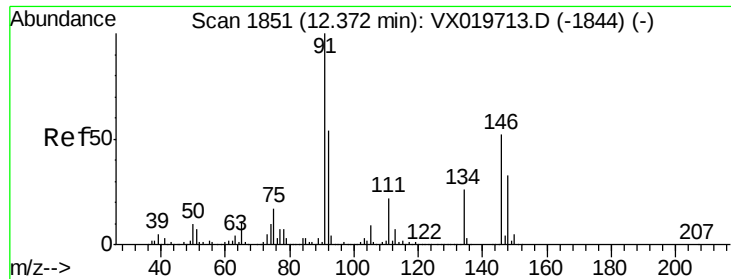
Tgt Ion:146 Resp: 40138
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.2 60.5
 148 64.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 4.948 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion:146 Resp: 40984
 Ion Ratio Lower Upper
 146 100
 111 46.6 19.6 58.8
 148 65.1 31.6 95.0

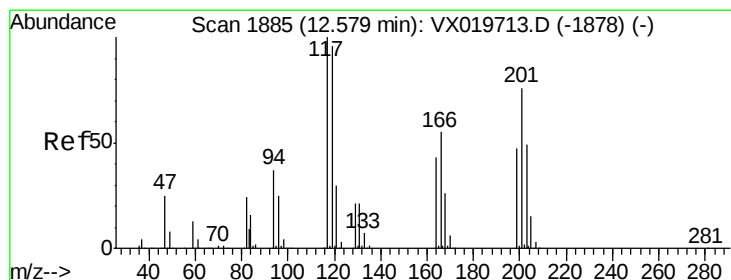
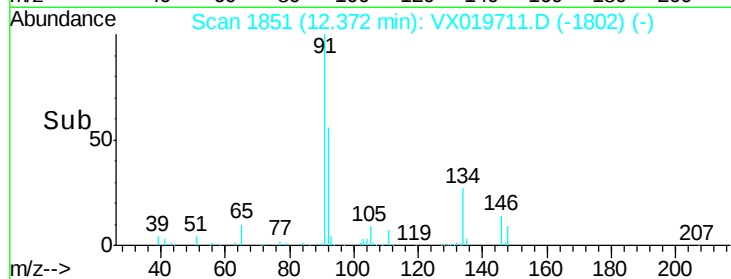
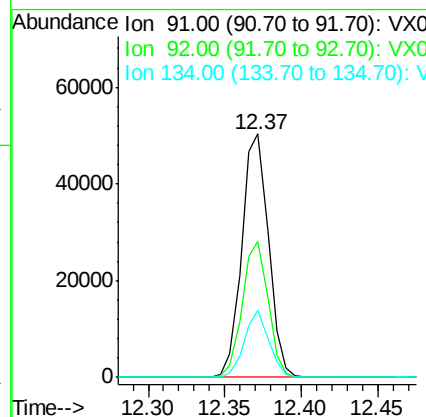
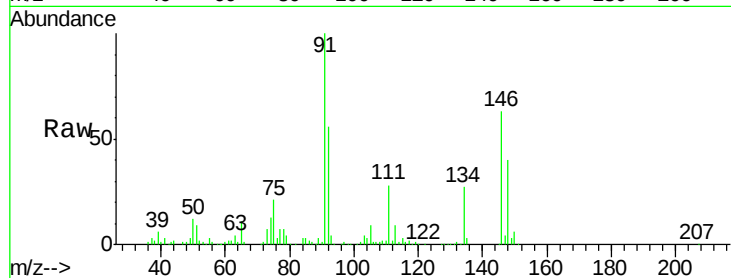




#89
n-Butylbenzene
Concen: 4.592 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

