

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016902.D
 Acq On : 20 Jun 2020 02:51
 Operator : JC/SP
 Sample : VX0619WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

Quant Time: Jun 22 01:49:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	278762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504168	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	410891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	157324	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	5.46	113	152668	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	8.70	98	513990	39.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.66%	
62) 4-Bromofluorobenzene	11.12	95	221232	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	67908	19.850	ug/l	98
3) Chloromethane	1.31	50	63435	18.287	ug/l	98
4) Vinyl Chloride	1.39	62	84469	21.606	ug/l	99
5) Bromomethane	1.63	94	50247	21.345	ug/l	97
6) Chloroethane	1.71	64	48300	20.059	ug/l	99
7) Trichlorofluoromethane	1.92	101	105433	19.277	ug/l	97
8) Diethyl Ether	2.17	74	42746	20.102	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50369	17.290	ug/l	99
10) Methyl Iodide	2.50	142	41839	15.086	ug/l	98
11) Tert butyl alcohol	3.01	59	58522	103.257	ug/l	100
12) 1,1-Dichloroethene	2.36	96	55338	18.576	ug/l	99
13) Acrolein	2.27	56	39358	114.538	ug/l	96
14) Allyl chloride	2.71	41	78211	19.849	ug/l	97
15) Acrylonitrile	3.12	53	134493	103.553	ug/l	99
16) Acetone	2.42	43	113099	92.928	ug/l	98
17) Carbon Disulfide	2.55	76	137599	17.873	ug/l	100
18) Methyl Acetate	2.75	43	67209	21.717	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	172711	20.344	ug/l	98
20) Methylene Chloride	2.84	84	56423	19.332	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55623	19.781	ug/l	98
22) Diisopropyl ether	3.82	45	159762	21.162	ug/l	98
23) Vinyl Acetate	3.78	43	649365	104.310	ug/l	98
24) 1,1-Dichloroethane	3.67	63	96517	20.467	ug/l	99
25) 2-Butanone	4.63	43	220108	131.409	ug/l	98
26) 2,2-Dichloropropane	4.55	77	72442	16.396	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	68122	21.554	ug/l	98
28) Bromochloromethane	4.98	49	49427	25.253	ug/l	93
29) Tetrahydrofuran	5.09	42	124649	118.162	ug/l	97
30) Chloroform	5.18	83	119644	24.031	ug/l	100
31) Cyclohexane	5.55	56	96103	23.180	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	104286	22.131	ug/l	99
36) 1,1-Dichloropropene	5.77	75	75446	16.207	ug/l	99
37) Ethyl Acetate	4.79	43	76549	18.611	ug/l	98
38) Carbon Tetrachloride	5.76	117	81251	15.556	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	84429	15.598	ug/l	97
40) Benzene	6.11	78	223146	15.975	ug/l	98
41) Methacrylonitrile	5.01	41	43934	19.675	ug/l	96
42) 1,2-Dichloroethane	6.17	62	77240	15.540	ug/l	99
43) Isopropyl Acetate	6.41	43	125866	17.524	ug/l	100
44) Trichloroethene	7.19	130	68281	15.962	ug/l	95
45) 1,2-Dichloropropane	7.49	63	58603	16.689	ug/l	99
46) Dibromomethane	7.64	93	43280	18.175	ug/l	99
47) Bromodichloromethane	7.87	83	82208	16.232	ug/l	97
48) Methyl methacrylate	7.74	41	57580	17.024	ug/l	99
49) 1,4-Dioxane	7.71	88	27780	366.921	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	354598	82.082	ug/l	100
52) Toluene	8.77	92	142555	15.384	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	85607	15.375	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	97429	16.357	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	57736	16.503	ug/l	99
56) Ethyl methacrylate	9.16	69	85817	16.944	ug/l	99
57) 1,3-Dichloropropane	9.35	76	121239	20.442	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	217547	92.312	ug/l	98
59) 2-Hexanone	9.47	43	324681	103.784	ug/l	99
60) Dibromochloromethane	9.57	129	78030	18.592	ug/l	100
61) 1,2-Dibromoethane	9.65	107	71681	18.880	ug/l	100
64) Tetrachloroethene	9.32	164	83542	21.956	ug/l	95
65) Chlorobenzene	10.12	112	169062	20.319	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	64206	19.911	ug/l	99
67) Ethyl Benzene	10.24	91	283343	20.183	ug/l	100
68) m/p-Xylenes	10.34	106	222236	40.681	ug/l	99
69) o-Xylene	10.68	106	118532	23.466	ug/l	98
70) Styrene	10.69	104	202962	23.648	ug/l	99
71) Bromoform	10.84	173	55647	20.525	ug/l #	98
73) Isopropylbenzene	11.00	105	292679	21.955	ug/l	99
74) N-amyl acetate	10.88	43	113726	24.431	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	82928	22.030	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	101221	26.768	ug/l	86
77) Bromobenzene	11.24	156	79895	21.975	ug/l	98
78) n-propylbenzene	11.34	91	311561	20.942	ug/l	100
79) 2-Chlorotoluene	11.40	91	187561	20.605	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	224544	19.522	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	32531	21.067	ug/l	99
82) 4-Chlorotoluene	11.49	91	216997	19.871	ug/l	99
83) tert-Butylbenzene	11.76	119	211234	18.561	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	229084	19.335	ug/l	98
85) sec-Butylbenzene	11.93	105	247584	18.732	ug/l	99
86) p-Isopropyltoluene	12.05	119	230457	19.031	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	129317	19.469	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	129525	19.282	ug/l	97
89) n-Butylbenzene	12.37	91	185199	17.834	ug/l	99
90) Hexachloroethane	12.58	117	41635	19.086	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	123296	19.228	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19514	21.864	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

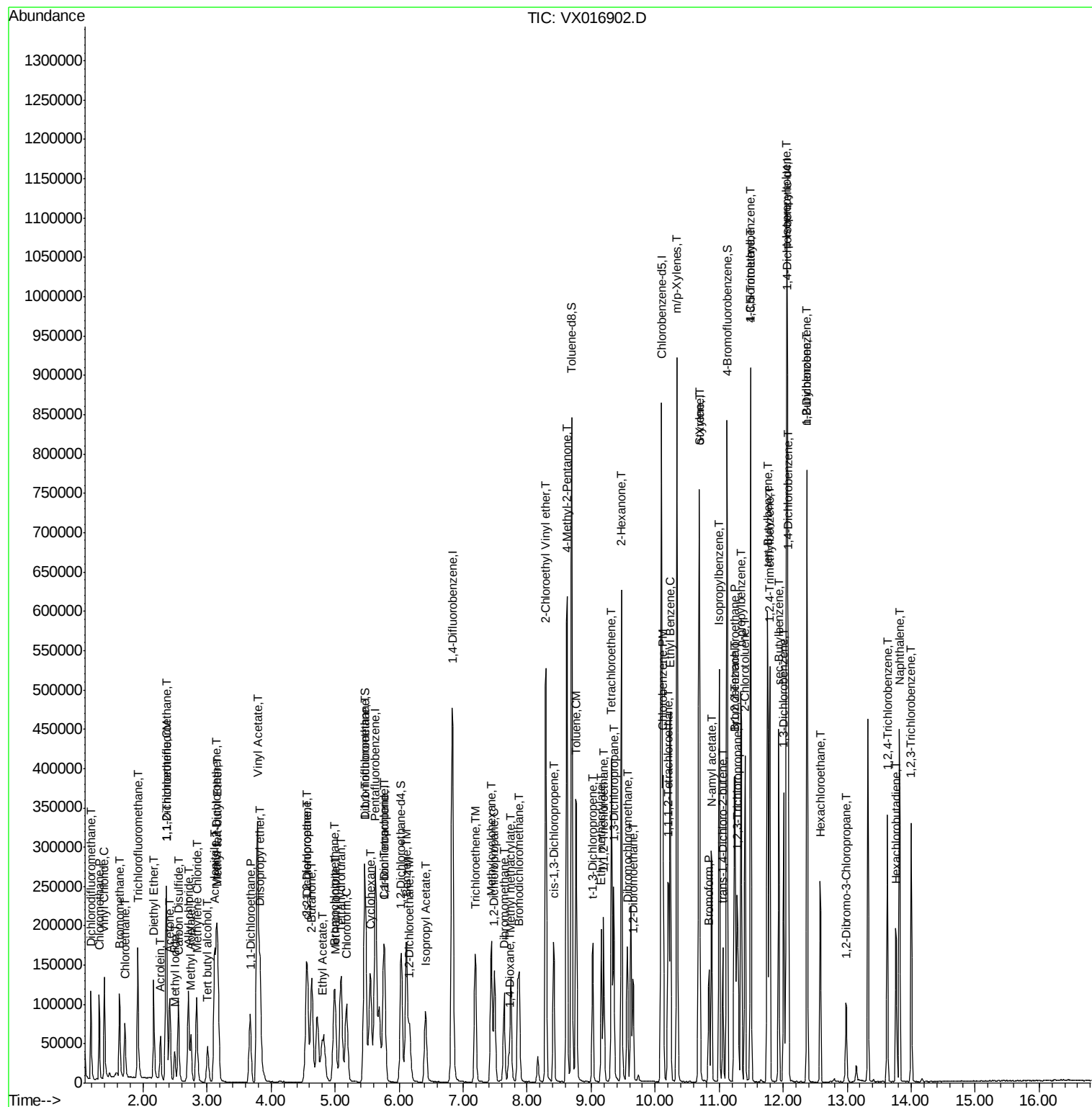
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84334	19.586	ug/l	99
94) Hexachlorobutadiene	13.77	225	32366	16.658	ug/l	98
95) Naphthalene	13.82	128	269221	21.297	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	83704	19.493	ug/l	97

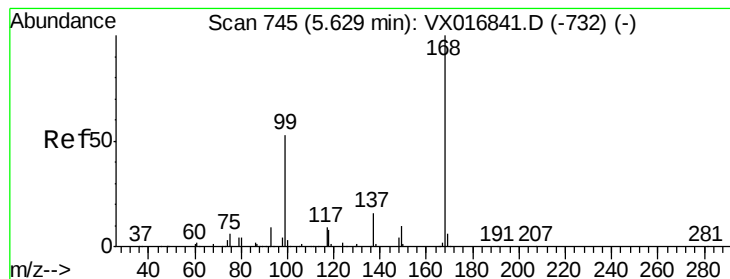
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

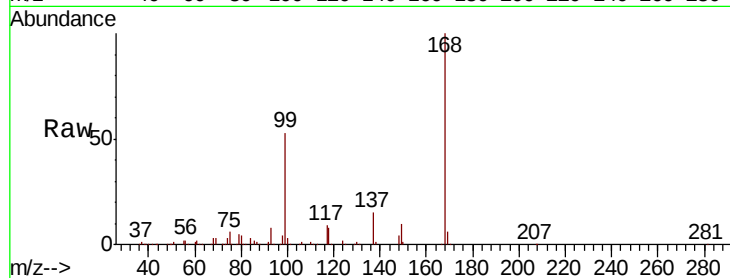
VX0619WBSD02

Tot Ion:168 Resp: 278762

Ion Ratio Lower Upper

168 100

99 53.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

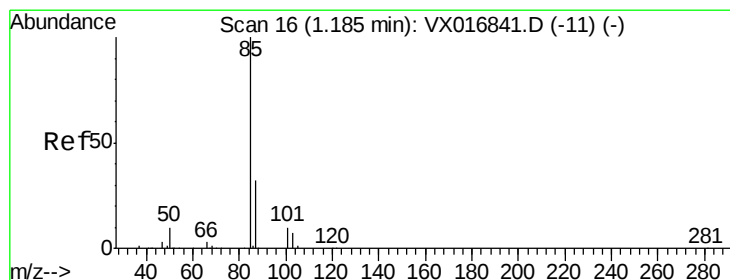
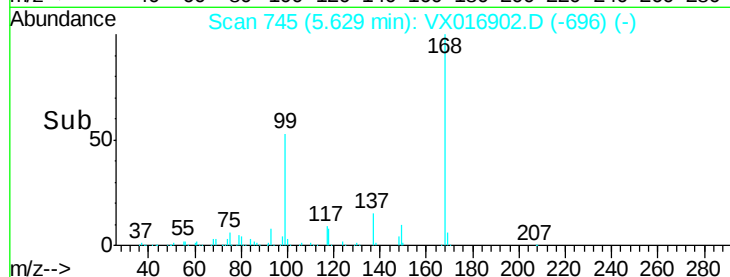
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.850 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016902.D

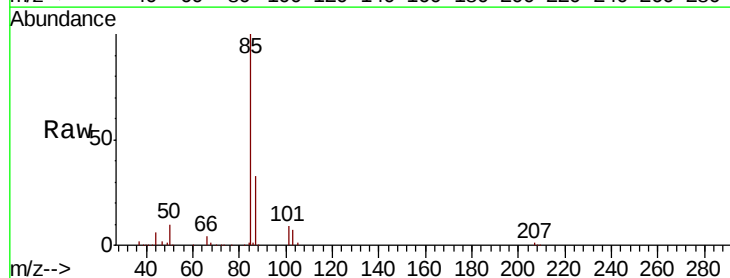
Acq: 20 Jun 2020 02:51

Tgt Ion: 85 Resp: 67908

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

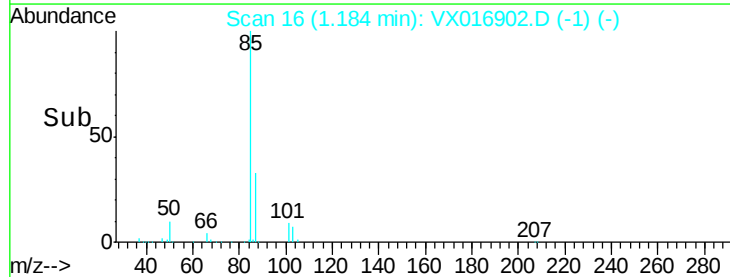
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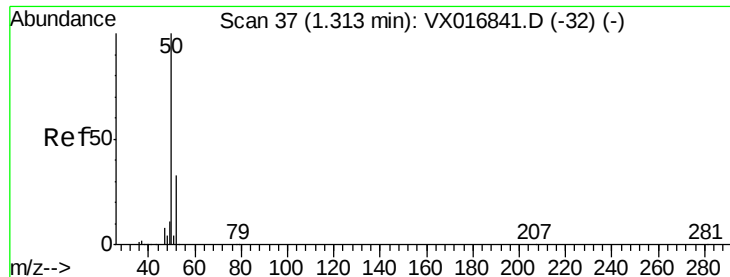
20000

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Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.287 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

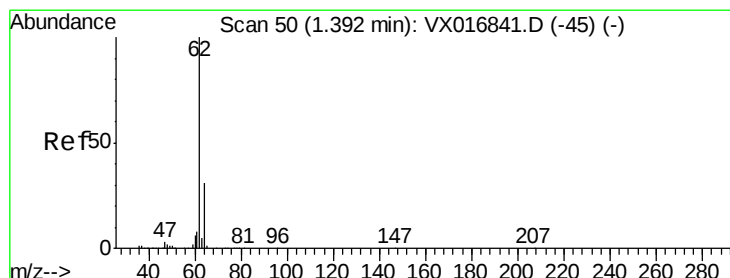
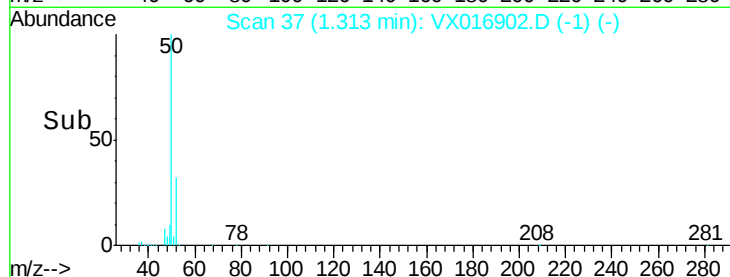
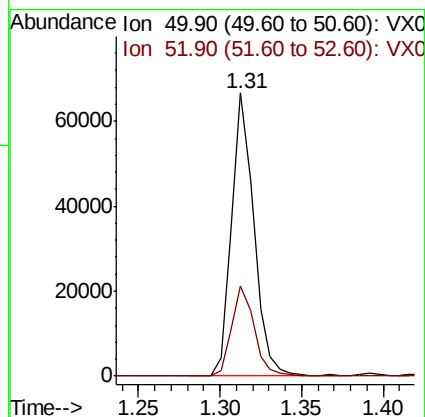
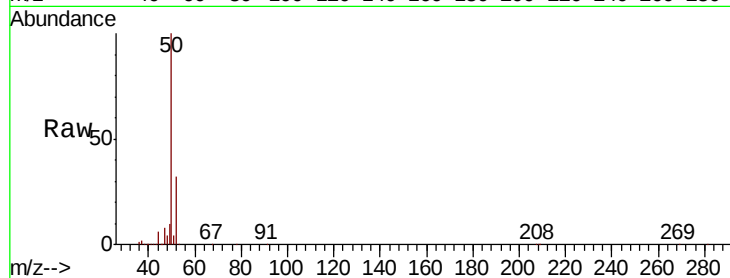
VX0619WBSD02

Tot Ion: 50 Resp: 63435

Ion Ratio Lower Upper

50 100

52 31.7 26.1 39.1



#4

Vinyl Chloride

Concen: 21.606 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016902.D

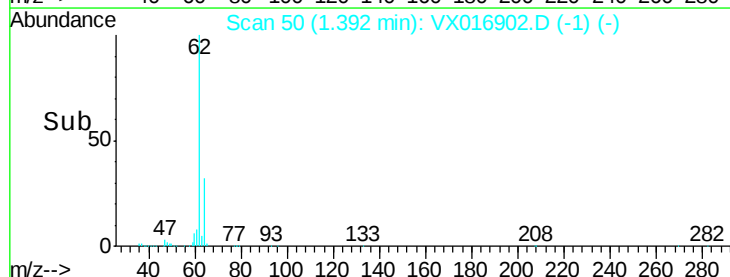
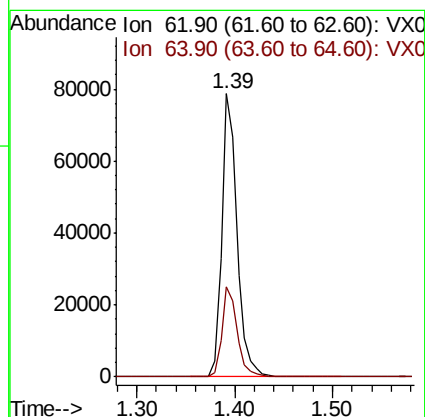
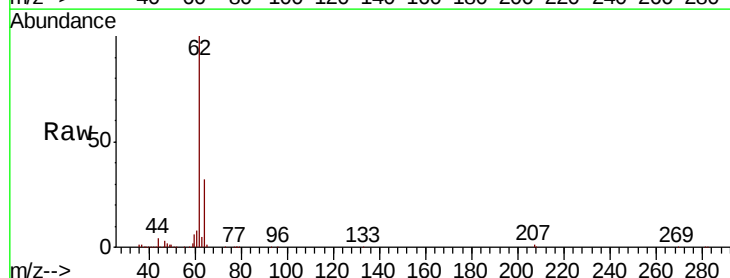
Acq: 20 Jun 2020 02:51

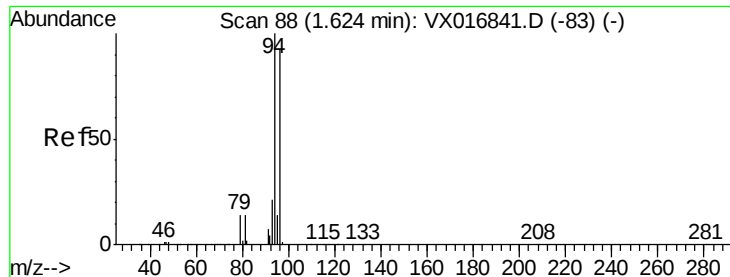
Tgt Ion: 62 Resp: 84469

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.4





#5

Bromomethane

Concen: 21.345 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

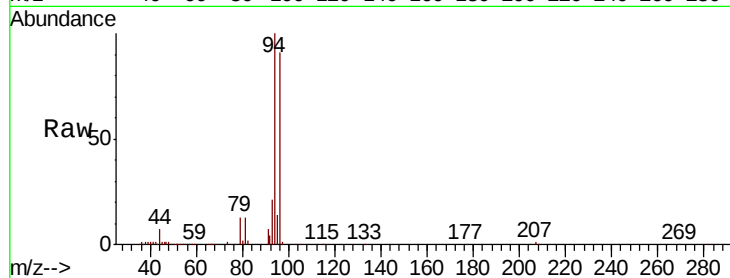
VX0619WBSD02

Tot Ion: 94 Resp: 50247

Ion Ratio Lower Upper

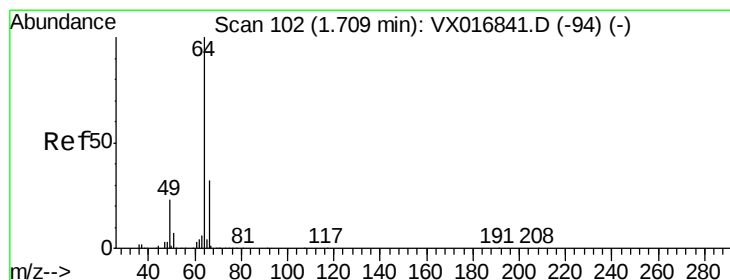
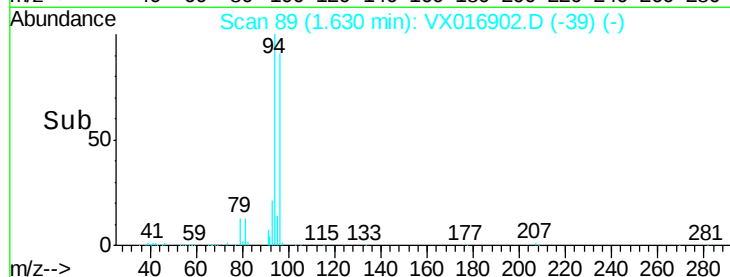
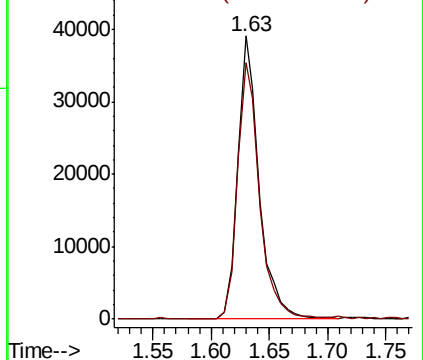
94 100

96 90.5 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.059 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016902.D

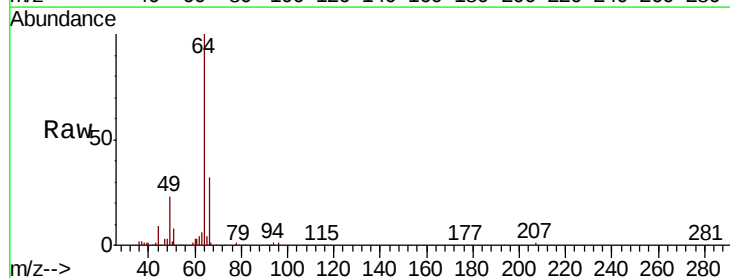
Acq: 20 Jun 2020 02:51

Tgt Ion: 64 Resp: 48300

Ion Ratio Lower Upper

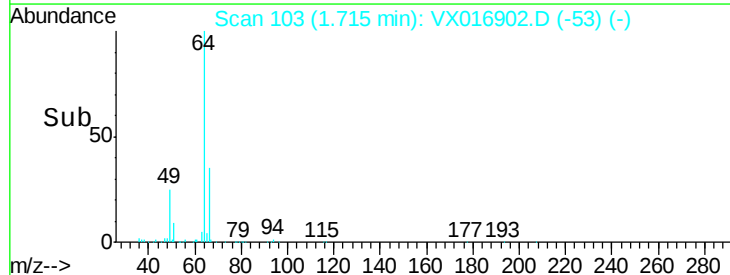
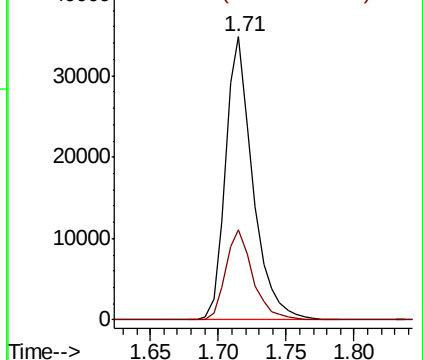
64 100

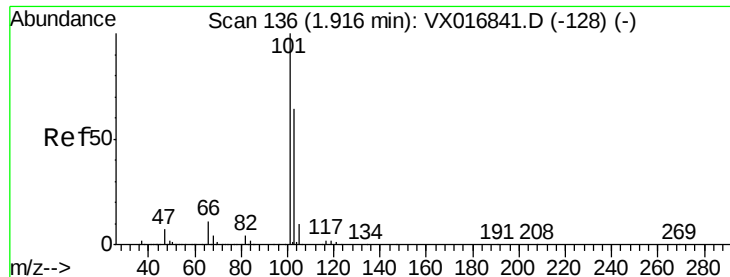
66 31.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



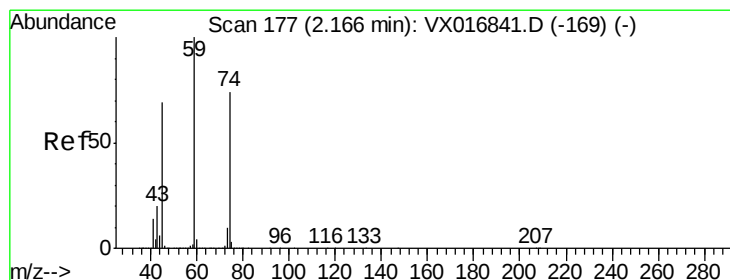
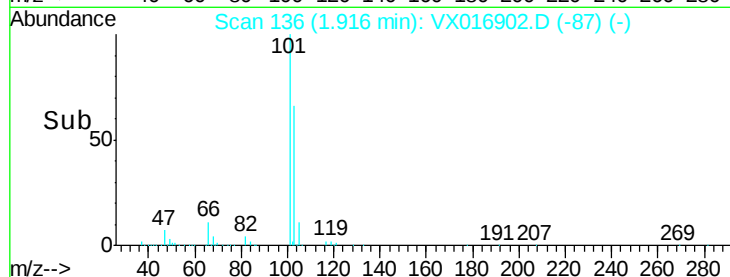
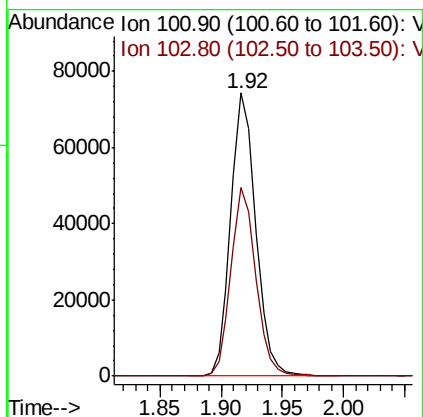
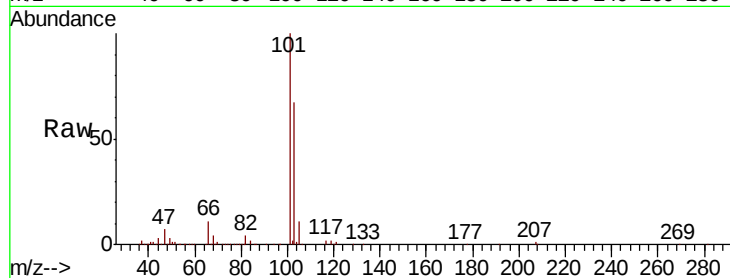


#7

Trichlorofluoromethane
Concen: 19.277 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
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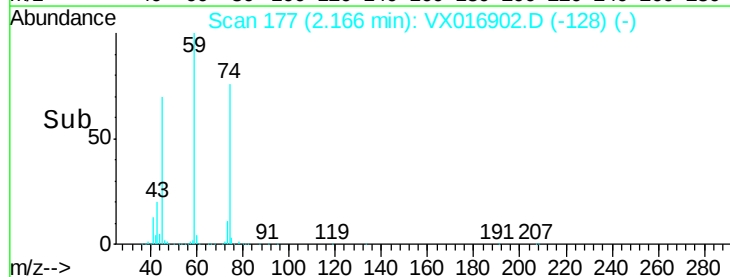
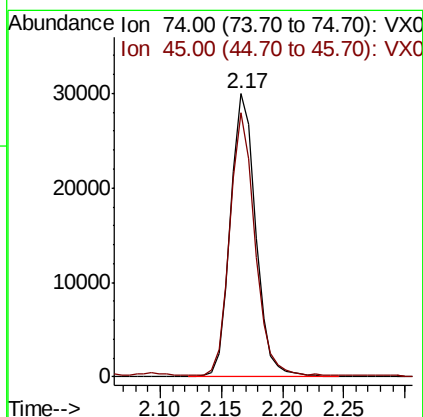
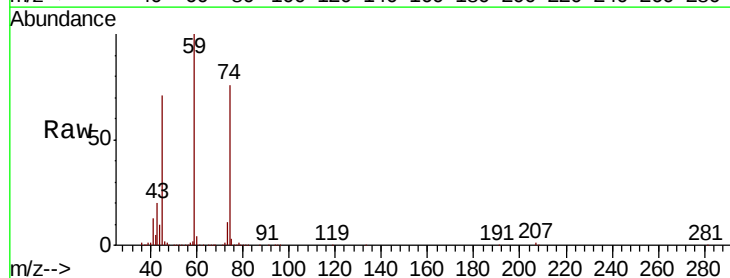
Tot Ion:101 Resp: 105433
Ion Ratio Lower Upper
101 100
103 66.5 51.2 76.8

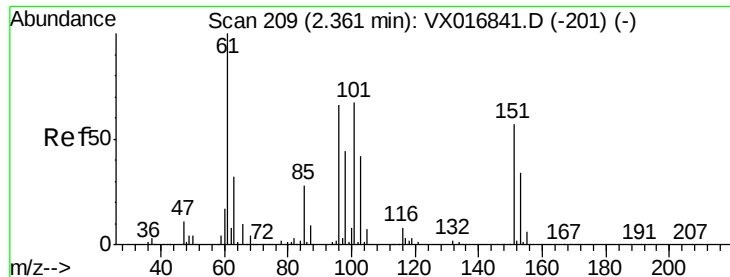


#8

Diethyl Ether
Concen: 20.102 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 74 Resp: 42746
Ion Ratio Lower Upper
74 100
45 91.5 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.290 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

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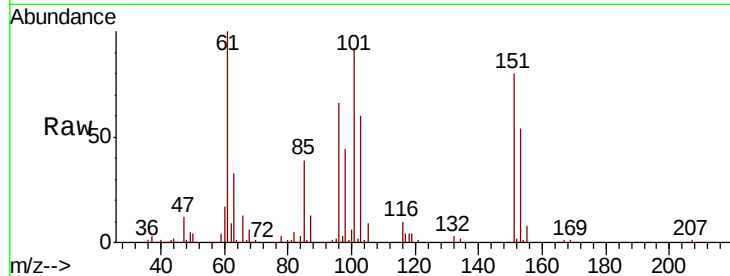
Tot Ion:101 Resp: 50369

Ion Ratio Lower Upper

101 100

85 42.7 34.3 51.5

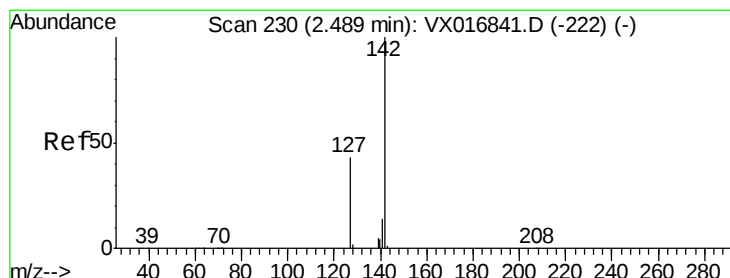
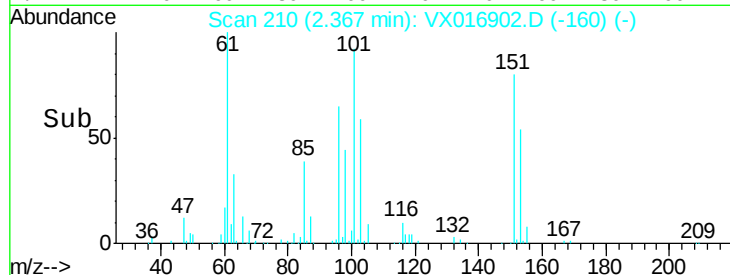
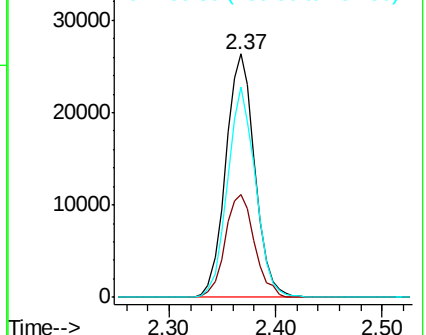
151 83.1 67.6 101.4



