

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016971.D
 Acq On : 26 Jun 2020 10:28
 Operator : JC/SP
 Sample : VX0626WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:57:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	222871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	369453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	335877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	164793	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	168114	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.90%		
35) Dibromofluoromethane	5.46	113	124223	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.82%		
50) Toluene-d8	8.70	98	462366	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.38%		
62) 4-Bromofluorobenzene	11.12	95	168603	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.50%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	38676	18.208	ug/l	100
3) Chloromethane	1.31	50	54727	20.043	ug/l	96
4) Vinyl Chloride	1.39	62	51538	18.429	ug/l	99
5) Bromomethane	1.63	94	36910	15.904	ug/l	97
6) Chloroethane	1.72	64	33409	17.602	ug/l	96
7) Trichlorofluoromethane	1.92	101	88242	19.343	ug/l	99
8) Diethyl Ether	2.17	74	30608	17.418	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46812	19.171	ug/l	98
10) Methyl Iodide	2.49	142	55393	19.866	ug/l	98
11) Tert butyl alcohol	3.01	59	55579	87.471	ug/l	100
12) 1,1-Dichloroethene	2.36	96	43677	17.680	ug/l	99
13) Acrolein	2.27	56	44631	94.769	ug/l	97
14) Allyl chloride	2.71	41	87873	19.104	ug/l	99
15) Acrylonitrile	3.11	53	129464	87.756	ug/l	99
16) Acetone	2.42	43	113565	86.321	ug/l	99
17) Carbon Disulfide	2.55	76	143399	18.307	ug/l	99
18) Methyl Acetate	2.75	43	54932	17.163	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	161361	18.688	ug/l	98
20) Methylene Chloride	2.83	84	53693	17.954	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	50110	17.954	ug/l	96
22) Diisopropyl ether	3.82	45	166106	18.420	ug/l	91
23) Vinyl Acetate	3.78	43	728193	92.270	ug/l	100
24) 1,1-Dichloroethane	3.67	63	92534	18.294	ug/l	99
25) 2-Butanone	4.63	43	173521	86.540	ug/l	98
26) 2,2-Dichloropropane	4.55	77	82559	20.177	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	54875	17.792	ug/l	99
28) Bromochloromethane	4.98	49	41585	17.593	ug/l	99
29) Tetrahydrofuran	5.09	42	114607	86.947	ug/l	99
30) Chloroform	5.17	83	92573	18.222	ug/l	100
31) Cyclohexane	5.54	56	79745	18.872	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	84729	18.616	ug/l	98
36) 1,1-Dichloropropene	5.77	75	69339	18.954	ug/l	100
37) Ethyl Acetate	4.79	43	70941	18.044	ug/l	99
38) Carbon Tetrachloride	5.75	117	75323	19.455	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	77276	19.521	ug/l	99
40) Benzene	6.11	78	198660	18.857	ug/l	99
41) Methacrylonitrile	5.00	41	39448	18.006	ug/l	96
42) 1,2-Dichloroethane	6.16	62	79654	19.244	ug/l	98
43) Isopropyl Acetate	6.41	43	117798	17.811	ug/l	99
44) Trichloroethene	7.18	130	51995	18.540	ug/l	99
45) 1,2-Dichloropropane	7.49	63	52454	18.624	ug/l	98
46) Dibromomethane	7.63	93	35139	18.366	ug/l	99
47) Bromodichloromethane	7.87	83	74169	18.534	ug/l	98
48) Methyl methacrylate	7.74	41	54944	17.790	ug/l	98
49) 1,4-Dioxane	7.71	88	23422	364.588	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	349738	92.395	ug/l	100
52) Toluene	8.76	92	122546	18.873	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	79798	18.621	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	84496	18.756	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	50008	18.743	ug/l	96
56) Ethyl methacrylate	9.16	69	73216	18.310	ug/l	99
57) 1,3-Dichloropropane	9.35	76	85621	18.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	199020	96.335	ug/l	100
59) 2-Hexanone	9.47	43	257889	90.565	ug/l	100
60) Dibromochloromethane	9.56	129	54374	17.878	ug/l	98
61) 1,2-Dibromoethane	9.65	107	50999	17.902	ug/l	99
64) Tetrachloroethene	9.32	164	47000	20.672	ug/l	98
65) Chlorobenzene	10.12	112	127727	18.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	49220	19.282	ug/l	99
67) Ethyl Benzene	10.23	91	230963	19.155	ug/l	98
68) m/p-Xylenes	10.34	106	171633	38.316	ug/l	98
69) o-Xylene	10.68	106	82329	19.265	ug/l	99
70) Styrene	10.70	104	137808	18.930	ug/l	99
71) Bromoform	10.84	173	37134	18.296	ug/l #	100
73) Isopropylbenzene	11.00	105	222165	19.580	ug/l	98
74) N-amyl acetate	10.88	43	99795	18.651	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	69277	18.143	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	86125	24.903	ug/l	85
77) Bromobenzene	11.24	156	54409	18.495	ug/l	100
78) n-propylbenzene	11.34	91	259877	19.405	ug/l	100
79) 2-Chlorotoluene	11.40	91	152771	18.970	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	186967	19.825	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	24002	17.620	ug/l	95
82) 4-Chlorotoluene	11.49	91	182593	19.265	ug/l	100
83) tert-Butylbenzene	11.76	119	177634	19.339	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	187810	19.688	ug/l	100
85) sec-Butylbenzene	11.93	105	212263	19.821	ug/l	100
86) p-Isopropyltoluene	12.05	119	196643	20.097	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	100214	18.980	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	103315	19.167	ug/l	99
89) n-Butylbenzene	12.37	91	177348	19.256	ug/l	100
90) Hexachloroethane	12.58	117	37579	18.526	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	95750	19.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15933	18.236	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 2020
Response via : Initial Calibration

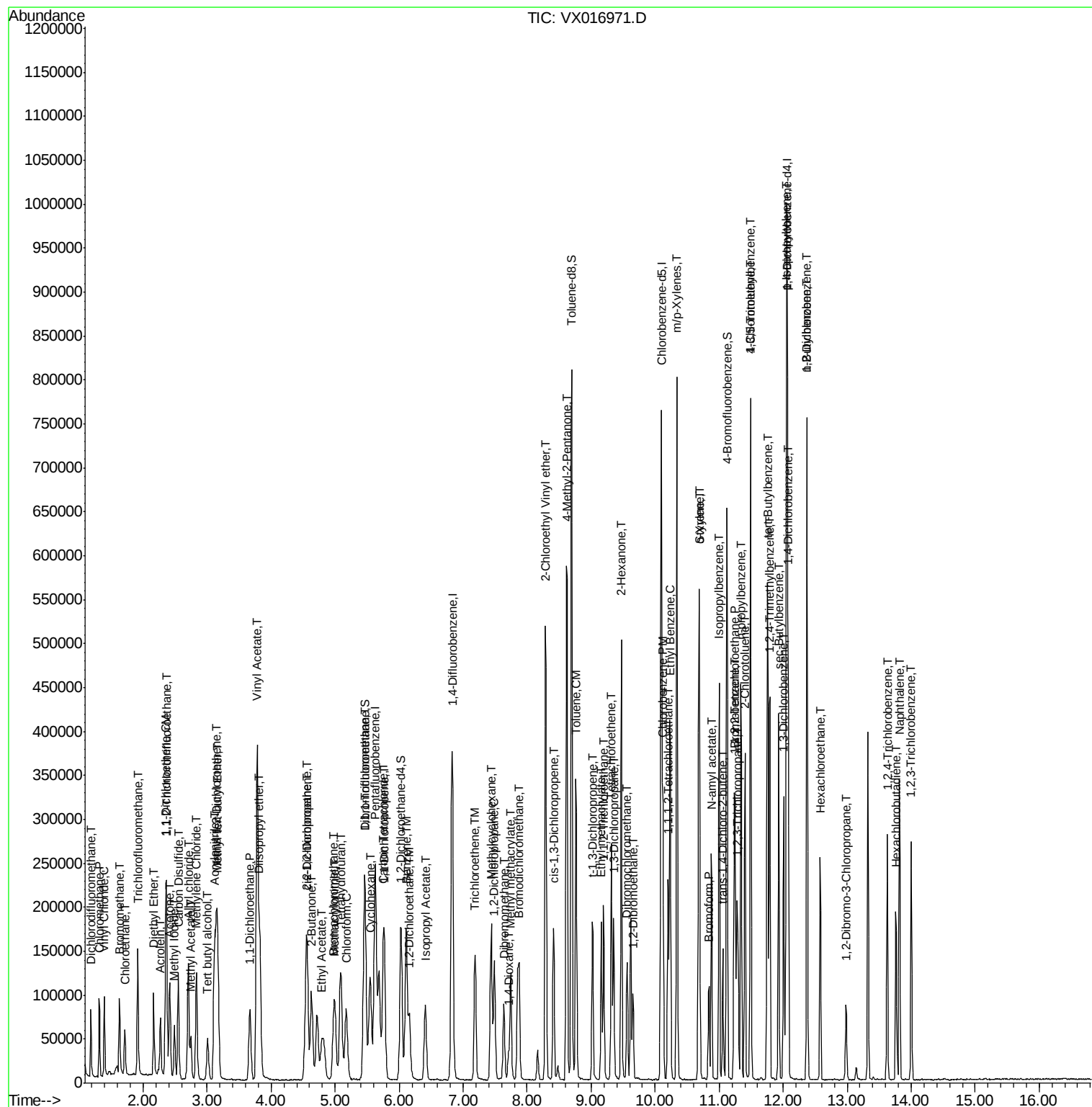
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	60759	18.627	ug/l	99
94) Hexachlorobutadiene	13.77	225	23019	19.643	ug/l	95
95) Naphthalene	13.82	128	194777	18.171	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	60329	19.285	ug/l	96