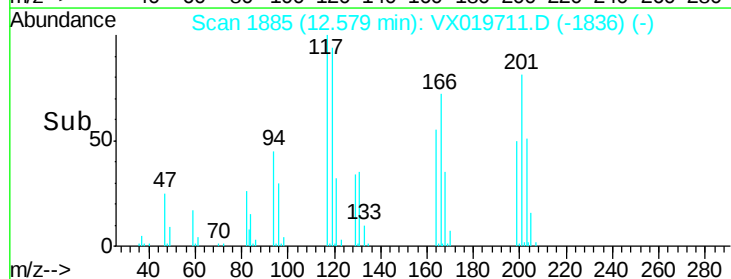
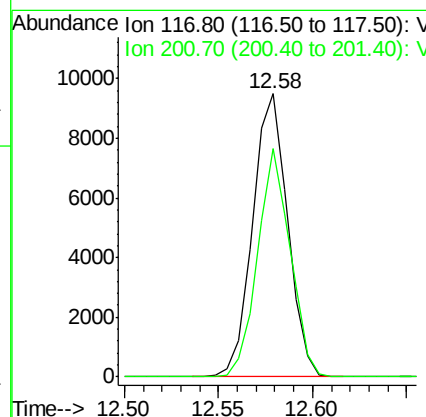
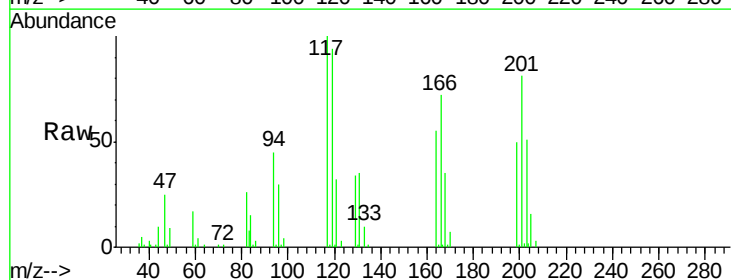
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

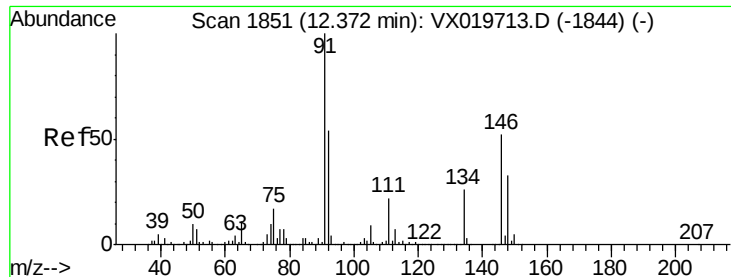
Tgt Ion: 91 Resp: 60719
Ion Ratio Lower Upper
91 100
92 54.0 27.4 82.0
134 25.1 13.2 39.5



#90
Hexachloroethane
Concen: 4.749 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 117 Resp: 12187
Ion Ratio Lower Upper
117 100
201 75.4 40.4 121.2