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: 15.086 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

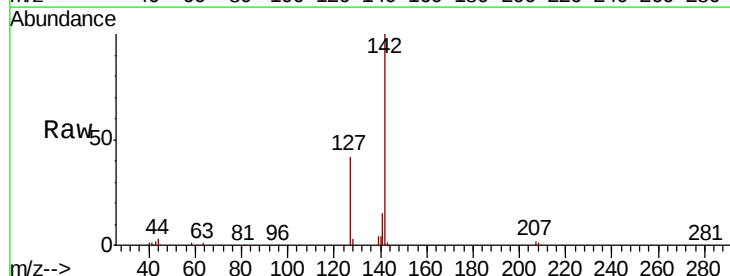
Tgt Ion:142 Resp: 41839

Ion Ratio Lower Upper

142 100

127 42.3 35.1 52.7

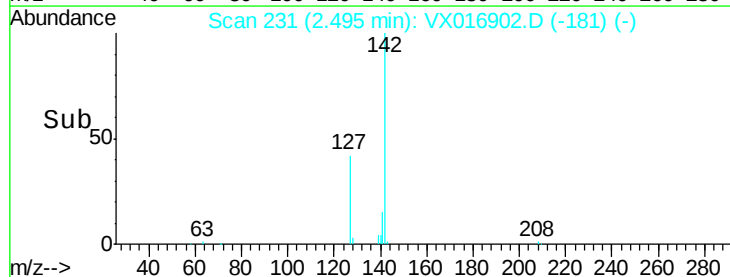
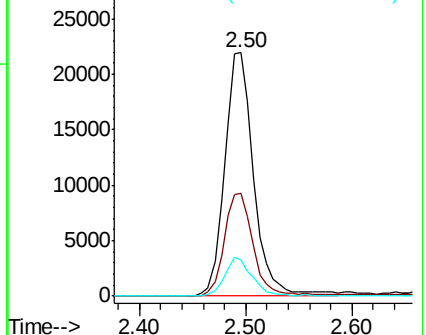
141 14.6 11.6 17.4

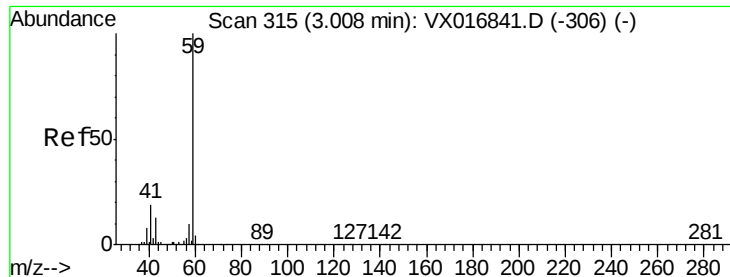


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



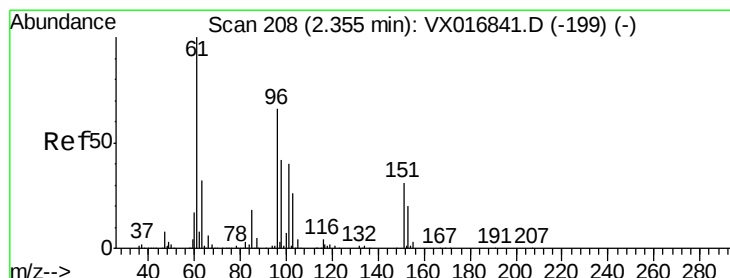
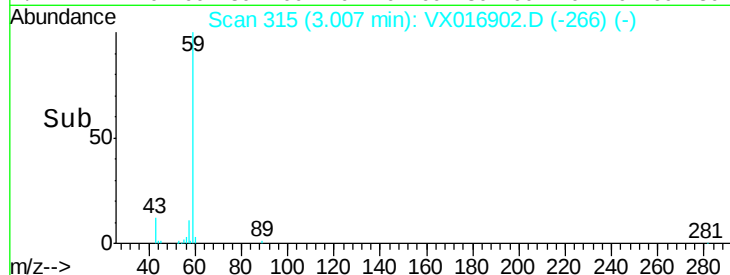
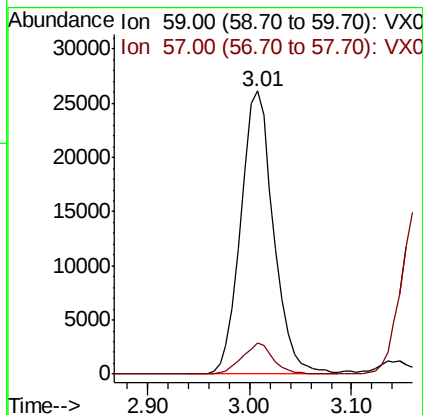
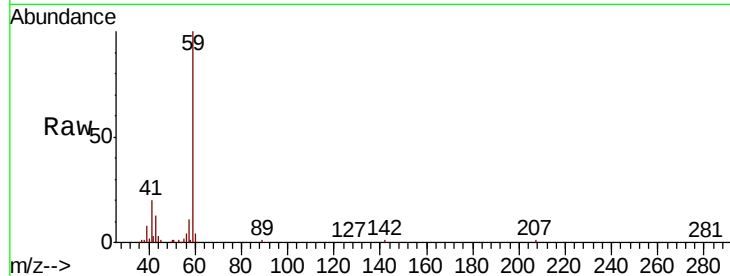


#11

Tert butyl alcohol
 Concen: 103.257 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

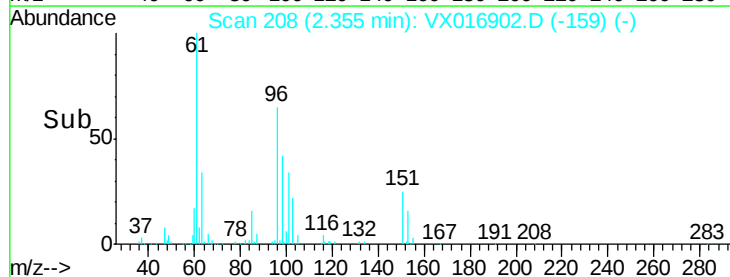
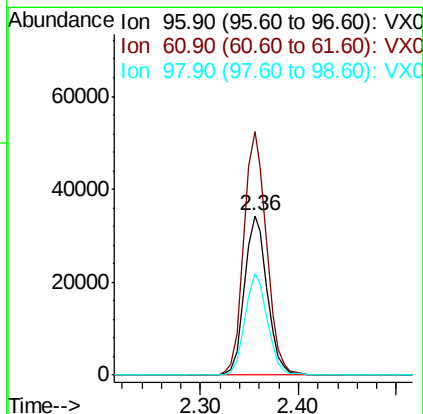
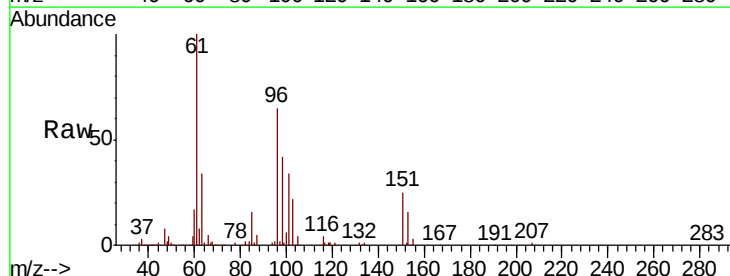
Tot Ion: 59 Resp: 58522
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

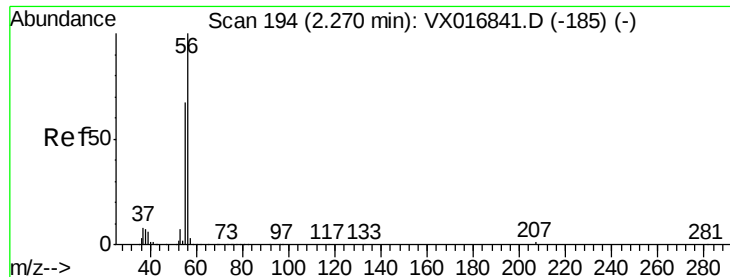


#12

1,1-Dichloroethene
 Concen: 18.576 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Tgt Ion: 96 Resp: 55338
 Ion Ratio Lower Upper
 96 100
 61 153.0 121.7 182.5
 98 63.5 51.1 76.7





#13

Acrolein

Concen: 114.538 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

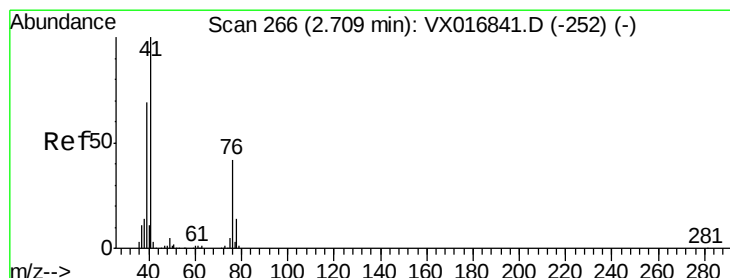
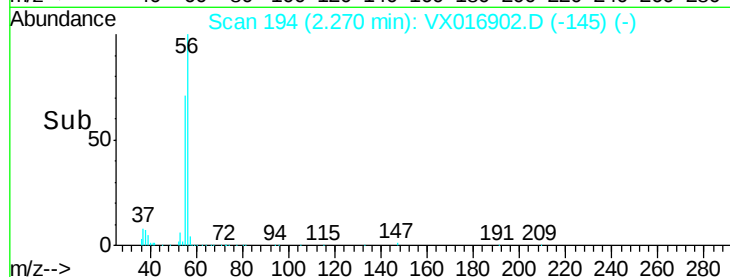
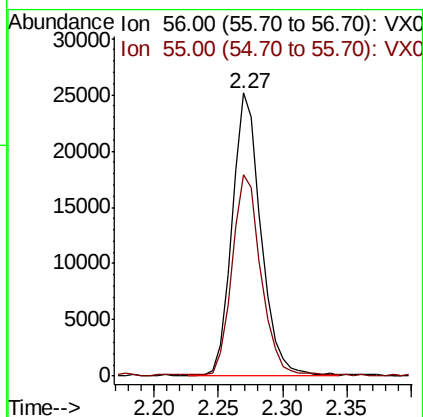
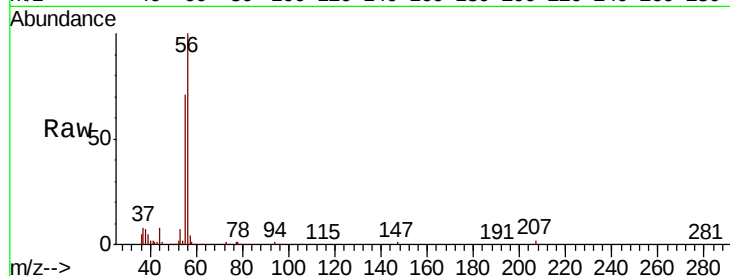
VX0619WBSD02

Tot Ion: 56 Resp: 39358

Ion Ratio Lower Upper

56 100

55 72.6 55.7 83.5



#14

Allyl chloride

Concen: 19.849 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

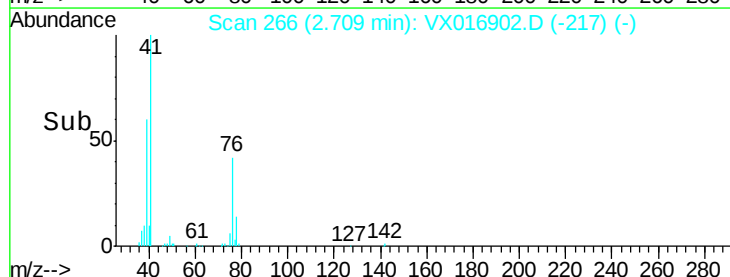
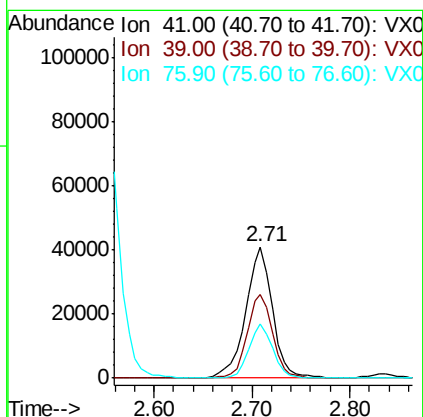
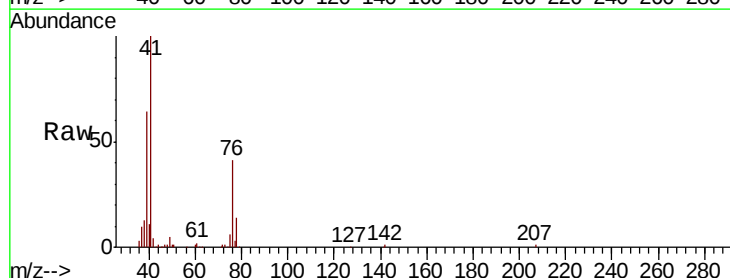
Tgt Ion: 41 Resp: 78211

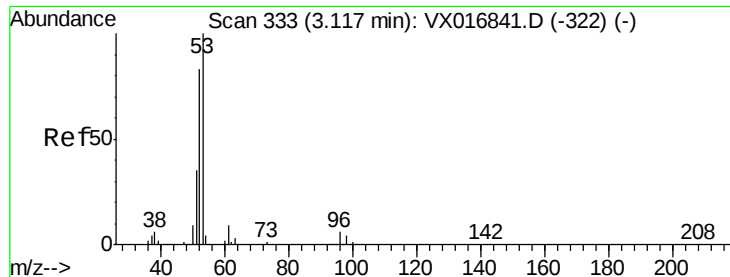
Ion Ratio Lower Upper

41 100

39 60.7 50.7 76.1

76 36.8 30.9 46.3





#15

Acrylonitrile

Concen: 103.553 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

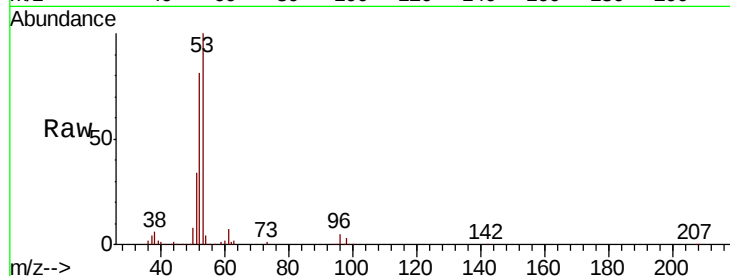
Tot Ion: 53 Resp: 134493

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.2

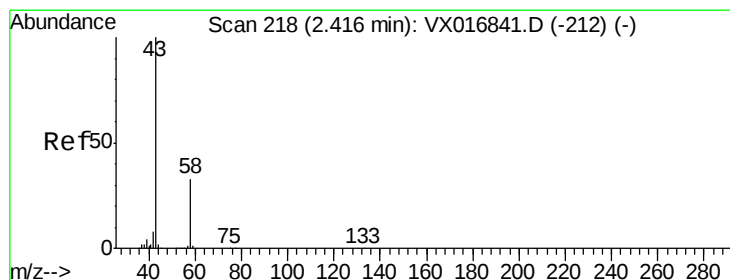
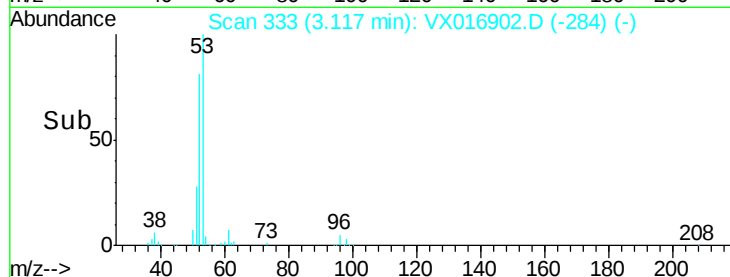
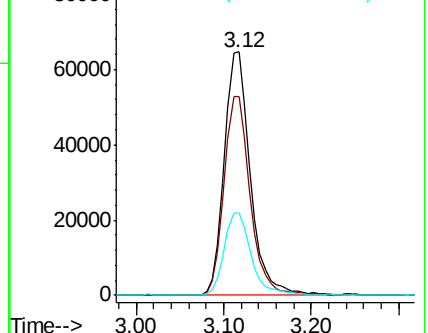
51 35.3 28.7 43.1



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: 92.928 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016902.D

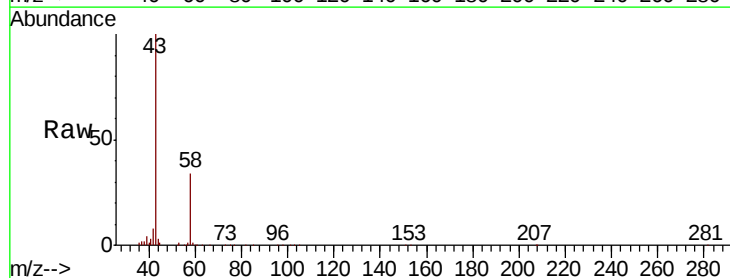
Acq: 20 Jun 2020 02:51

Tgt Ion: 43 Resp: 113099

Ion Ratio Lower Upper

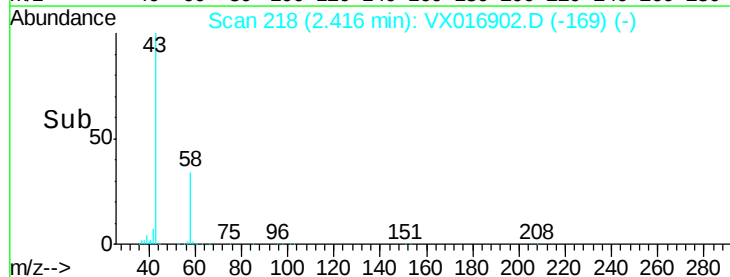
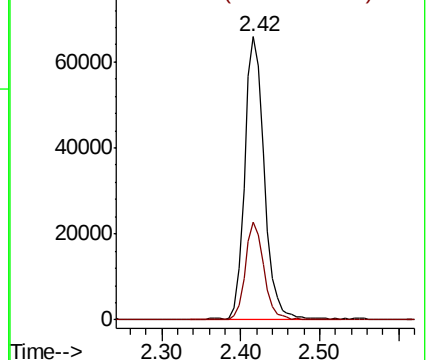
43 100

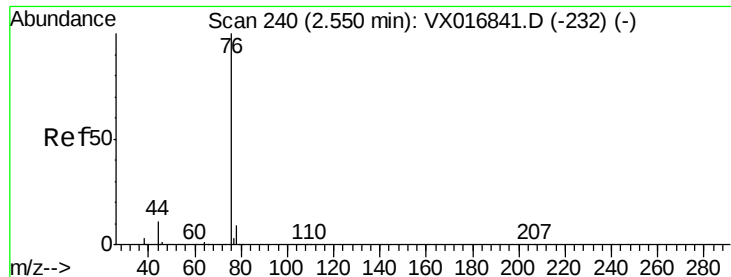
58 34.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

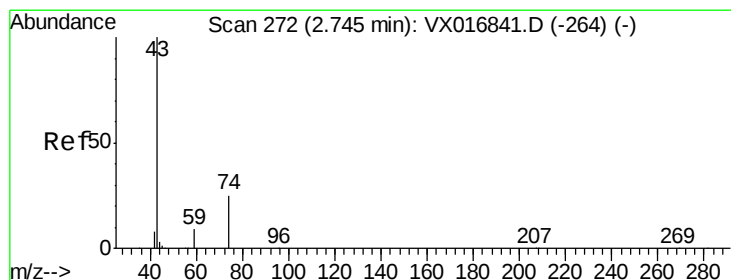
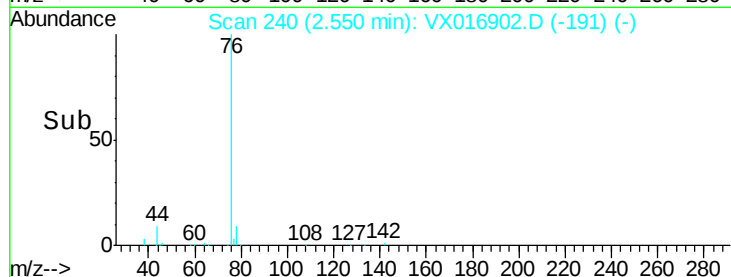
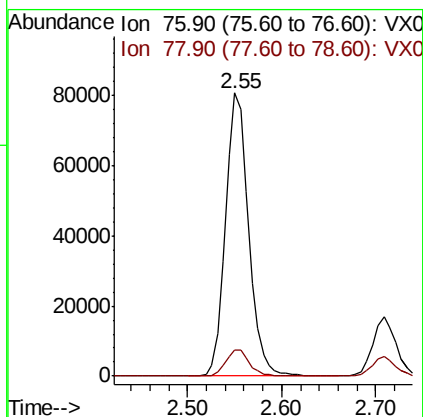
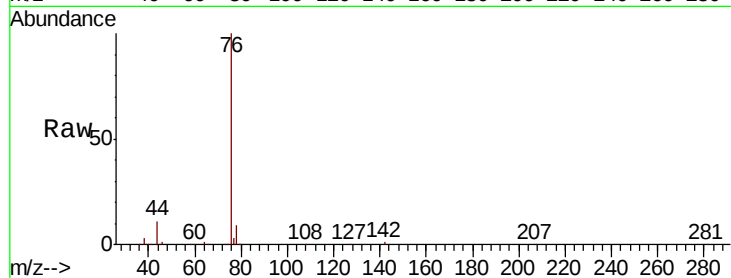




#17
Carbon Disulfide
Concen: 17.873 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

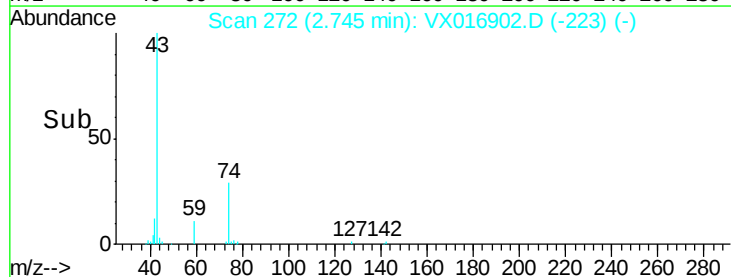
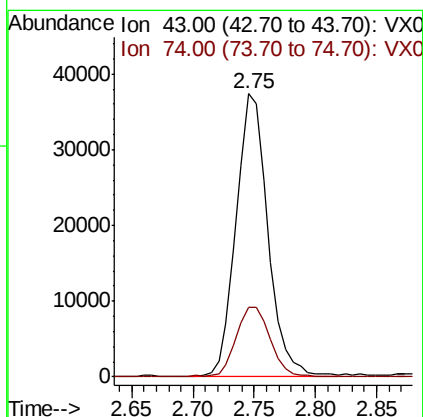
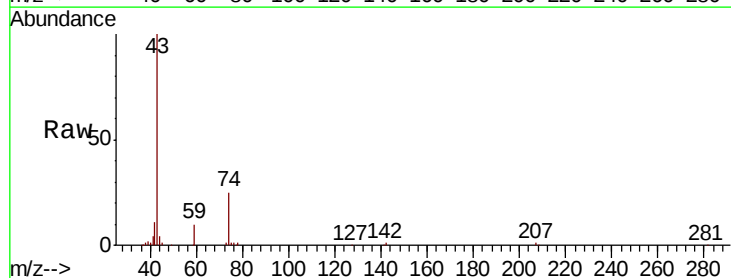
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

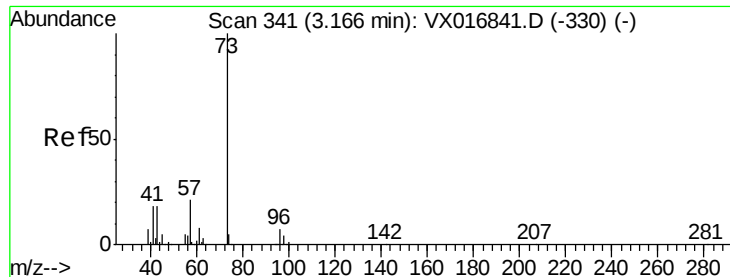
Tot Ion: 76 Resp: 137599
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 21.717 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 43 Resp: 67209
Ion Ratio Lower Upper
43 100
74 27.1 21.8 32.8

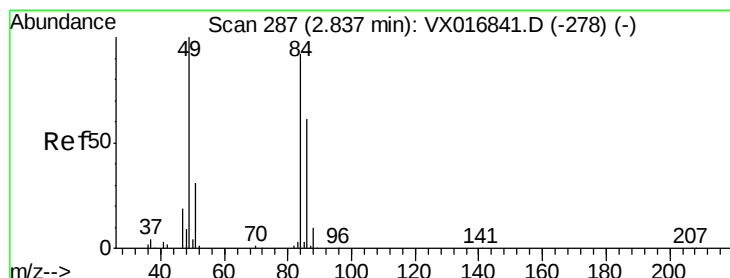
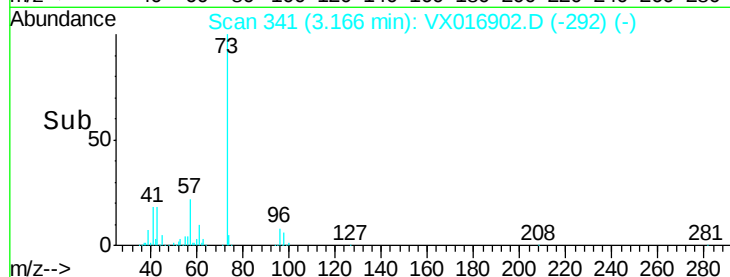
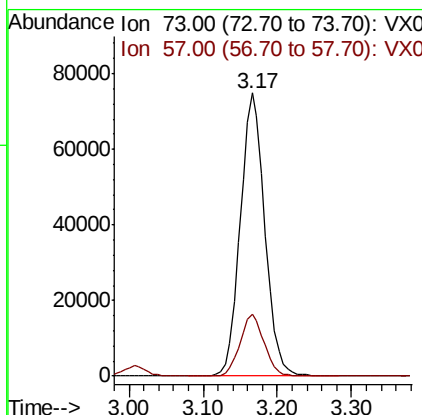
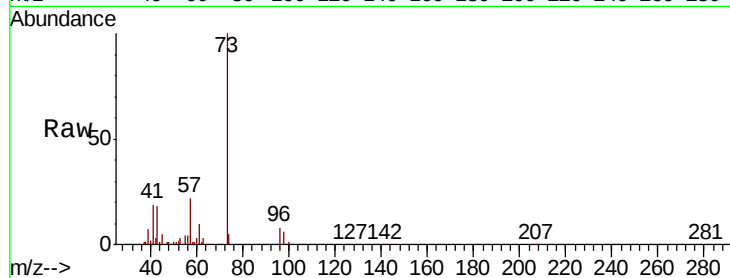




#19
Methyl tert-butyl Ether
Concen: 20.344 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

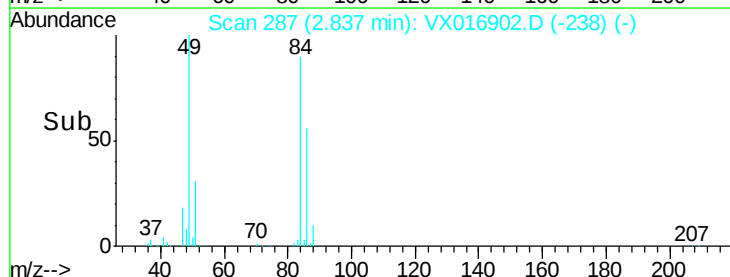
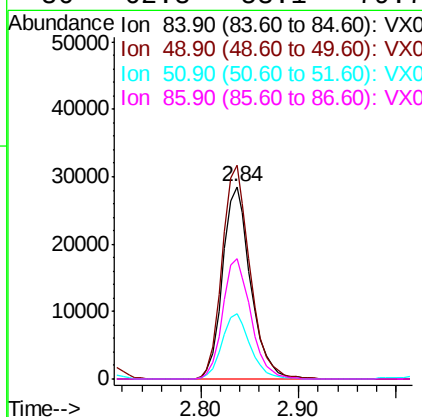
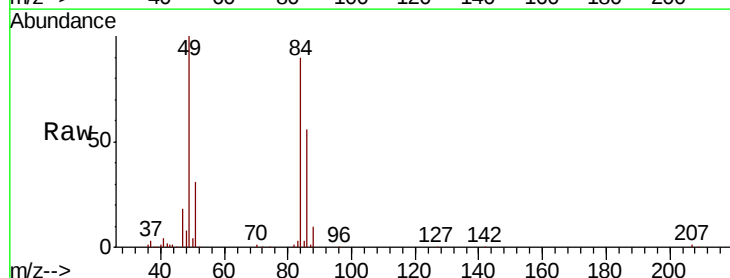
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

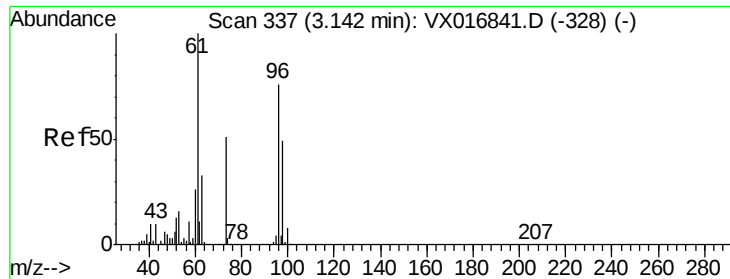
Tot Ion: 73 Resp: 172711
Ion Ratio Lower Upper
73 100
57 21.8 16.9 25.3



#20
Methylene Chloride
Concen: 19.332 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 84 Resp: 56423
Ion Ratio Lower Upper
84 100
49 111.2 86.6 129.8
51 34.2 27.1 40.7
86 62.8 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 19.781 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

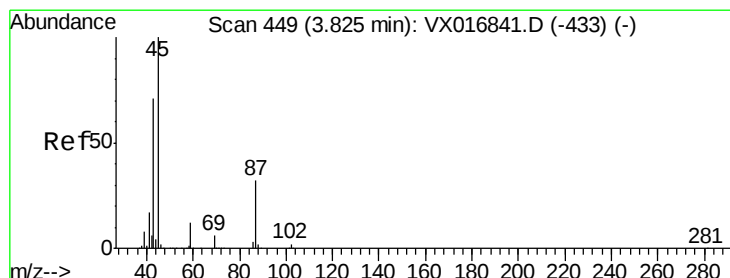
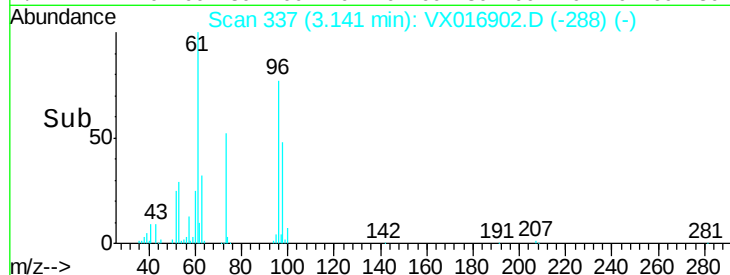
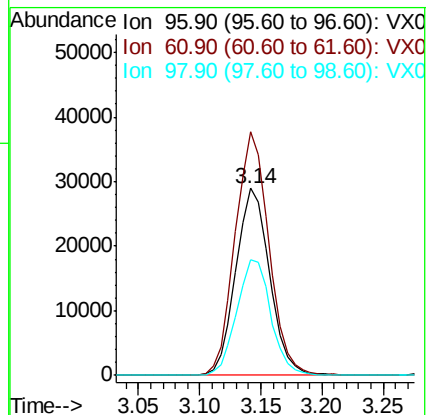
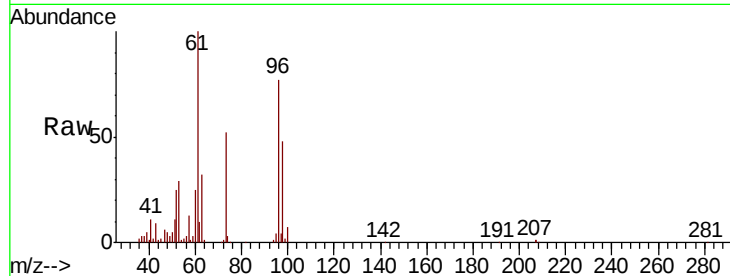
Tot Ion: 96 Resp: 55623

