

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016937.D
 Acq On : 23 Jun 2020 18:01
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 24 00:16:35 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	175648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	299301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	300612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	146818	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	416762	150.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.08%	
35) Dibromofluoromethane	5.46	113	315071	153.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.68%	
50) Toluene-d8	8.70	98	1172618	162.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.58%	
62) 4-Bromofluorobenzene	11.12	95	479472	164.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	307930	150.331	ug/l	97
3) Chloromethane	1.31	50	294761	152.854	ug/l	100
4) Vinyl Chloride	1.39	62	305520	158.459	ug/l	98
5) Bromomethane	1.62	94	151330	145.949	ug/l	98
6) Chloroethane	1.69	64	214641	153.710	ug/l	98
7) Trichlorofluoromethane	1.90	101	532694	156.634	ug/l	99
8) Diethyl Ether	2.17	74	198746	153.695	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	274208	144.577	ug/l	100
10) Methyl Iodide	2.49	142	397945	162.667	ug/l	98
11) Tert butyl alcohol	3.04	59	399670	685.270	ug/l	99
12) 1,1-Dichloroethene	2.35	96	268643	150.455	ug/l	97
13) Acrolein	2.28	56	295720	962.212	ug/l	100
14) Allyl chloride	2.70	41	539663	132.088	ug/l	98
15) Acrylonitrile	3.12	53	906384	711.439	ug/l	100
16) Acetone	2.42	43	782395	742.129	ug/l	99
17) Carbon Disulfide	2.54	76	717505	127.783	ug/l	98
18) Methyl Acetate	2.75	43	462321	132.429	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1064061	137.865	ug/l	97
20) Methylene Chloride	2.83	84	322379	122.581	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	298907	134.274	ug/l	97
22) Diisopropyl ether	3.83	45	1133417	157.706	ug/l	89
23) Vinyl Acetate	3.79	43	4773794	822.455	ug/l	99
24) 1,1-Dichloroethane	3.67	63	585698	141.523	ug/l	99
25) 2-Butanone	4.64	43	1277274	767.691	ug/l	99
26) 2,2-Dichloropropane	4.55	77	520617	143.095	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	354834	141.709	ug/l	98
28) Bromochloromethane	4.98	49	293840	136.702	ug/l	99
29) Tetrahydrofuran	5.09	42	835838	818.237	ug/l	100
30) Chloroform	5.18	83	616705	141.451	ug/l	97
31) Cyclohexane	5.55	56	483665	146.696	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	547180	143.159	ug/l	99
36) 1,1-Dichloropropene	5.77	75	427851	149.897	ug/l	100
37) Ethyl Acetate	4.80	43	510740	162.860	ug/l	99
38) Carbon Tetrachloride	5.75	117	467422	153.142	ug/l	98

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Quant Time: Jun 24 00:16:35 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	468676	148.990	ug/l	97
40) Benzene	6.11	78	1256256	153.614	ug/l	100
41) Methacrylonitrile	5.01	41	292619	160.173	ug/l	99
42) 1,2-Dichloroethane	6.16	62	503758	150.073	ug/l	100
43) Isopropyl Acetate	6.42	43	870986	159.399	ug/l	99
44) Trichloroethene	7.19	130	329911	144.123	ug/l	97
45) 1,2-Dichloropropane	7.49	63	339061	149.651	ug/l	98
46) Dibromomethane	7.64	93	232453	148.441	ug/l	98
47) Bromodichloromethane	7.88	83	515158	156.851	ug/l	99
48) Methyl methacrylate	7.75	41	425344	167.408	ug/l	99
49) 1,4-Dioxane	7.72	88	159899	2926.227	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2663416	836.820	ug/l	99
52) Toluene	8.77	92	808610	160.966	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	593196	156.911	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	592348	162.378	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	349896	153.790	ug/l	99
56) Ethyl methacrylate	9.16	69	579101	164.328	ug/l	99
57) 1,3-Dichloropropane	9.35	76	598722	157.013	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1425682	987.650	ug/l	98
59) 2-Hexanone	9.48	43	1961710	804.900	ug/l	100
60) Dibromochloromethane	9.57	129	409949	164.717	ug/l	99
61) 1,2-Dibromoethane	9.65	107	370588	158.207	ug/l	99
64) Tetrachloroethene	9.32	164	288707	141.482	ug/l	97
65) Chlorobenzene	10.12	112	904210	147.260	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	353185	148.499	ug/l	99
67) Ethyl Benzene	10.24	91	1616226	147.184	ug/l	99
68) m/p-Xylenes	10.34	106	1200165	297.602	ug/l	99
69) o-Xylene	10.68	106	594579	154.344	ug/l	100
70) Styrene	10.70	104	1059510	161.604	ug/l	99
71) Bromoform	10.84	173	279807	158.210	ug/l #	100
73) Isopropylbenzene	11.00	105	1629194	149.547	ug/l	100
74) N-amyl acetate	10.88	43	813822	149.265	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	520794	142.863	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	652965	155.344	ug/l	86
77) Bromobenzene	11.24	156	374635	140.064	ug/l	99
78) n-propylbenzene	11.35	91	1880932	151.443	ug/l	100
79) 2-Chlorotoluene	11.41	91	1100620	139.957	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1327274	144.659	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	207974	147.273	ug/l	98
82) 4-Chlorotoluene	11.49	91	1318288	140.037	ug/l	100
83) tert-Butylbenzene	11.76	119	1298252	144.521	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1335107	146.466	ug/l	100
85) sec-Butylbenzene	11.93	105	1538948	151.864	ug/l	100
86) p-Isopropyltoluene	12.05	119	1388629	148.054	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	692505	143.957	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	699248	144.897	ug/l	99
89) n-Butylbenzene	12.37	91	1350454	152.070	ug/l	100
90) Hexachloroethane	12.58	117	282712	153.442	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	663066	143.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	132075	141.135	ug/l	95

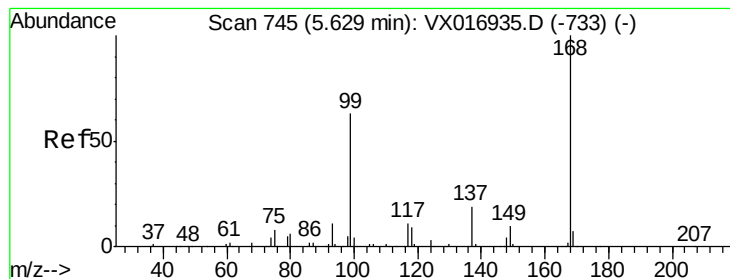
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	448549	148.126	ug/l	99
94) Hexachlorobutadiene	13.77	225	155530	147.224	ug/l	97
95) Naphthalene	13.82	128	1623740	157.801	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	444578	151.778	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

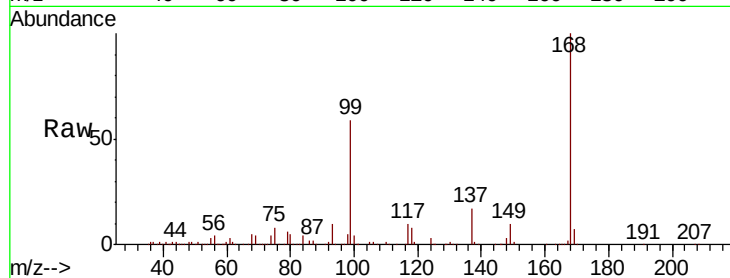
VSTDIC150

Tot Ion:168 Resp: 175648

Ion Ratio Lower Upper

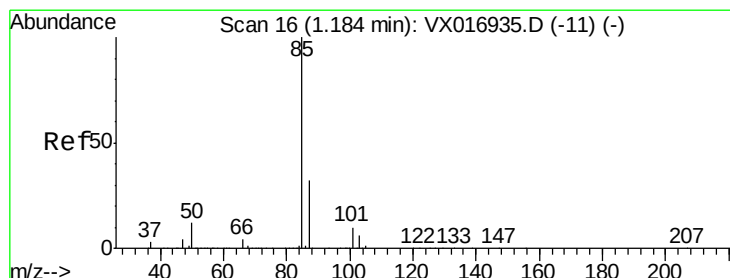
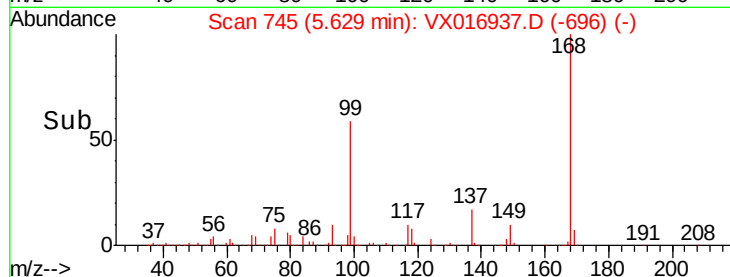
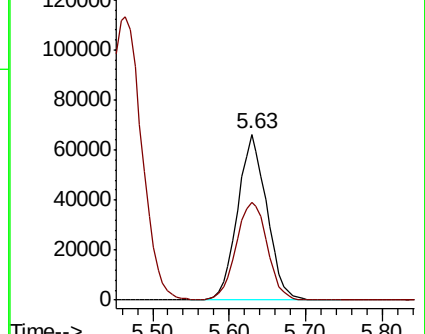
168 100

99 59.0 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: 150.331 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016937.D

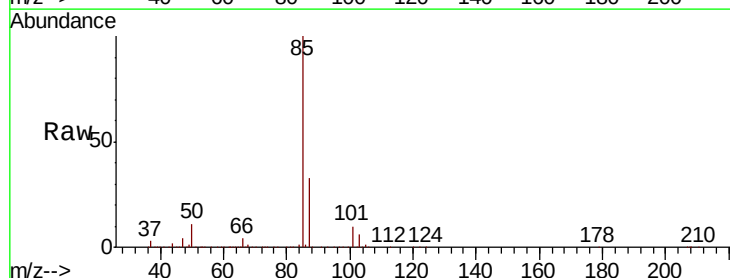
Acq: 23 Jun 2020 18:01

Tgt Ion: 85 Resp: 307930

Ion Ratio Lower Upper

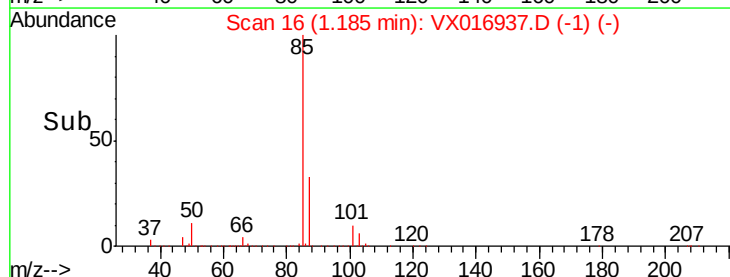
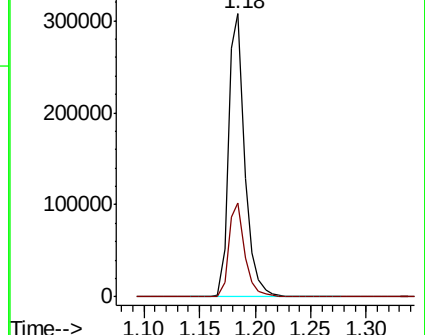
85 100

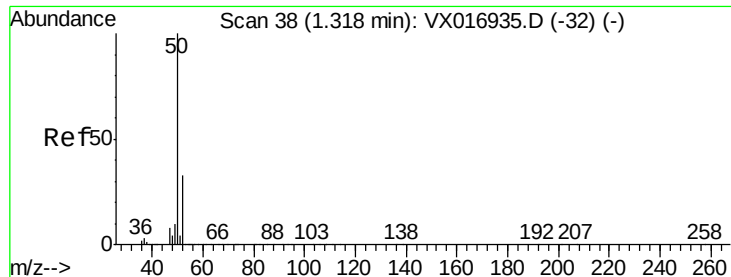
87 33.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 152.854 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

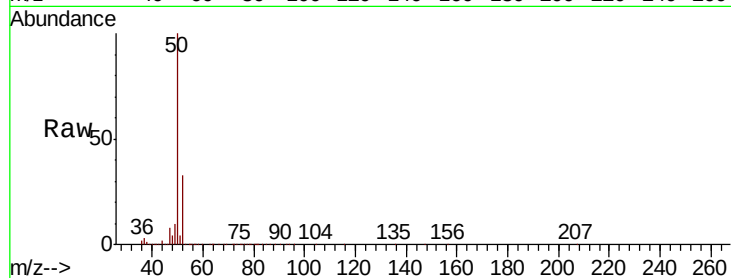
VSTDIC150

Tot Ion: 50 Resp: 294761

Ion Ratio Lower Upper

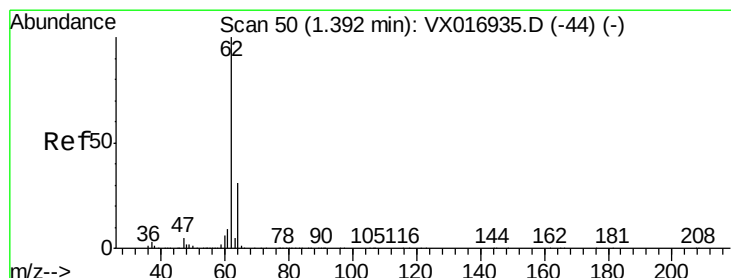
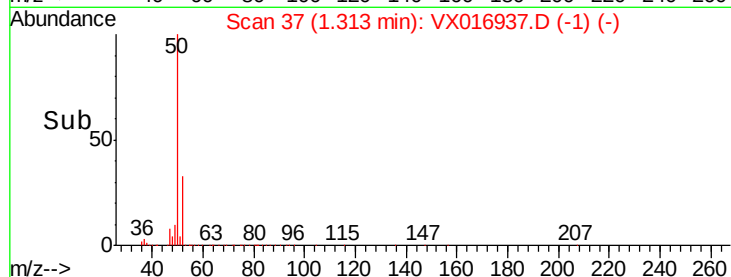
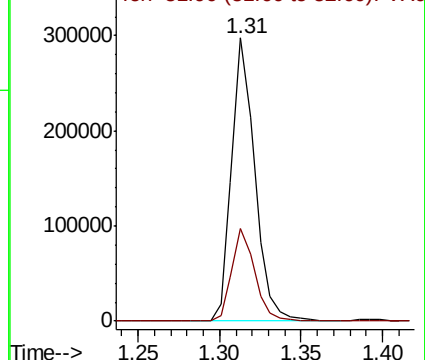
50 100

52 32.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 158.459 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016937.D

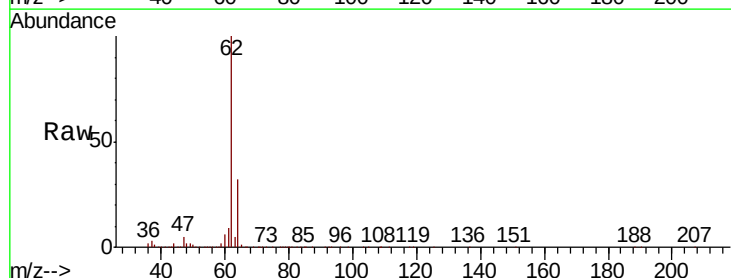
Acq: 23 Jun 2020 18:01

Tgt Ion: 62 Resp: 305520

Ion Ratio Lower Upper

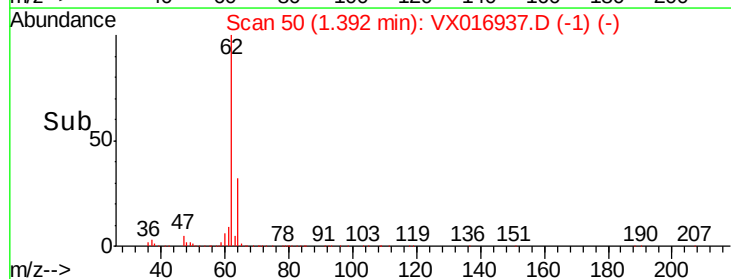
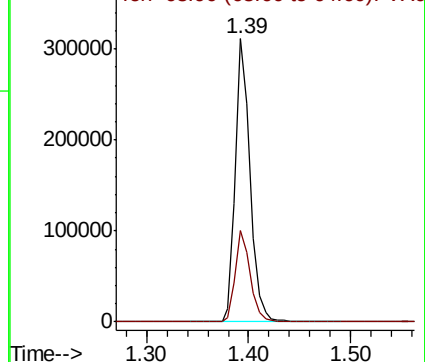
62 100

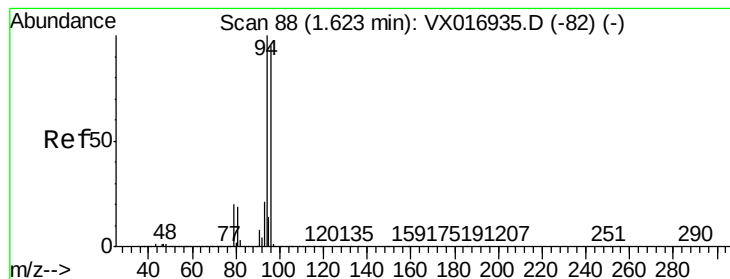
64 32.4 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 145.949 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

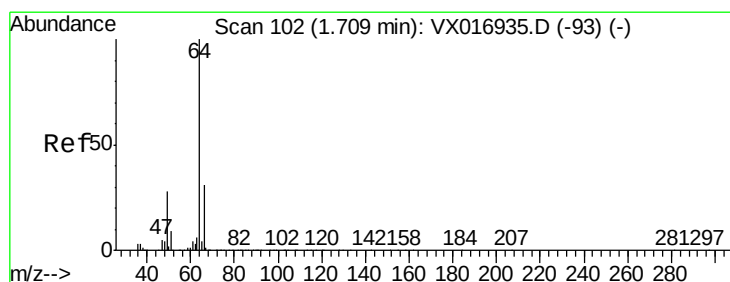
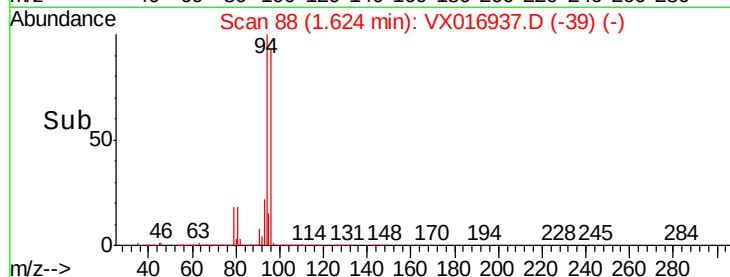
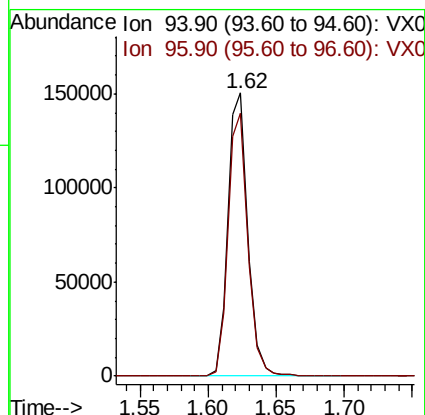
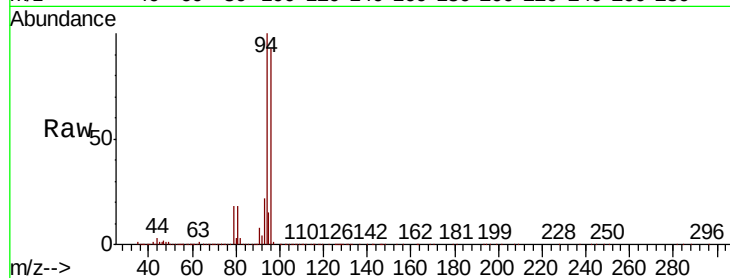
VSTDIC150

Tot Ion: 94 Resp: 151330

Ion Ratio Lower Upper

94 100

96 92.9 75.9 113.9



#6

Chloroethane

Concen: 153.710 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX016937.D

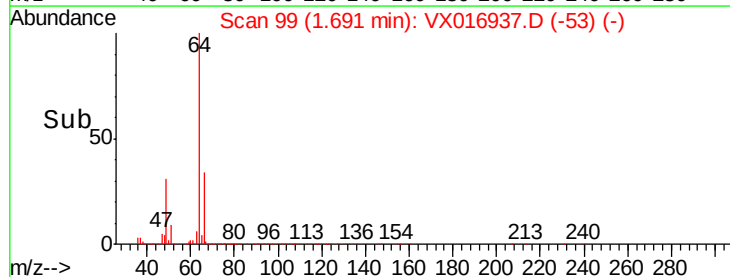
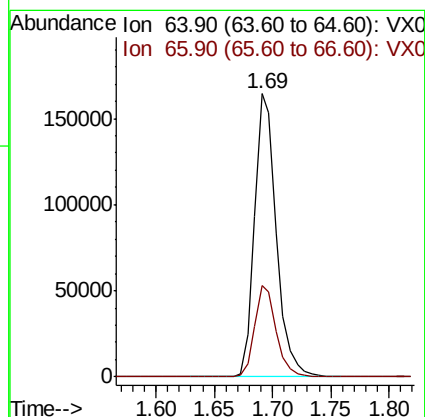
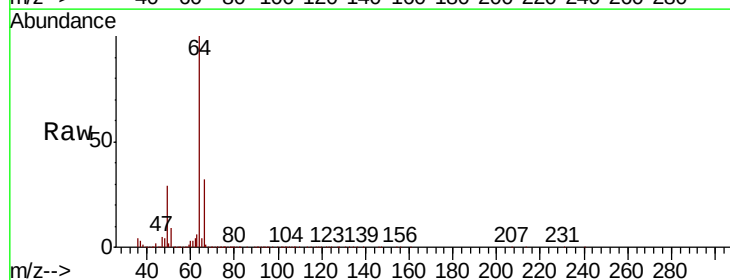
Acq: 23 Jun 2020 18:01

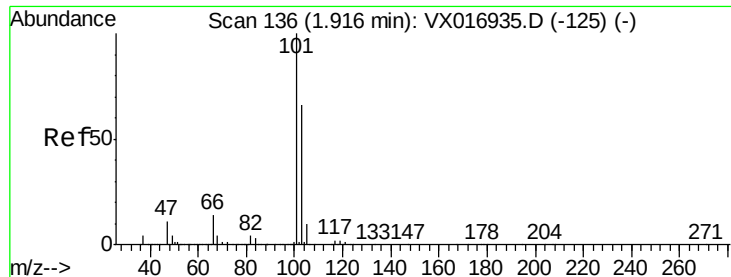
Tgt Ion: 64 Resp: 214641

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.6



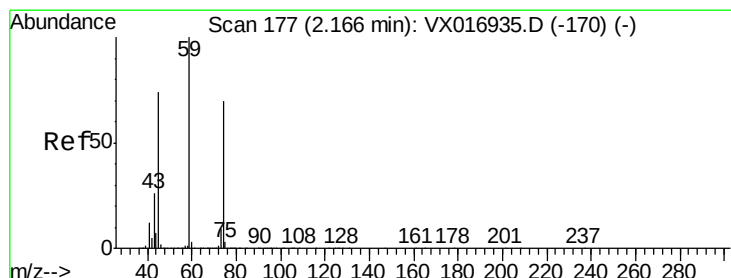
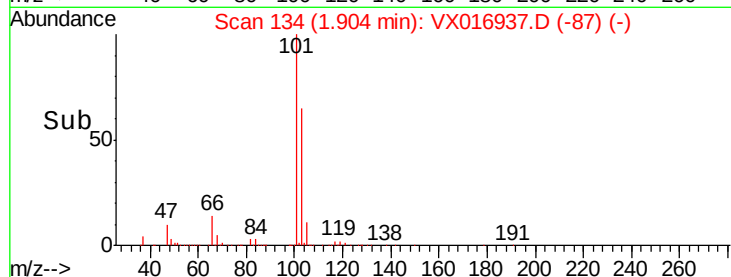
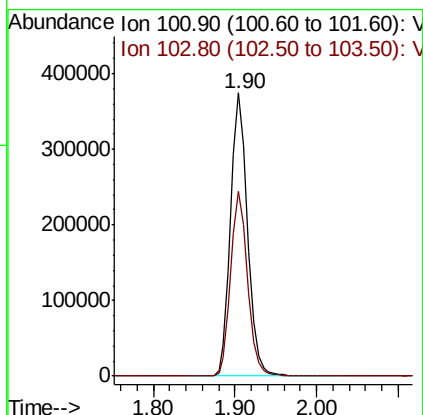
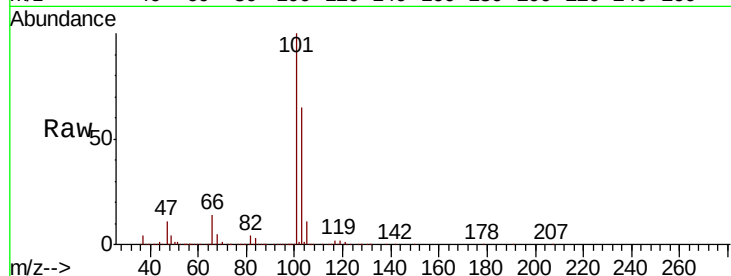


#7

Trichlorofluoromethane
Concen: 156.634 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

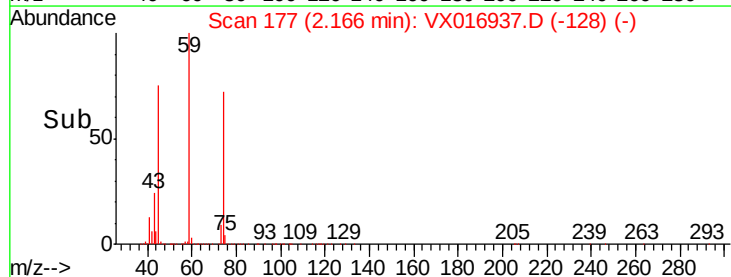
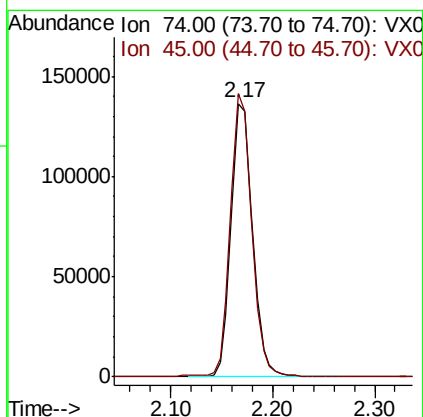
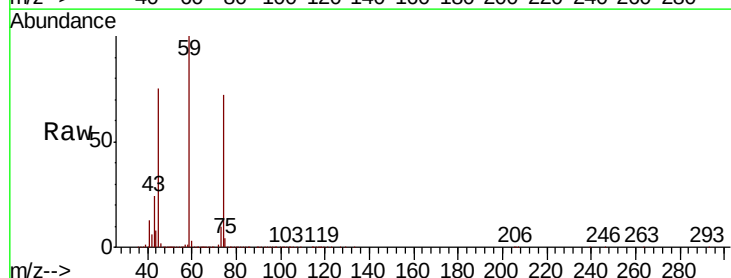
Tot Ion:101 Resp: 532694
Ion Ratio Lower Upper
101 100
103 65.1 53.0 79.4

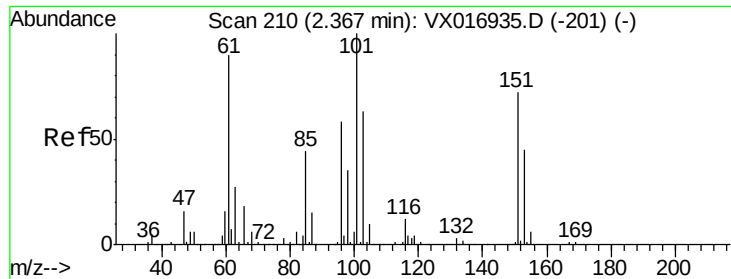


#8

Diethyl Ether
Concen: 153.695 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 74 Resp: 198746
Ion Ratio Lower Upper
74 100
45 103.1 52.6 157.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.577 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

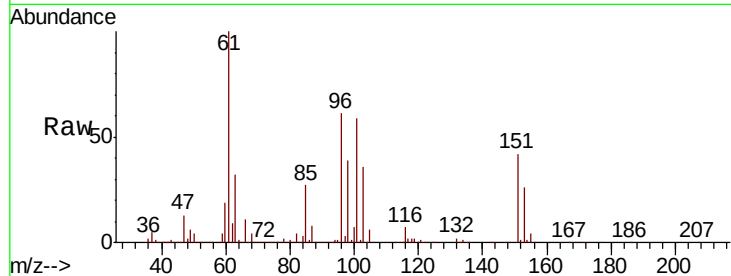
Tot Ion:101 Resp: 274208

Ion Ratio Lower Upper

101 100

85 45.5 36.9 55.3

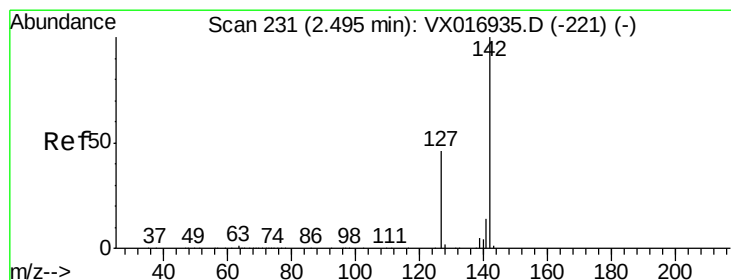
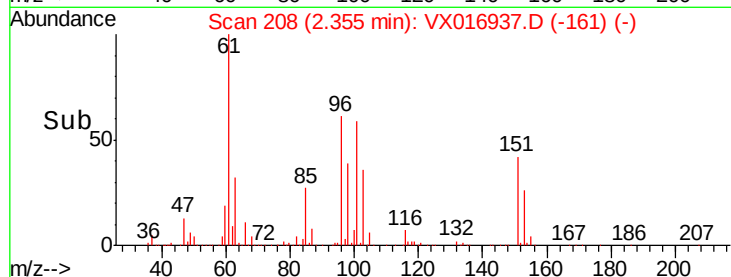
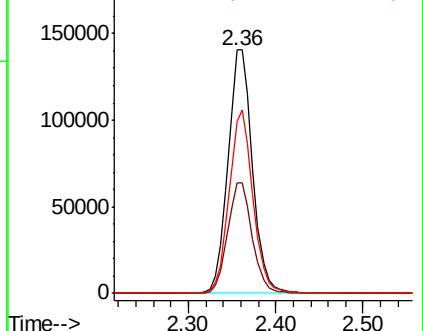
151 73.1 58.4 87.6



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: 162.667 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

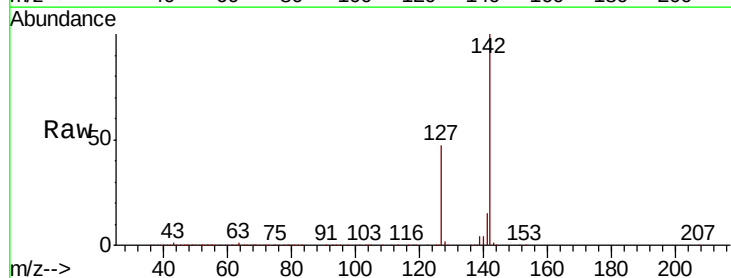
Tgt Ion:142 Resp: 397945

Ion Ratio Lower Upper

142 100

127 46.5 38.3 57.5

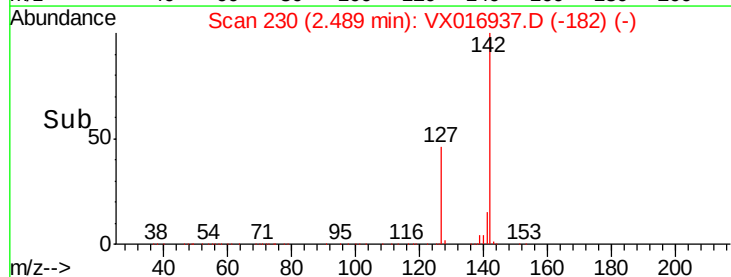
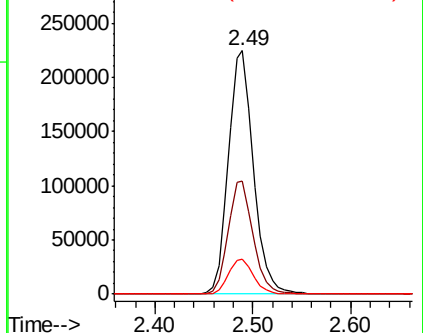
141 14.5 11.9 17.9

