

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016932.D
 Acq On : 23 Jun 2020 15:40
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 24 00:12:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 00:11:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	177291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	274162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	254717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	120528	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	3715	1.33	ug/l	0.00
Spiked Amount			Recovery	=	2.66%	
35) Dibromofluoromethane	5.46	113	2838	1.51	ug/l	0.00
Spiked Amount			Recovery	=	3.02%	
50) Toluene-d8	8.70	98	8176	1.24	ug/l	0.00
Spiked Amount			Recovery	=	2.48%	
62) 4-Bromofluorobenzene	11.12	95	4081	1.53	ug/l	0.00
Spiked Amount			Recovery	=	3.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	1906	0.922	ug/l	95
3) Chloromethane	1.32	50	2616	1.344	ug/l	94
4) Vinyl Chloride	1.39	62	2412	1.239	ug/l #	87
5) Bromomethane	1.64	94	1528	1.460	ug/l	83
6) Chloroethane	1.71	64	1806	1.281	ug/l	93
7) Trichlorofluoromethane	1.92	101	3775	1.100	ug/l	99
8) Diethyl Ether	2.17	74	2048	1.569	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2136	1.116	ug/l #	88
10) Methyl Iodide	2.50	142	1980	0.802	ug/l #	85
11) Tert butyl alcohol	3.01	59	2936	4.987	ug/l #	78
12) 1,1-Dichloroethene	2.36	96	2381	1.321	ug/l #	78
13) Acrolein	2.27	56	1273	4.104	ug/l	89
14) Allyl chloride	2.71	41	4335	1.051	ug/l	92
15) Acrylonitrile	3.12	53	6915	5.377	ug/l	96
16) Acetone	2.42	43	6166	5.794	ug/l	97
17) Carbon Disulfide	2.55	76	8237	1.453	ug/l	99
18) Methyl Acetate	2.75	43	3453	0.980	ug/l #	75
19) Methyl tert-butyl Ether	3.17	73	7890	1.013	ug/l	98
20) Methylene Chloride	2.84	84	4018	1.514	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	2935	1.306	ug/l #	74
22) Diisopropyl ether	3.82	45	7168	0.988	ug/l	97
23) Vinyl Acetate	3.79	43	21900	3.738	ug/l #	87
24) 1,1-Dichloroethane	3.67	63	4355	1.043	ug/l #	83
25) 2-Butanone	4.64	43	7105	4.231	ug/l	99
26) 2,2-Dichloropropane	4.56	77	3902	1.063	ug/l	91
27) cis-1,2-Dichloroethene	4.57	96	2810	1.112	ug/l	98
28) Bromochloromethane	4.99	49	1518	0.700	ug/l #	77
29) Tetrahydrofuran	5.10	42	5960	5.780	ug/l #	77
30) Chloroform	5.18	83	4677	1.063	ug/l #	72
31) Cyclohexane	5.54	56	3549	1.066	ug/l	89
32) 1,1,1-Trichloroethane	5.46	97	4109	1.065	ug/l #	47
36) 1,1-Dichloropropene	5.78	75	4227	1.617	ug/l #	90
37) Ethyl Acetate	4.79	43	3148	1.096	ug/l #	71
38) Carbon Tetrachloride	5.76	117	3475	1.243	ug/l #	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	3105	1.078	ug/l	95
40) Benzene	6.11	78	8670	1.157	ug/l	98
41) Methacrylonitrile	5.01	41	1561	0.933	ug/l #	73
42) 1,2-Dichloroethane	6.16	62	3837	1.248	ug/l	90
43) Isopropyl Acetate	6.40	43	5929	1.185	ug/l #	87
44) Trichloroethene	7.19	130	2465	1.176	ug/l	98
45) 1,2-Dichloropropane	7.49	63	2293	1.105	ug/l #	69
46) Dibromomethane	7.63	93	1672	1.166	ug/l	92
47) Bromodichloromethane	7.87	83	3496	1.162	ug/l #	94
48) Methyl methacrylate	7.75	41	2348	1.009	ug/l	89
49) 1,4-Dioxane	7.73	88	1338	26.731	ug/l #	77
51) 4-Methyl-2-Pentanone	8.62	43	12634	4.333	ug/l	98
52) Toluene	8.76	92	5315	1.155	ug/l	92
53) t-1,3-Dichloropropene	9.02	75	3539	1.022	ug/l	93
54) cis-1,3-Dichloropropene	8.41	75	3666	1.097	ug/l #	92
55) 1,1,2-Trichloroethane	9.19	97	2099	1.007	ug/l #	77
56) Ethyl methacrylate	9.16	69	3089	0.957	ug/l	98
57) 1,3-Dichloropropane	9.35	76	3821	1.094	ug/l	89
58) 2-Chloroethyl Vinyl ether	8.29	63	7243	5.478	ug/l	94
59) 2-Hexanone	9.47	43	9344	4.185	ug/l	100
60) Dibromochloromethane	9.57	129	1979	0.868	ug/l	93
61) 1,2-Dibromoethane	9.65	107	2388	1.113	ug/l	100
64) Tetrachloroethene	9.32	164	2075	1.200	ug/l	95
65) Chlorobenzene	10.12	112	5982	1.150	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.20	131	2104	1.044	ug/l #	65
67) Ethyl Benzene	10.23	91	9329	1.003	ug/l	100
68) m/p-Xylenes	10.34	106	7093	2.076	ug/l	91
69) o-Xylene	10.68	106	3164	0.969	ug/l	97
70) Styrene	10.70	104	5136	0.925	ug/l	91
71) Bromoform	10.84	173	1458	0.973	ug/l #	91
73) Isopropylbenzene	11.00	105	8993	1.006	ug/l	99
74) N-amyl acetate	10.88	43	3816	0.853	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.25	83	2970	0.992	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	3436	0.996	ug/l	91
77) Bromobenzene	11.24	156	2539	1.156	ug/l	86
78) n-propylbenzene	11.35	91	10392	1.019	ug/l	99
79) 2-Chlorotoluene	11.41	91	6444	0.998	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	6768	0.899	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	1345	1.160	ug/l #	90
82) 4-Chlorotoluene	11.49	91	7552	0.977	ug/l	97
83) tert-Butylbenzene	11.75	119	6715	0.911	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	7265	0.971	ug/l	99
85) sec-Butylbenzene	11.93	105	8361	1.005	ug/l	98
86) p-Isopropyltoluene	12.05	119	8087	1.050	ug/l	92
87) 1,3-Dichlorobenzene	12.01	146	4414	1.118	ug/l #	72
88) 1,4-Dichlorobenzene	12.08	146	4967	1.254	ug/l #	63
89) n-Butylbenzene	12.37	91	7510	1.030	ug/l	96
90) Hexachloroethane	12.58	117	1273	0.842	ug/l	83
91) 1,2-Dichlorobenzene	12.38	146	4031	1.059	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	952	1.239	ug/l	80

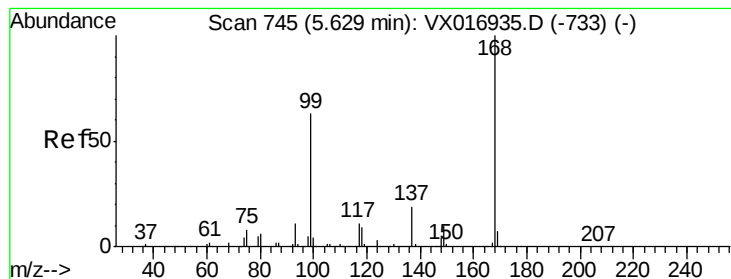
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
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ClientSampleId :
VSTDICC001

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2869	1.154	ug/l	94
94) Hexachlorobutadiene	13.77	225	1214	1.400	ug/l	91
95) Naphthalene	13.82	128	8582	1.016	ug/l	96
96) 1,2,3-Trichlorobenzene	14.00	180	2843	1.182	ug/l	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

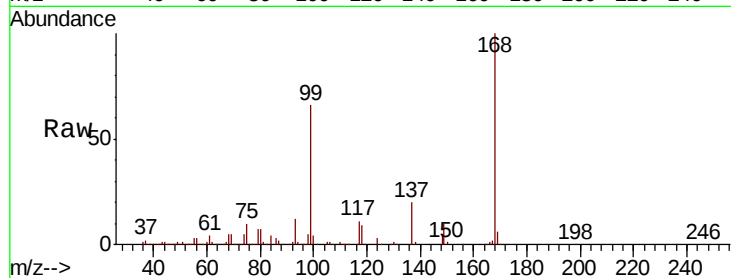
VSTDIC001

Tot Ion:168 Resp: 177291

Ion Ratio Lower Upper

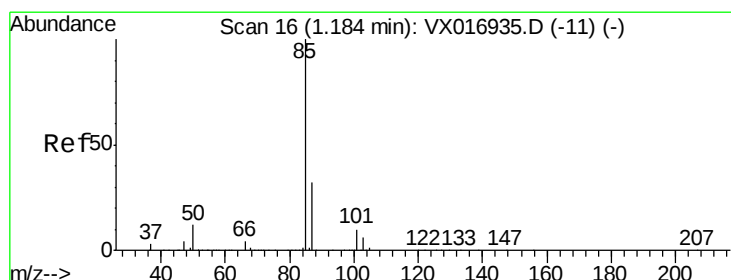
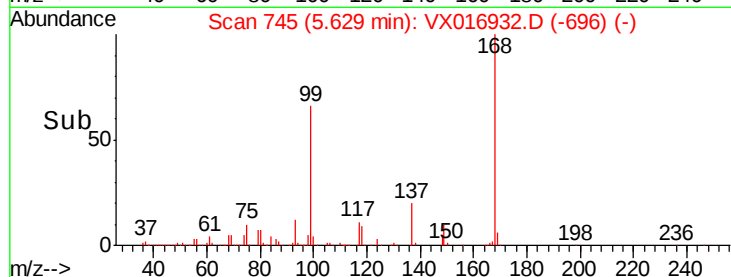
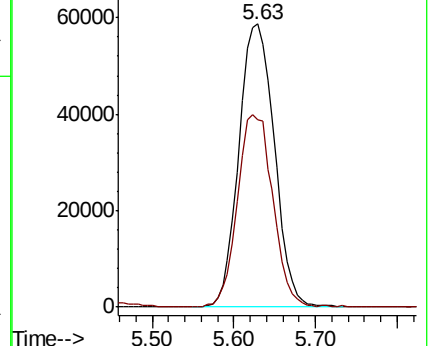
168 100

99 66.4 50.6 75.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.922 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016932.D

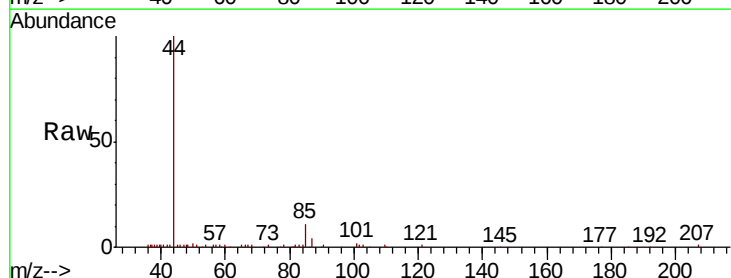
Acq: 23 Jun 2020 15:40

Tgt Ion: 85 Resp: 1906

Ion Ratio Lower Upper

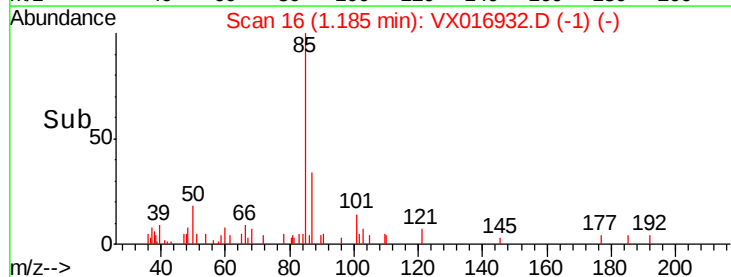
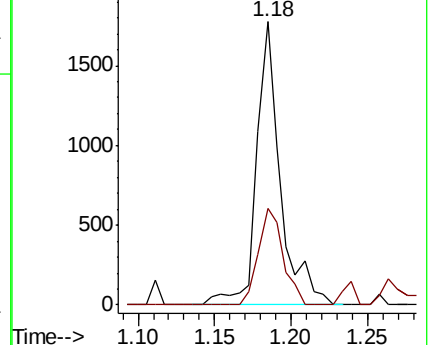
85 100

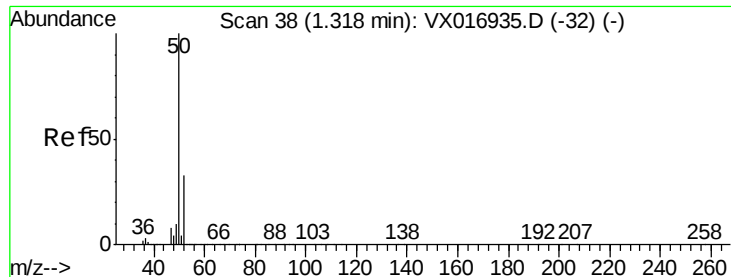
87 34.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.344 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

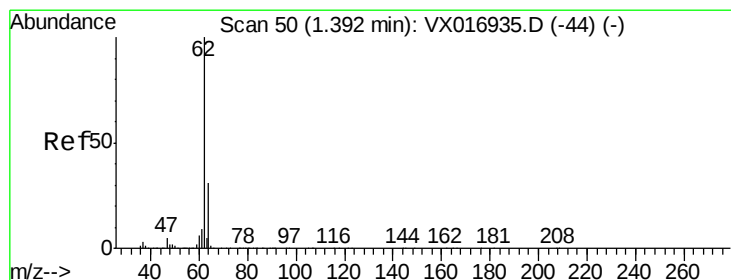
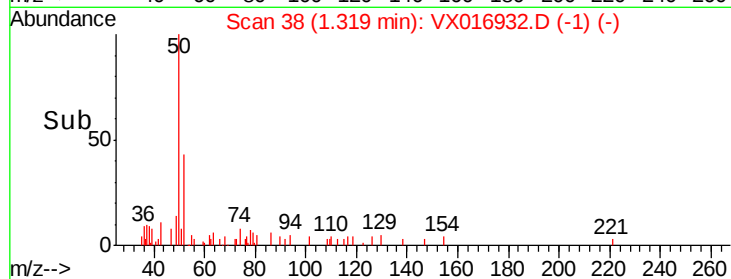
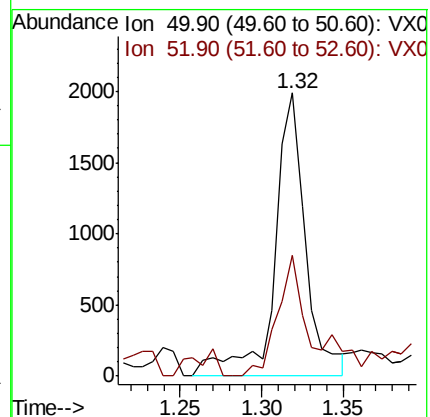
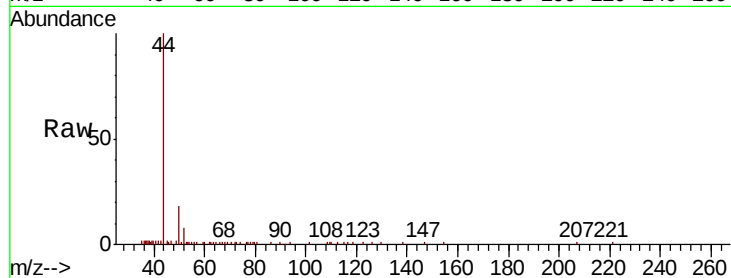
VSTDIC001

Tot Ion: 50 Resp: 2616

Ion Ratio Lower Upper

50 100

52 36.1 26.0 39.0



#4

Vinyl Chloride

Concen: 1.239 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016932.D

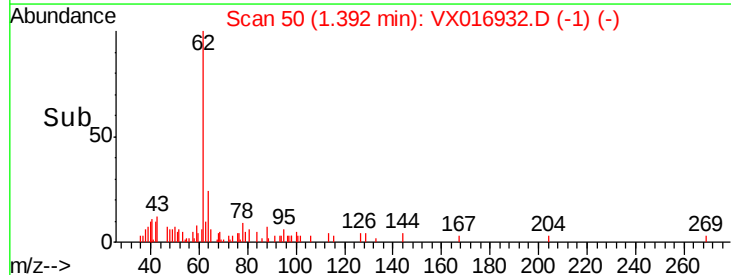
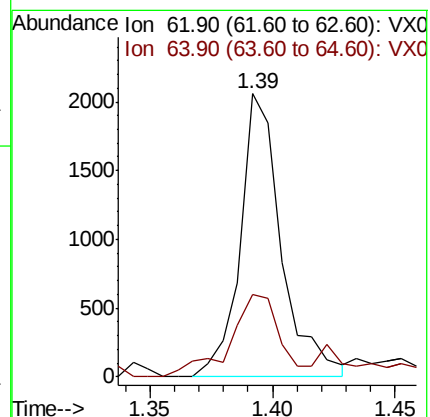
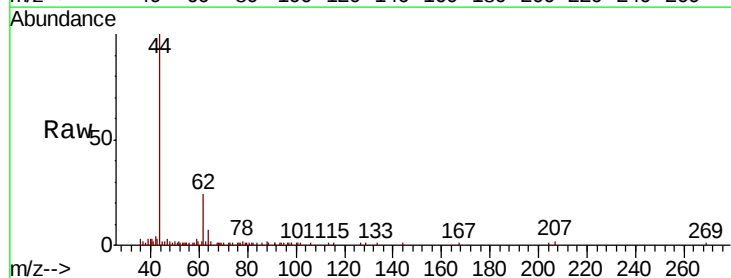
Acq: 23 Jun 2020 15:40

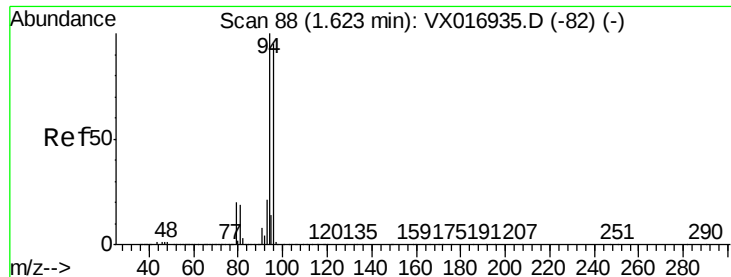
Tgt Ion: 62 Resp: 2412

Ion Ratio Lower Upper

62 100

64 24.2 25.0 37.4#





#5

Bromomethane

Concen: 1.460 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

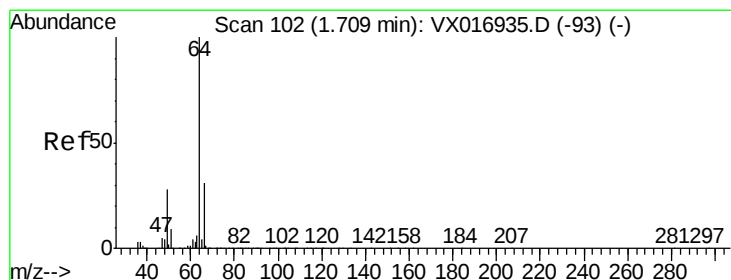
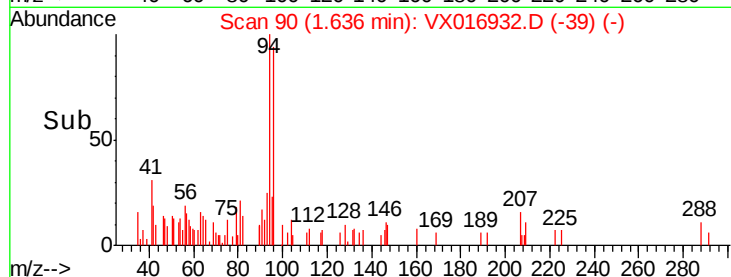
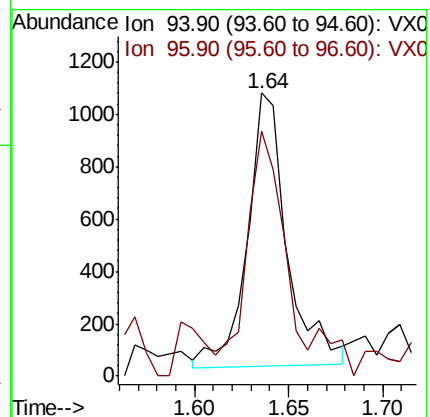
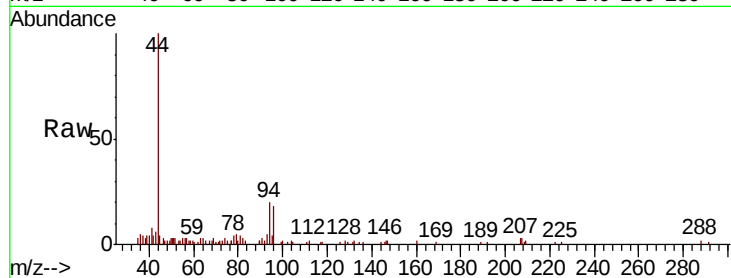
VSTDIC001

Tot Ion: 94 Resp: 1528

Ion Ratio Lower Upper

94 100

96 78.2 75.9 113.9



#6

Chloroethane

Concen: 1.281 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016932.D

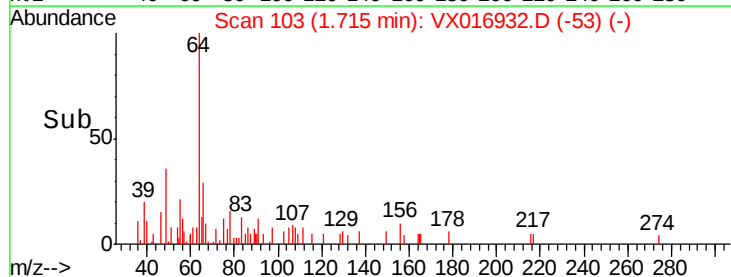
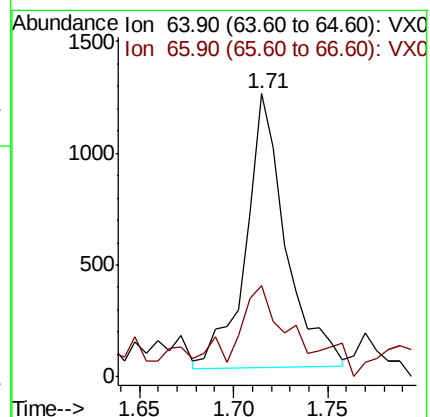
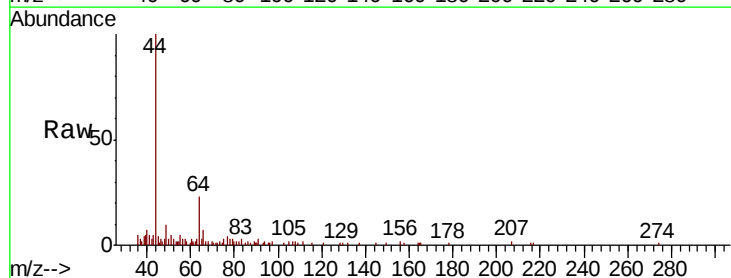
Acq: 23 Jun 2020 15:40

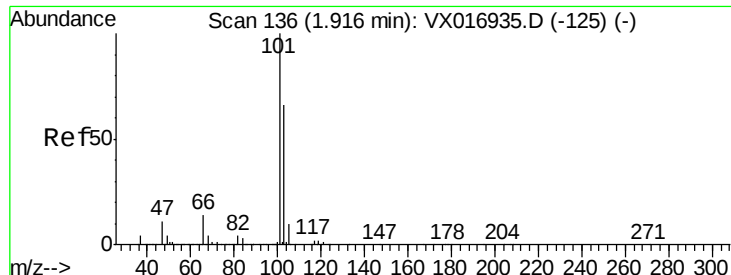
Tgt Ion: 64 Resp: 1806

Ion Ratio Lower Upper

64 100

66 27.6 25.0 37.6





#7

Trichlorofluoromethane

Concen: 1.100 ug/l

RT: 1.92 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

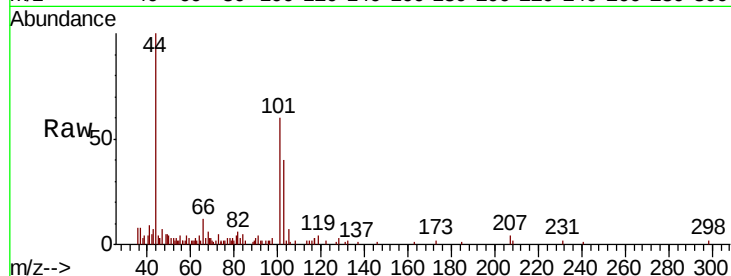
VSTDIC001

Tot Ion:101 Resp: 3775

Ion Ratio Lower Upper

101 100

103 66.9 53.0 79.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

2500

2000

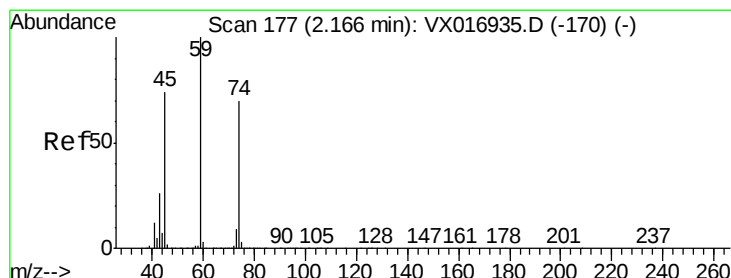
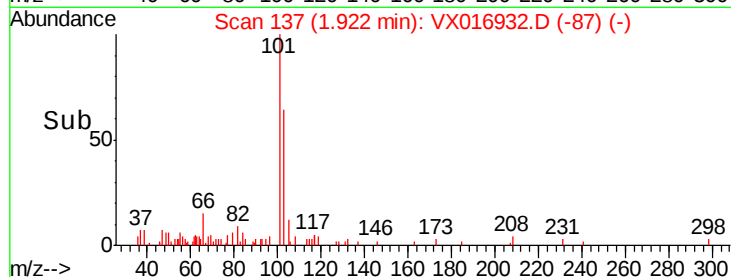
1500

1000

500

0

Time-->



#8

Diethyl Ether

Concen: 1.569 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX016932.D

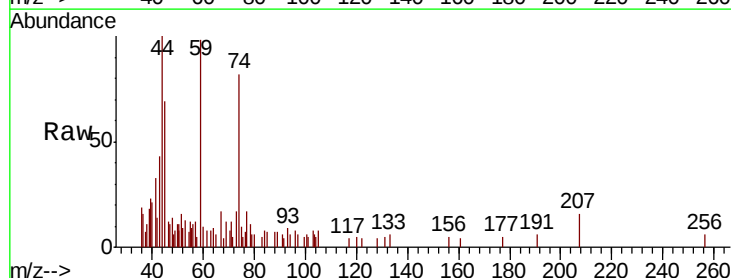
Acq: 23 Jun 2020 15:40

Tgt Ion: 74 Resp: 2048

Ion Ratio Lower Upper

74 100

45 76.6 52.6 157.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

1200

1000

800

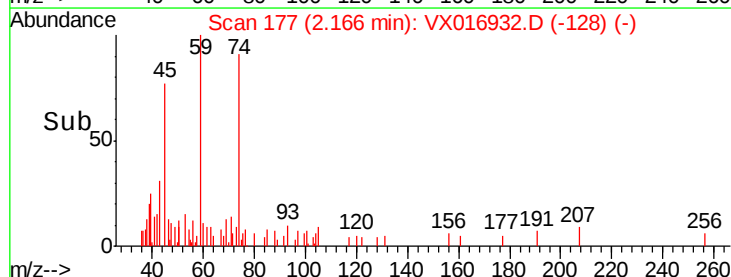
600

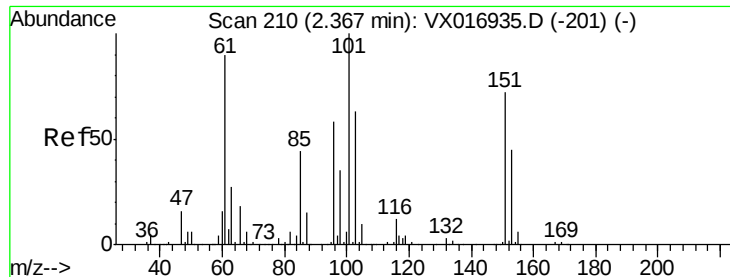
400

200

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.116 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

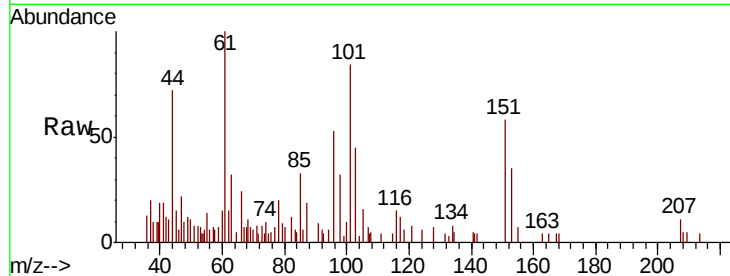
Tot Ion:101 Resp: 2136

Ion Ratio Lower Upper

101 100

85 60.4 36.9 55.3#

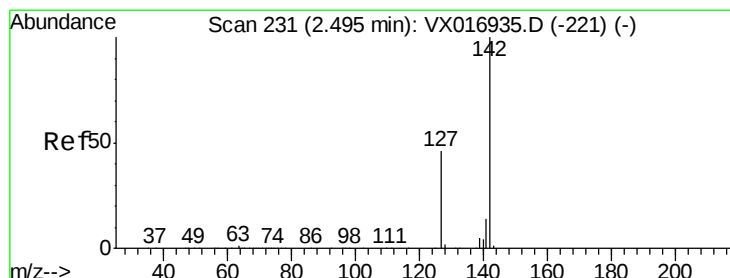
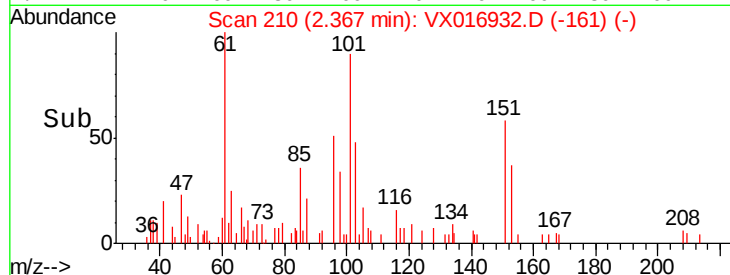
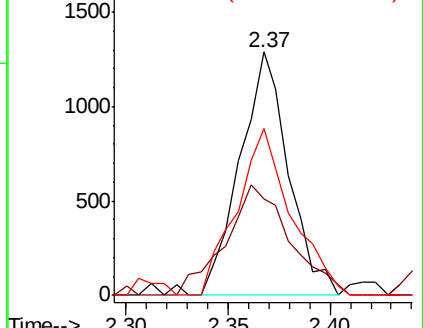
151 77.6 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.802 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

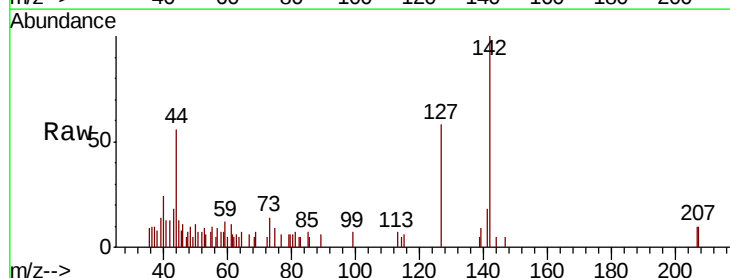
Tgt Ion:142 Resp: 1980

Ion Ratio Lower Upper

142 100

127 58.3 38.3 57.5#

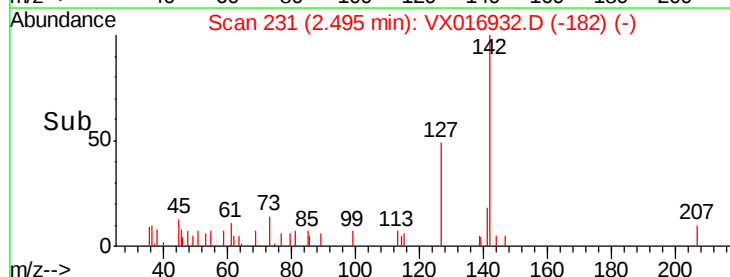
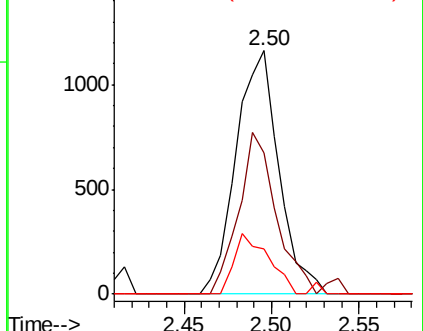
141 20.1 11.9 17.9#