Ion Ratio Lower Upper

96 100

61 130.1 105.4 158.0

98 62.1 51.3 76.9



#22

Diisopropyl ether

Concen: 21.162 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Tgt Ion: 45 Resp: 159762

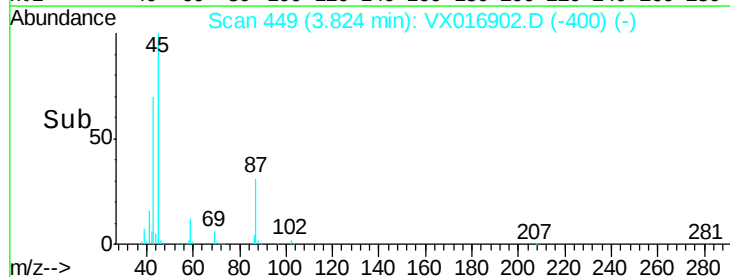
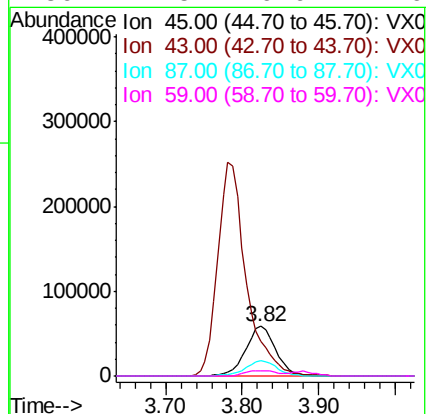
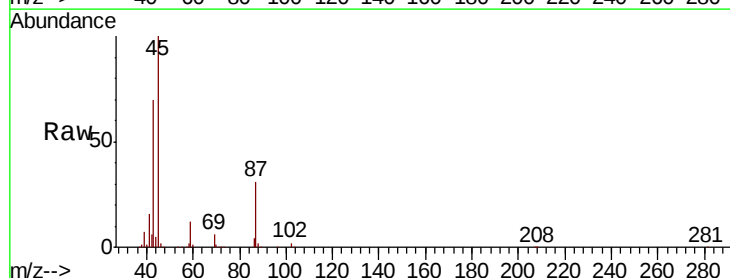
Ion Ratio Lower Upper

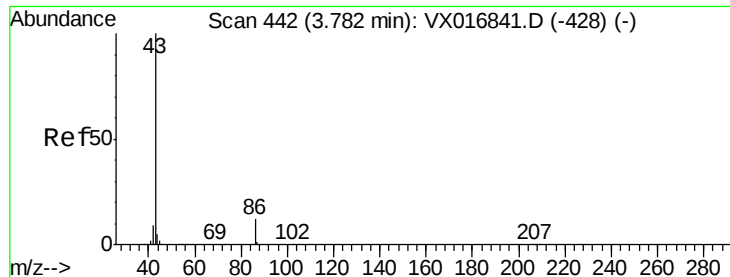
45 100

43 69.8 57.0 85.4

87 30.5 25.2 37.8

59 11.5 9.9 14.9





#23

Vinyl Acetate

Concen: 104.310 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

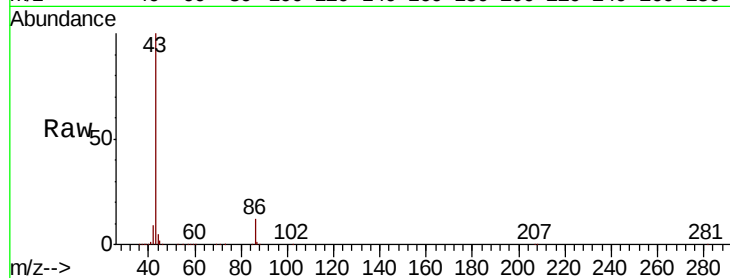
VX0619WBSD02

Tot Ion: 43 Resp: 649365

Ion Ratio Lower Upper

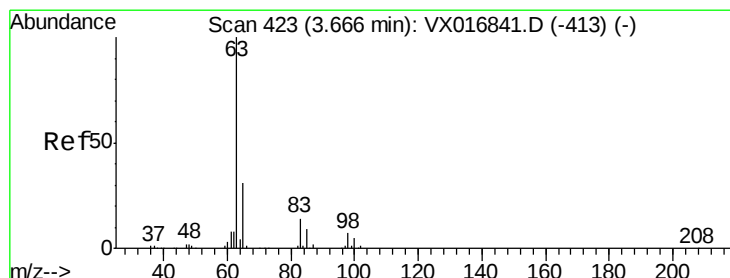
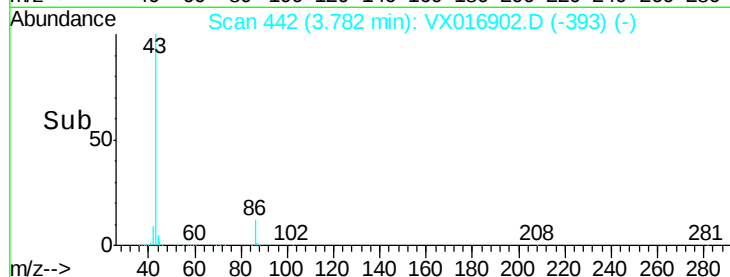
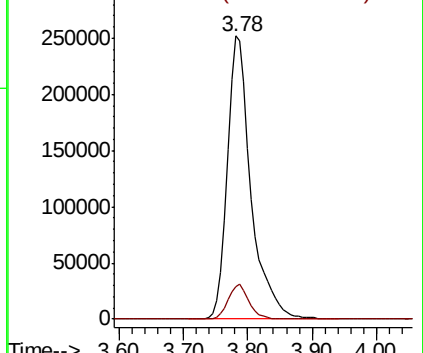
43 100

86 11.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.467 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

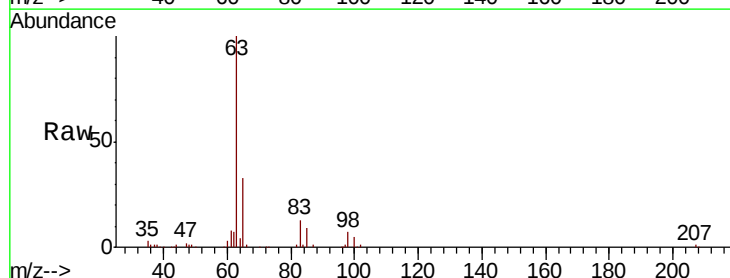
Tgt Ion: 63 Resp: 96517

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

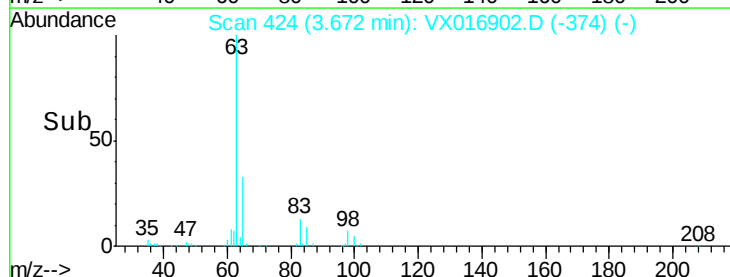
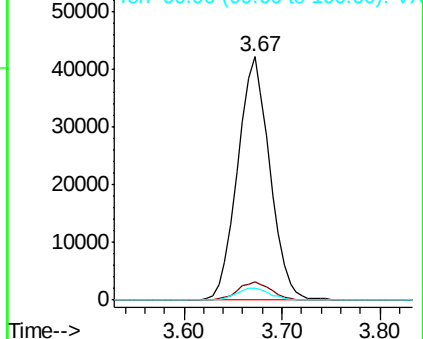
100 5.0 2.4 7.1

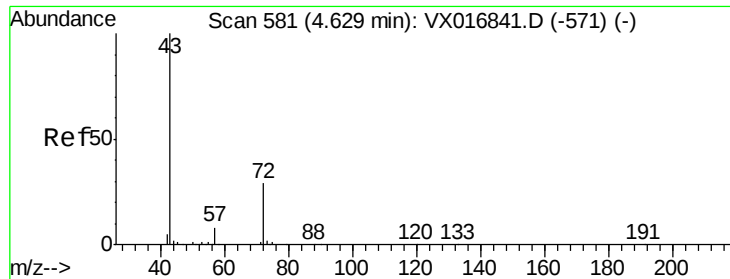


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 131.409 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

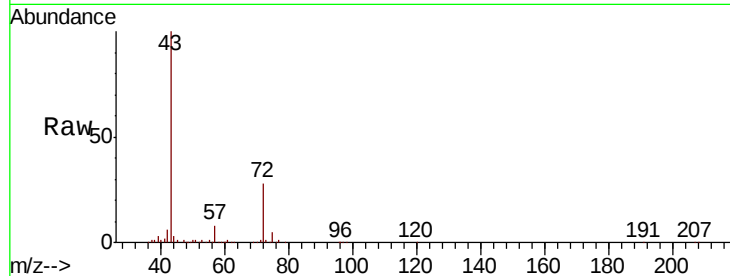
VX0619WBSD02

Tot Ion: 43 Resp: 220108

Ion Ratio Lower Upper

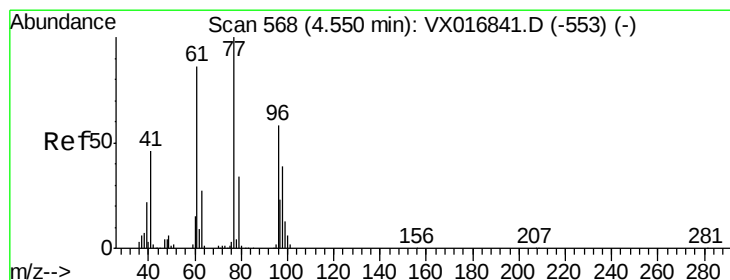
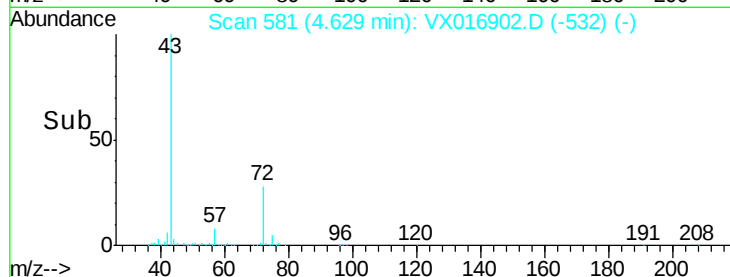
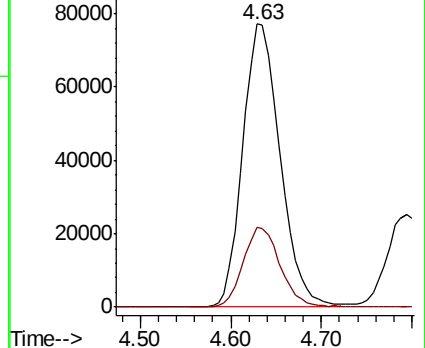
43 100

72 28.1 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.396 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016902.D

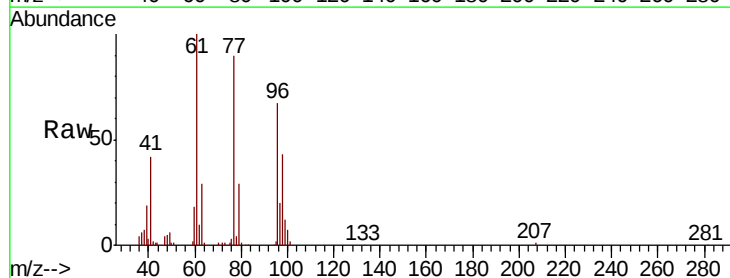
Acq: 20 Jun 2020 02:51

Tgt Ion: 77 Resp: 72442

Ion Ratio Lower Upper

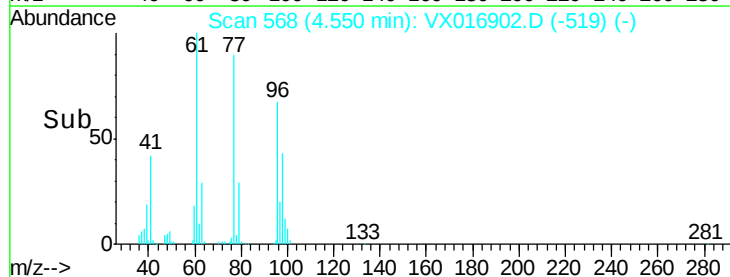
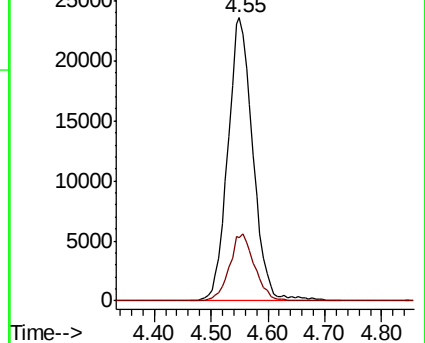
77 100

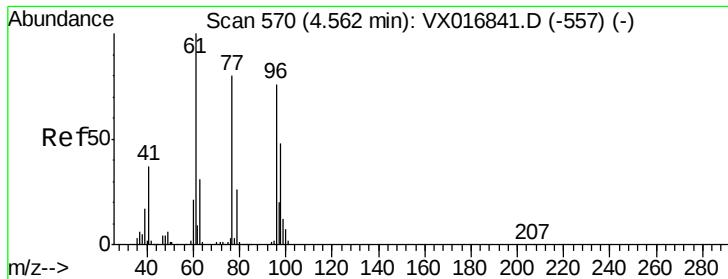
97 23.7 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



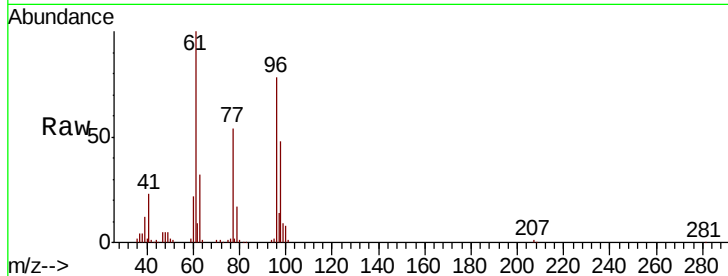


#27

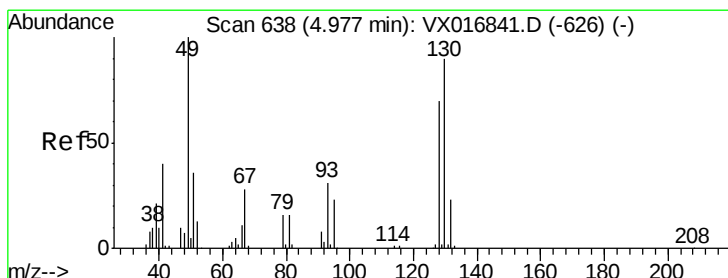
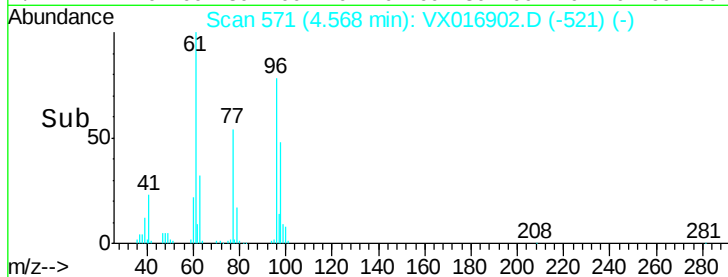
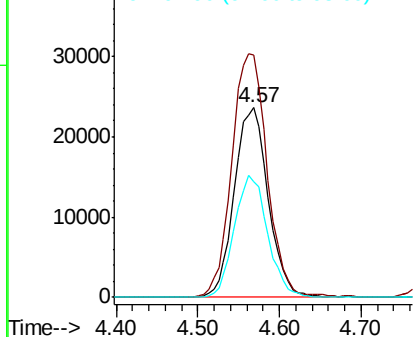
cis-1,2-Dichloroethene
Concen: 21.554 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion: 96 Resp: 68122
Ion Ratio Lower Upper
96 100
61 133.7 0.0 273.8
98 63.2 0.0 129.0



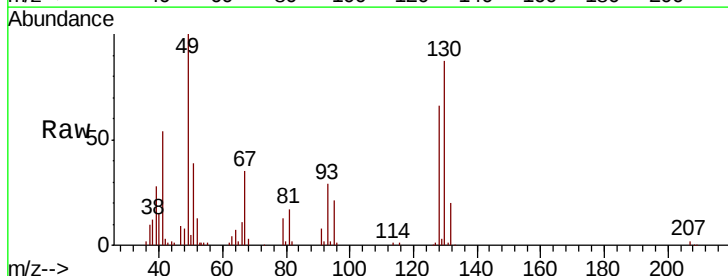
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



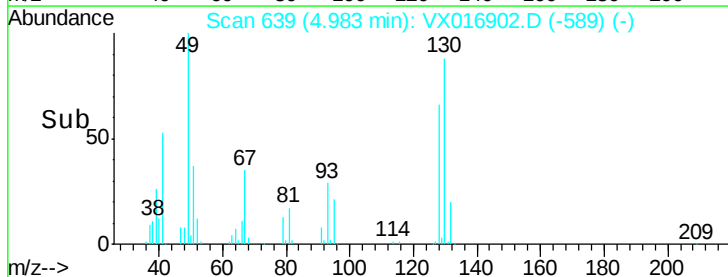
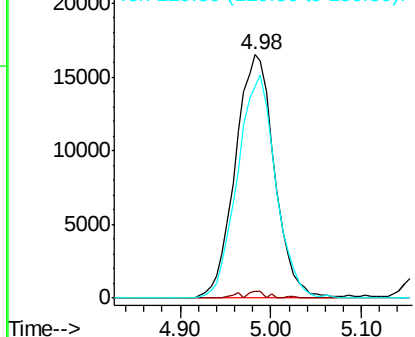
#28

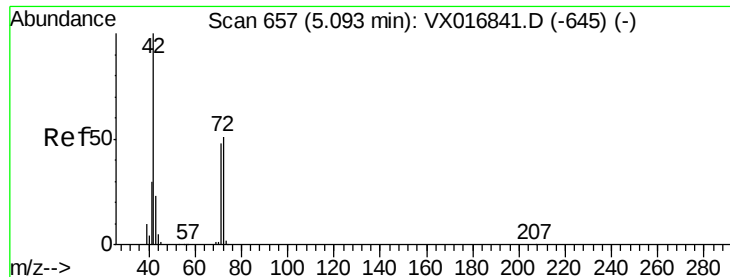
Bromochloromethane
Concen: 25.253 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 49 Resp: 49427
Ion Ratio Lower Upper
49 100
129 1.2 0.0 5.0
130 89.1 76.8 115.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 118.162 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

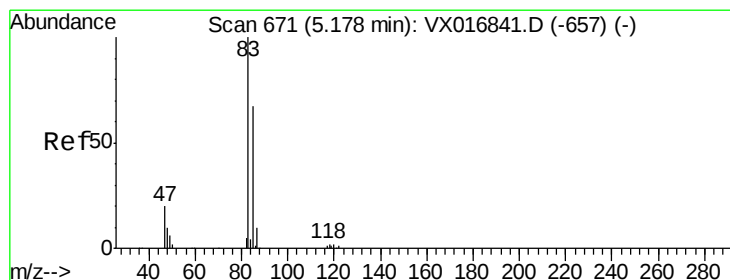
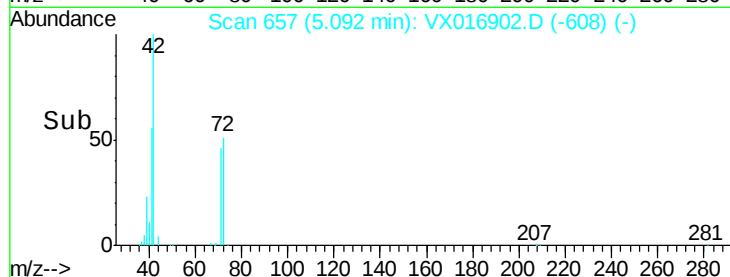
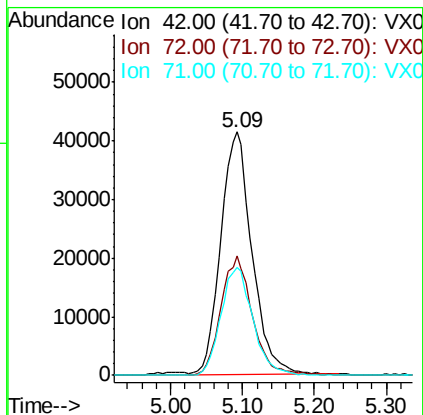
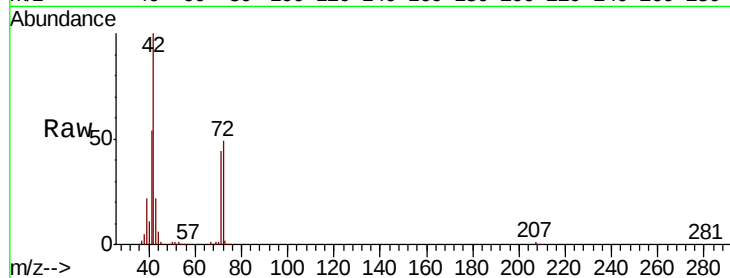
Tot Ion: 42 Resp: 124649

Ion Ratio Lower Upper

42 100

72 49.5 41.1 61.7

71 45.6 38.4 57.6



#30

Chloroform

Concen: 24.031 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016902.D

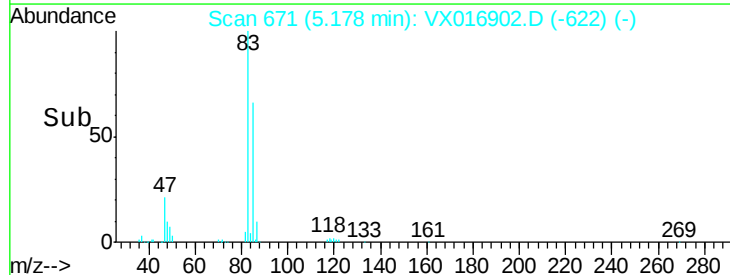
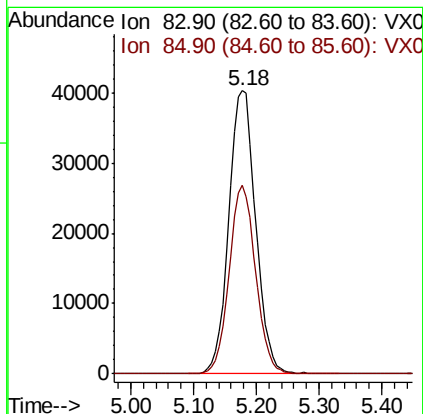
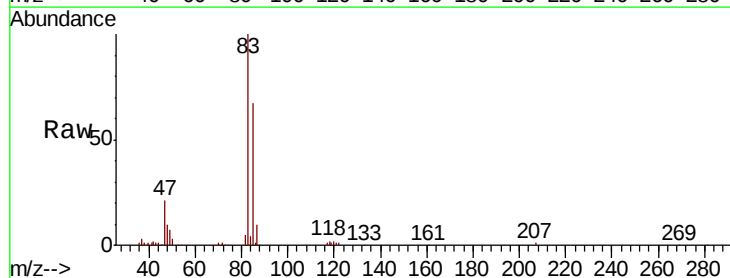
Acq: 20 Jun 2020 02:51

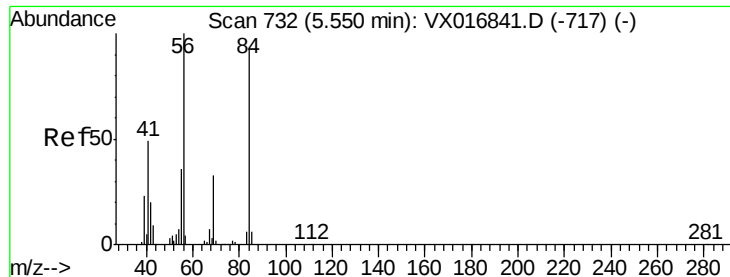
Tgt Ion: 83 Resp: 119644

Ion Ratio Lower Upper

83 100

85 66.7 53.4 80.0

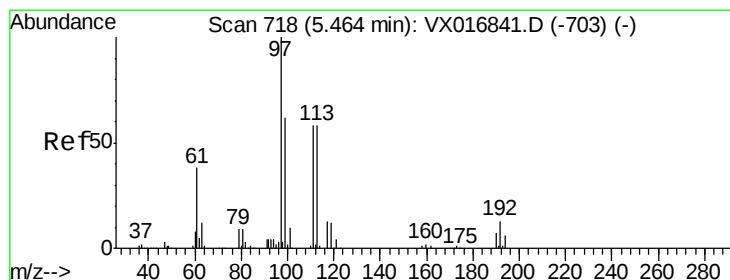
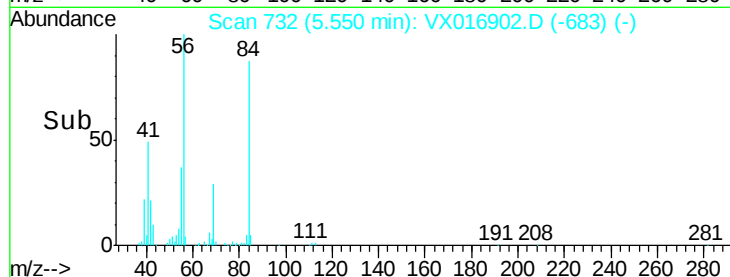
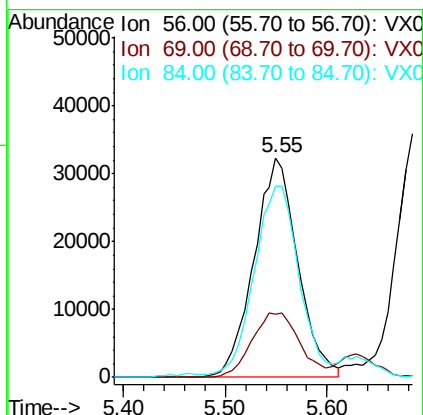
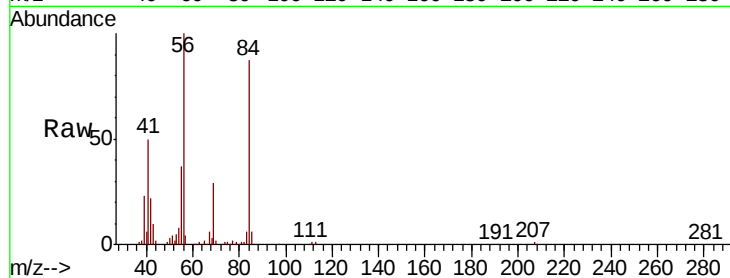




#31
Cvclohexane
Concen: 23.180 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

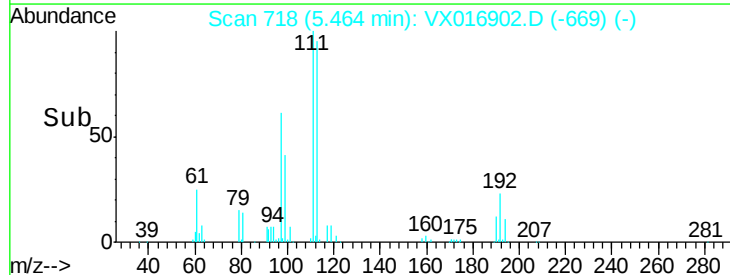
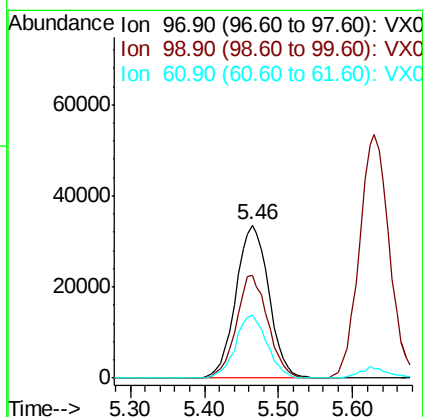
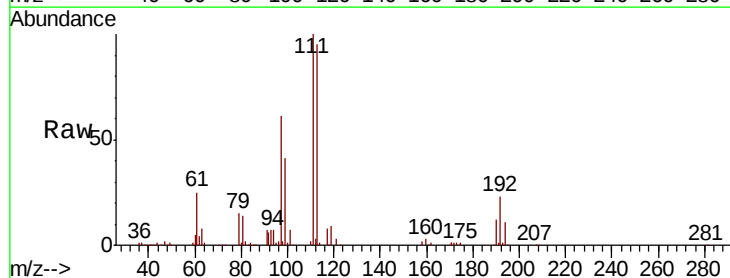
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

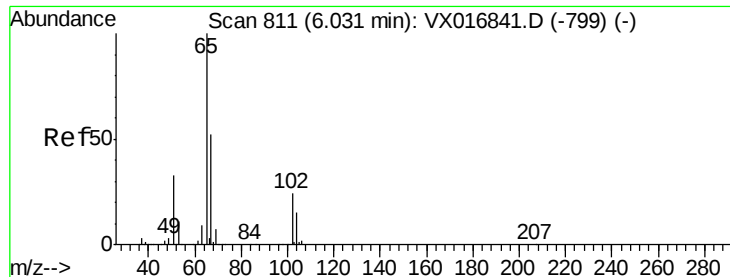
Tot Ion: 56 Resp: 96103
Ion Ratio Lower Upper
56 100
69 29.1 26.1 39.1
84 85.2 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 22.131 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 97 Resp: 104286
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 39.8 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 46.926 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

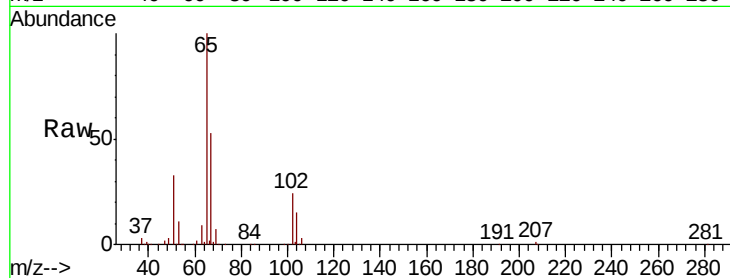
VX0619WBSD02

Tot Ion: 65 Resp: 157324

Ion Ratio Lower Upper

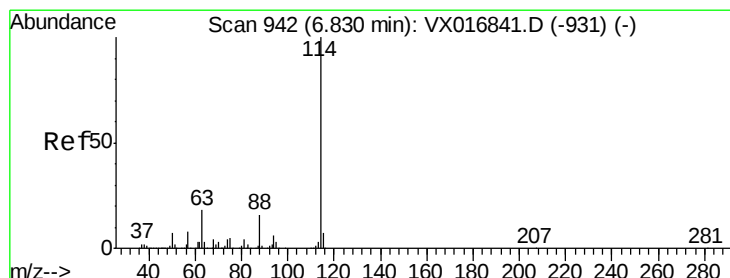
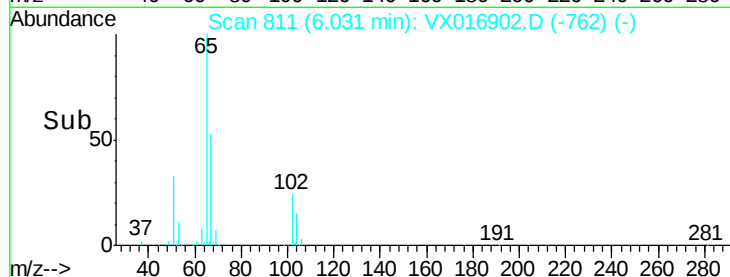
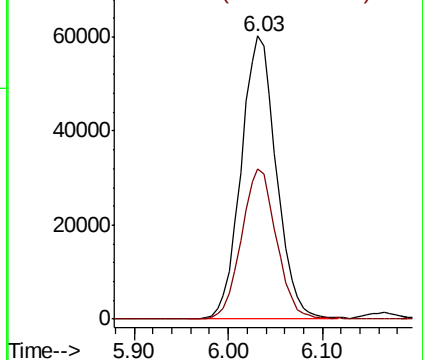
65 100