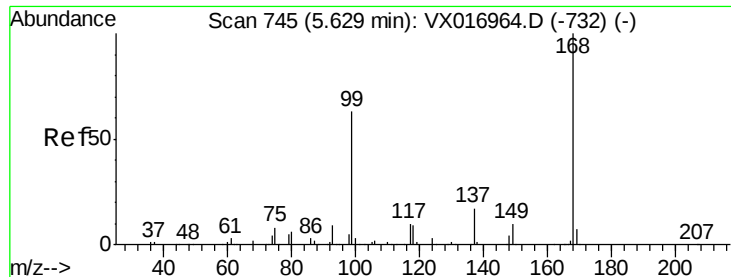
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

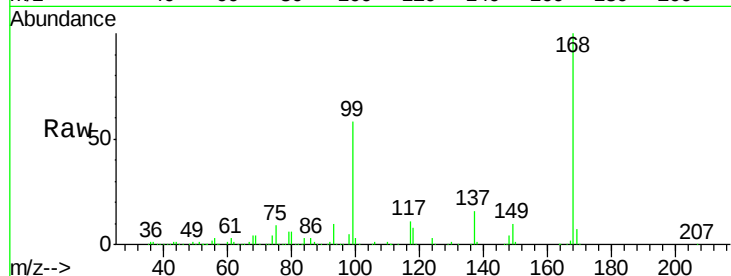
ClientSampleId :

Tot Ion:168 Resp: 222871

Ion Ratio Lower Upper

168 100

99 58.3 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

40000

20000

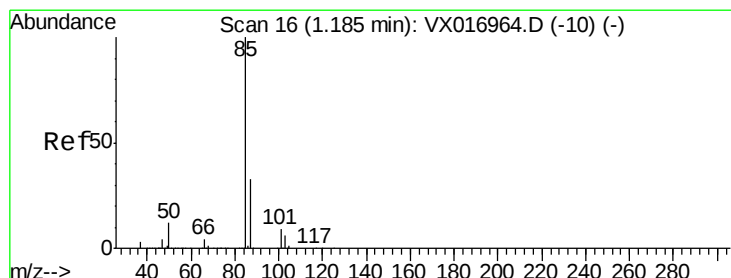
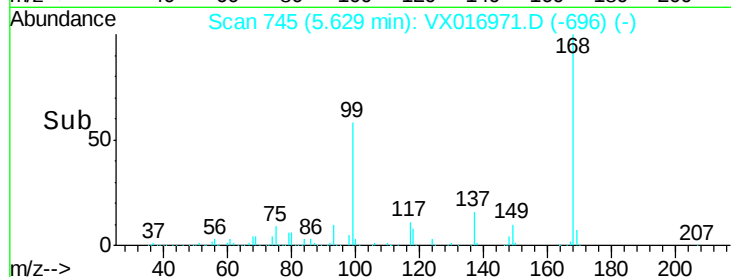
0

Time-->

5.50

5.60

5.70



#2

Dichlorodifluoromethane

Concen: 18.208 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016971.D

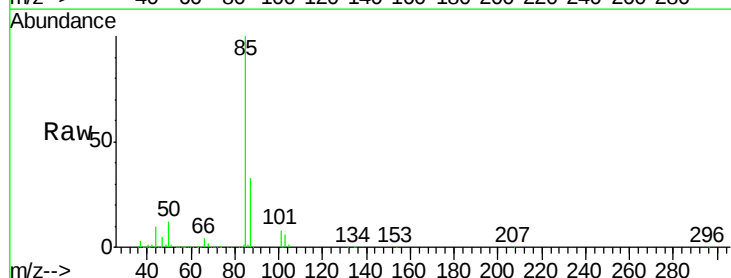
Acq: 26 Jun 2020 10:28

Tgt Ion: 85 Resp: 38676

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

30000

20000

10000

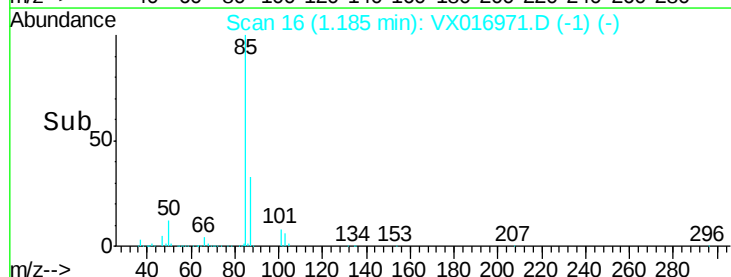
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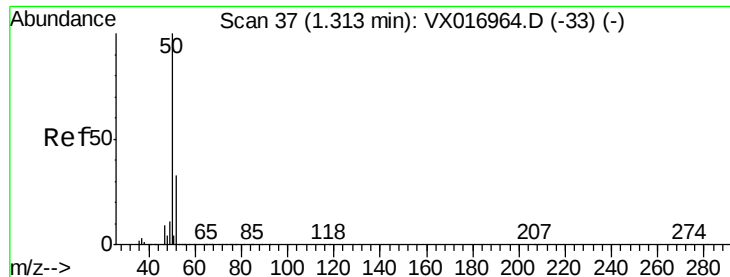
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 20.043 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

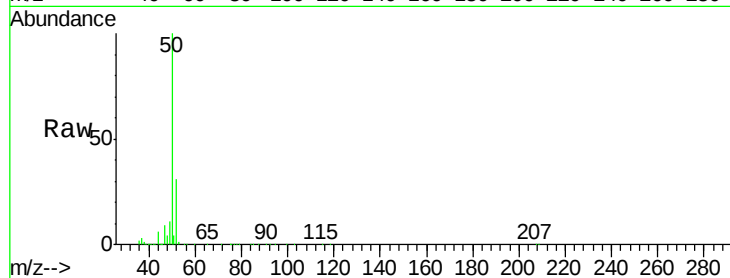
ClientSampleId :

Tot Ion: 50 Resp: 54727

Ion Ratio Lower Upper

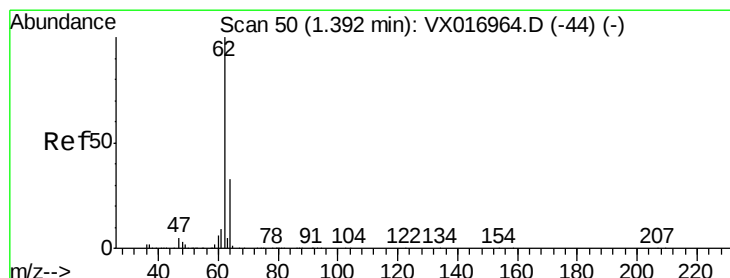
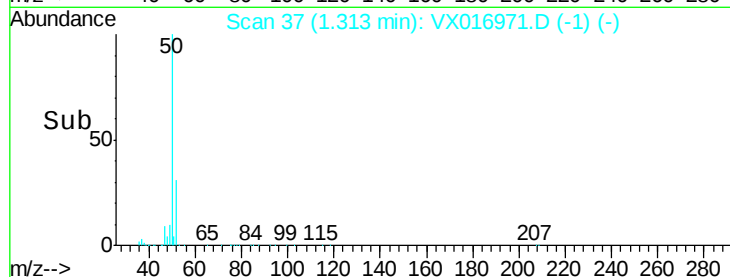
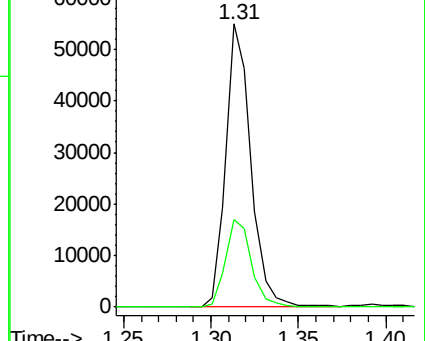
50 100

52 31.0 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.429 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016971.D

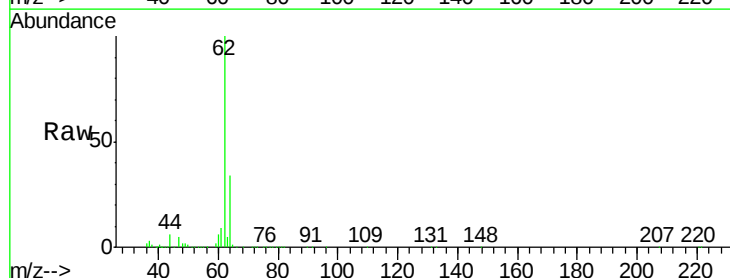
Acq: 26 Jun 2020 10:28

Tgt Ion: 62 Resp: 51538

Ion Ratio Lower Upper

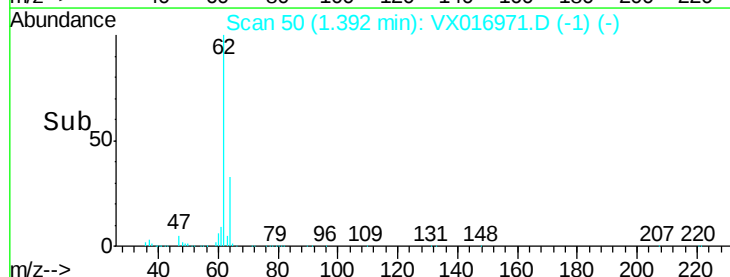
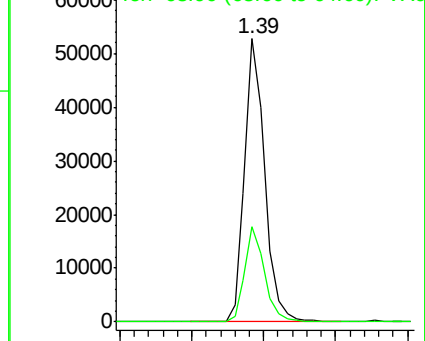
62 100