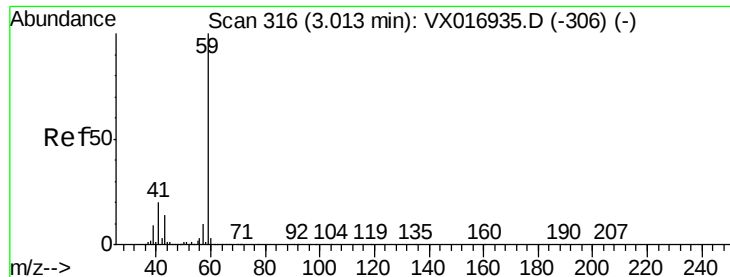


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



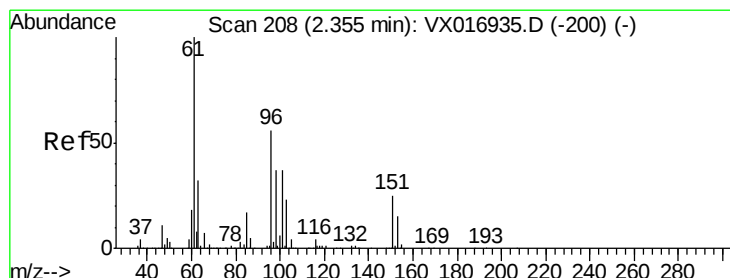
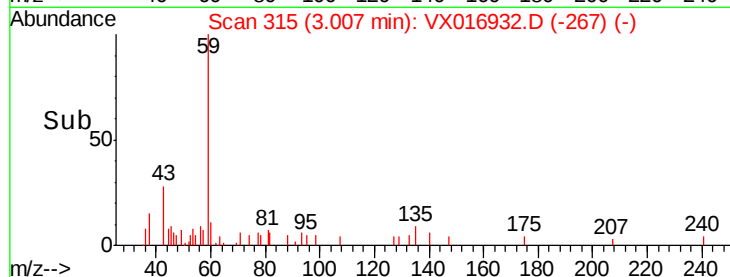
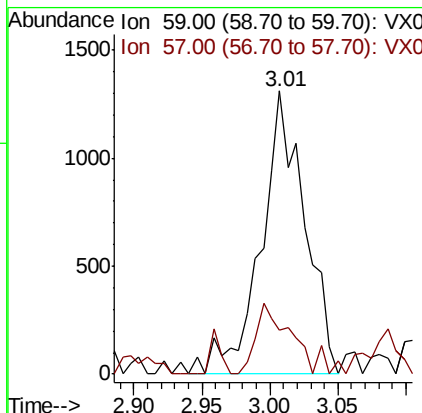
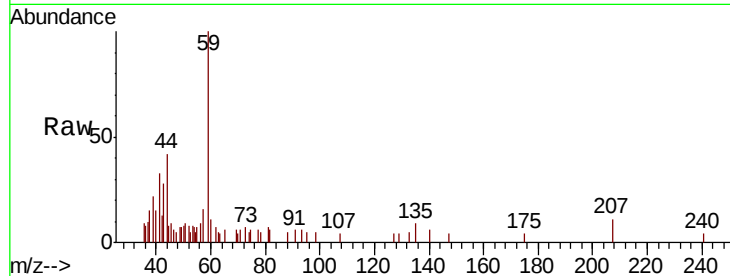


#11

Tert butyl alcohol
Concen: 4.987 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

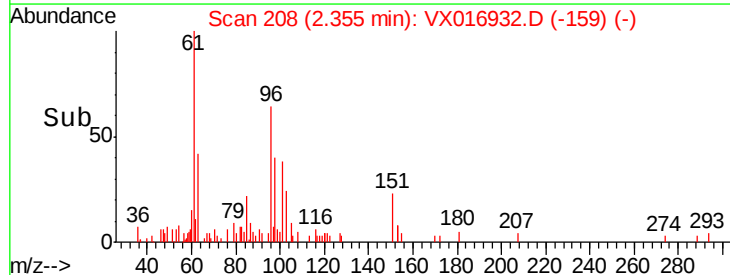
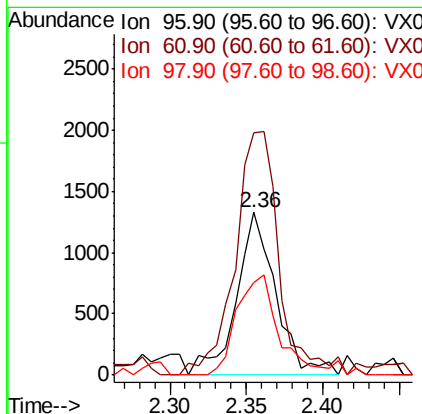
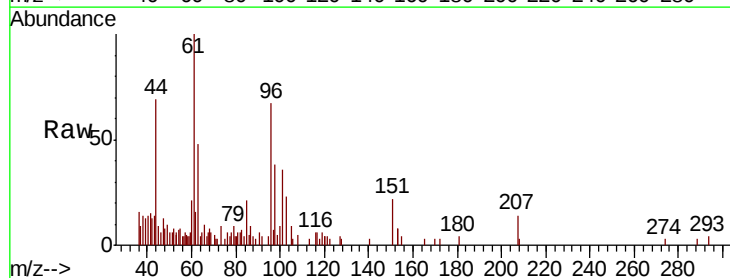
Tot Ion: 59 Resp: 2936
Ion Ratio Lower Upper
59 100
57 18.9 8.6 12.8#

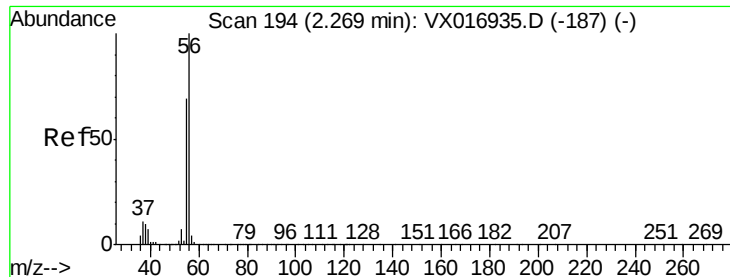


#12

1,1-Dichloroethene
Concen: 1.321 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Tgt Ion: 96 Resp: 2381
Ion Ratio Lower Upper
96 100
61 142.1 142.3 213.5#
98 56.5 53.2 79.8





#13

Acrolein

Concen: 4.104 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

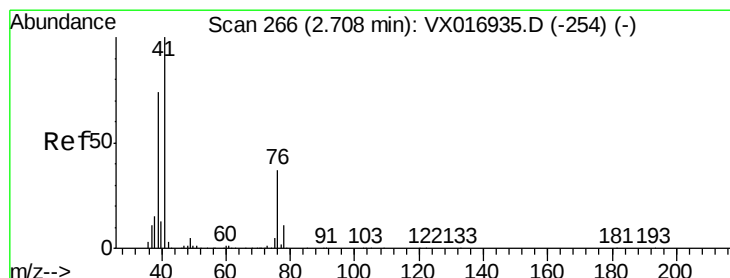
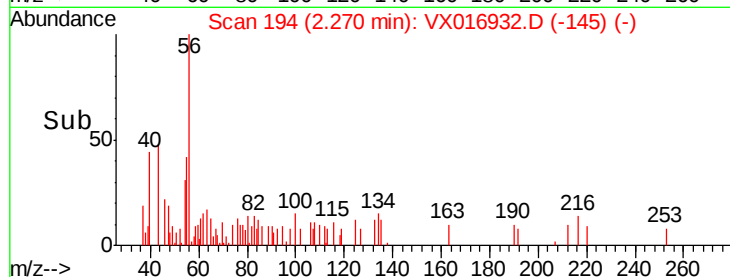
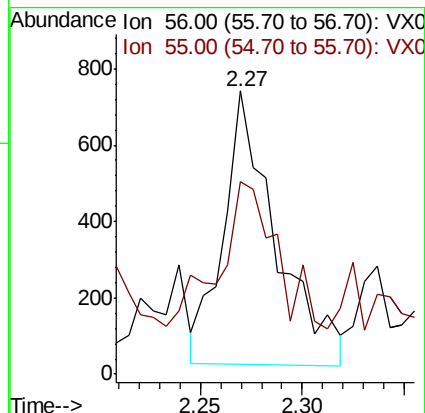
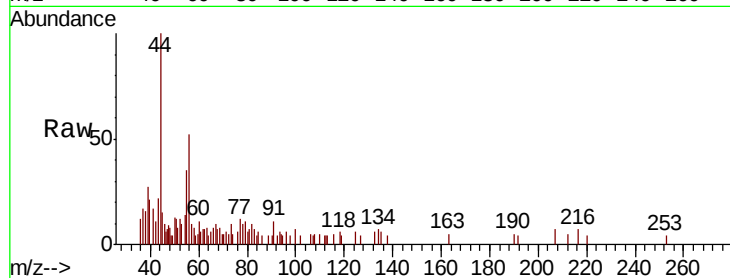
VSTDIC001

Tot Ion: 56 Resp: 1273

Ion Ratio Lower Upper

56 100

55 62.3 57.1 85.7



#14

Allyl chloride

Concen: 1.051 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

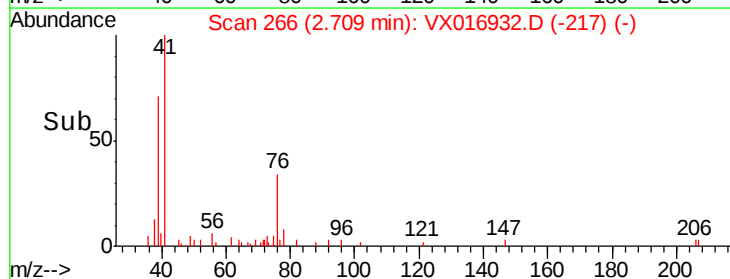
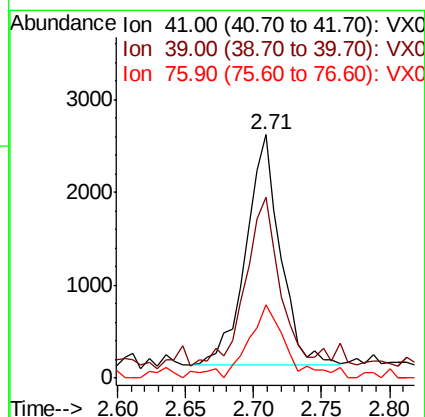
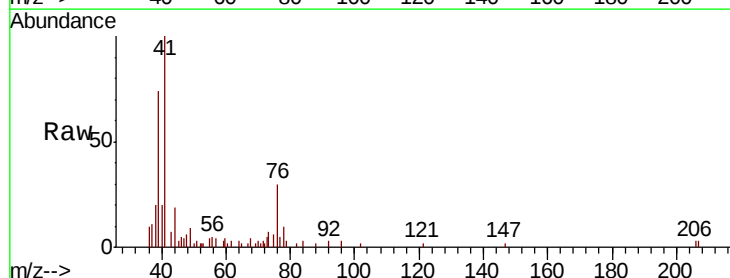
Tgt Ion: 41 Resp: 4335

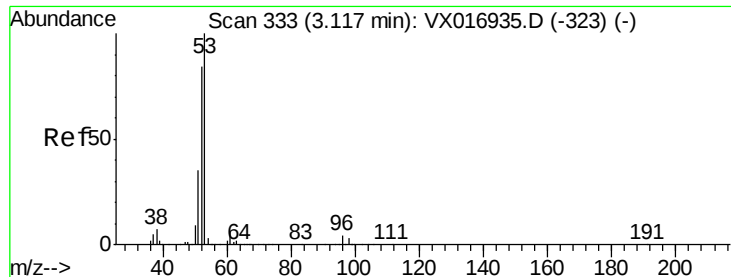
Ion Ratio Lower Upper

41 100

39 73.0 53.3 79.9

76 36.6 25.2 37.8





#15

Acrylonitrile

Concen: 5.377 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

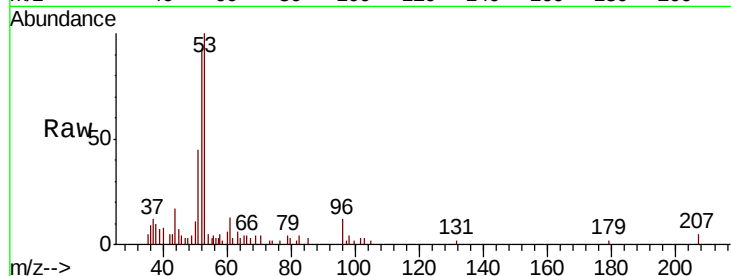
Tot Ion: 53 Resp: 6915

Ion Ratio Lower Upper

53 100

52 78.8 66.0 99.0

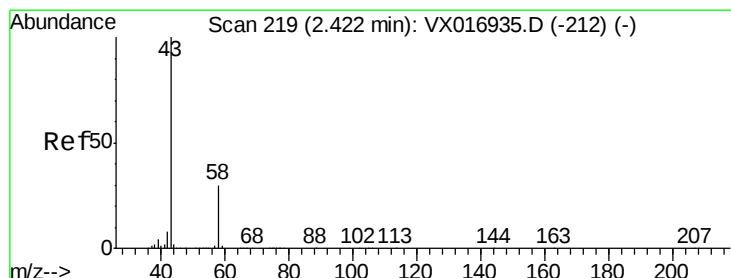
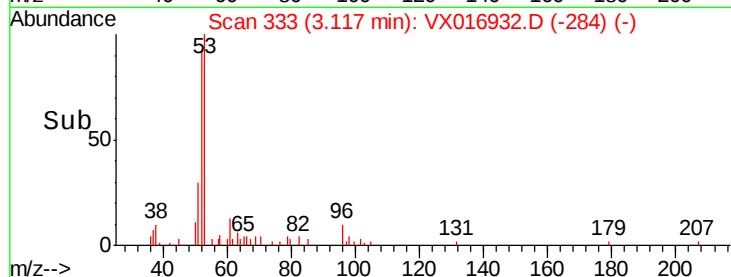
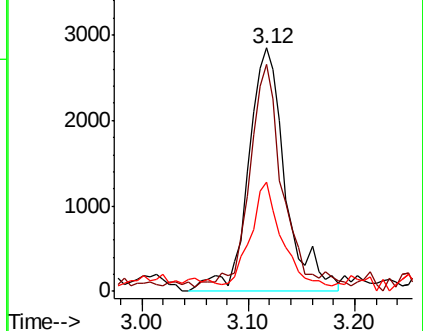
51 34.7 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 5.794 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX016932.D

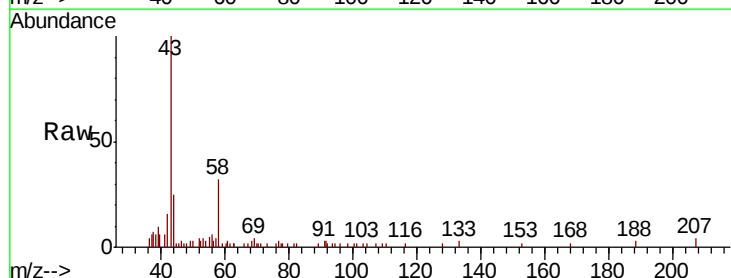
Acq: 23 Jun 2020 15:40

Tgt Ion: 43 Resp: 6166

Ion Ratio Lower Upper

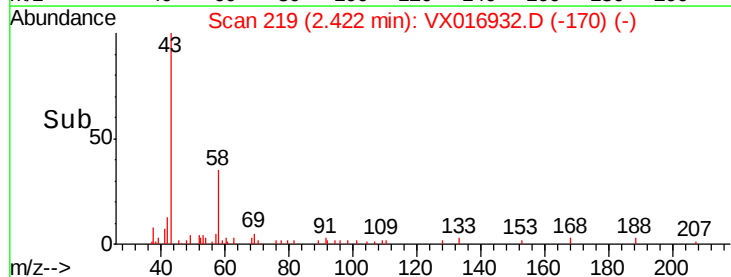
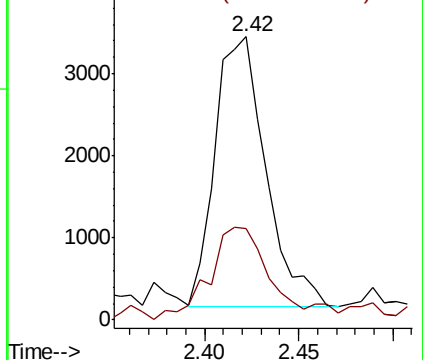
43 100

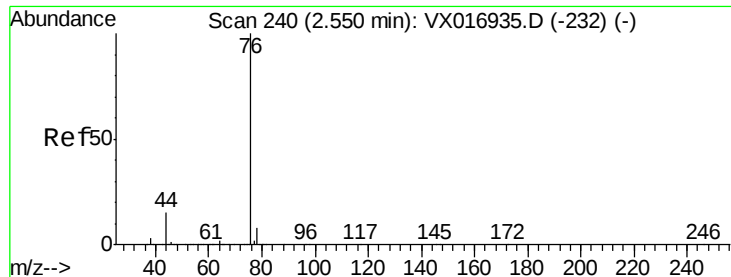
58 31.4 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.453 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

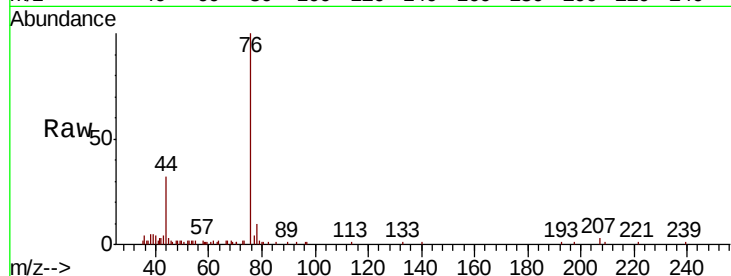
VSTDIC001

Tot Ion: 76 Resp: 8237

Ion Ratio Lower Upper

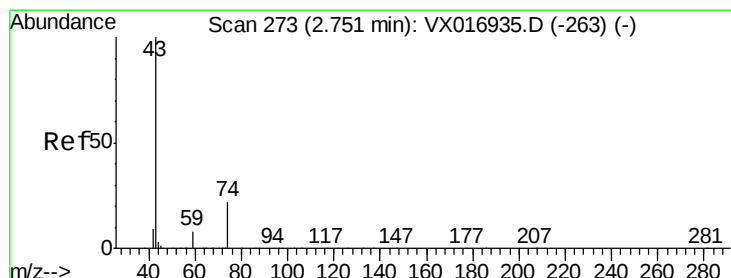
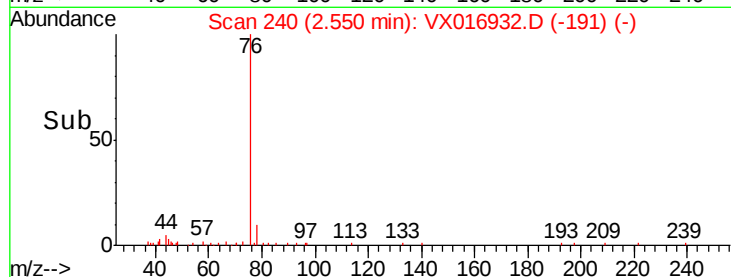
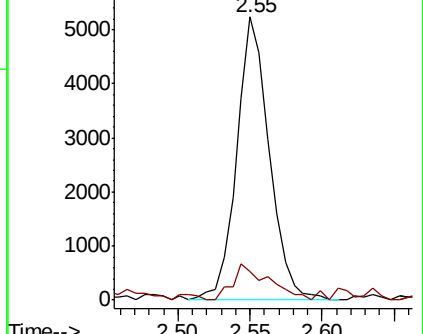
76 100

78 8.1 6.6 10.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.980 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016932.D

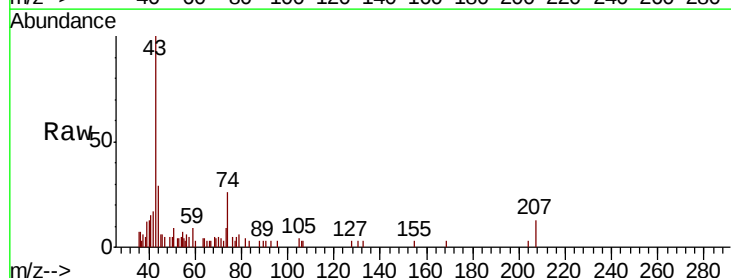
Acq: 23 Jun 2020 15:40

Tgt Ion: 43 Resp: 3453

Ion Ratio Lower Upper

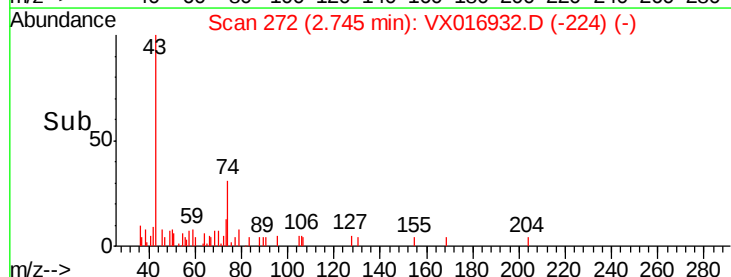
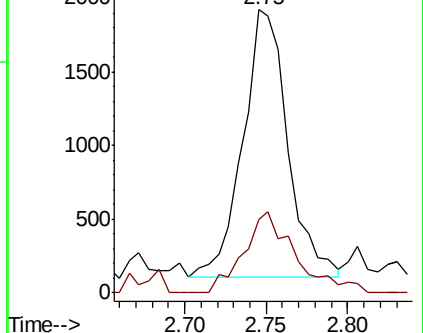
43 100

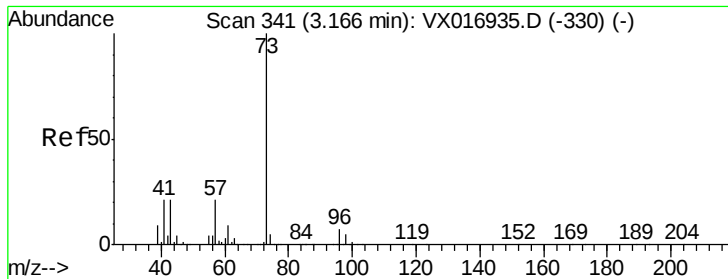
74 35.4 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

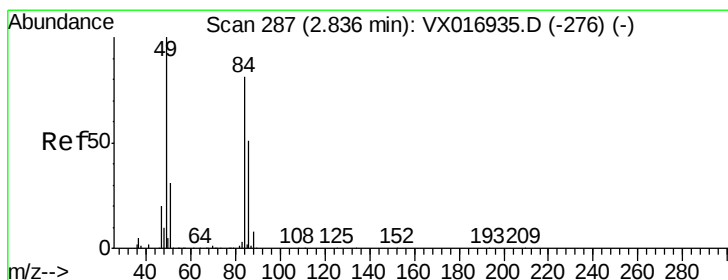
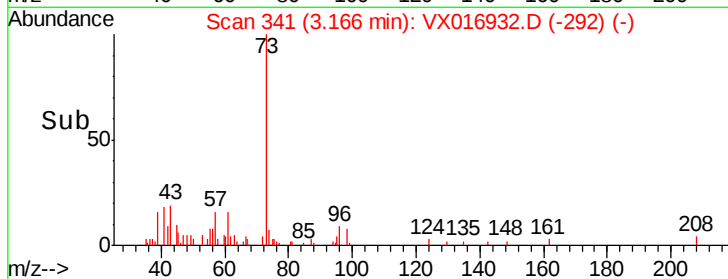
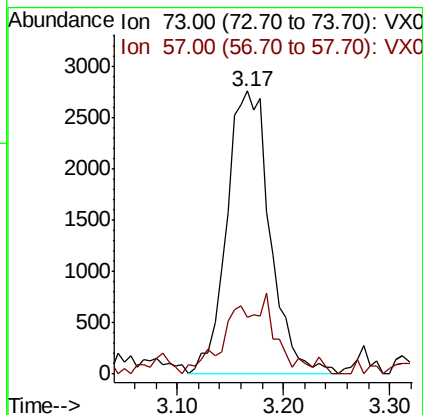
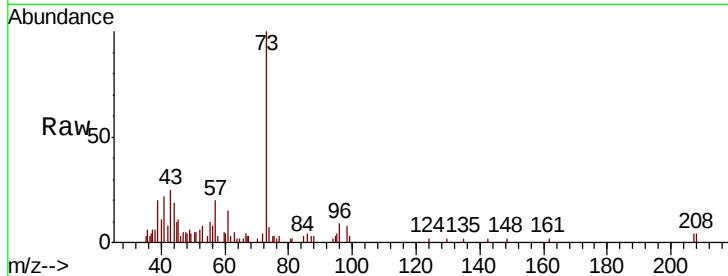




#19
Methvl tert-butvl Ether
Concen: 1.013 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

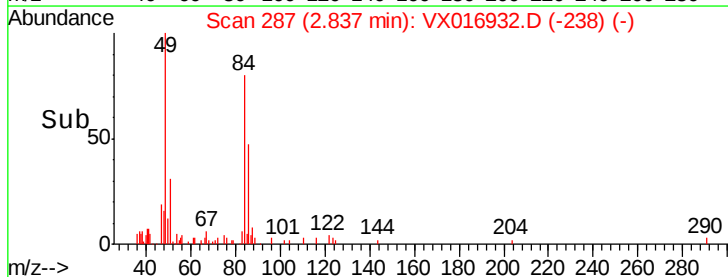
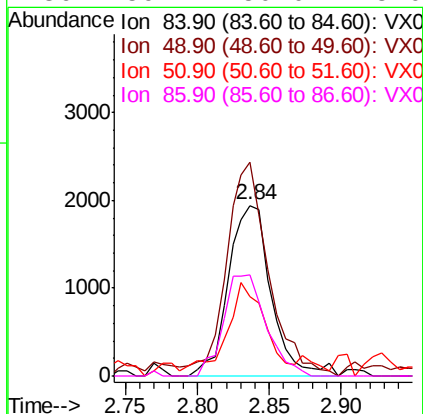
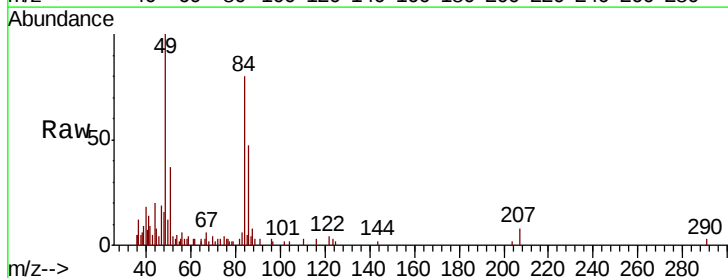
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

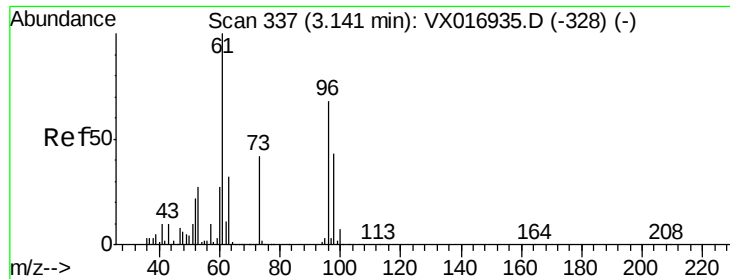
Tot Ion: 73 Resp: 7890
Ion Ratio Lower Upper
73 100
57 20.0 16.7 25.1



#20
Methylene Chloride
Concen: 1.514 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Tgt Ion: 84 Resp: 4018
Ion Ratio Lower Upper
84 100
49 125.1 98.2 147.4
51 40.7 30.7 46.1
86 59.1 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 1.306 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

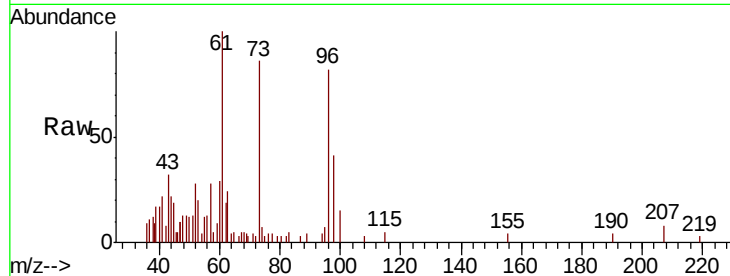
Tot Ion: 96 Resp: 2935

Ion Ratio Lower Upper

96 100

61 113.0 118.1 177.1#

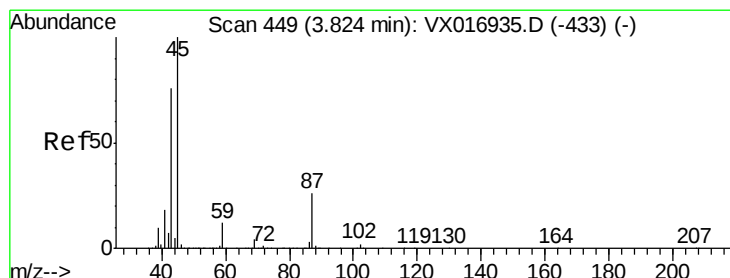
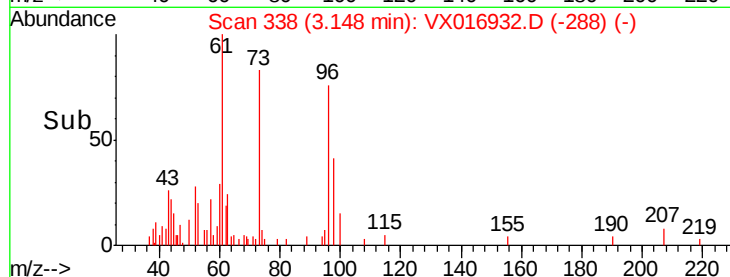
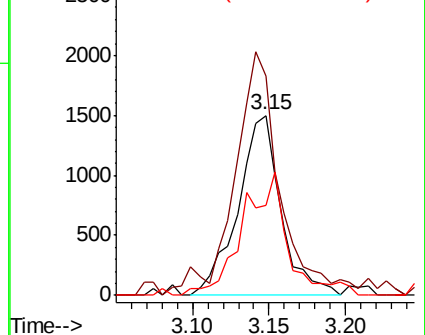
98 46.5 50.7 76.1#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.988 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Tgt Ion: 45 Resp: 7168

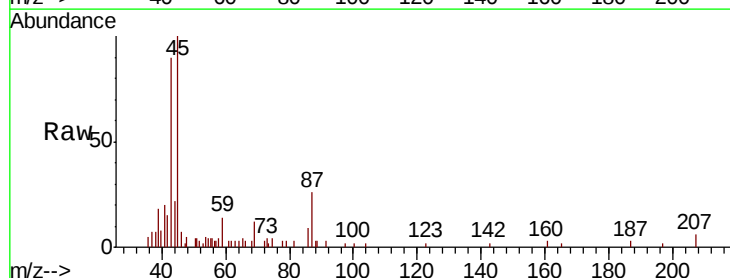
Ion Ratio Lower Upper

45 100

43 79.5 61.0 91.4

87 25.8 20.6 30.8

59 13.5 9.3 13.9

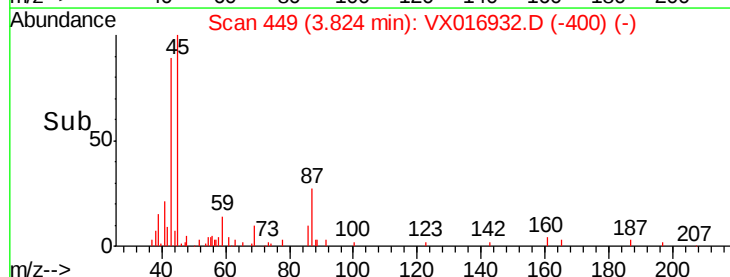
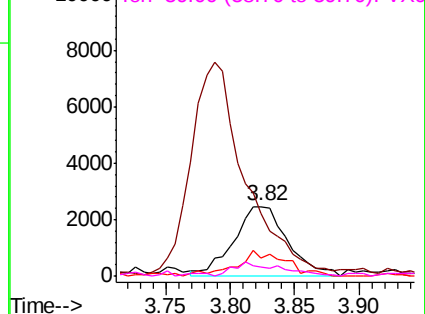