67 52.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

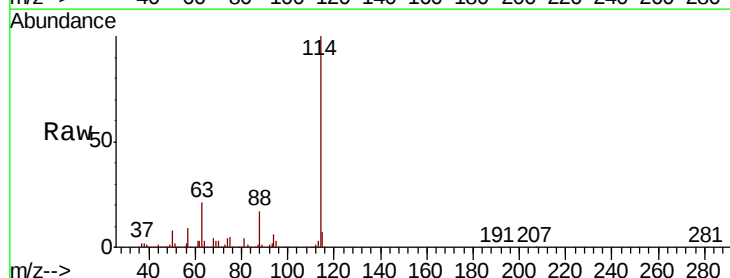
Tgt Ion: 114 Resp: 504168

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.0

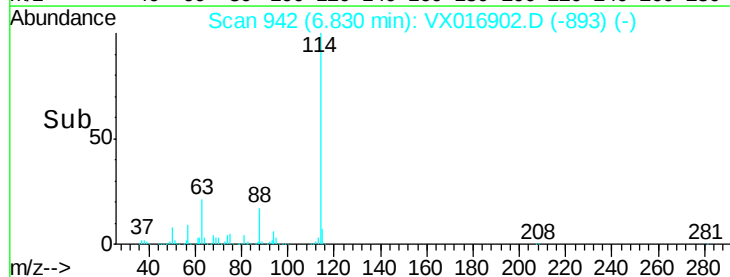
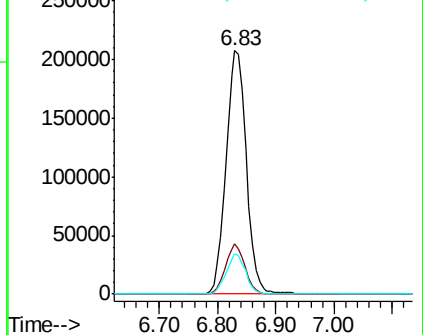
88 16.7 0.0 32.0

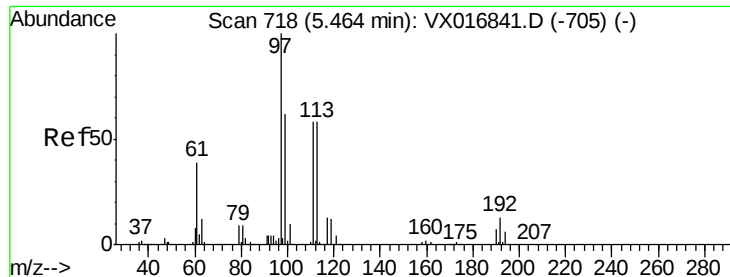


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.337 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

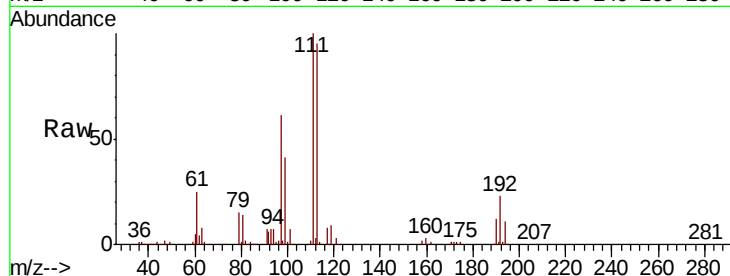
Tot Ion:113 Resp: 152668

Ion Ratio Lower Upper

113 100

111 102.1 81.0 121.4

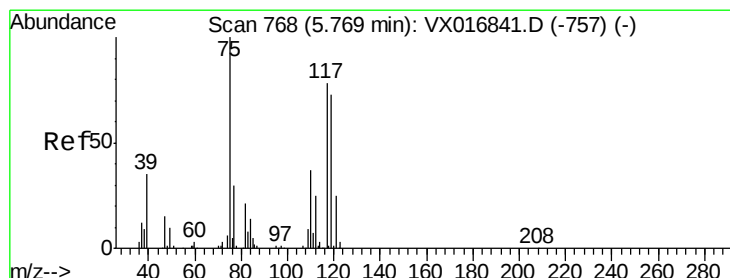
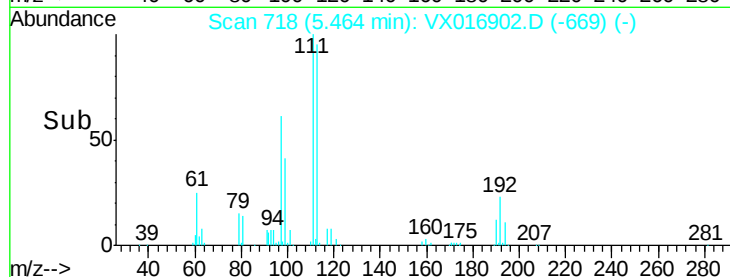
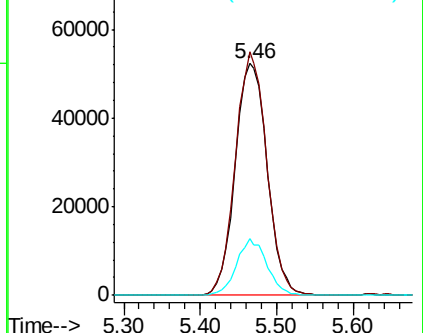
192 23.0 18.5 27.7



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: 16.207 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

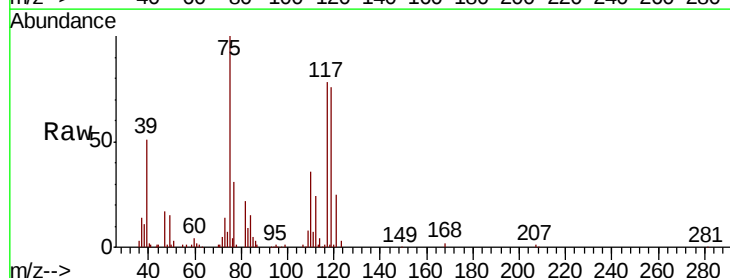
Tgt Ion: 75 Resp: 75446

Ion Ratio Lower Upper

75 100

110 37.0 18.9 56.9

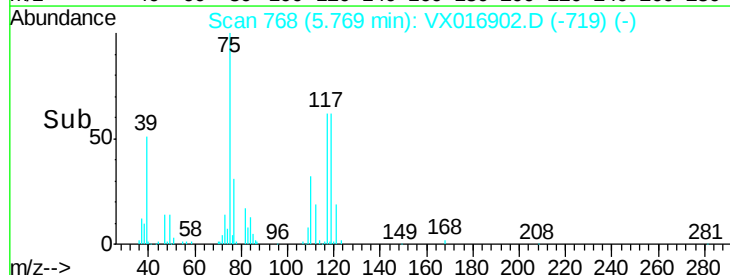
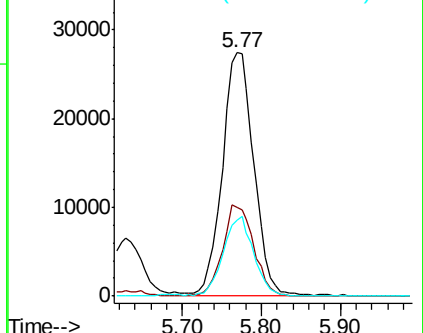
77 32.1 25.6 38.4

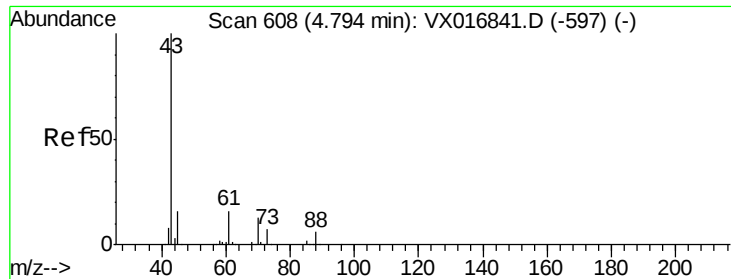


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

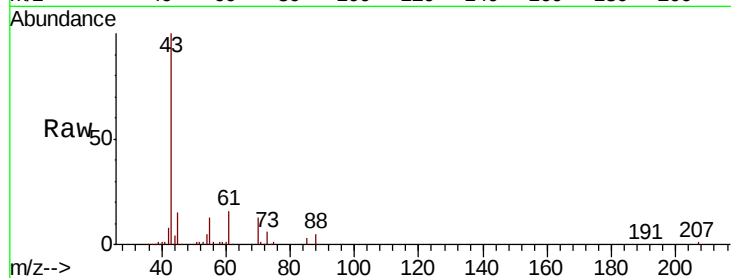




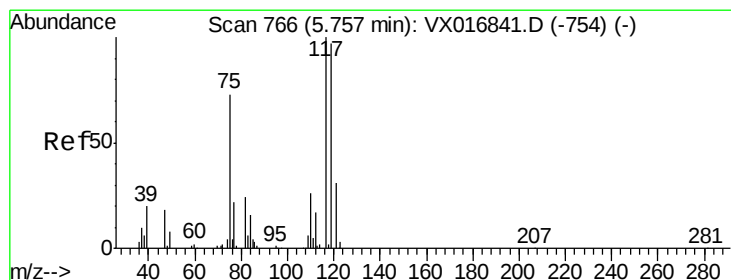
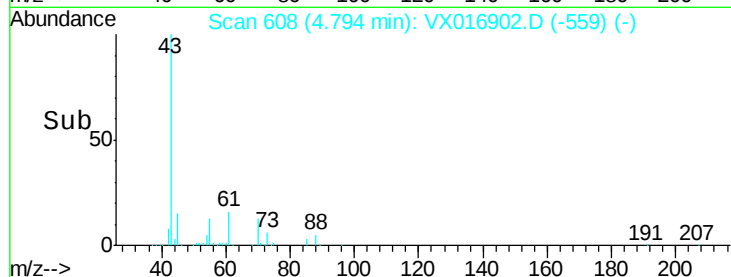
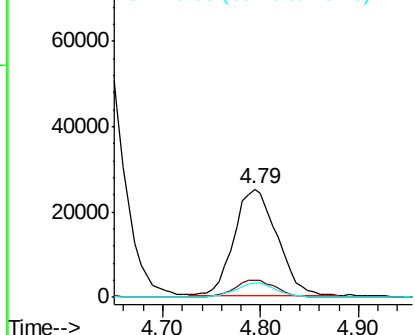
#37
Ethyl Acetate
Concen: 18.611 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion: 43 Resp: 76549
Ion Ratio Lower Upper
43 100
61 16.0 12.2 18.2
70 12.7 10.5 15.7

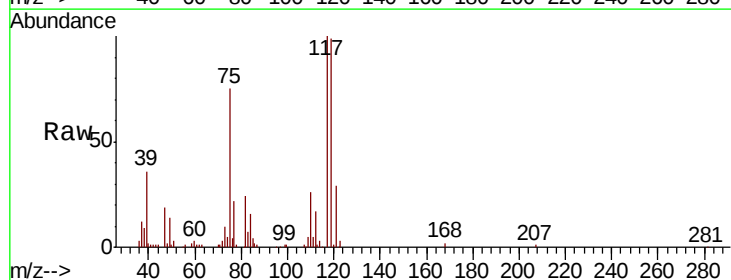


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

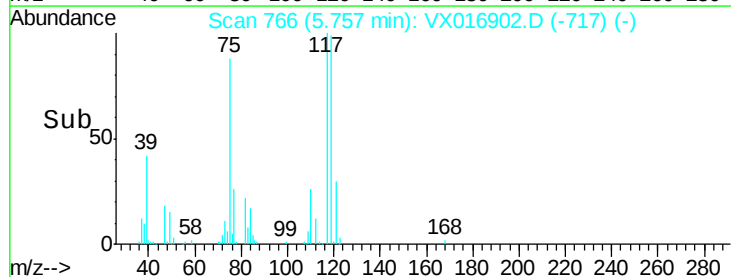
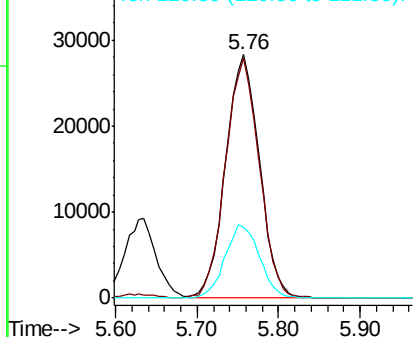


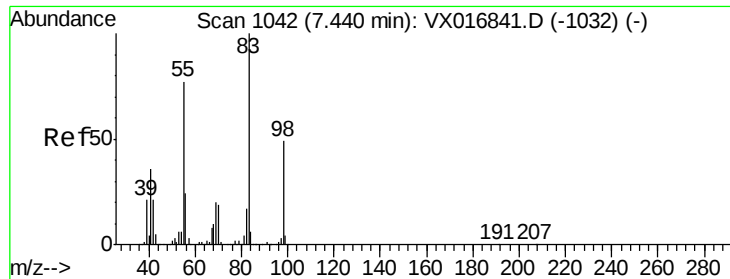
#38
Carbon Tetrachloride
Concen: 15.556 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 117 Resp: 81251
Ion Ratio Lower Upper
117 100
119 98.6 77.4 116.2
121 29.3 24.7 37.1



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

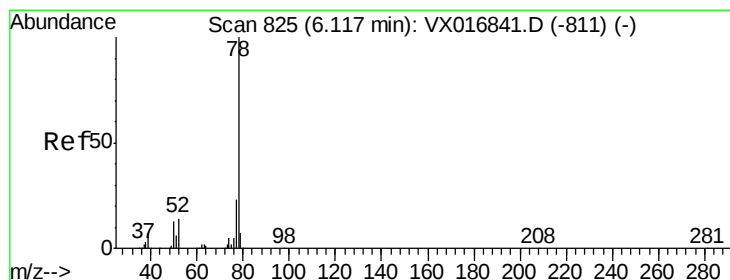
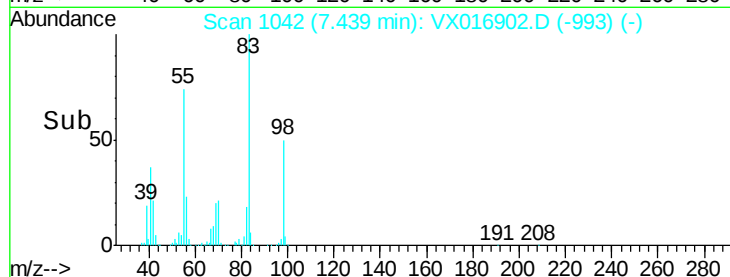
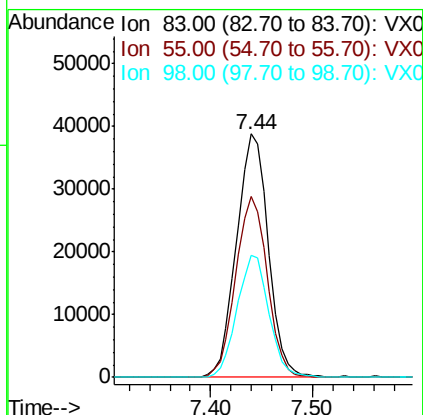
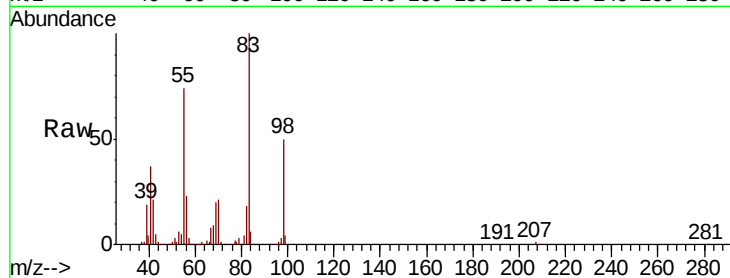




#39
Methvlcvclohexane
Concen: 15.598 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

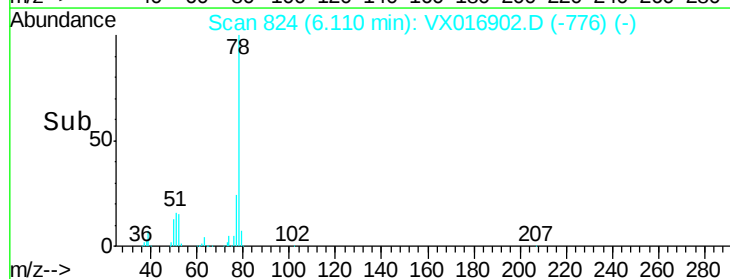
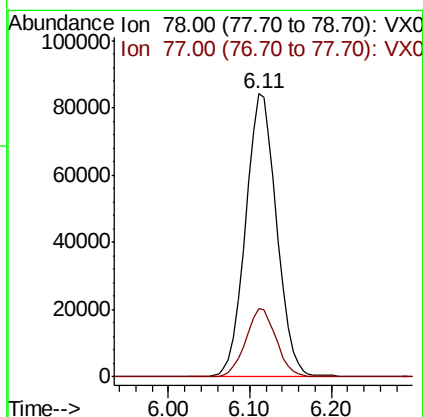
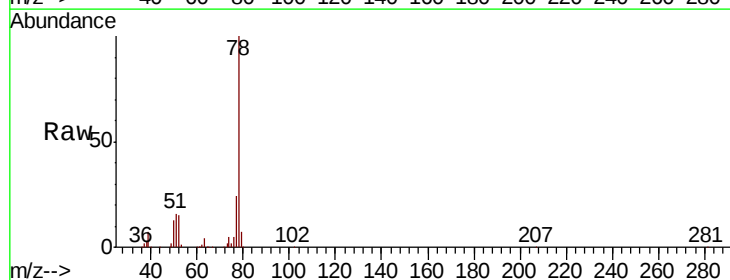
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

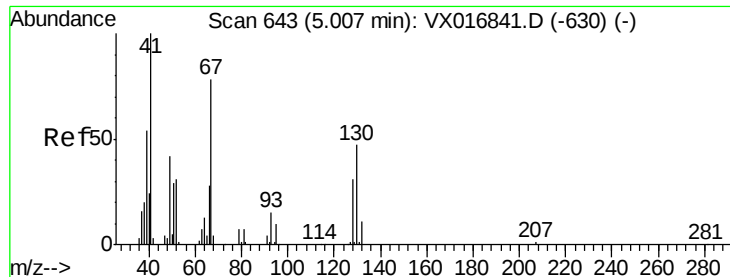
Tot Ion: 83 Resp: 84429
Ion Ratio Lower Upper
83 100
55 74.4 61.7 92.5
98 49.9 39.0 58.6



#40
Benzene
Concen: 15.975 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 78 Resp: 223146
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8





#41

Methacrylonitrile

Concen: 19.675 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion: 41 Resp: 43934

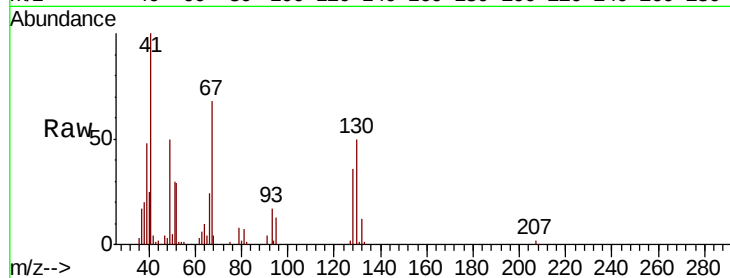
Ion Ratio Lower Upper

41 100

39 52.7 42.6 64.0

67 74.7 64.2 96.2

52 30.6 25.6 38.4

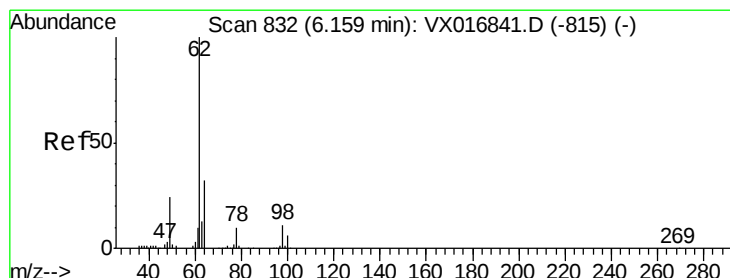
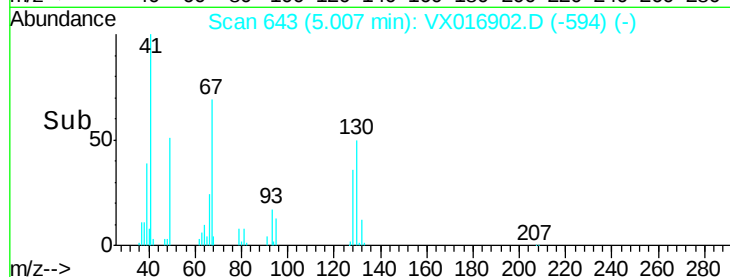
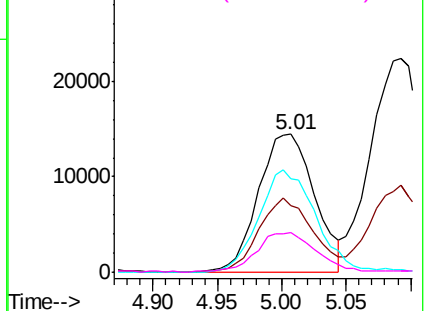


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 15.540 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX016902.D

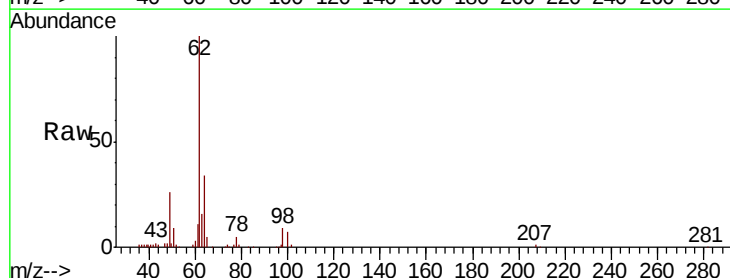
Acq: 20 Jun 2020 02:51

Tgt Ion: 62 Resp: 77240

Ion Ratio Lower Upper

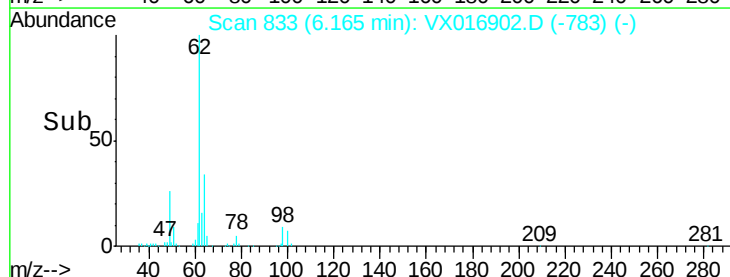
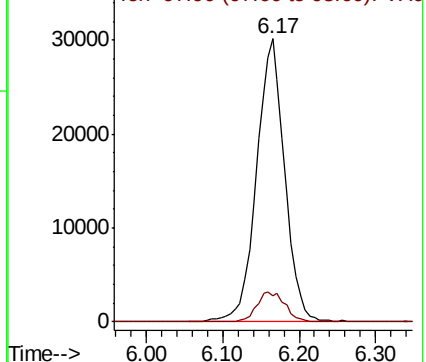
62 100

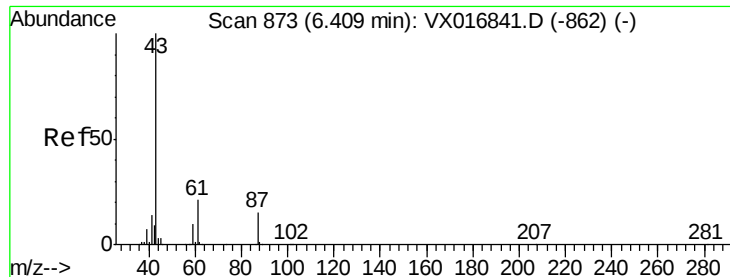
98 10.7 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



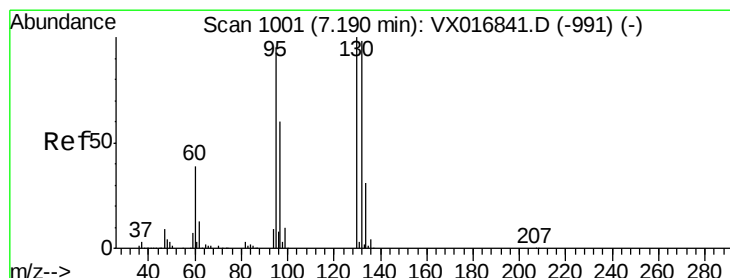
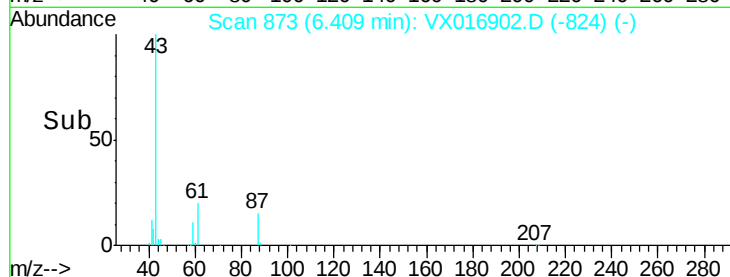
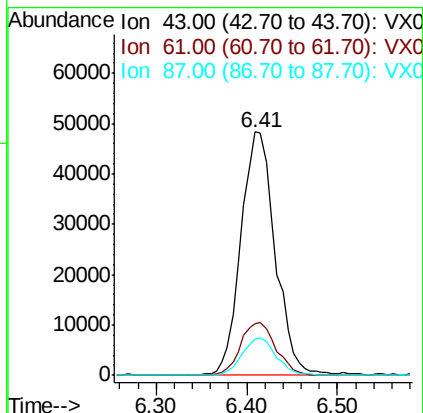
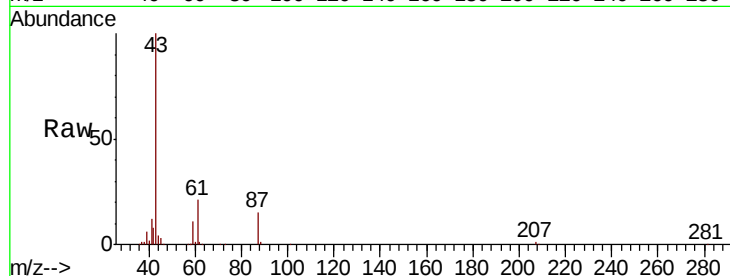


#43

Isopropyl Acetate
 Concen: 17.524 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

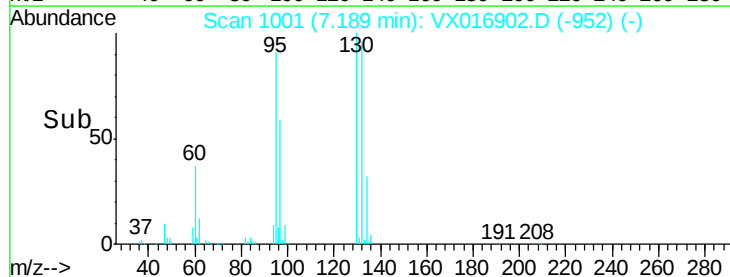
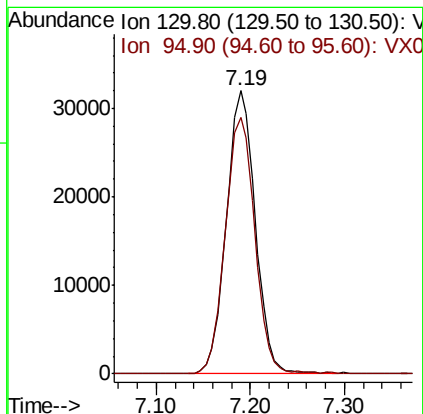
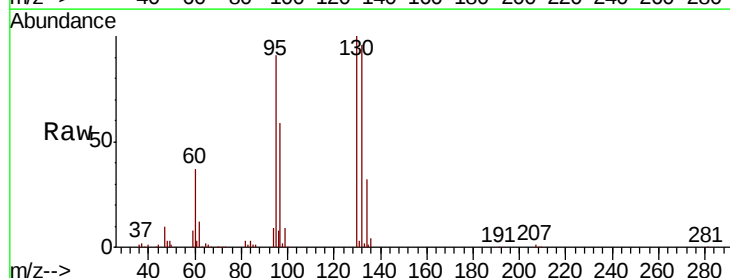
Tot Ion: 43 Resp: 125866
 Ion Ratio Lower Upper
 43 100
 61 22.6 17.9 26.9
 87 15.3 12.4 18.6

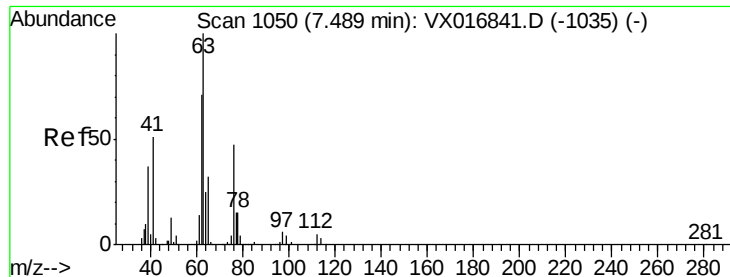


#44

Trichloroethene
 Concen: 15.962 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Tgt Ion:130 Resp: 68281
 Ion Ratio Lower Upper
 130 100
 95 90.7 0.0 190.8





#45

1,2-Dichloropropane

Concen: 16.689 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

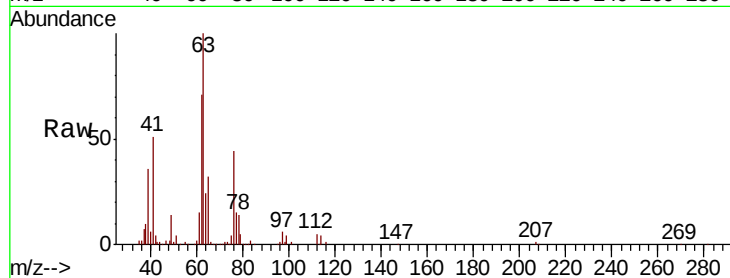
VX0619WBSD02

Tot Ion: 63 Resp: 58603

Ion Ratio Lower Upper

63 100

65 31.7 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

30000

25000

20000

15000

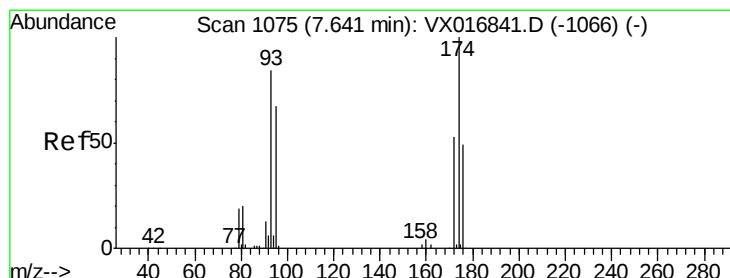
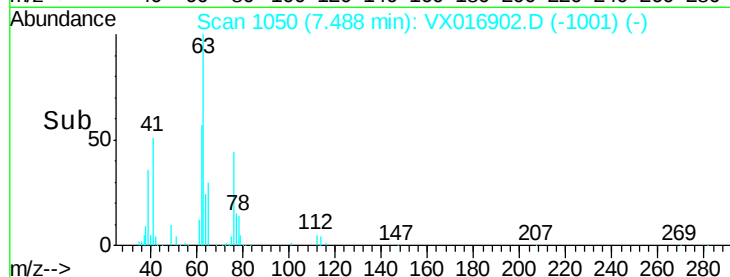
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 18.175 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