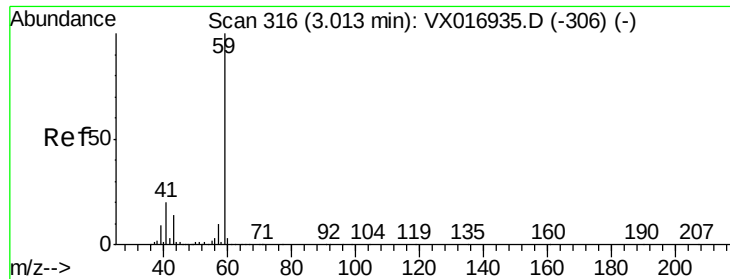


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

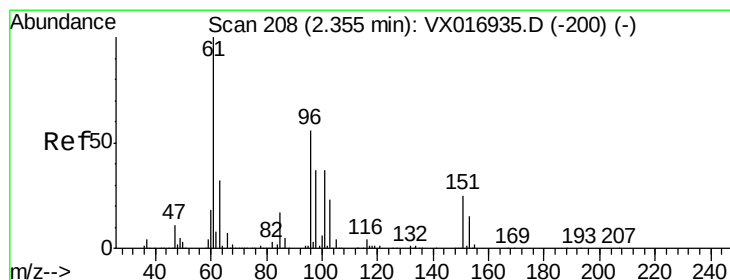
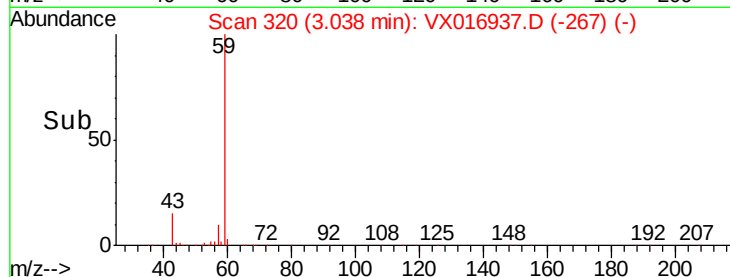
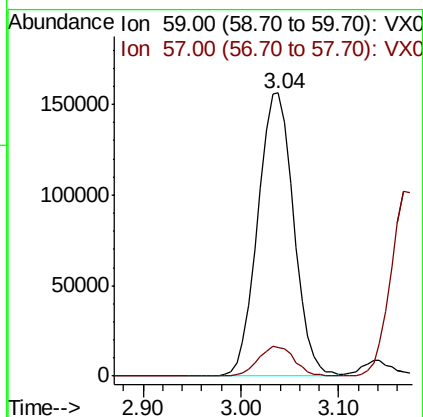
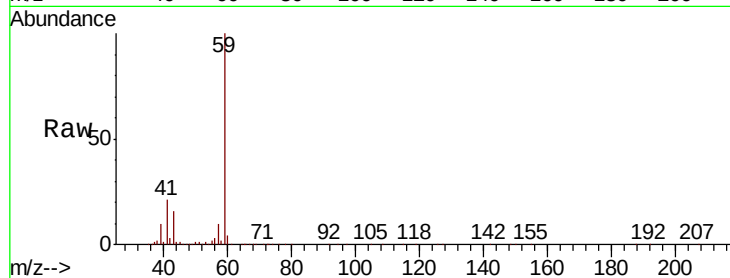




#11
Tert butyl alcohol
Concen: 685.270 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

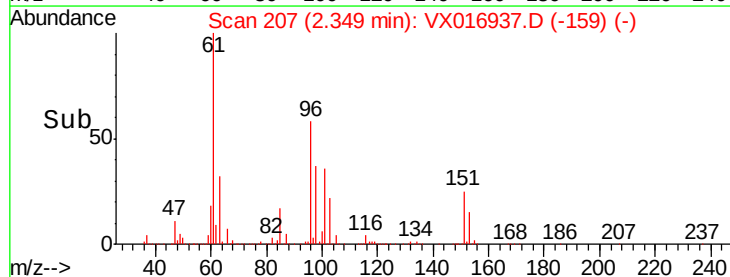
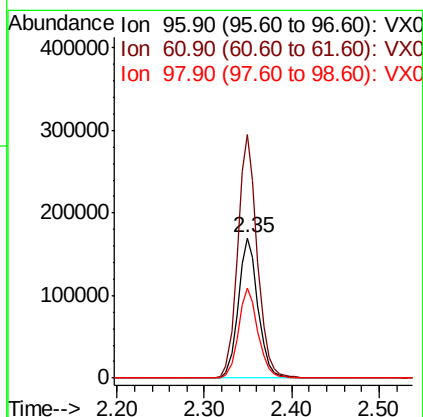
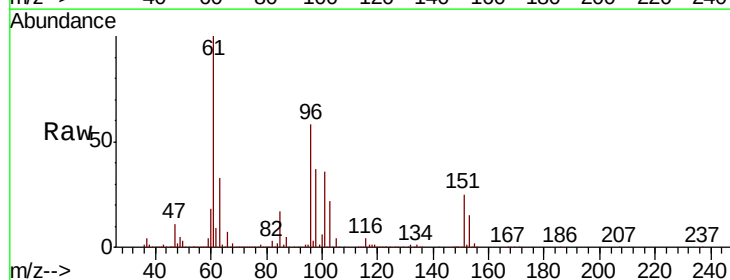
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

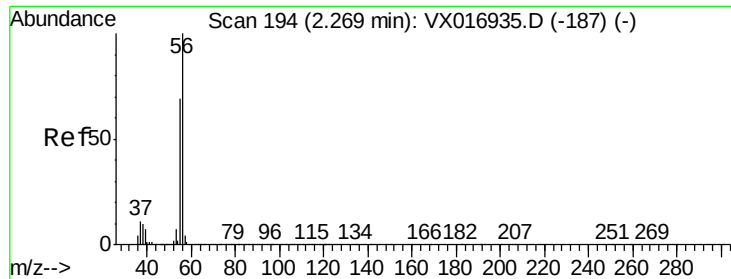
Tot Ion: 59 Resp: 399670
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 150.455 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 96 Resp: 268643
Ion Ratio Lower Upper
96 100
61 173.4 142.3 213.5
98 63.9 53.2 79.8

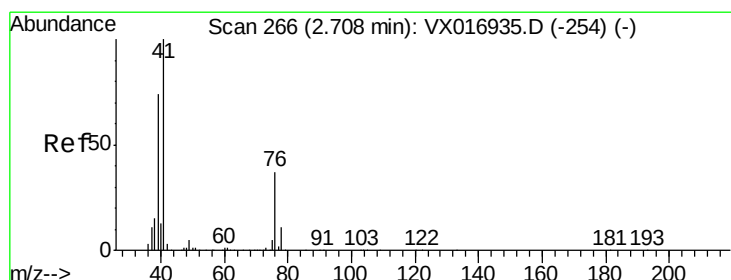
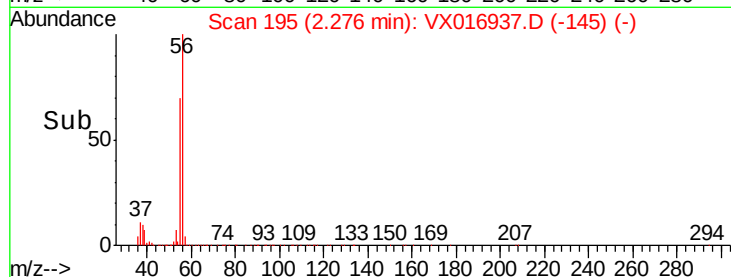
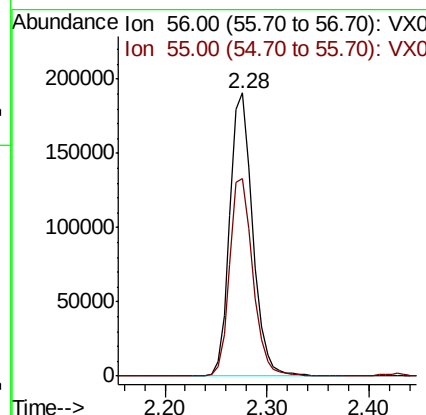
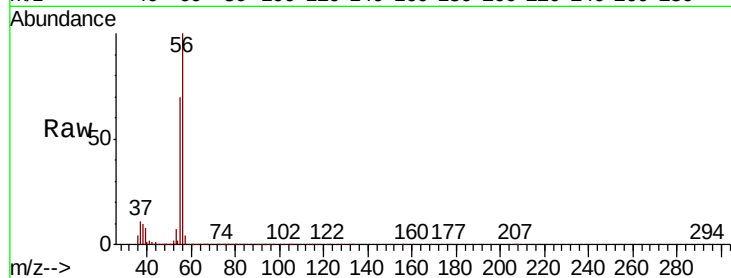




#13
Acrolein
Concen: 962.212 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

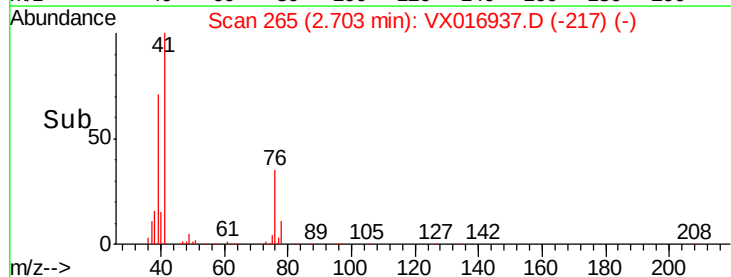
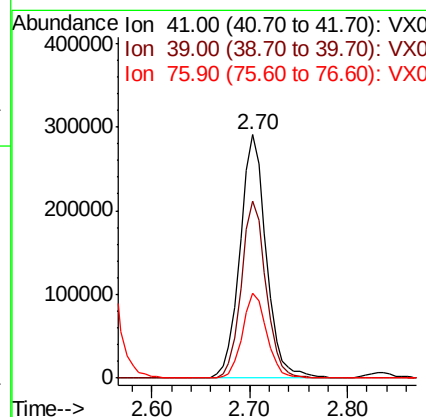
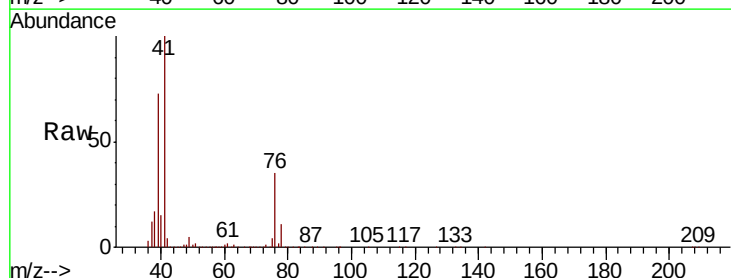
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

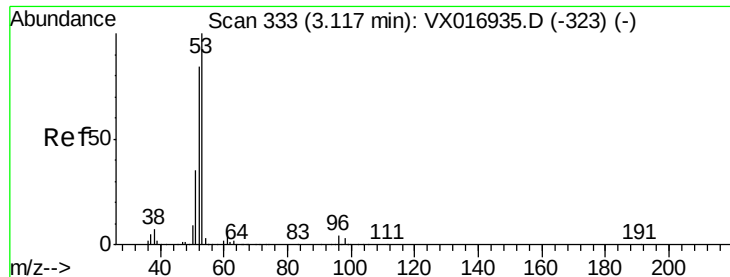
Tot Ion: 56 Resp: 295720
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7



#14
Allyl chloride
Concen: 132.088 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 41 Resp: 539663
Ion Ratio Lower Upper
41 100
39 68.7 53.3 79.9
76 32.5 25.2 37.8





#15

Acrylonitrile

Concen: 711.439 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

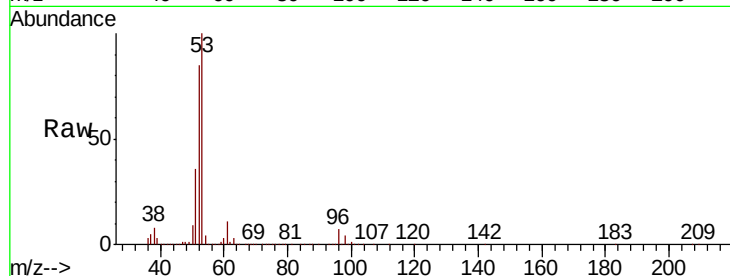
Tot Ion: 53 Resp: 906384

Ion Ratio Lower Upper

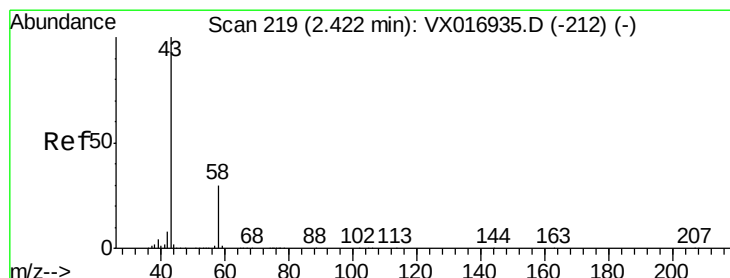
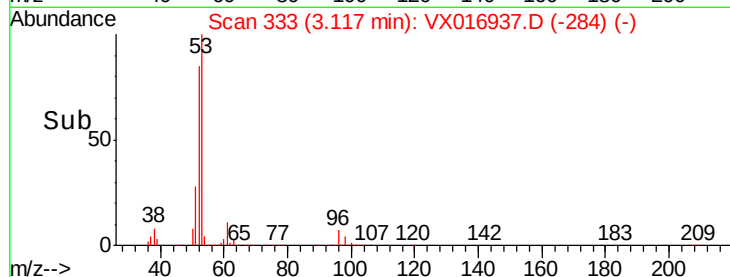
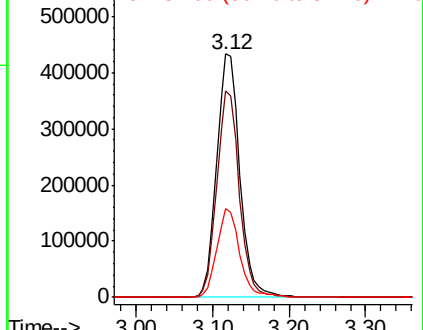
53 100

52 82.8 66.0 99.0

51 36.1 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: 742.129 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX016937.D

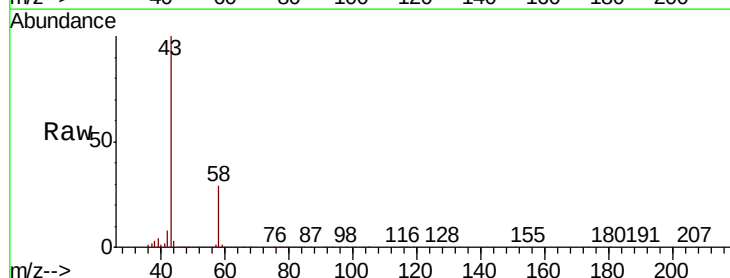
Acq: 23 Jun 2020 18:01

Tgt Ion: 43 Resp: 782395

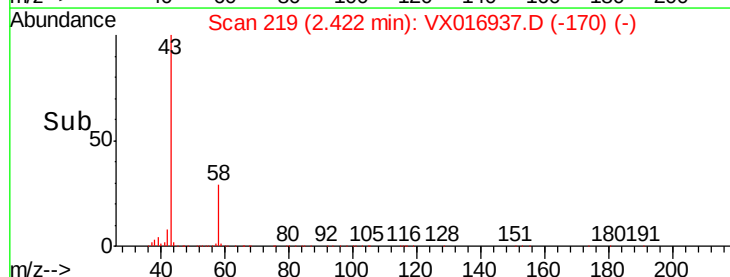
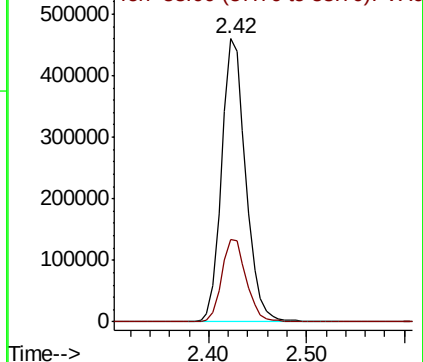
Ion Ratio Lower Upper

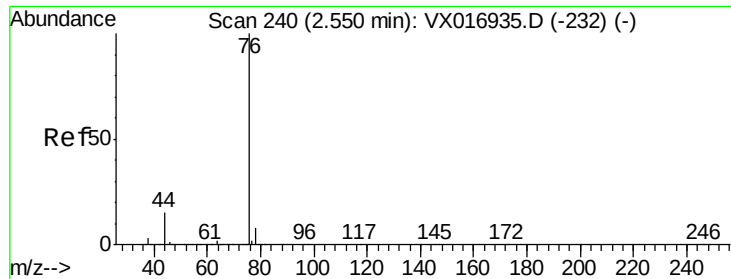
43 100

58 29.2 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: 127.783 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

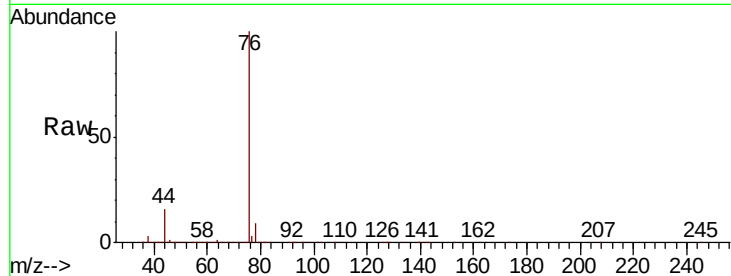
VSTDIC150

Tot Ion: 76 Resp: 717505

Ion Ratio Lower Upper

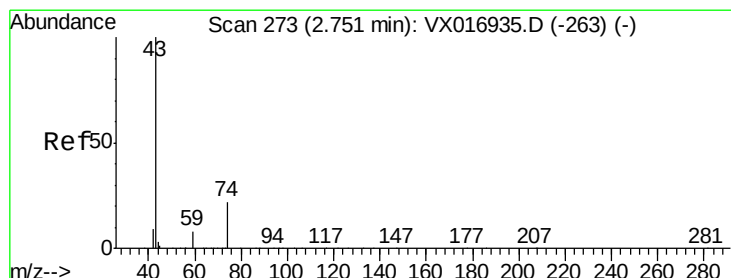
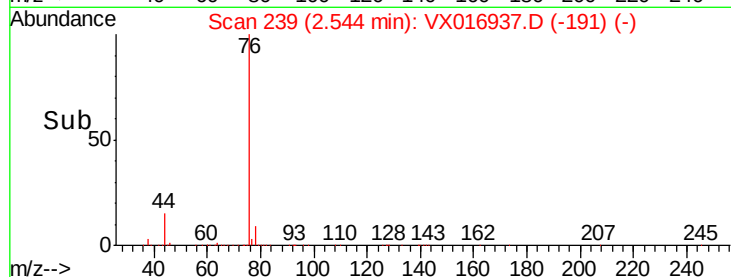
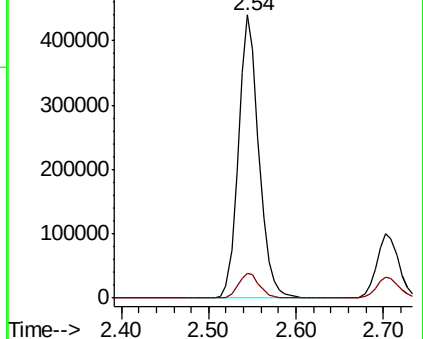
76 100

78 8.8 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: 132.429 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX016937.D

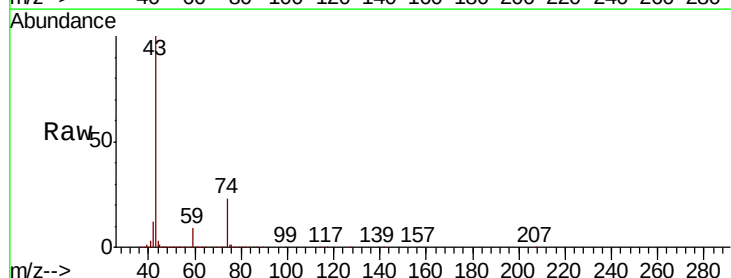
Acq: 23 Jun 2020 18:01

Tgt Ion: 43 Resp: 462321

Ion Ratio Lower Upper

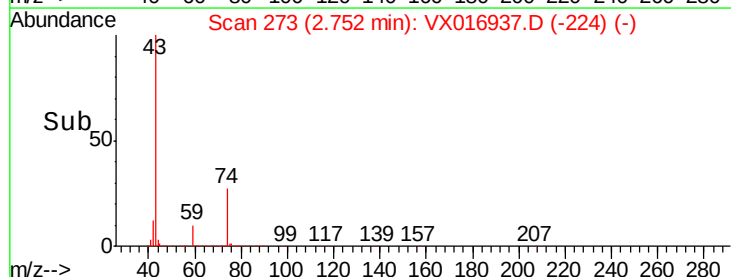
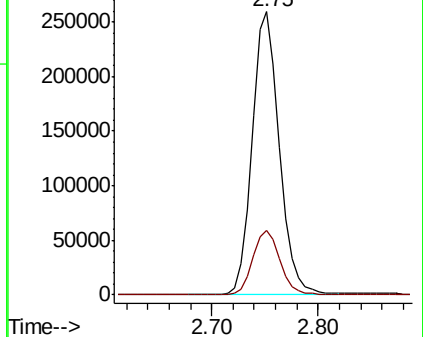
43 100

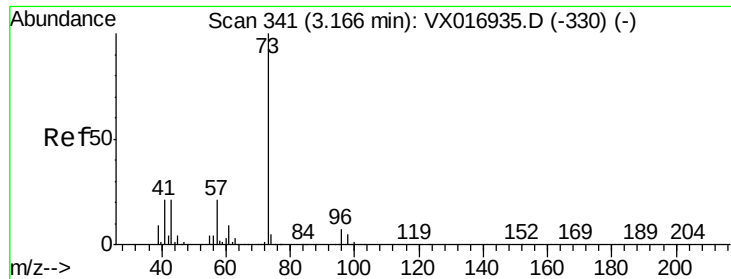
74 23.3 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

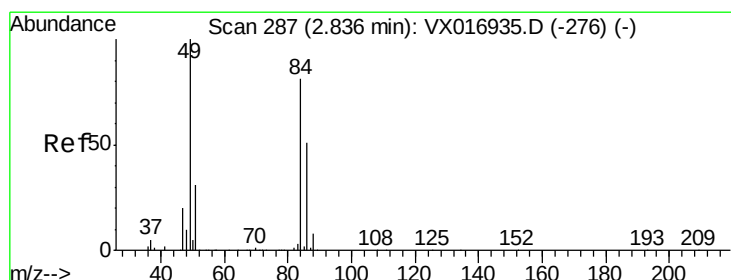
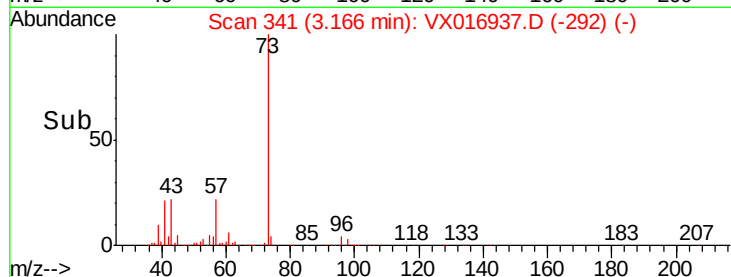
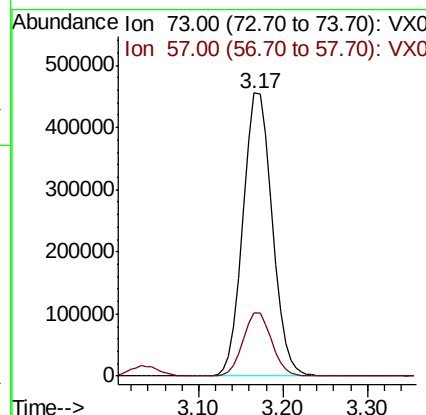
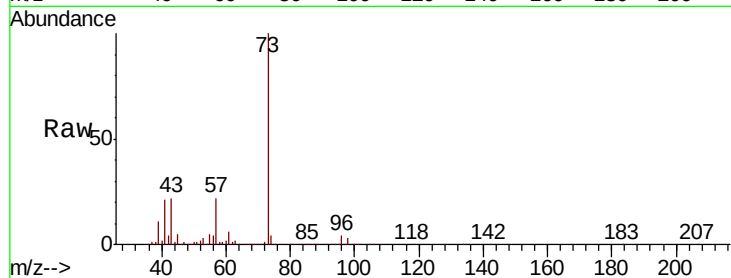




#19
Methyl tert-butyl Ether
Concen: 137.865 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

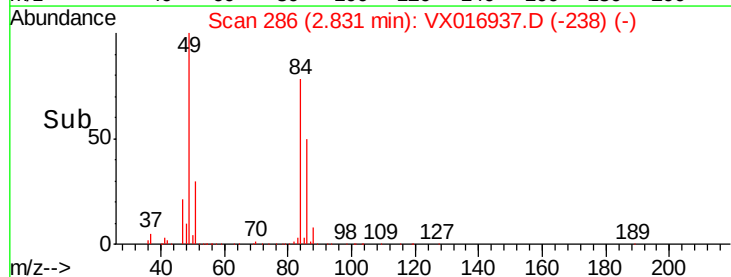
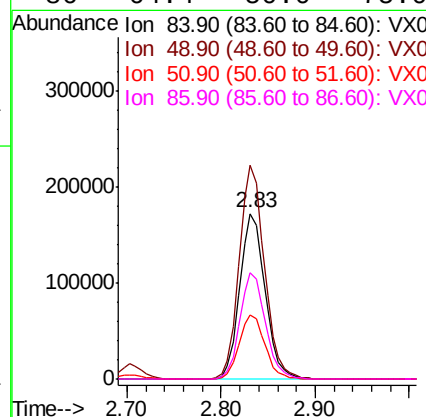
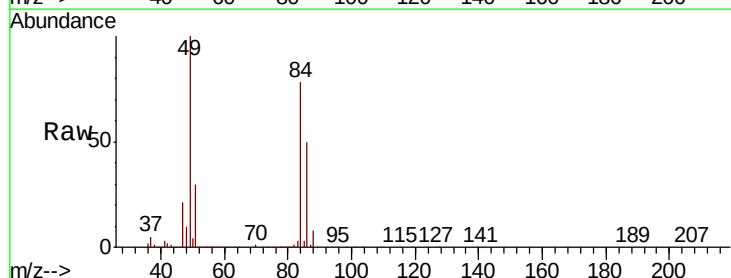
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

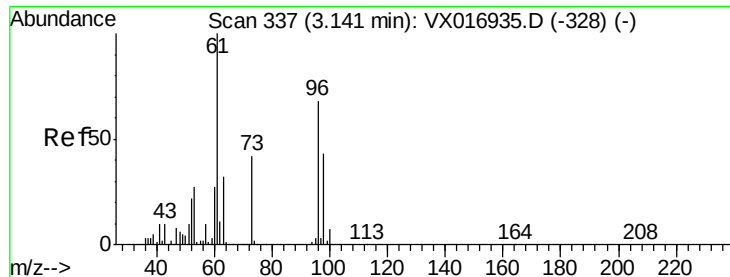
Tot Ion: 73 Resp: 1064061
Ion Ratio Lower Upper
73 100
57 22.3 16.7 25.1



#20
Methylene Chloride
Concen: 122.581 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 84 Resp: 322379
Ion Ratio Lower Upper
84 100
49 128.8 98.2 147.4
51 38.8 30.7 46.1
86 64.4 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 134.274 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

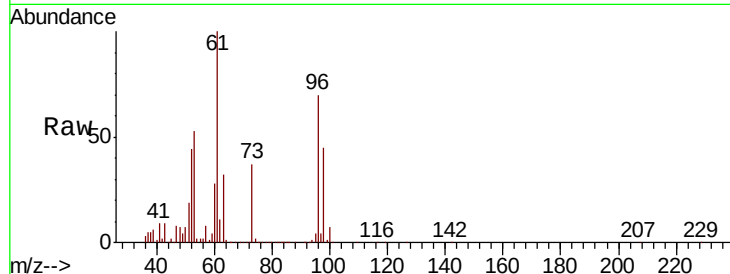
Tot Ion: 96 Resp: 298907

Ion Ratio Lower Upper

96 100

61 142.1 118.1 177.1

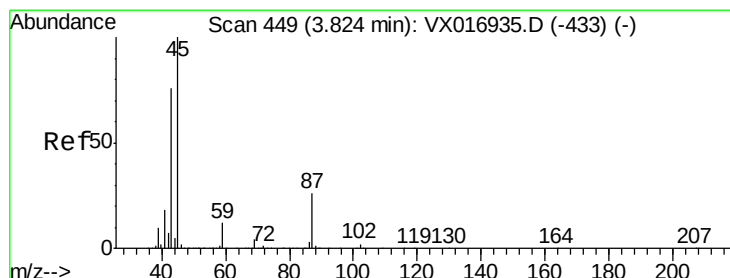
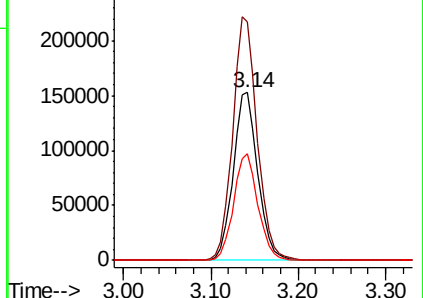
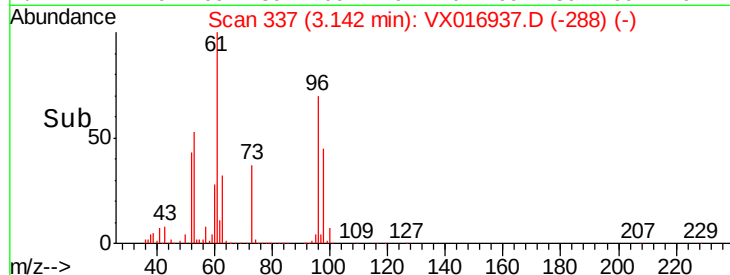
98 63.7 50.7 76.1



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: 157.706 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Tgt Ion: 45 Resp: 1133417

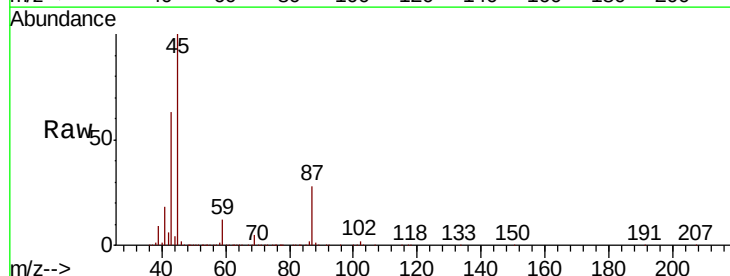
Ion Ratio Lower Upper

45 100

43 63.1 61.0 91.4

87 27.6 20.6 30.8

59 11.5 9.3 13.9

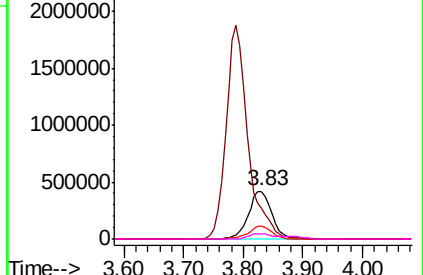
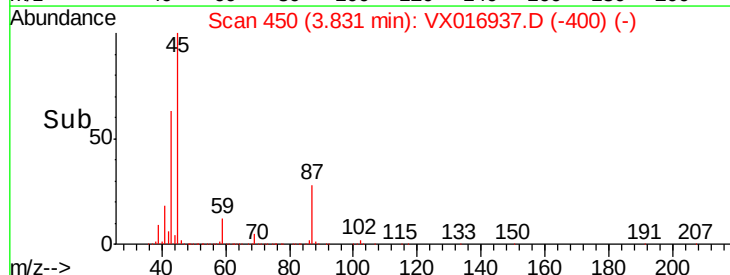


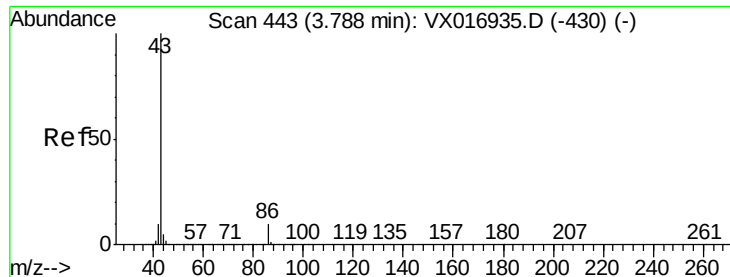
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 822.455 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