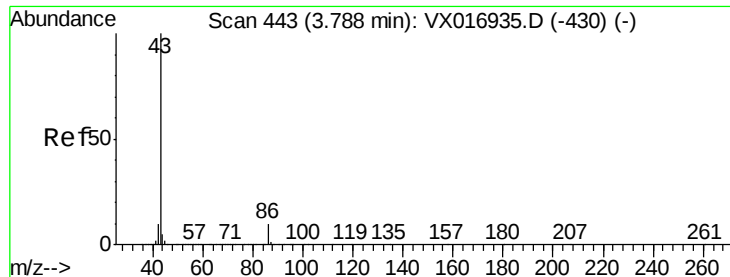
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 3.738 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

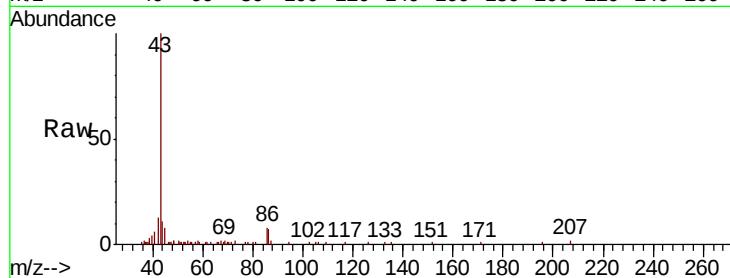
VSTDIC001

Tot Ion: 43 Resp: 21900

Ion Ratio Lower Upper

43 100

86 14.9 8.0 12.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

8000

6000

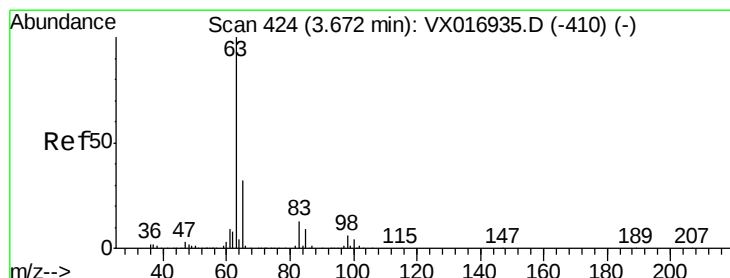
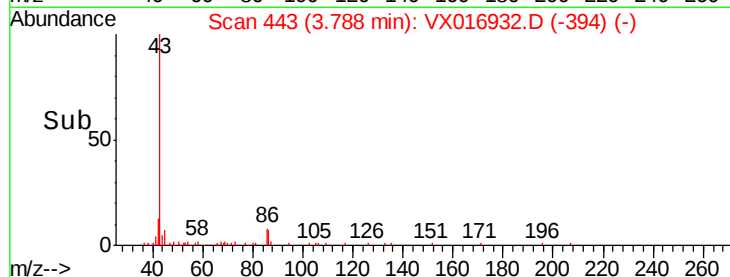
4000

2000

0

3.70 3.80 3.90

Time-->



#24

1,1-Dichloroethane

Concen: 1.043 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

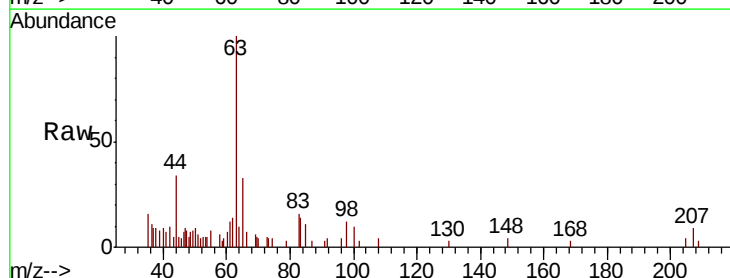
Tgt Ion: 63 Resp: 4355

Ion Ratio Lower Upper

63 100

98 12.0 3.1 9.3#

100 9.6 2.2 6.6#



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

2000

1500

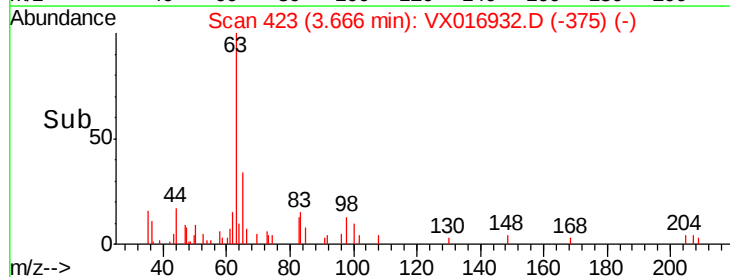
1000

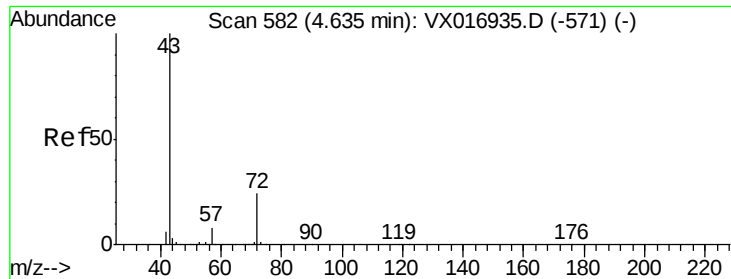
500

0

3.60 3.65 3.70 3.75

Time-->





#25

2-Butanone

Concen: 4.231 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

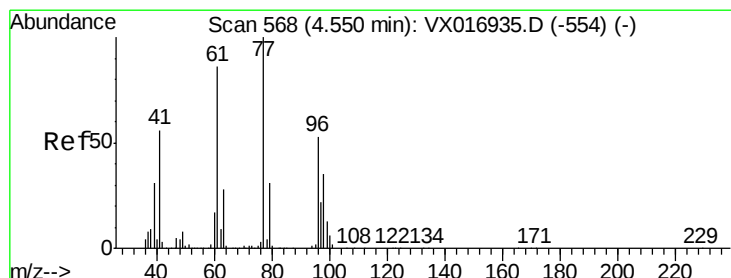
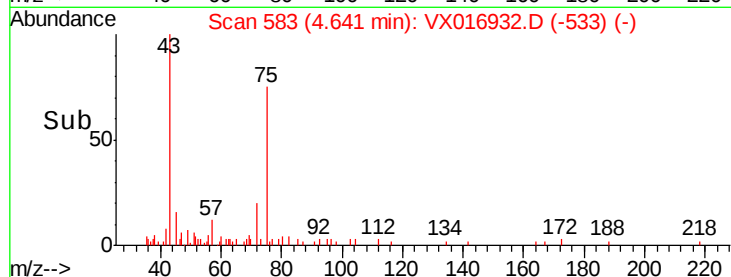
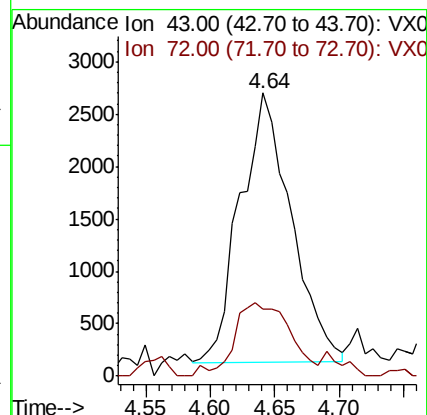
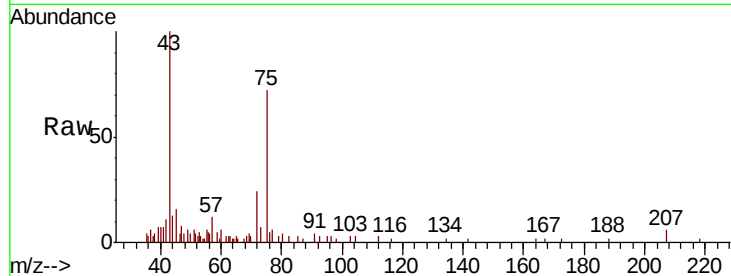
VSTDIC001

Tot Ion: 43 Resp: 7105

Ion Ratio Lower Upper

43 100

72 25.1 19.6 29.4



#26

2,2-Dichloropropane

Concen: 1.063 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016932.D

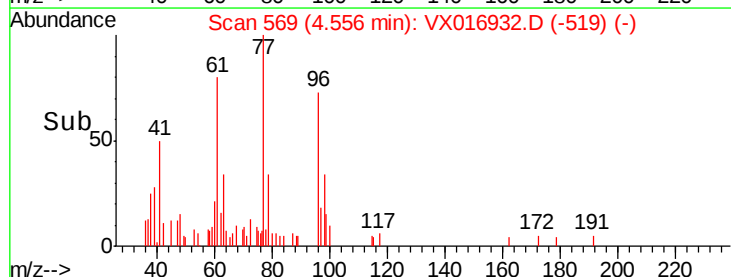
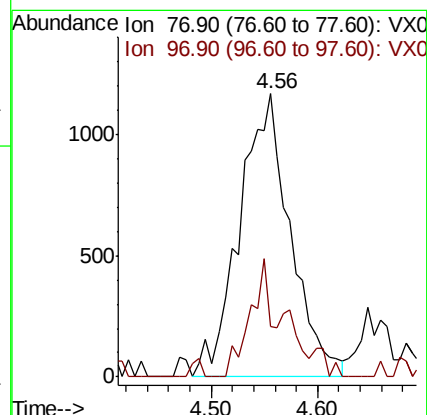
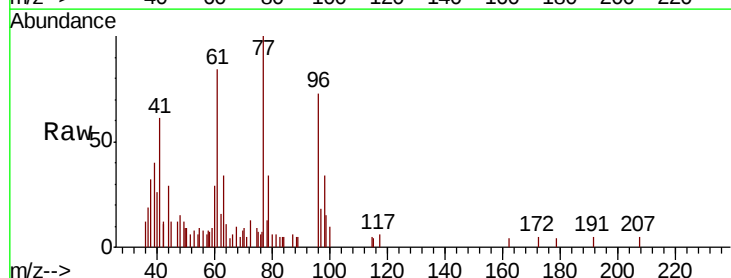
Acq: 23 Jun 2020 15:40

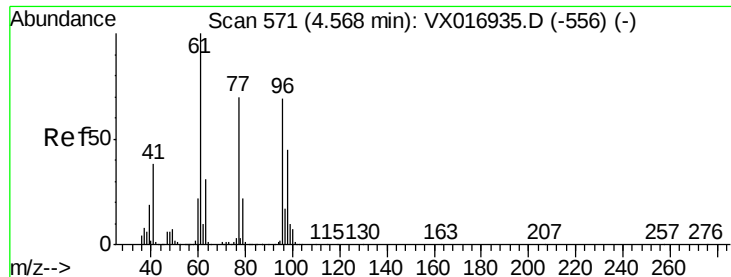
Tgt Ion: 77 Resp: 3902

Ion Ratio Lower Upper

77 100

97 17.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 1.112 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

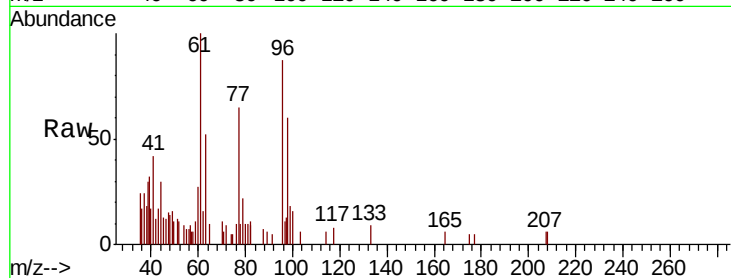
Tot Ion: 96 Resp: 2810

Ion Ratio Lower Upper

96 100

61 153.7 0.0 312.2

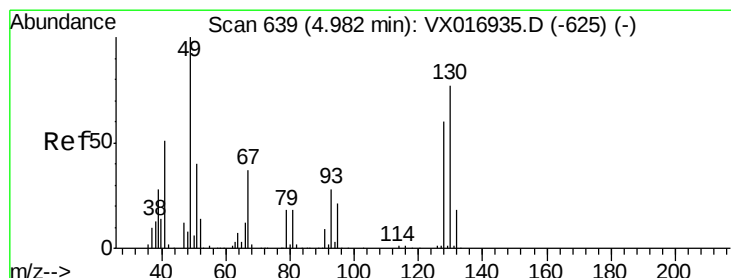
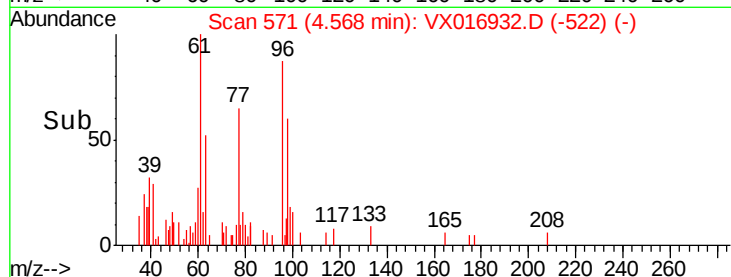
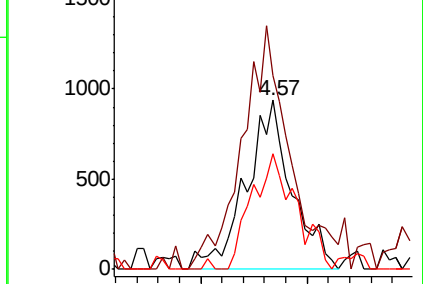
98 66.4 0.0 130.6



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: 0.700 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

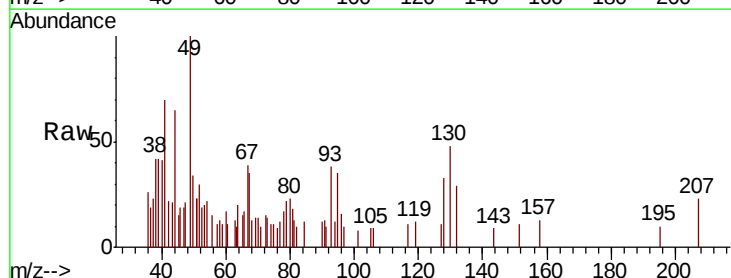
Tgt Ion: 49 Resp: 1518

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.0

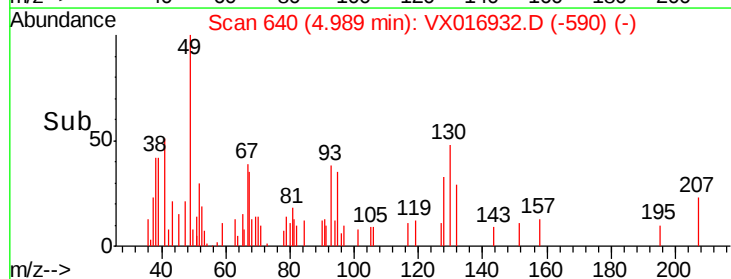
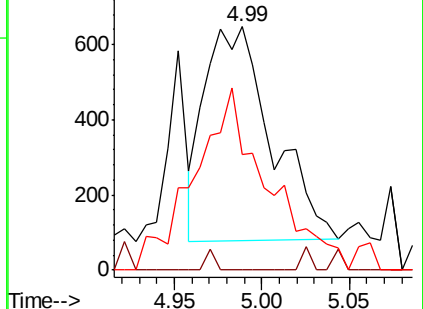
130 93.1 58.7 88.1#

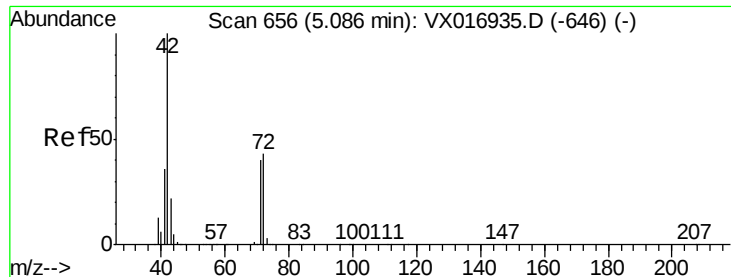


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 5.780 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

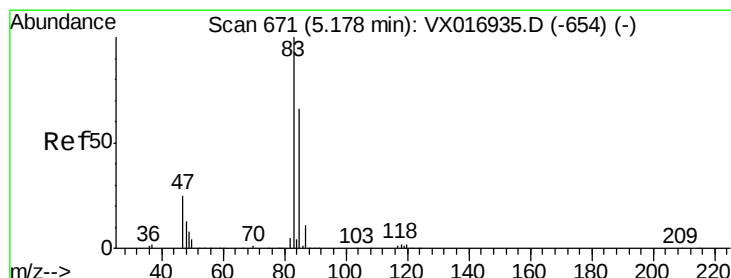
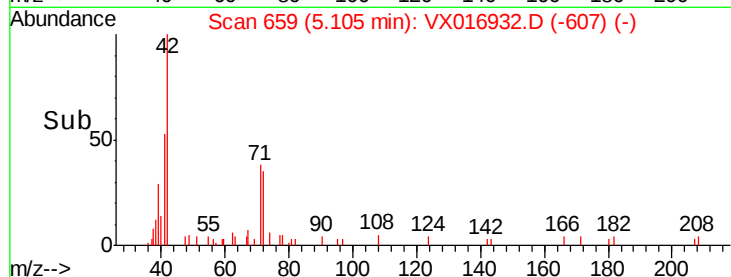
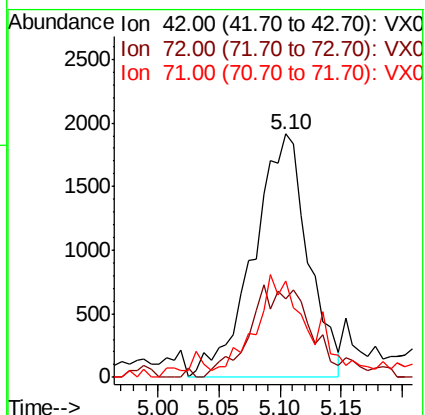
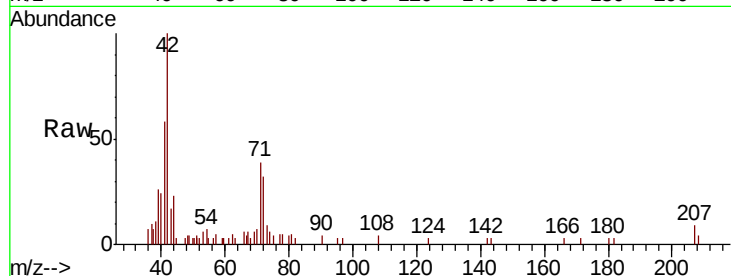
Tot Ion: 42 Resp: 5960

Ion Ratio Lower Upper

42 100

72 17.0 34.9 52.3#

71 38.1 32.2 48.4



#30

Chloroform

Concen: 1.063 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016932.D

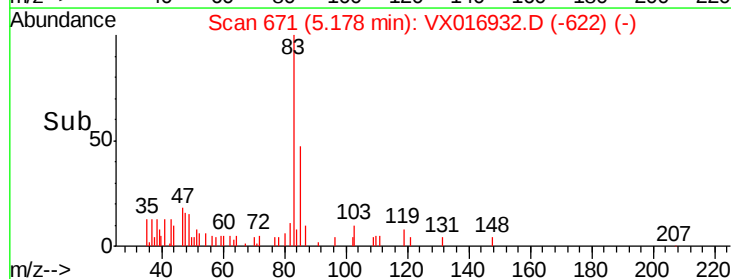
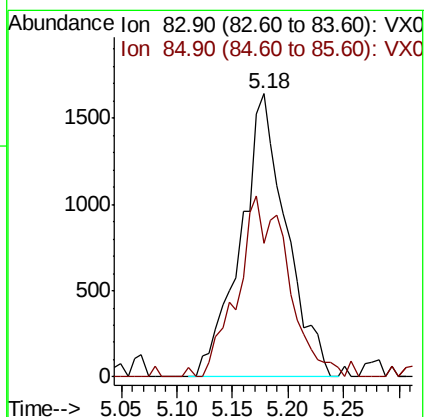
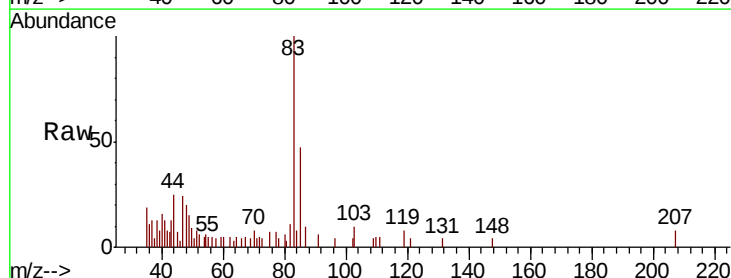
Acq: 23 Jun 2020 15:40

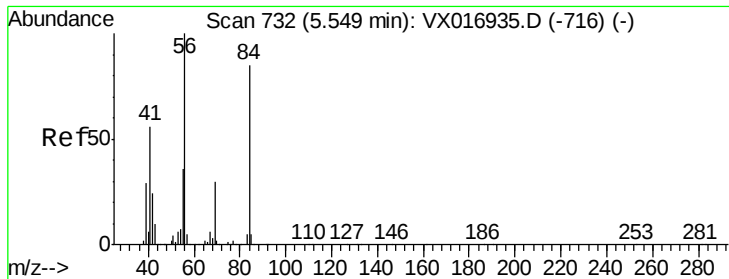
Tgt Ion: 83 Resp: 4677

Ion Ratio Lower Upper

83 100

85 44.1 52.8 79.2#





#31

Cyclohexane

Concen: 1.066 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

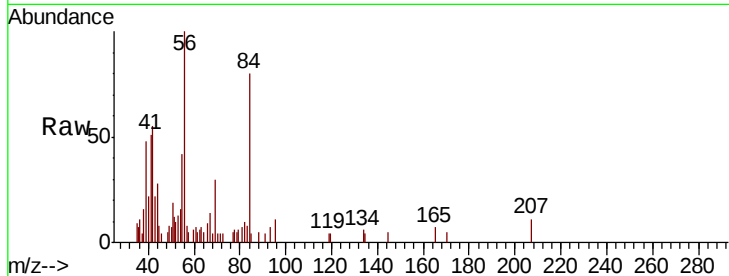
Tot Ion: 56 Resp: 3549

Ion Ratio Lower Upper

56 100

69 24.9 24.4 36.6

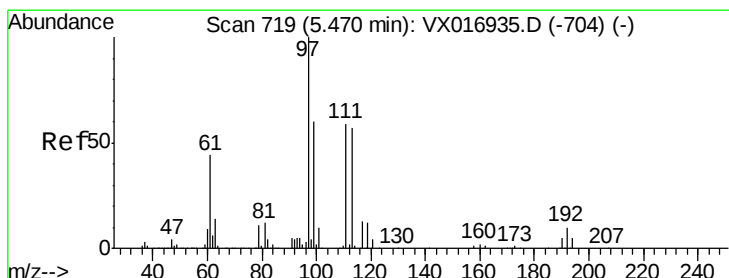
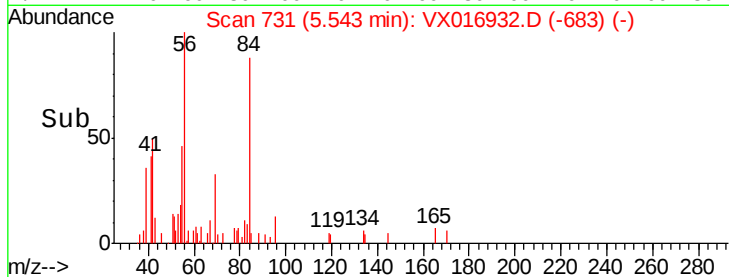
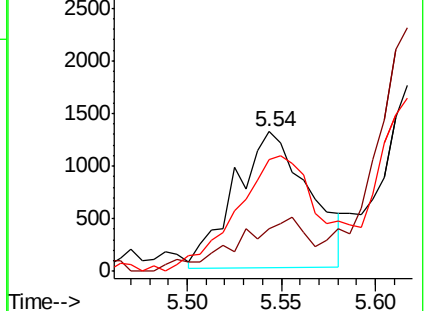
84 74.2 67.0 100.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 1.065 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

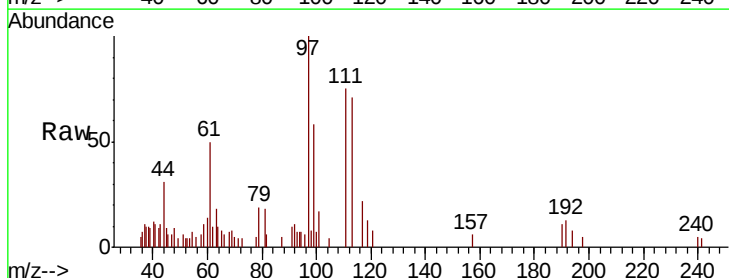
Tgt Ion: 97 Resp: 4109

Ion Ratio Lower Upper

97 100

99 0.0 50.6 76.0#

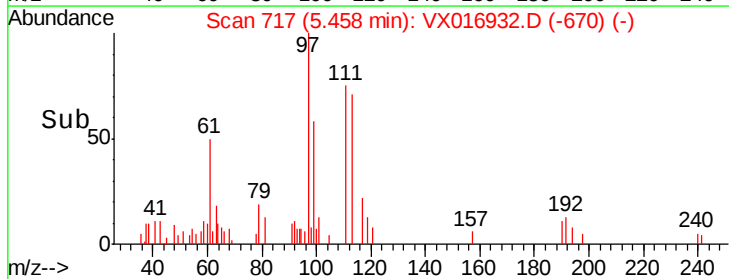
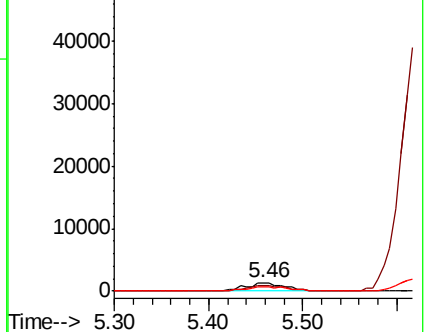
61 54.0 36.1 54.1

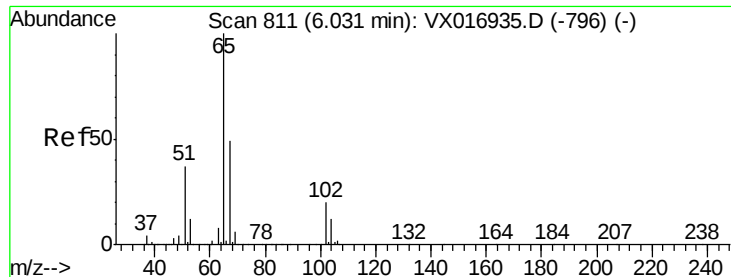


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 1.325 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

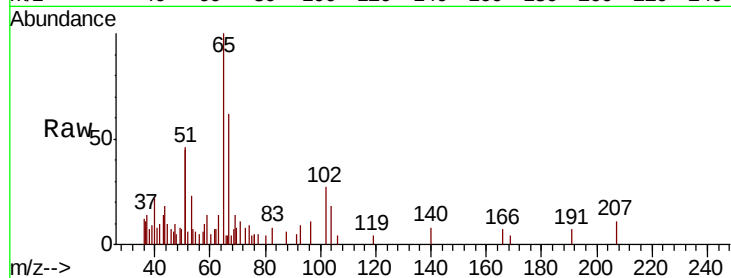
VSTDIC001

Tot Ion: 65 Resp: 3715

Ion Ratio Lower Upper

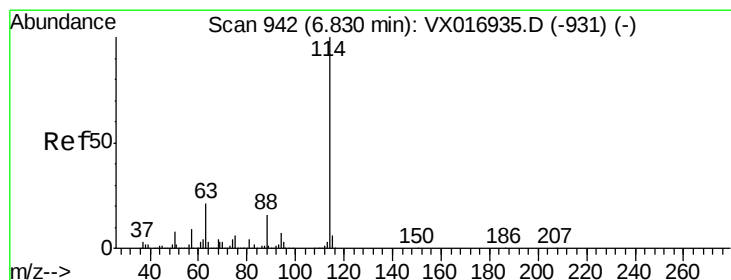
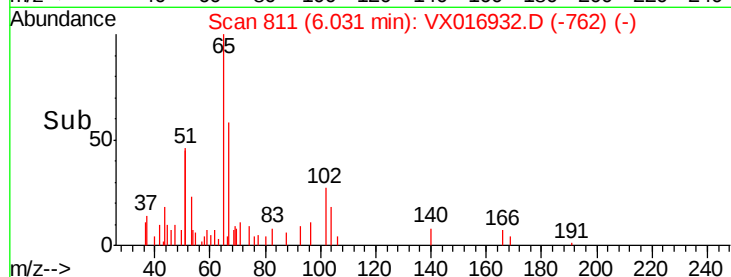
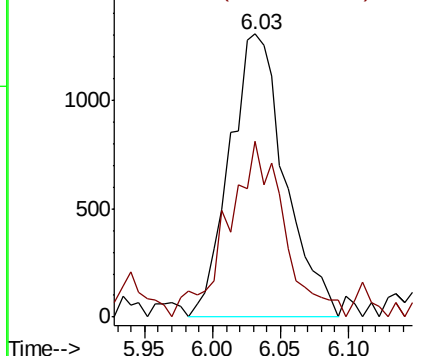
65 100

67 62.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

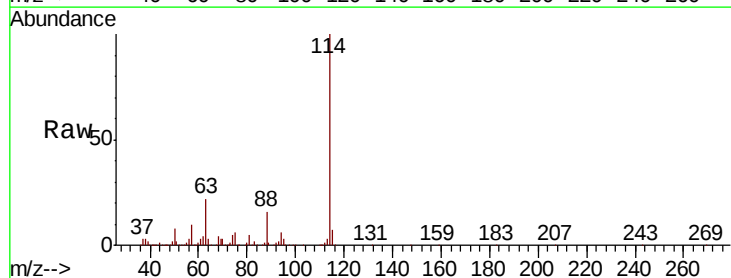
Tgt Ion: 114 Resp: 274162

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.4

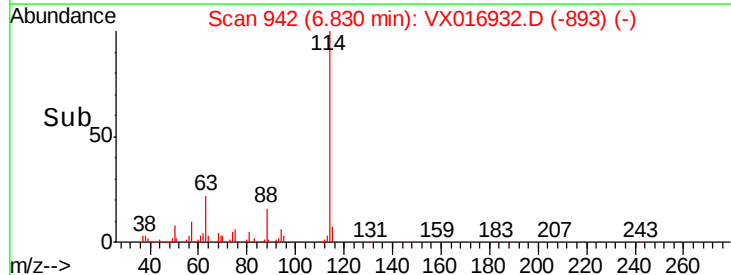
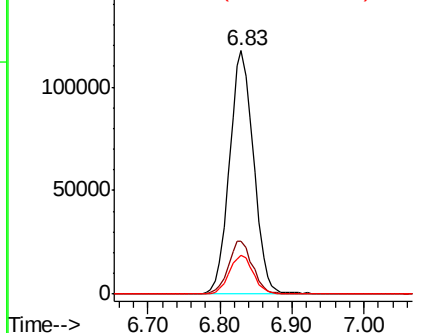
88 15.8 0.0 32.4

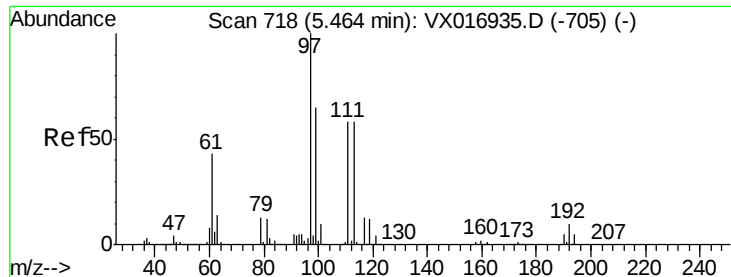


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.513 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