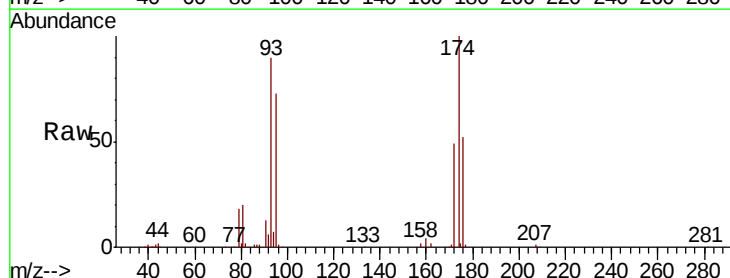
Tgt Ion: 93 Resp: 43280

Ion Ratio Lower Upper

93 100

95 82.9 65.7 98.5

174 116.6 92.8 139.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.64

30000

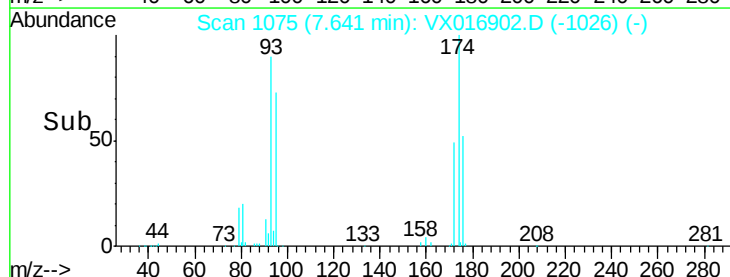
20000

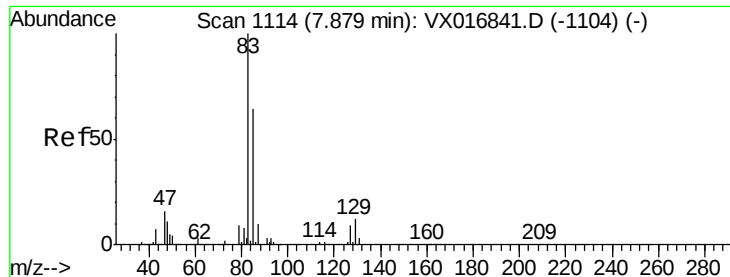
10000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 16.232 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

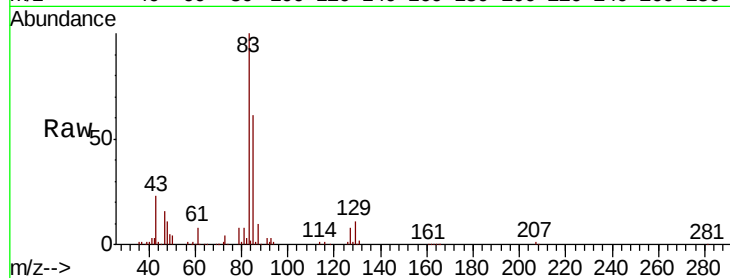
Tot Ion: 83 Resp: 82208

Ion Ratio Lower Upper

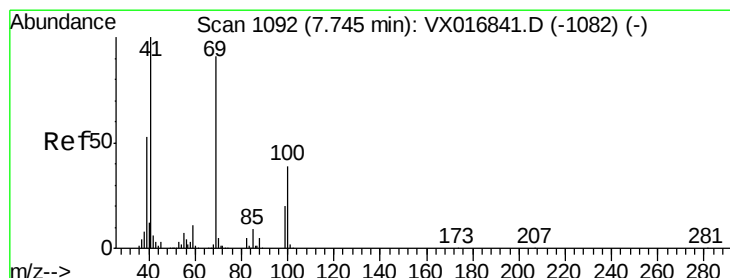
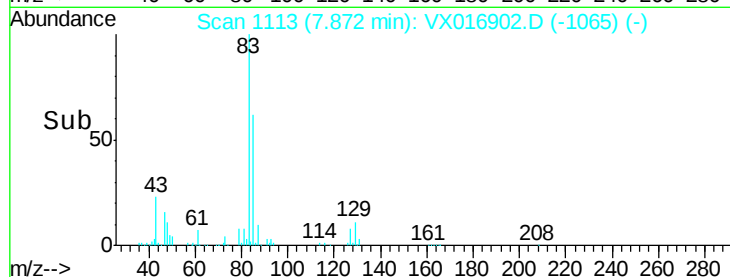
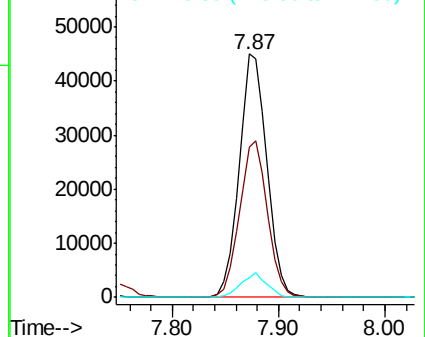
83 100

85 61.4 50.9 76.3

127 8.1 7.4 11.0



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: 17.024 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

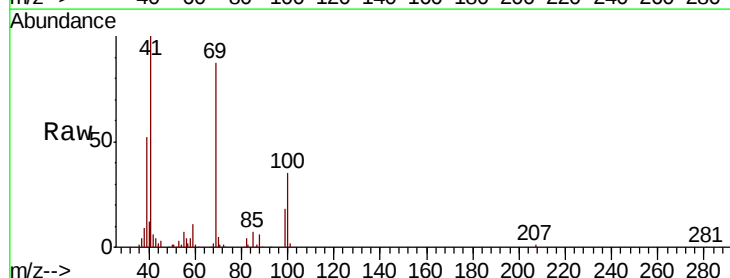
Tgt Ion: 41 Resp: 57580

Ion Ratio Lower Upper

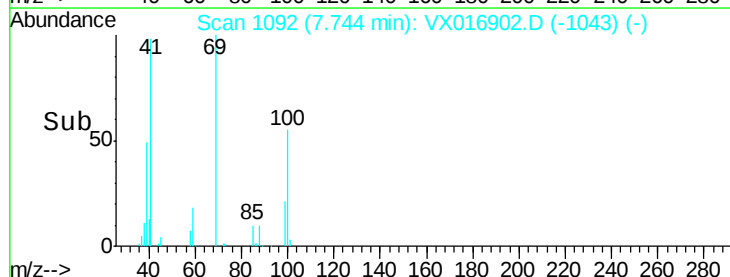
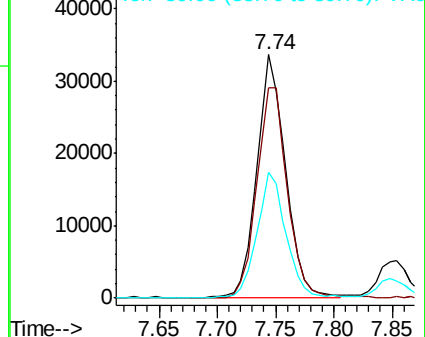
41 100

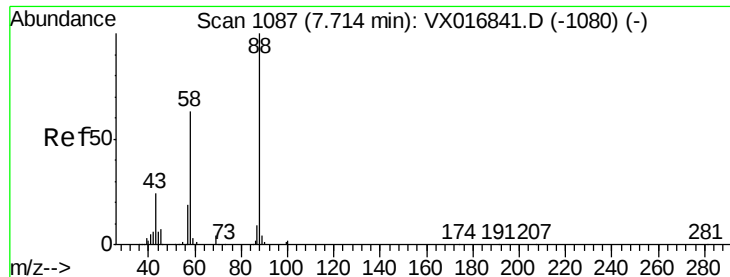
69 92.6 73.3 109.9

39 52.2 42.4 63.6



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

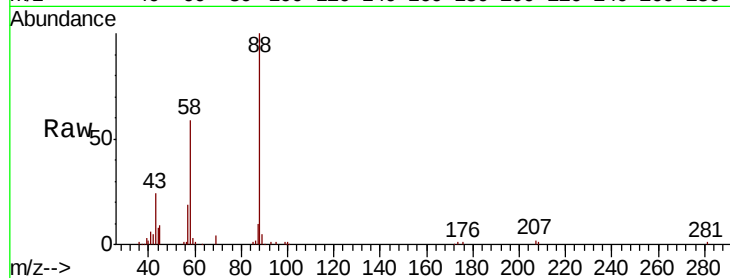




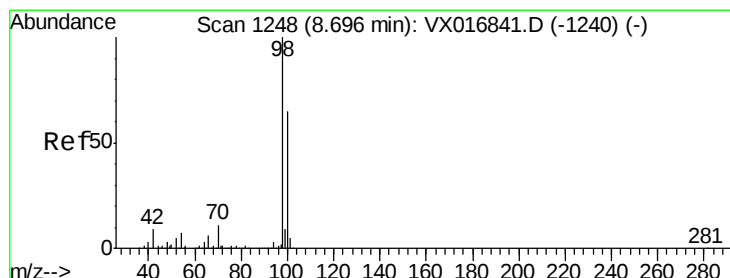
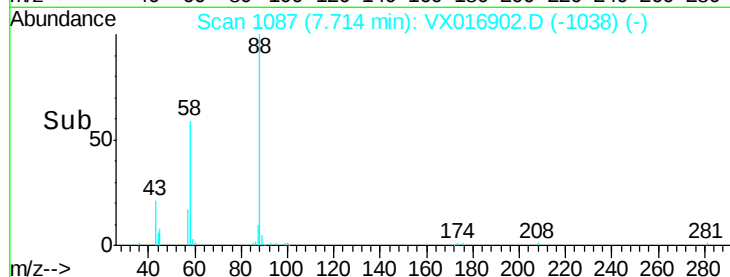
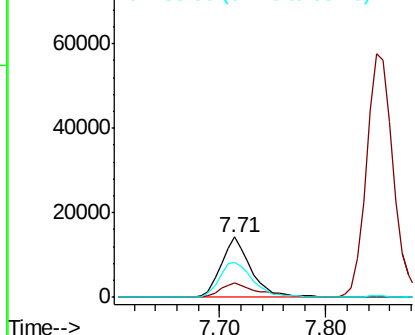
#49
1,4-Dioxane
Concen: 366.921 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion: 88 Resp: 27780
Ion Ratio Lower Upper
88 100
43 29.3 22.7 34.1
58 66.6 53.1 79.7

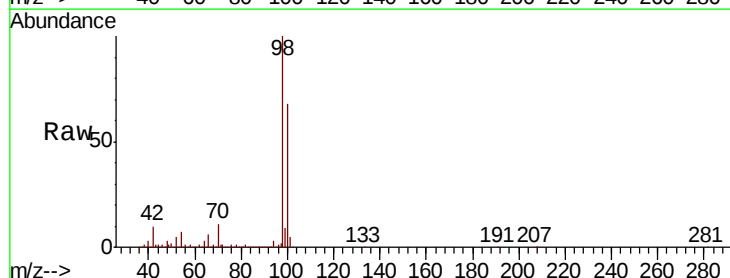


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

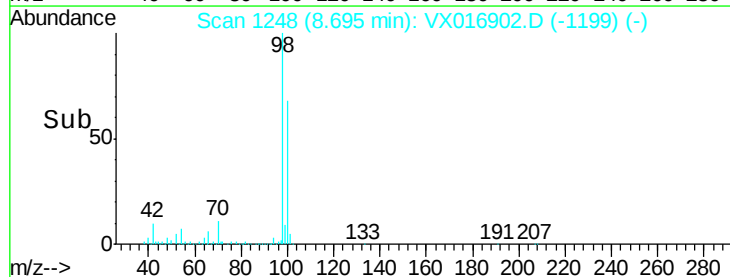
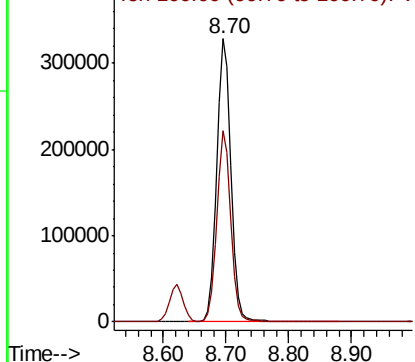


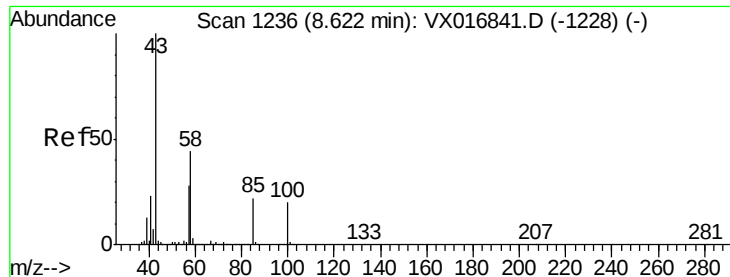
#50
Toluene-d8
Concen: 39.834 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 98 Resp: 513990
Ion Ratio Lower Upper
98 100
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

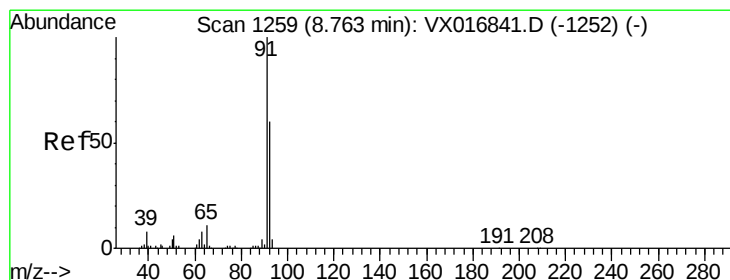
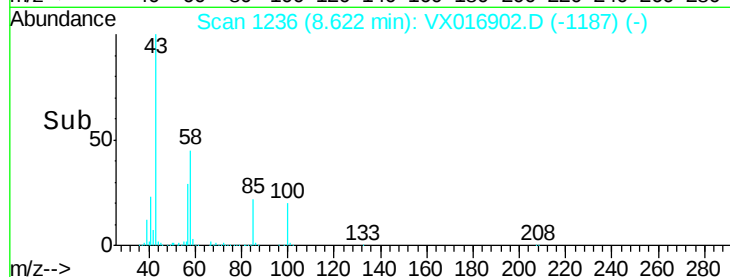
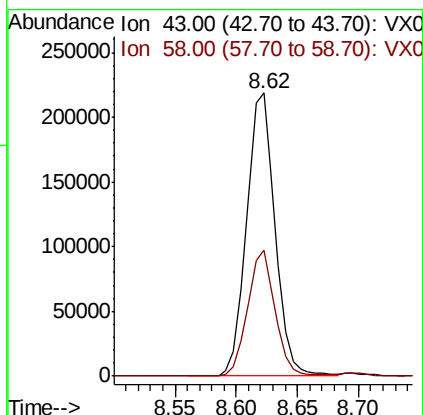
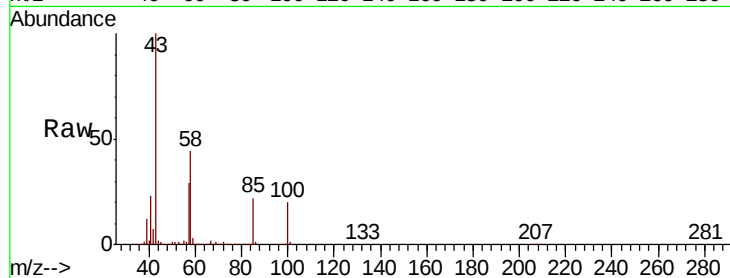




#51
4-Methyl-2-Pentanone
Concen: 82.082 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

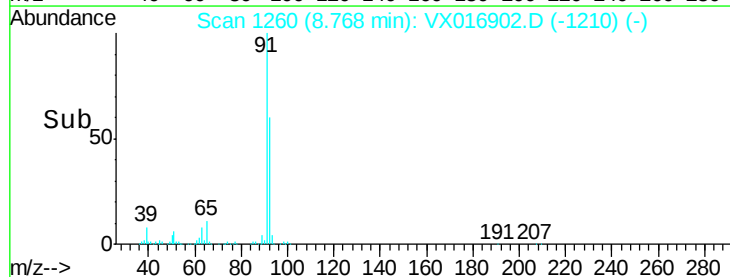
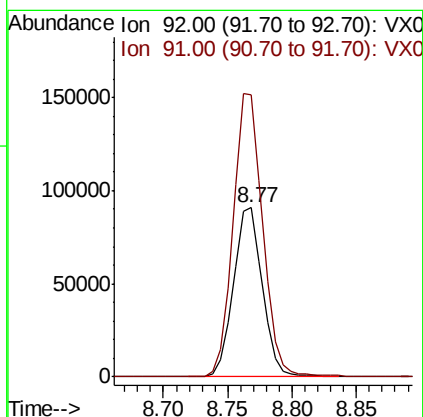
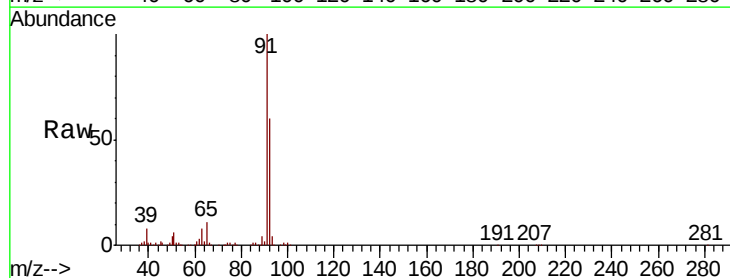
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

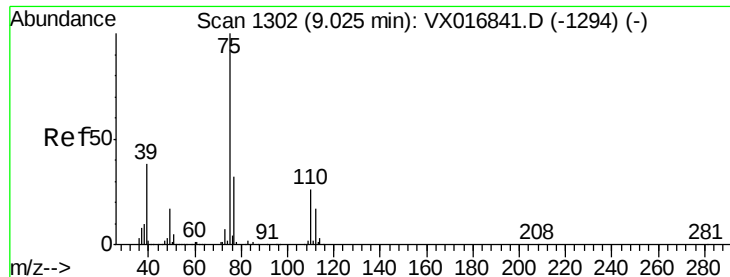
Tot Ion: 43 Resp: 354598
Ion Ratio Lower Upper
43 100
58 42.9 34.3 51.5



#52
Toluene
Concen: 15.384 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 92 Resp: 142555
Ion Ratio Lower Upper
92 100
91 171.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 15.375 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

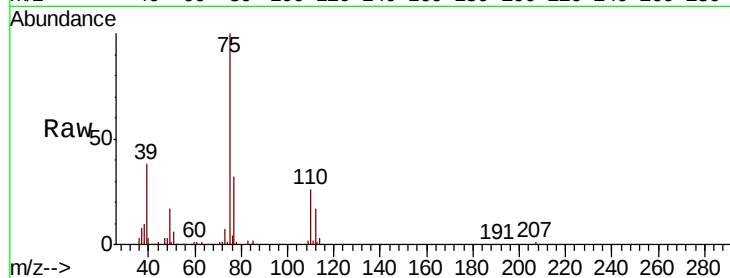
VX0619WBSD02

Tot Ion: 75 Resp: 85607

Ion Ratio Lower Upper

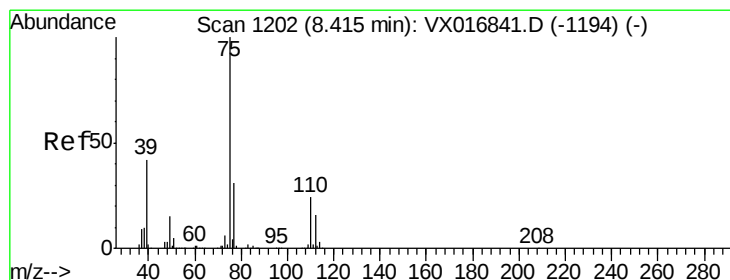
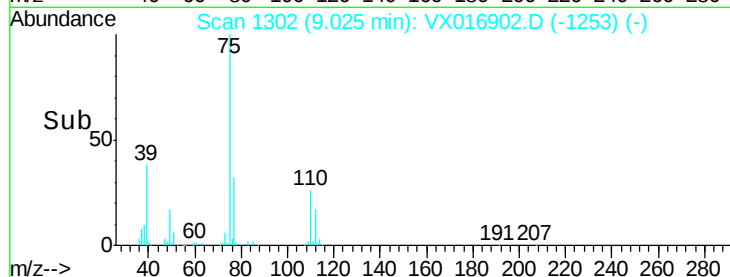
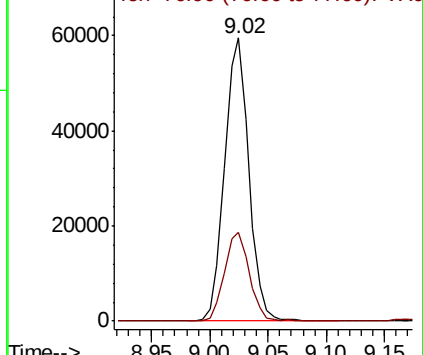
75 100

77 31.6 25.3 37.9



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: 16.357 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

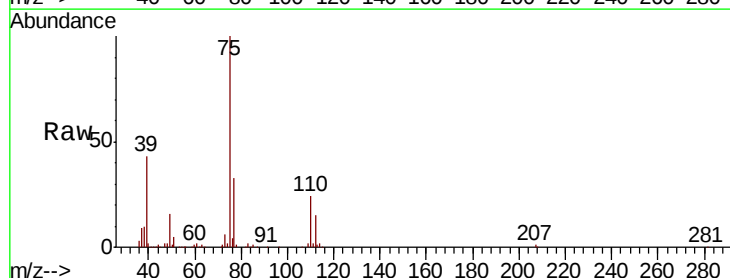
Tgt Ion: 75 Resp: 97429

Ion Ratio Lower Upper

75 100

77 32.6 24.9 37.3

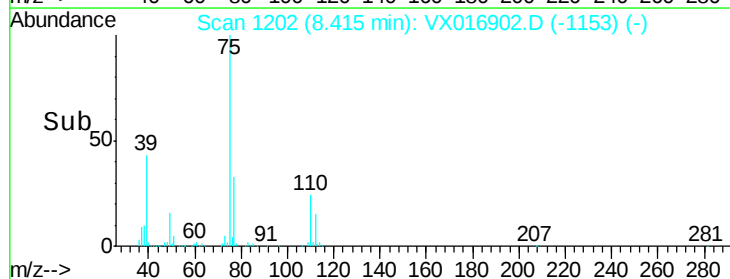
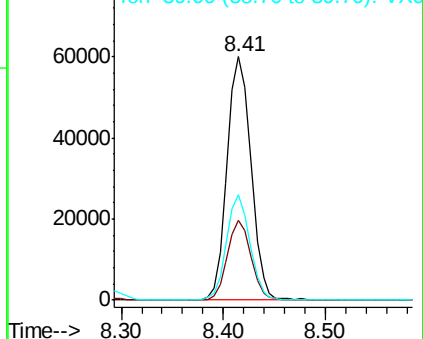
39 43.0 33.4 50.0

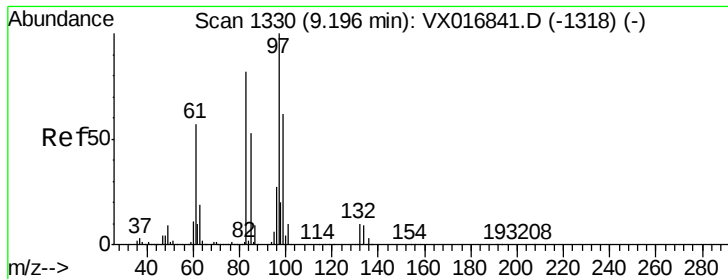


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

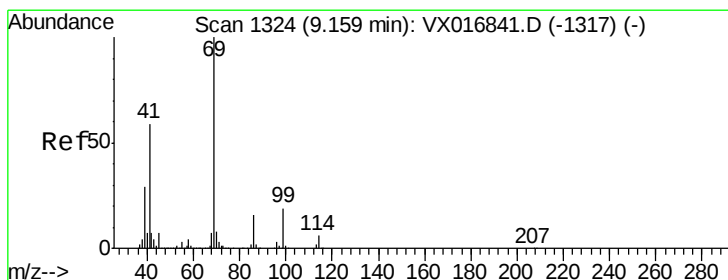
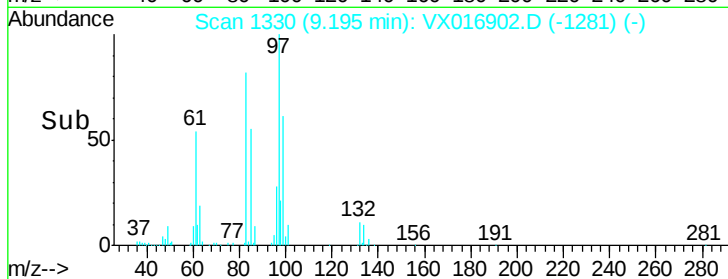
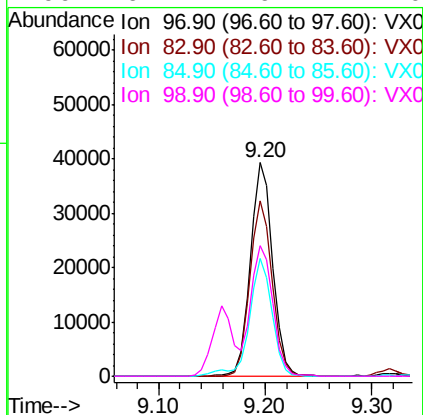
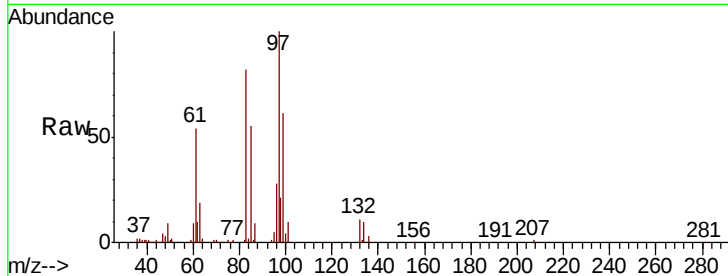




#55
 1,1,2-Trichloroethane
 Concen: 16.503 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

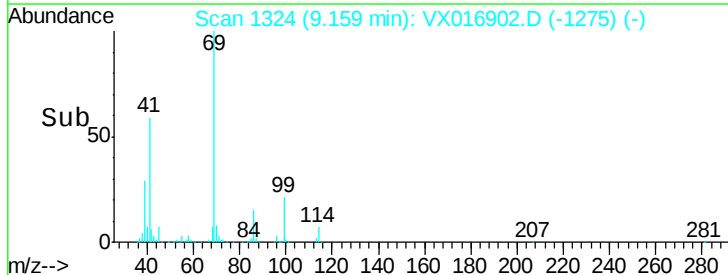
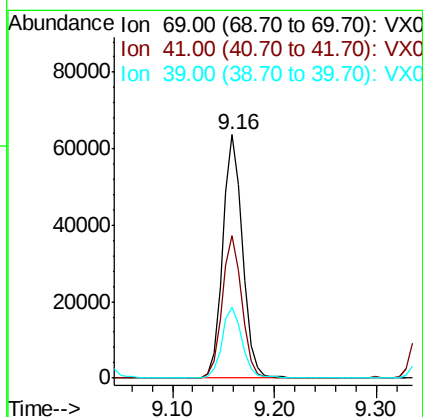
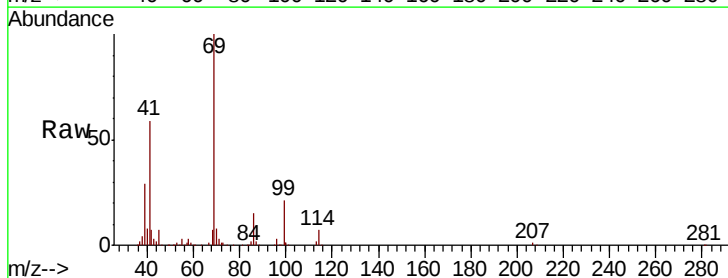
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

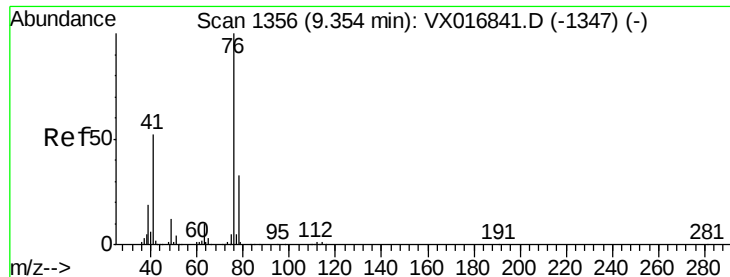
Tot Ion:	97	Resp:	57736
Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.5	98.3
85	55.0	42.6	63.8
99	61.4	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 16.944 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Tgt Ion:	69	Resp:	85817
Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.9	71.9
39	30.2	24.2	36.4





#57

1,3-Dichloropropane

Concen: 20.442 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

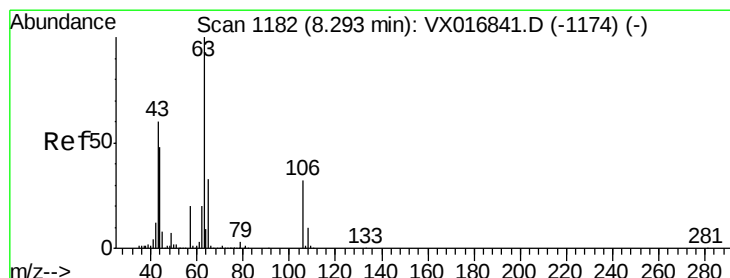
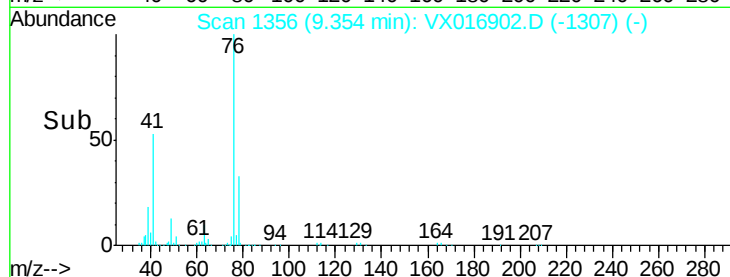
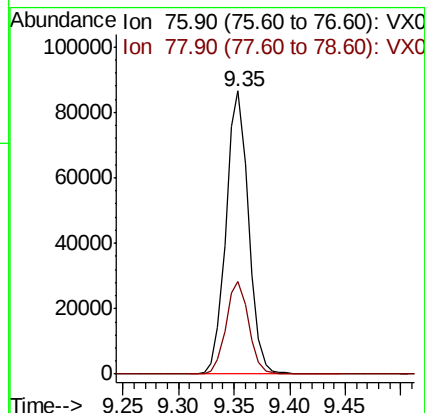
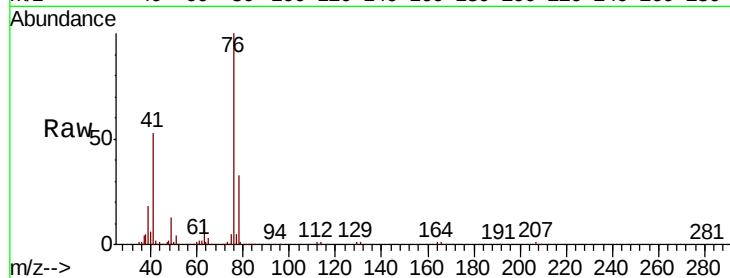
VX0619WBSD02

Tot Ion: 76 Resp: 121239

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 92.312 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016902.D

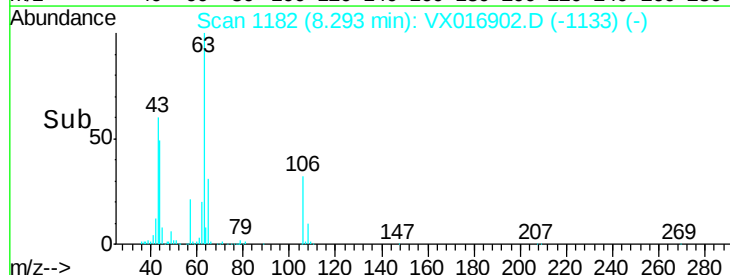
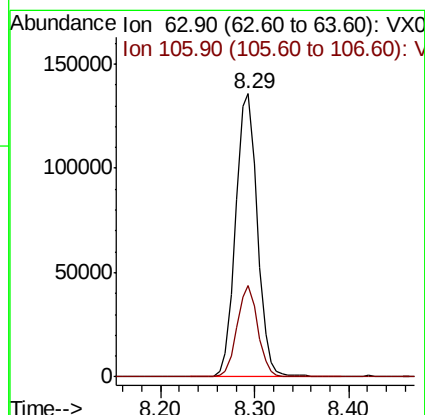
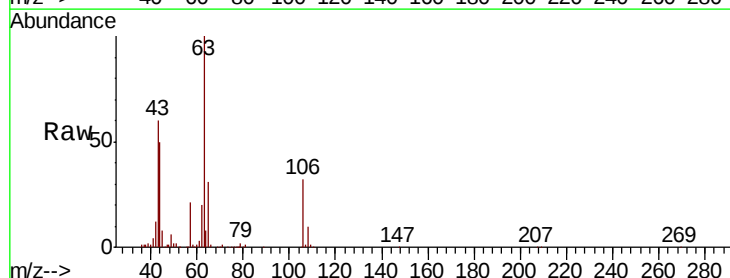
Acq: 20 Jun 2020 02:51