#91

1,2-Dichlorobenzene

Concen: 5.075 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

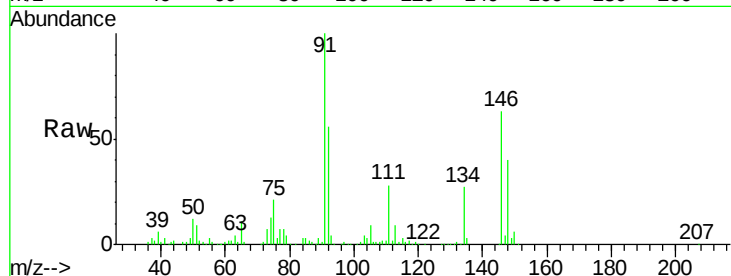
Tgt Ion:146 Resp: 40289

Ion Ratio Lower Upper

146 100

111 43.2 20.8 62.2

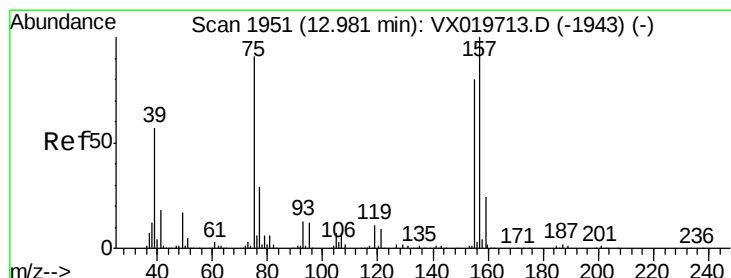
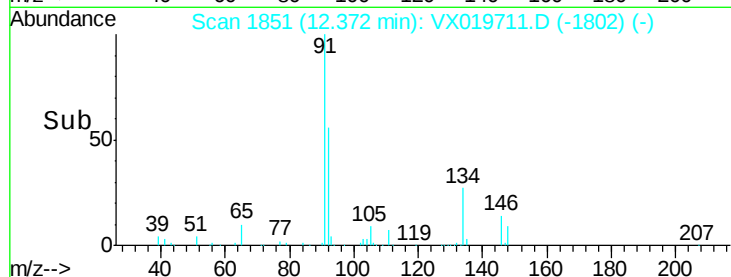
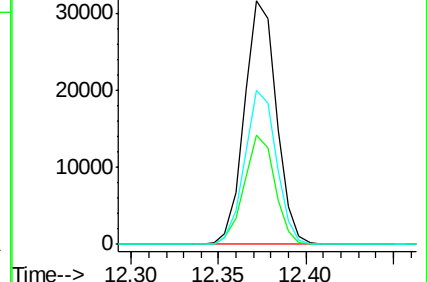
148 62.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.882 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

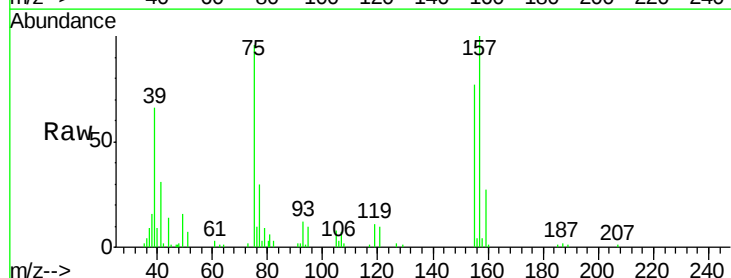
Tgt Ion: 75 Resp: 6422

Ion Ratio Lower Upper

75 100

155 82.7 45.3 135.9

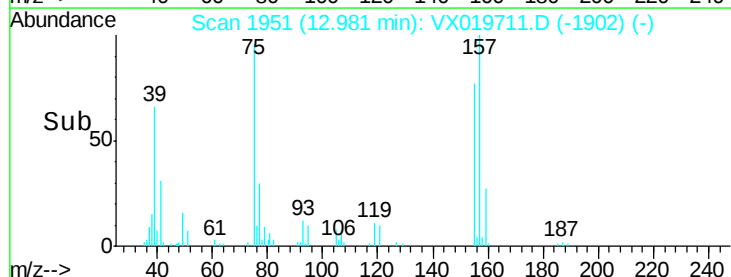
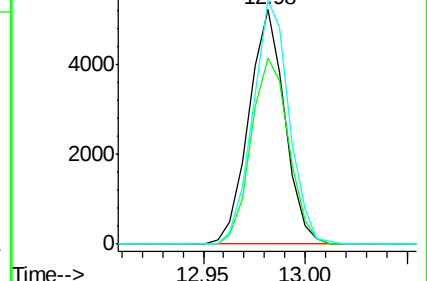
157 104.7 57.7 173.1