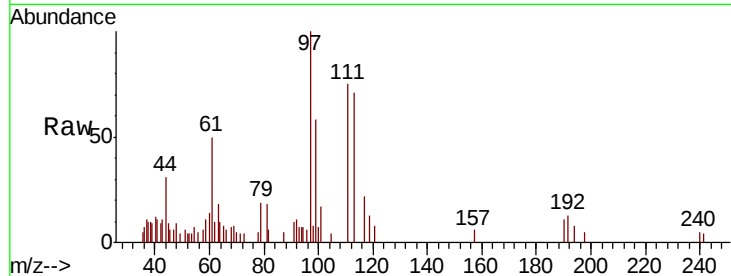
Tot Ion:113 Resp: 2838

Ion Ratio Lower Upper

113 100

111 111.7 83.4 125.0

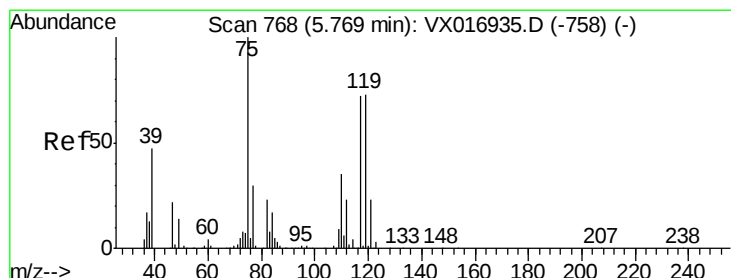
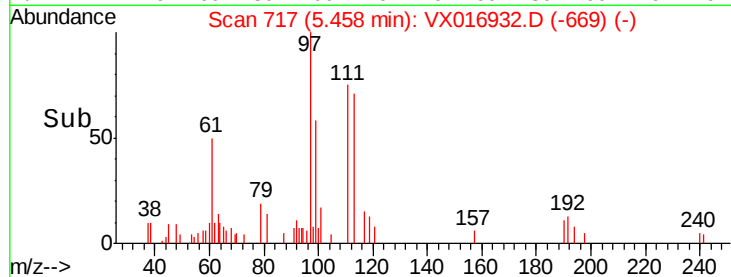
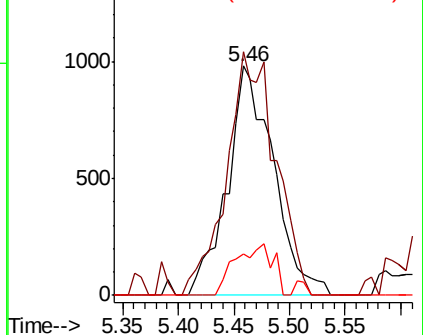
192 18.3 14.6 22.0



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: 1.617 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

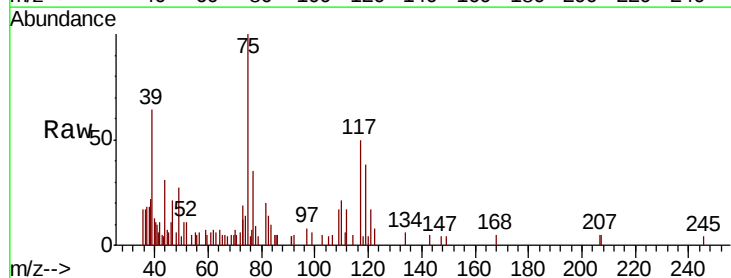
Tgt Ion: 75 Resp: 4227

Ion Ratio Lower Upper

75 100

110 30.4 17.1 51.3

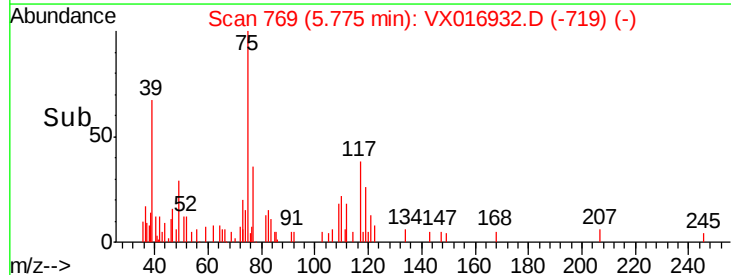
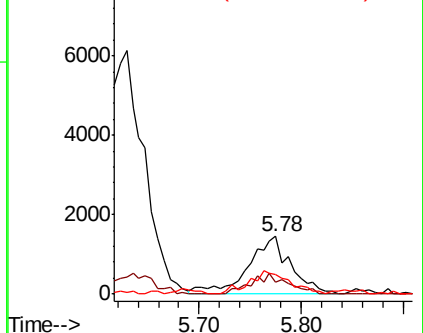
77 38.0 24.9 37.3#

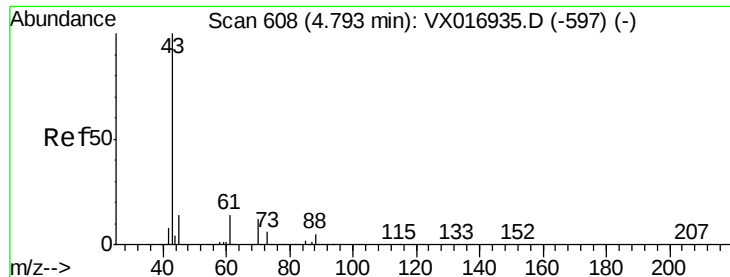


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

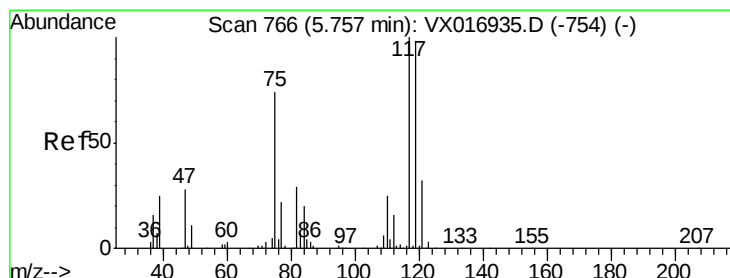
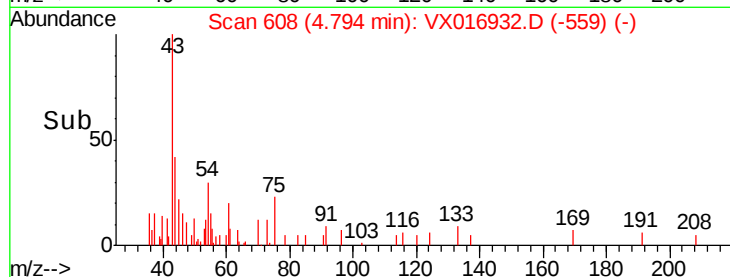
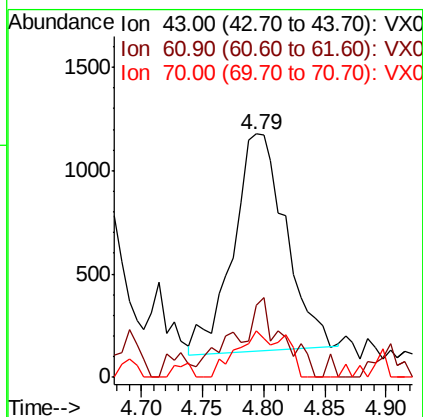
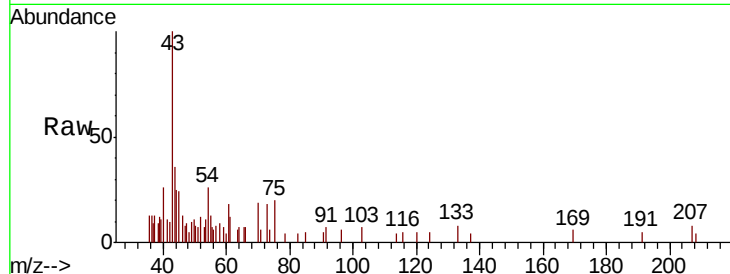




#37
Ethyl Acetate
Concen: 1.096 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

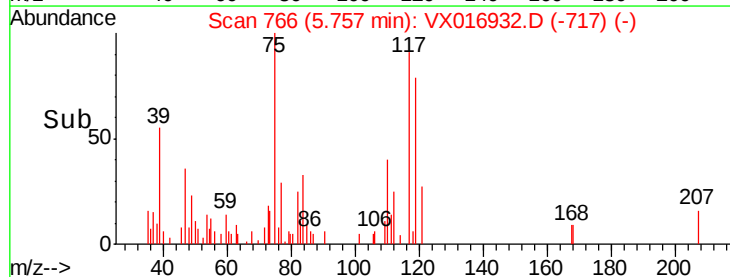
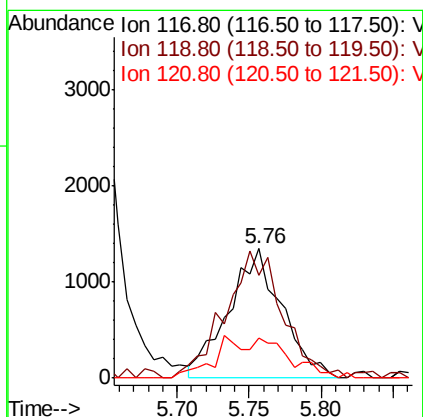
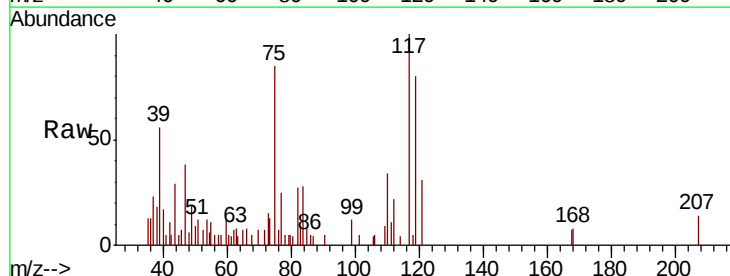
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

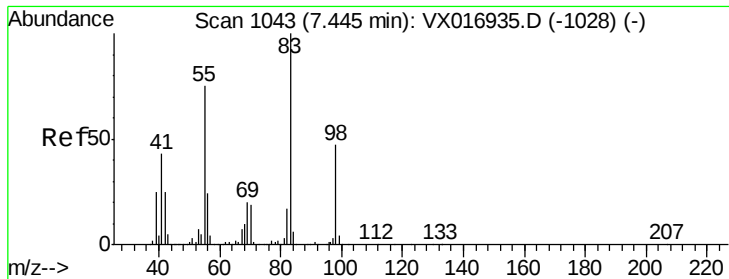
Tot Ion: 43 Resp: 3148
Ion Ratio Lower Upper
43 100
61 33.0 11.0 16.4#
70 13.5 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 1.243 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Tgt Ion: 117 Resp: 3475
Ion Ratio Lower Upper
117 100
119 74.1 78.2 117.2#
121 30.9 25.0 37.6

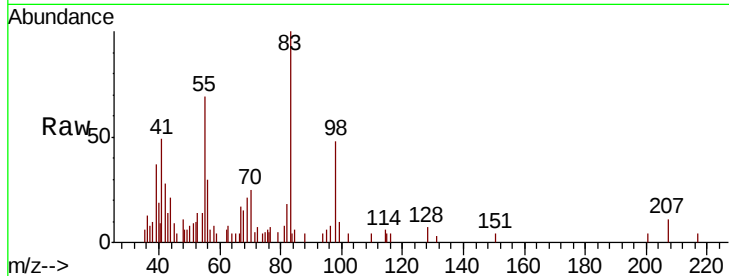




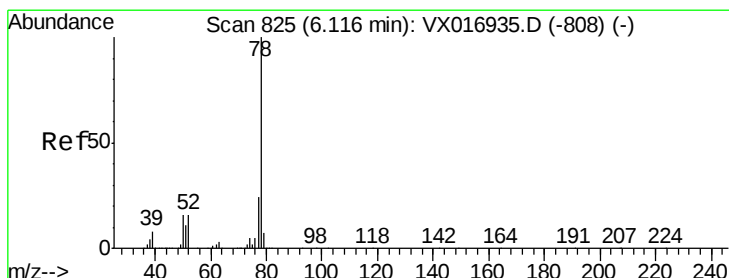
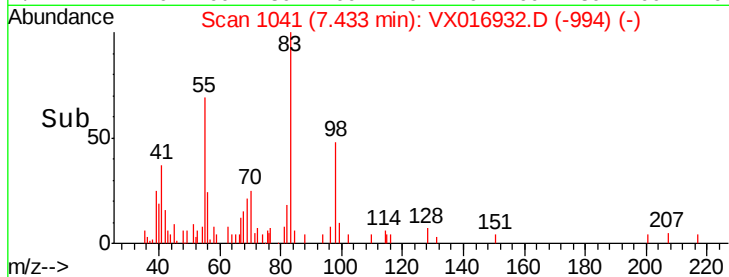
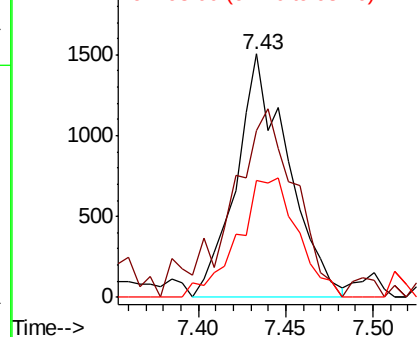
#39
Methvlcvclohexane
Concen: 1.078 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 83 Resp: 3105
Ion Ratio Lower Upper
83 100
55 68.5 59.9 89.9
98 48.0 37.3 55.9

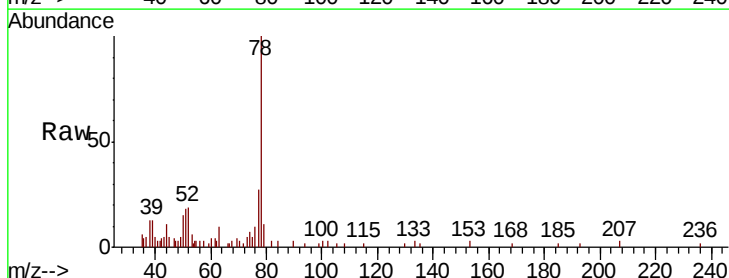


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

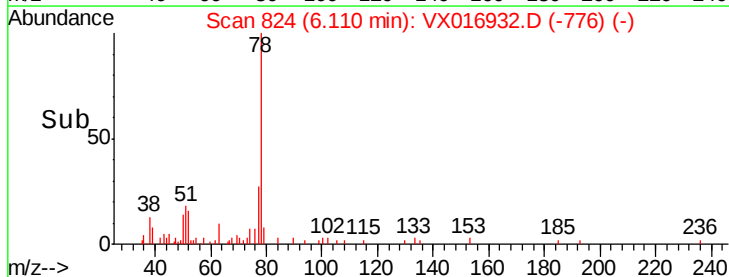
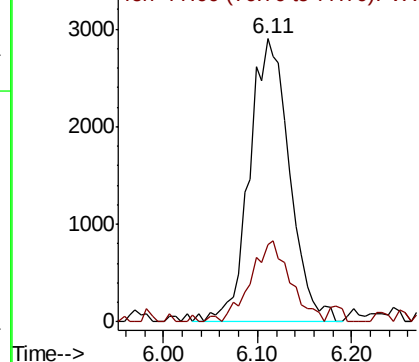


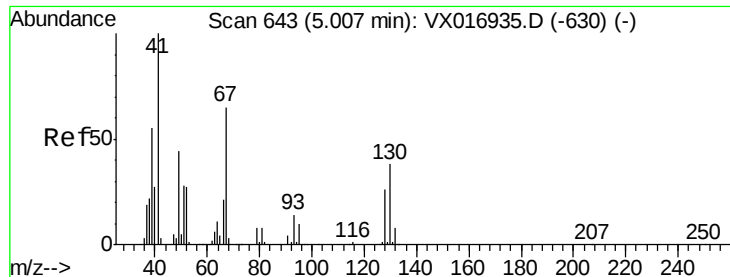
#40
Benzene
Concen: 1.157 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Tgt Ion: 78 Resp: 8670
Ion Ratio Lower Upper
78 100
77 25.1 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

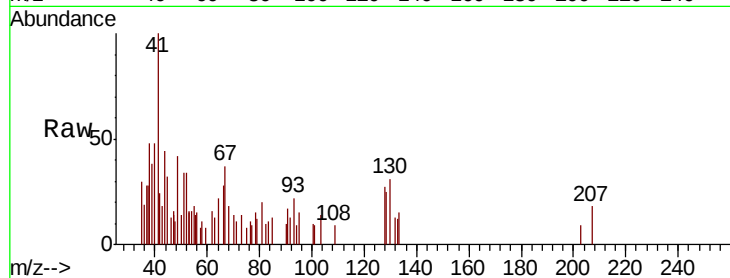




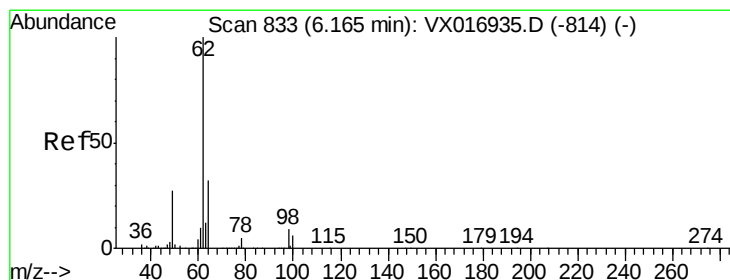
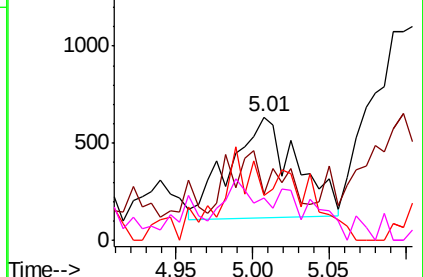
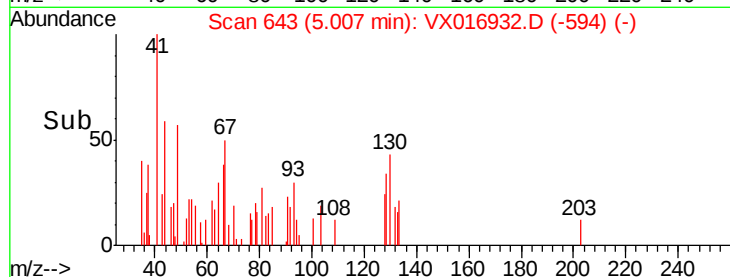
#41
Methacrylonitrile
Concen: 0.933 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 41 Resp: 1561
Ion Ratio Lower Upper
41 100
39 28.1 44.2 66.2#
67 50.5 55.1 82.7#
52 19.8 22.6 34.0#

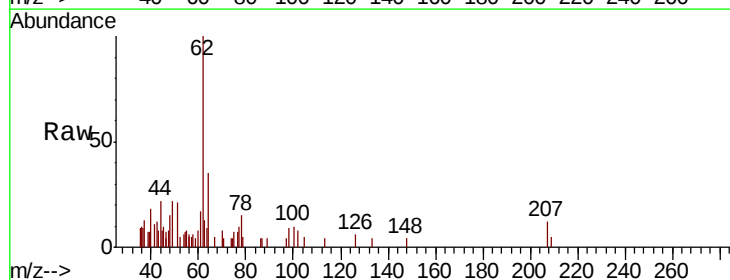


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

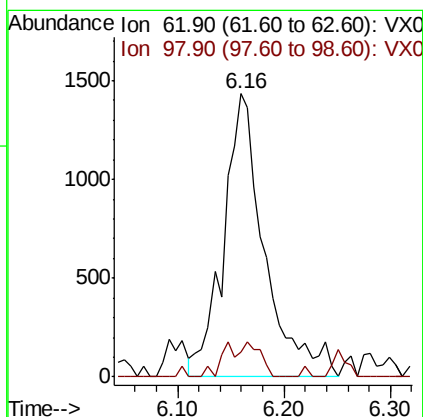
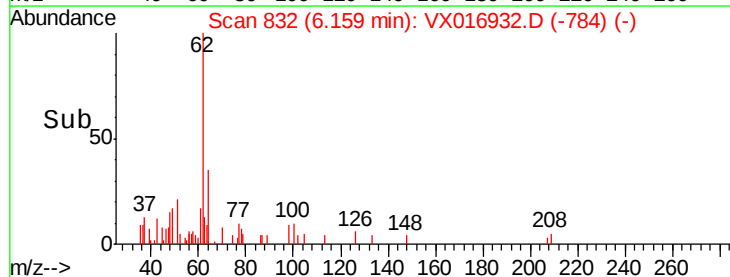


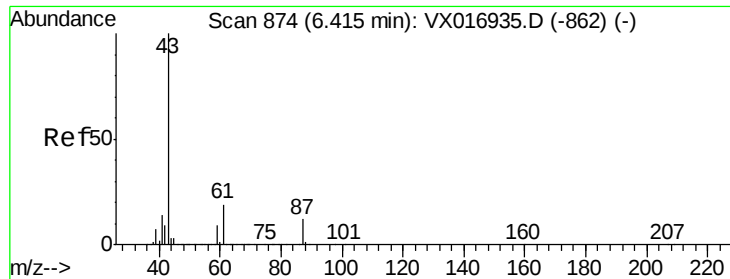
#42
1,2-Dichloroethane
Concen: 1.248 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Tgt Ion: 62 Resp: 3837
Ion Ratio Lower Upper
62 100
98 5.0 0.0 17.0



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





#43

Isopropyl Acetate

Concen: 1.185 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

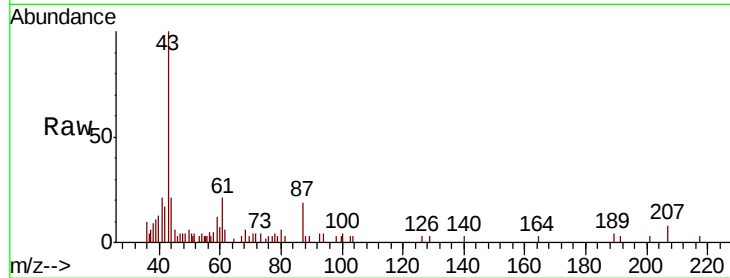
Tot Ion: 43 Resp: 5929

Ion Ratio Lower Upper

43 100

61 25.6 15.4 23.0#

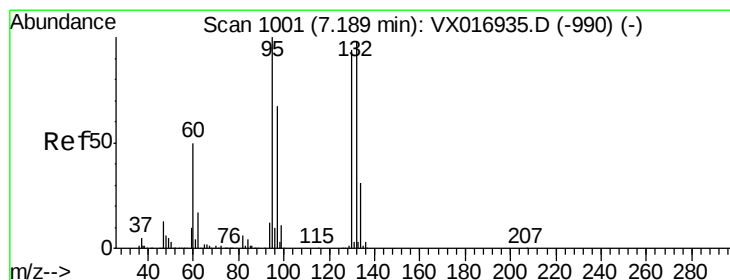
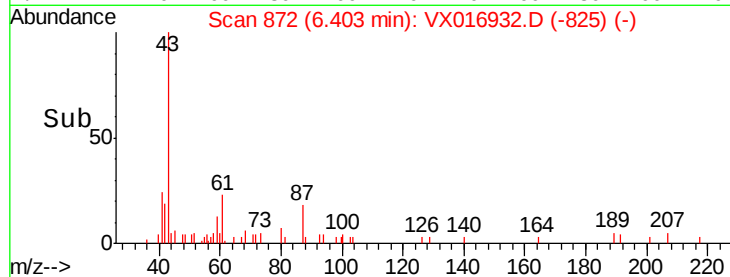
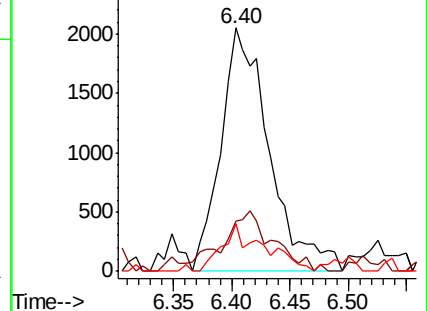
87 16.6 10.2 15.2#



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: 1.176 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016932.D

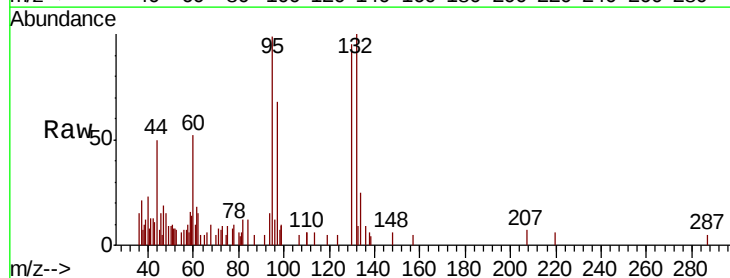
Acq: 23 Jun 2020 15:40

Tgt Ion: 130 Resp: 2465

Ion Ratio Lower Upper

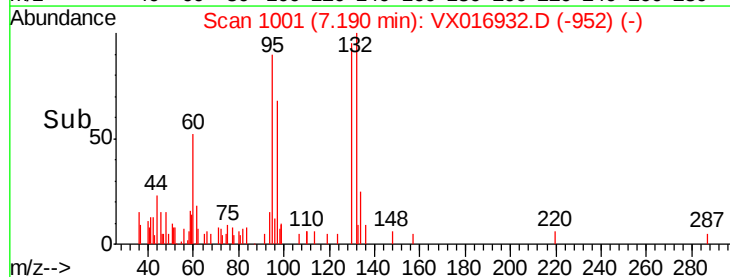
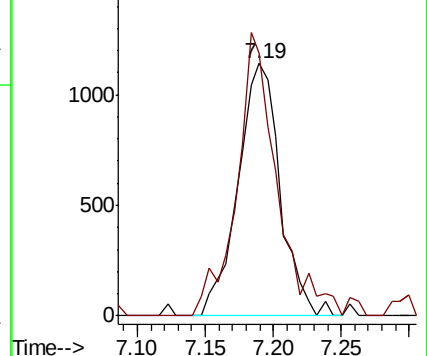
130 100

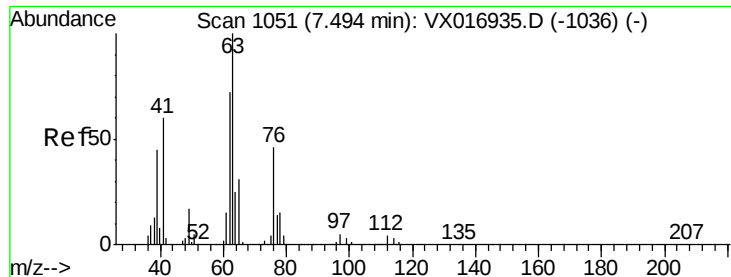
95 104.3 0.0 213.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.105 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

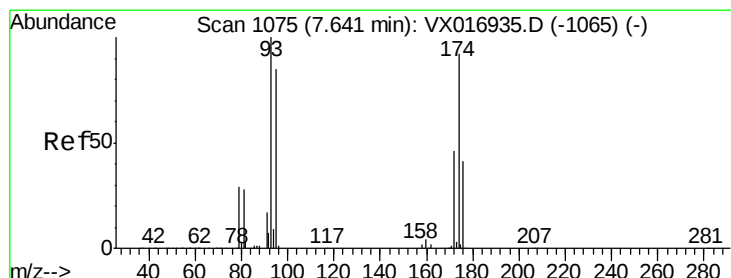
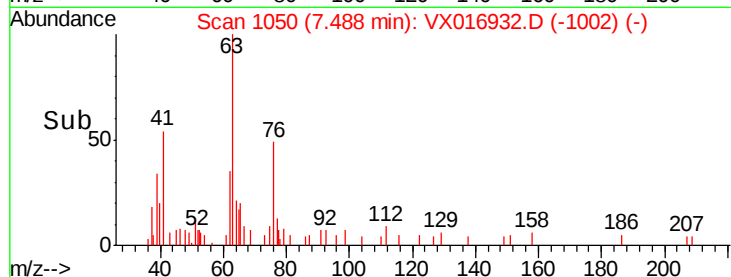
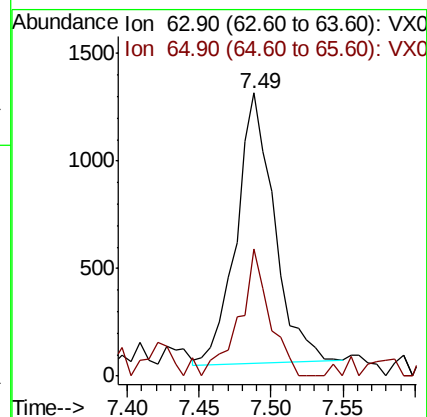
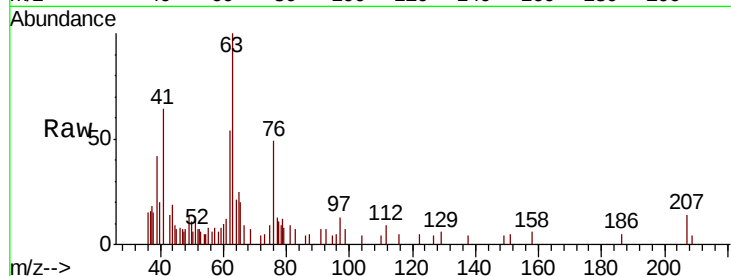
VSTDIC001

Tot Ion: 63 Resp: 2293

Ion Ratio Lower Upper

63 100

65 47.3 24.4 36.6#



#46

Dibromomethane

Concen: 1.166 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

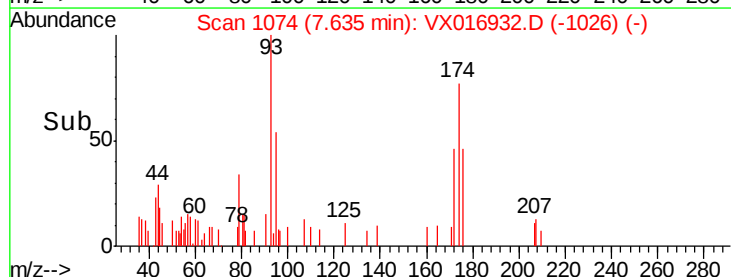
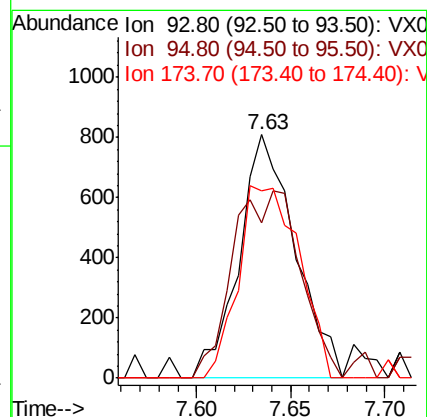
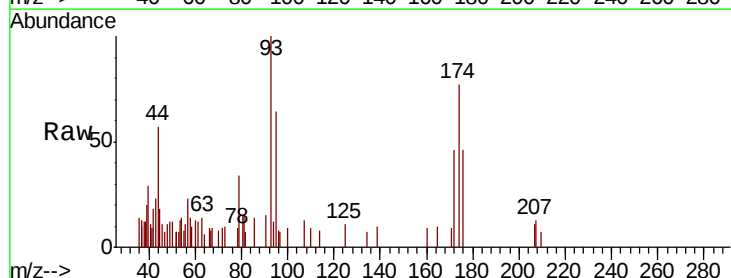
Tgt Ion: 93 Resp: 1672

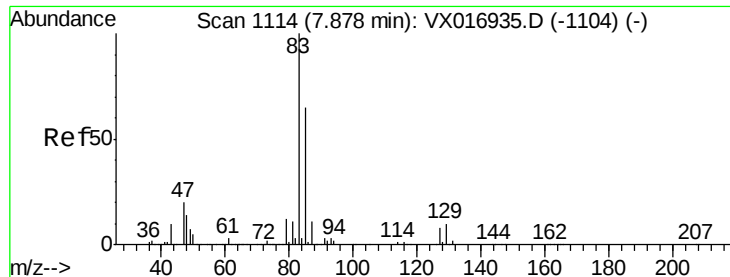
Ion Ratio Lower Upper

93 100

95 93.4 66.3 99.5

174 85.3 71.1 106.7





#47

Bromodichloromethane

Concen: 1.162 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

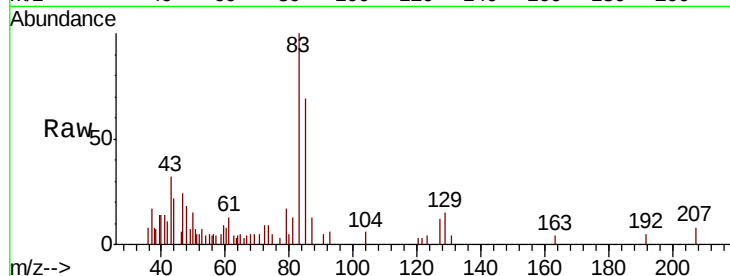
Tot Ion: 83 Resp: 3496

Ion Ratio Lower Upper

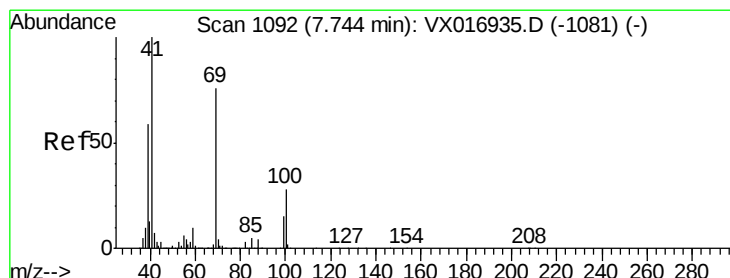
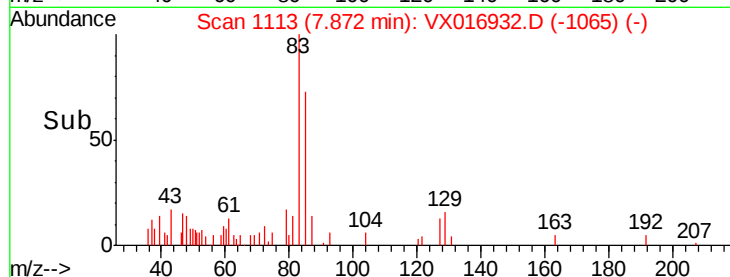
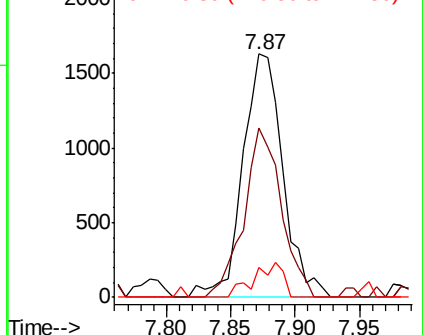
83 100