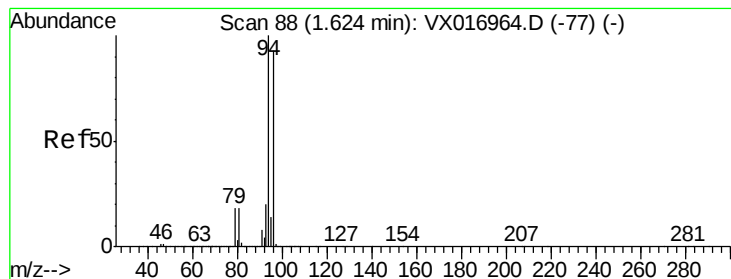
64 33.5 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.904 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

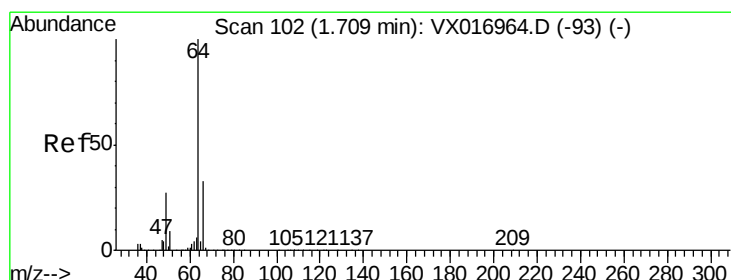
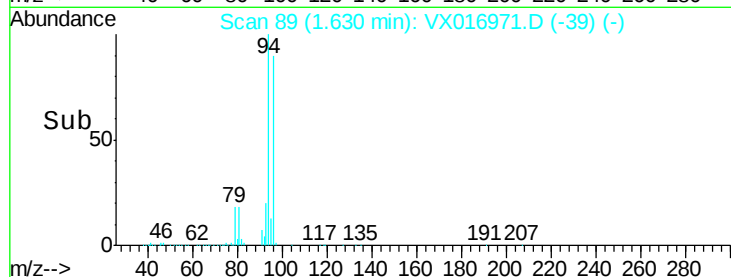
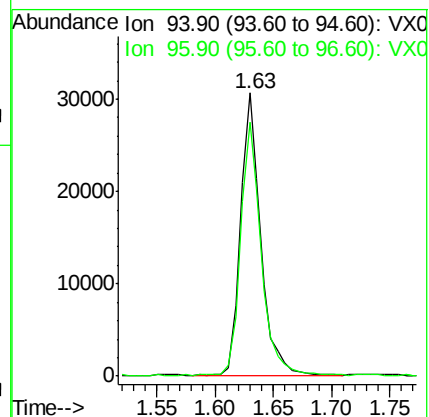
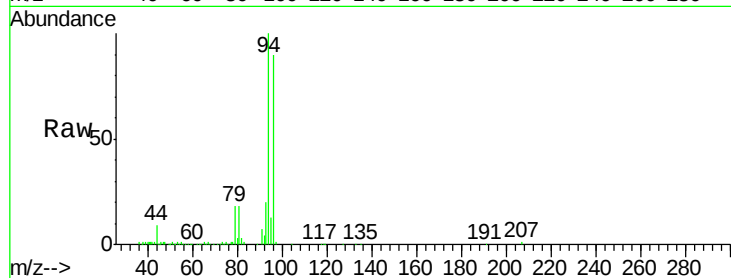
ClientSampleId :

Tot Ion: 94 Resp: 36910

Ion Ratio Lower Upper

94 100

96 89.7 74.2 111.2



#6

Chloroethane

Concen: 17.602 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016971.D

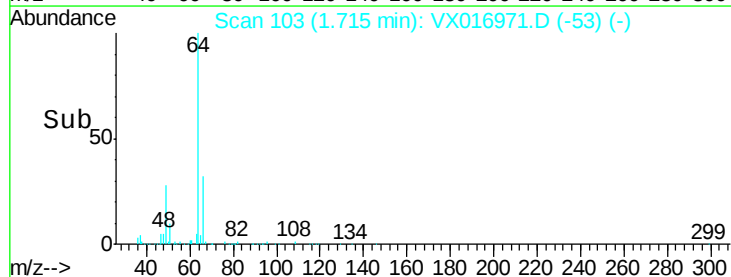
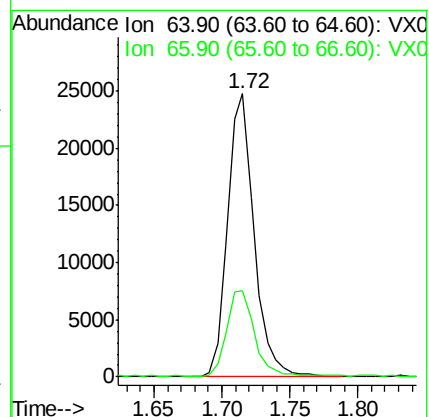
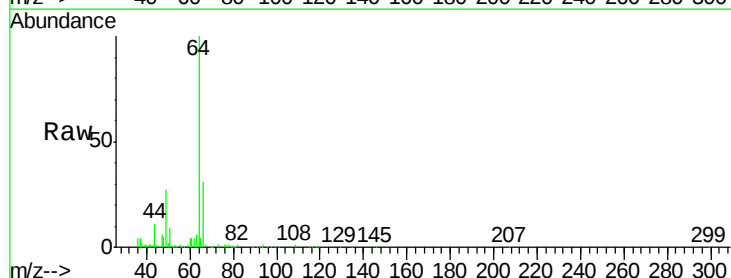
Acq: 26 Jun 2020 10:28

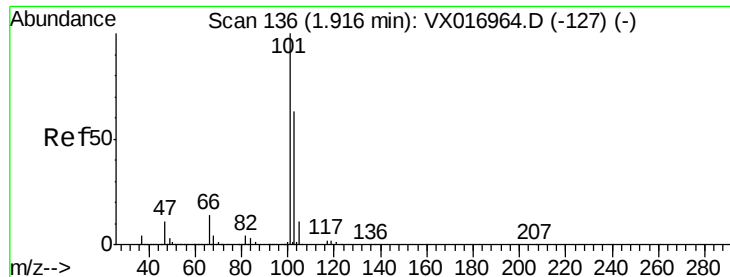
Tgt Ion: 64 Resp: 33409

Ion Ratio Lower Upper

64 100

66 30.4 26.2 39.2



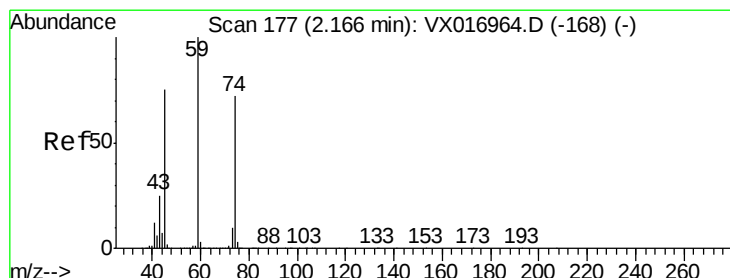
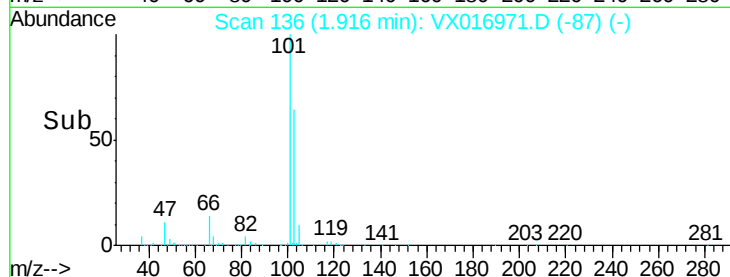
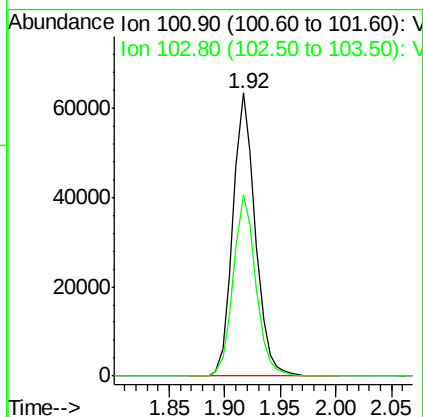
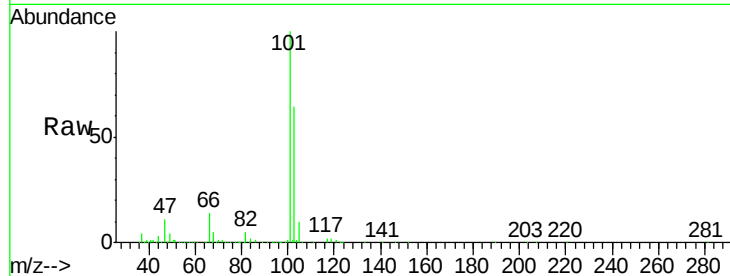


#7

Trichlorofluoromethane
Concen: 19.343 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