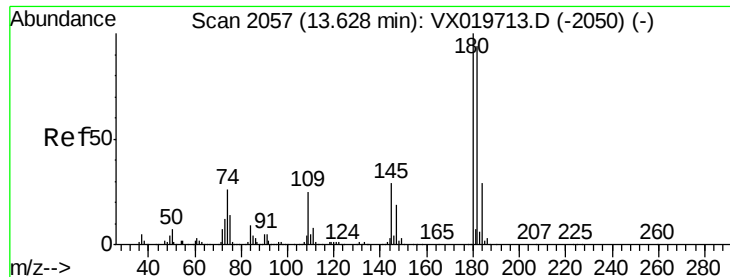


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

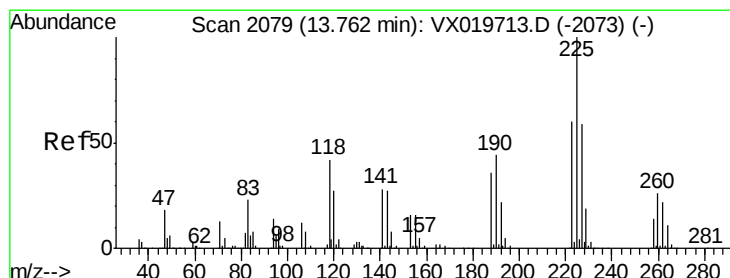
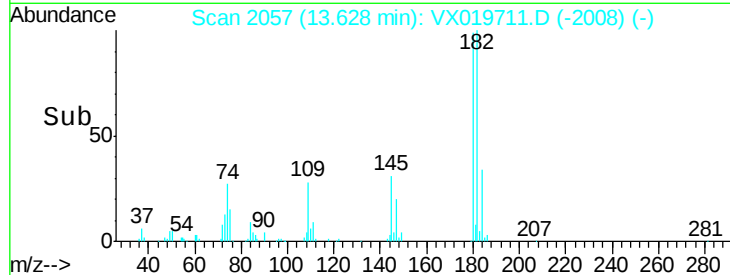
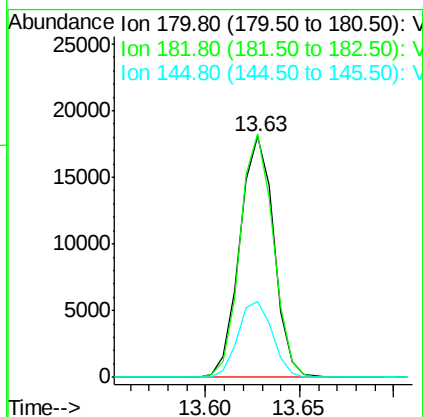
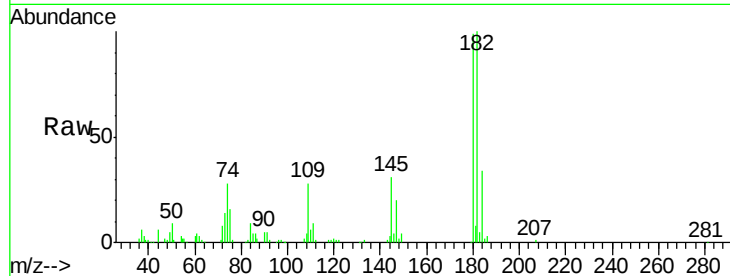




#93
 1,2,4-Trichlorobenzene
 Concen: 4.405 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

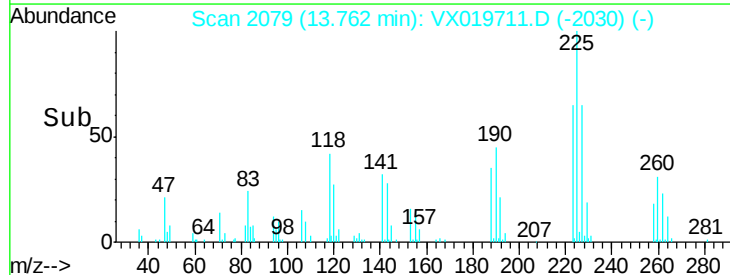
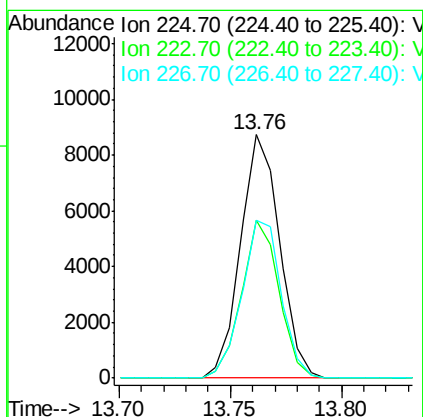
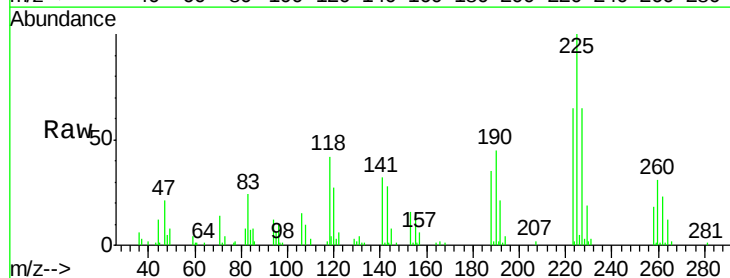
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