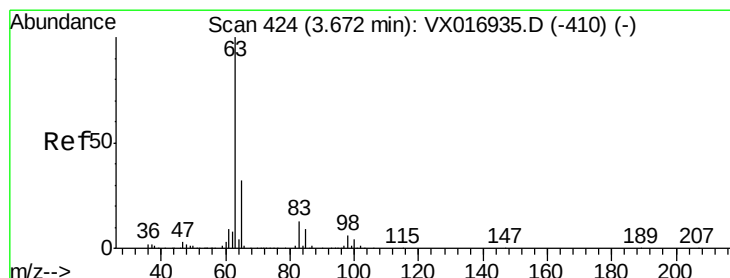
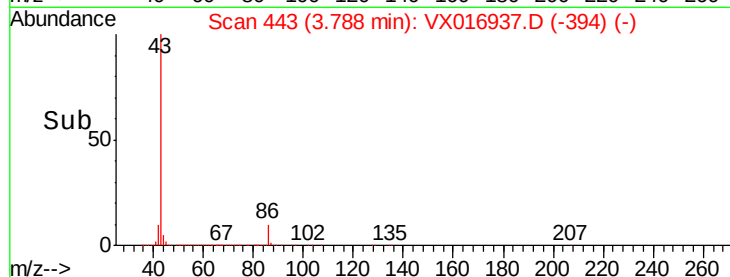
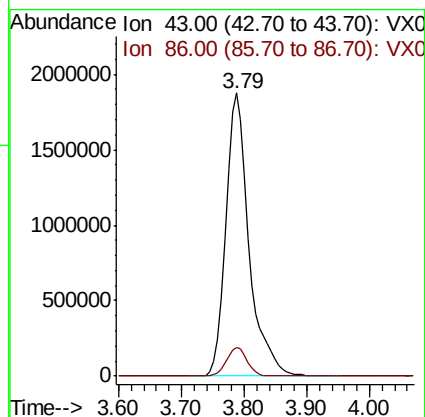
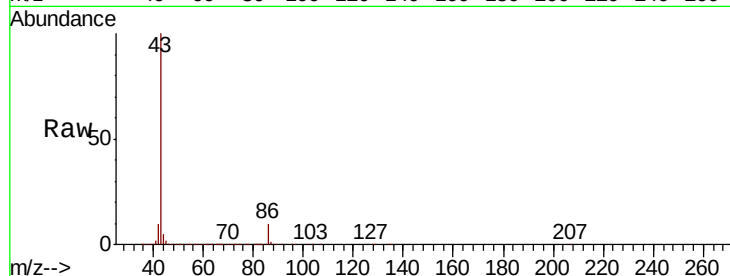
VSTDIC150

Tot Ion: 43 Resp: 4773794

Ion Ratio Lower Upper

43 100

86 10.2 8.0 12.0



#24

1,1-Dichloroethane

Concen: 141.523 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

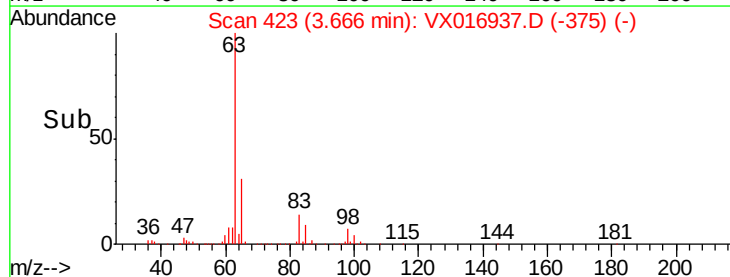
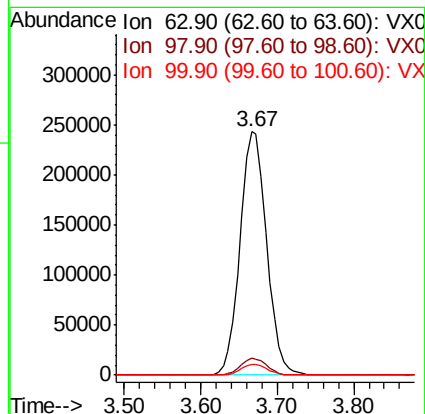
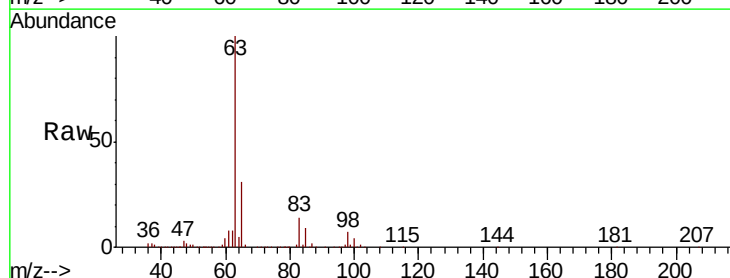
Tgt Ion: 63 Resp: 585698

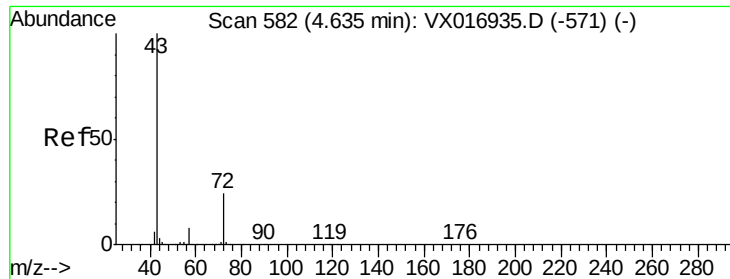
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 4.2 2.2 6.6

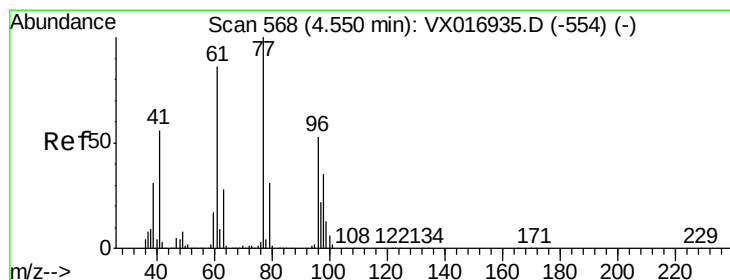
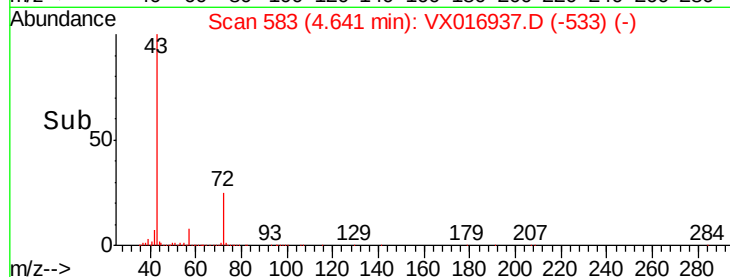
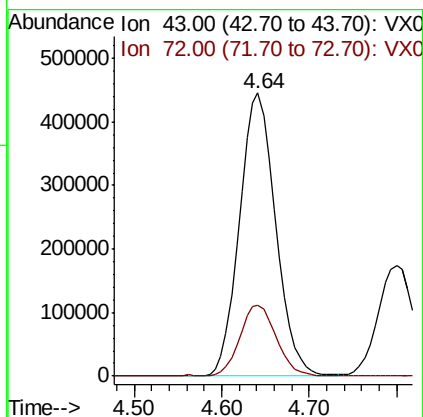
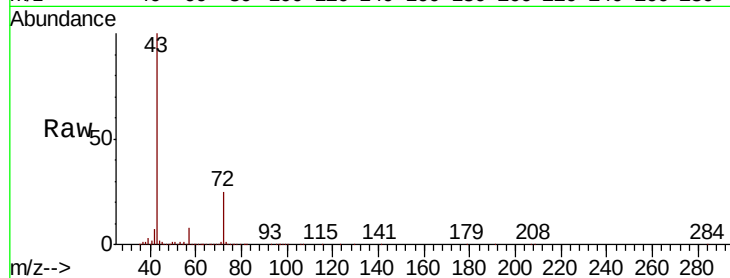




#25
2-Butanone
Concen: 767.691 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

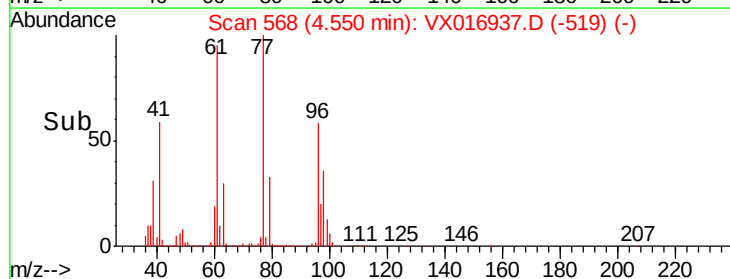
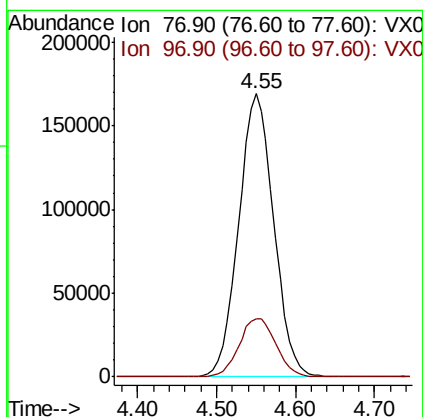
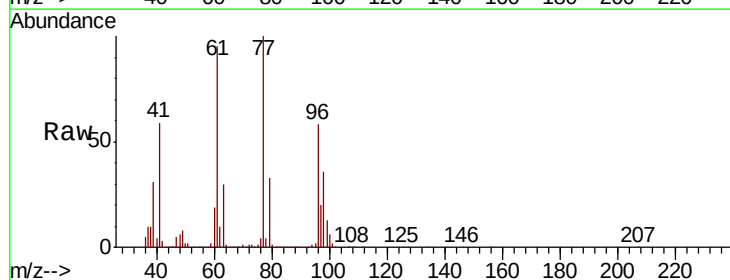
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

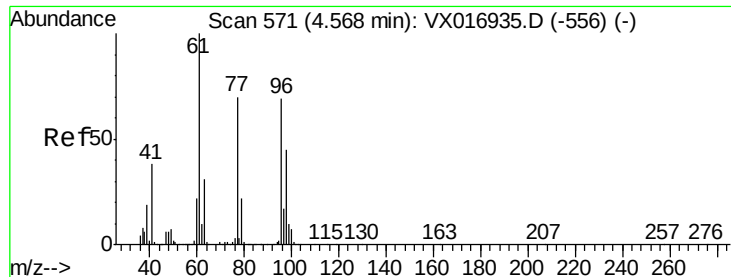
Tot Ion: 43 Resp: 1277274
Ion Ratio Lower Upper
43 100
72 24.8 19.6 29.4



#26
2,2-Dichloropropane
Concen: 143.095 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 77 Resp: 520617
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9



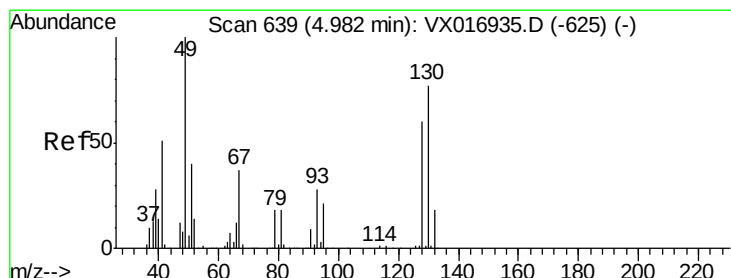
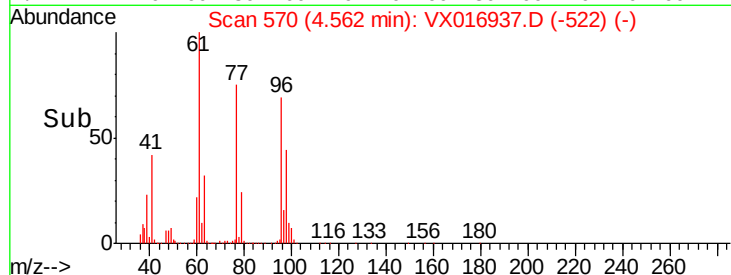
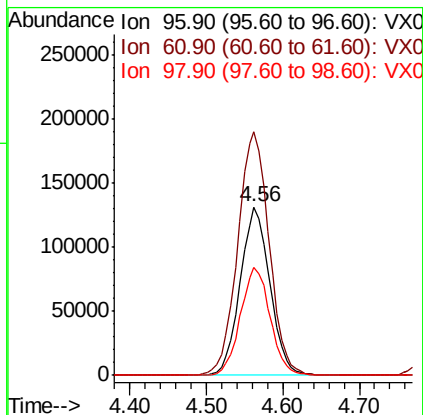
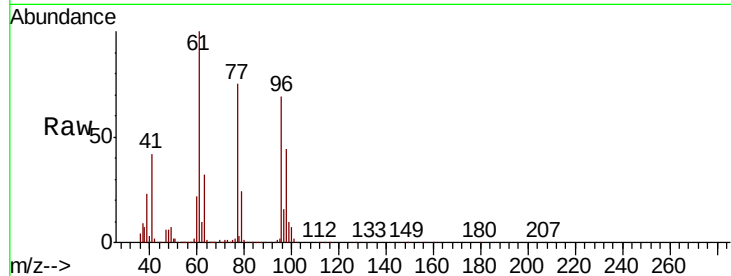


#27

cis-1,2-Dichloroethene
Concen: 141.709 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

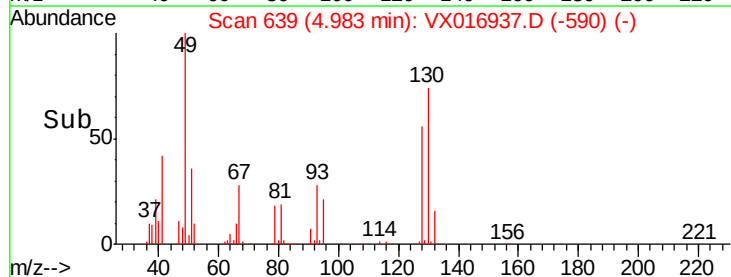
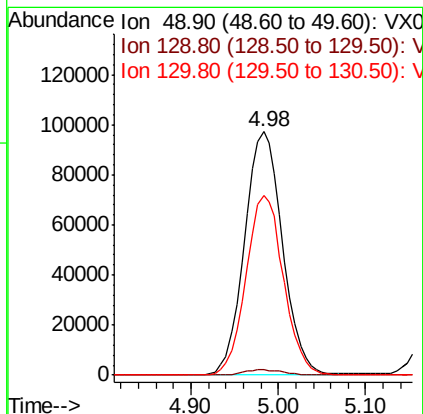
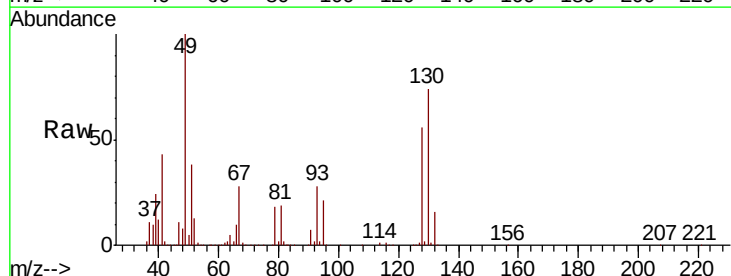
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	312.2
98	64.4	0.0	130.6

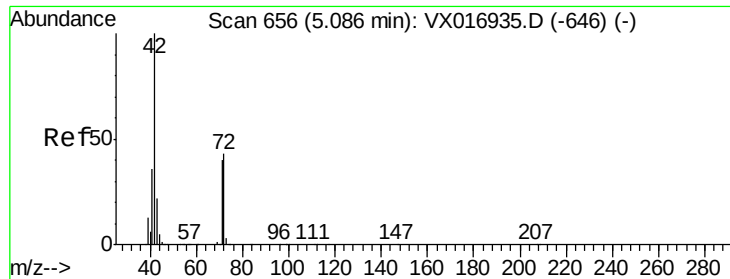


#28

Bromochloromethane
Concen: 136.702 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	72.9	58.7	88.1

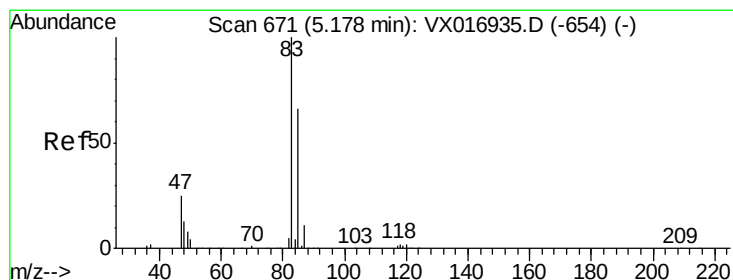
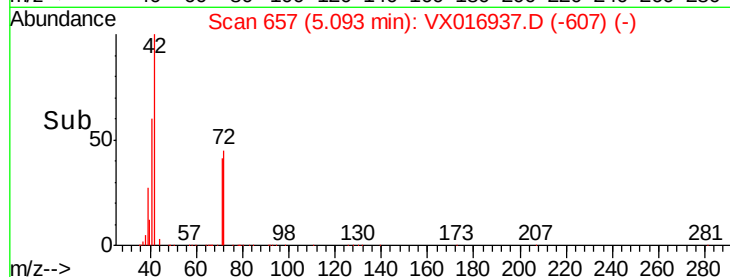
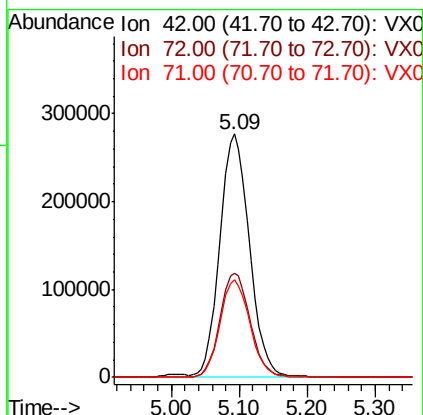
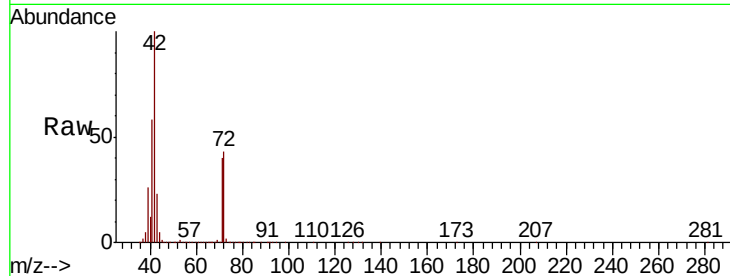




#29
Tetrahydrofuran
Concen: 818.237 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

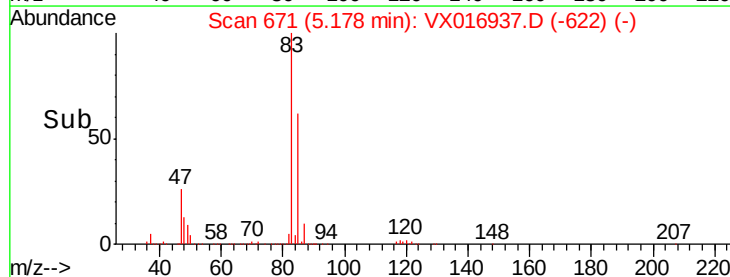
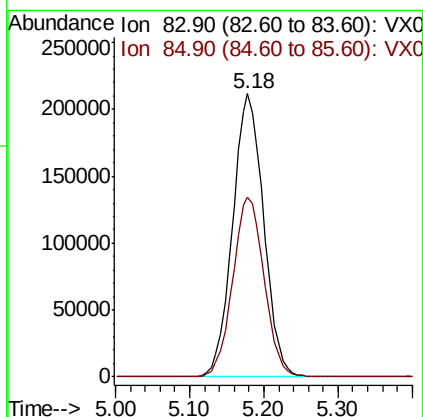
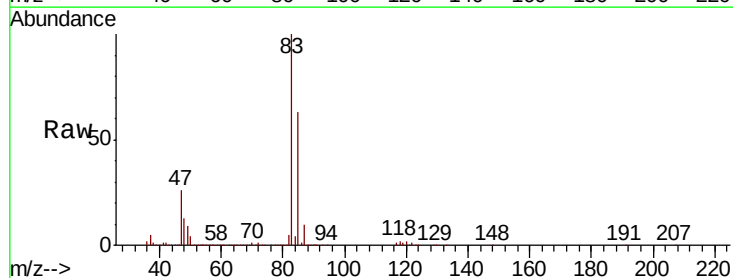
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

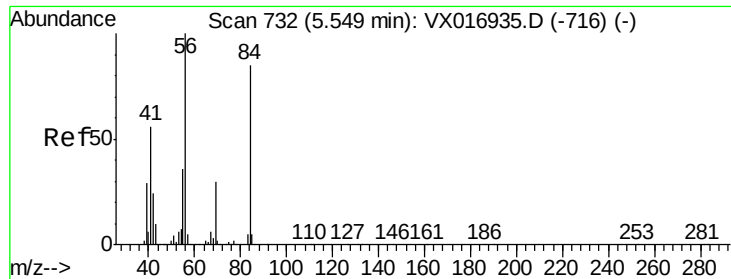
Tot Ion: 42 Resp: 835838
Ion Ratio Lower Upper
42 100
72 44.1 34.9 52.3
71 40.3 32.2 48.4



#30
Chloroform
Concen: 141.451 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 83 Resp: 616705
Ion Ratio Lower Upper
83 100
85 63.5 52.8 79.2

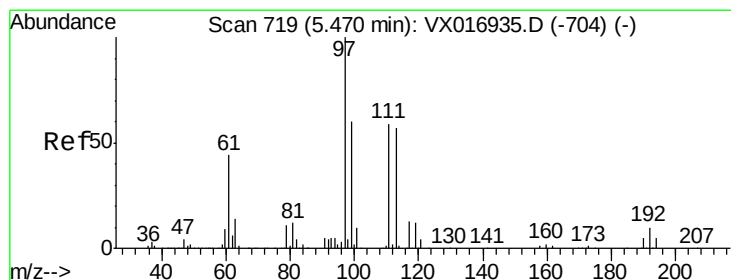
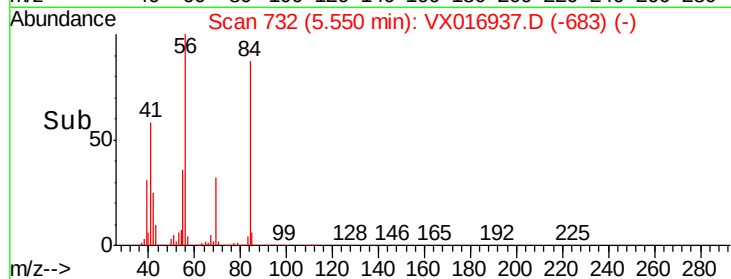
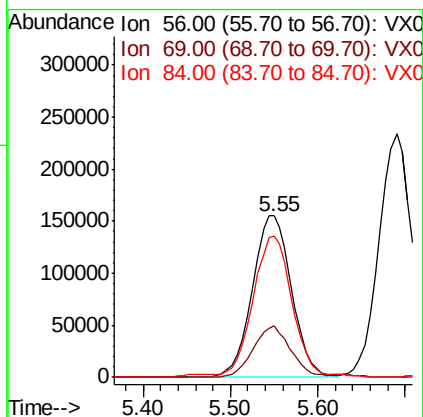
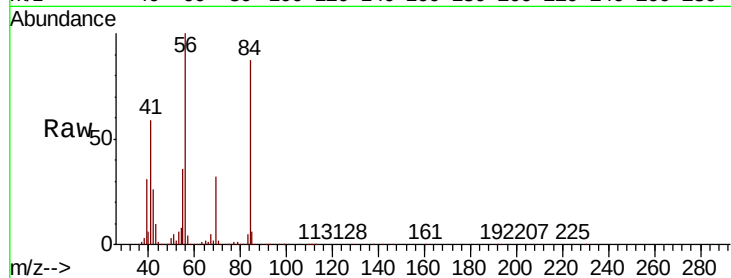




#31
Cyclohexane
Concen: 146.696 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

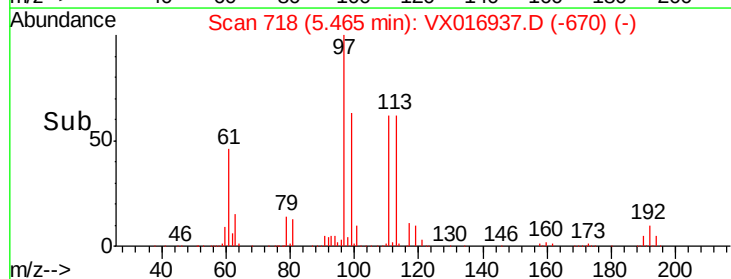
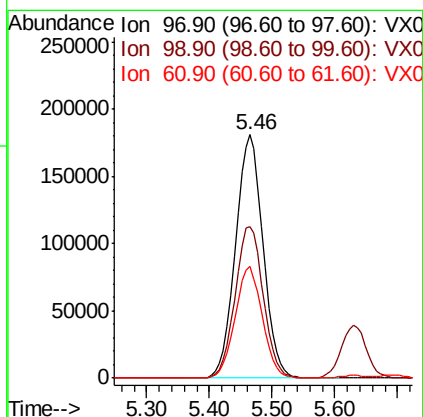
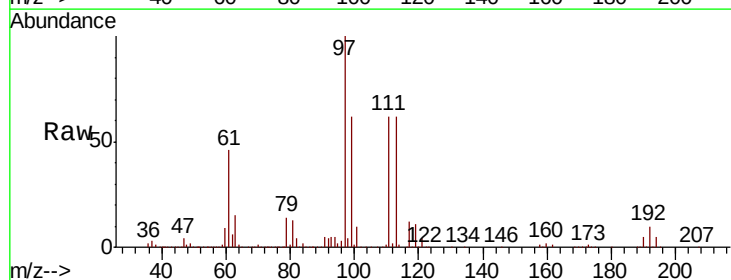
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

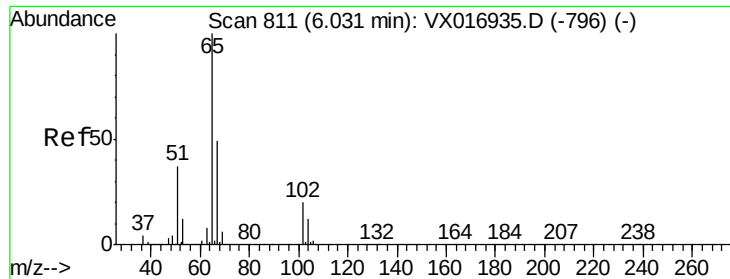
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.4	36.6
84	86.0	67.0	100.6



#32
1,1,1-Trichloroethane
Concen: 143.159 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	76.0
61	45.8	36.1	54.1

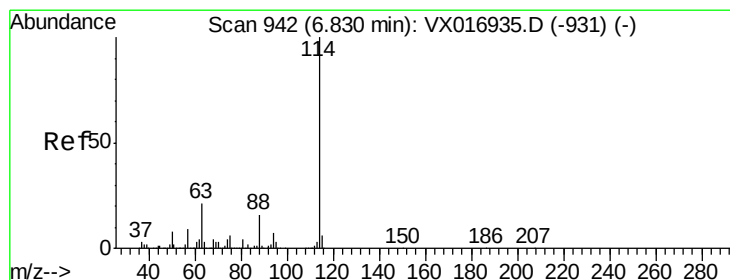
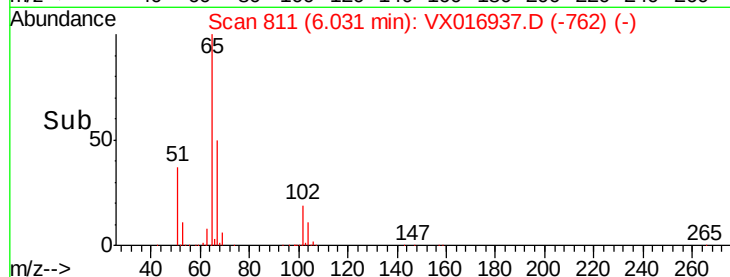
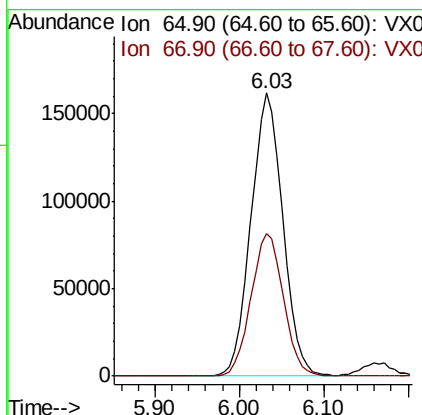
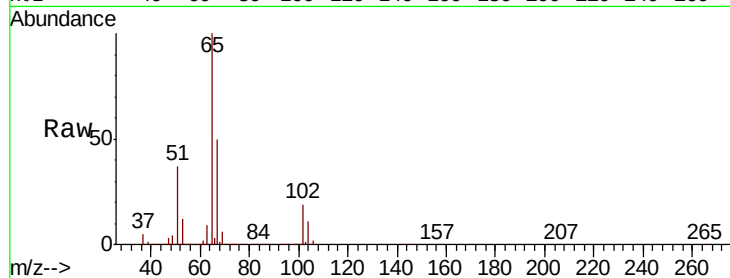




#33
 1,2-Dichloroethane-d4
 Concen: 150.042 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

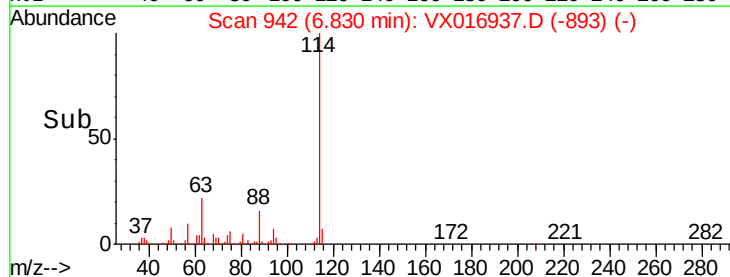
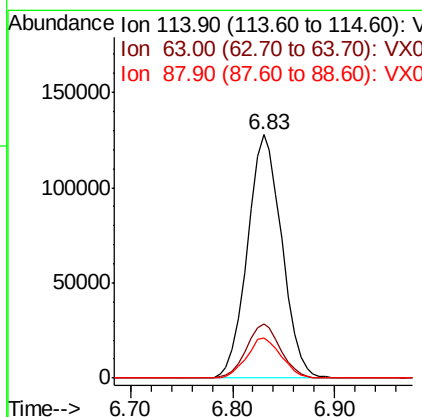
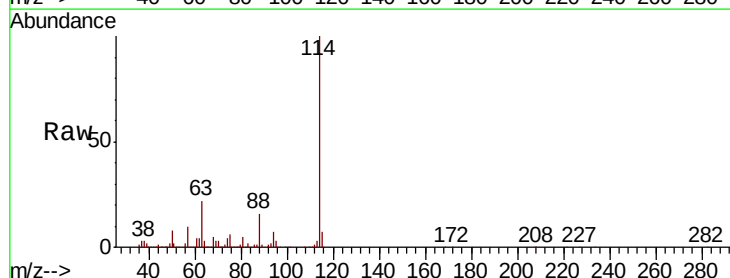
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

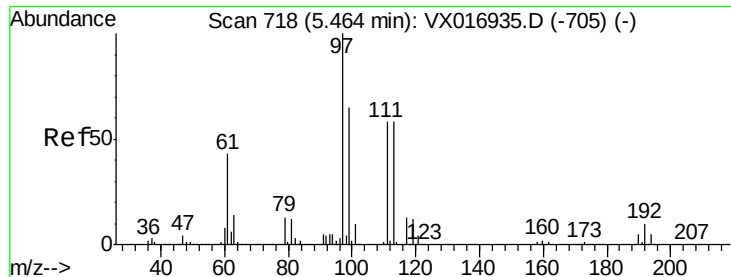
Tot Ion: 65 Resp: 416762
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion: 114 Resp: 299301
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.4
 88 16.4 0.0 32.4