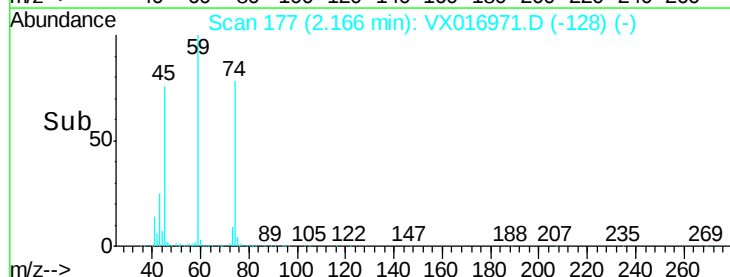
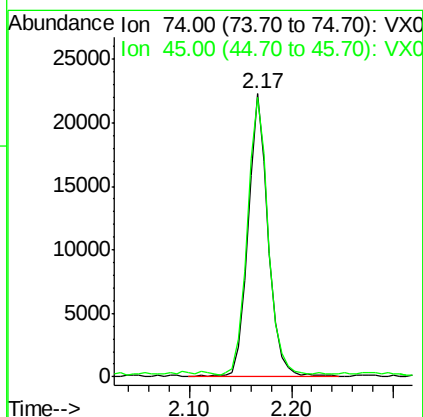
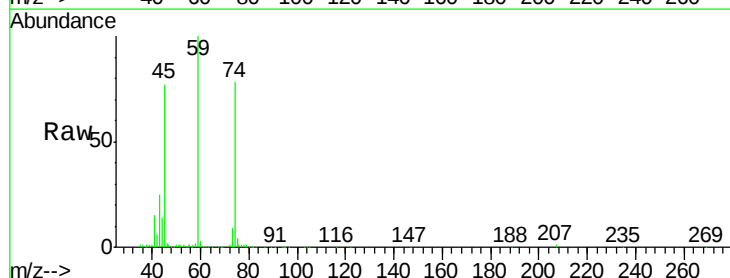
Tot Ion:101 Resp: 88242
Ion Ratio Lower Upper
101 100
103 63.9 50.2 75.4

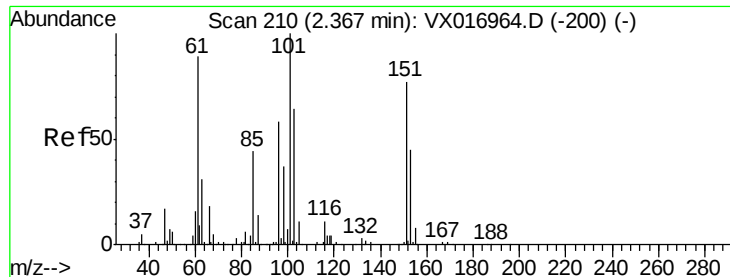


#8

Diethyl Ether
Concen: 17.418 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 74 Resp: 30608
Ion Ratio Lower Upper
74 100
45 100.5 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.171 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

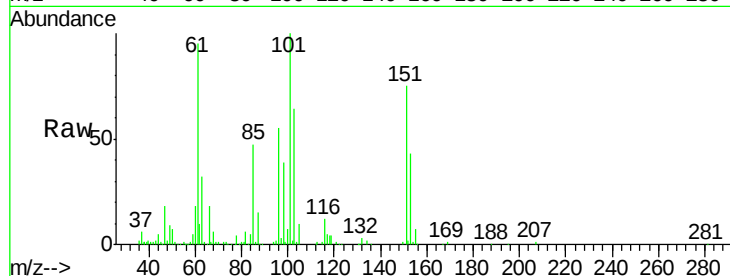
Tot Ion:101 Resp: 46812

Ion Ratio Lower Upper

101 100

85 47.1 36.8 55.2

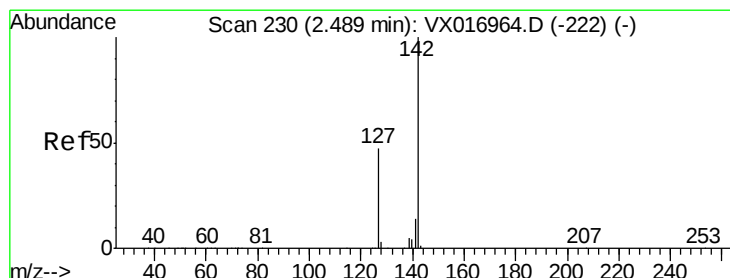
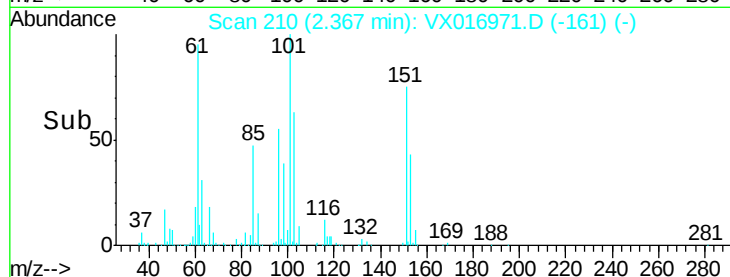
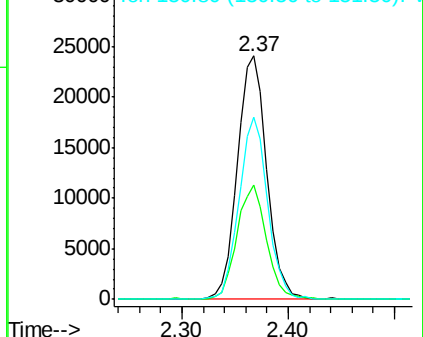
151 72.9 59.8 89.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.866 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

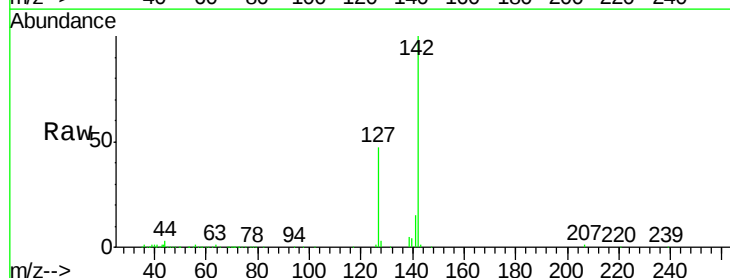
Tgt Ion:142 Resp: 55393

Ion Ratio Lower Upper

142 100

127 48.4 37.4 56.0

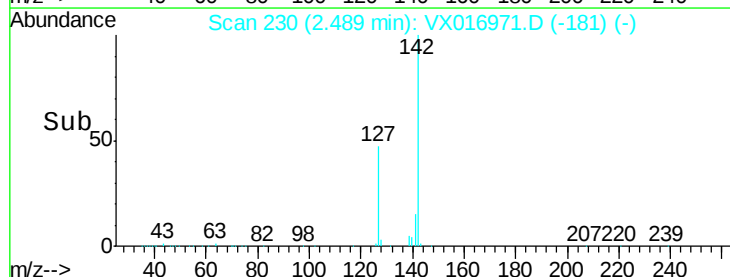
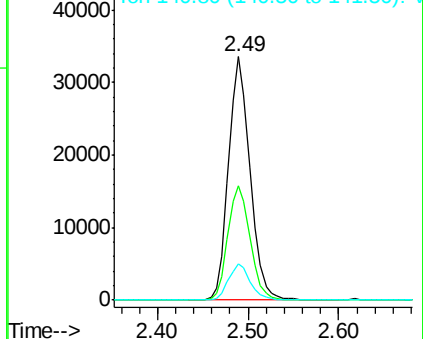
141 15.0 11.7 17.5

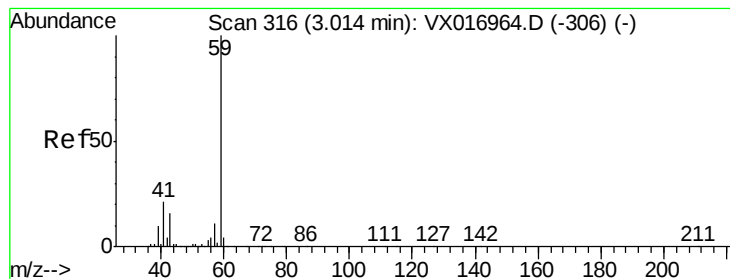


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



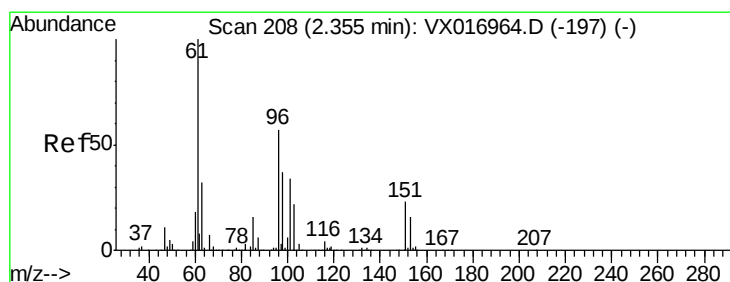
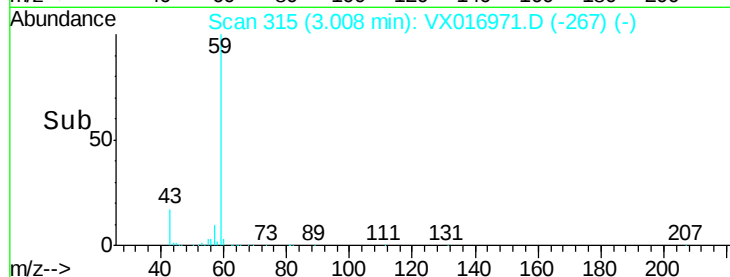
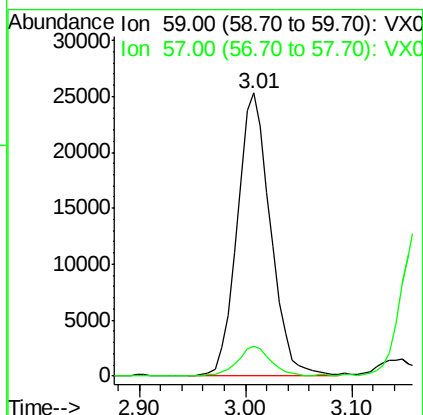
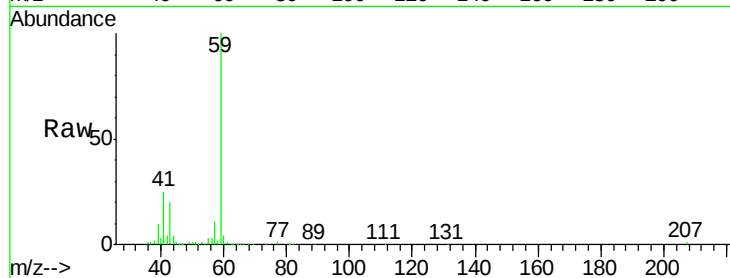