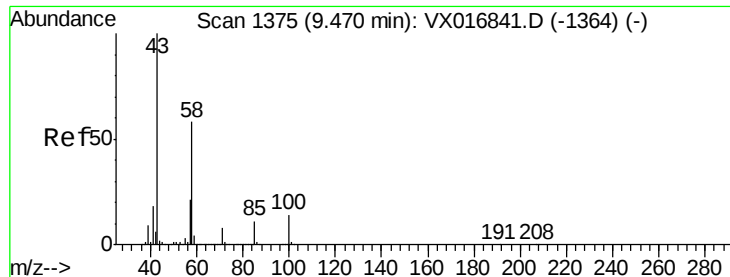
Tgt Ion: 63 Resp: 217547

Ion Ratio Lower Upper

63 100

106 31.2 25.8 38.6

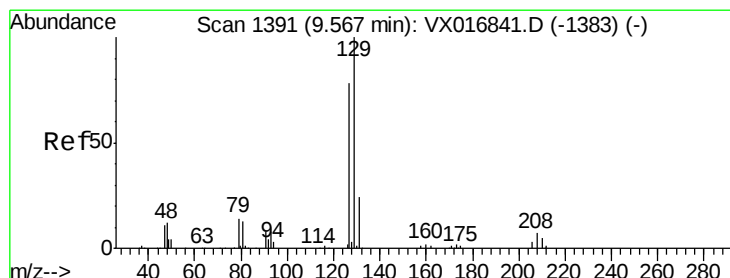
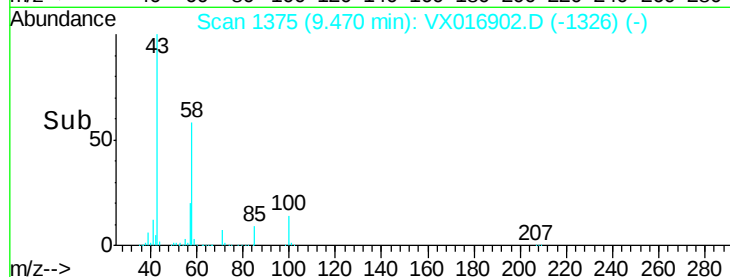
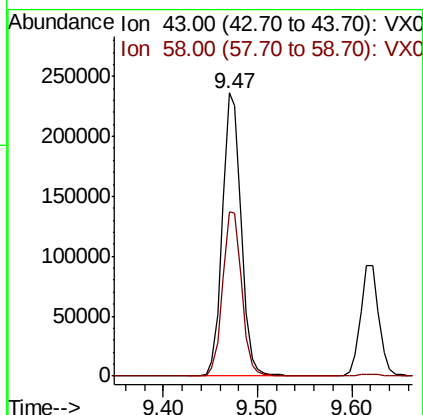
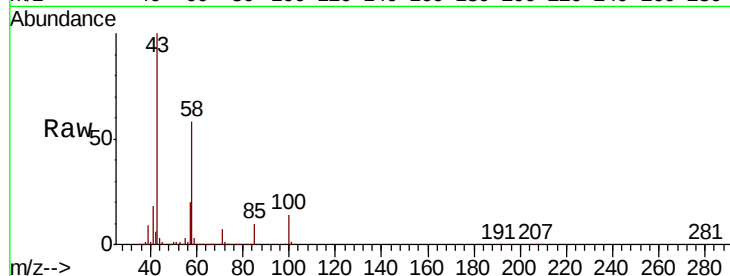




#59
2-Hexanone
Concen: 103.784 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

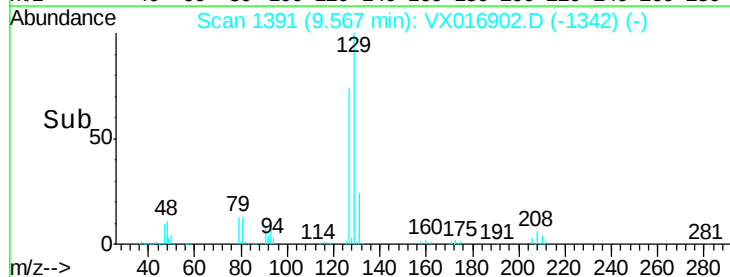
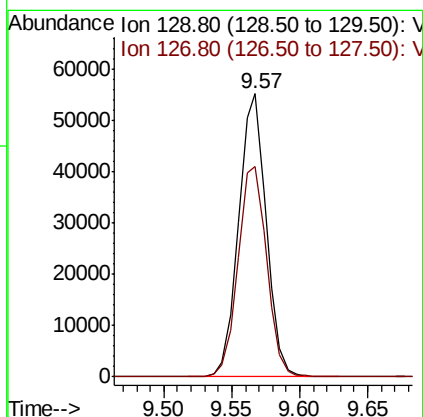
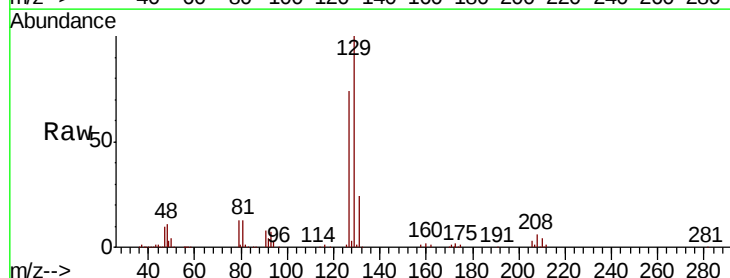
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion: 43 Resp: 324681
Ion Ratio Lower Upper
43 100
58 59.1 29.8 89.4



#60
Dibromochloromethane
Concen: 18.592 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 129 Resp: 78030
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

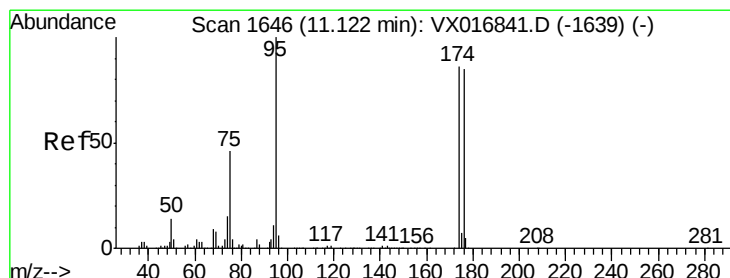
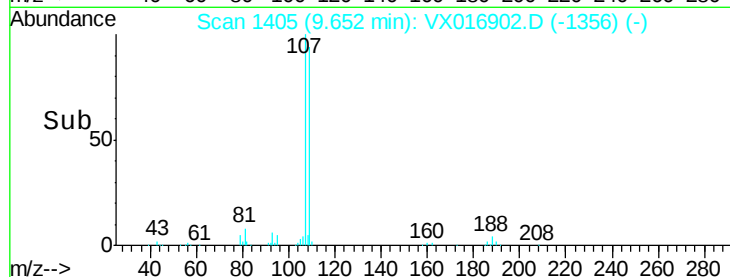
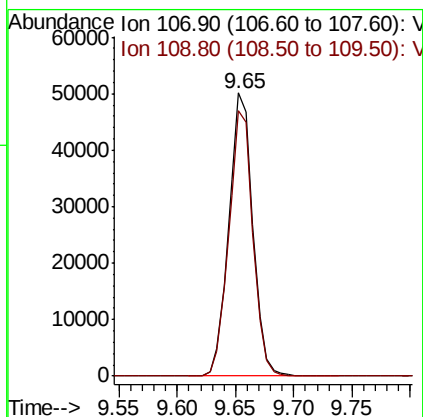
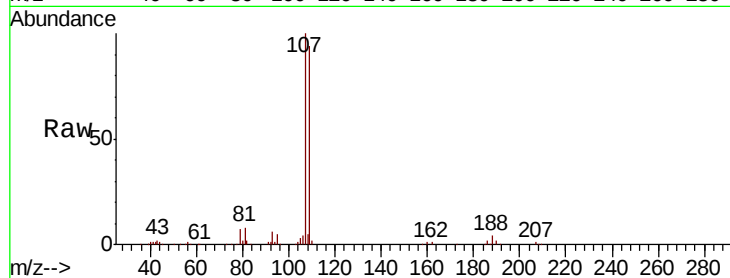




#61
 1,2-Dibromoethane
 Concen: 18.880 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

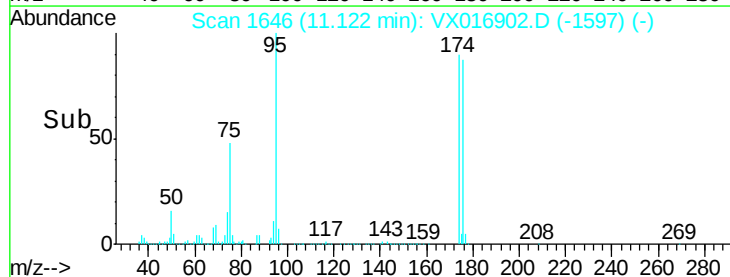
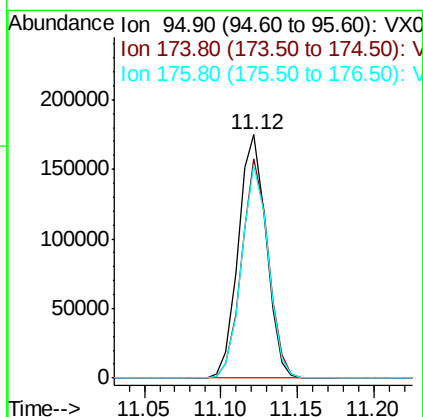
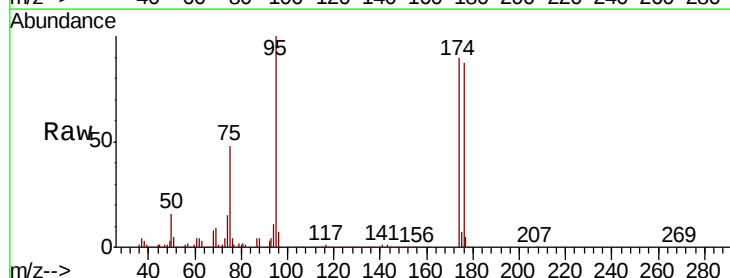
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

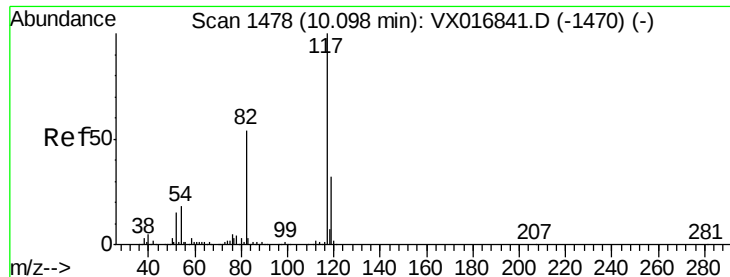
Tot Ion:107 Resp: 71681
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 44.749 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Tgt Ion: 95 Resp: 221232
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 174.2
 176 84.1 0.0 170.0

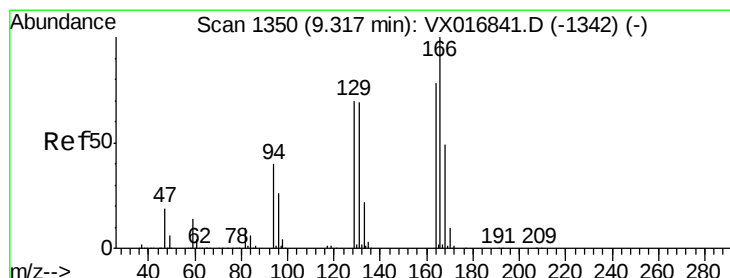
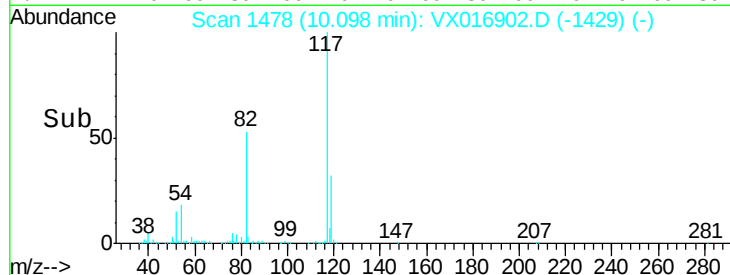
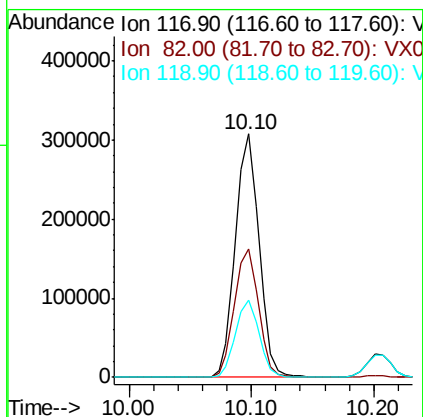
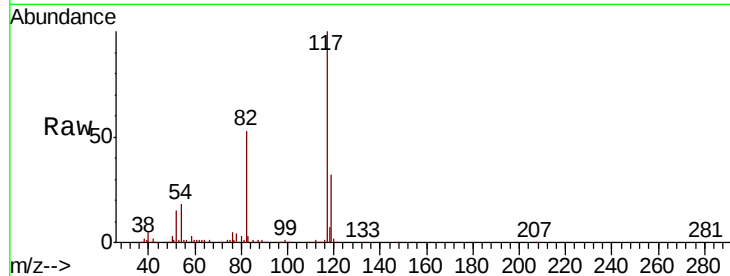




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

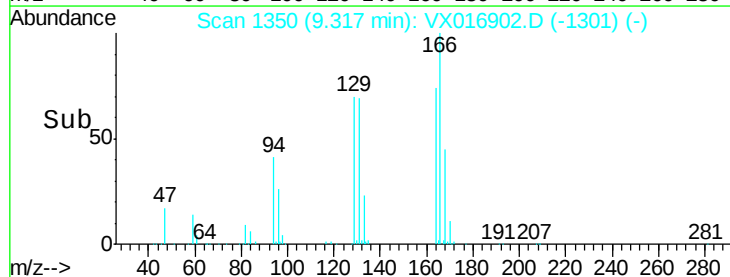
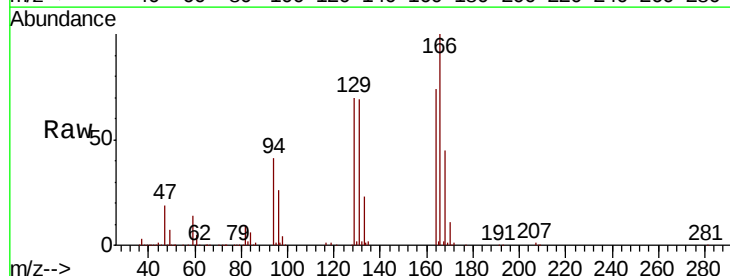
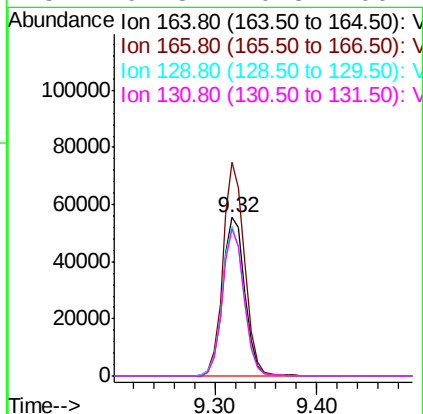
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

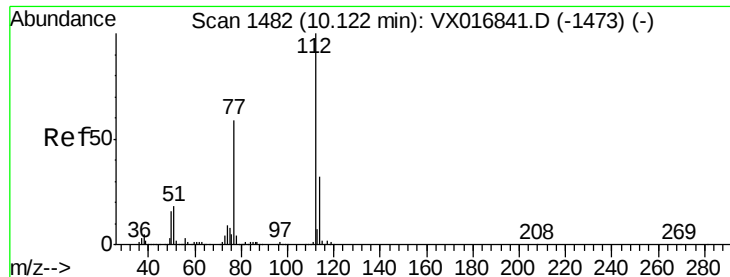
Tot Ion:117 Resp: 410891
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 21.956 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion:164 Resp: 83542
Ion Ratio Lower Upper
164 100
166 134.9 102.6 153.8
129 94.9 72.2 108.2
131 92.8 70.8 106.2





#65

Chlorobenzene

Concen: 20.319 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

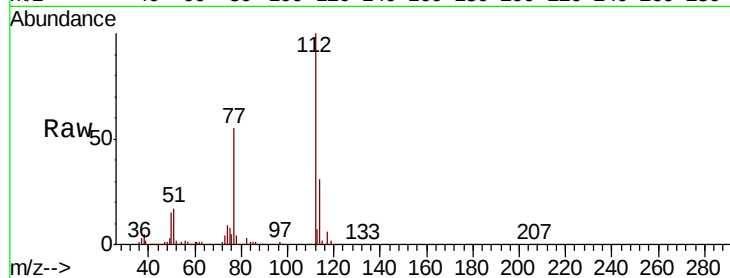
VX0619WBSD02

Tot Ion:112 Resp: 169062

Ion Ratio Lower Upper

112 100

114 31.2 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

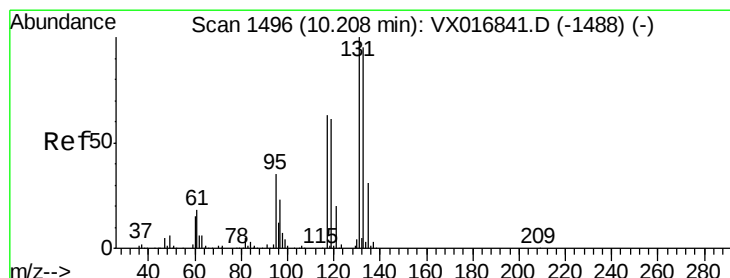
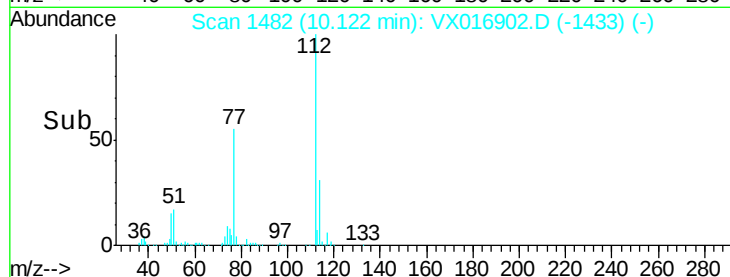
150000

100000

50000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 19.911 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

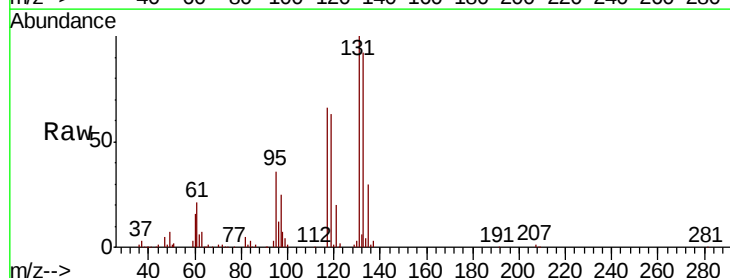
Tgt Ion:131 Resp: 64206

Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

119 63.9 30.8 92.4



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

10.20

60000

50000

40000

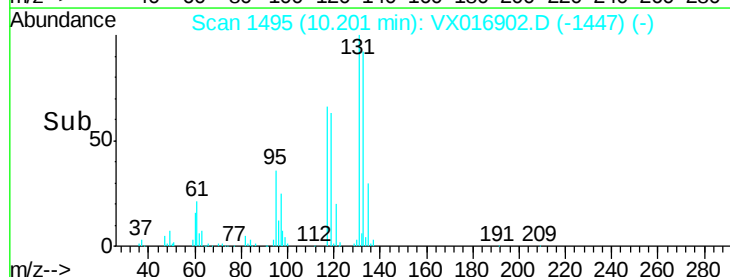
30000

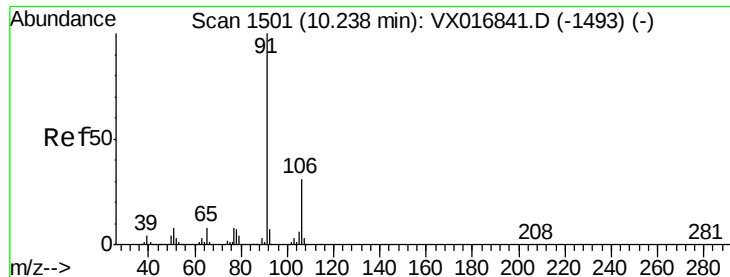
20000

10000

0

Time--> 10.15 10.20 10.25

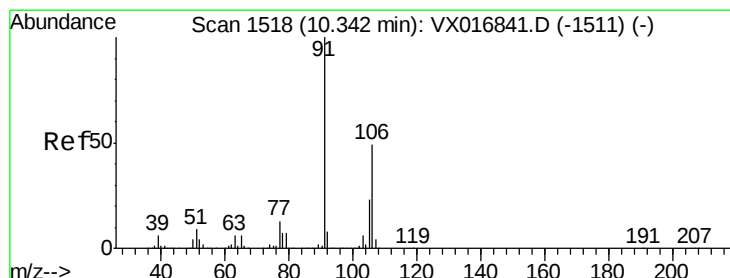
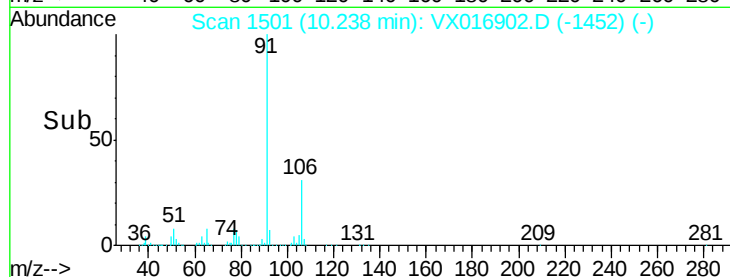
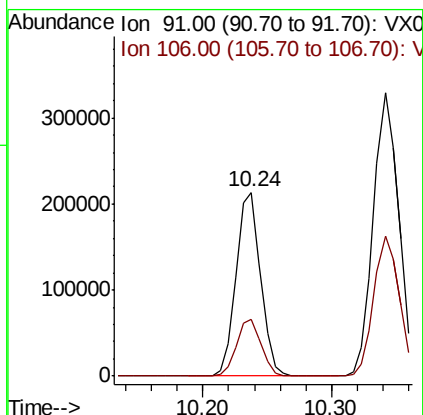
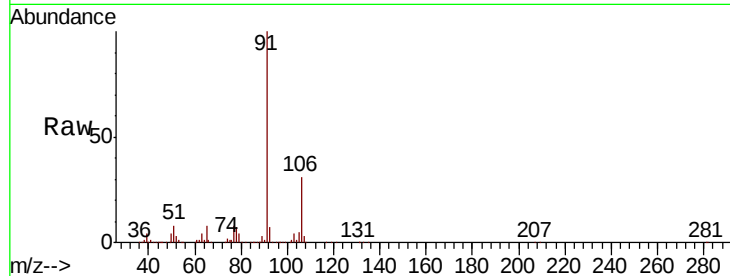




#67
Ethyl Benzene
Concen: 20.183 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

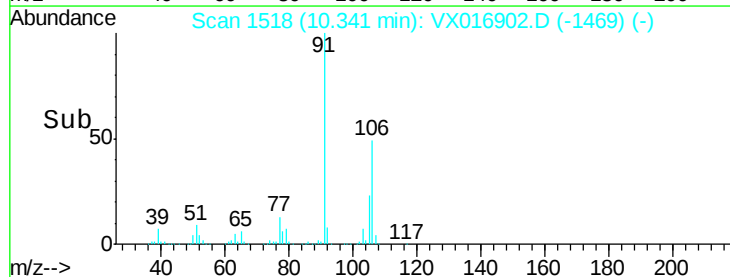
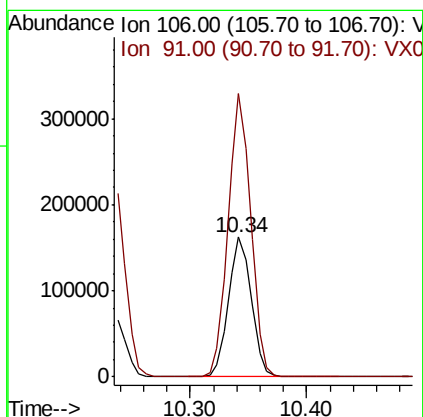
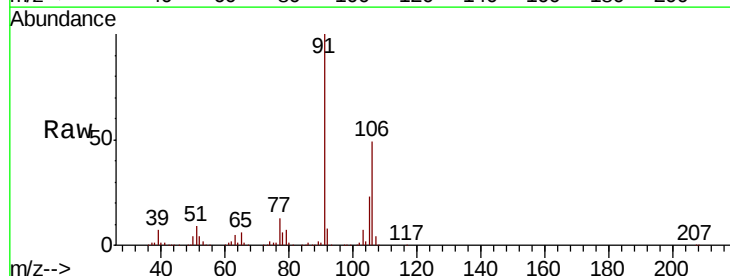
Instrument :
MSVOA_X
ClientSampled :
VX0619WBSD02

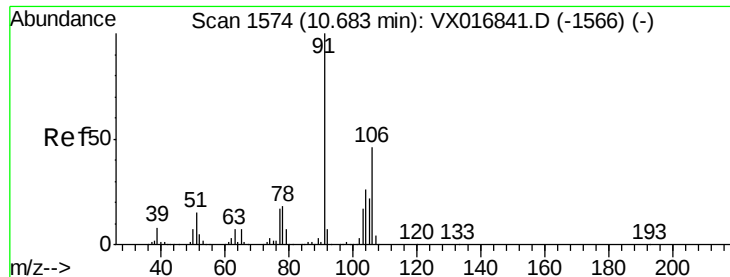
Tot Ion: 91 Resp: 283343
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 40.681 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 106 Resp: 222236
Ion Ratio Lower Upper
106 100
91 200.7 161.5 242.3

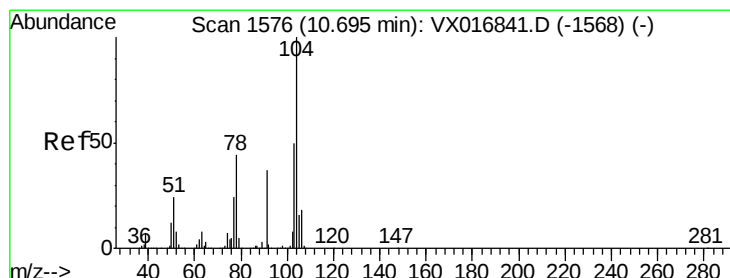
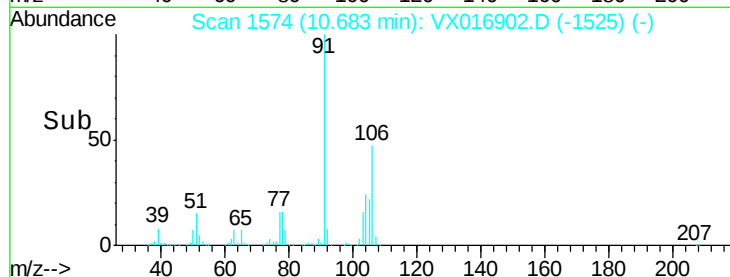
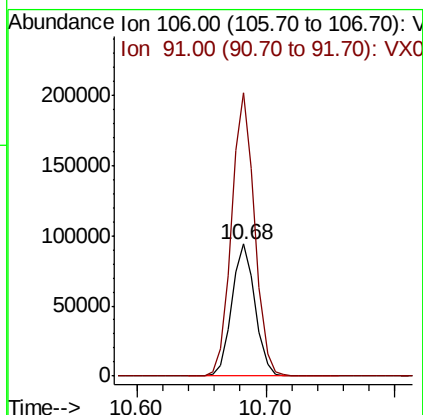
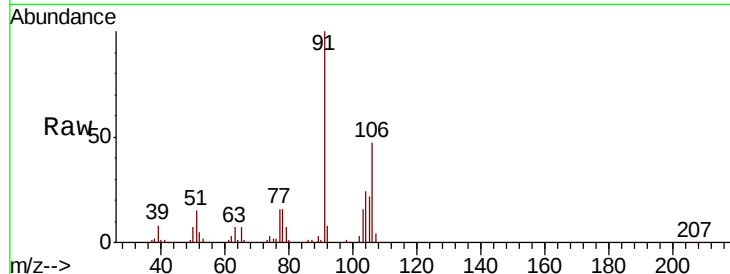




#69
o-Xylene
Concen: 23.466 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

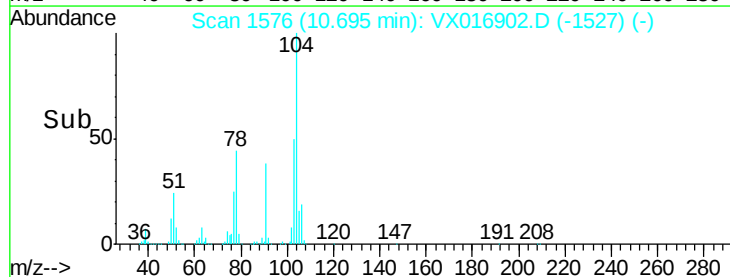
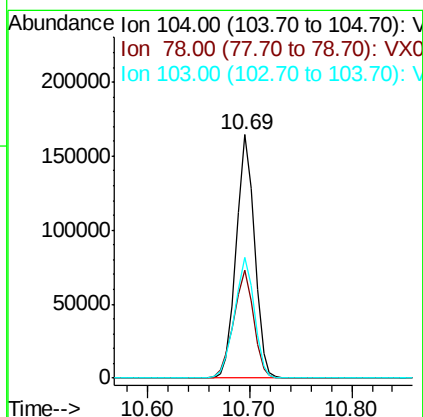
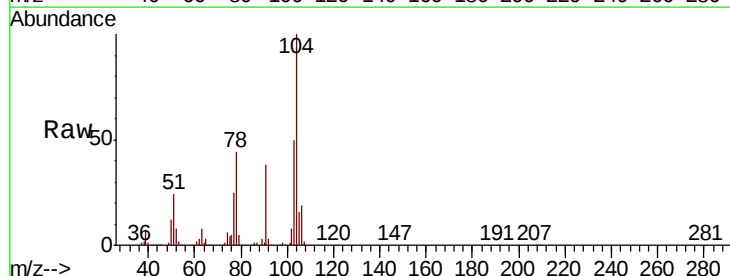
Instrument :
MSVOA_X
ClientSampled :
VX0619WBSD02

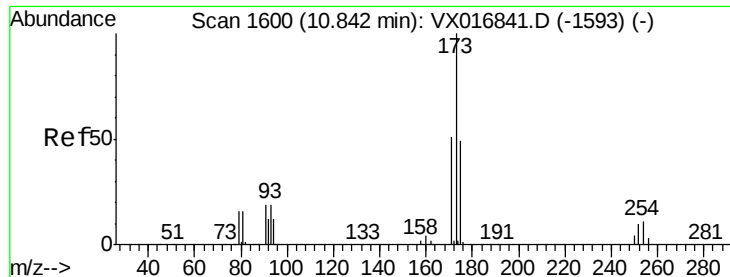
Tot Ion:106 Resp: 118532
Ion Ratio Lower Upper
106 100
91 212.4 107.9 323.7



#70
Styrene
Concen: 23.648 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion:104 Resp: 202962
Ion Ratio Lower Upper
104 100
78 48.7 39.6 59.4
103 53.8 43.3 64.9