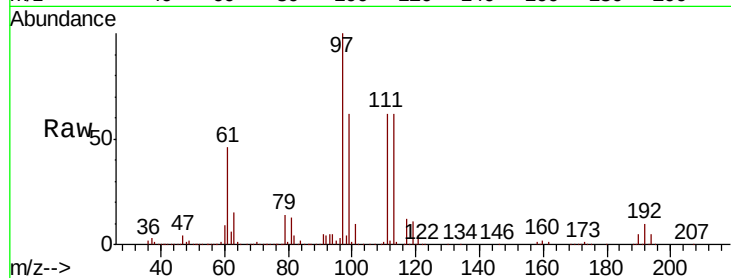




#35
Dibromofluoromethane
Concen: 153.844 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.0
192	17.3	14.6	22.0

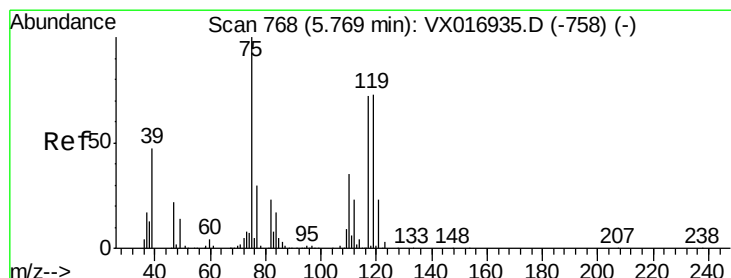
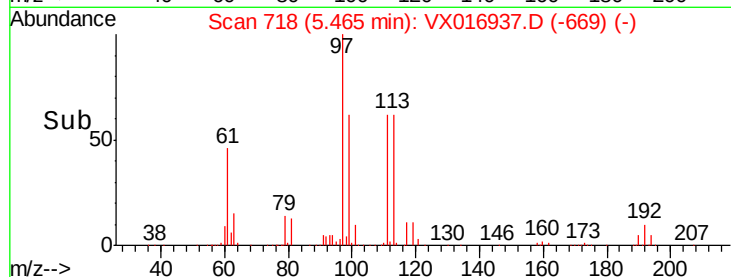
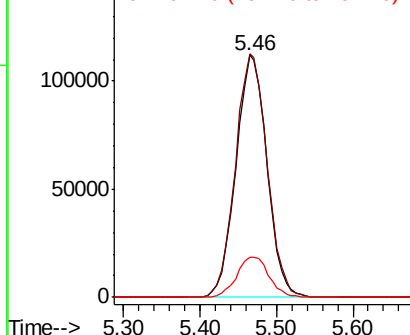


Abundance

Ion 112.80 (112.50 to 113.50): V

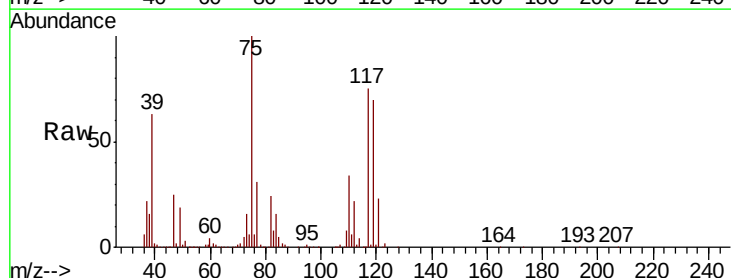
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 149.897 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.1	51.3
77	30.9	24.9	37.3

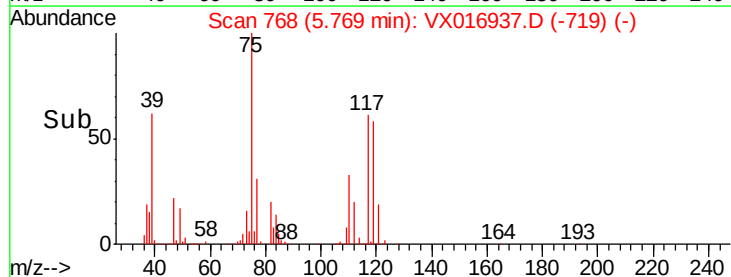
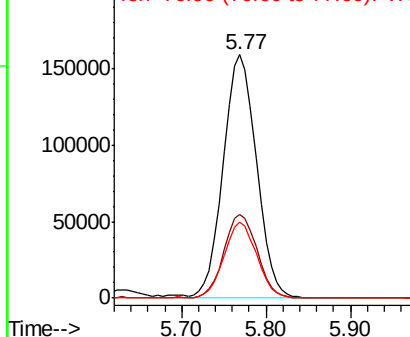


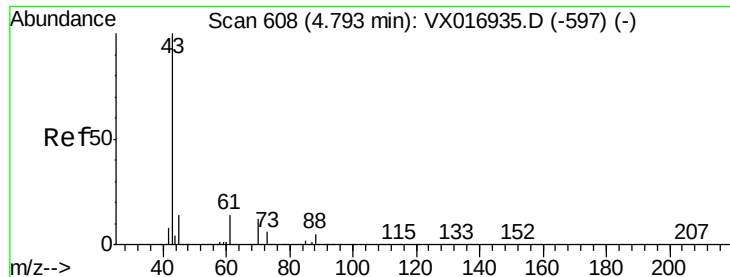
Abundance

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

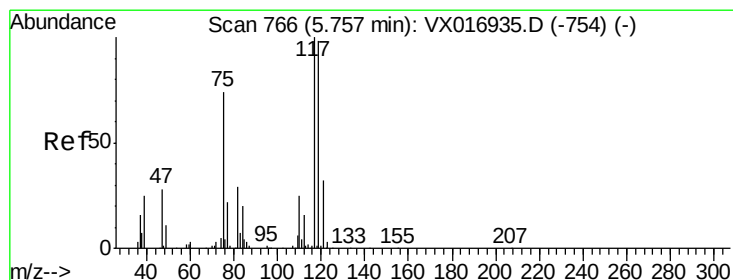
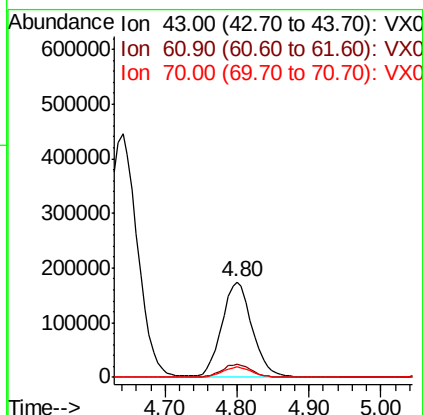
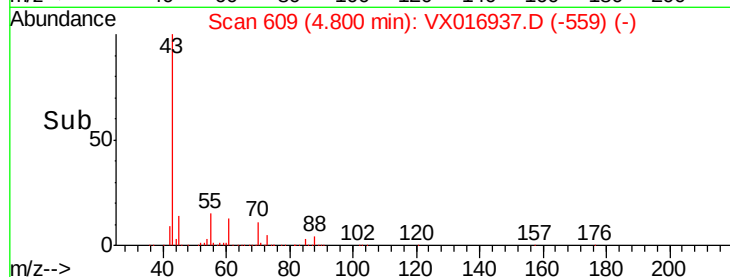
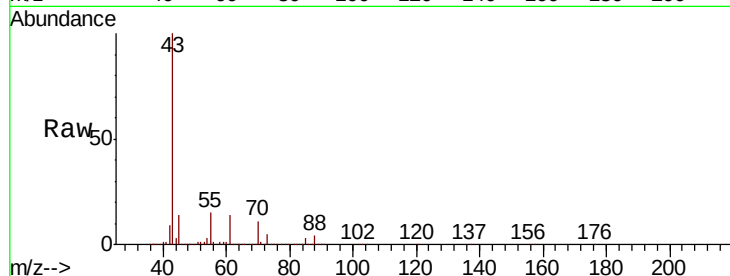




#37
Ethyl Acetate
Concen: 162.860 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

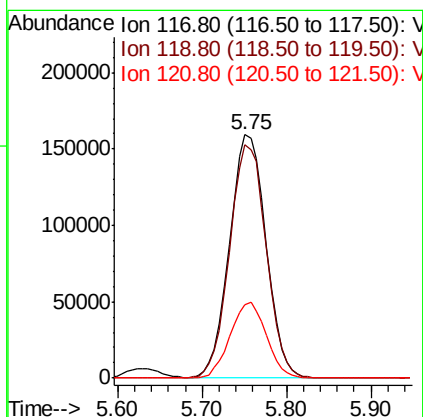
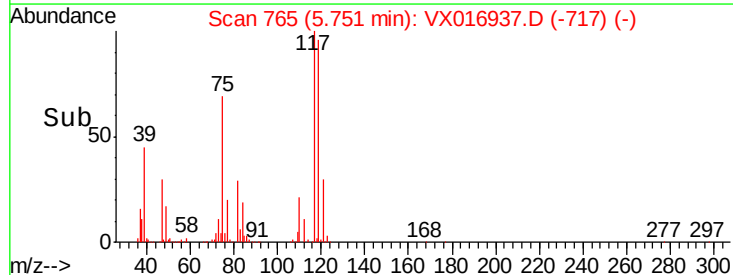
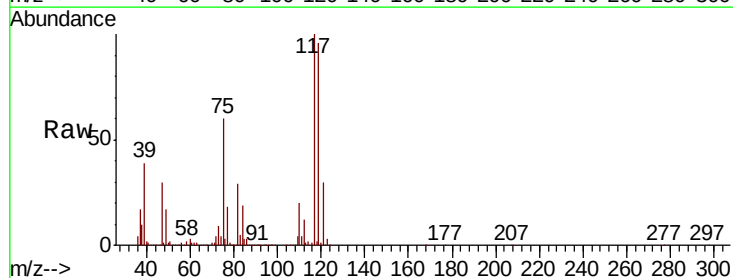
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

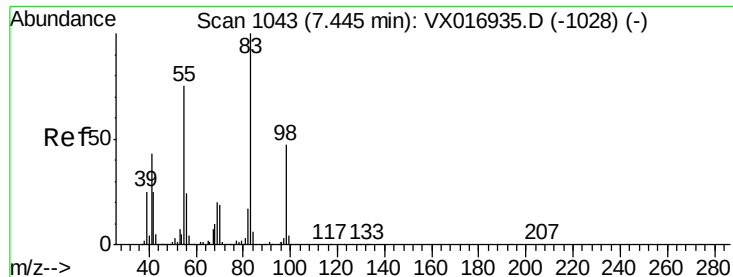
Tot Ion: 43 Resp: 510740
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 10.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 153.142 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 117 Resp: 467422
Ion Ratio Lower Upper
117 100
119 95.5 78.2 117.2
121 30.3 25.0 37.6

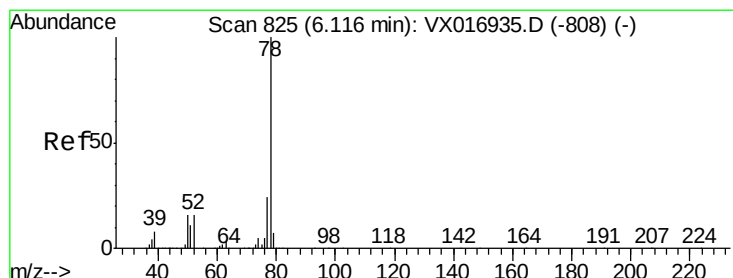
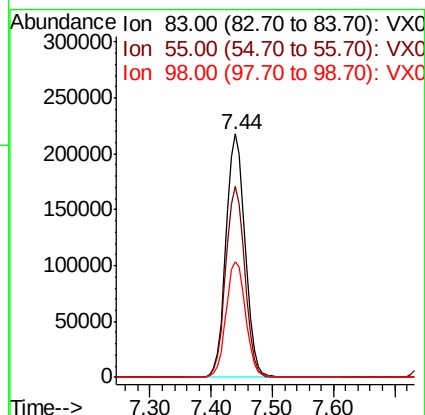
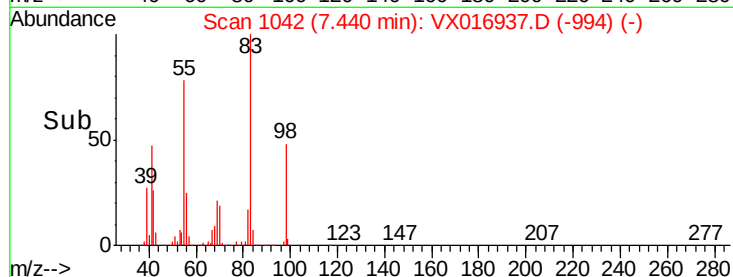
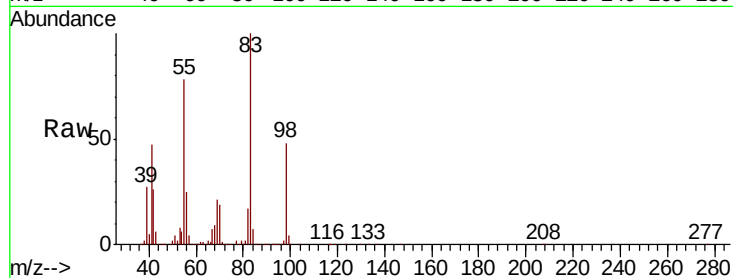




#39
Methylvlcyclohexane
Concen: 148.990 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

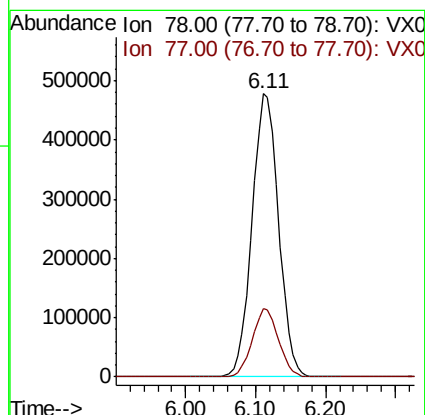
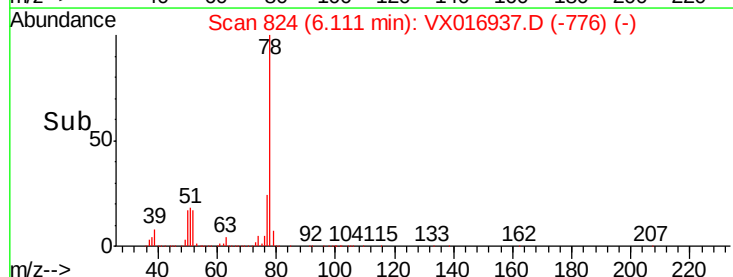
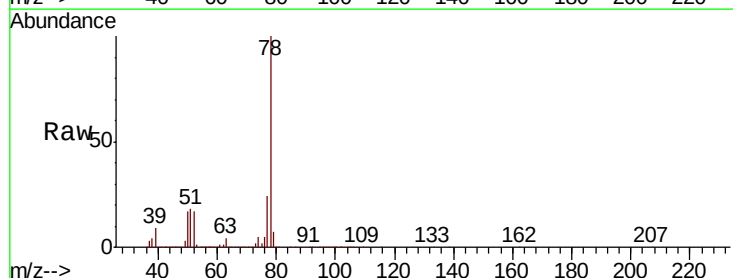
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

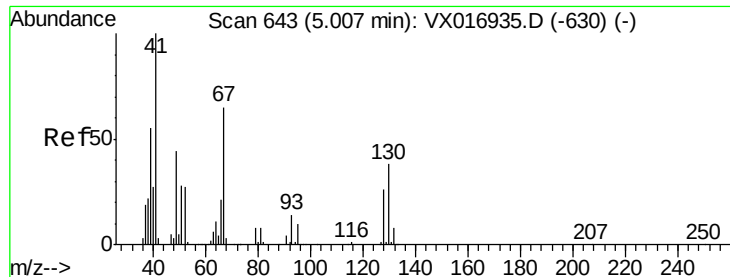
Tot Ion: 83 Resp: 468676
Ion Ratio Lower Upper
83 100
55 78.4 59.9 89.9
98 47.7 37.3 55.9



#40
Benzene
Concen: 153.614 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 78 Resp: 1256256
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7





#41

Methacrylonitrile

Concen: 160.173 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 292619

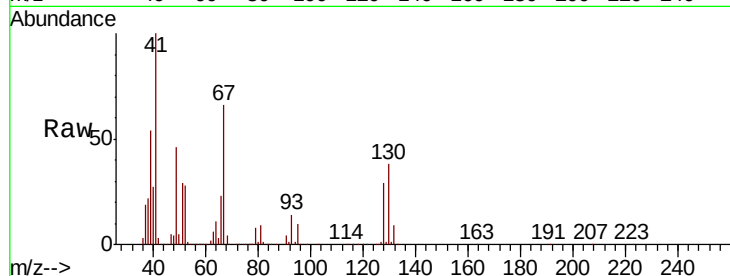
Ion Ratio Lower Upper

41 100

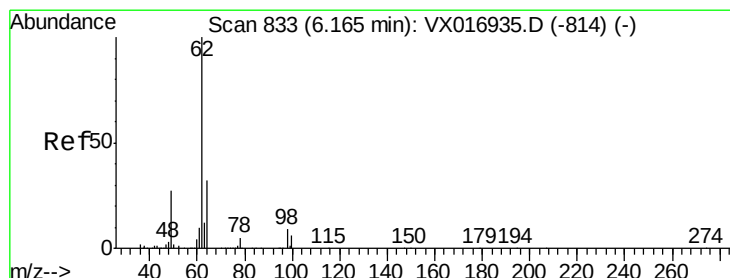
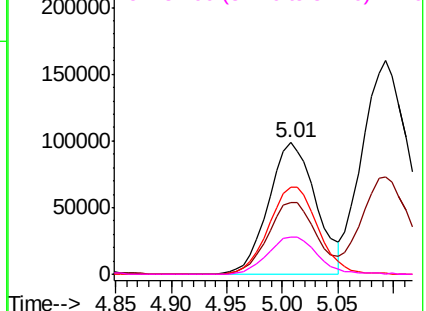
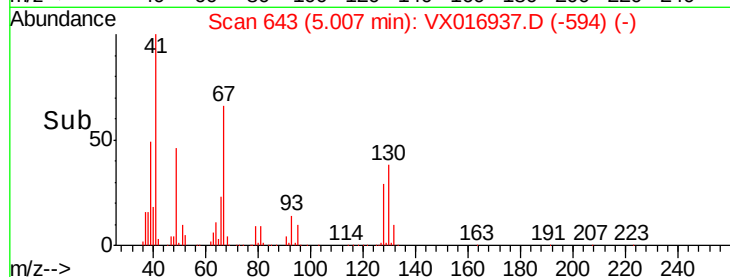
39 56.0 44.2 66.2

67 68.4 55.1 82.7

52 29.3 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: 150.073 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016937.D

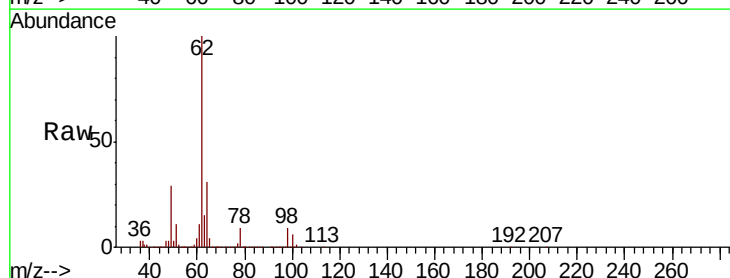
Acq: 23 Jun 2020 18:01

Tgt Ion: 62 Resp: 503758

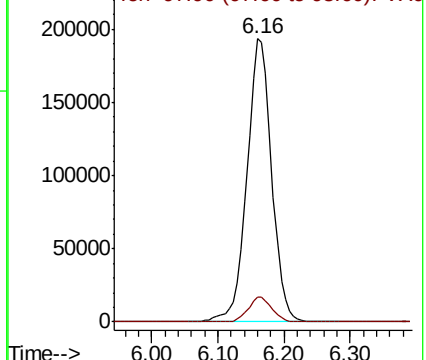
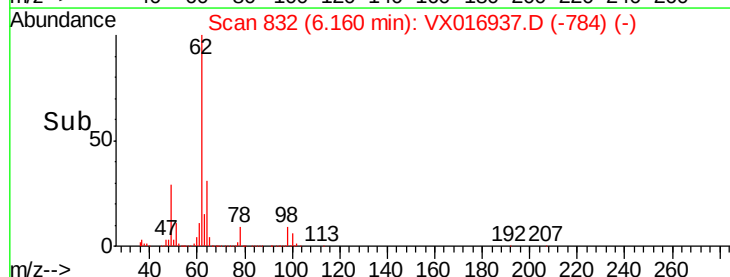
Ion Ratio Lower Upper

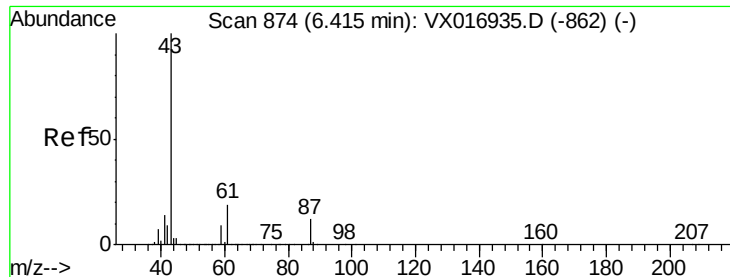
62 100

98 8.5 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: 159.399 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

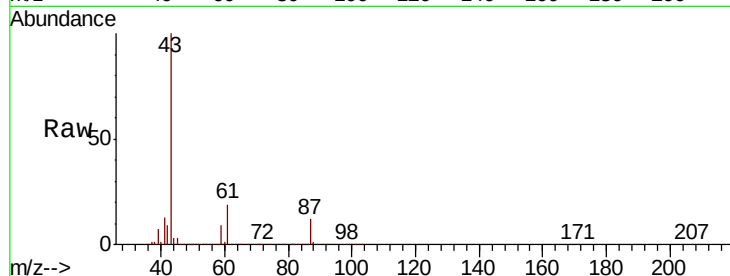
Tot Ion: 43 Resp: 870986

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

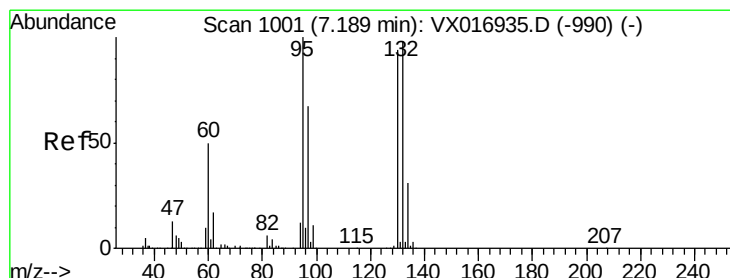
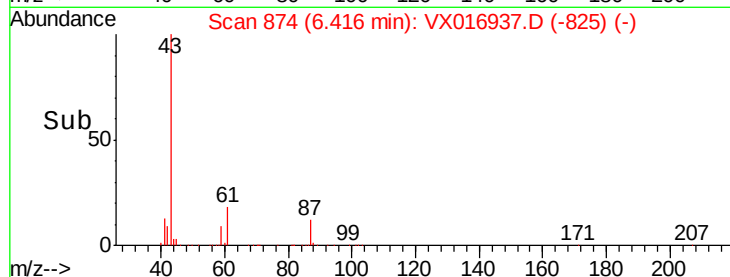
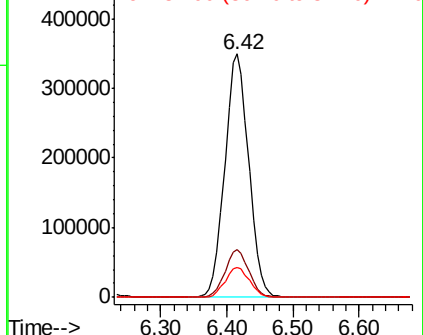
87 12.6 10.2 15.2



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: 144.123 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016937.D

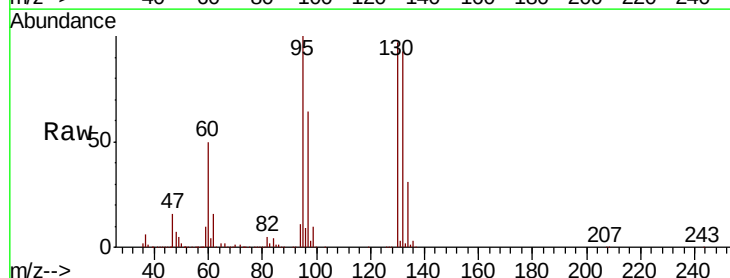
Acq: 23 Jun 2020 18:01

Tgt Ion:130 Resp: 329911

Ion Ratio Lower Upper

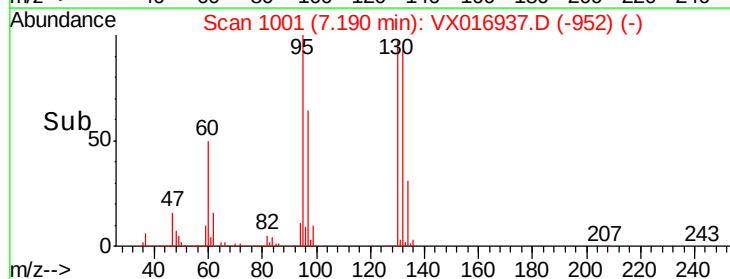
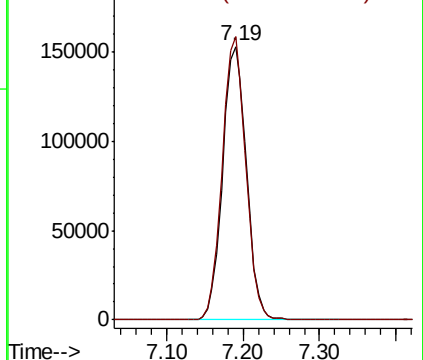
130 100

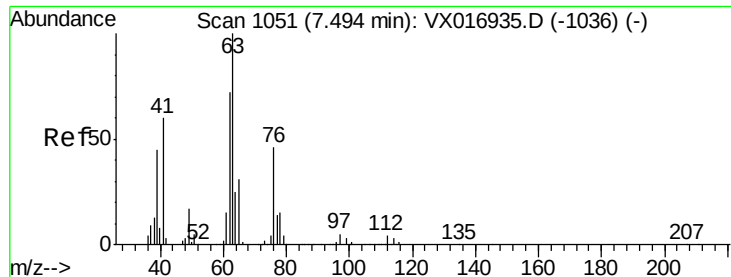
95 103.5 0.0 213.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 149.651 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

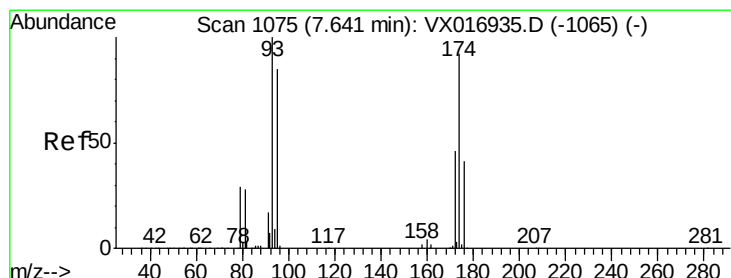
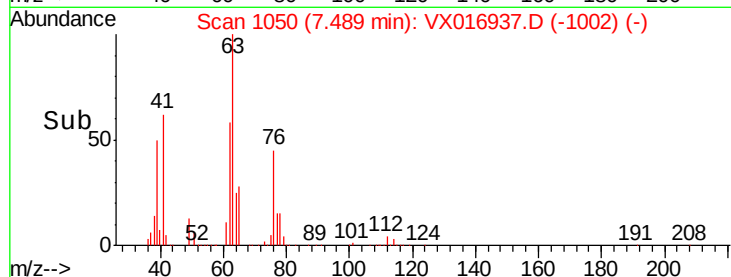
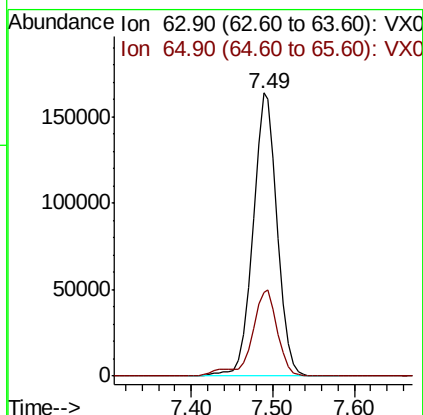
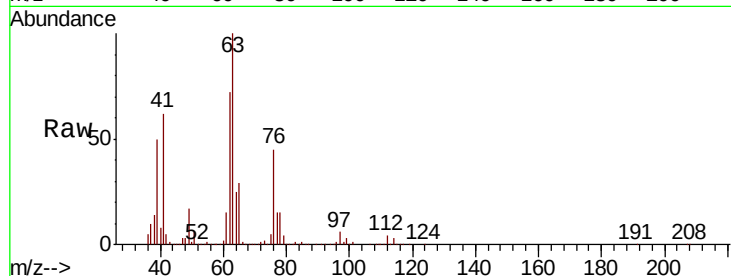
VSTDIC150

Tot Ion: 63 Resp: 339061

Ion Ratio Lower Upper

63 100

65 29.4 24.4 36.6



#46

Dibromomethane

Concen: 148.441 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

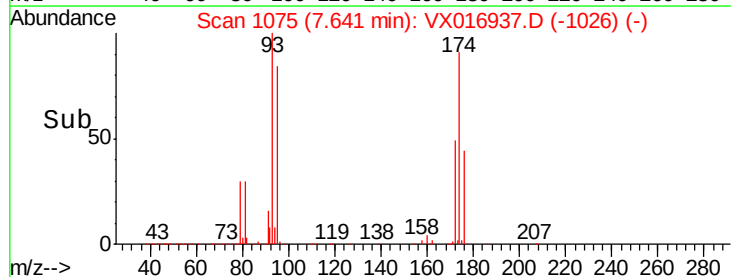
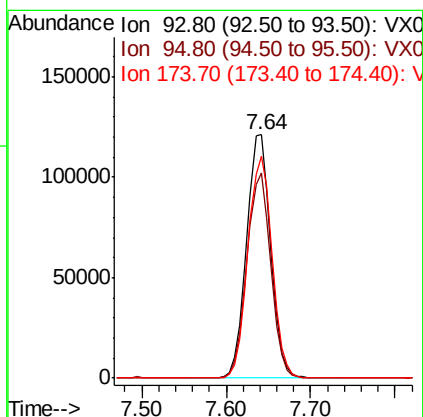
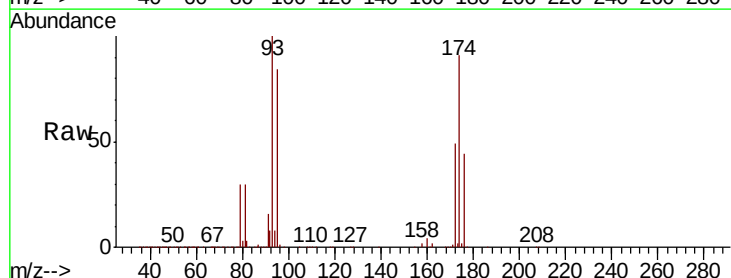
Tgt Ion: 93 Resp: 232453