#11

Tert butyl alcohol
Concen: 87.471 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

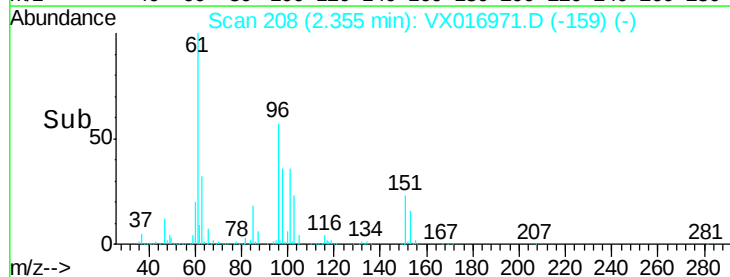
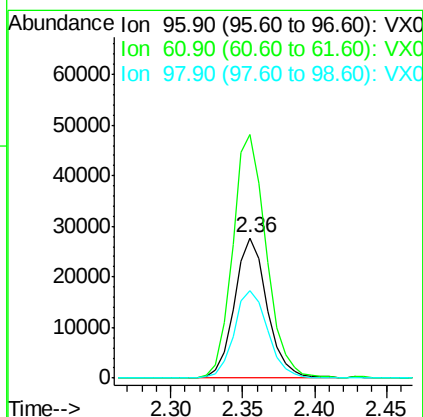
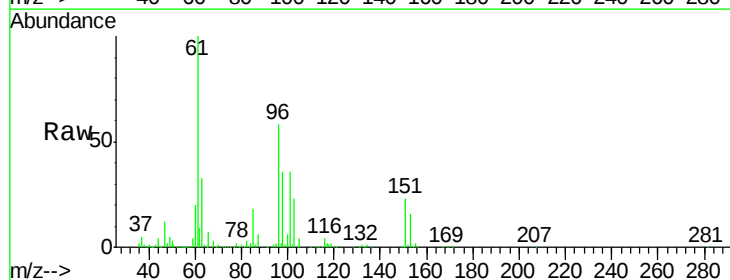
Tot Ion: 59 Resp: 55579
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

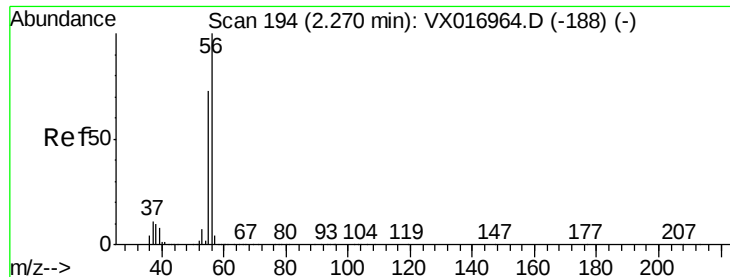


#12

1,1-Dichloroethene
Concen: 17.680 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 96 Resp: 43677
Ion Ratio Lower Upper
96 100
61 173.5 139.7 209.5
98 62.5 51.0 76.6





#13

Acrolein

Concen: 94.769 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

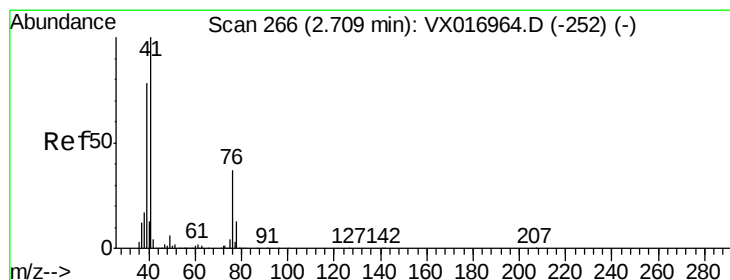
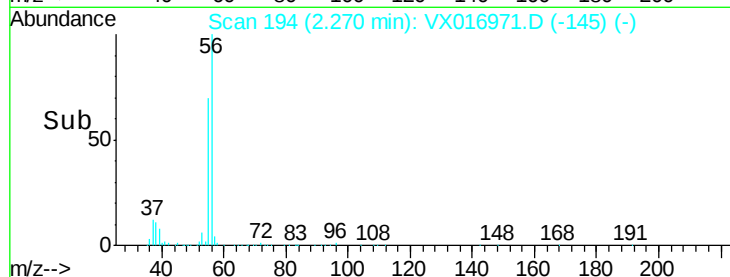
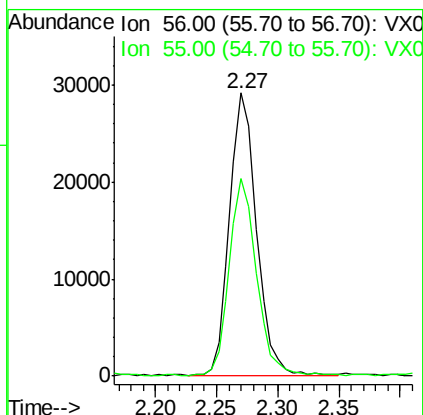
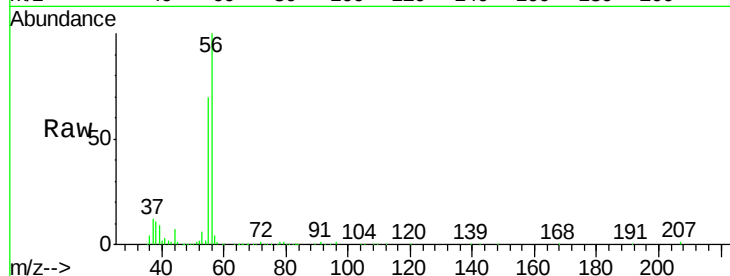
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 44631

Ion Ratio Lower Upper

56 100

55 69.5 57.5 86.3



#14

Allyl chloride

Concen: 19.104 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

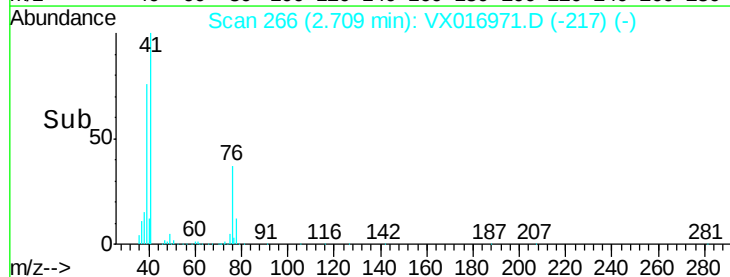
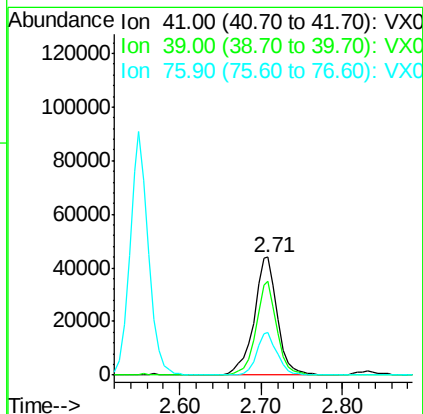
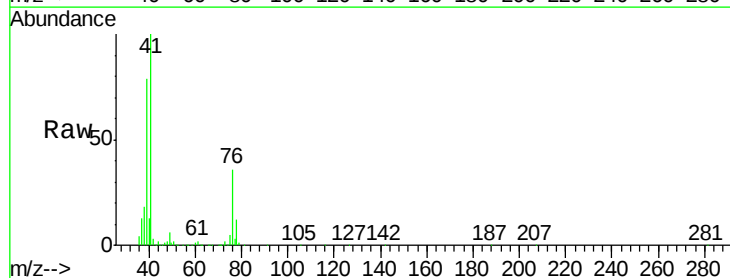
Tgt Ion: 41 Resp: 87873