85 69.4 52.4 78.6

127 12.5 6.7 10.1#



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



#48

Methyl methacrylate

Concen: 1.009 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

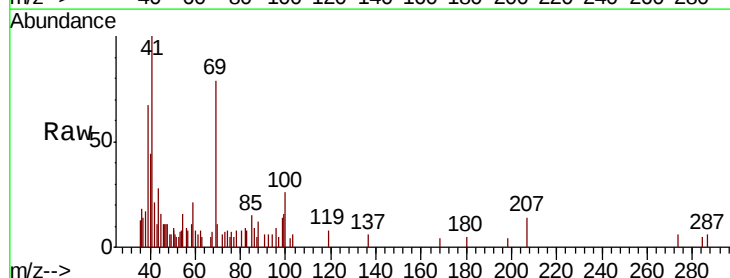
Tgt Ion: 41 Resp: 2348

Ion Ratio Lower Upper

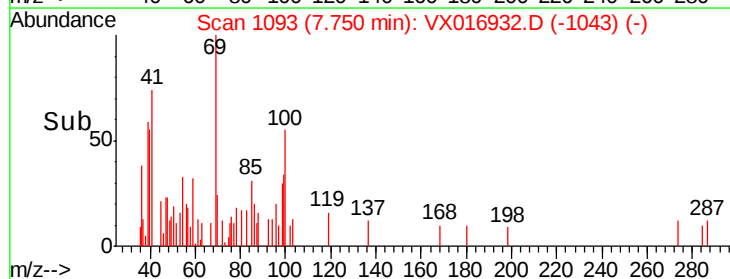
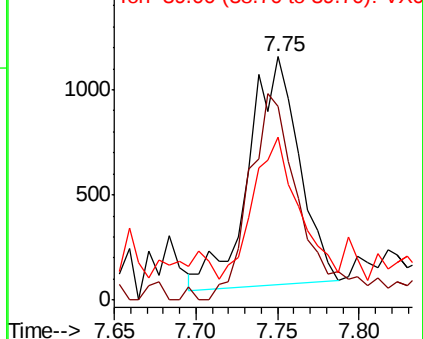
41 100

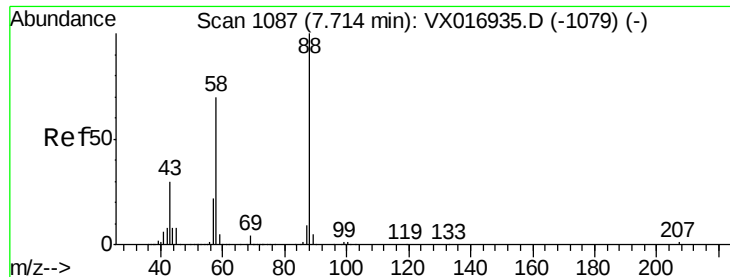
69 92.8 62.5 93.7

39 59.1 49.1 73.7



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





#49

1,4-Dioxane

Concen: 26.731 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.02 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

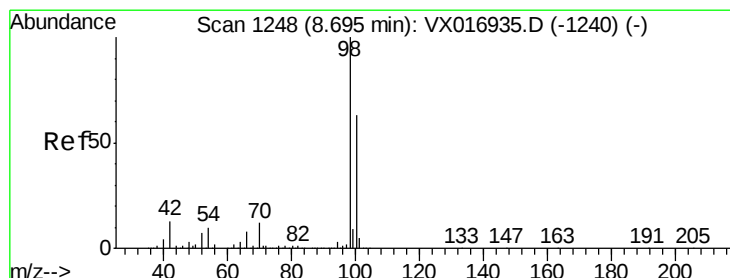
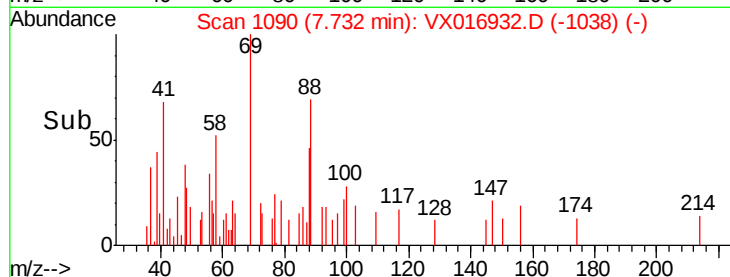
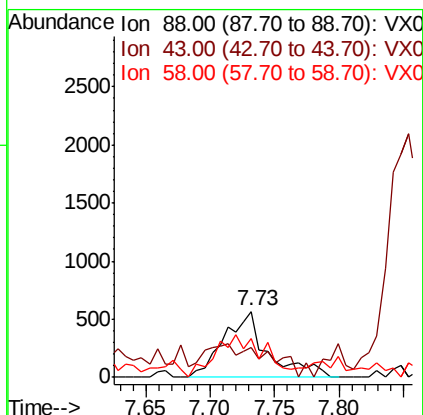
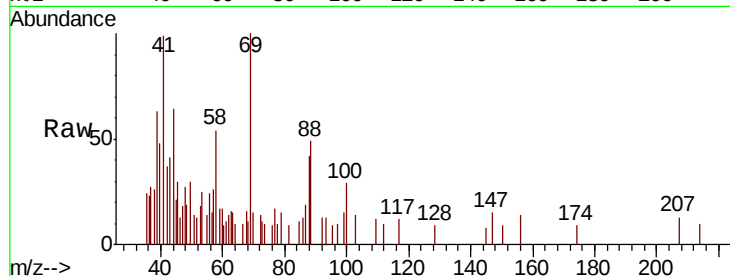
Tot Ion: 88 Resp: 1338

Ion Ratio Lower Upper

88 100

43 74.1 27.3 40.9#

58 71.7 57.4 86.0



#50

Toluene-d8

Concen: 1.235 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016932.D

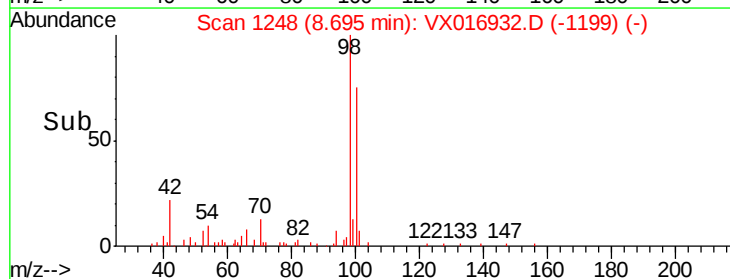
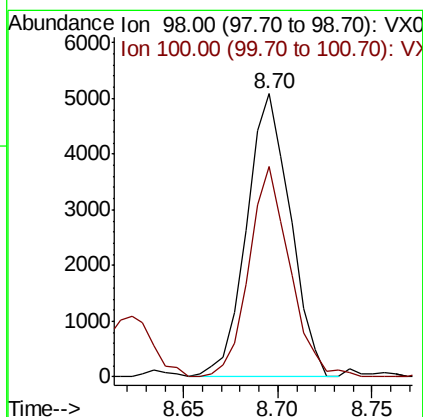
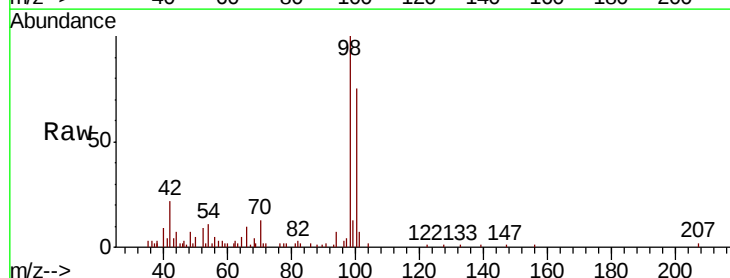
Acq: 23 Jun 2020 15:40

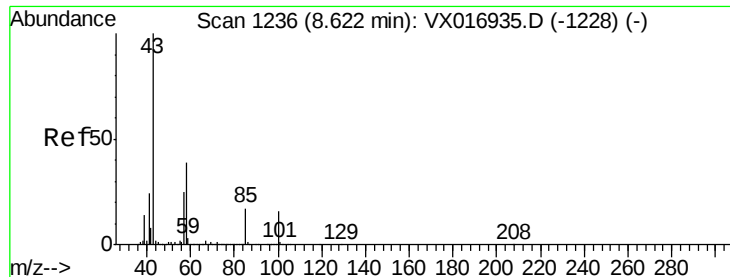
Tgt Ion: 98 Resp: 8176

Ion Ratio Lower Upper

98 100

100 69.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 4.333 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

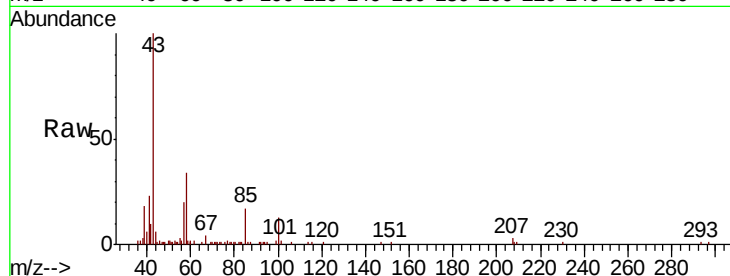
VSTDIC001

Tot Ion: 43 Resp: 12634

Ion Ratio Lower Upper

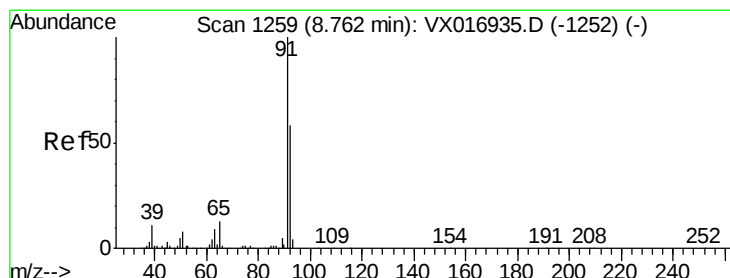
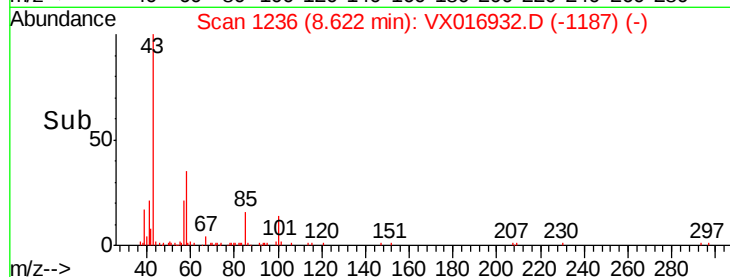
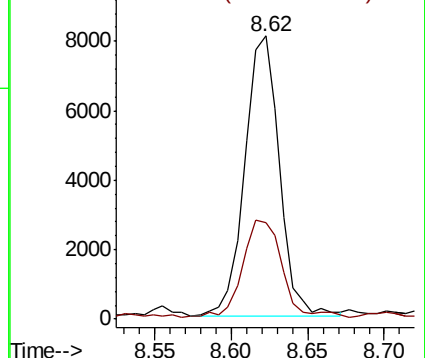
43 100

58 39.6 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.155 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016932.D

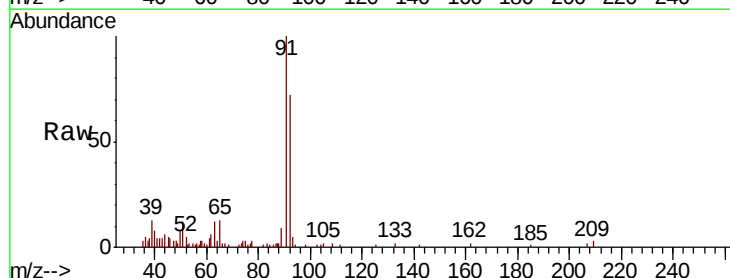
Acq: 23 Jun 2020 15:40

Tgt Ion: 92 Resp: 5315

Ion Ratio Lower Upper

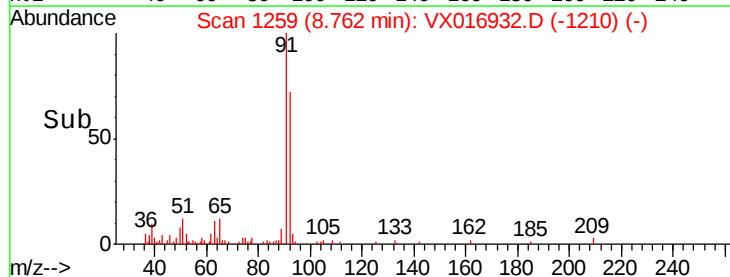
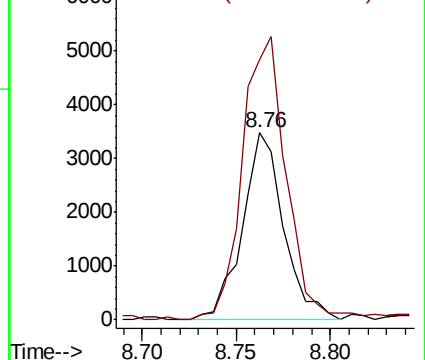
92 100

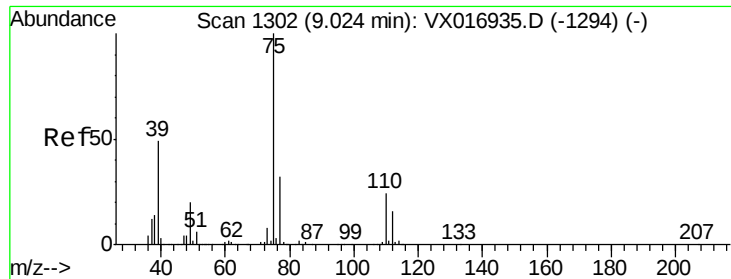
91 161.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

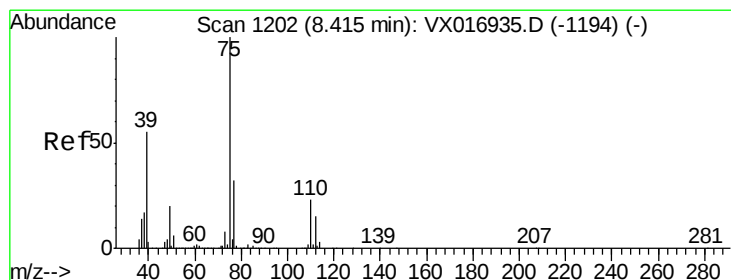
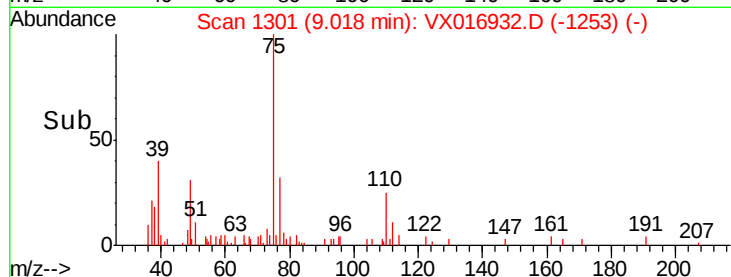
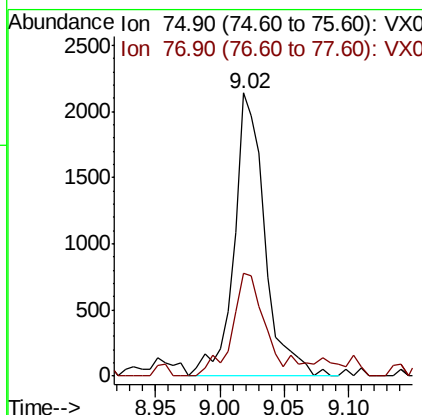
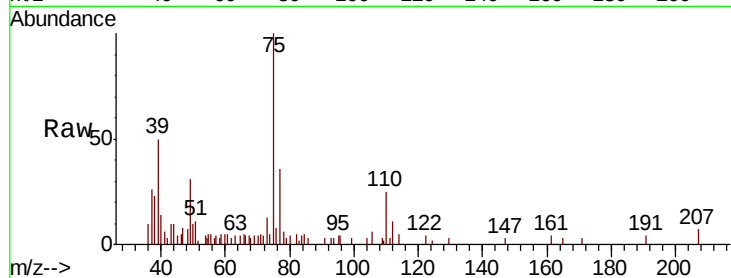




#53
 t-1,3-Dichloropropene
 Concen: 1.022 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

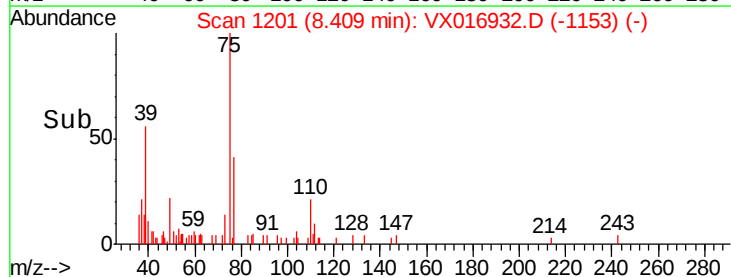
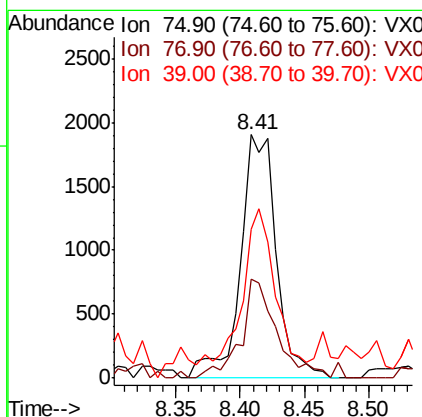
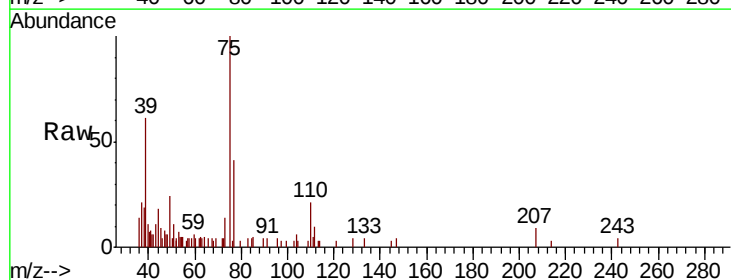
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

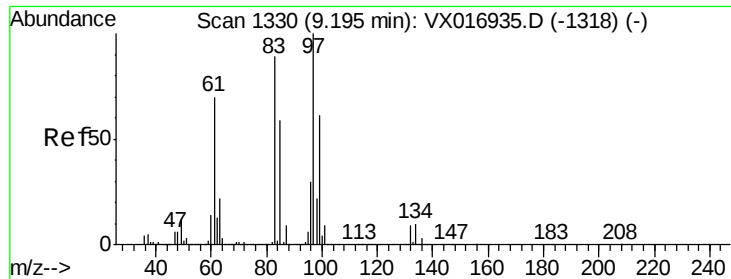
Tot Ion: 75 Resp: 3539
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 1.097 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

Tgt Ion: 75 Resp: 3666
 Ion Ratio Lower Upper
 75 100
 77 40.7 25.5 38.3#
 39 53.1 44.4 66.6

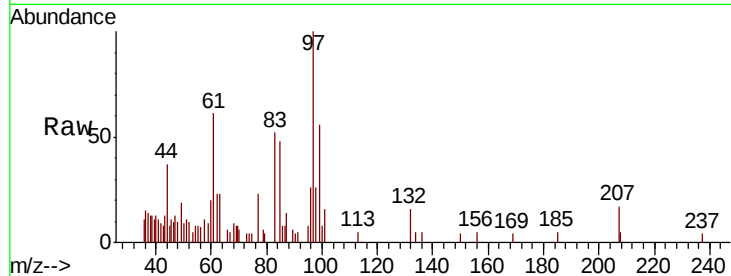




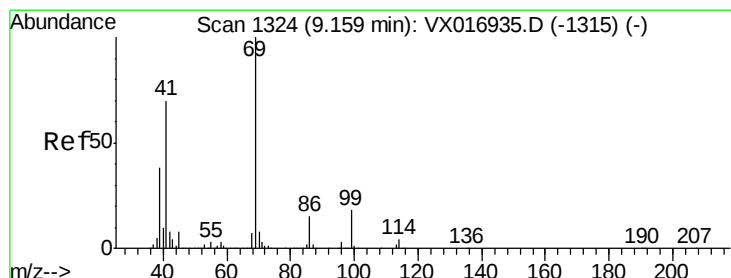
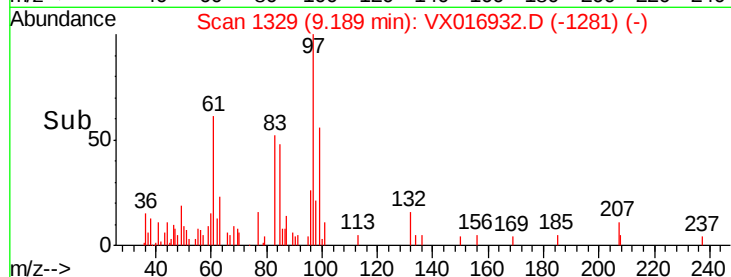
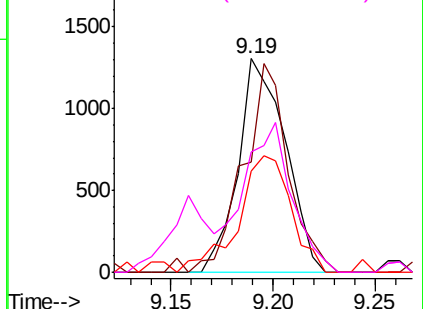
#55
 1,1,2-Trichloroethane
 Concen: 1.007 ug/l
 RT: 9.19 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	97	Resp:	2099
Ion	Ratio	Lower	Upper
97	100		
83	51.8	71.3	106.9#
85	47.7	47.4	71.2
99	56.2	49.1	73.7

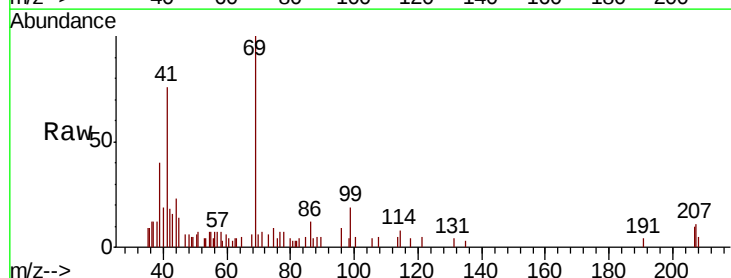


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

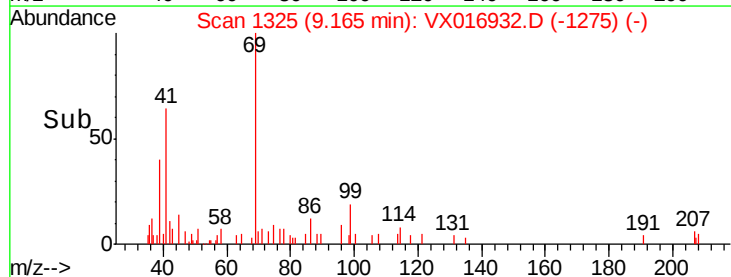
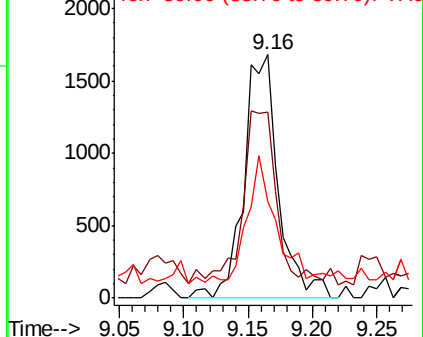


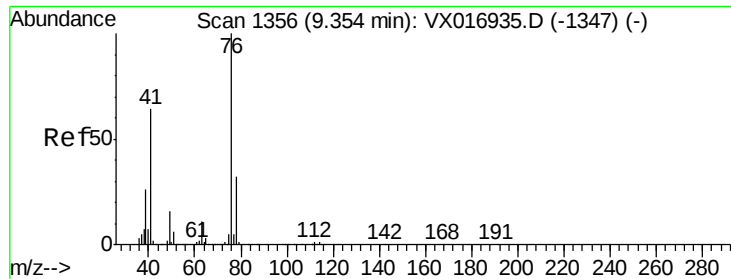
#56
 Ethyl methacrylate
 Concen: 0.957 ug/l
 RT: 9.16 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

Tgt Ion:	69	Resp:	3089
Ion	Ratio	Lower	Upper
69	100		
41	73.8	56.6	84.8
39	39.9	31.8	47.8



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

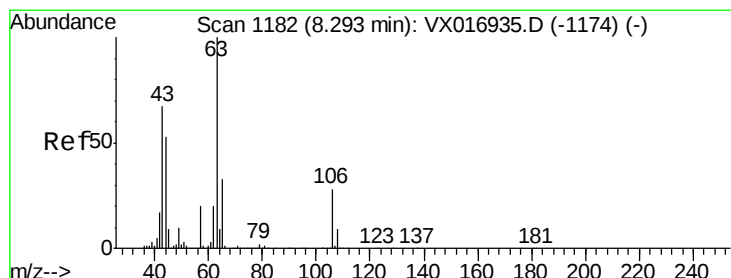
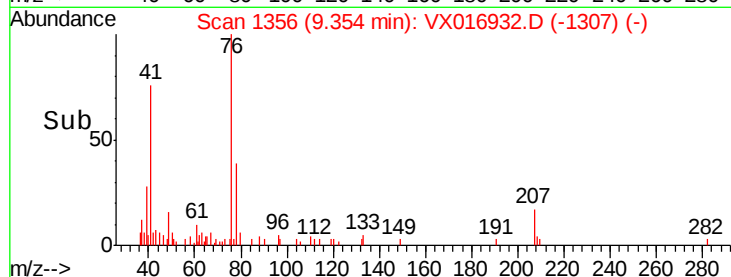
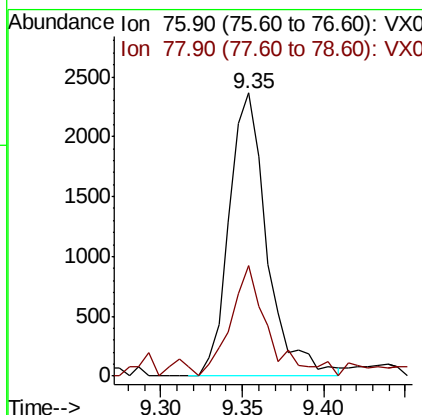
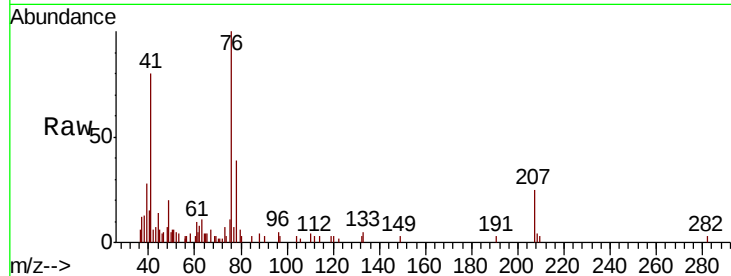




#57
 1,3-Dichloropropane
 Concen: 1.094 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

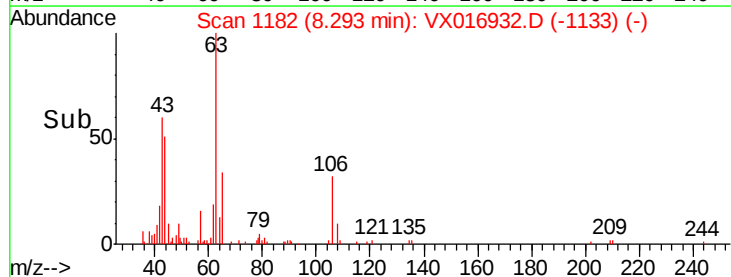
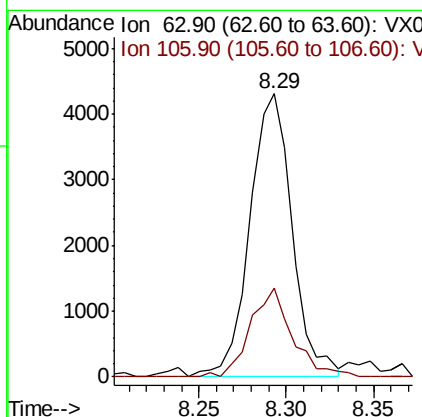
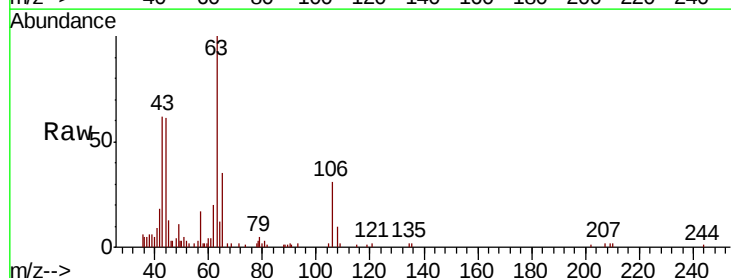
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

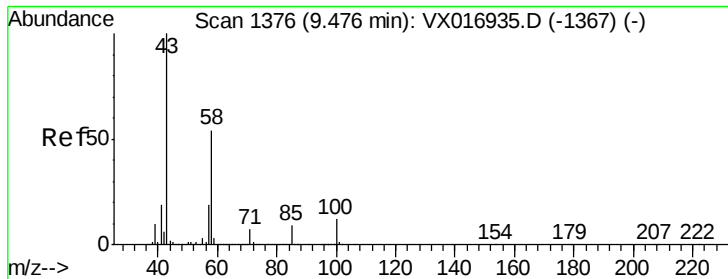
Tot Ion: 76 Resp: 3821
 Ion Ratio Lower Upper
 76 100
 78 38.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.478 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

Tgt Ion: 63 Resp: 7243
 Ion Ratio Lower Upper
 63 100
 106 31.3 22.4 33.6

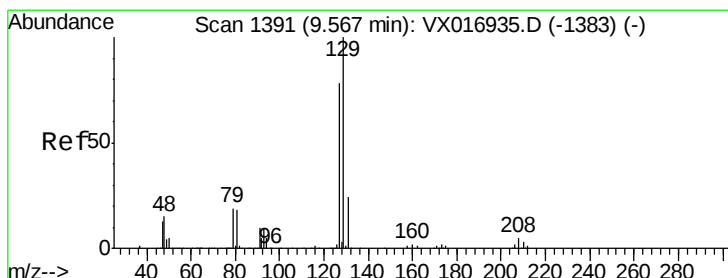
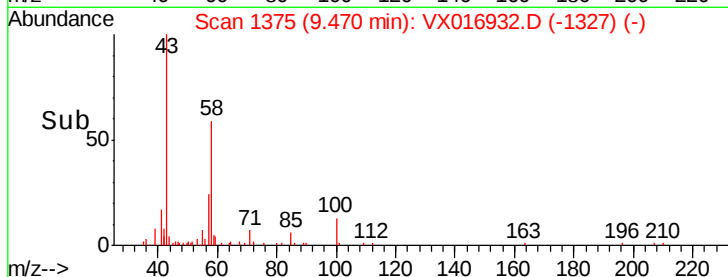
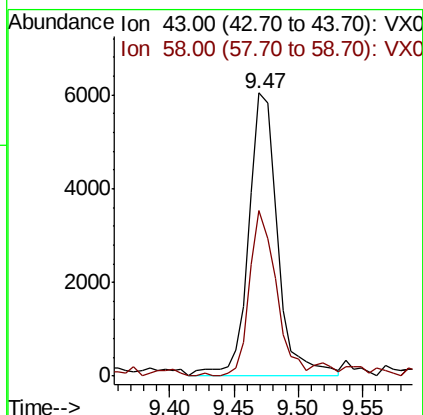
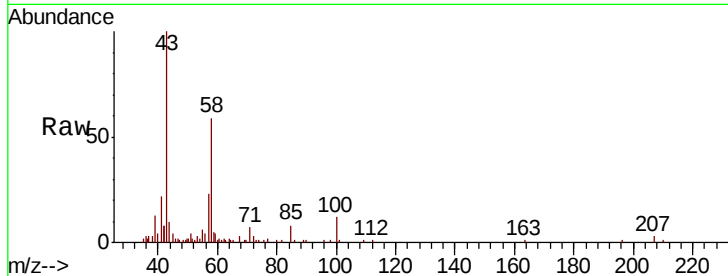