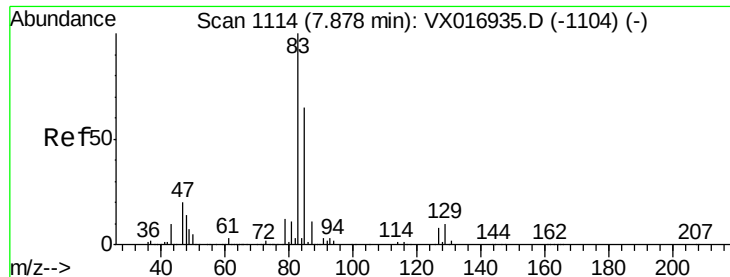
Ion Ratio Lower Upper

93 100

95 83.7 66.3 99.5

174 91.7 71.1 106.7





#47

Bromodichloromethane

Concen: 156.851 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

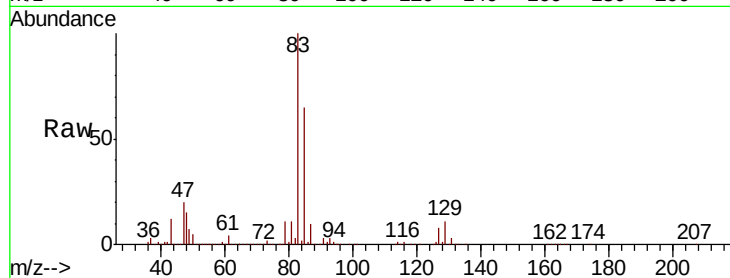
Tot Ion: 83 Resp: 515158

Ion Ratio Lower Upper

83 100

85 64.5 52.4 78.6

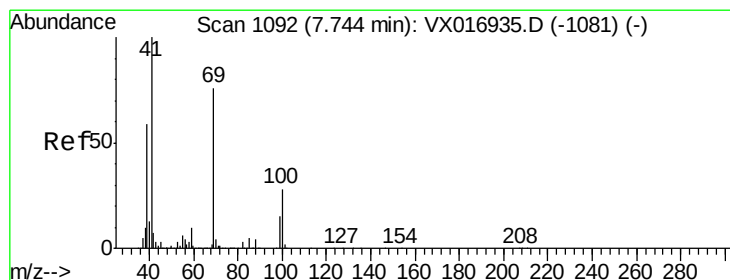
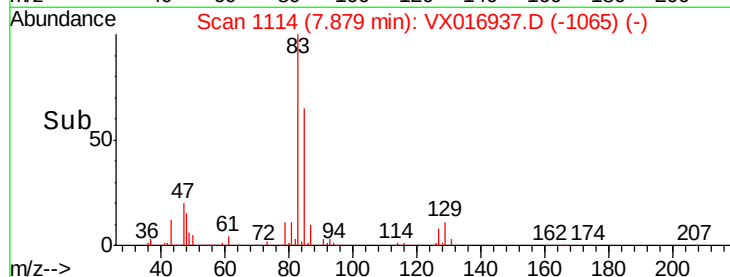
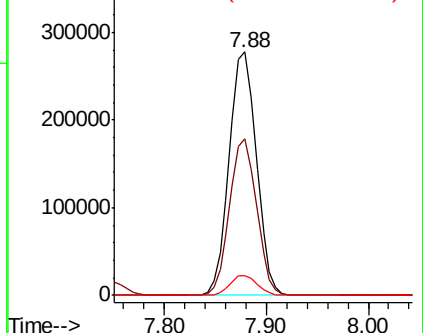
127 8.2 6.7 10.1



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: 167.408 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

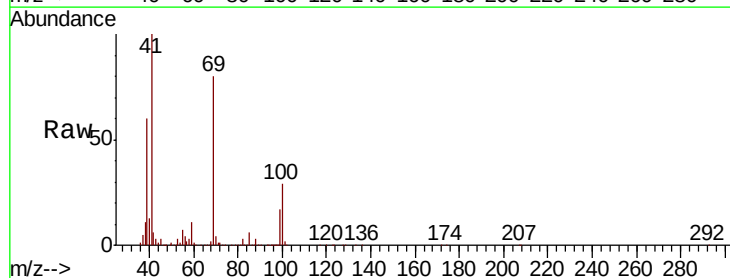
Tgt Ion: 41 Resp: 425344

Ion Ratio Lower Upper

41 100

69 79.2 62.5 93.7

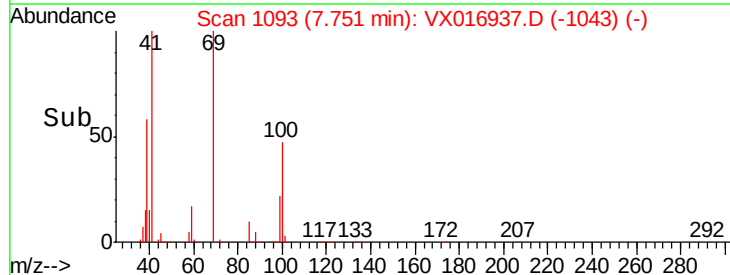
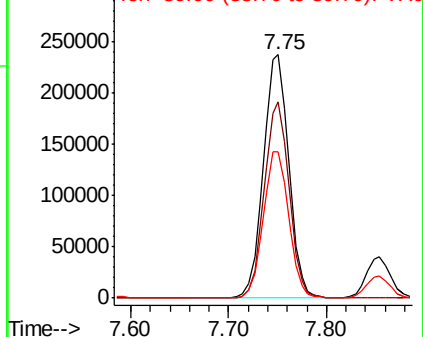
39 60.5 49.1 73.7

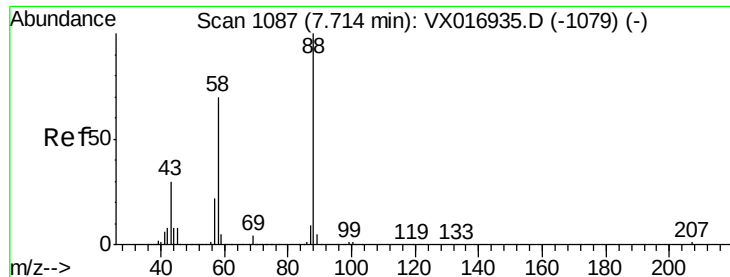


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

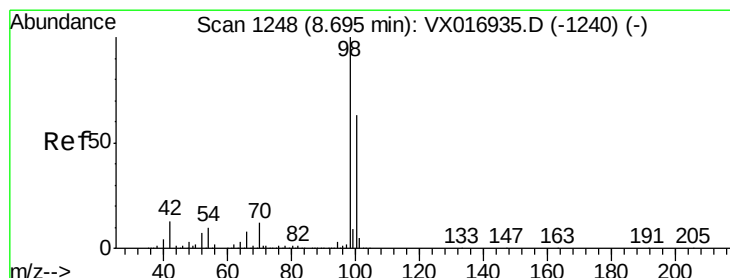
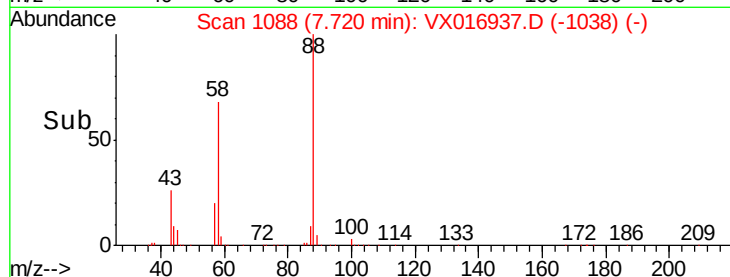
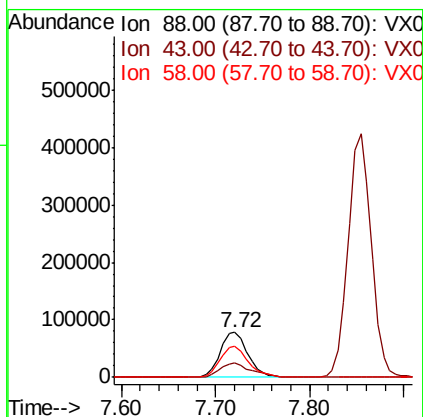
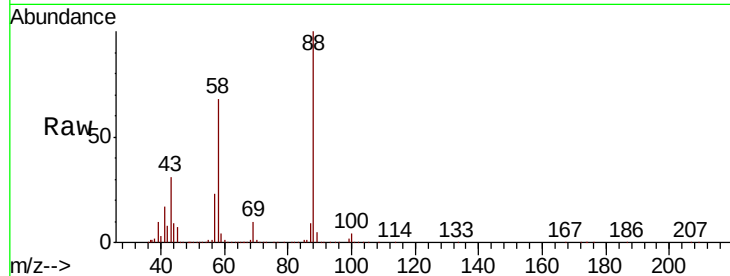




#49
1,4-Dioxane
Concen: 2926.227 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

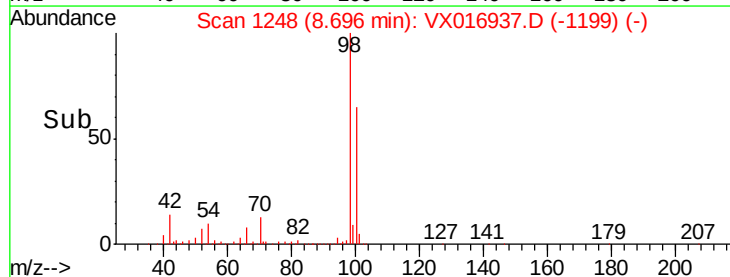
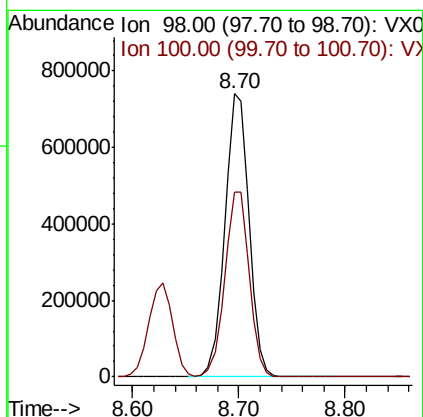
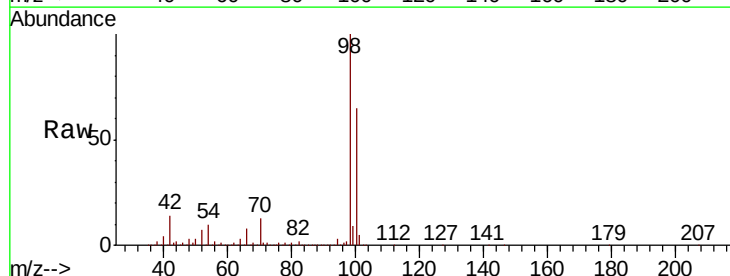
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

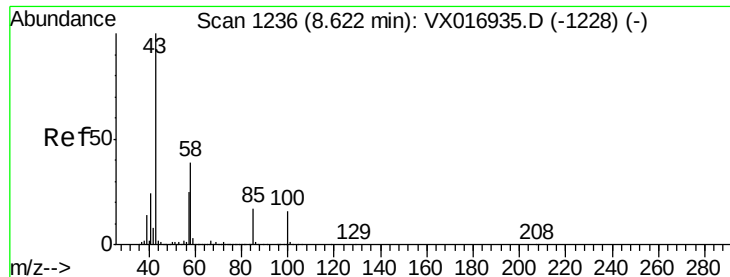
Tot Ion: 88 Resp: 159899
Ion Ratio Lower Upper
88 100
43 35.4 27.3 40.9
58 71.9 57.4 86.0



#50
Toluene-d8
Concen: 162.293 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 98 Resp: 1172618
Ion Ratio Lower Upper
98 100
100 66.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 836.820 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

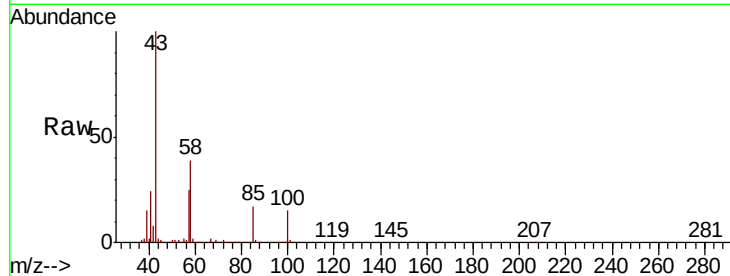
VSTDIC150

Tot Ion: 43 Resp: 2663416

Ion Ratio Lower Upper

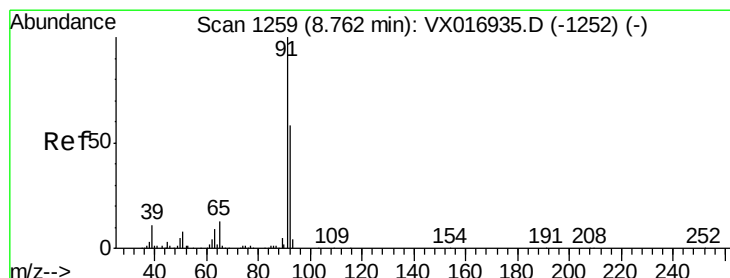
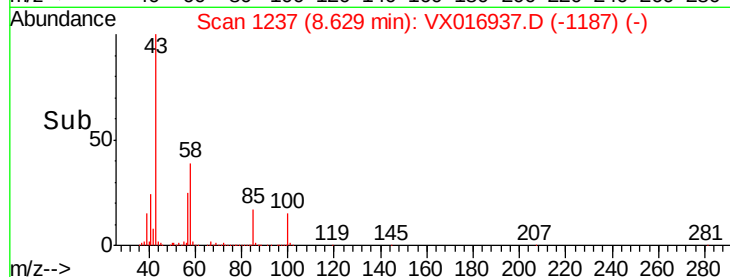
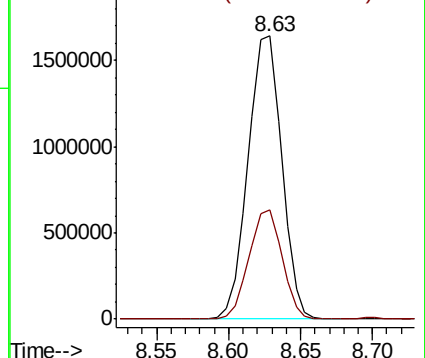
43 100

58 37.9 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: 160.966 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016937.D

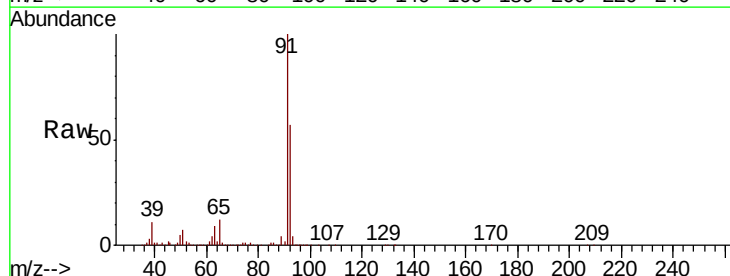
Acq: 23 Jun 2020 18:01

Tgt Ion: 92 Resp: 808610

Ion Ratio Lower Upper

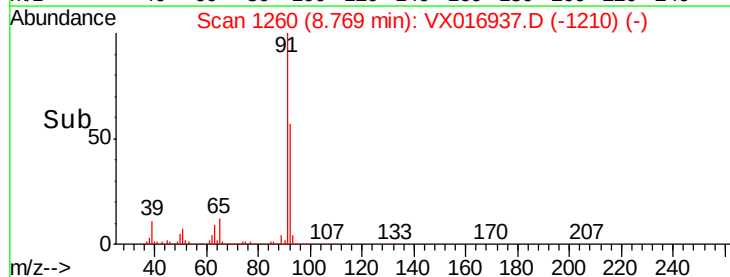
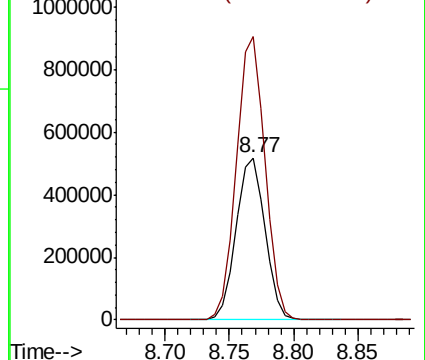
92 100

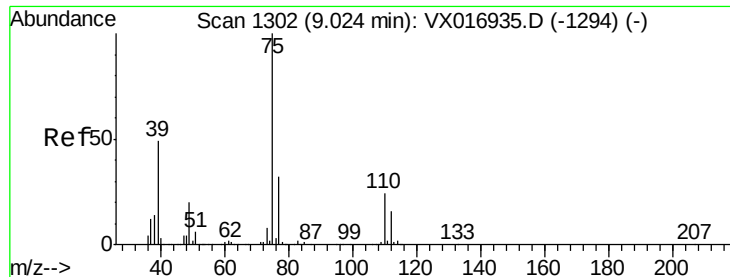
91 172.9 137.4 206.0



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: 156.911 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

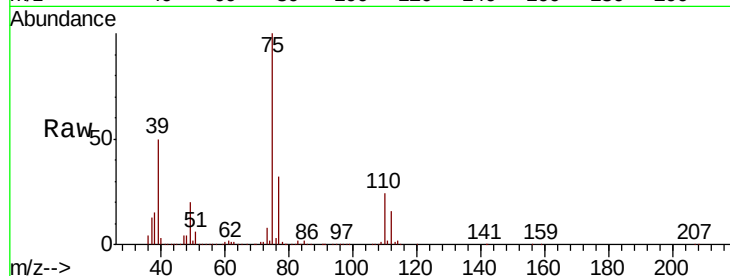
VSTDIC150

Tot Ion: 75 Resp: 593196

Ion Ratio Lower Upper

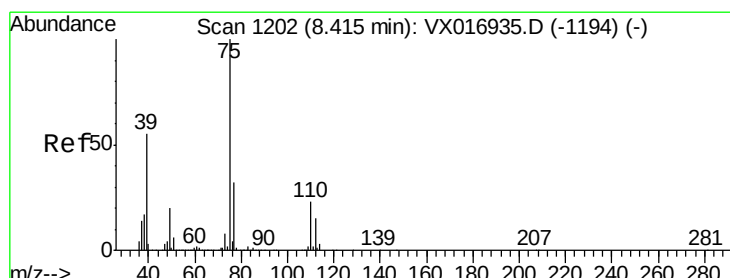
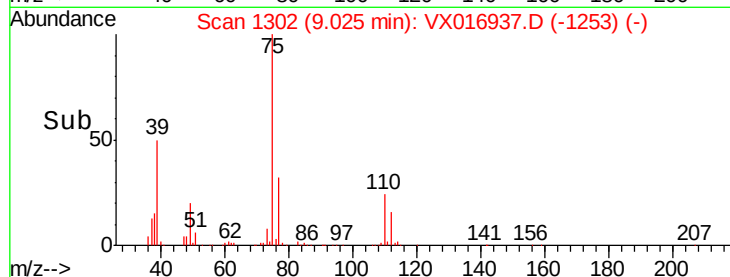
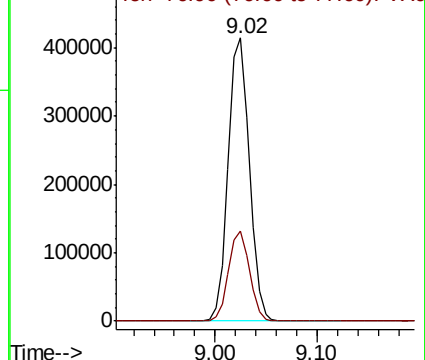
75 100

77 32.0 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 162.378 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

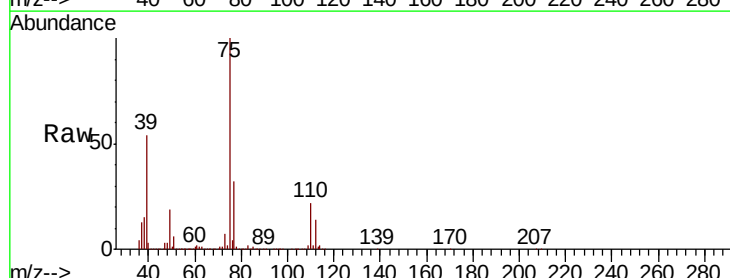
Tgt Ion: 75 Resp: 592348

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

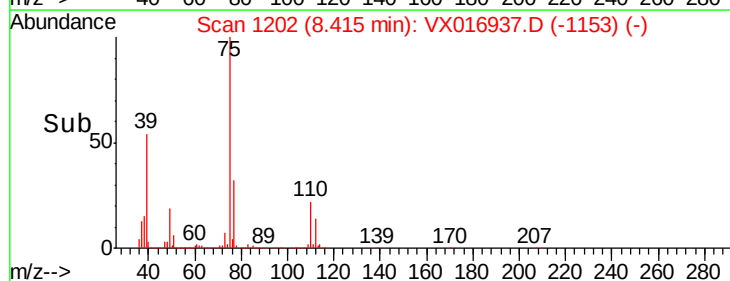
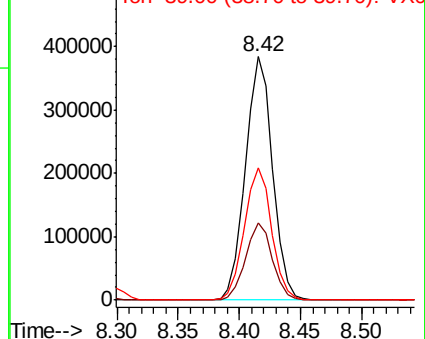
39 54.3 44.4 66.6

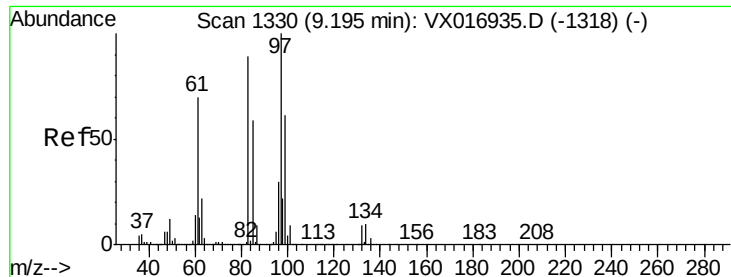


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

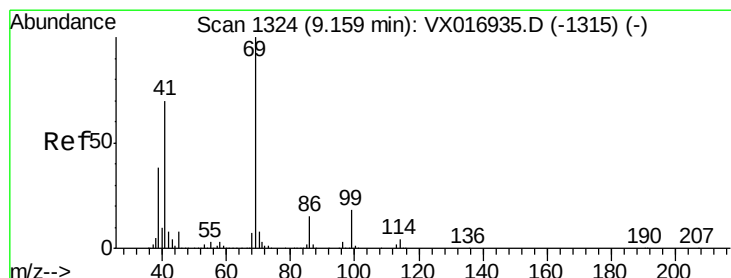
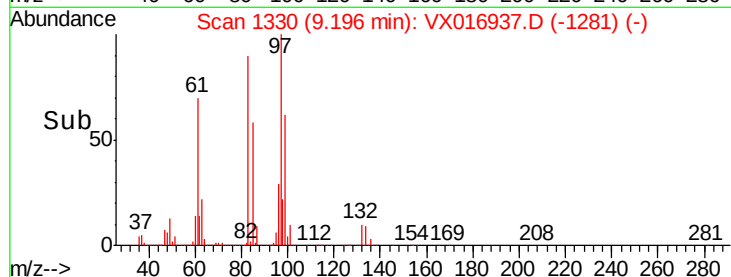
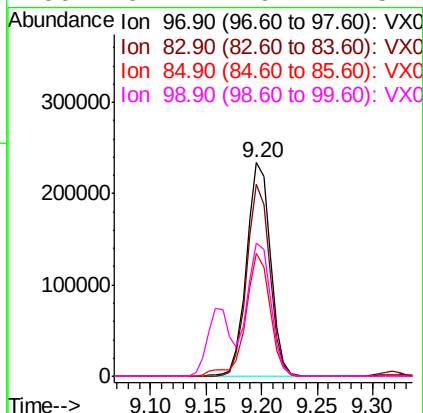
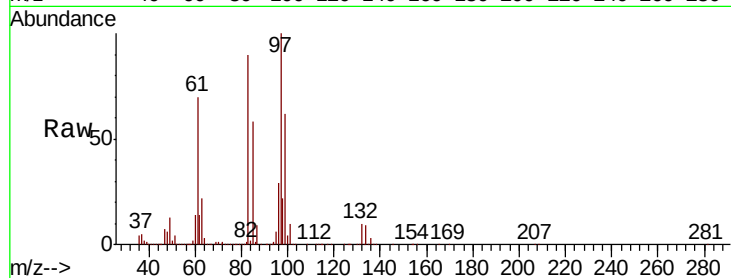




#55
 1,1,2-Trichloroethane
 Concen: 153.790 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

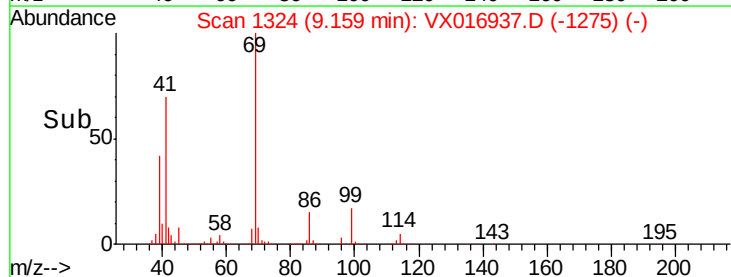
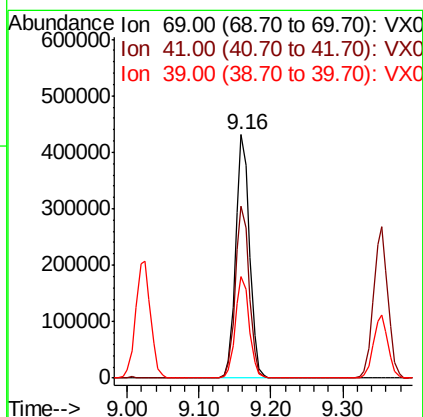
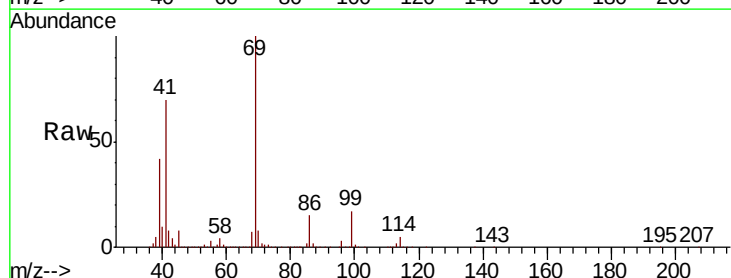
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

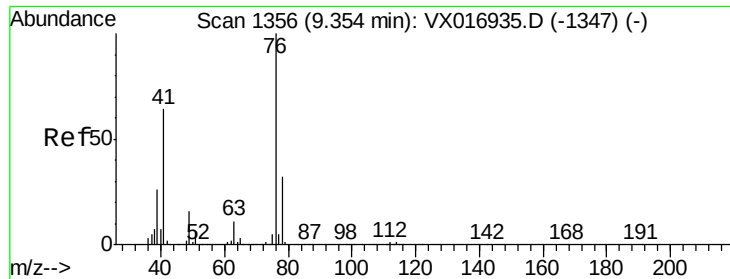
Tot Ion: 97 Resp: 349896
 Ion Ratio Lower Upper
 97 100
 83 89.7 71.3 106.9
 85 57.6 47.4 71.2
 99 62.1 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 164.328 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion: 69 Resp: 579101
 Ion Ratio Lower Upper
 69 100
 41 70.9 56.6 84.8
 39 42.0 31.8 47.8

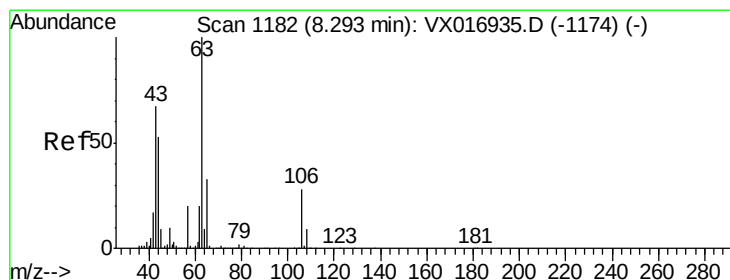
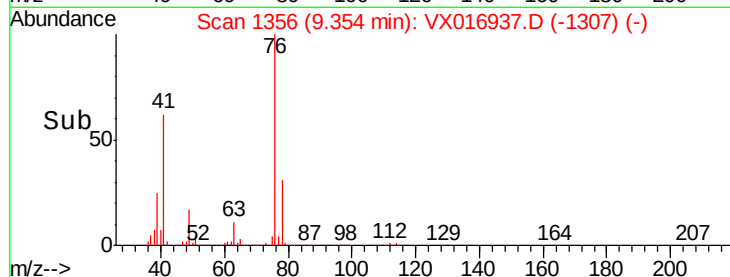
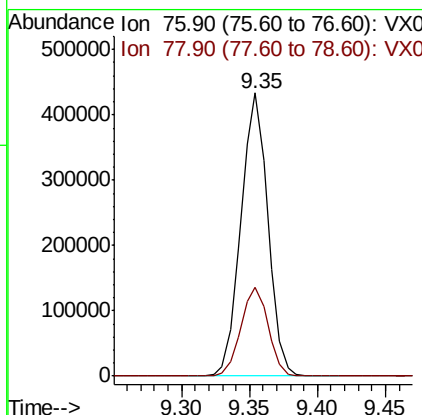
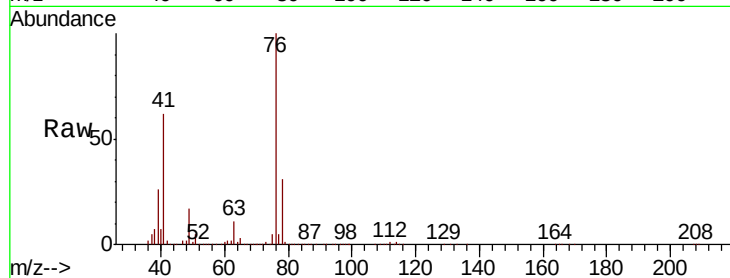




#57
 1,3-Dichloropropane
 Concen: 157.013 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

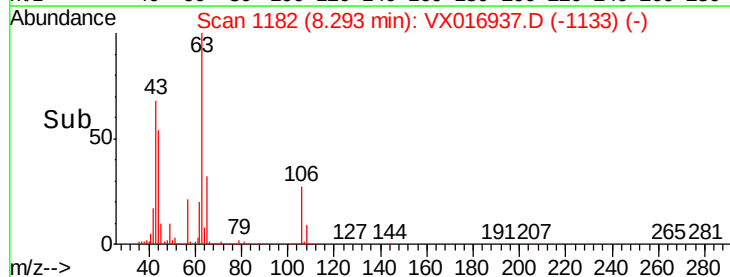
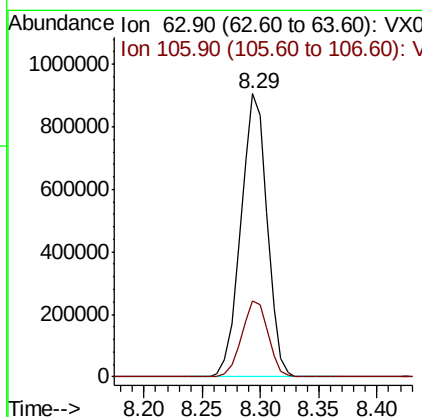
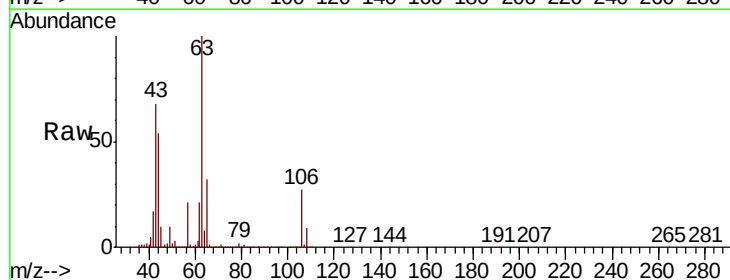
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

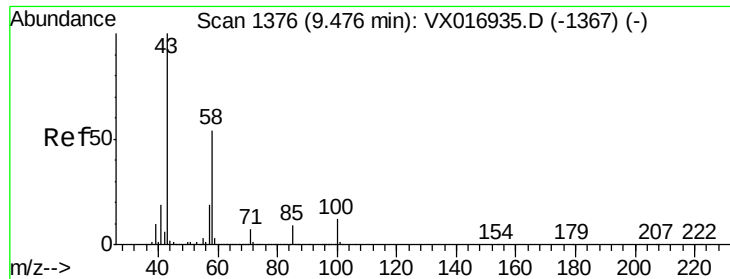
Tot Ion: 76 Resp: 598722
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 987.650 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion: 63 Resp: 1425682
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.4 33.6