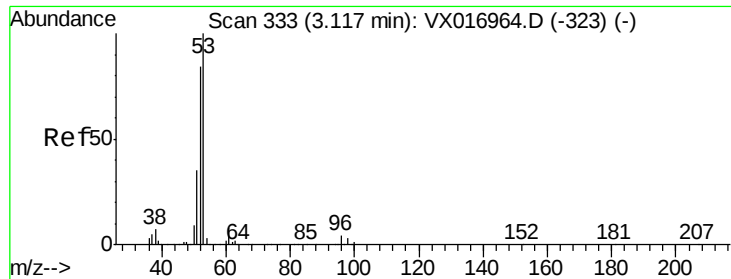
Ion Ratio Lower Upper

41 100

39 70.6 56.4 84.6

76 31.7 26.5 39.7

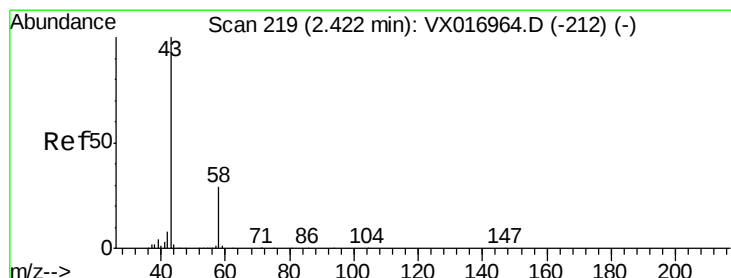
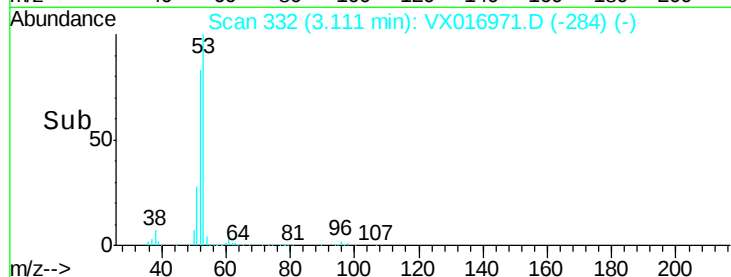
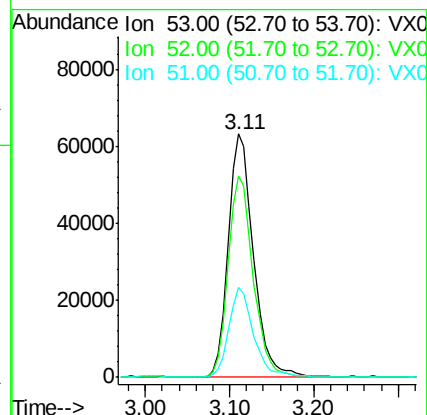
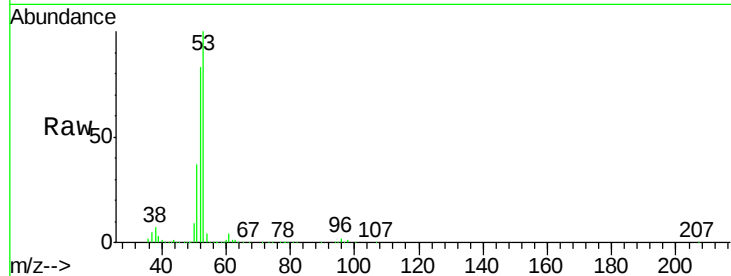




#15
 Acrylonitrile
 Concen: 87.756 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

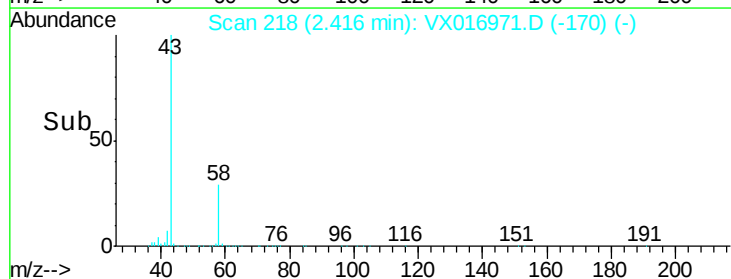
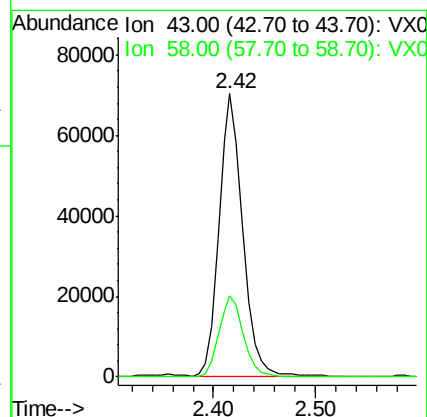
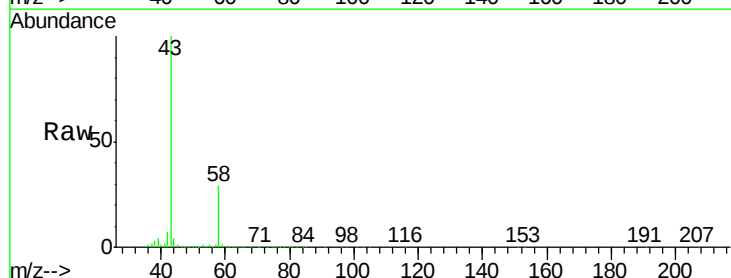
Instrument :
 MSVOA_X
 ClientSampleId :

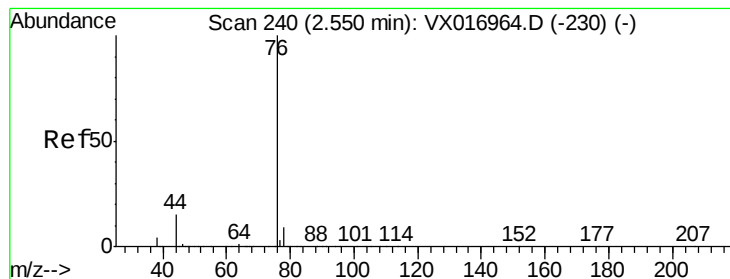
Tot Ion	53	Resp	129464
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.3	99.5
51	36.4	29.0	43.6



#16
 Acetone
 Concen: 86.321 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Tgt Ion	43	Resp	113565
Ion Ratio	Lower	Upper	
43	100		
58	28.7	23.5	35.3





#17

Carbon Disulfide

Concen: 18.307 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

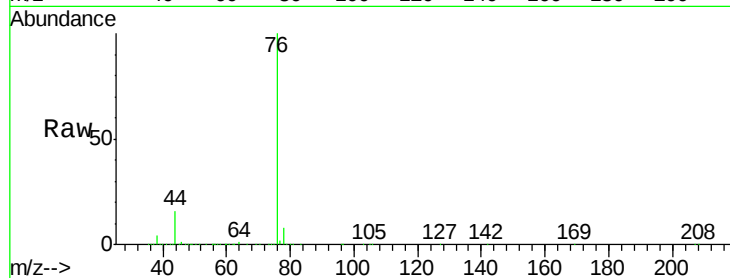
ClientSampled :

Tot Ion: 76 Resp: 143399

Ion Ratio Lower Upper

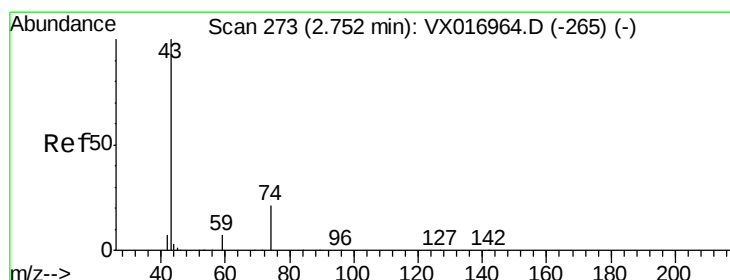
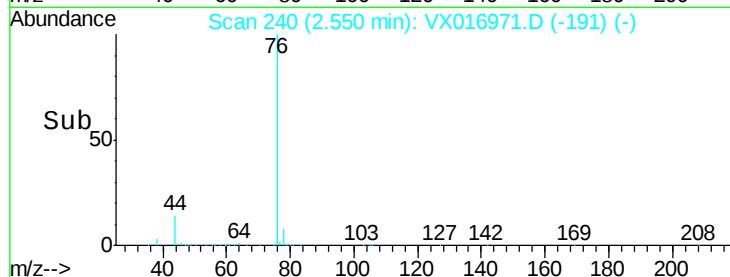
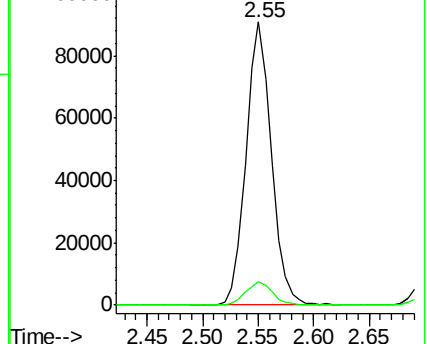
76 100

78 8.2 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.163 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016971.D

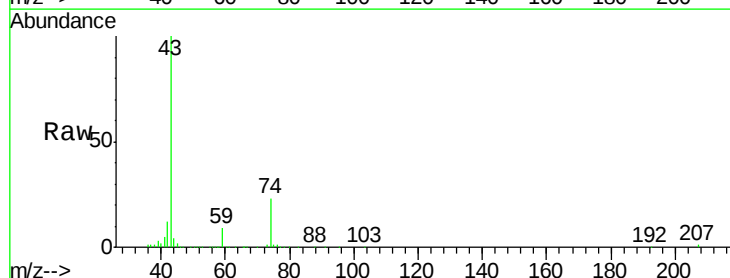
Acq: 26 Jun 2020 10:28

Tgt Ion: 43 Resp: 54932

Ion Ratio Lower Upper

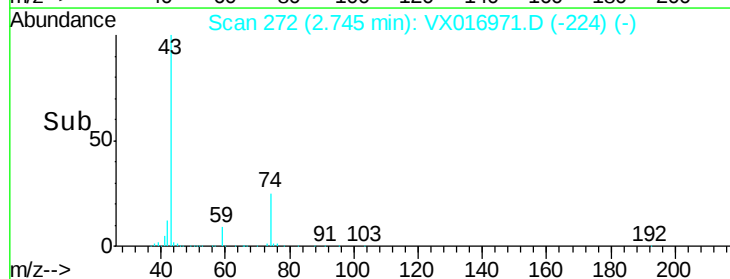
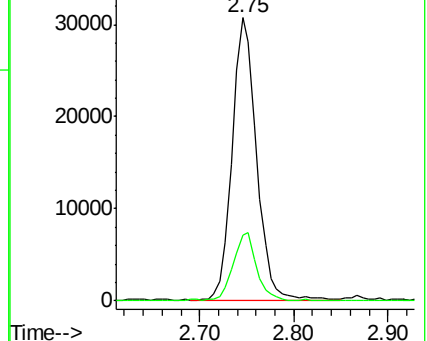
43 100