#59
2-Hexanone
Concen: 4.185 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

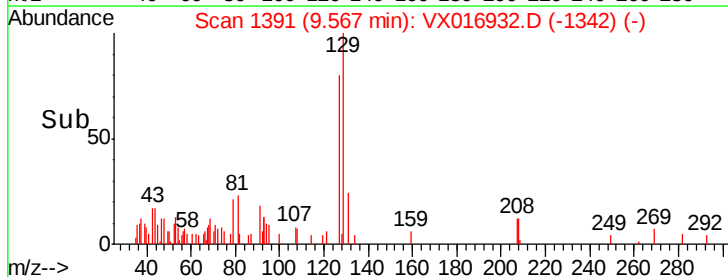
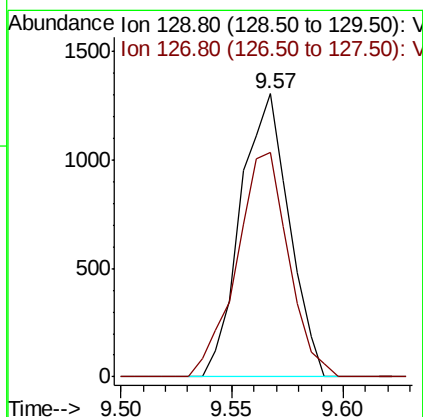
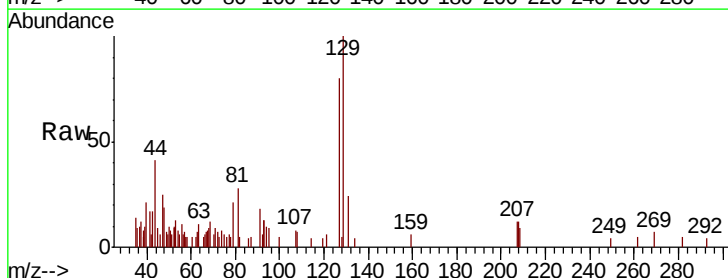
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

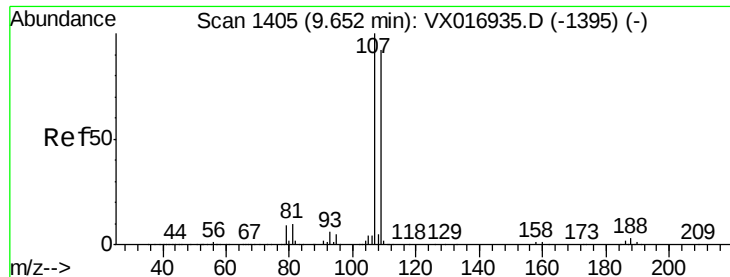
Tot Ion: 43 Resp: 9344
Ion Ratio Lower Upper
43 100
58 53.6 26.8 80.4



#60
Dibromochloromethane
Concen: 0.868 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Tgt Ion: 129 Resp: 1979
Ion Ratio Lower Upper
129 100
127 84.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 1.113 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

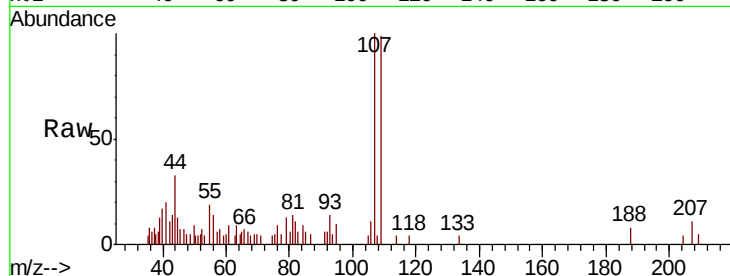
VSTDIC001

Tot Ion:107 Resp: 2388

Ion Ratio Lower Upper

107 100

109 92.4 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

1500

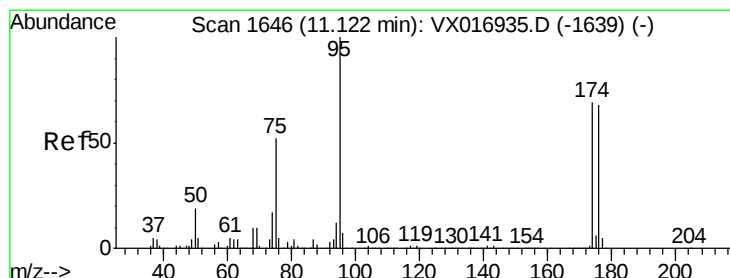
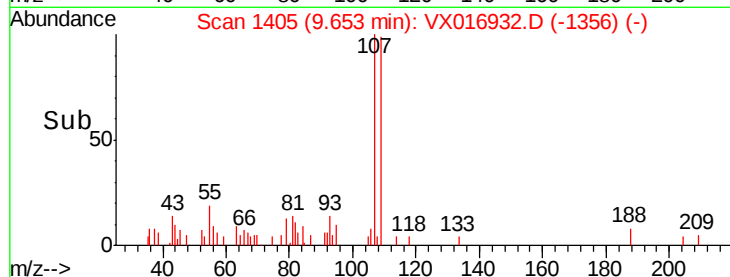
1000

500

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 1.531 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

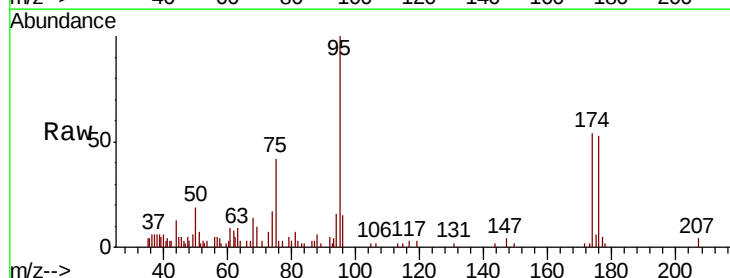
Tgt Ion: 95 Resp: 4081

Ion Ratio Lower Upper

95 100

174 72.4 0.0 138.0

176 73.8 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

4000

3000

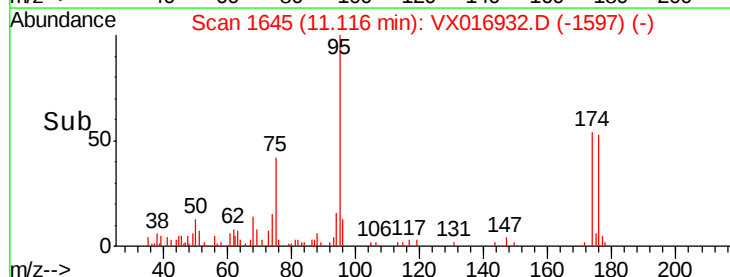
2000

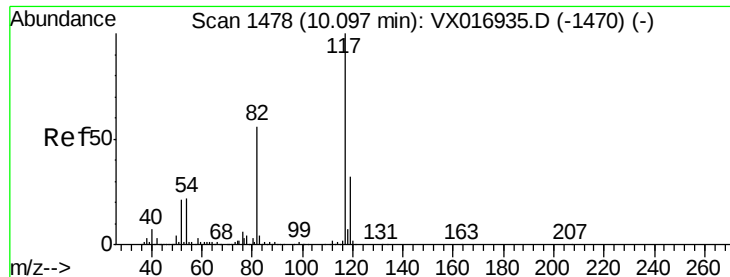
1000

0

11.10 11.15

Time-->

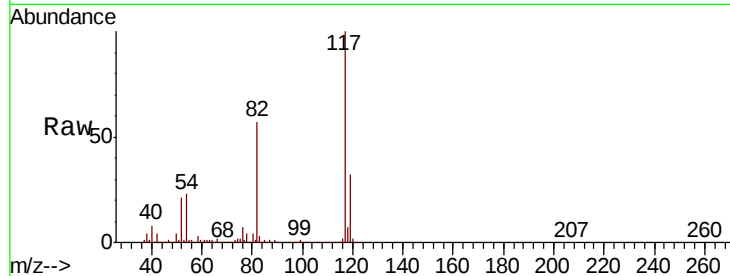




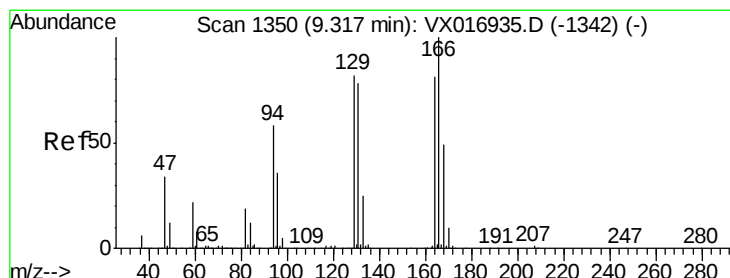
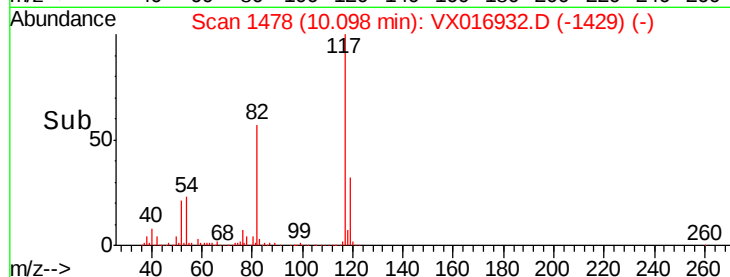
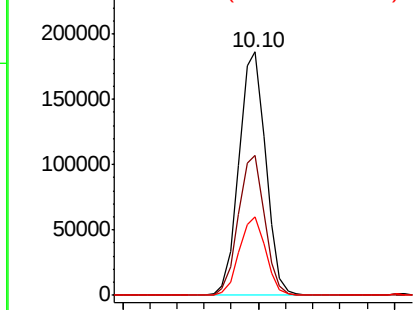
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 254717
Ion Ratio Lower Upper
117 100
82 57.4 44.7 67.1
119 32.2 25.4 38.0

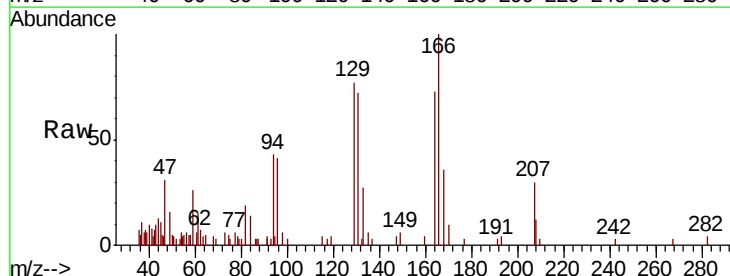


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

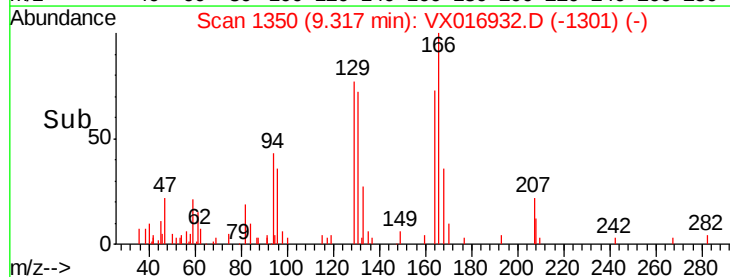
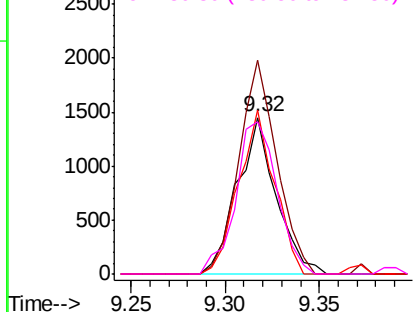


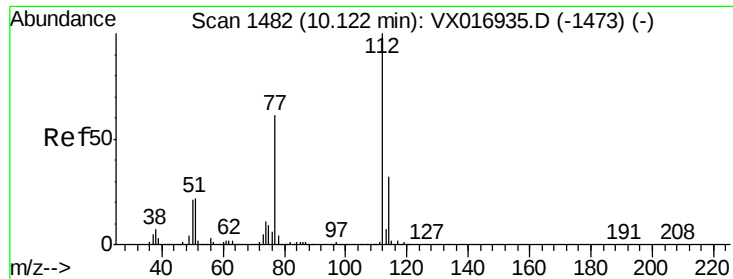
#64
Tetrachloroethene
Concen: 1.200 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Tgt Ion:164 Resp: 2075
Ion Ratio Lower Upper
164 100
166 136.2 99.3 148.9
129 104.6 81.4 122.0
131 97.5 77.6 116.4



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

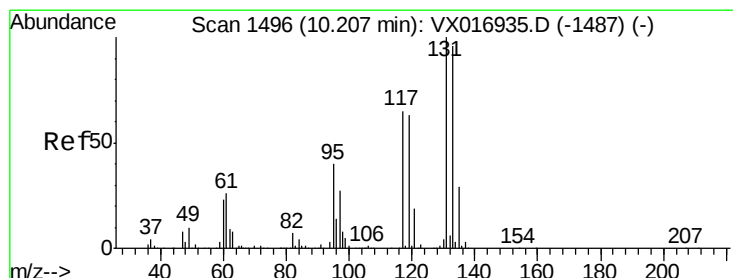
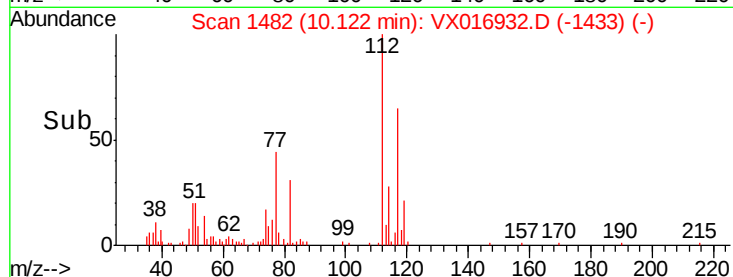
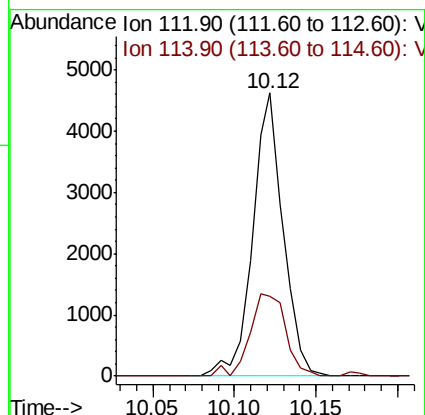
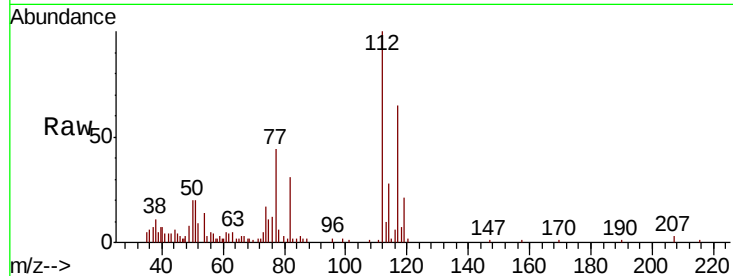




#65
Chlorobenzene
Concen: 1.150 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

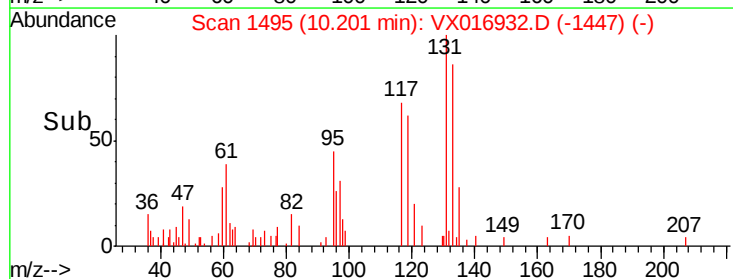
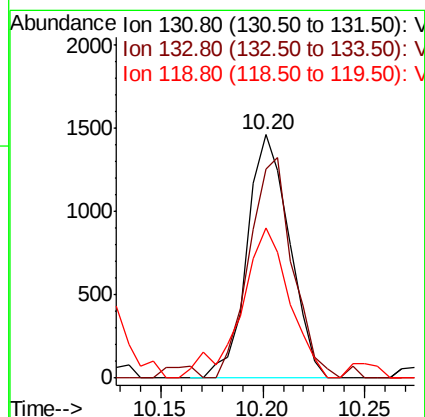
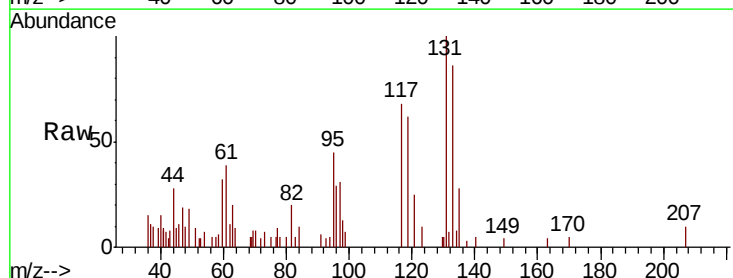
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

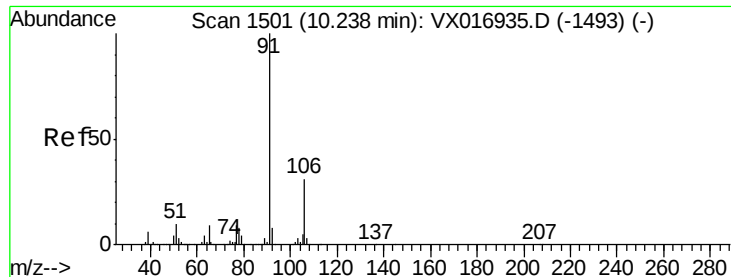
Tot Ion:112 Resp: 5982
Ion Ratio Lower Upper
112 100
114 28.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 1.044 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Tgt Ion:131 Resp: 2104
Ion Ratio Lower Upper
131 100
133 93.3 48.3 144.9
119 0.0 32.7 98.1#





#67

Ethyl Benzene

Concen: 1.003 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

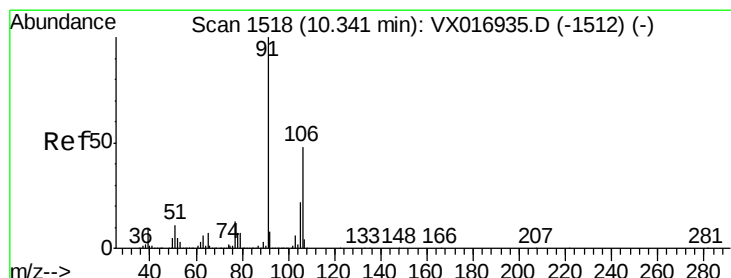
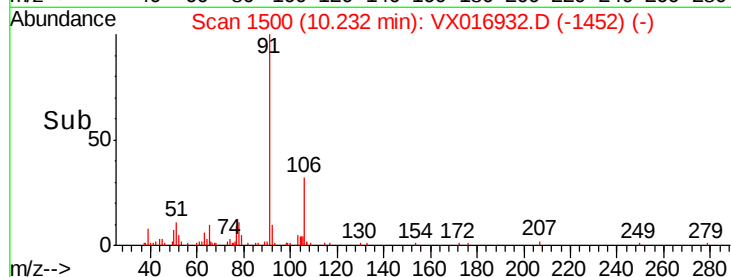
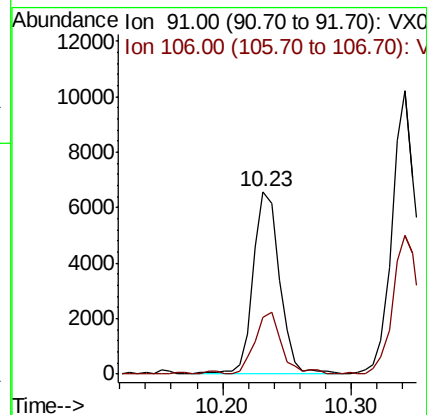
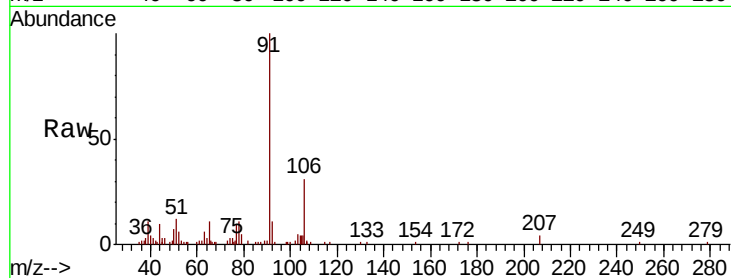
VSTDIC001

Tot Ion: 91 Resp: 9329

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 2.076 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016932.D

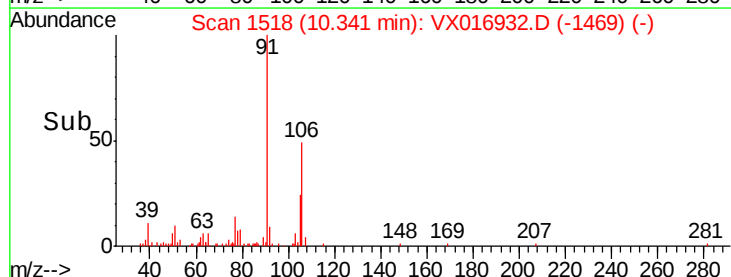
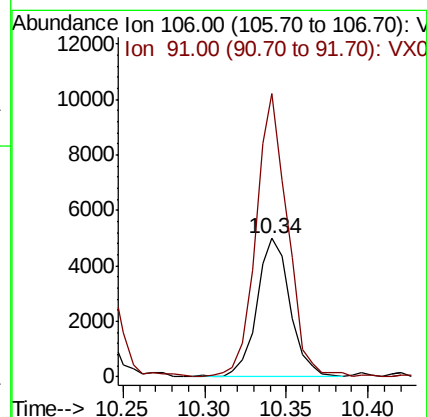
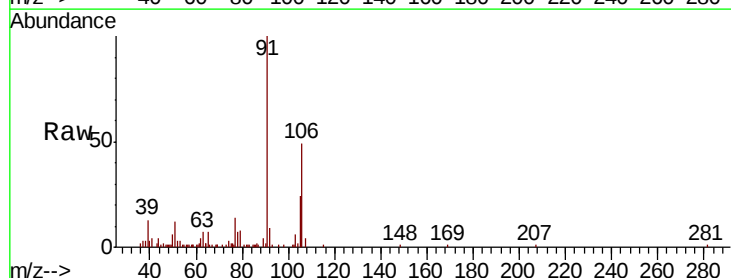
Acq: 23 Jun 2020 15:40

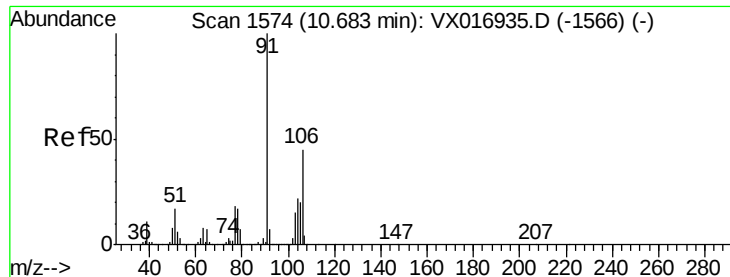
Tgt Ion: 106 Resp: 7093

Ion Ratio Lower Upper

106 100

91 194.2 166.2 249.2

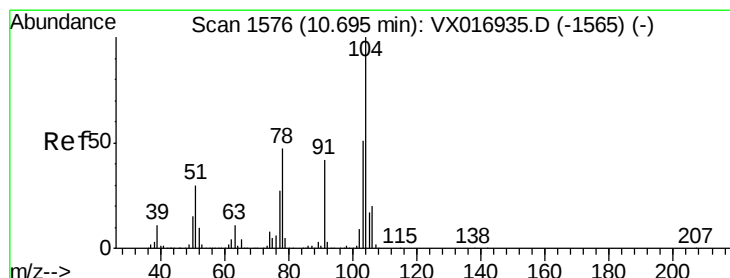
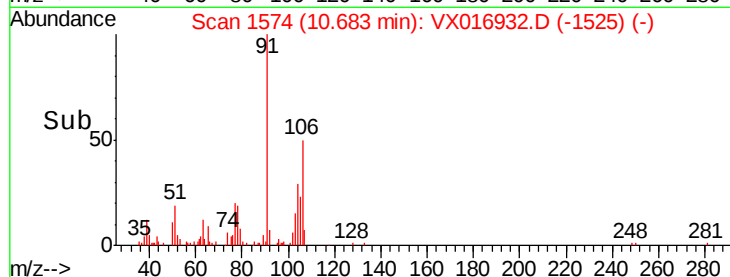
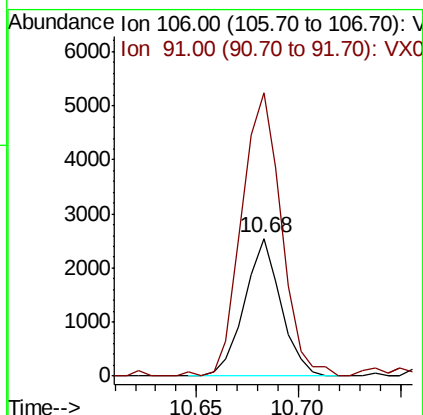
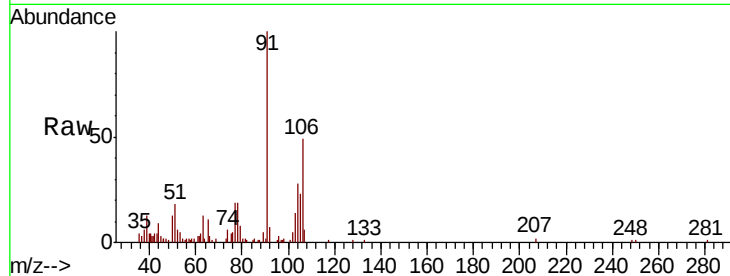




#69
o-Xylene
Concen: 0.969 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

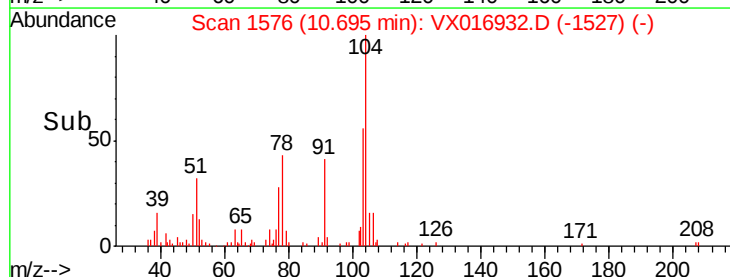
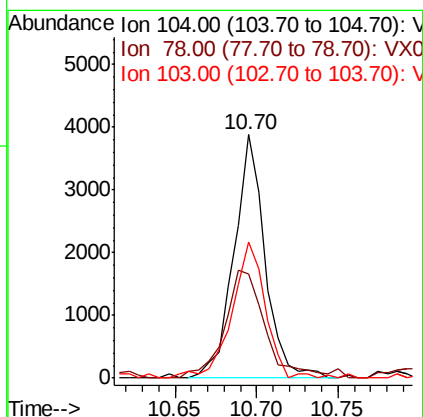
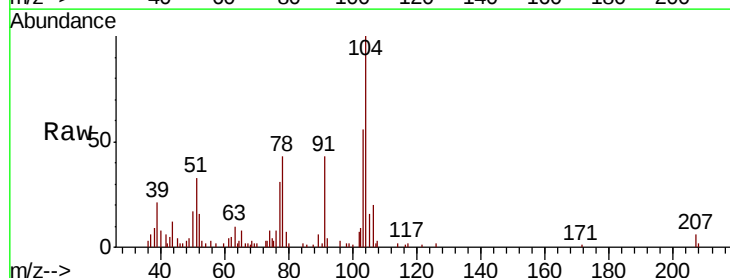
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

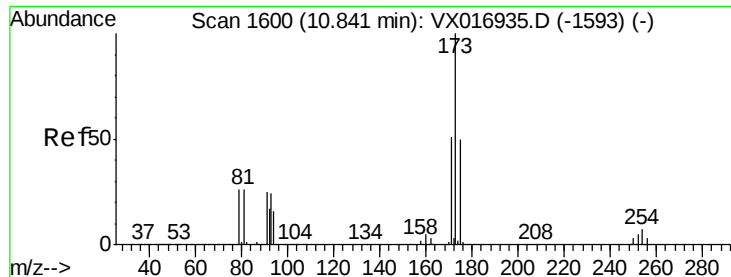
Tot Ion:106 Resp: 3164
Ion Ratio Lower Upper
106 100
91 224.1 109.8 329.4



#70
Styrene
Concen: 0.925 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Tgt Ion:104 Resp: 5136
Ion Ratio Lower Upper
104 100
78 58.8 41.6 62.4
103 59.7 42.7 64.1





#71

Bromoform

Concen: 0.973 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

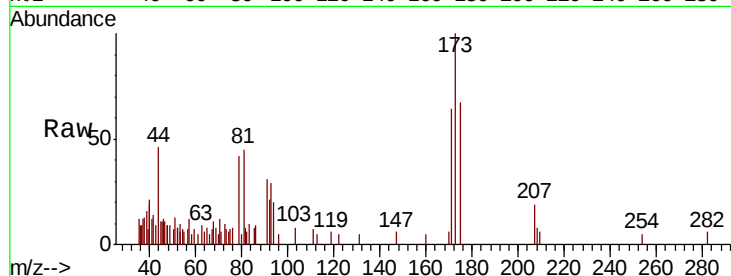
Tot Ion:173 Resp: 1458

Ion Ratio Lower Upper

173 100

175 54.5 24.3 72.9

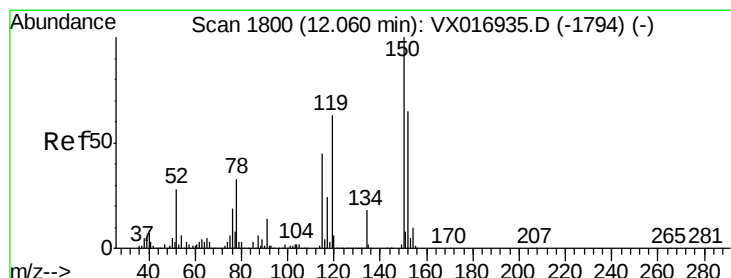
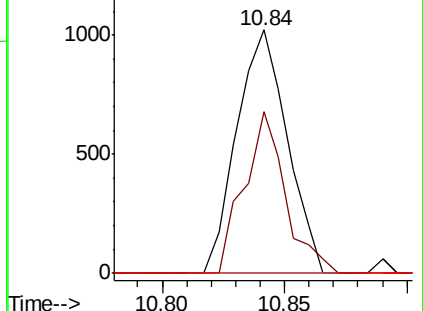
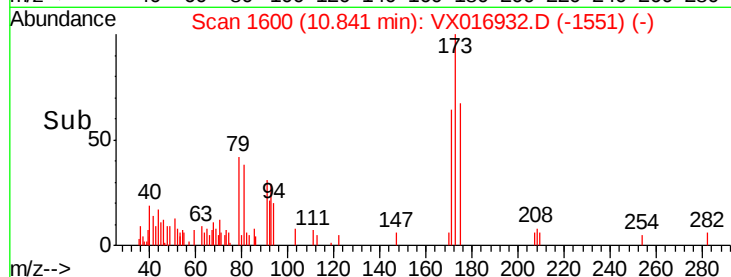
254 0.0 0.1 0.1#