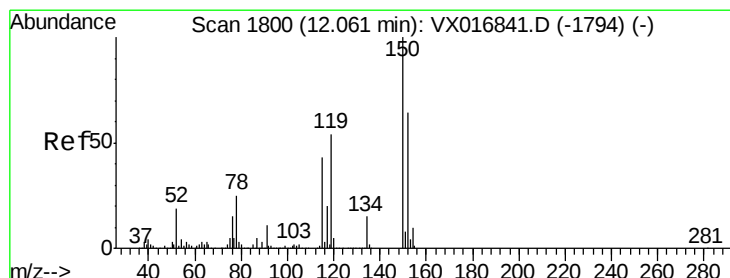
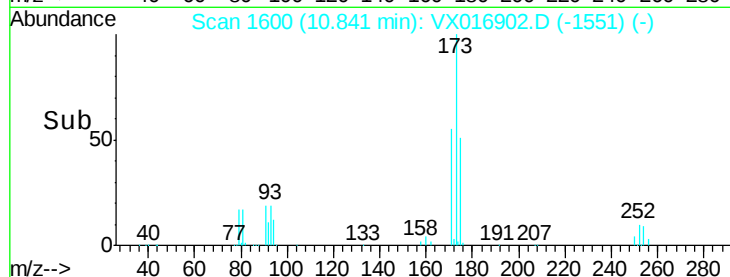
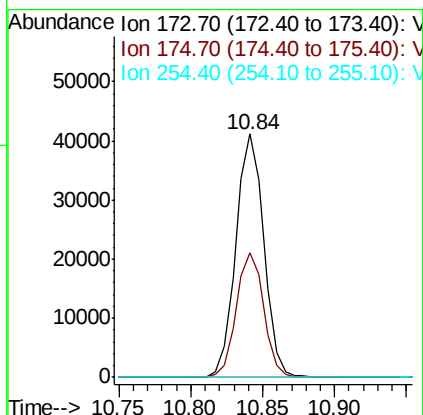
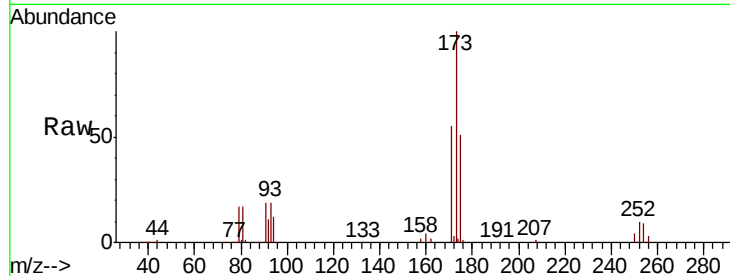




#71
Bromoform
Concen: 20.525 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

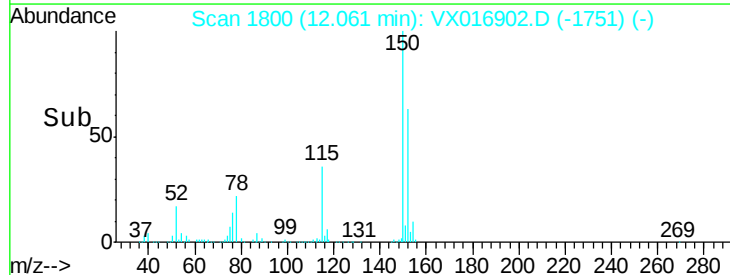
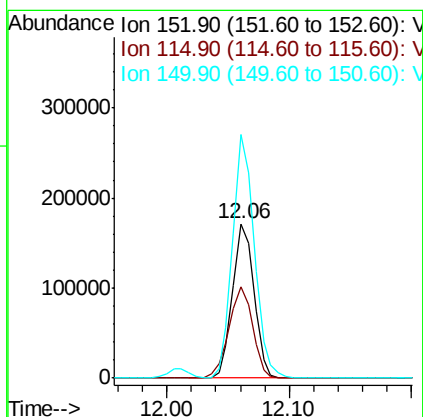
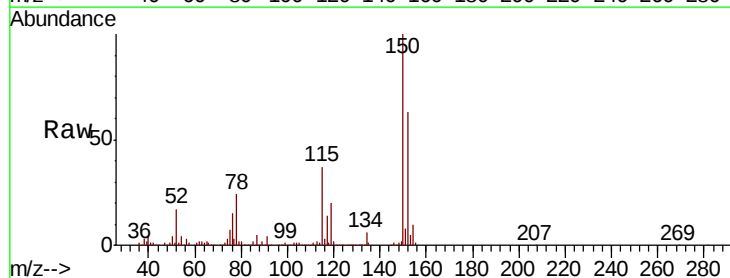
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

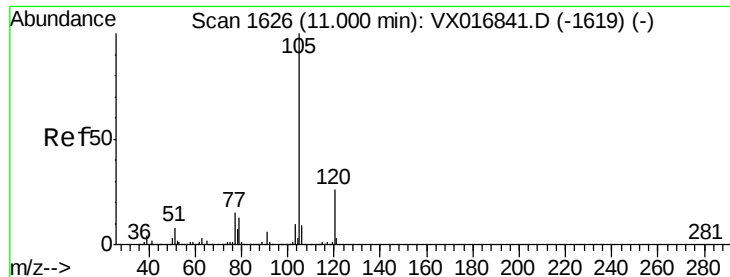
Tot Ion:173 Resp: 55647
Ion Ratio Lower Upper
173 100
175 50.2 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion:152 Resp: 207049
Ion Ratio Lower Upper
152 100
115 65.0 40.9 122.8
150 160.5 0.0 344.2





#73

Isopropylbenzene

Concen: 21.955 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

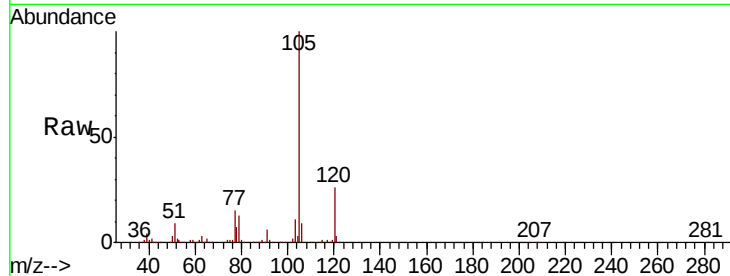
VX0619WBSD02

Tot Ion:105 Resp: 292679

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

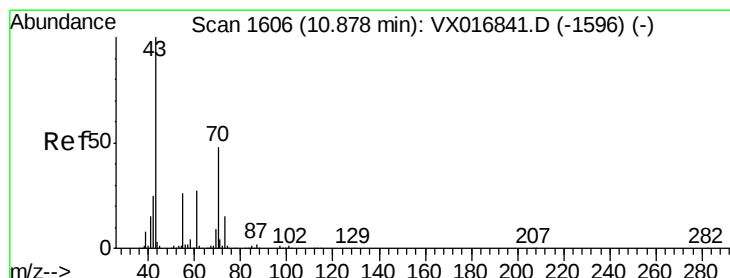
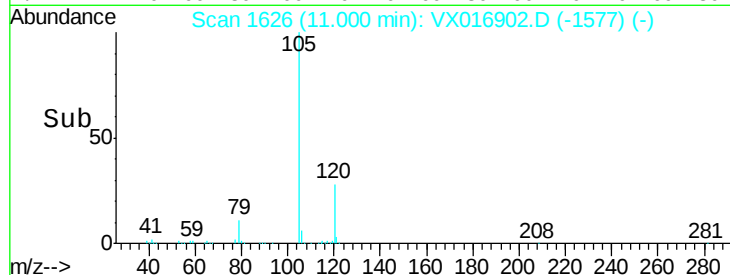
50000

0

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 24.431 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Tgt Ion: 43 Resp: 113726

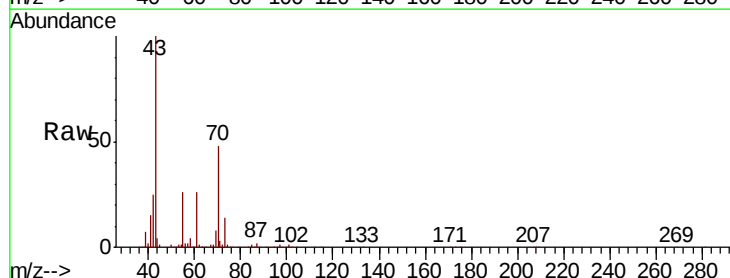
Ion Ratio Lower Upper

43 100

70 48.4 39.9 59.9

55 26.5 21.8 32.6

61 26.8 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

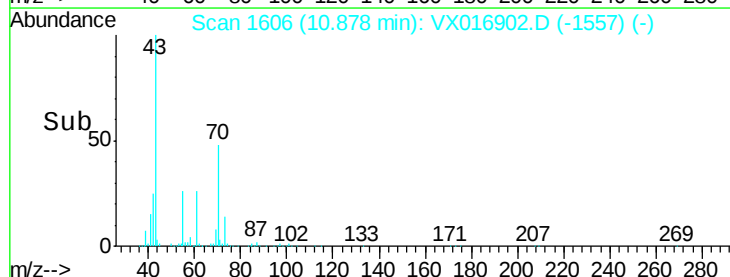
50000

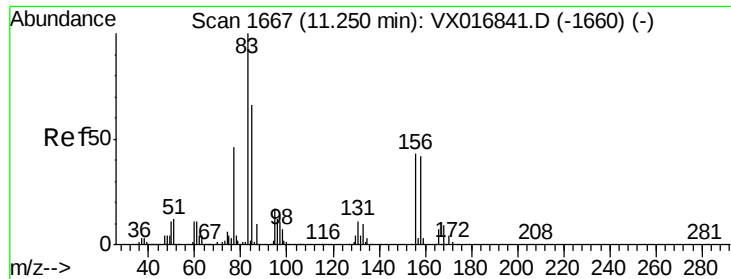
0

10.88

10.80

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.030 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

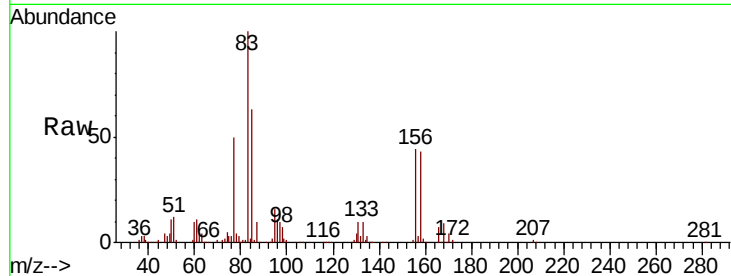
Tot Ion: 83 Resp: 82928

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.1

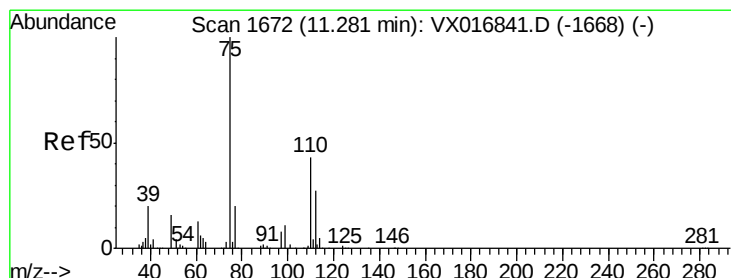
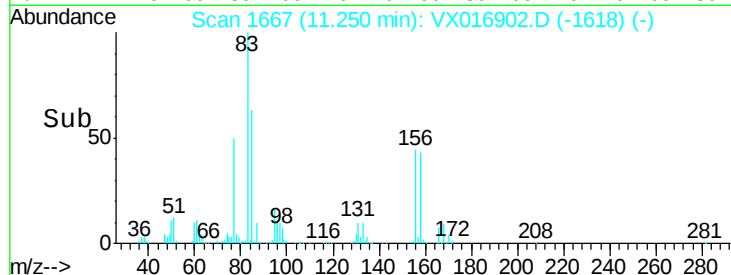
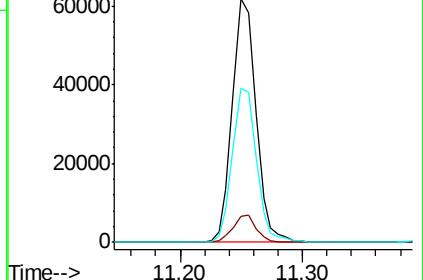
85 64.5 32.6 97.8



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: 26.768 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016902.D

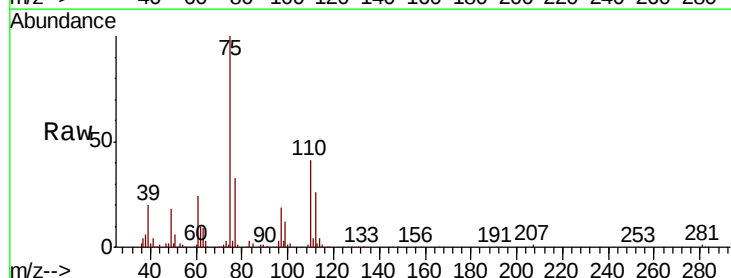
Acq: 20 Jun 2020 02:51

Tgt Ion: 75 Resp: 101221

Ion Ratio Lower Upper

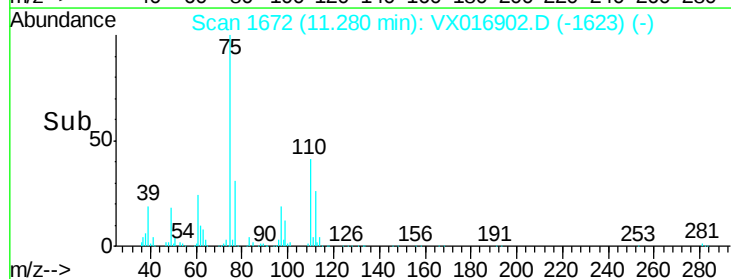
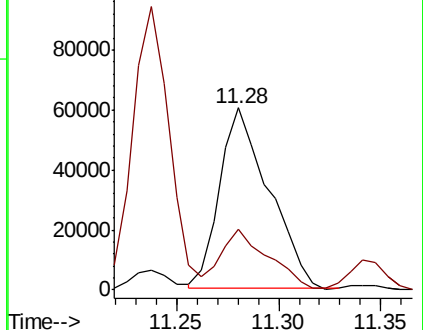
75 100

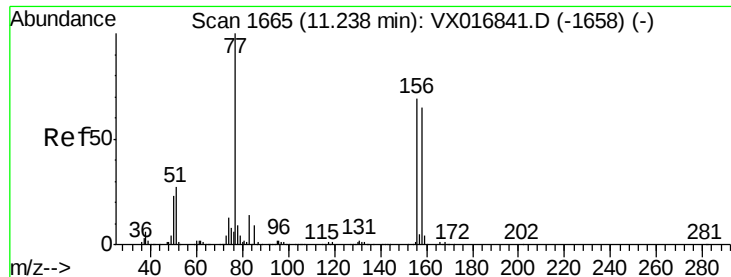
77 32.4 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.975 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

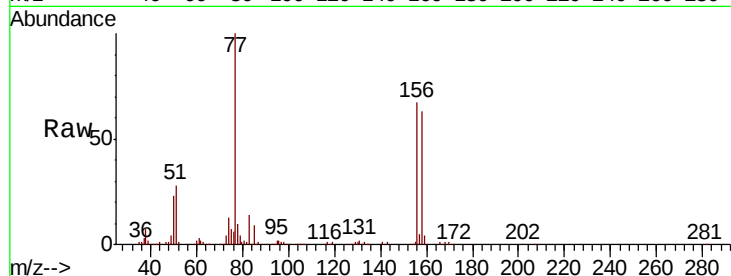
Tot Ion:156 Resp: 79895

Ion Ratio Lower Upper

156 100

77 148.9 73.4 220.2

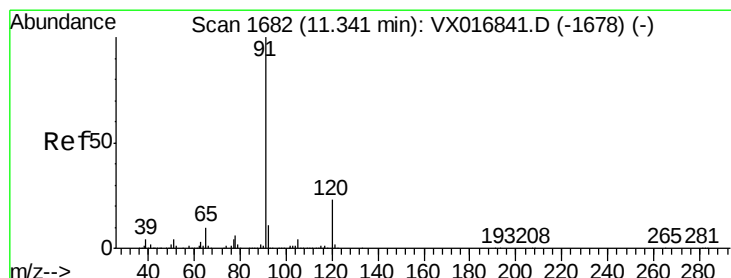
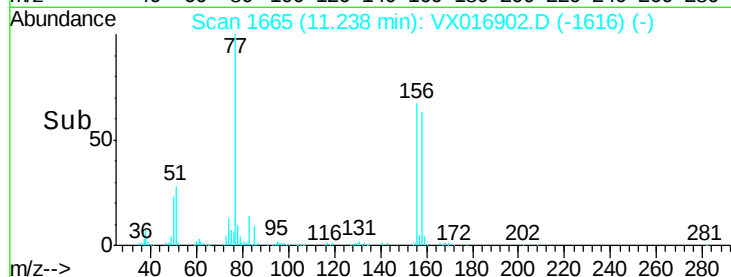
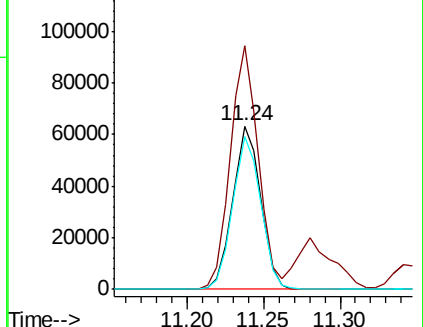
158 94.5 48.8 146.3



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: 20.942 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016902.D

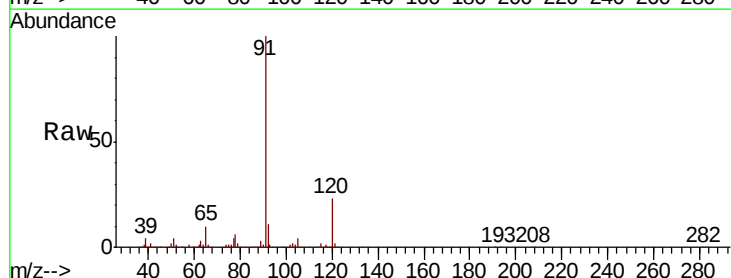
Acq: 20 Jun 2020 02:51

Tgt Ion: 91 Resp: 311561

Ion Ratio Lower Upper

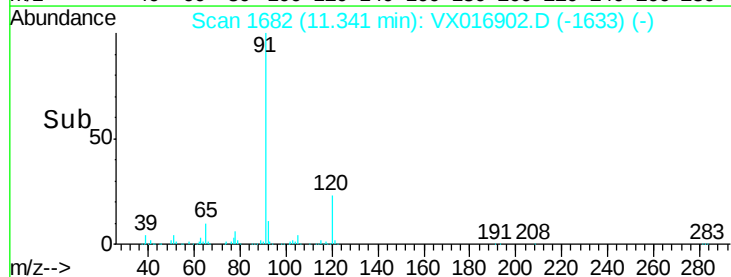
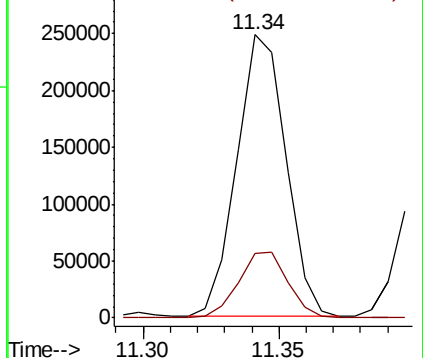
91 100

120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.605 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

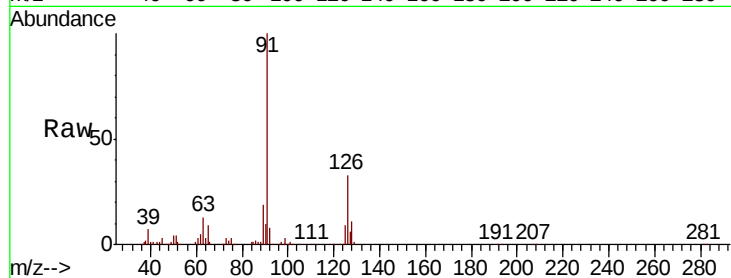
VX0619WBSD02

Tot Ion: 91 Resp: 187561

Ion Ratio Lower Upper

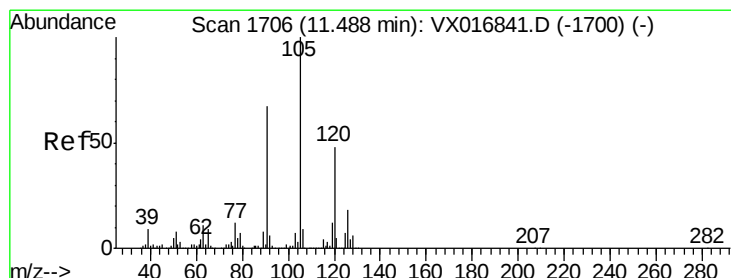
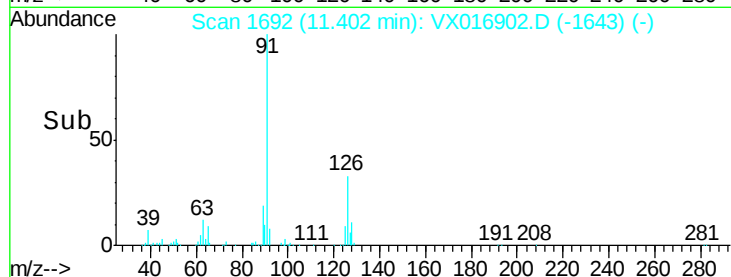
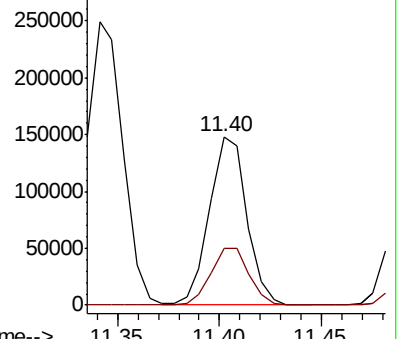
91 100

126 34.6 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX016841.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016841.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.522 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016902.D

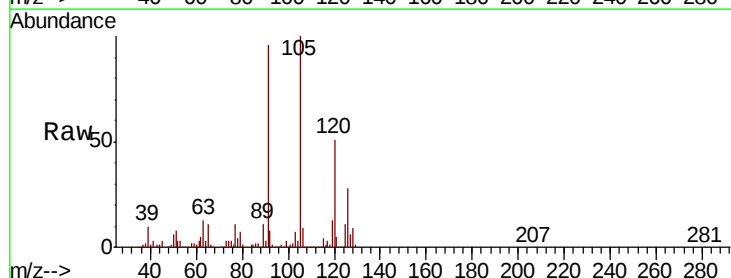
Acq: 20 Jun 2020 02:51

Tgt Ion: 105 Resp: 224544

Ion Ratio Lower Upper

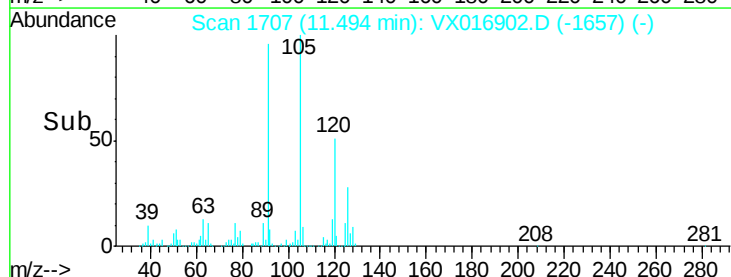
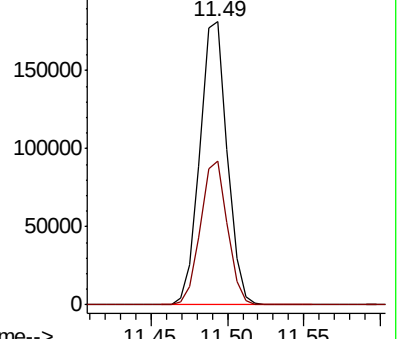
105 100

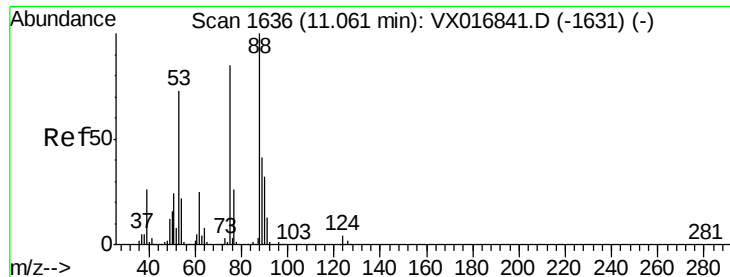
120 50.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016841.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016841.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.067 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

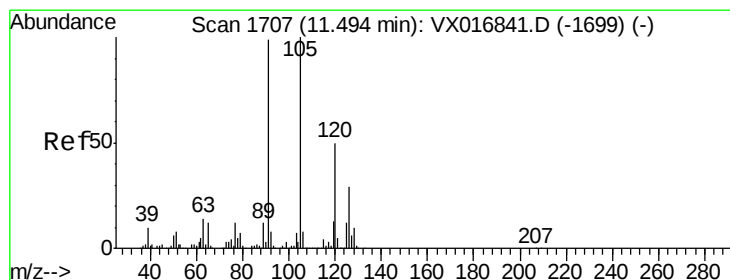
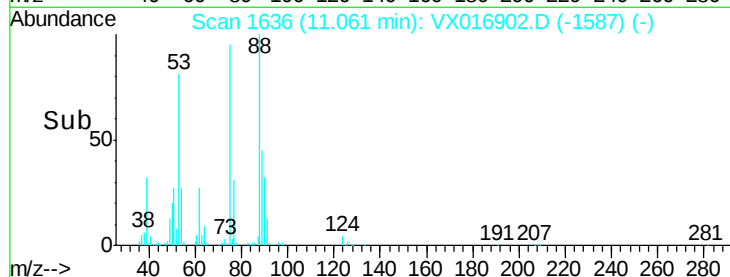
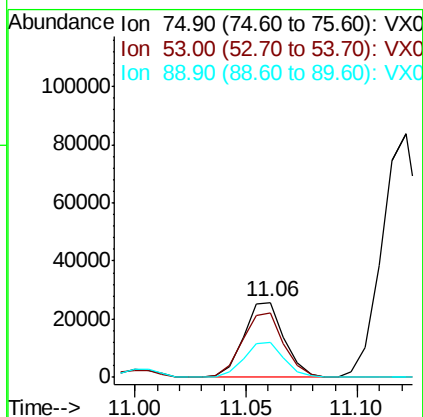
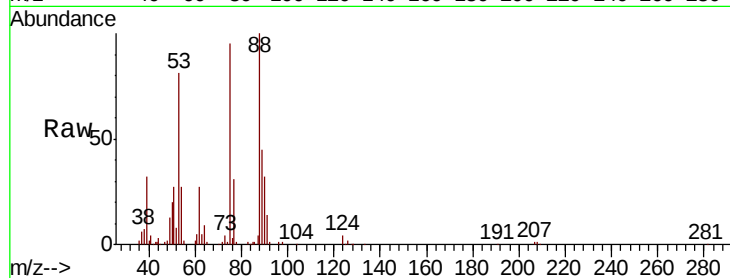
Tot Ion: 75 Resp: 32531

Ion Ratio Lower Upper

75 100

53 87.2 69.8 104.8

89 46.8 38.3 57.5



#82

4-Chlorotoluene

Concen: 19.871 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016902.D

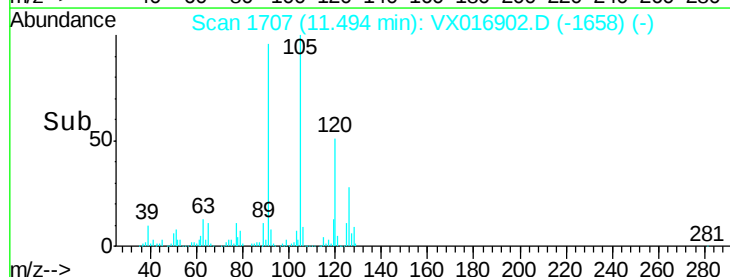
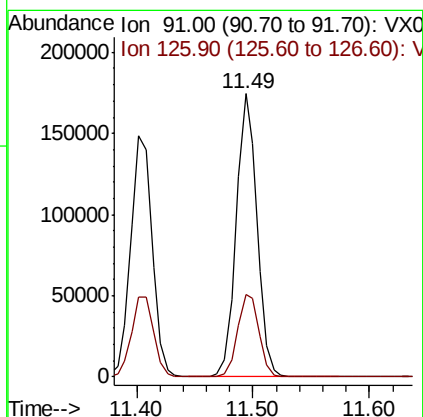
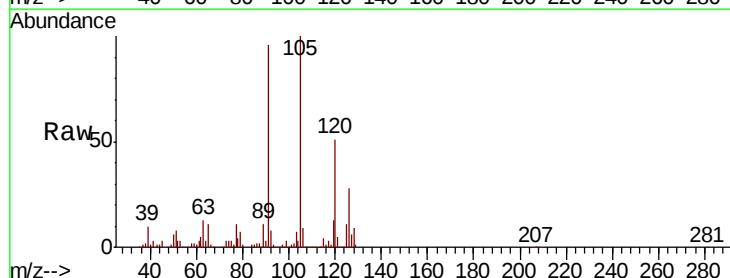
Acq: 20 Jun 2020 02:51

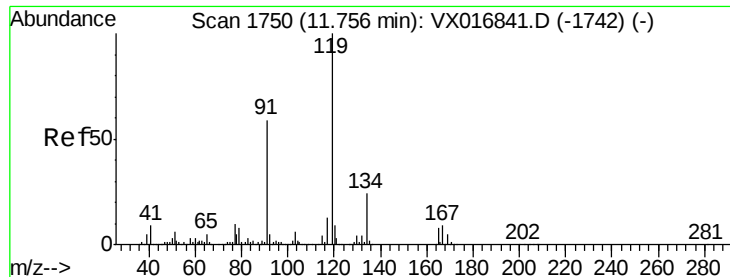
Tgt Ion: 91 Resp: 216997

Ion Ratio Lower Upper

91 100

126 30.3 15.0 45.0

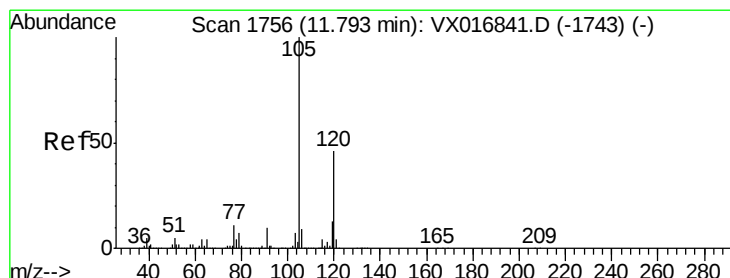
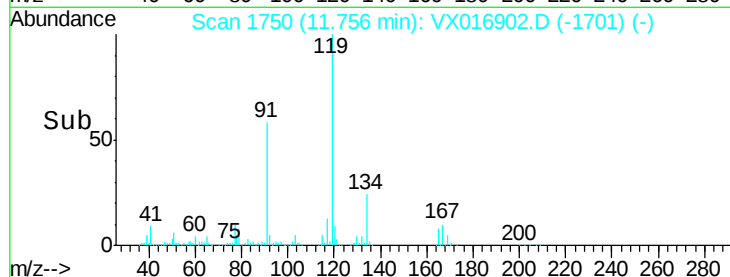
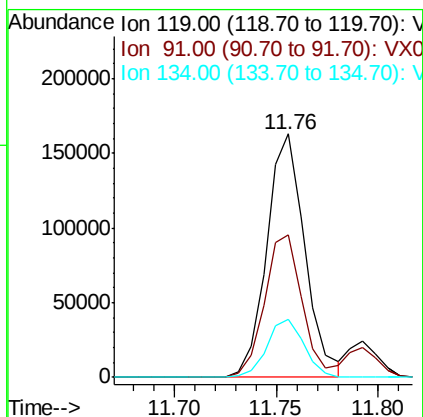
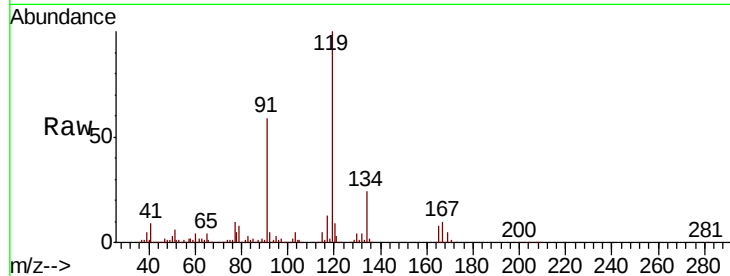