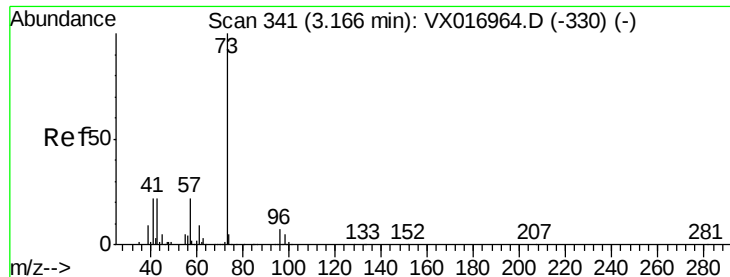
74 23.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

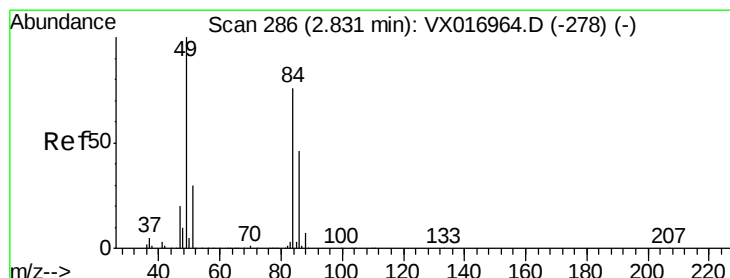
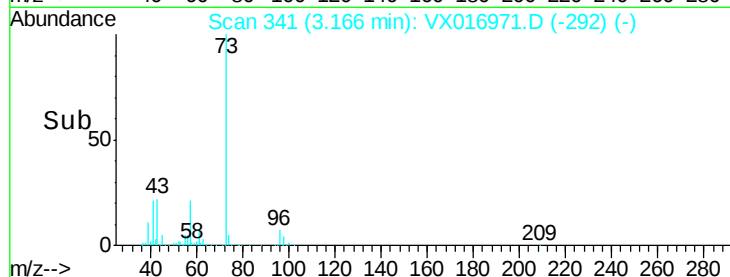
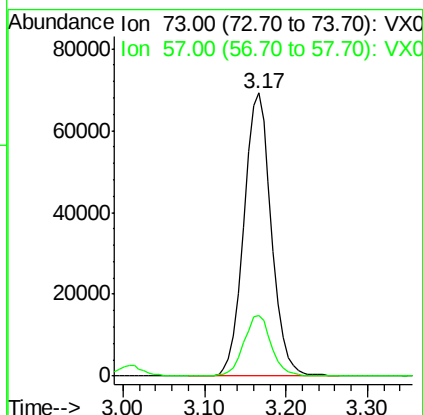
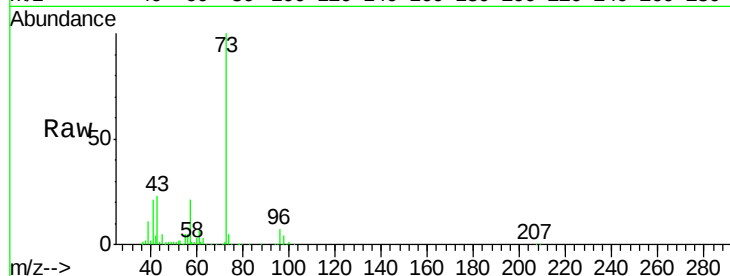




#19
Methyl tert-butyl Ether
Concen: 18.688 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

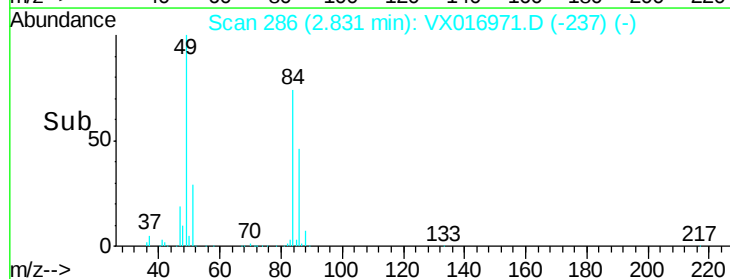
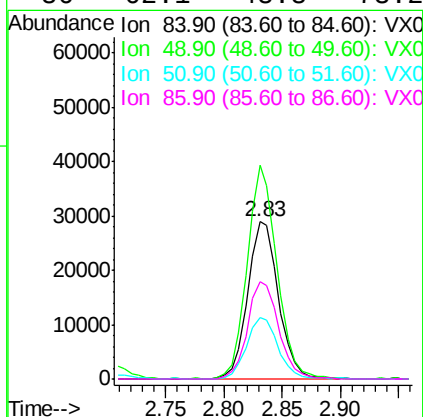
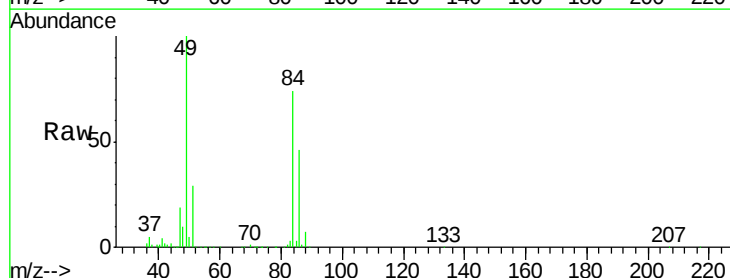
Instrument :
MSVOA_X
ClientSampleId :

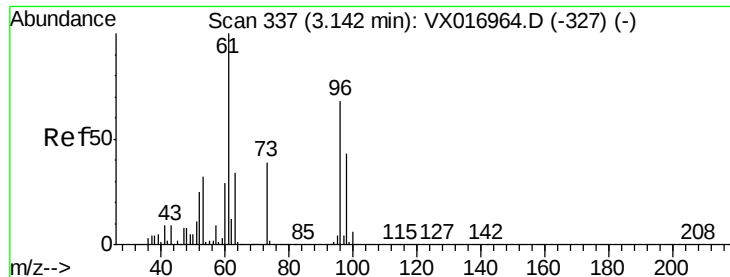
Tot Ion: 73 Resp: 161361
Ion Ratio Lower Upper
73 100
57 21.3 17.8 26.8



#20
Methylene Chloride
Concen: 17.954 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 84 Resp: 53693
Ion Ratio Lower Upper
84 100
49 135.6 105.6 158.4
51 39.3 31.2 46.8
86 62.1 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 17.954 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

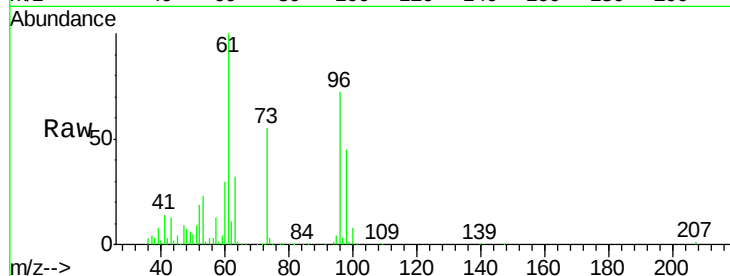
Tot Ion: 96 Resp: 50110

Ion Ratio Lower Upper

96 100

61 139.1 116.7 175.1

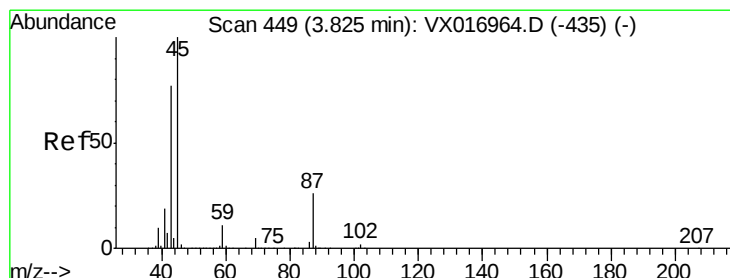
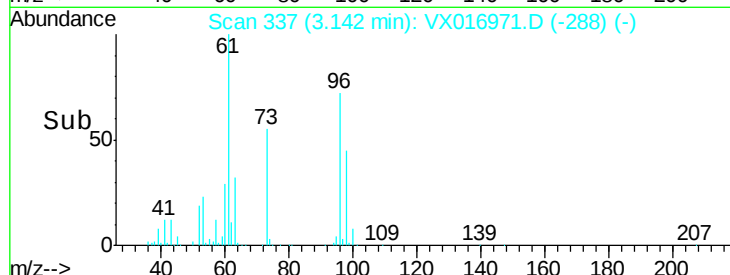
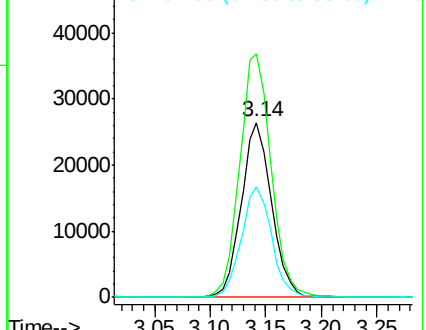
98 63.1 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.420 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Tgt Ion: 45 Resp: 166106