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: VX016932.D

Acq: 23 Jun 2020 15:40

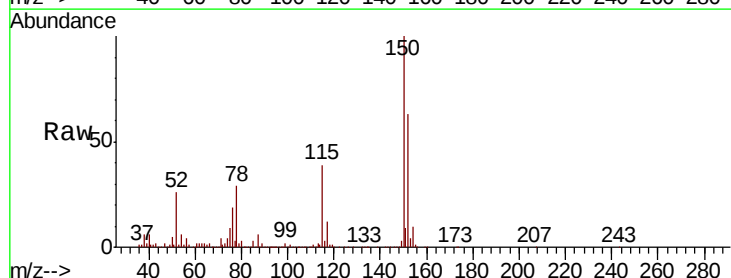
Tgt Ion:152 Resp: 120528

Ion Ratio Lower Upper

152 100

115 61.0 43.1 129.4

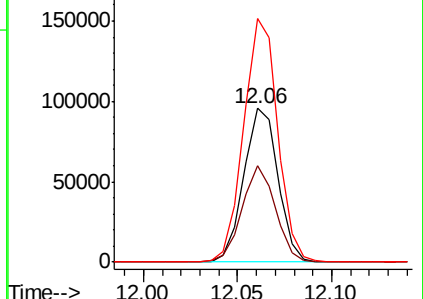
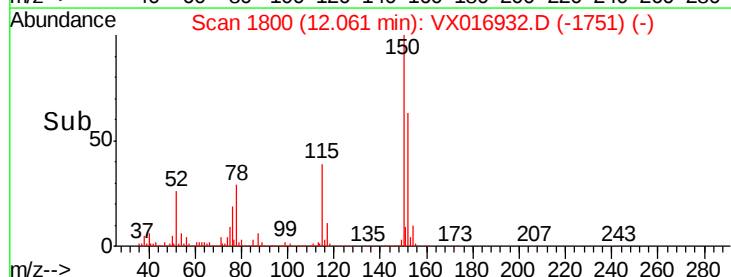
150 156.8 0.0 346.0

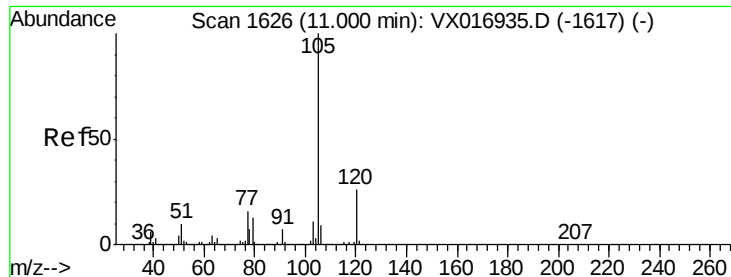


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.006 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

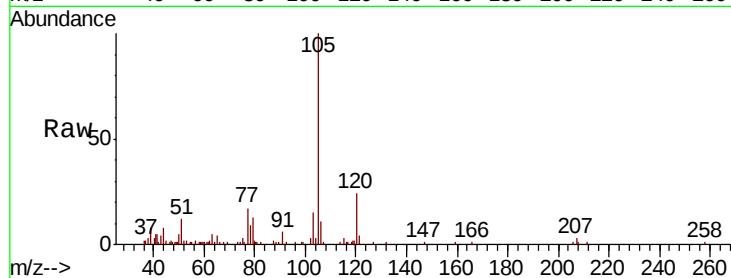
VSTDIC001

Tot Ion:105 Resp: 8993

Ion Ratio Lower Upper

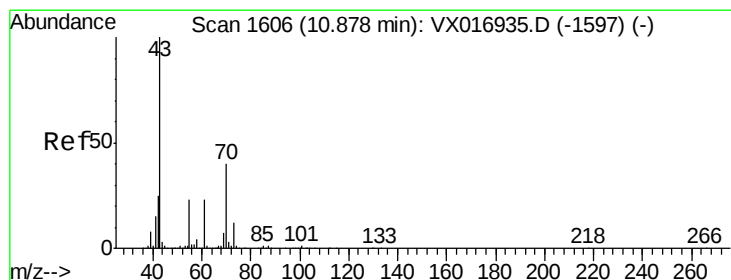
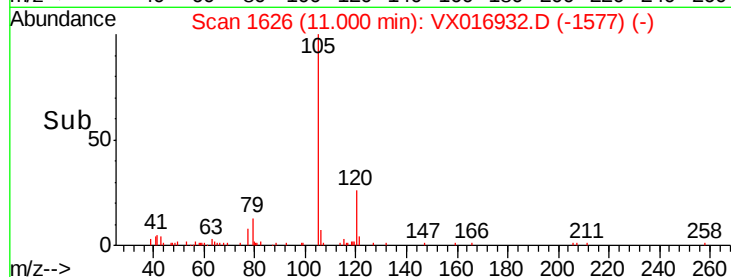
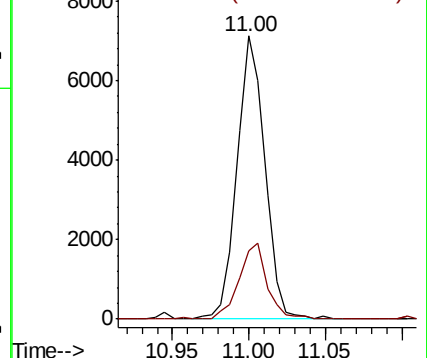
105 100

120 26.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.853 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Tgt Ion: 43 Resp: 3816

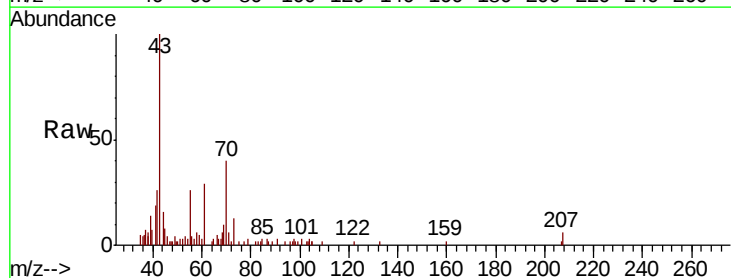
Ion Ratio Lower Upper

43 100

70 48.6 32.6 49.0

55 34.8 18.8 28.2#

61 28.5 18.9 28.3#

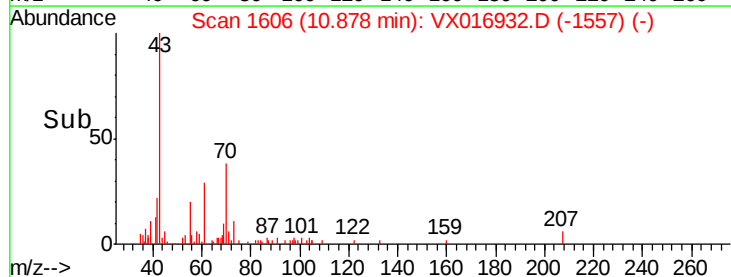
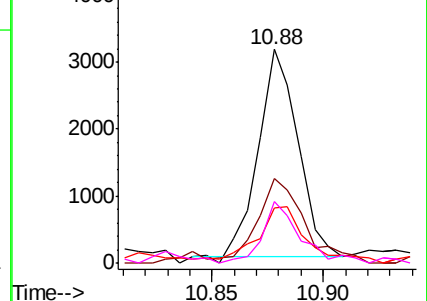


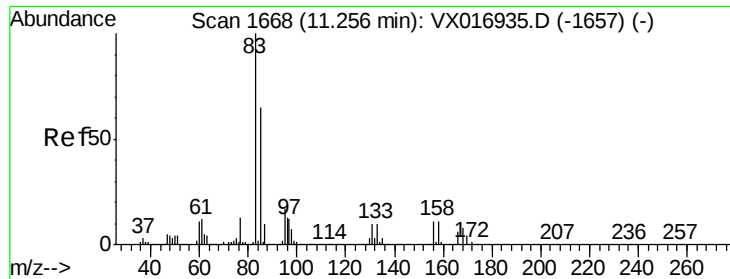
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.992 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

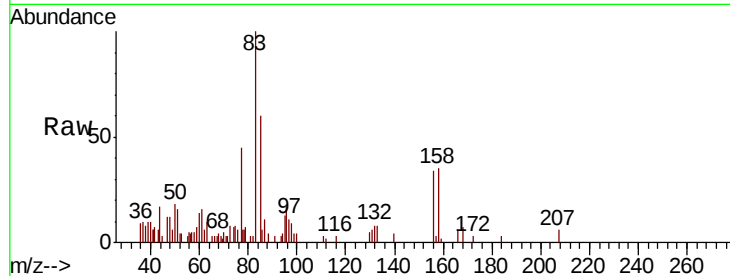
Tot Ion: 83 Resp: 2970

Ion	Ratio	Lower	Upper
83	100		
131	12.4	5.1	15.2
85	68.3	32.3	96.8

83 100

131 12.4 5.1 15.2

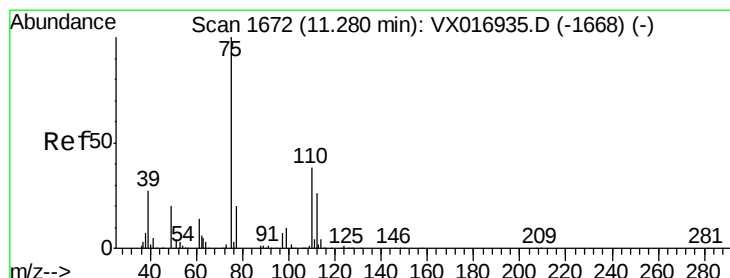
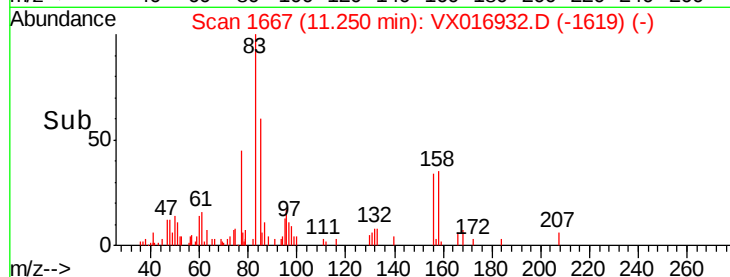
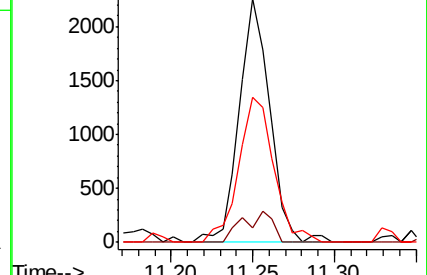
85 68.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.996 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016932.D

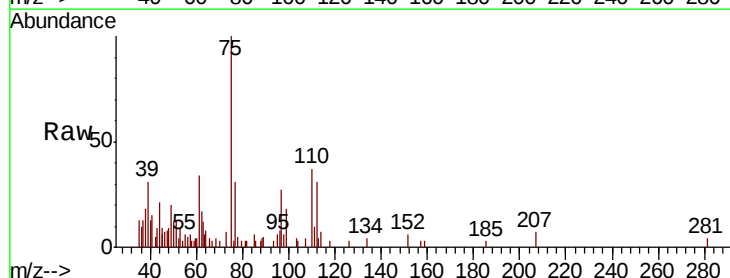
Acq: 23 Jun 2020 15:40

Tgt Ion: 75 Resp: 3436

Ion	Ratio	Lower	Upper
75	100		
77	34.7	20.1	60.3

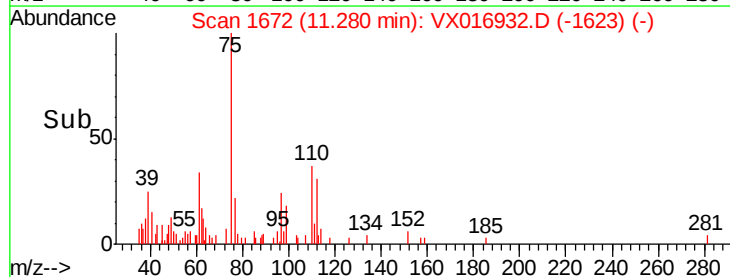
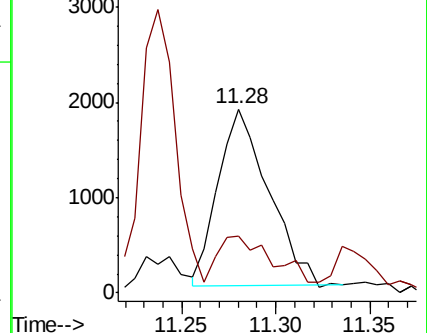
75 100

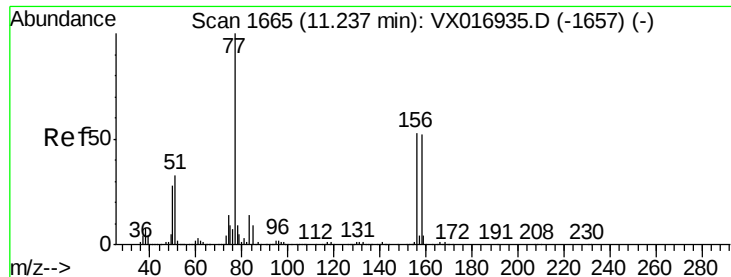
77 34.7 20.1 60.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.156 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

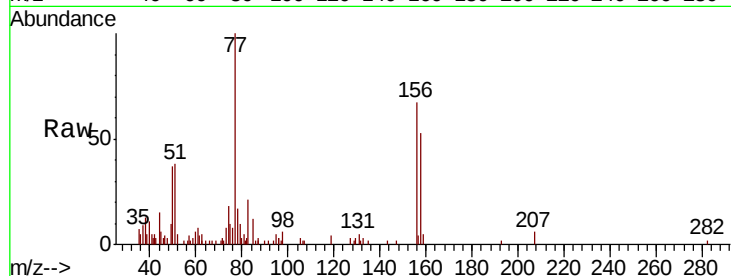
Tot Ion:156 Resp: 2539

Ion Ratio Lower Upper

156 100

77 160.5 91.0 273.1

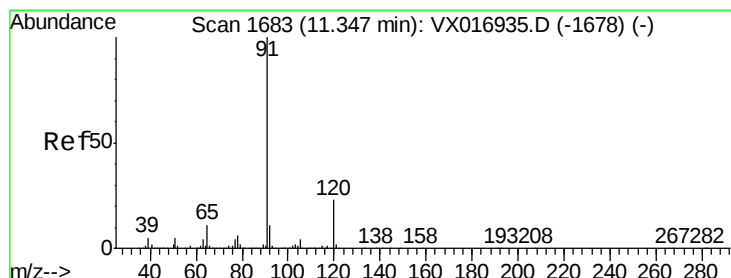
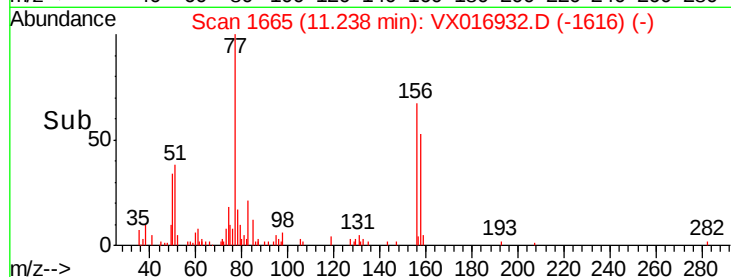
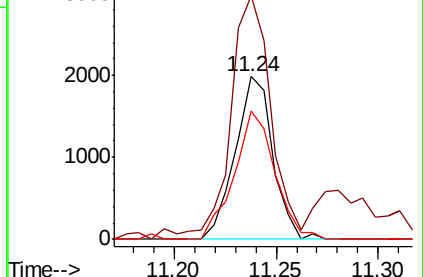
158 85.0 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.019 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX016932.D

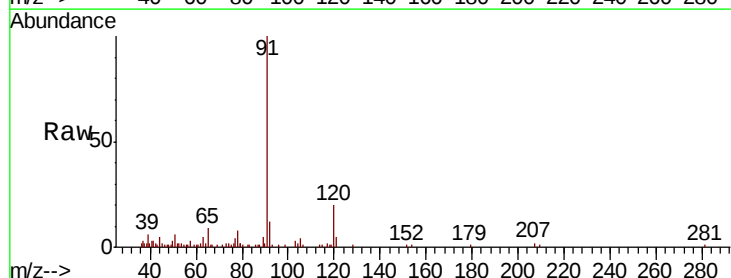
Acq: 23 Jun 2020 15:40

Tgt Ion: 91 Resp: 10392

Ion Ratio Lower Upper

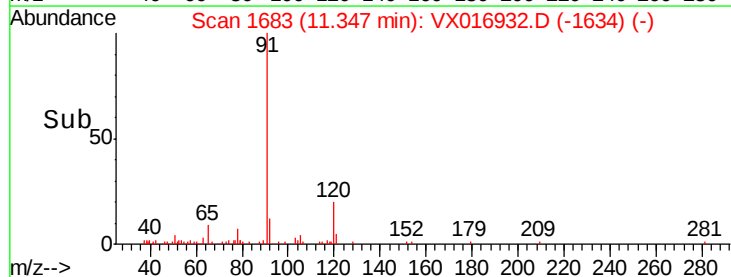
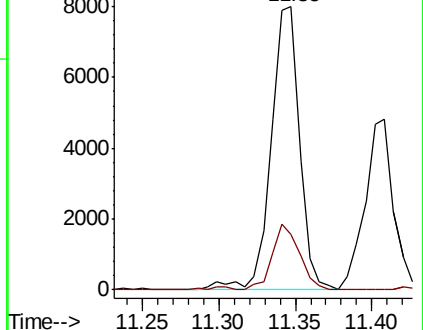
91 100

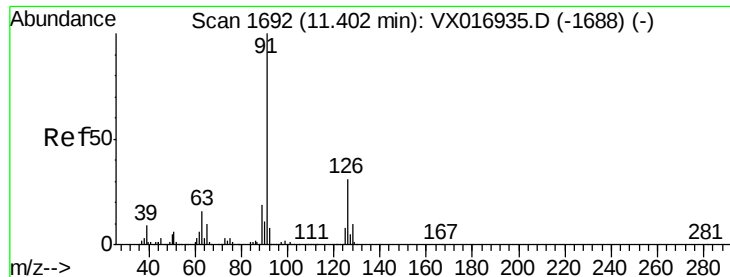
120 22.1 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

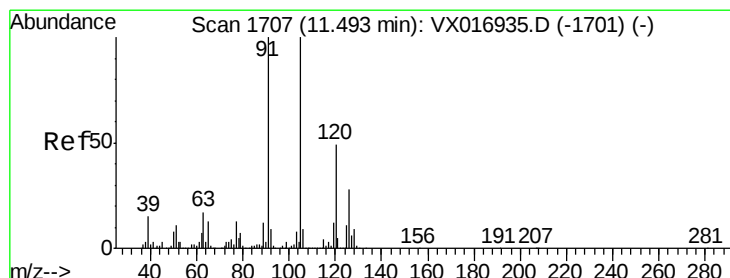
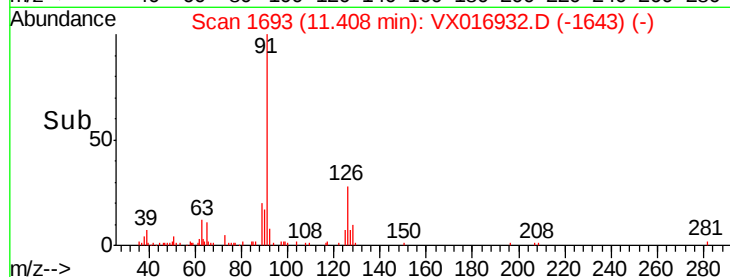
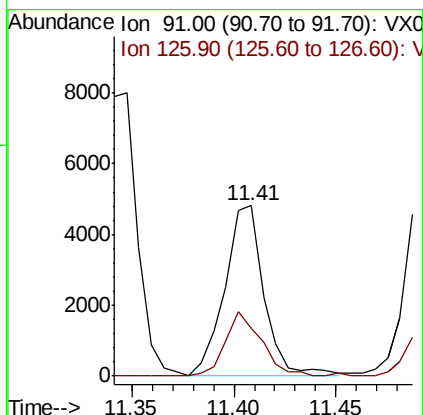
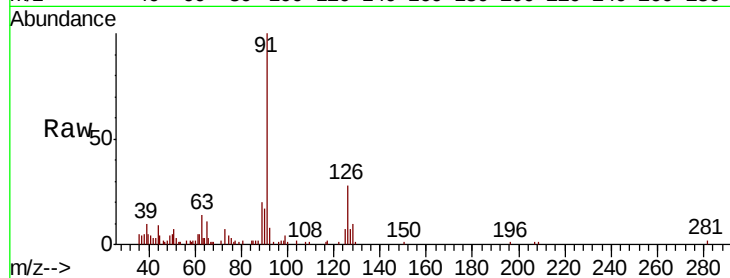




#79
 2-Chlorotoluene
 Concen: 0.998 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

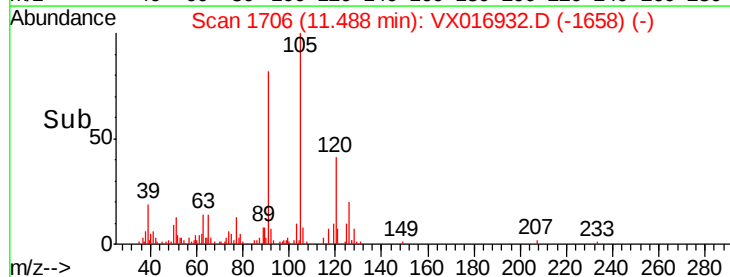
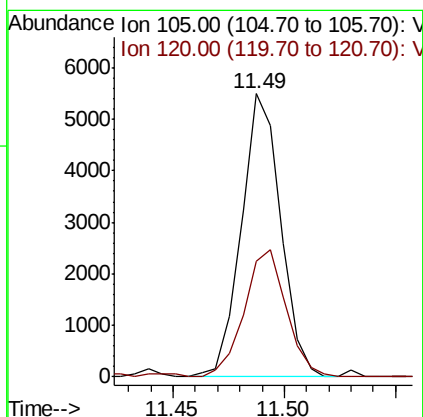
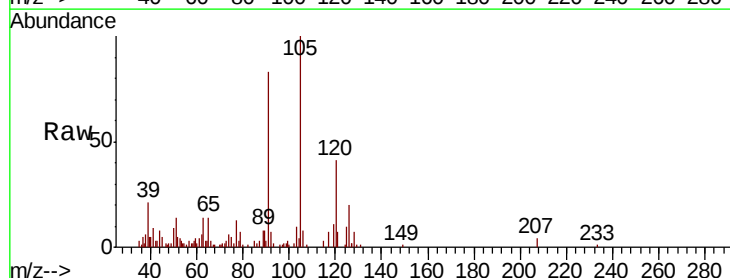
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

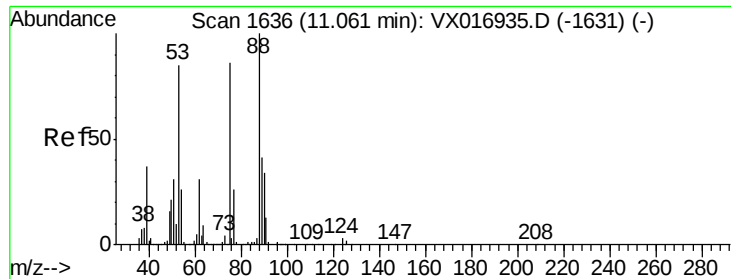
Tot Ion: 91 Resp: 6444
 Ion Ratio Lower Upper
 91 100
 126 34.4 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 0.899 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

Tgt Ion: 105 Resp: 6768
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 1.160 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

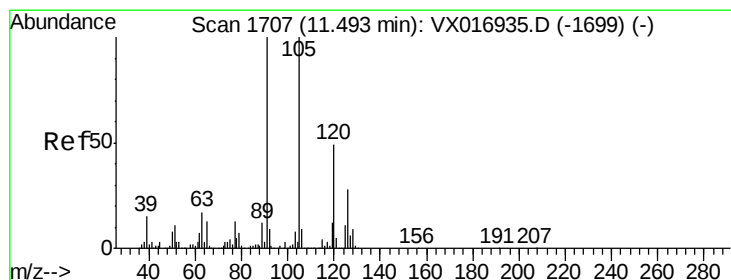
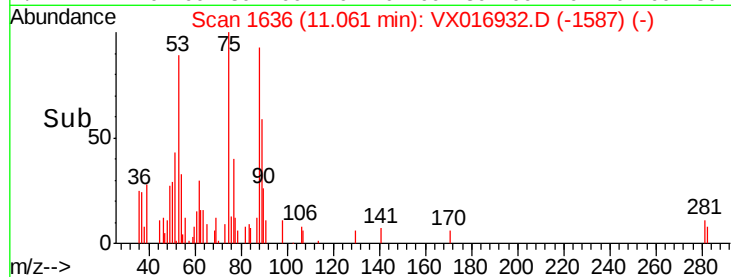
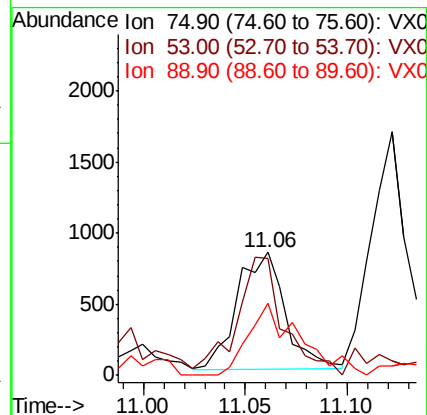
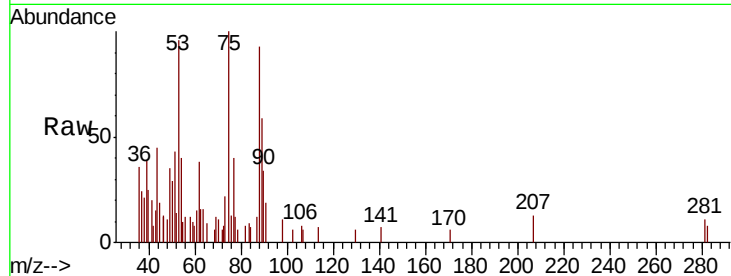
Tot Ion: 75 Resp: 1345

Ion Ratio Lower Upper

75 100

53 99.2 78.9 118.3

89 66.2 37.0 55.6#



#82

4-Chlorotoluene

Concen: 0.977 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016932.D

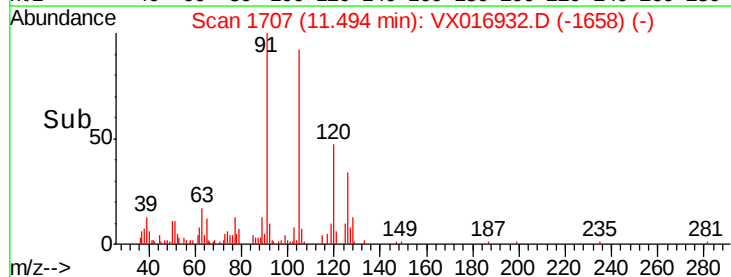
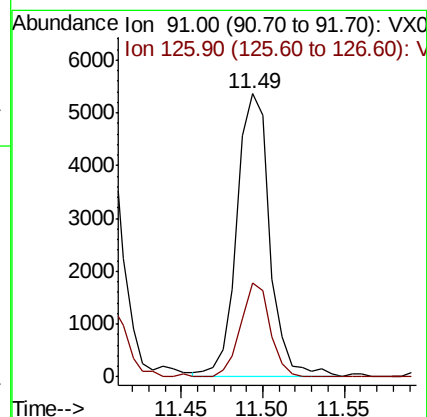
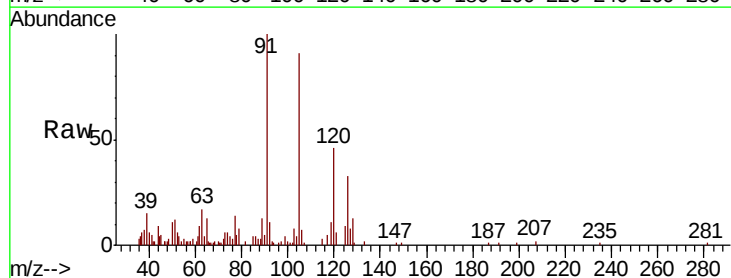
Acq: 23 Jun 2020 15:40

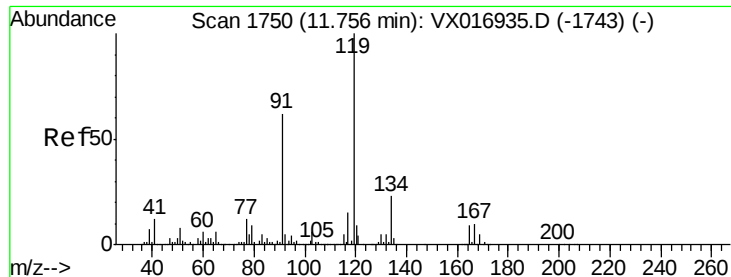
Tgt Ion: 91 Resp: 7552

Ion Ratio Lower Upper

91 100

126 29.7 14.1 42.4

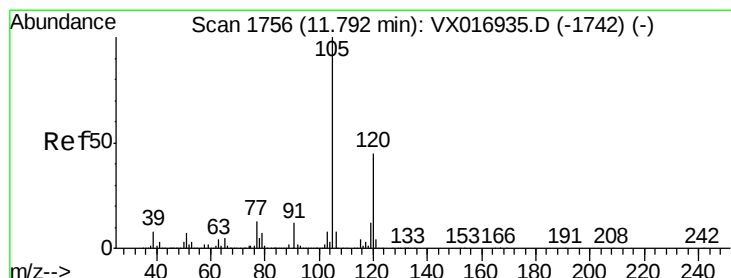
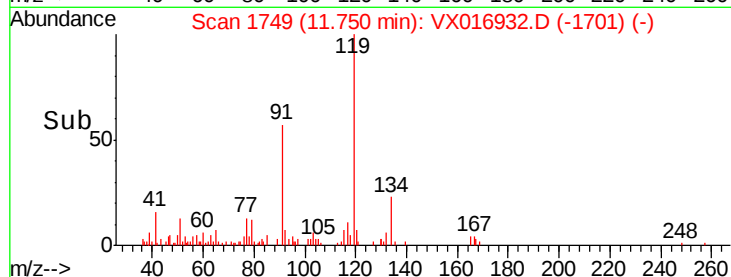
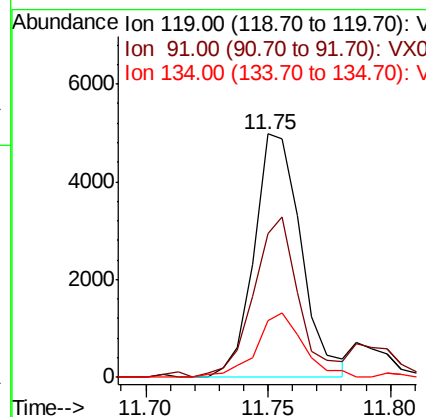
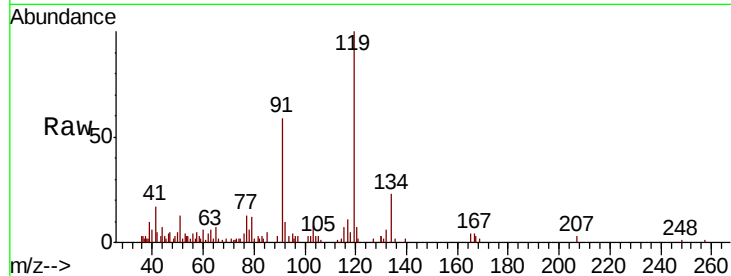




#83
tert-Butylbenzene
Concen: 0.911 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

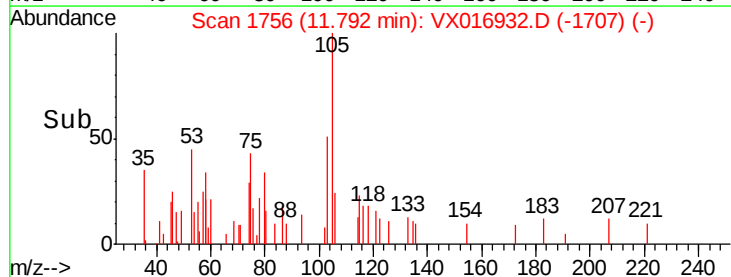
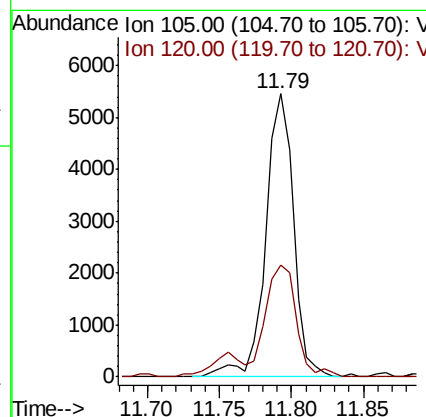
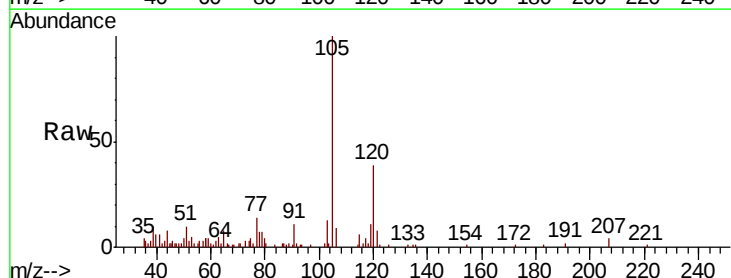
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