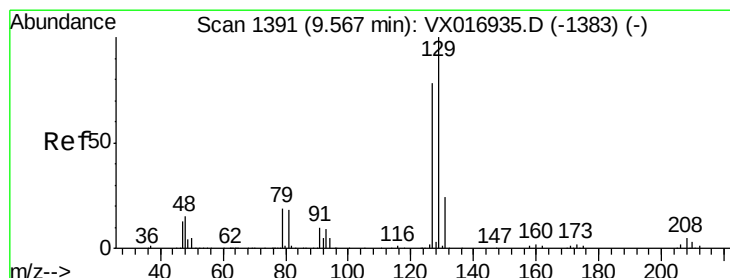
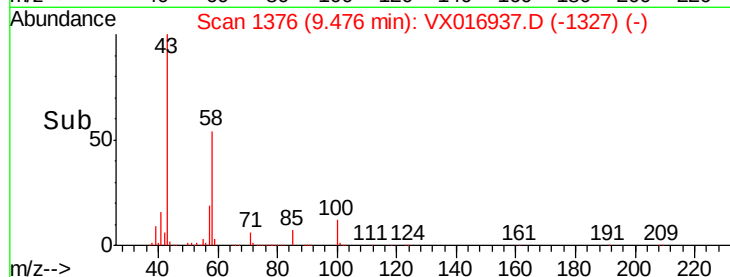
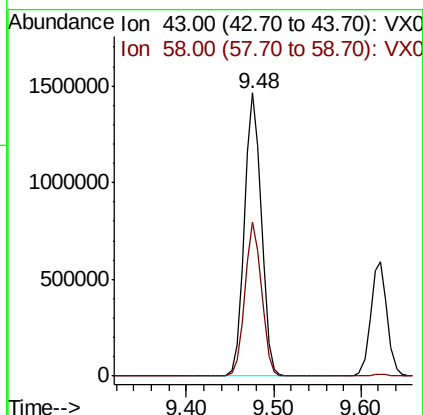
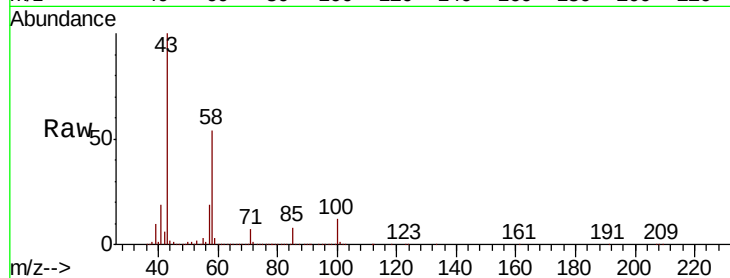




#59
2-Hexanone
Concen: 804.900 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

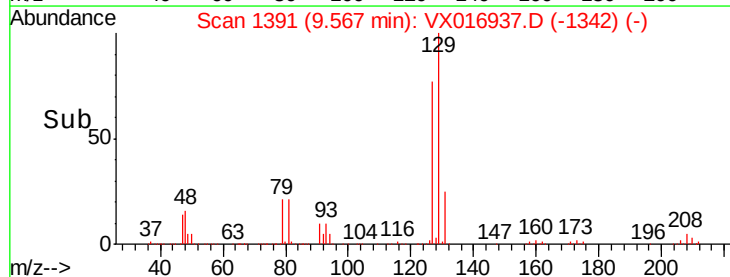
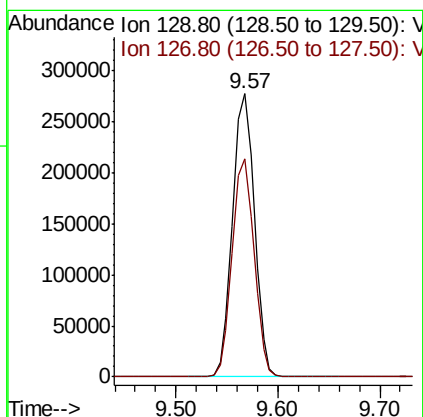
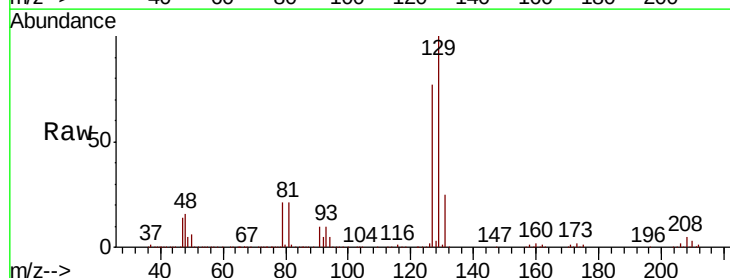
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

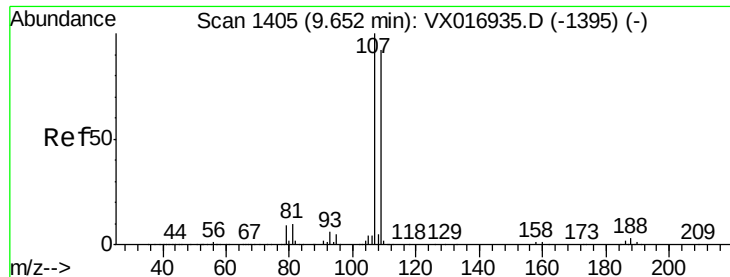
Tot Ion: 43 Resp: 1961710
Ion Ratio Lower Upper
43 100
58 53.3 26.8 80.4



#60
Dibromochloromethane
Concen: 164.717 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 129 Resp: 409949
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6





#61

1,2-Dibromoethane

Concen: 158.207 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

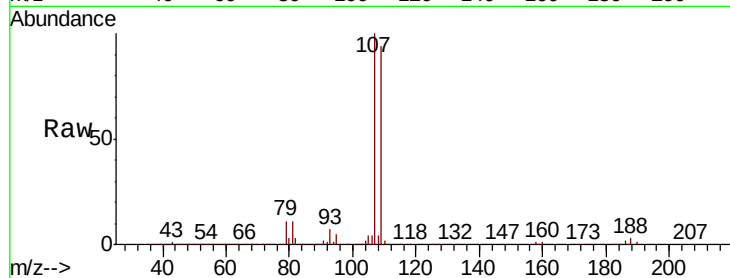
VSTDIC150

Tot Ion:107 Resp: 370588

Ion Ratio Lower Upper

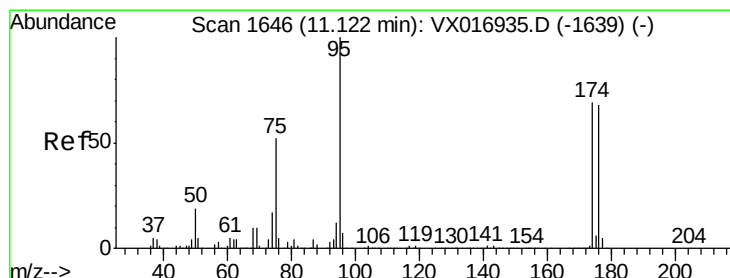
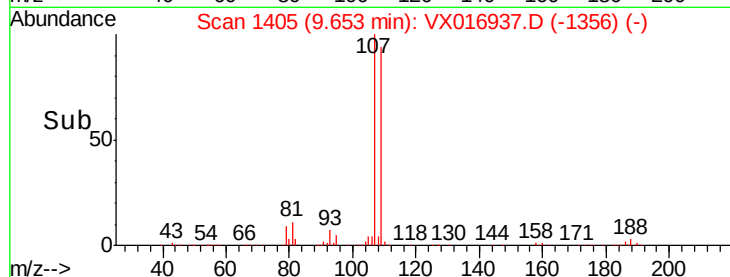
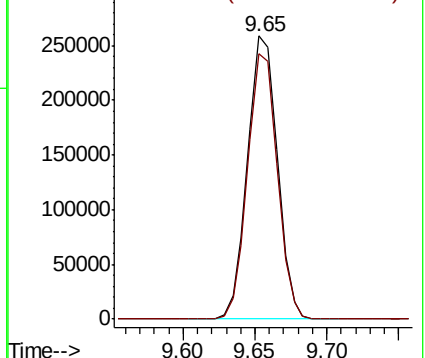
107 100

109 93.7 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 164.804 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

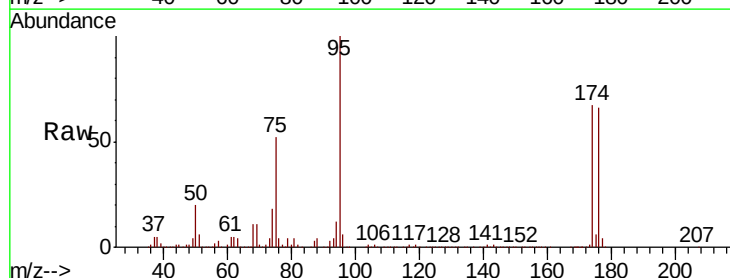
Tgt Ion: 95 Resp: 479472

Ion Ratio Lower Upper

95 100

174 68.8 0.0 138.0

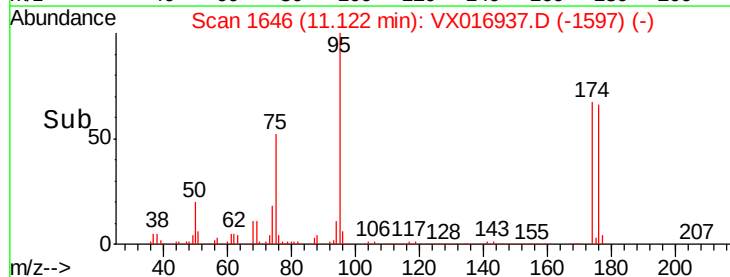
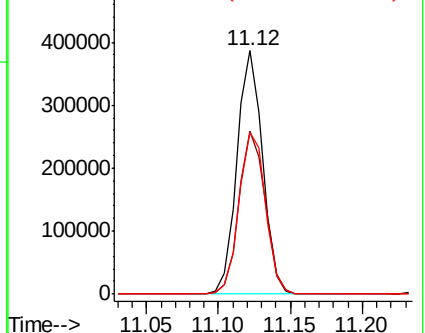
176 68.3 0.0 135.4

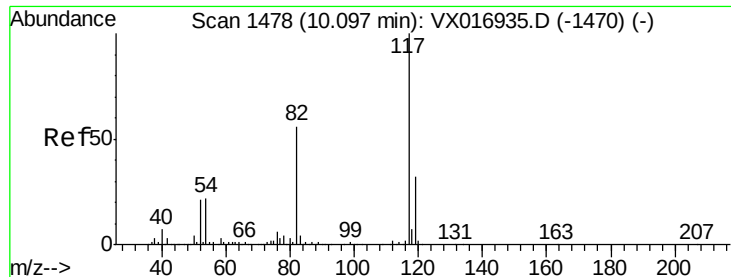


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

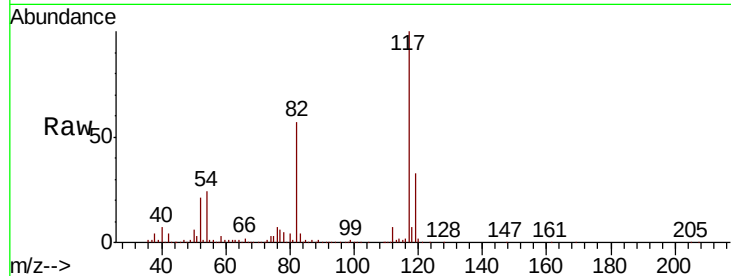




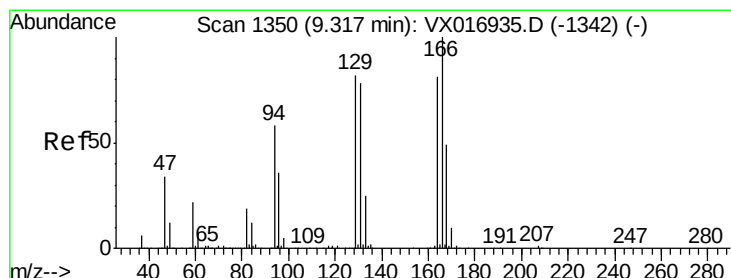
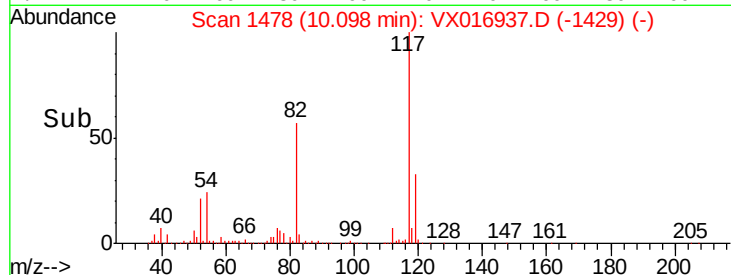
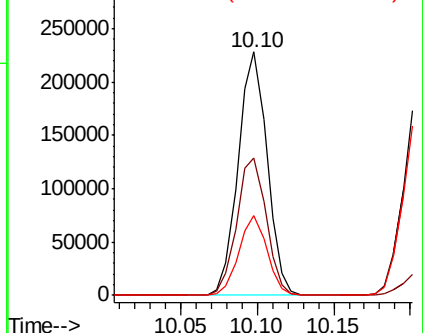
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 300612
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 32.6 25.4 38.0

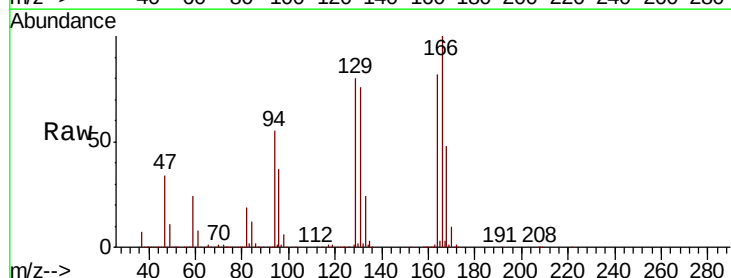


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

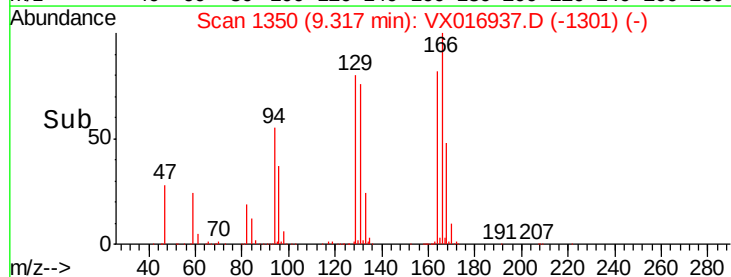
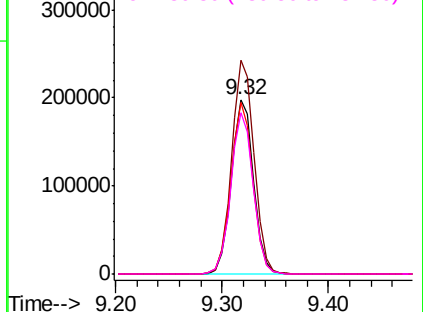


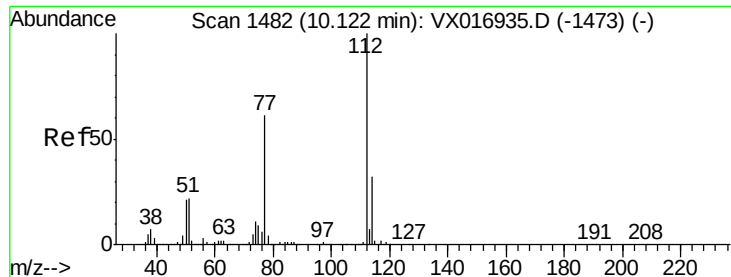
#64
Tetrachloroethene
Concen: 141.482 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion:164 Resp: 288707
Ion Ratio Lower Upper
164 100
166 122.4 99.3 148.9
129 98.4 81.4 122.0
131 92.6 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: 147.260 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

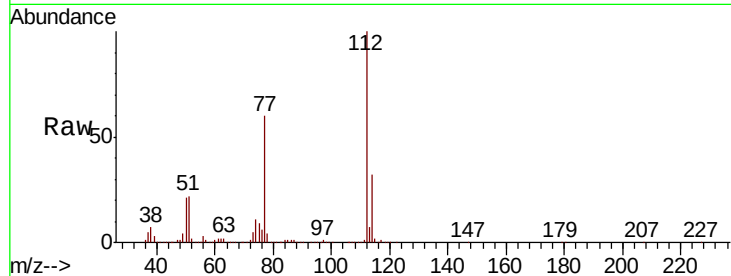
VSTDIC150

Tot Ion:112 Resp: 904210

Ion Ratio Lower Upper

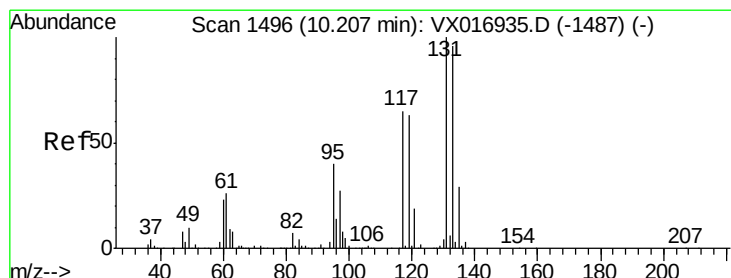
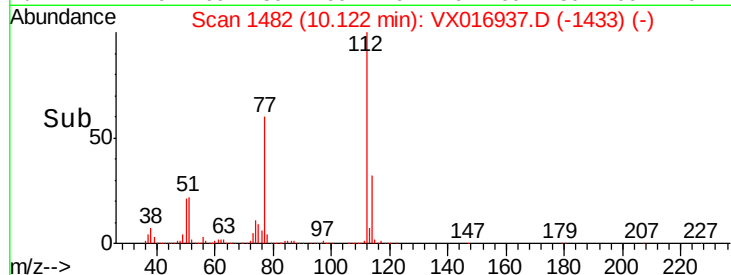
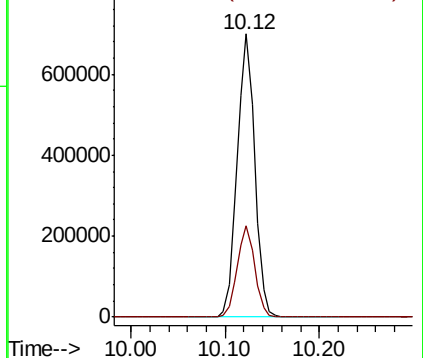
112 100

114 32.1 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 148.499 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

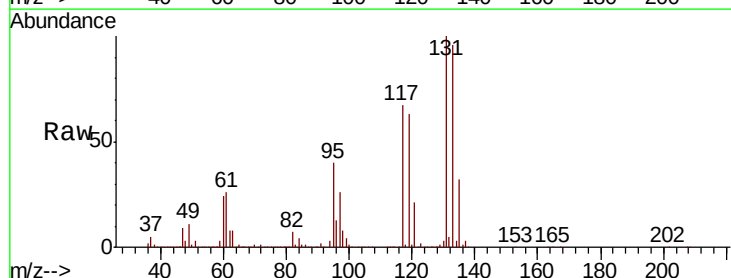
Tgt Ion:131 Resp: 353185

Ion Ratio Lower Upper

131 100

133 94.8 48.3 144.9

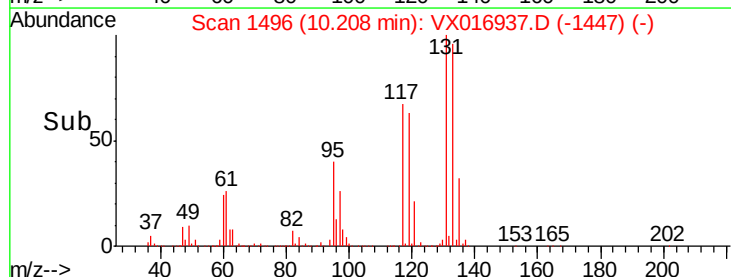
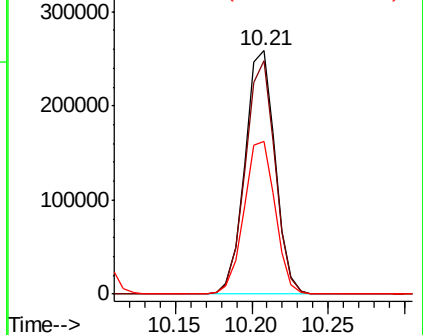
119 64.8 32.7 98.1

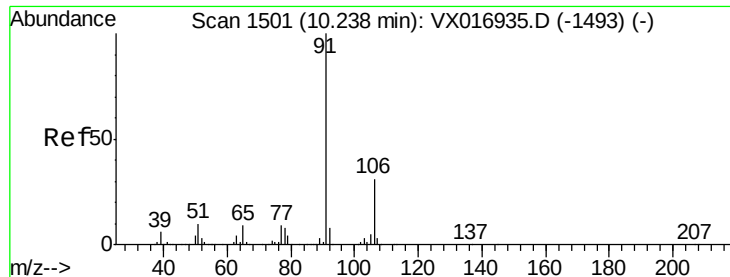


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 147.184 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

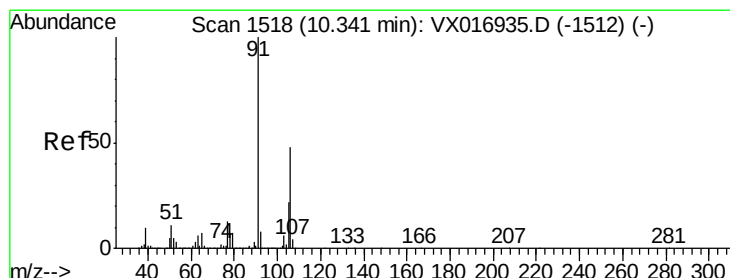
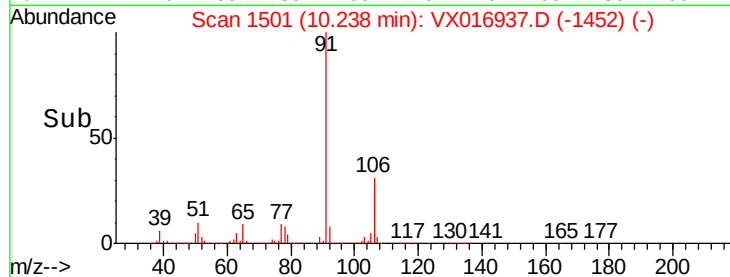
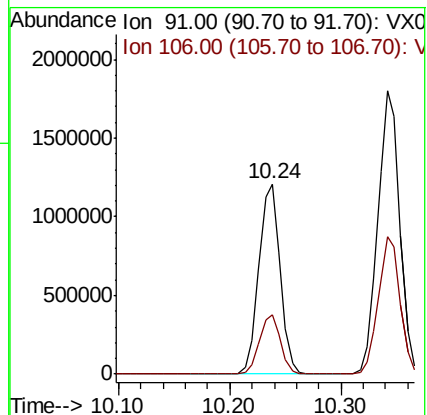
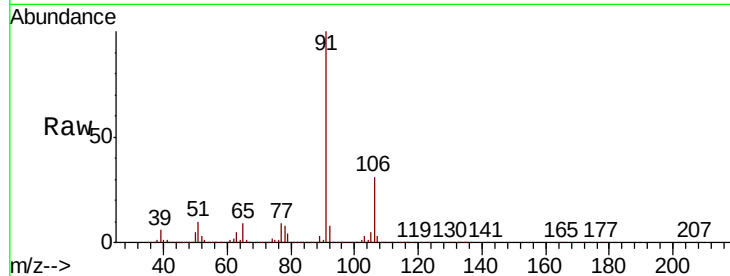
VSTDIC150

Tot Ion: 91 Resp: 1616226

Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



#68

m/p-Xylenes

Concen: 297.602 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016937.D

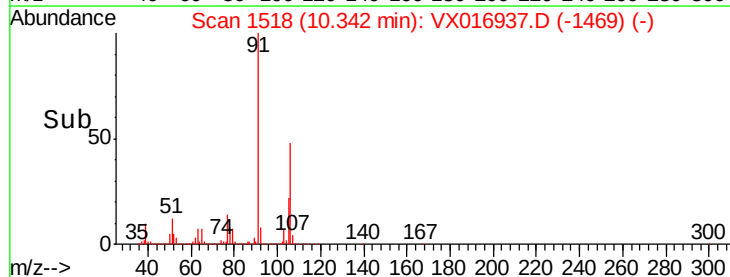
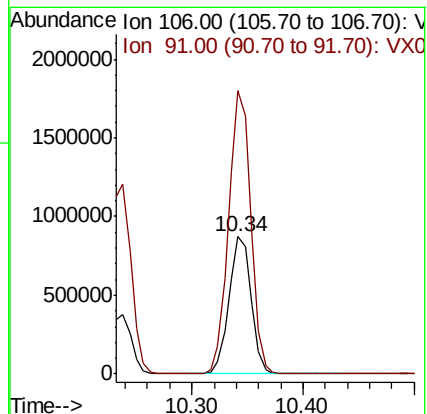
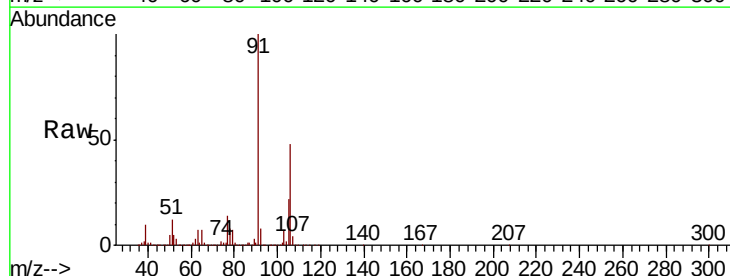
Acq: 23 Jun 2020 18:01

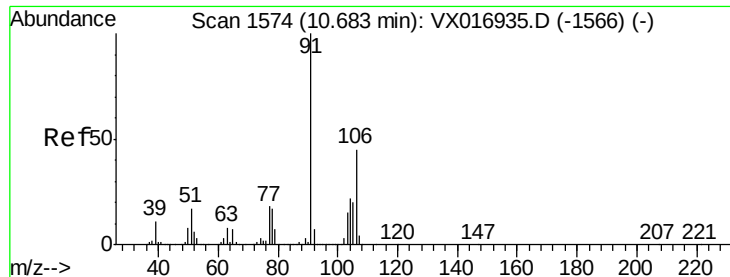
Tgt Ion: 106 Resp: 1200165

Ion Ratio Lower Upper

106 100

91 206.1 166.2 249.2

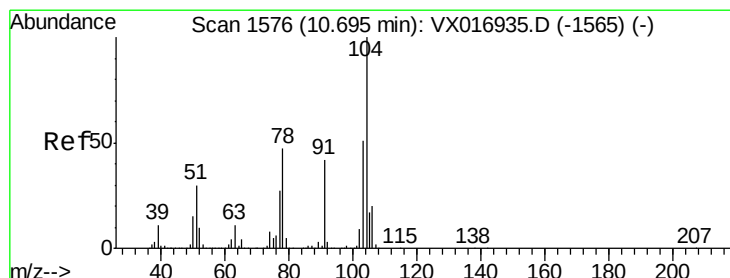
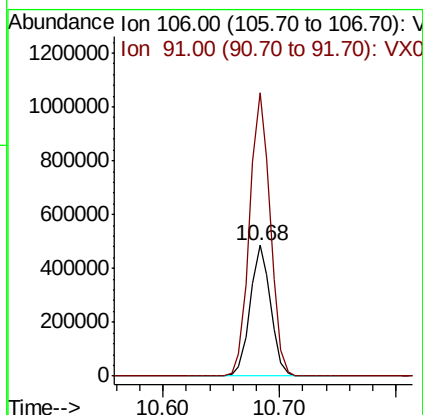
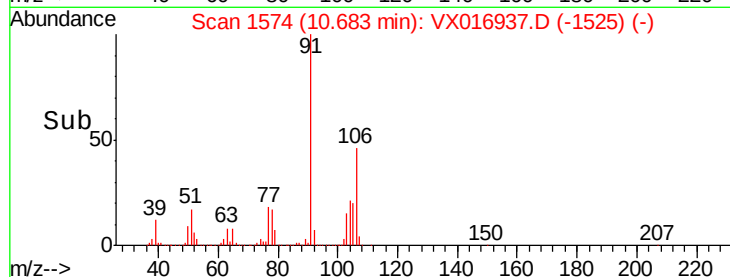
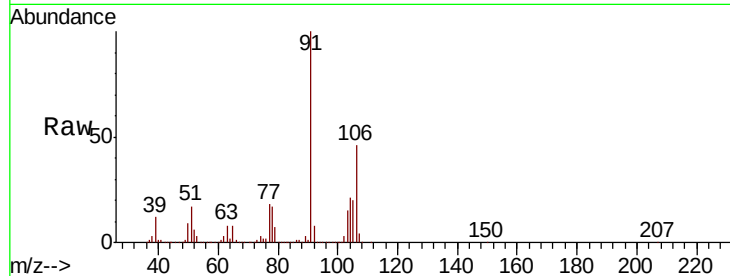




#69
o-Xylene
Concen: 154.344 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

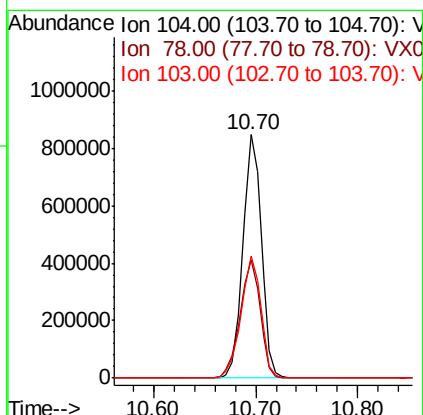
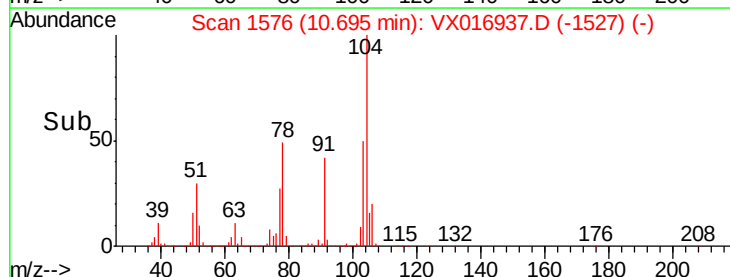
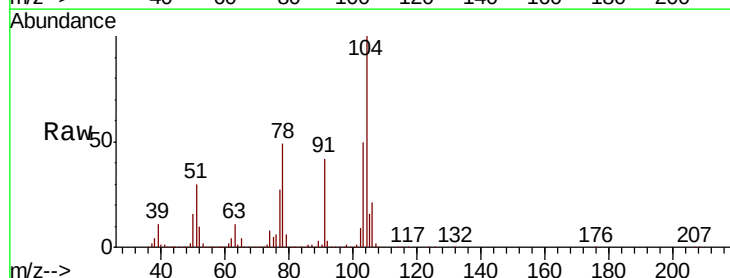
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

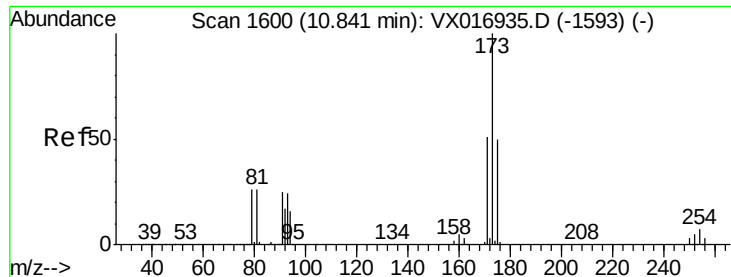
Tot Ion:106 Resp: 594579
Ion Ratio Lower Upper
106 100
91 219.8 109.8 329.4



#70
Styrene
Concen: 161.604 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion:104 Resp: 1059510
Ion Ratio Lower Upper
104 100
78 52.8 41.6 62.4
103 53.8 42.7 64.1





#71

Bromoform

Concen: 158.210 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

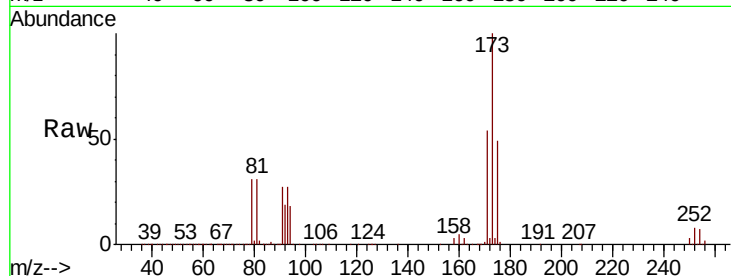
Tot Ion:173 Resp: 279807

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.9

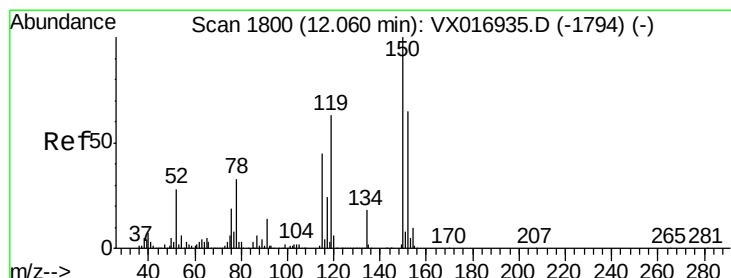
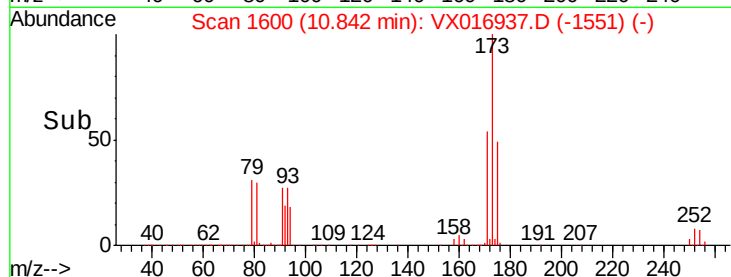
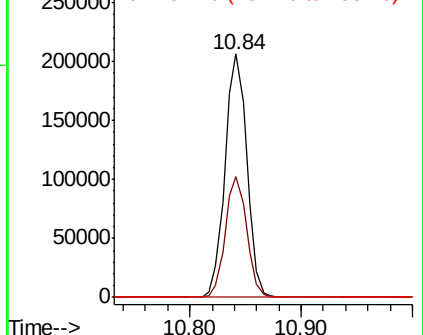
254 0.1 0.1 0.1#