#83
tert-Butylbenzene
Concen: 18.561 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

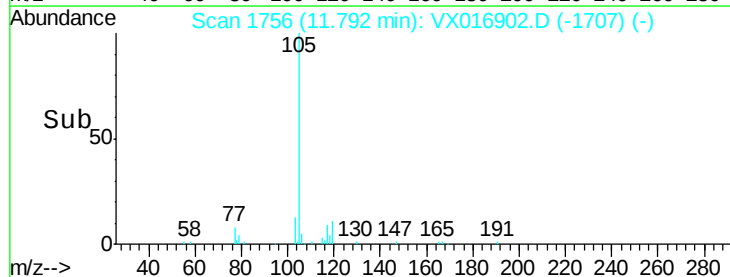
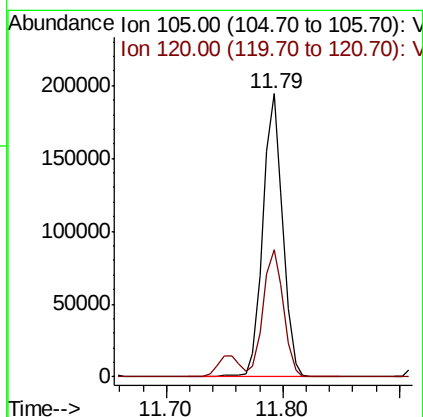
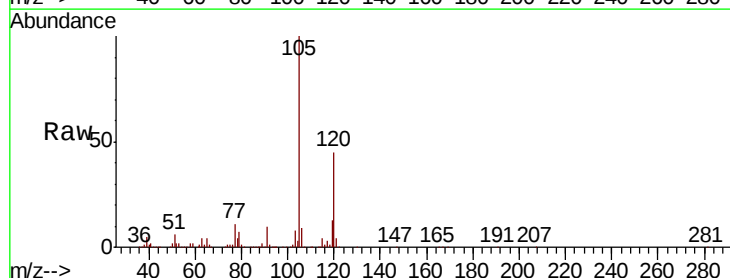
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

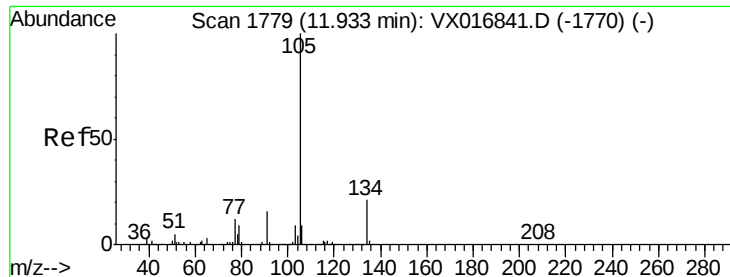
Tot Ion:119 Resp: 211234
Ion Ratio Lower Upper
119 100
91 57.5 28.5 85.5
134 23.4 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.335 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion:105 Resp: 229084
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 18.732 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

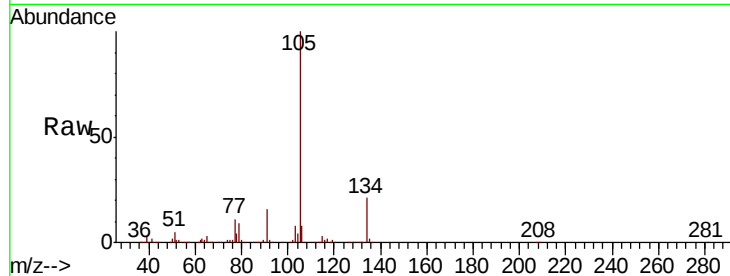
VX0619WBSD02

Tot Ion:105 Resp: 247584

Ion Ratio Lower Upper

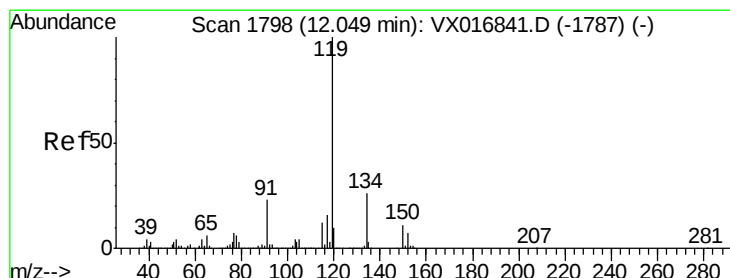
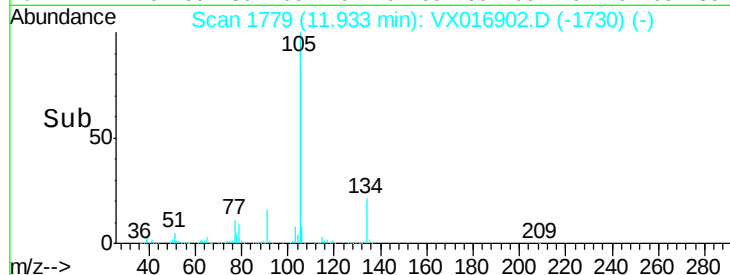
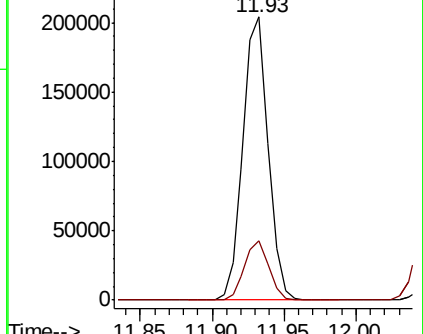
105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.031 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

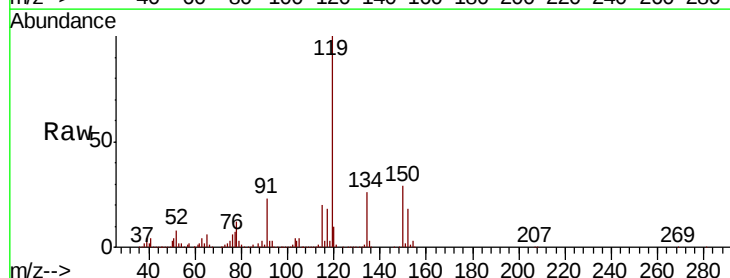
Tgt Ion:119 Resp: 230457

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

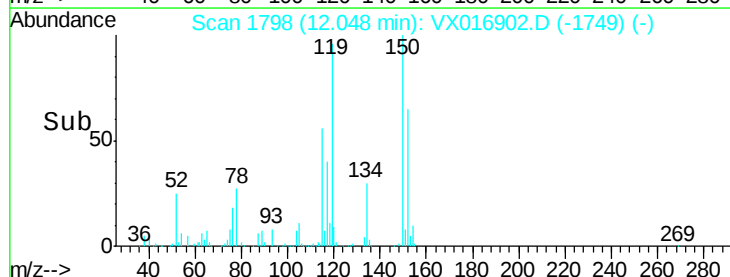
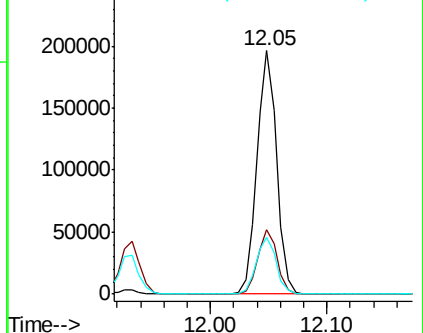
91 23.5 11.6 34.8



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

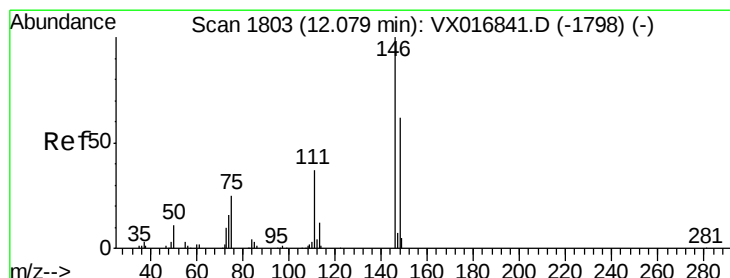
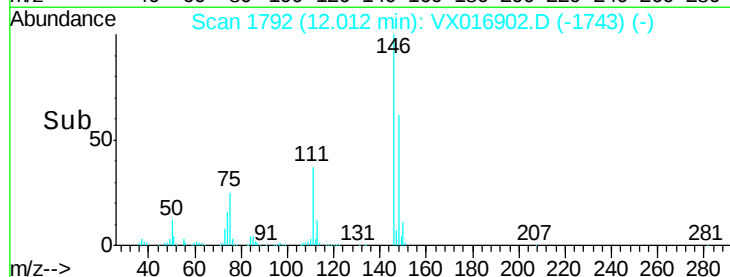
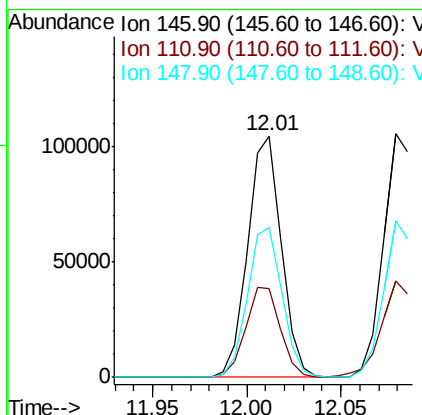
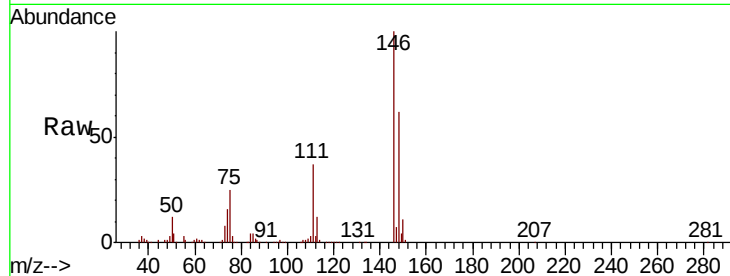




#87
 1,3-Dichlorobenzene
 Concen: 19.469 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

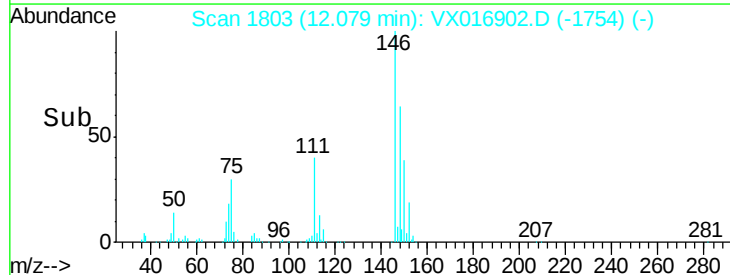
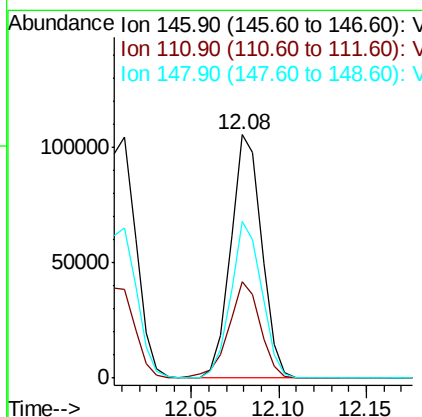
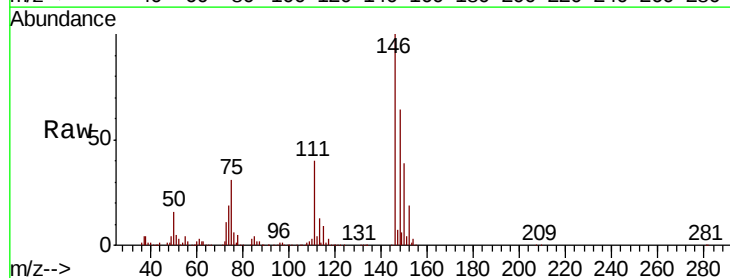
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

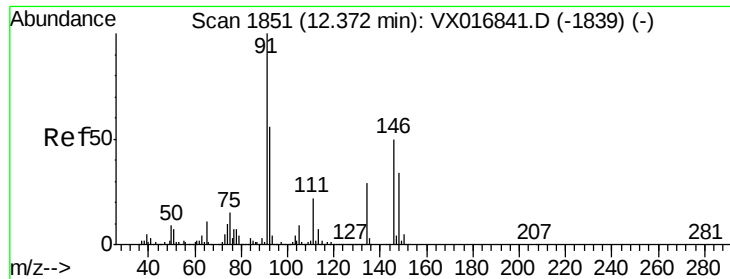
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.2
148	63.5	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.282 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.0	57.0
148	64.6	31.6	95.0

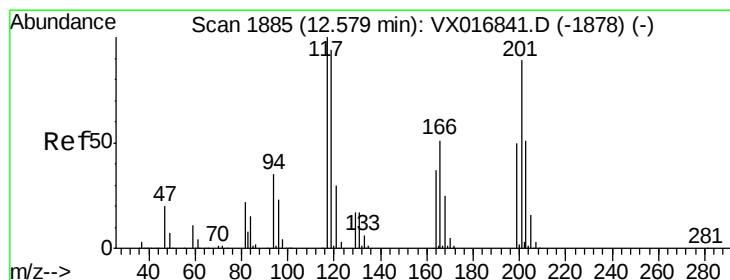
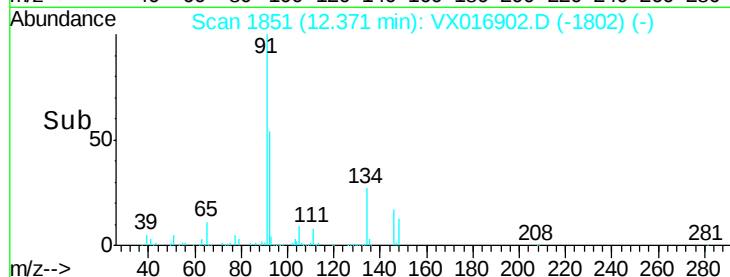
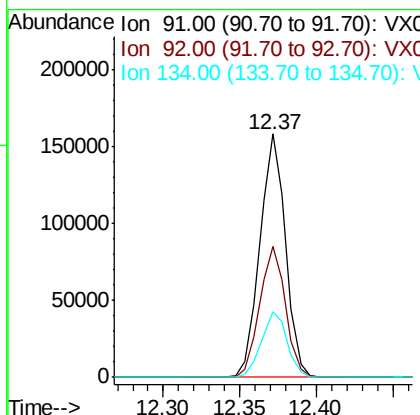
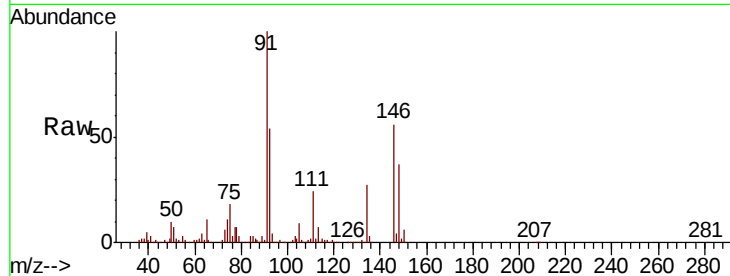




#89
n-Butylbenzene
Concen: 17.834 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

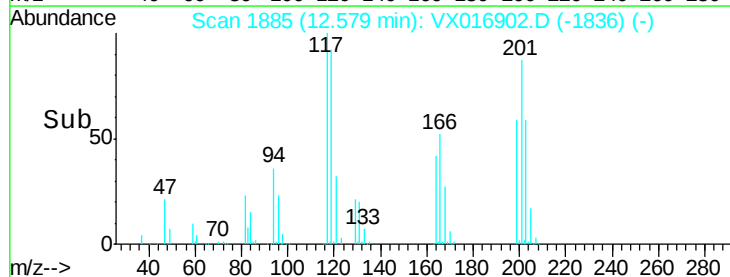
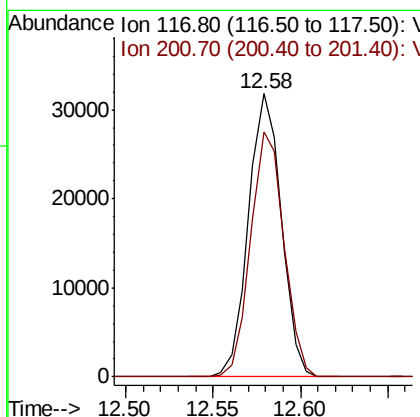
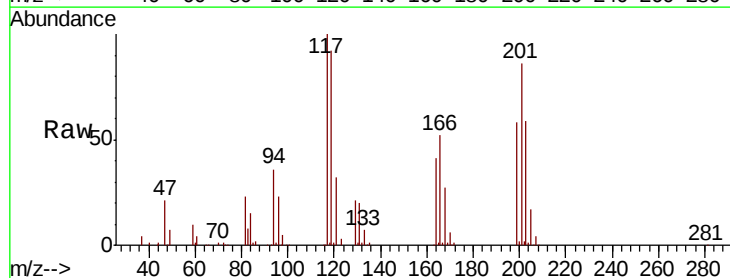
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

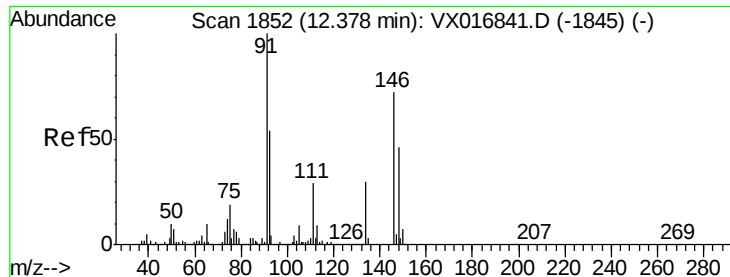
Tot Ion: 91 Resp: 185199
Ion Ratio Lower Upper
91 100
92 54.0 27.4 82.2
134 27.2 13.9 41.6



#90
Hexachloroethane
Concen: 19.086 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 117 Resp: 41635
Ion Ratio Lower Upper
117 100
201 87.5 44.9 134.5





#91

1,2-Dichlorobenzene

Concen: 19.228 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

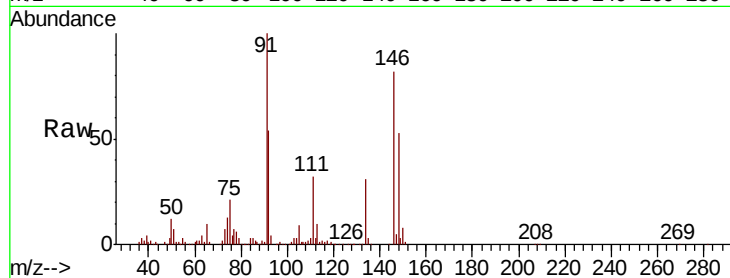
Tot Ion:146 Resp: 123296

Ion Ratio Lower Upper

146 100

111 40.4 20.9 62.7

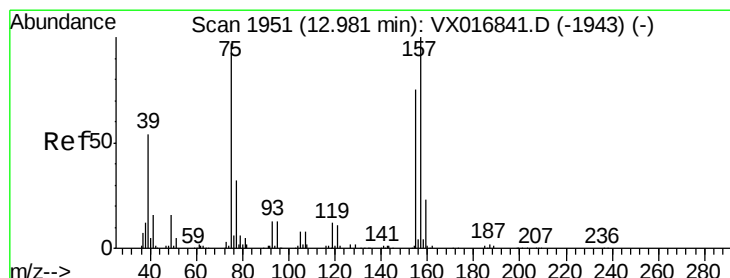
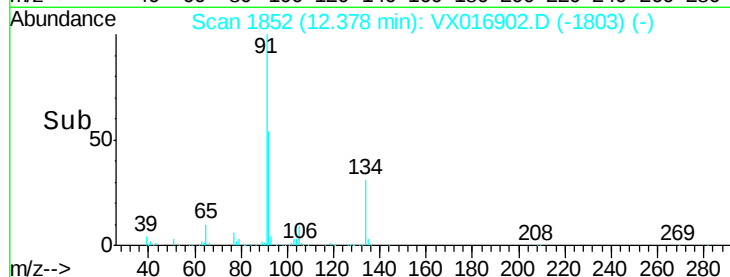
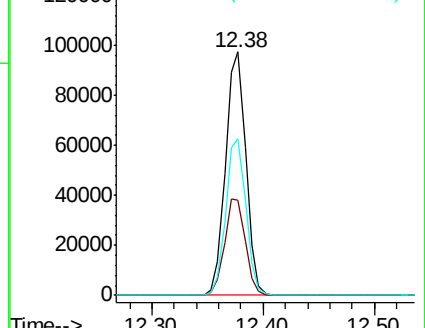
148 63.7 32.9 98.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.864 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

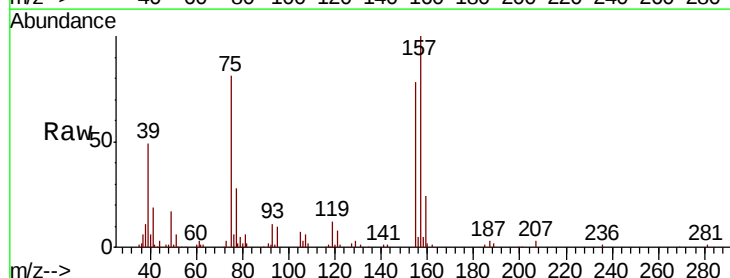
Tgt Ion: 75 Resp: 19514

Ion Ratio Lower Upper

75 100

155 94.7 46.4 139.1

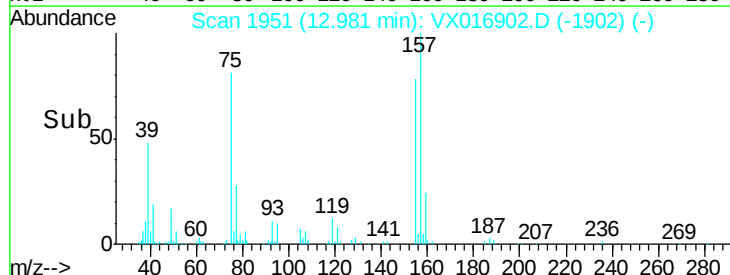
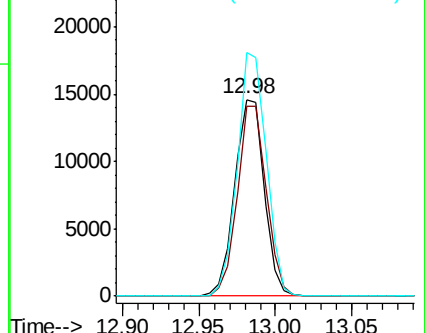
157 121.9 58.6 175.8

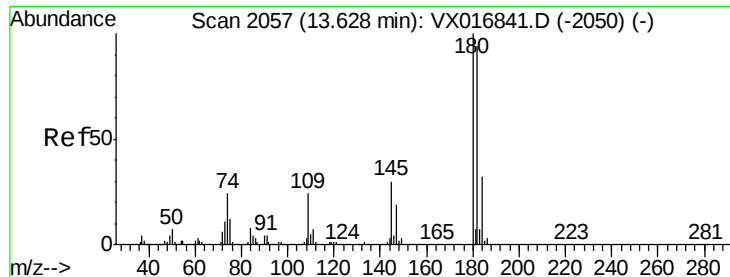


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

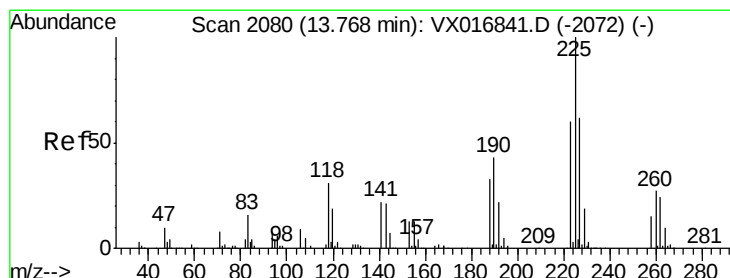
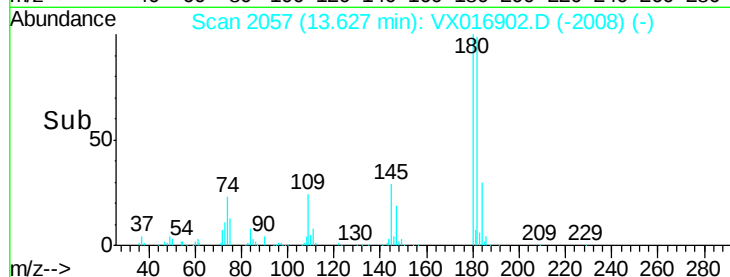
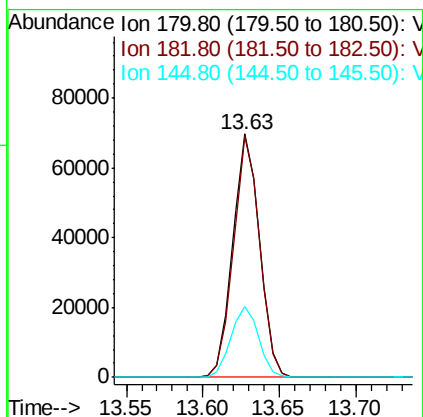
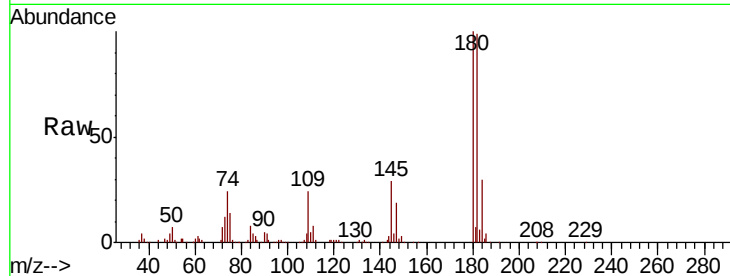




#93
 1,2,4-Trichlorobenzene
 Concen: 19.586 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

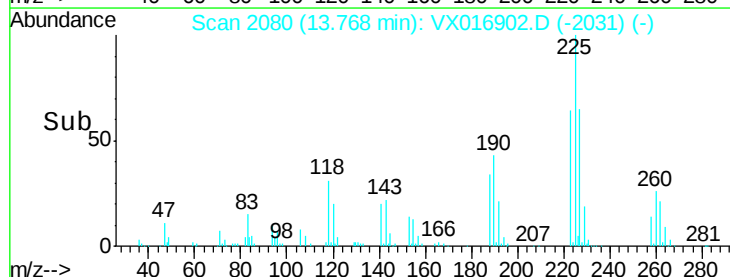
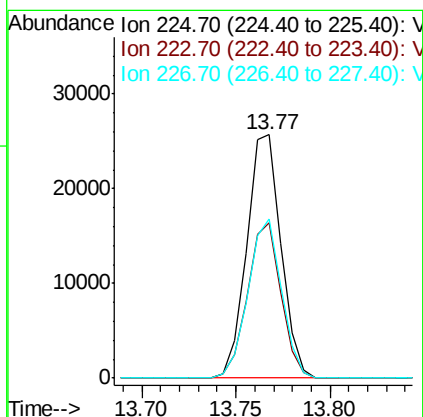
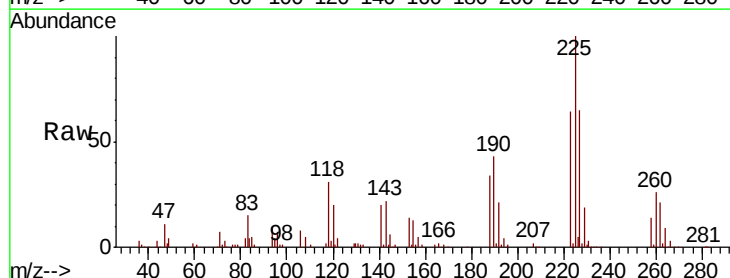
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

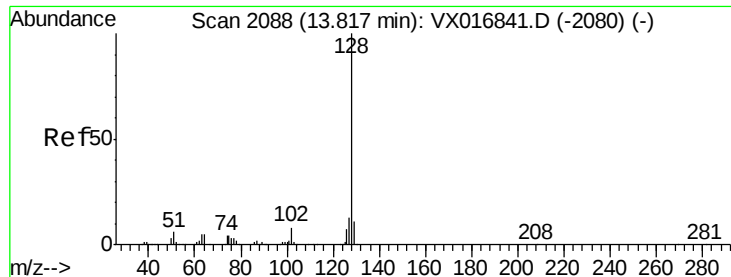
Tot Ion:180 Resp: 84334
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.7 143.1
 145 30.0 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 16.658 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Tgt Ion:225 Resp: 32366
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.1 96.5
 227 63.7 32.3 96.8





#95

Naphthalene

Concen: 21.297 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

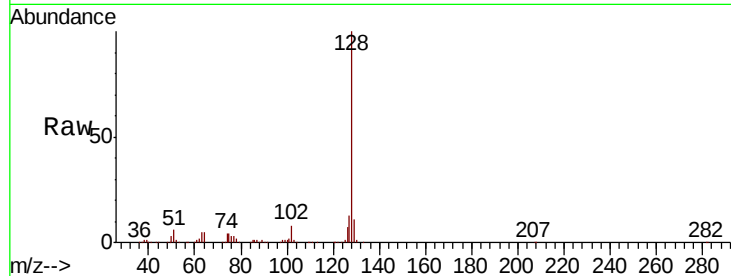
Tot Ion:128 Resp: 269221

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

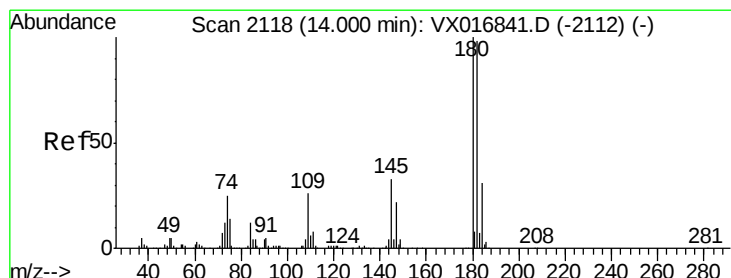
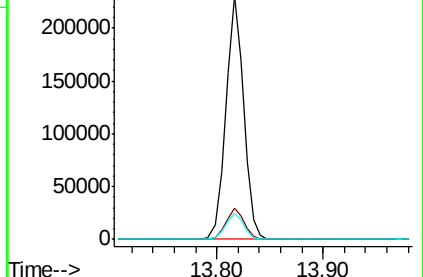
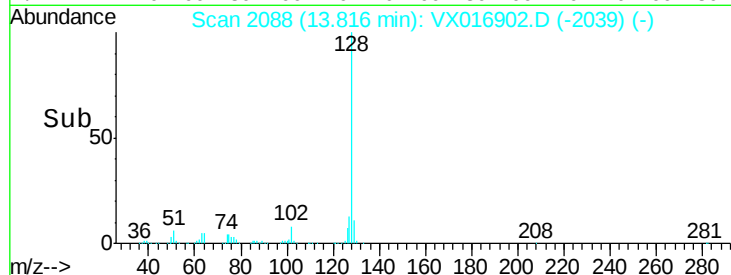
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.493 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

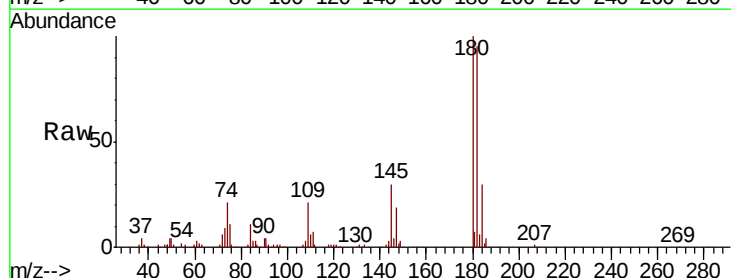
Tgt Ion:180 Resp: 83704

Ion Ratio Lower Upper

180 100

182 98.2 47.4 142.3

145 31.9 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