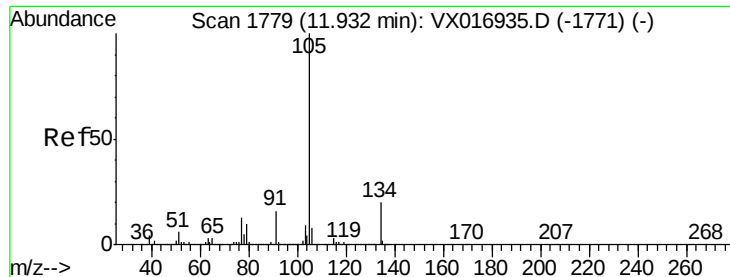
Tot Ion:119 Resp: 6715
Ion Ratio Lower Upper
119 100
91 63.3 30.3 90.9
134 26.1 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 0.971 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 15:40

Tgt Ion:105 Resp: 7265
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0

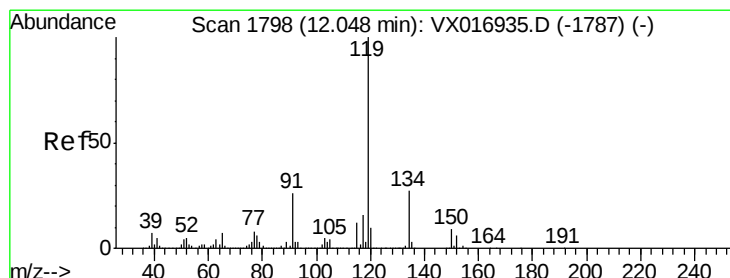
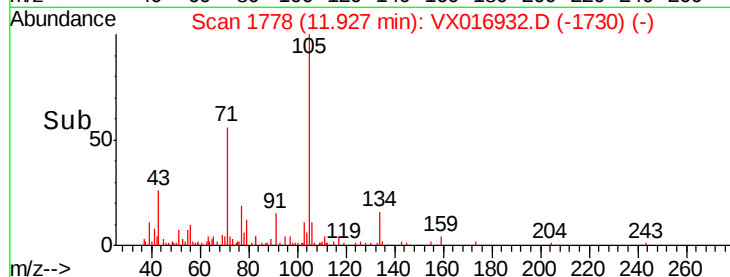
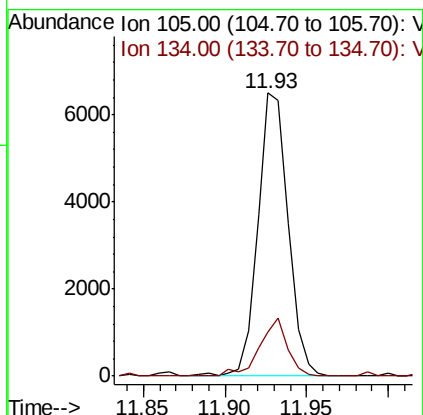
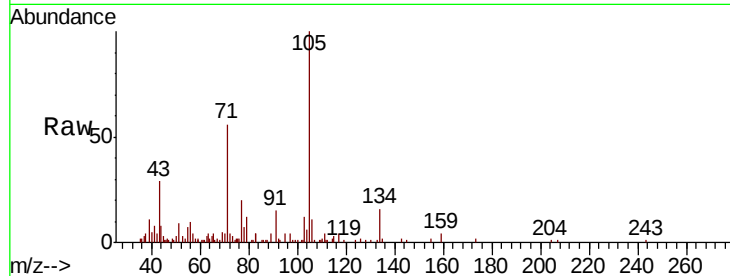




#85
 sec-Butylbenzene
 Concen: 1.005 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

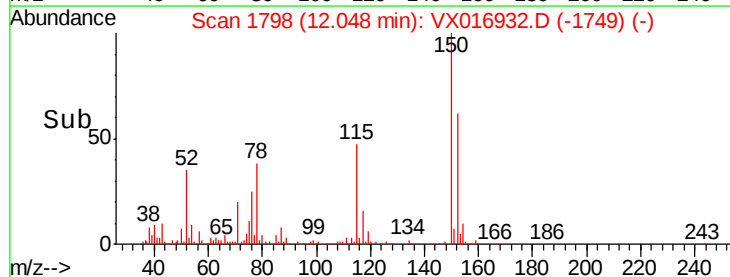
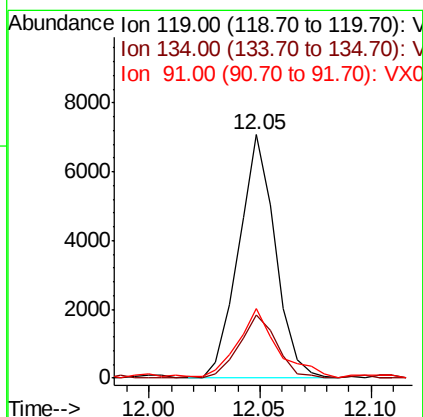
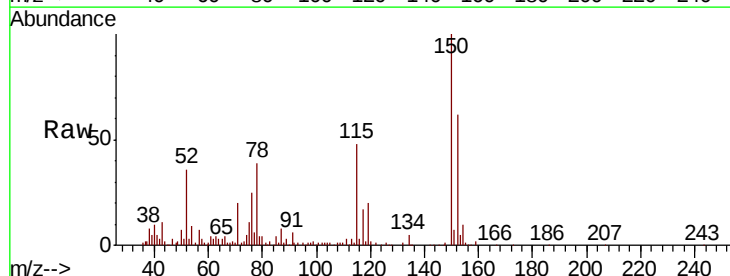
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

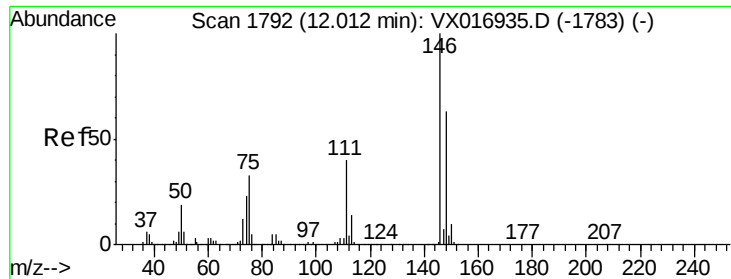
Tot Ion:105 Resp: 8361
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 1.050 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

Tgt Ion:119 Resp: 8087
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.9 38.7
 91 31.7 12.6 37.8

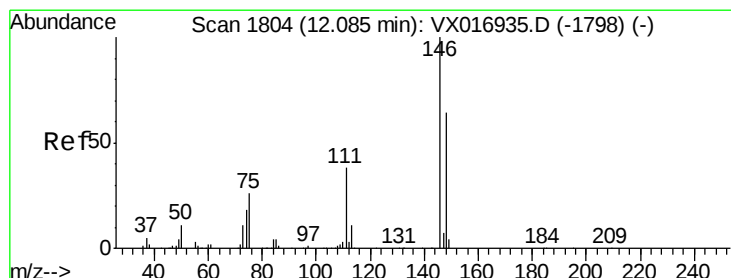
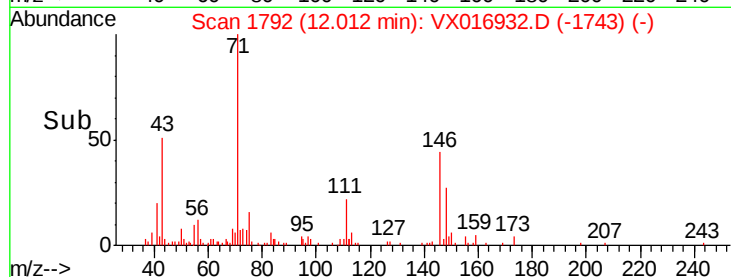
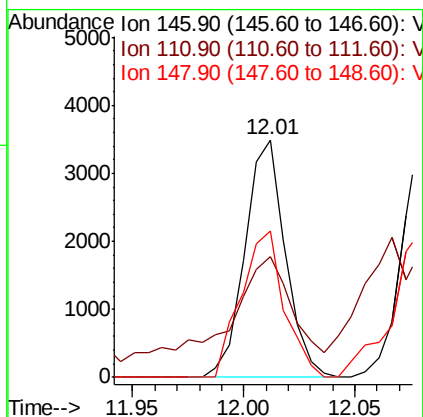
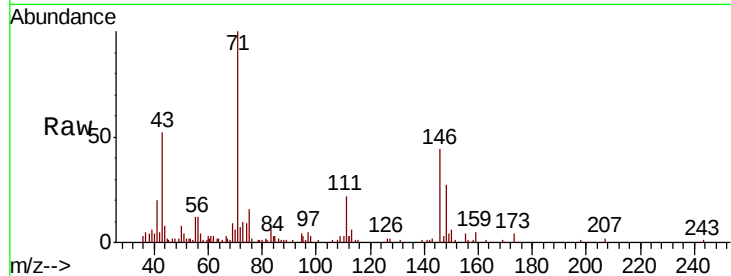




#87
 1,3-Dichlorobenzene
 Concen: 1.118 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

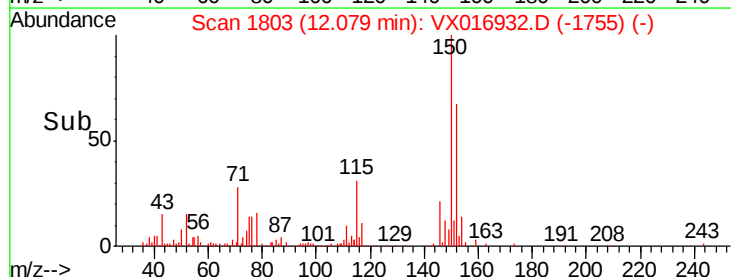
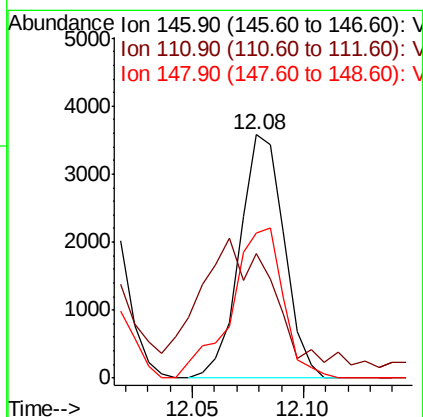
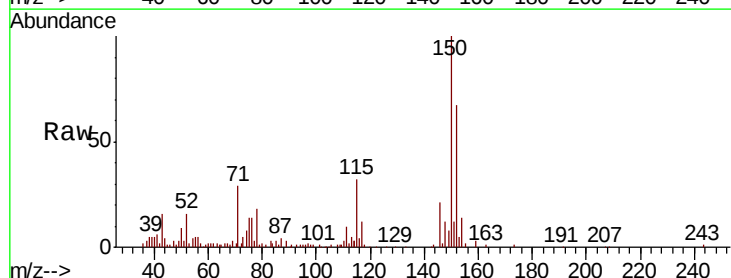
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

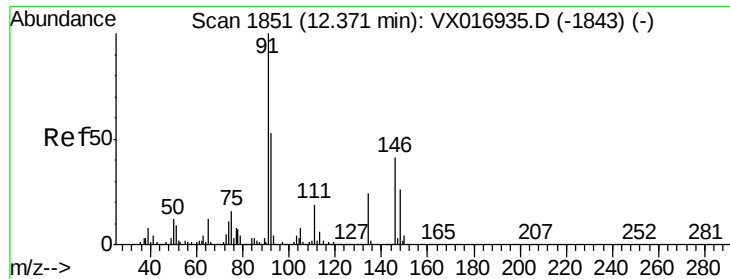
Tot Ion:146 Resp: 4414
 Ion Ratio Lower Upper
 146 100
 111 84.7 20.8 62.5#
 148 65.7 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 1.254 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

Tgt Ion:146 Resp: 4967
 Ion Ratio Lower Upper
 146 100
 111 88.3 20.3 61.0#
 148 72.6 31.8 95.3





#89

n-Butylbenzene

Concen: 1.030 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

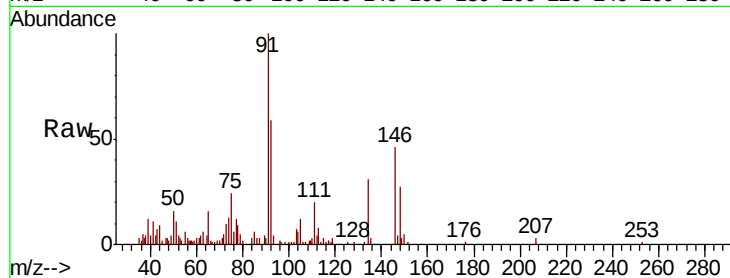
Tot Ion: 91 Resp: 7510

Ion Ratio Lower Upper

91 100

92 55.0 26.8 80.3

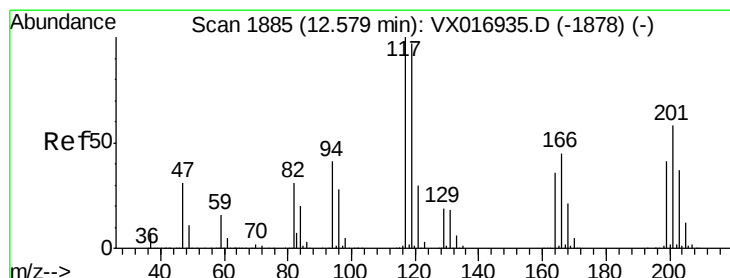
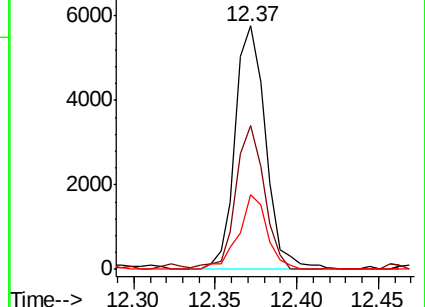
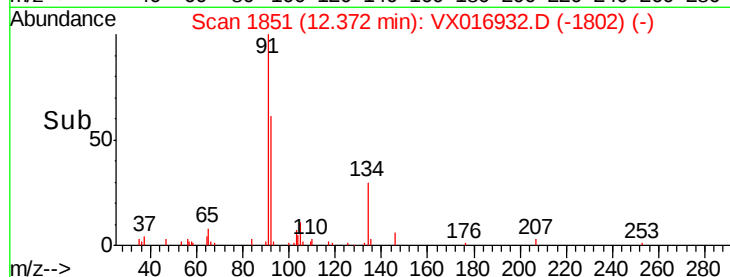
134 28.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX016932.D (-1843) (-)

Ion 92.00 (91.70 to 92.70): VX016932.D (-1843) (-)

Ion 134.00 (133.70 to 134.70): VX016932.D (-1843) (-)



#90

Hexachloroethane

Concen: 0.842 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016932.D

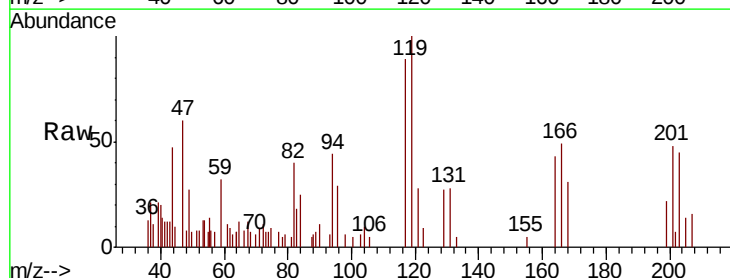
Acq: 23 Jun 2020 15:40

Tgt Ion: 117 Resp: 1273

Ion Ratio Lower Upper

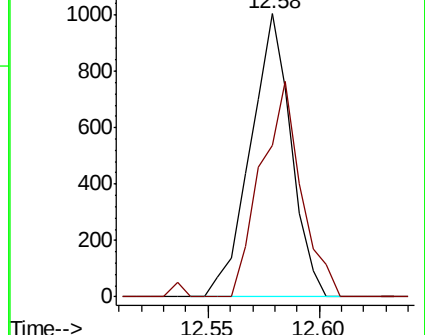
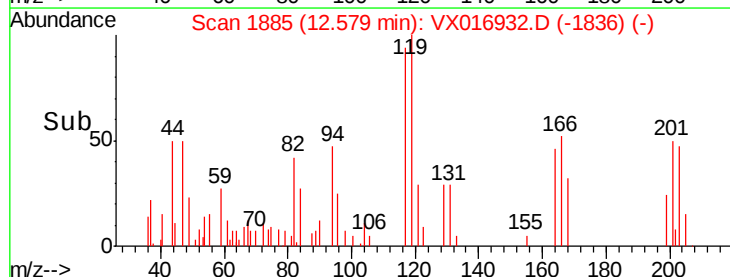
117 100

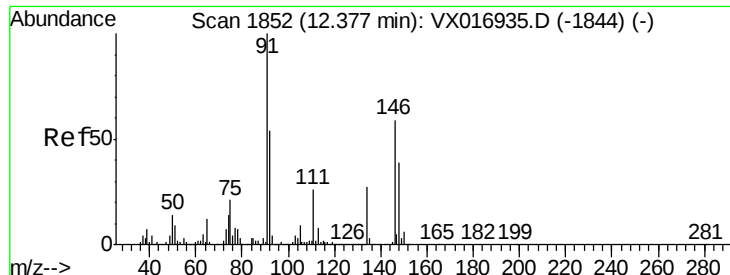
201 75.6 31.1 93.5



Abundance Ion 116.80 (116.50 to 117.50): VX016932.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX016932.D (-1878) (-)





#91

1,2-Dichlorobenzene

Concen: 1.059 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

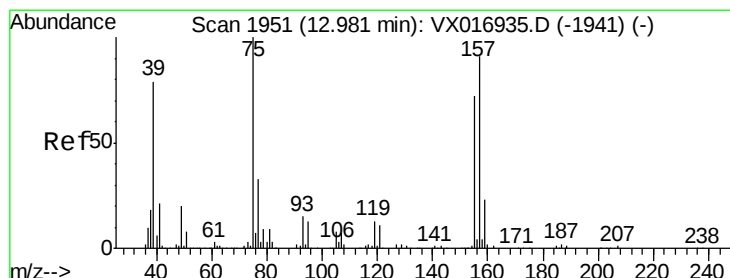
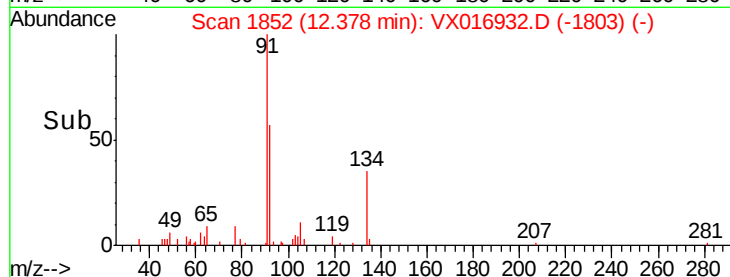
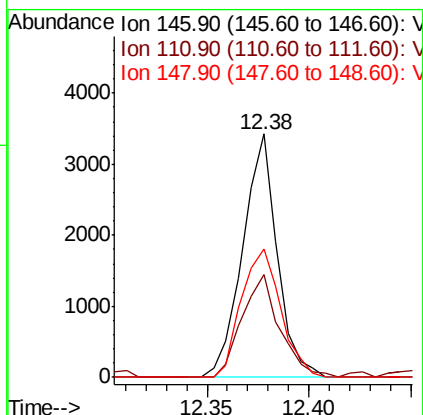
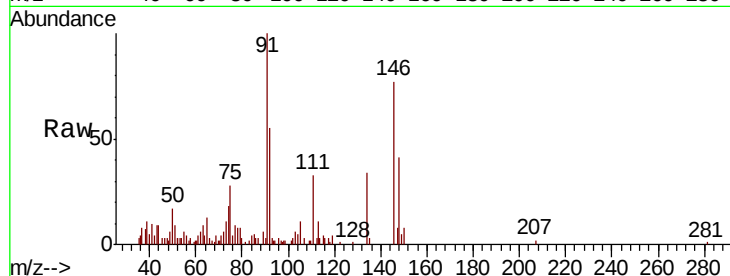
Tot Ion:146 Resp: 4031

Ion Ratio Lower Upper

146 100

111 46.1 22.0 66.0

148 60.3 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.239 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

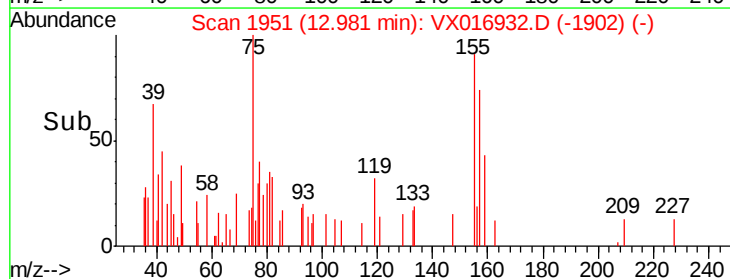
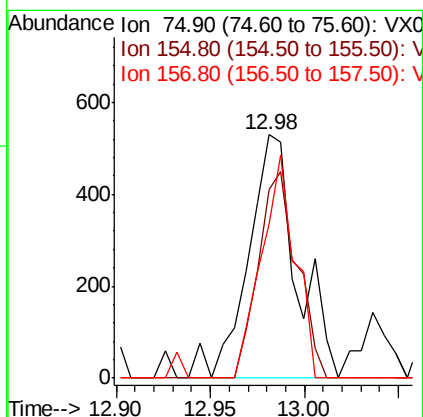
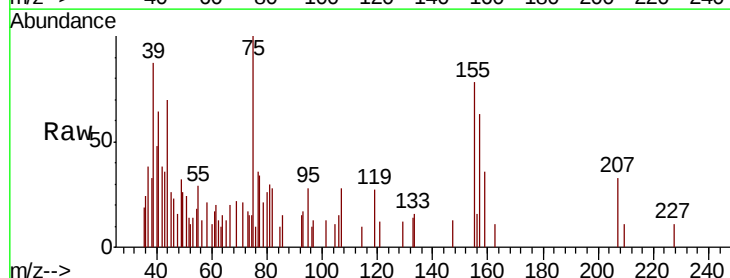
Tgt Ion: 75 Resp: 952

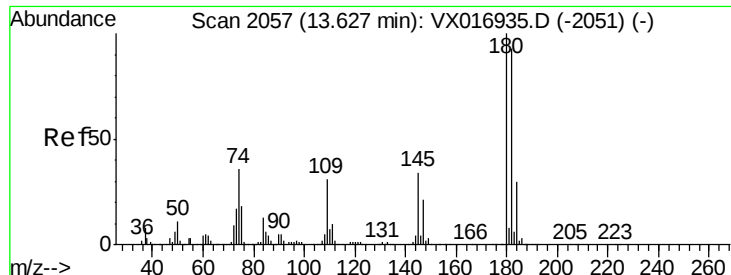
Ion Ratio Lower Upper

75 100

155 67.1 36.1 108.5

157 63.3 46.6 139.8

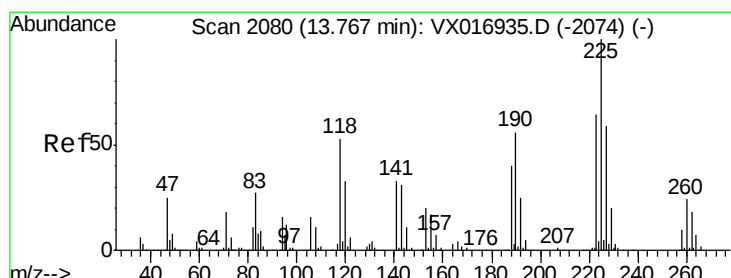
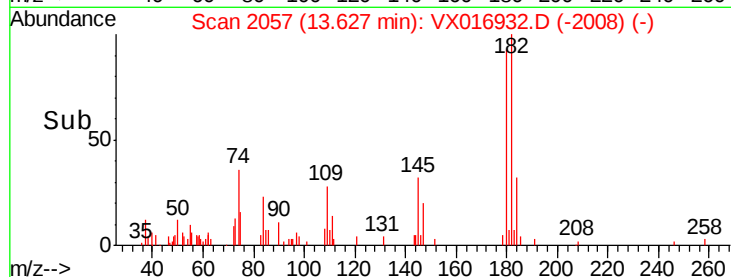
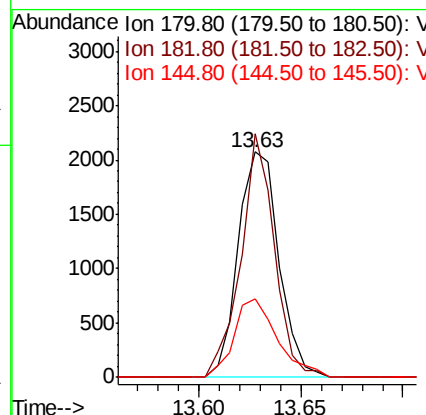
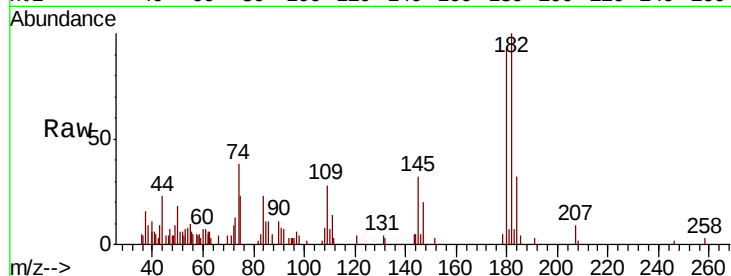




#93
 1,2,4-Trichlorobenzene
 Concen: 1.154 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

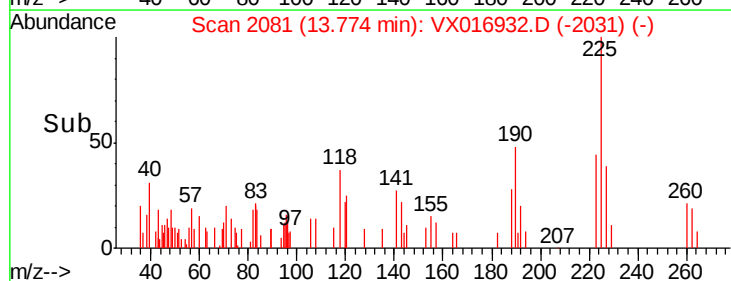
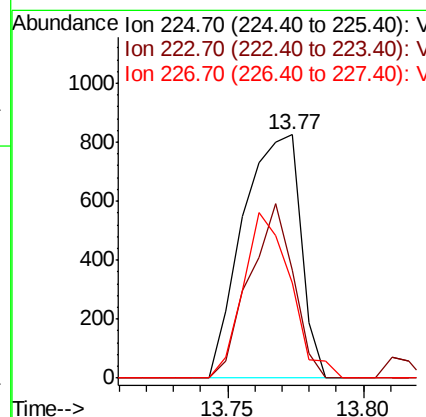
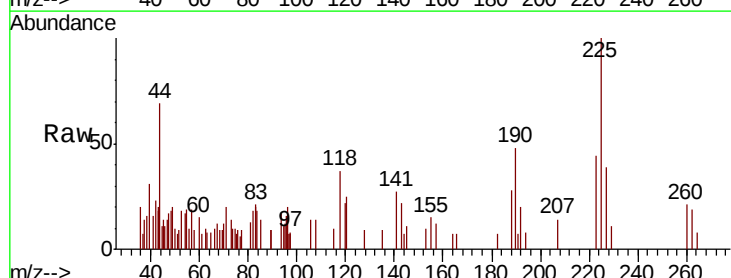
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

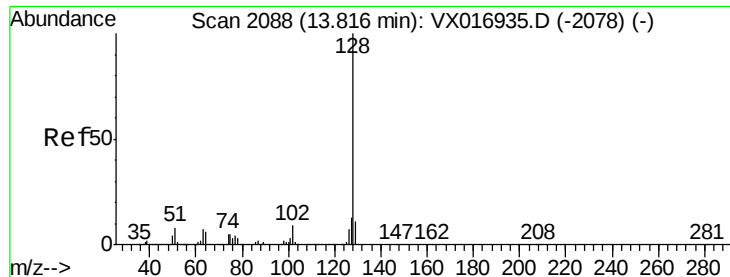
Tot Ion:180 Resp: 2869
 Ion Ratio Lower Upper
 180 100
 182 88.9 47.3 142.0
 145 37.1 16.4 49.2



#94
 Hexachlorobutadiene
 Concen: 1.400 ug/l
 RT: 13.77 min Scan# 2081
 Delta R.T. 0.01 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 15:40

Tgt Ion:225 Resp: 1214
 Ion Ratio Lower Upper
 225 100
 223 54.4 32.5 97.4
 227 55.8 29.3 88.0





#95

Naphthalene

Concen: 1.016 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

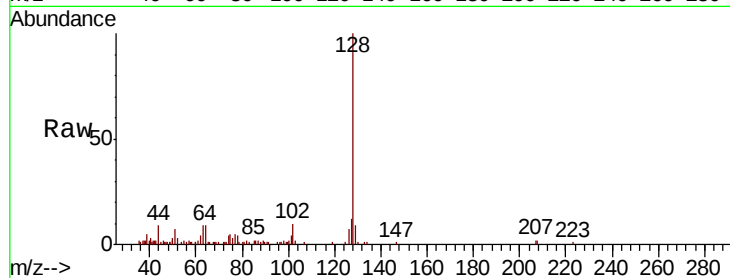
Tot Ion:128 Resp: 8582

Ion Ratio Lower Upper

128 100

127 14.8 10.2 15.4

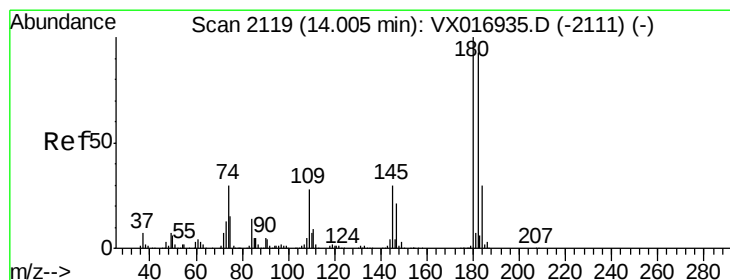
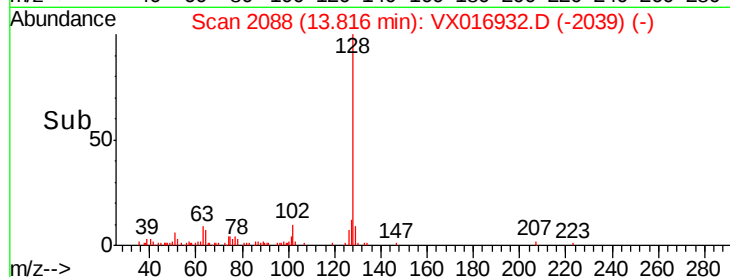
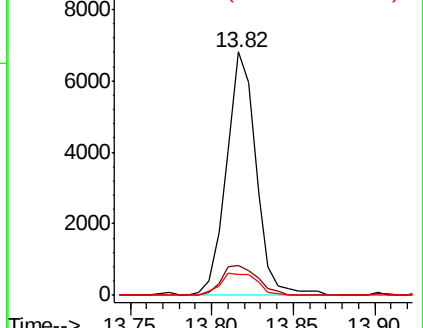
129 11.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.182 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 15:40

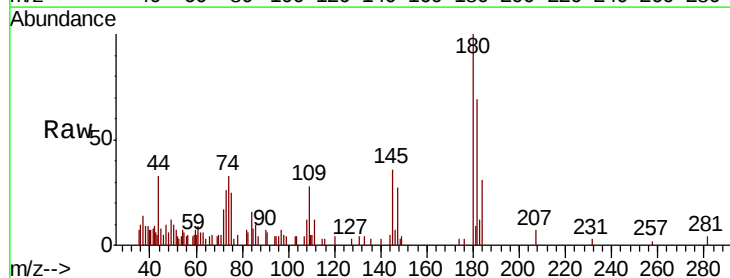
Tgt Ion:180 Resp: 2843

Ion Ratio Lower Upper

180 100

182 80.9 47.4 142.3

145 35.8 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