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: VX016937.D

Acq: 23 Jun 2020 18:01

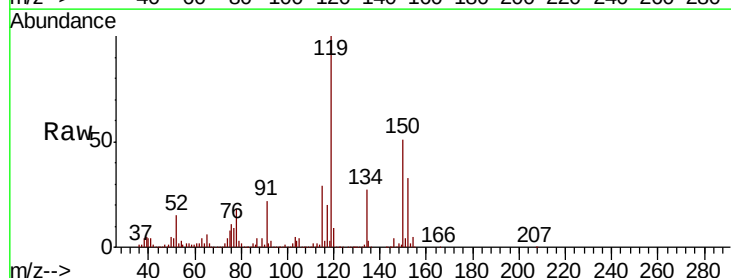
Tgt Ion:152 Resp: 146818

Ion Ratio Lower Upper

152 100

115 134.7 43.1 129.4#

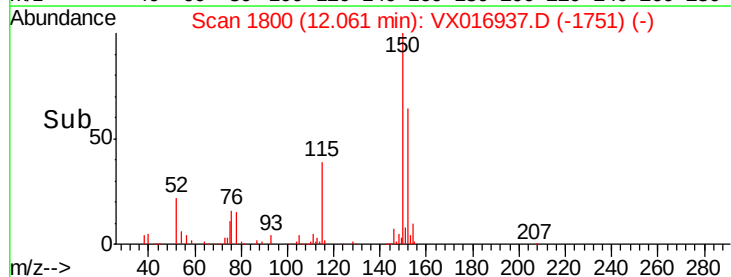
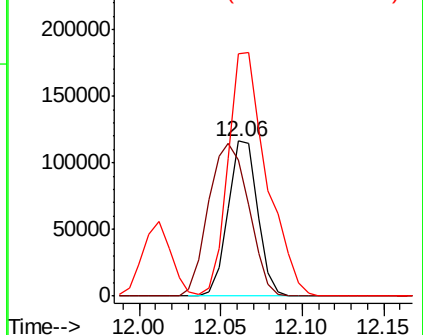
150 204.2 0.0 346.0

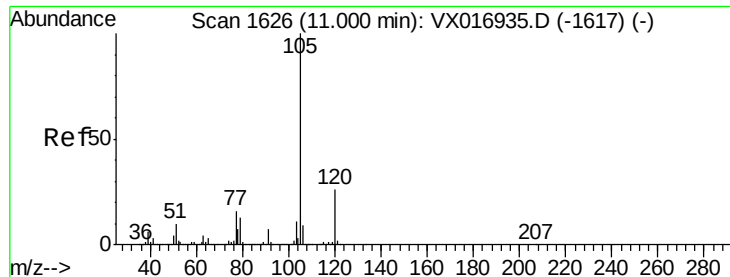


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 149.547 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

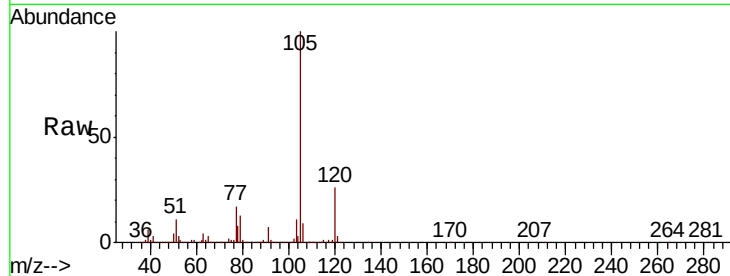
VSTDIC150

Tot Ion:105 Resp: 1629194

Ion Ratio Lower Upper

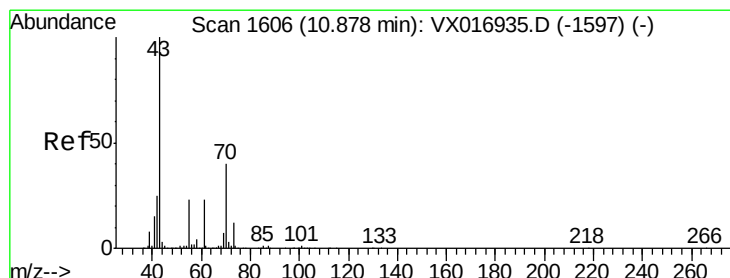
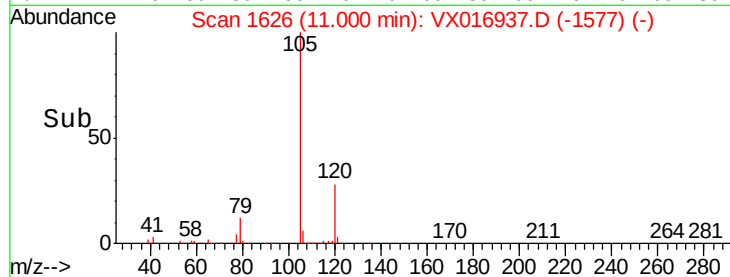
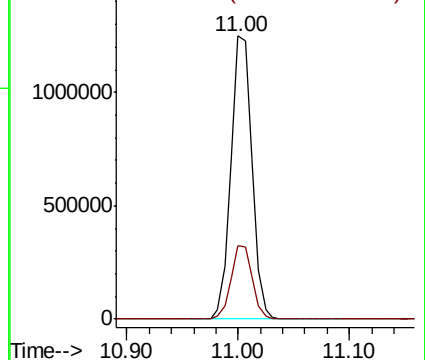
105 100

120 26.1 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: 149.265 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Tgt Ion: 43 Resp: 813822

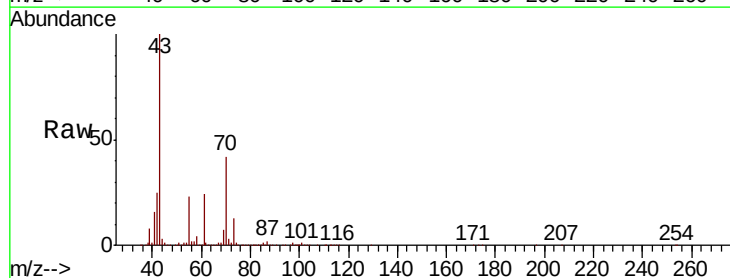
Ion Ratio Lower Upper

43 100

70 41.0 32.6 49.0

55 22.8 18.8 28.2

61 23.7 18.9 28.3

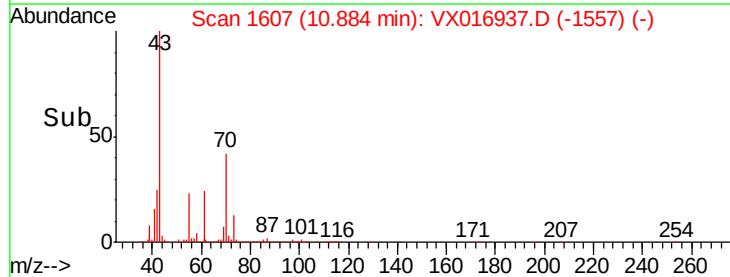
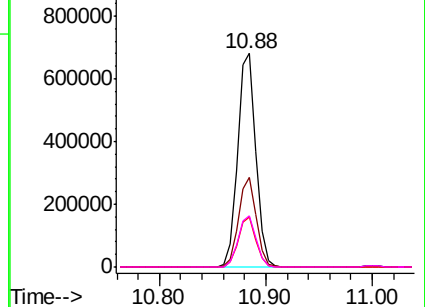


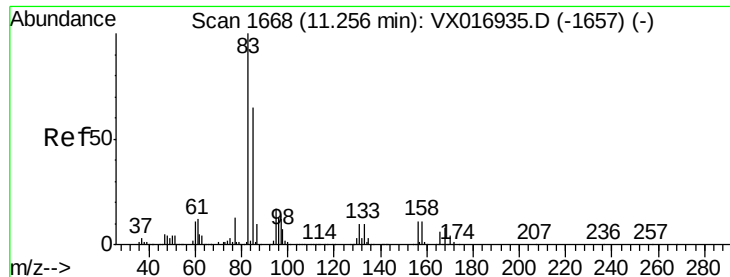
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 142.863 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

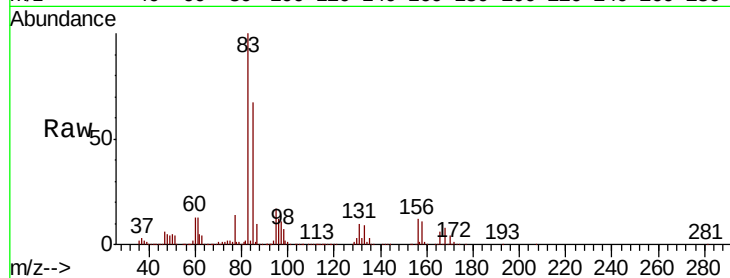
Tot Ion: 83 Resp: 520794

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.2

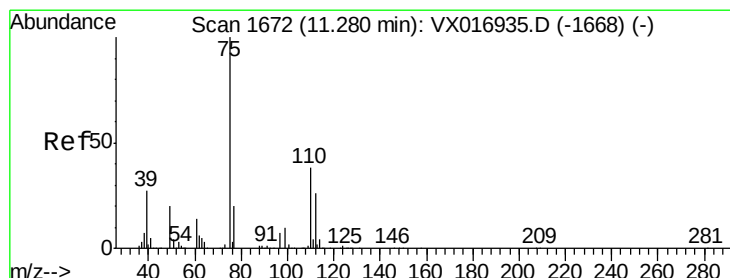
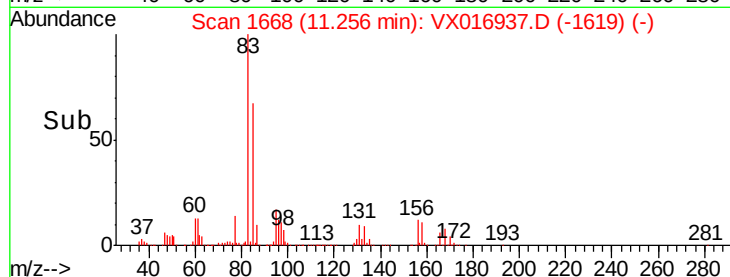
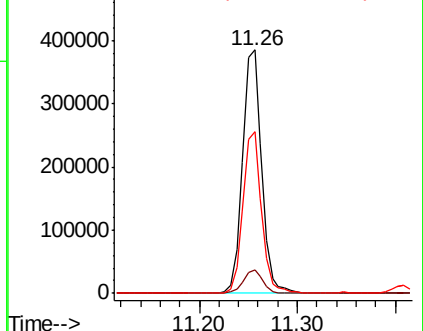
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 155.344 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016937.D

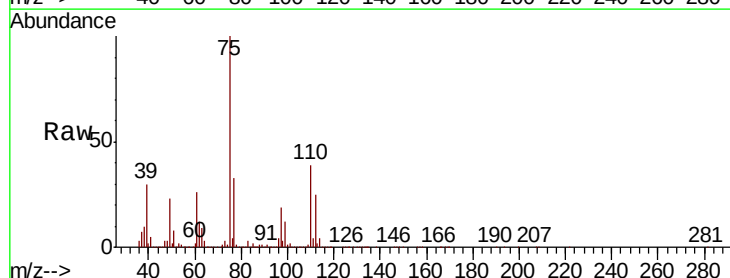
Acq: 23 Jun 2020 18:01

Tgt Ion: 75 Resp: 652965

Ion Ratio Lower Upper

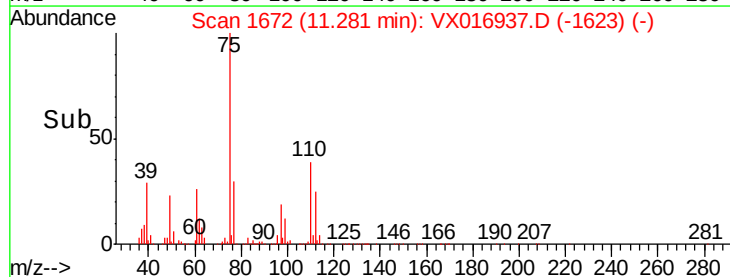
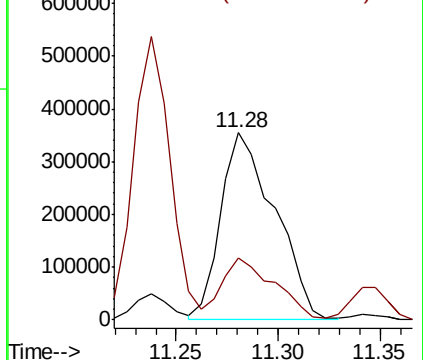
75 100

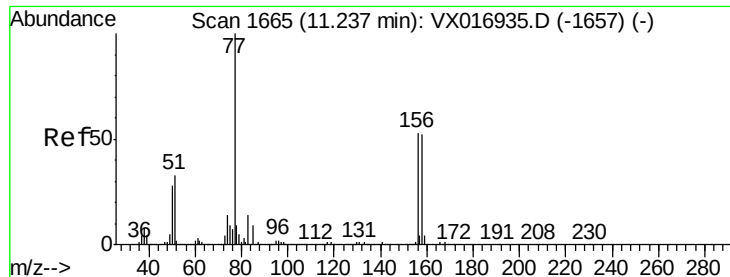
77 31.8 20.1 60.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 140.064 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

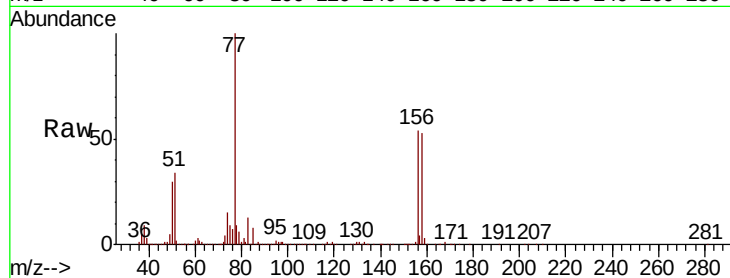
Tot Ion:156 Resp: 374635

Ion Ratio Lower Upper

156 100

77 179.9 91.0 273.1

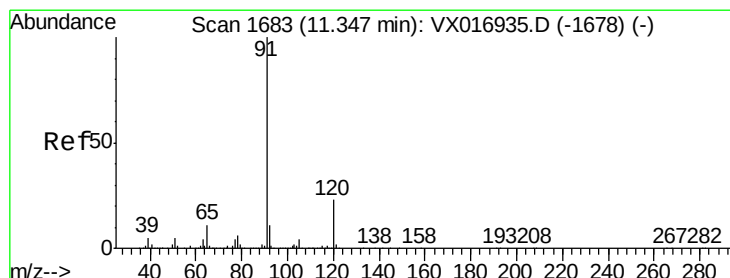
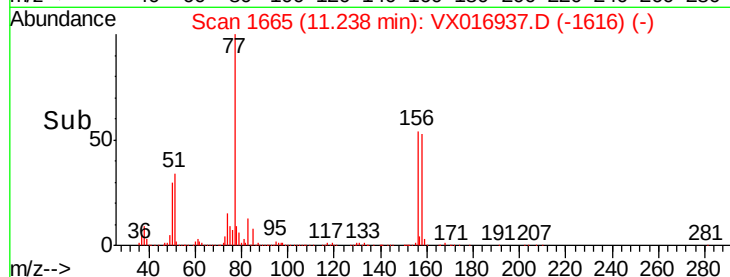
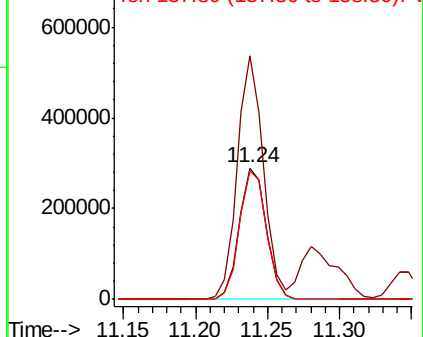
158 98.0 48.4 145.3



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: 151.443 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX016937.D

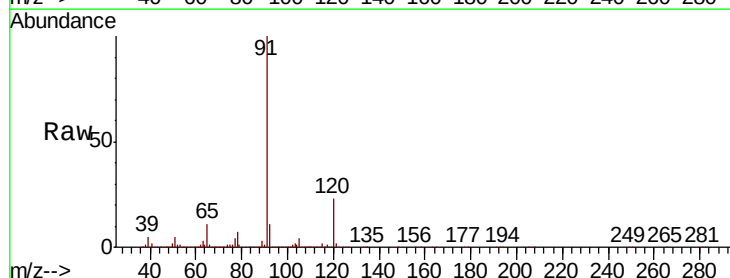
Acq: 23 Jun 2020 18:01

Tgt Ion: 91 Resp: 1880932

Ion Ratio Lower Upper

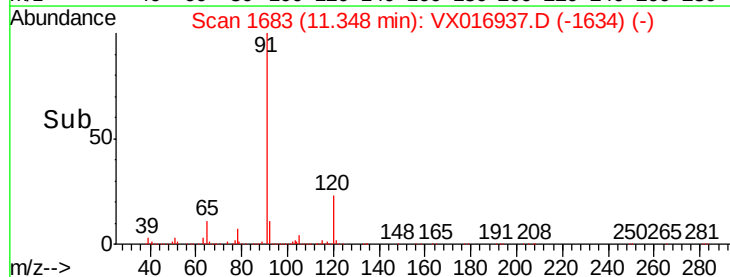
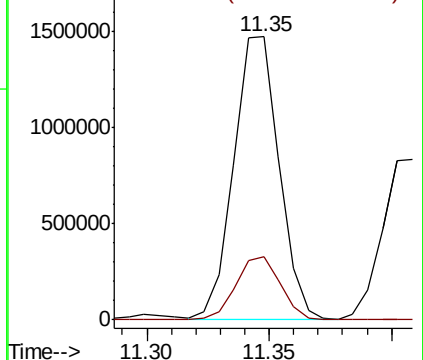
91 100

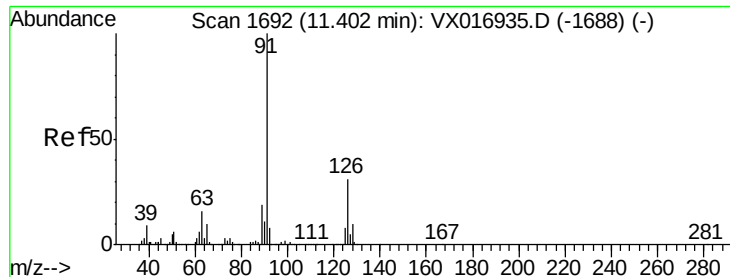
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

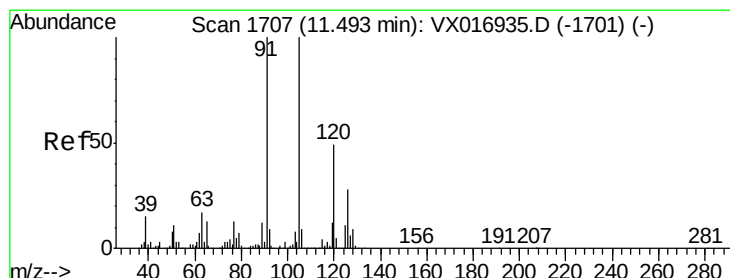
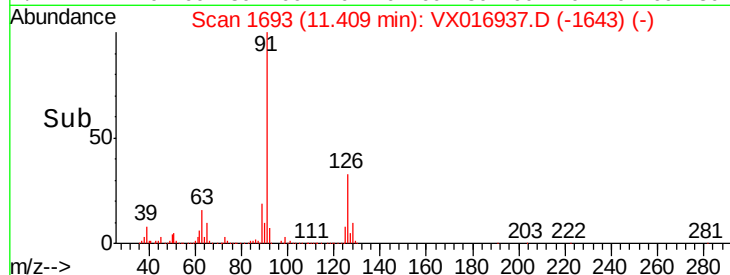
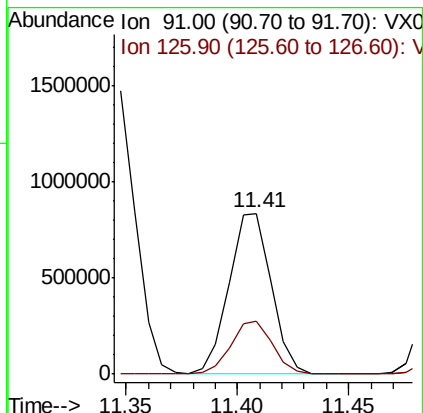
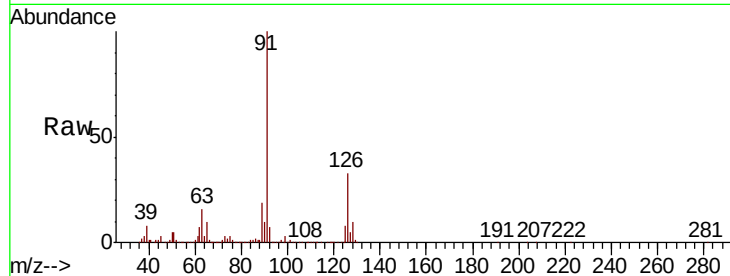




#79
 2-Chlorotoluene
 Concen: 139.957 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

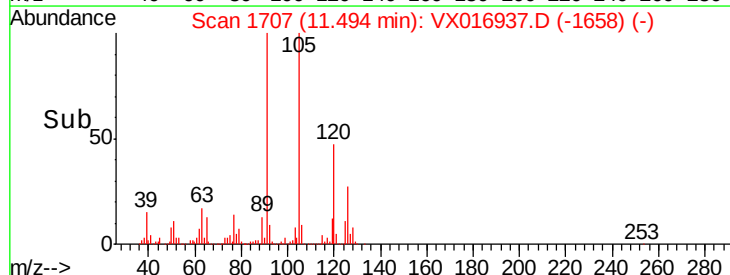
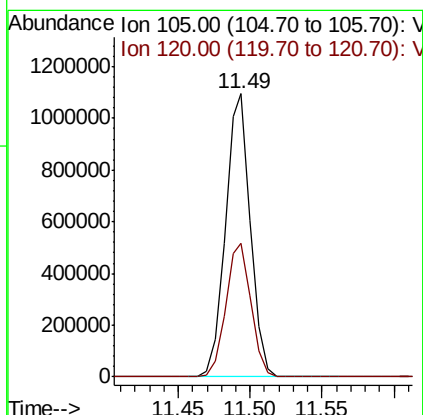
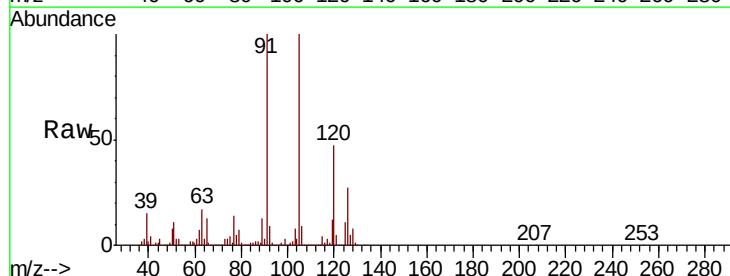
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

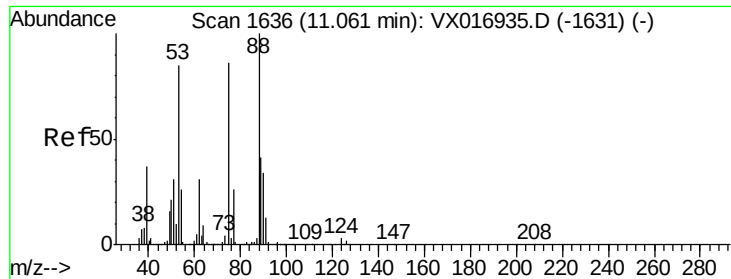
Tot Ion: 91 Resp: 1100620
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 144.659 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion: 105 Resp: 1327274
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 147.273 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

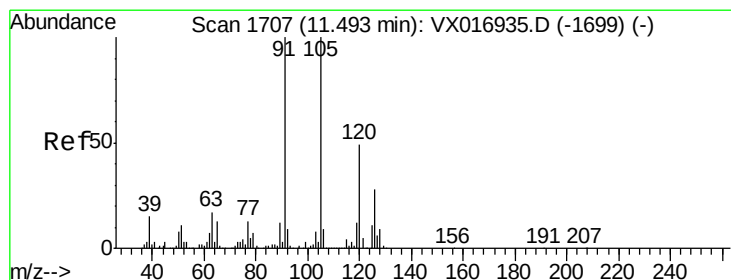
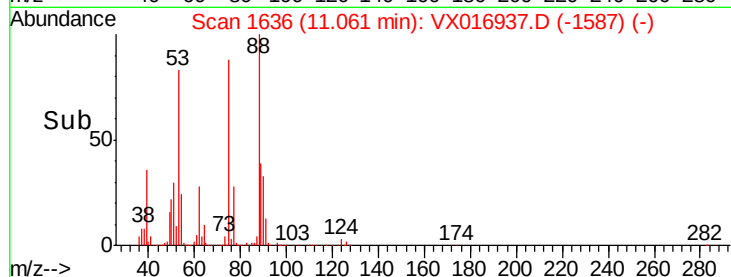
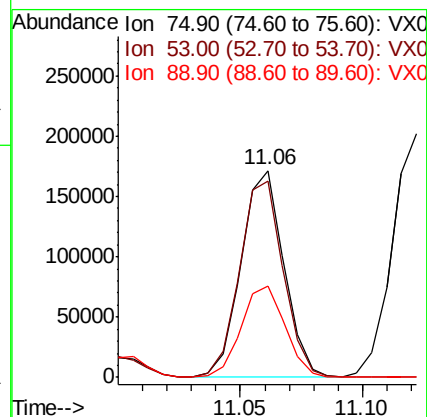
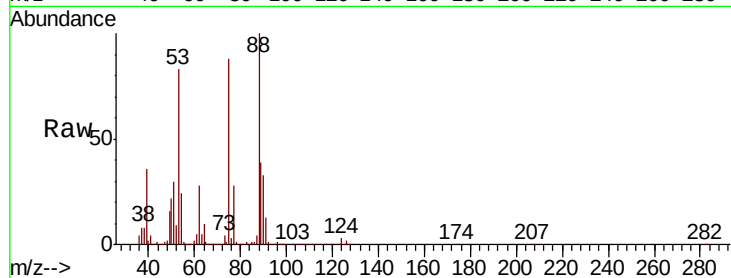
Tot Ion: 75 Resp: 207974

Ion Ratio Lower Upper

75 100

53 97.0 78.9 118.3

89 45.3 37.0 55.6



#82

4-Chlorotoluene

Concen: 140.037 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016937.D

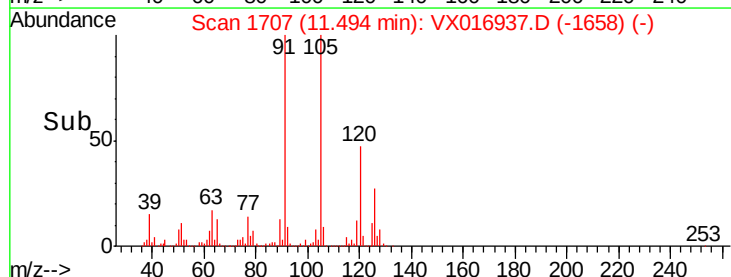
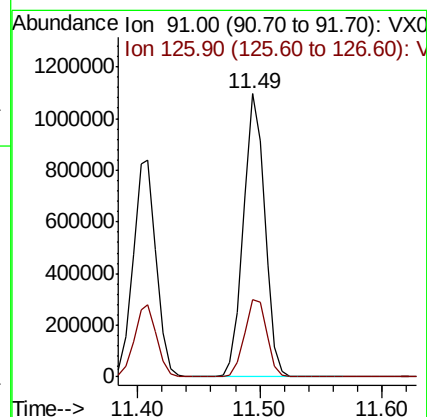
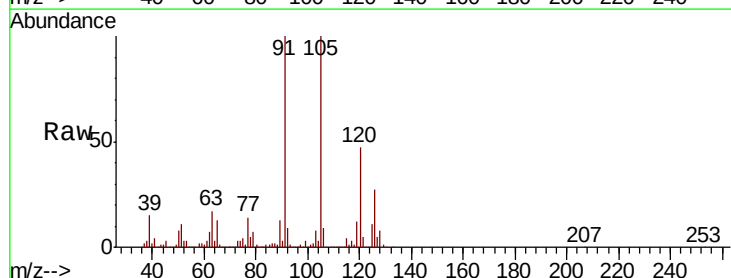
Acq: 23 Jun 2020 18:01

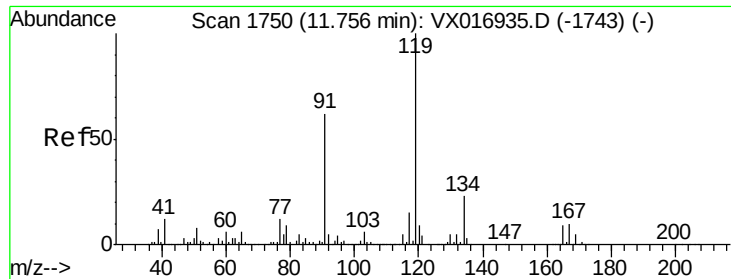
Tgt Ion: 91 Resp: 1318288

Ion Ratio Lower Upper

91 100

126 28.4 14.1 42.4

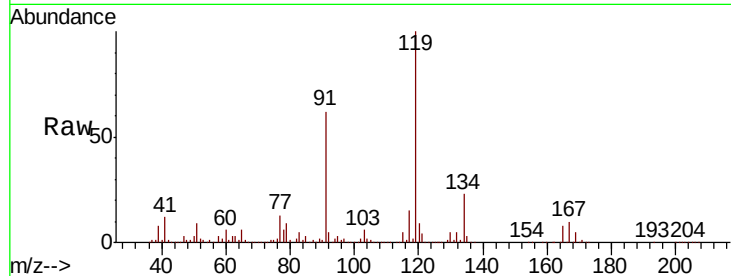




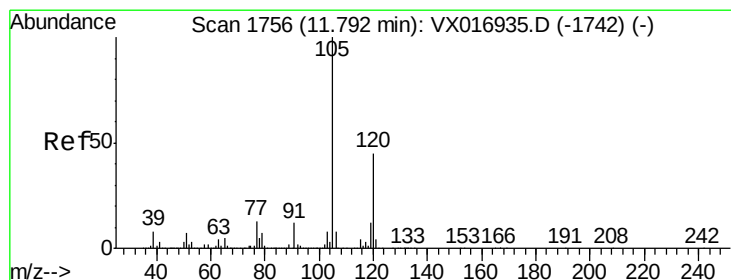
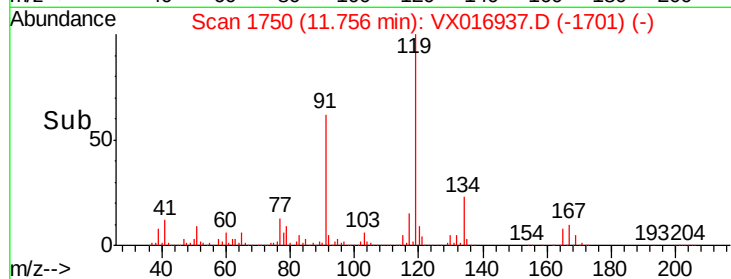
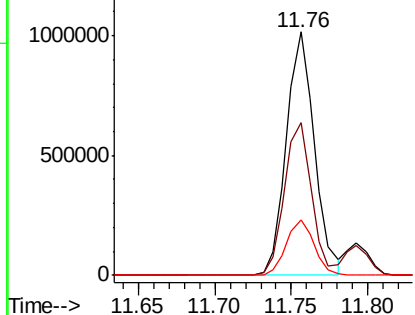
#83
 tert-Butylbenzene
 Concen: 144.521 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion:119 Resp: 1298252
 Ion Ratio Lower Upper
 119 100
 91 60.2 30.3 90.9
 134 22.6 11.4 34.2