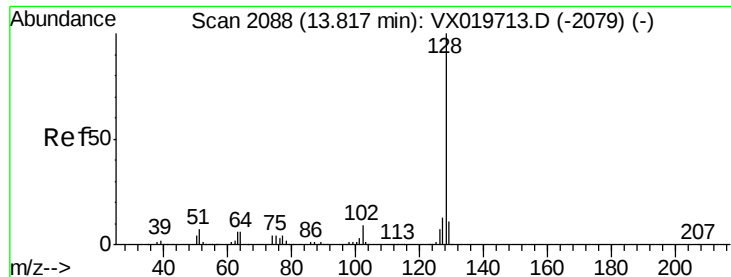
Tgt Ion:180 Resp: 22662
 Ion Ratio Lower Upper
 180 100
 182 98.7 47.7 143.1
 145 31.7 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 4.908 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion:225 Resp: 10715
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.2
 227 65.4 31.6 95.0

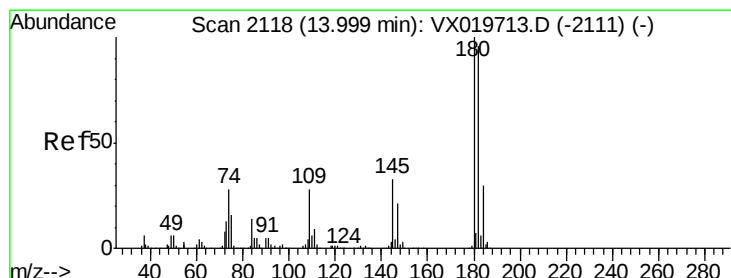
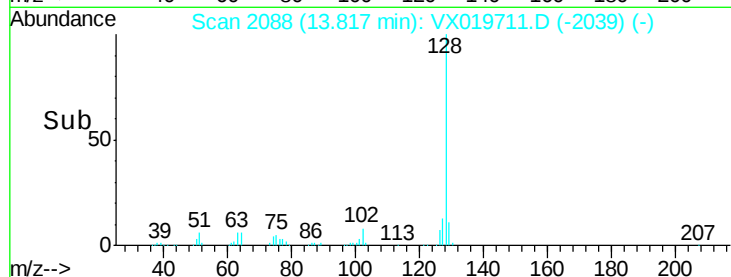
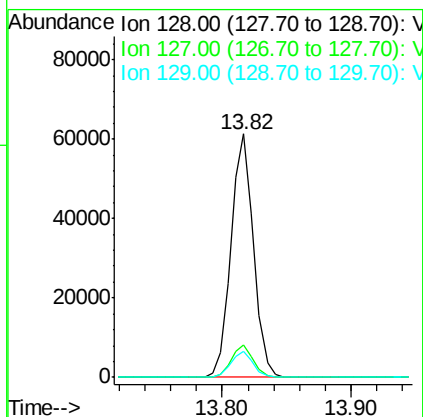
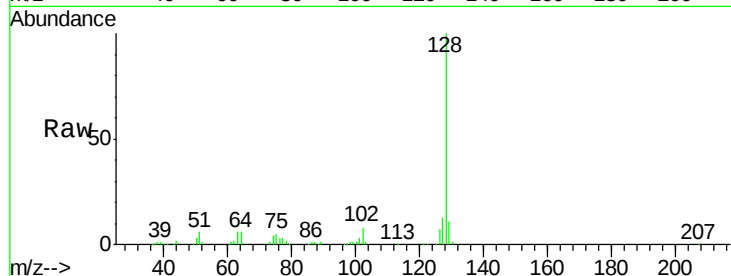




#95
Naphthalene
Concen: 4.491 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 74974
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.488 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion:180 Resp: 22905
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.9
145 32.9 16.1 48.3