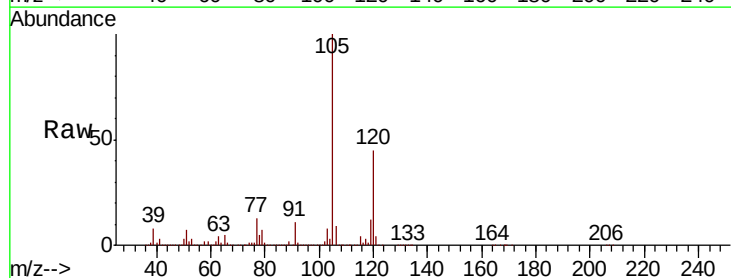


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

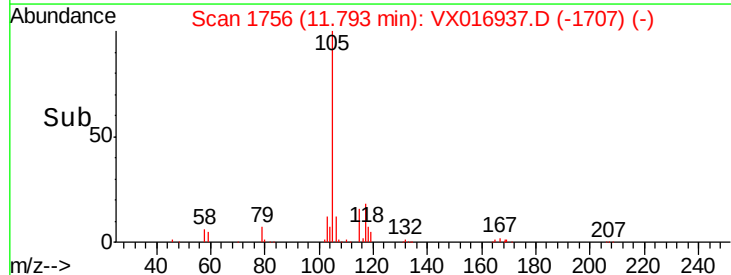
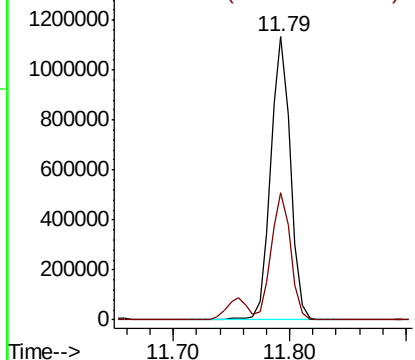


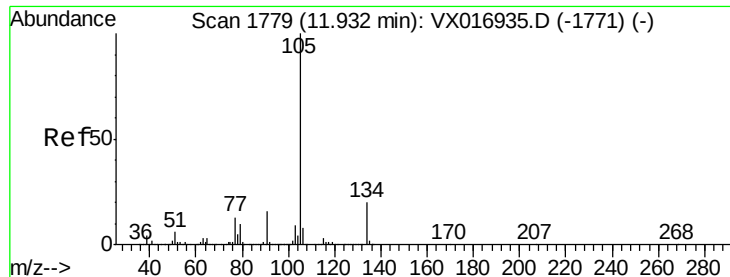
#84
 1,2,4-Trimethylbenzene
 Concen: 146.466 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion:105 Resp: 1335107
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.0



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





#85

sec-Butylbenzene

Concen: 151.864 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

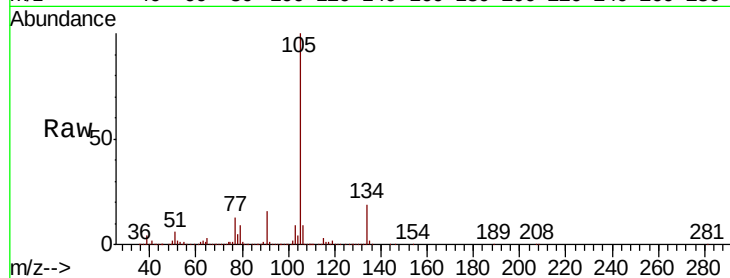
VSTDIC150

Tot Ion:105 Resp: 1538948

Ion Ratio Lower Upper

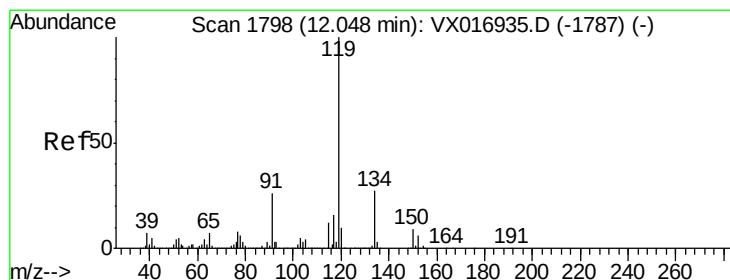
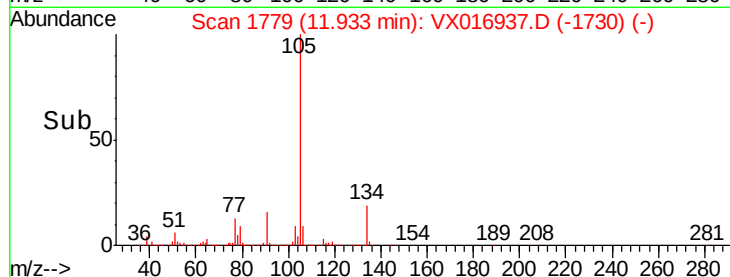
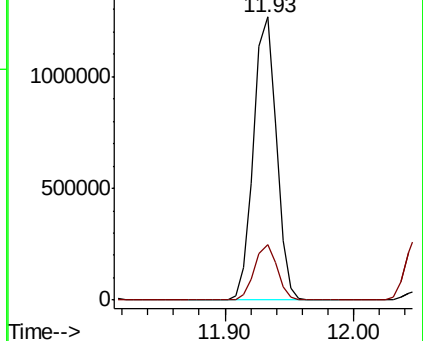
105 100

134 19.4 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 148.054 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

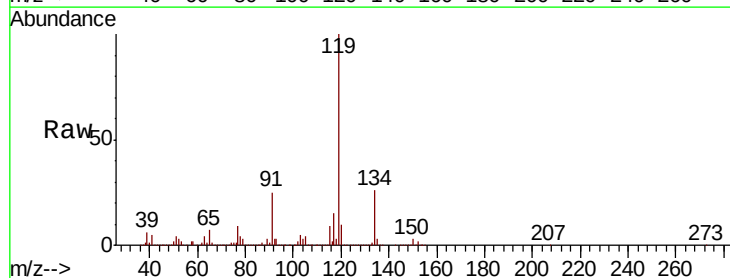
Tgt Ion:119 Resp: 1388629

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

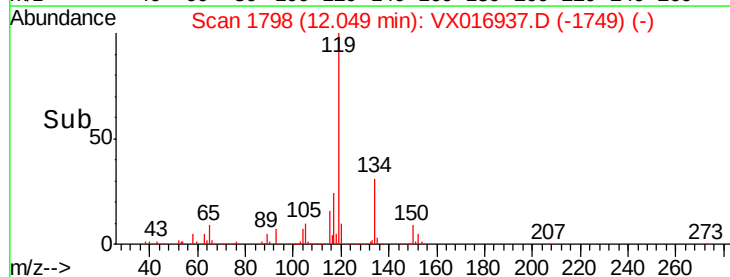
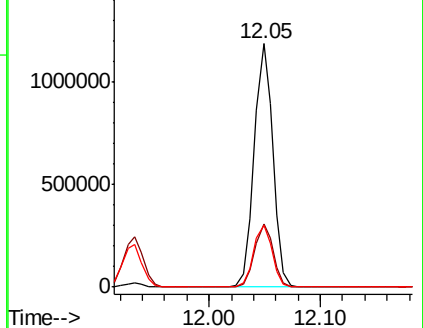
91 25.5 12.6 37.8

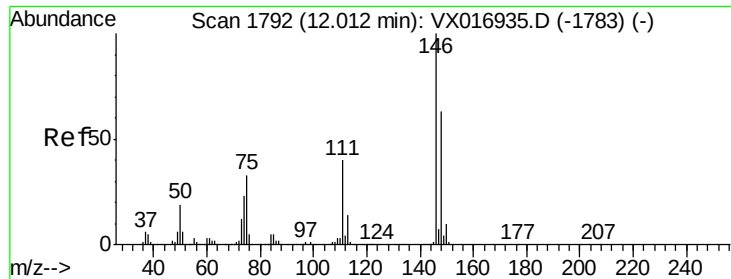


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

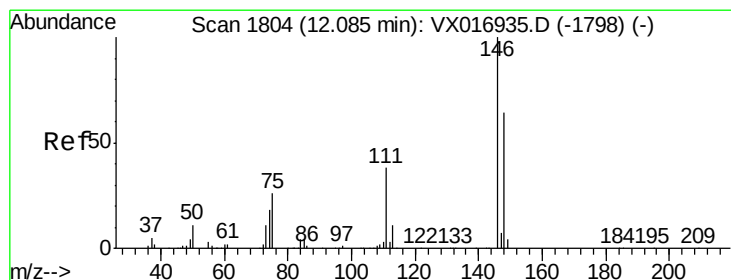
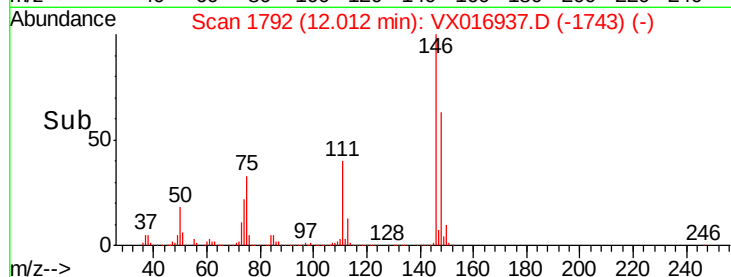
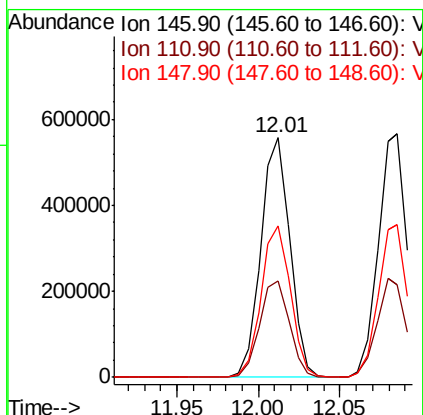
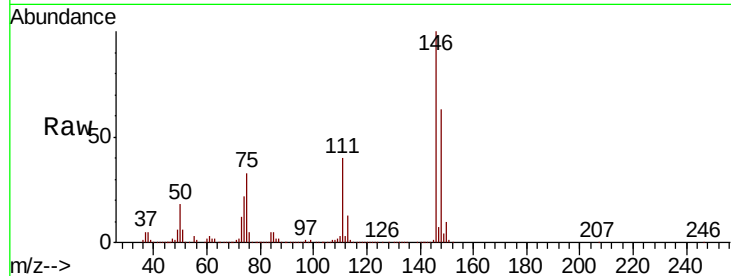




#87
 1,3-Dichlorobenzene
 Concen: 143.957 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

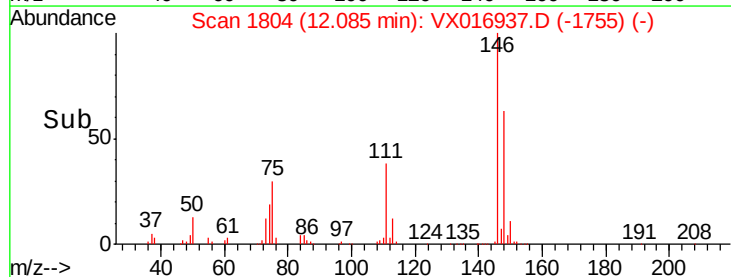
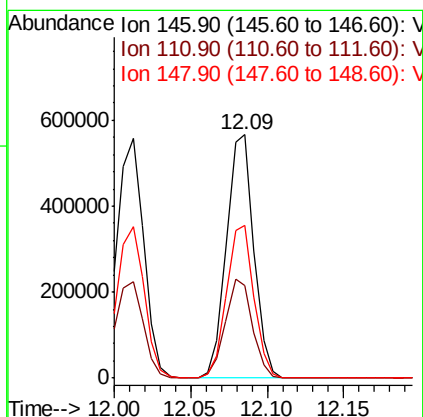
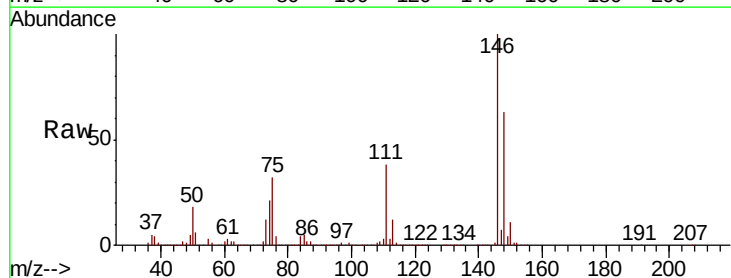
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

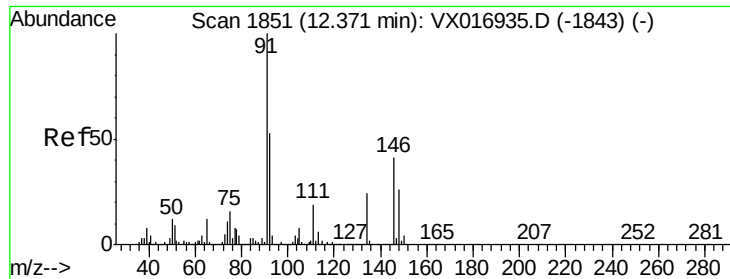
Tot Ion:146 Resp: 692505
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.5
 148 63.5 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 144.897 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion:146 Resp: 699248
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 61.0
 148 62.9 31.8 95.3

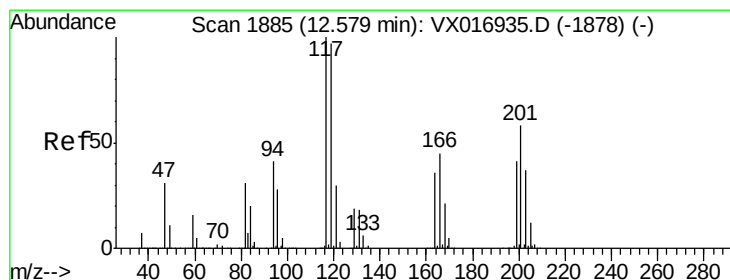
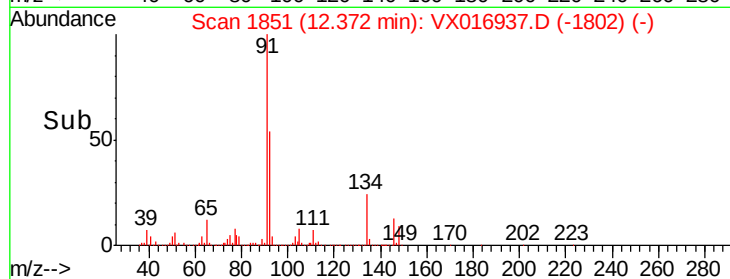
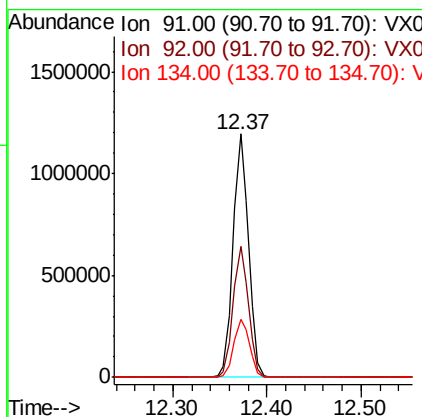
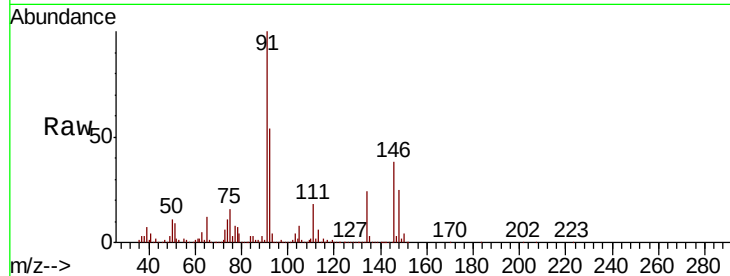




#89
n-Butylbenzene
Concen: 152.070 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

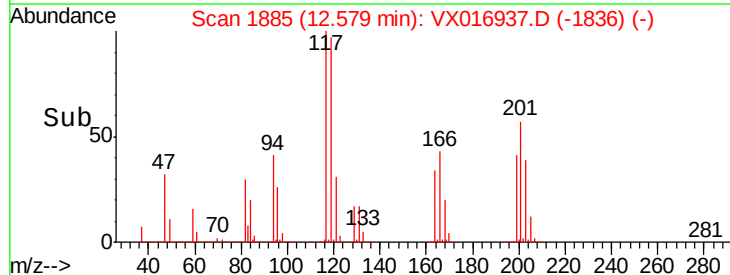
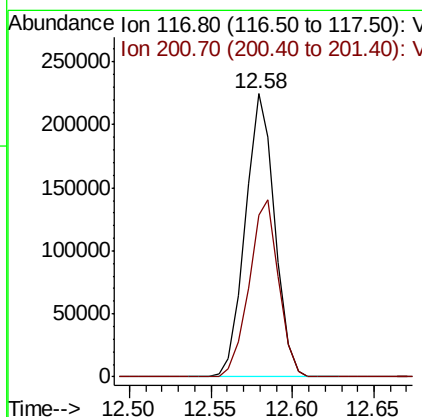
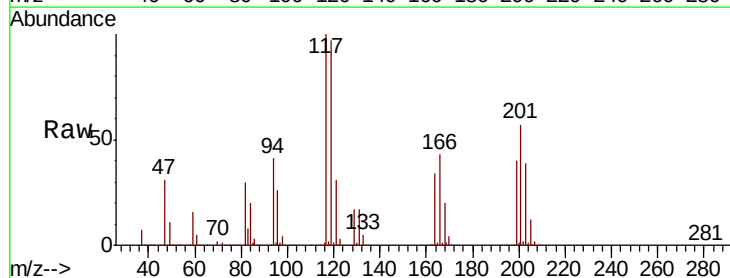
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

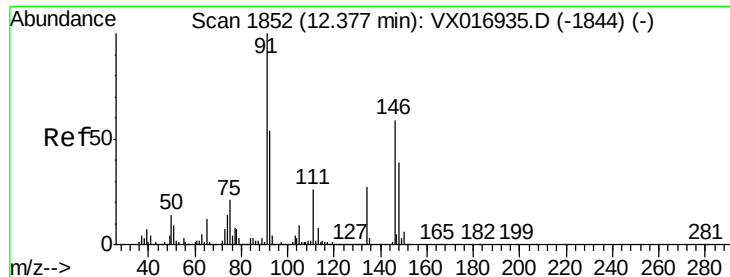
Tot Ion: 91 Resp: 1350454
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.3
134 24.6 12.3 36.8



#90
Hexachloroethane
Concen: 153.442 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 117 Resp: 282712
Ion Ratio Lower Upper
117 100
201 62.7 31.1 93.5

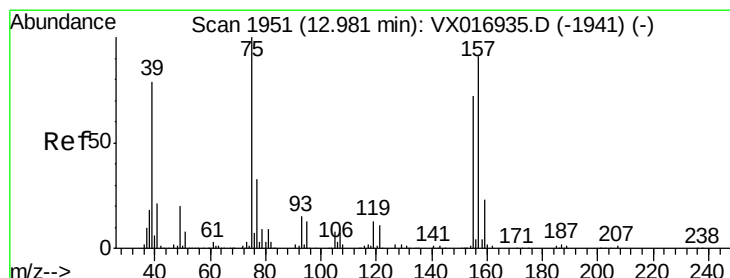
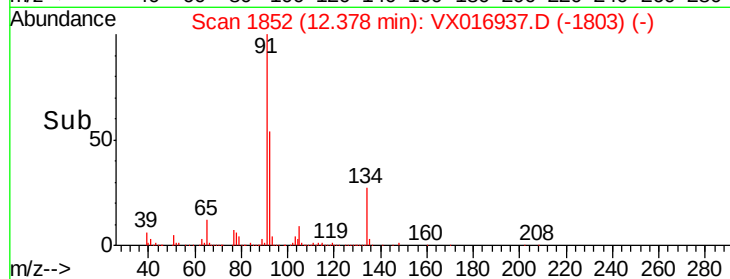
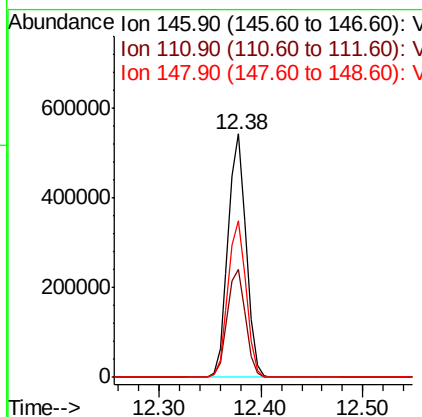
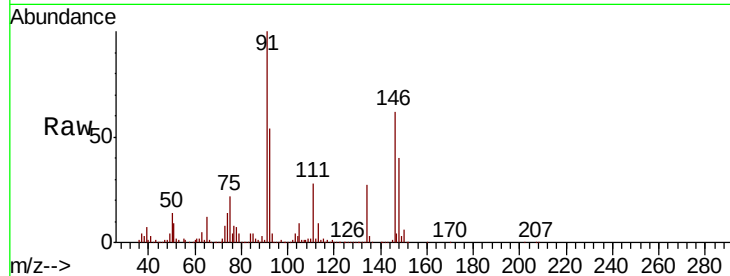




#91
 1,2-Dichlorobenzene
 Concen: 143.042 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

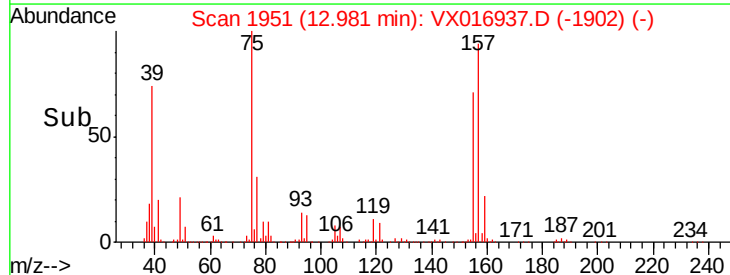
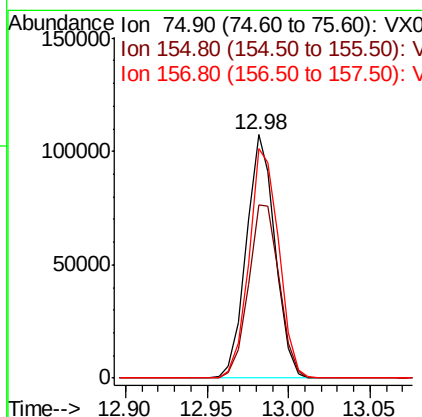
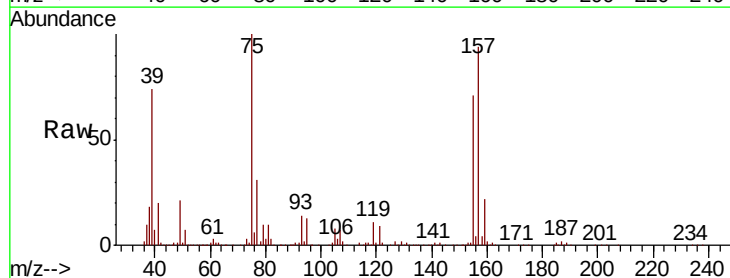
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

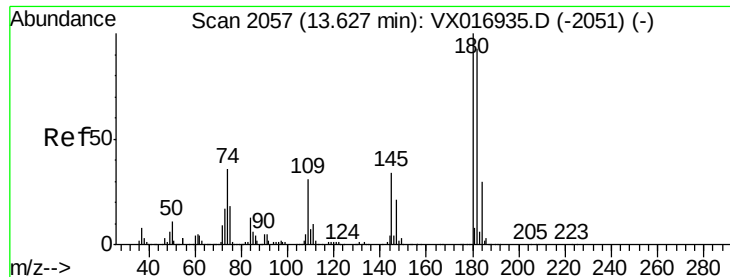
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.0	66.0
148	64.7	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 141.135 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.4	36.1	108.5
157	97.8	46.6	139.8

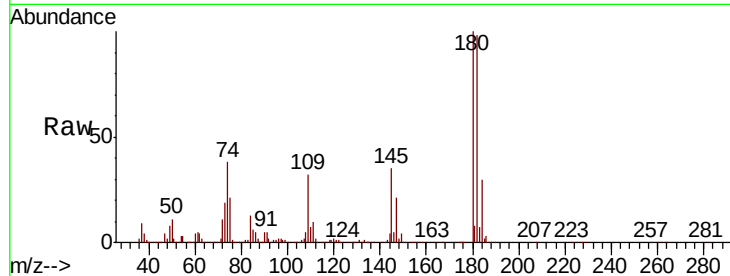




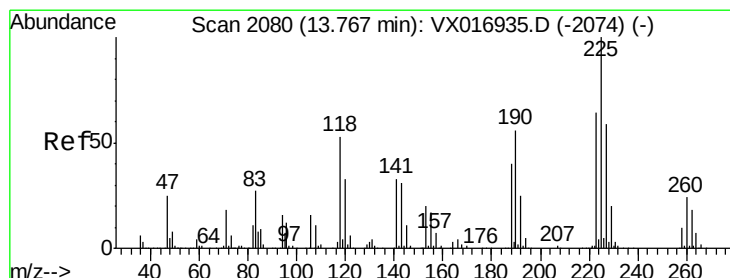
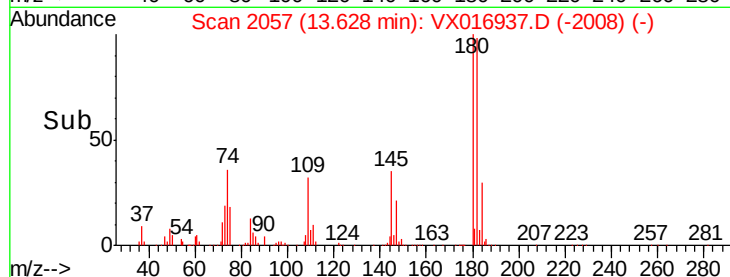
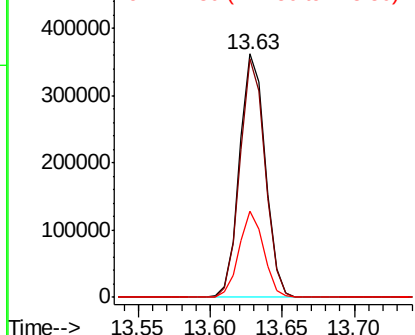
#93
 1,2,4-Trichlorobenzene
 Concen: 148.126 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 448549
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 142.0
 145 33.8 16.4 49.2

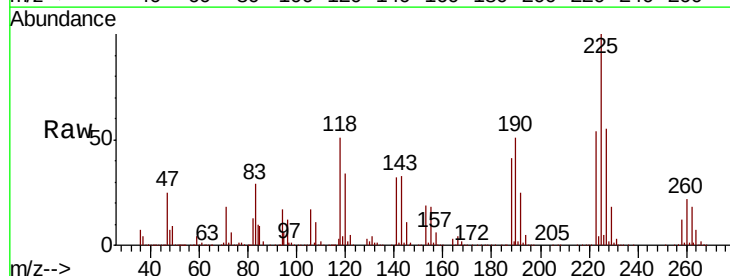


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

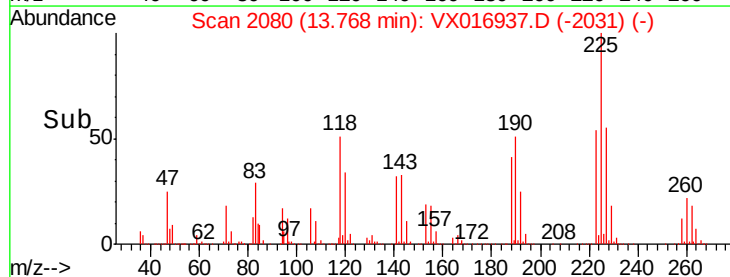
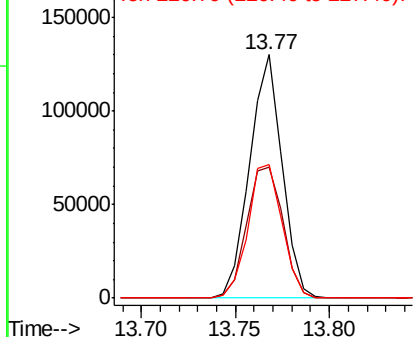


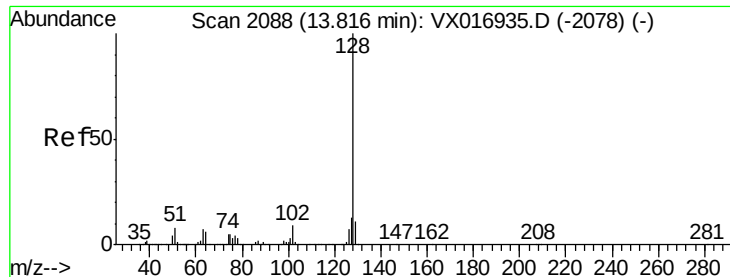
#94
 Hexachlorobutadiene
 Concen: 147.224 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion:225 Resp: 155530
 Ion Ratio Lower Upper
 225 100
 223 60.3 32.5 97.4
 227 58.3 29.3 88.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

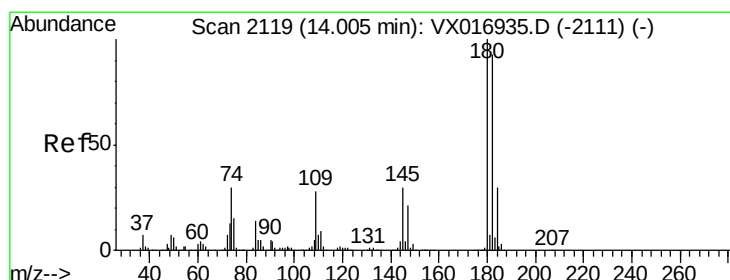
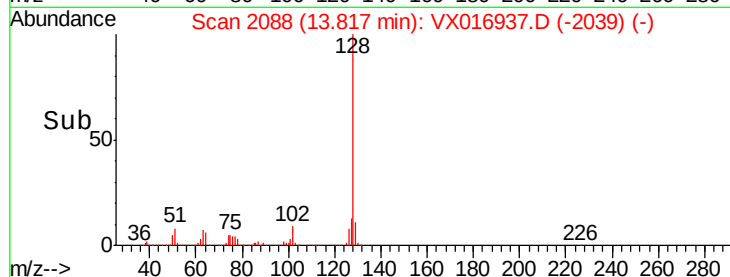
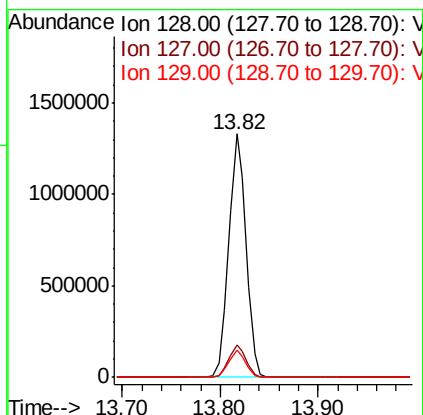
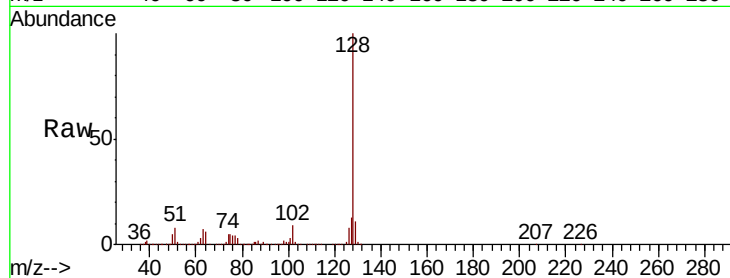




#95
Naphthalene
Concen: 157.801 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 1623740
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 151.778 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion:180 Resp: 444578
Ion Ratio Lower Upper
180 100
182 92.5 47.4 142.3
145 34.3 17.1 51.3