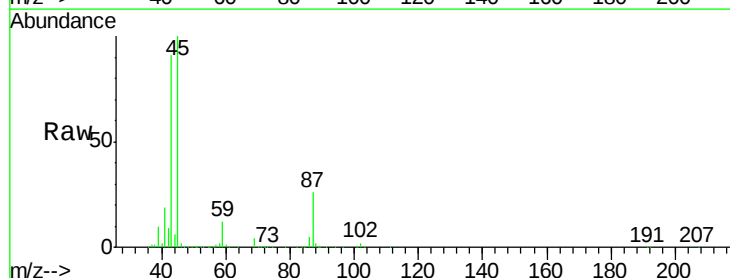
Ion Ratio Lower Upper

45 100

43 90.0 62.7 94.1

87 25.6 21.0 31.4

59 11.6 9.0 13.6

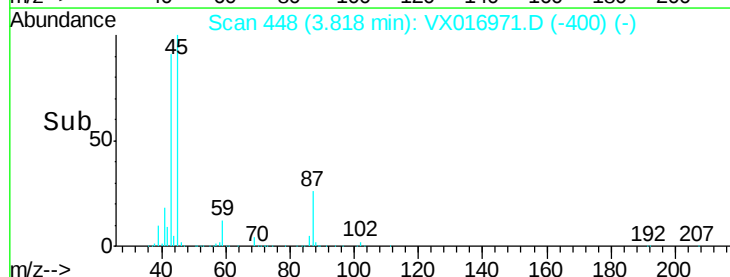
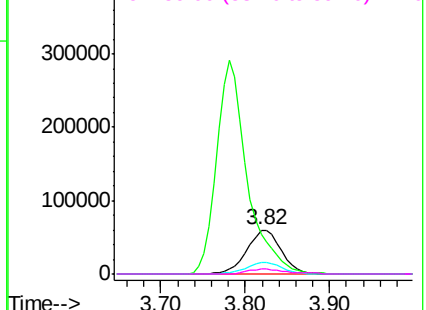


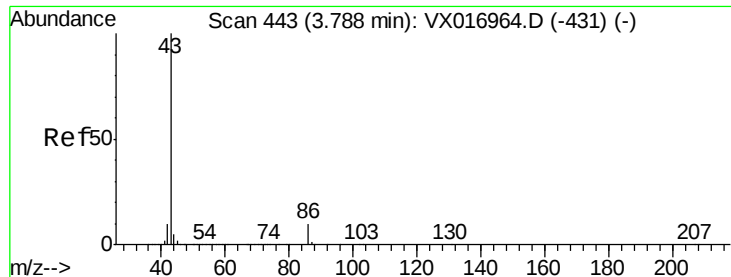
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 92.270 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

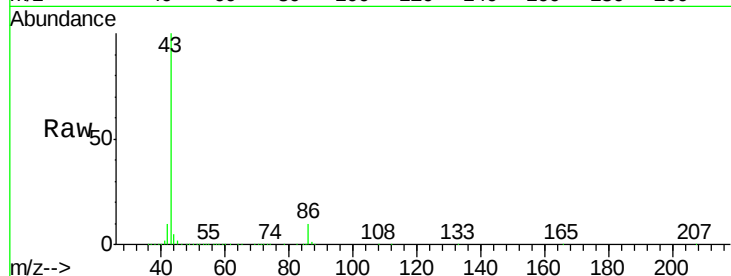
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 728193

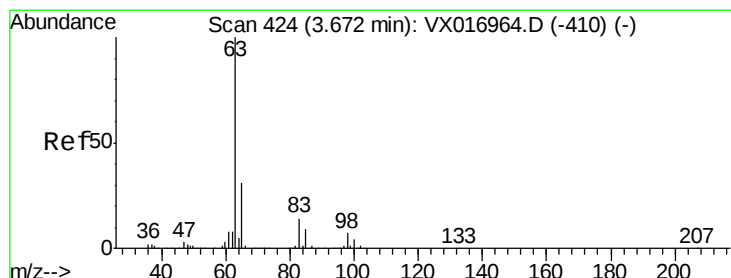
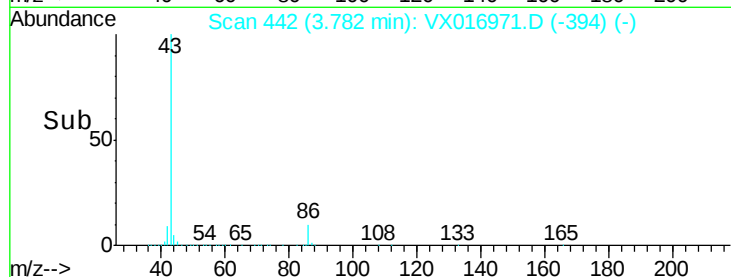
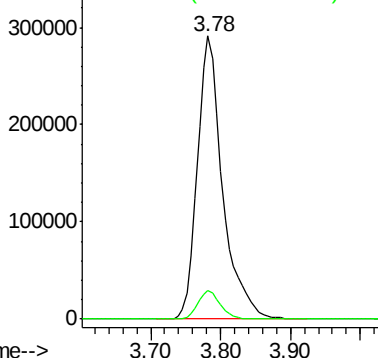
Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.294 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

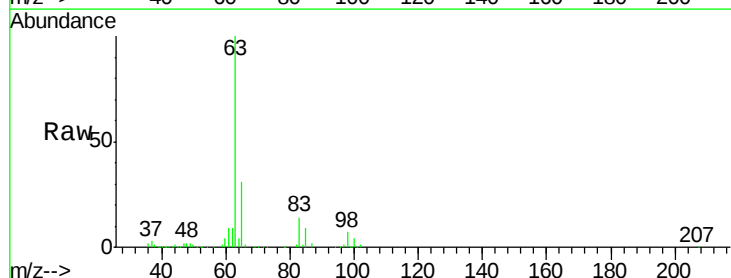
Tgt Ion: 63 Resp: 92534

Ion Ratio Lower Upper

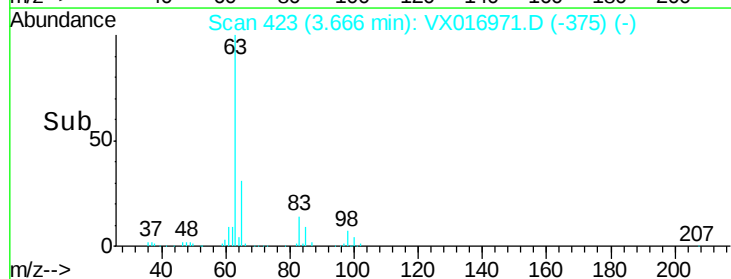
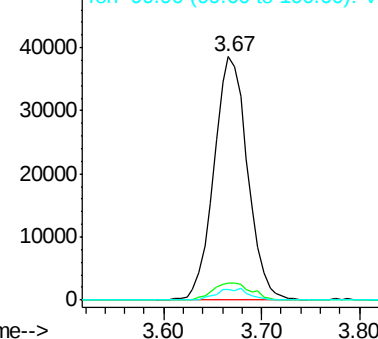
63 100

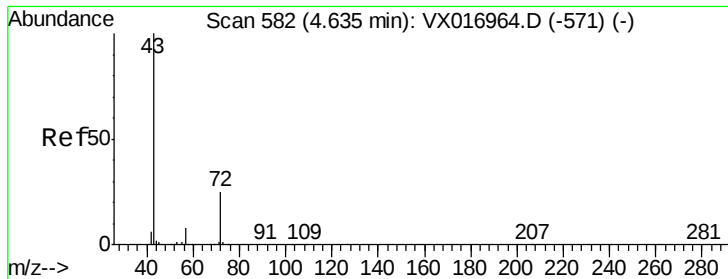
98 6.9 3.6 10.8

100 4.2 2.1 6.3



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

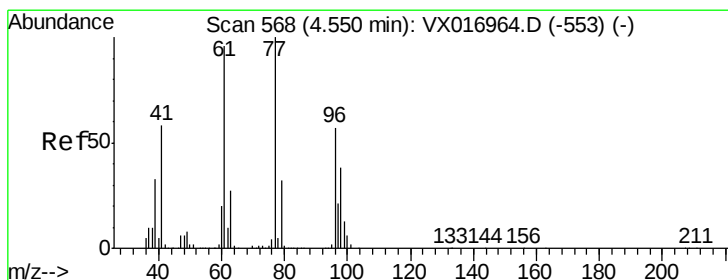
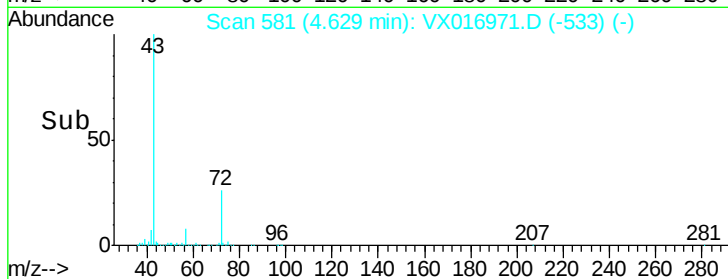
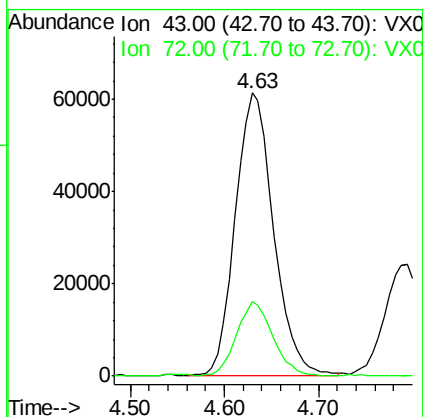
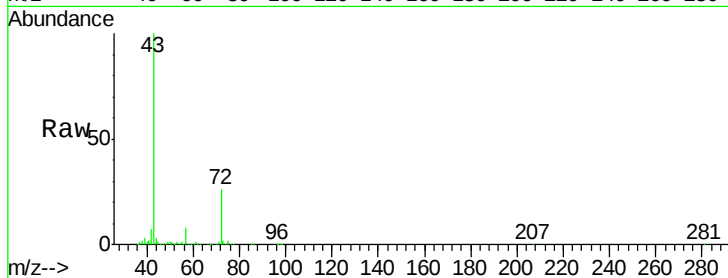




#25
2-Butanone
Concen: 86.540 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

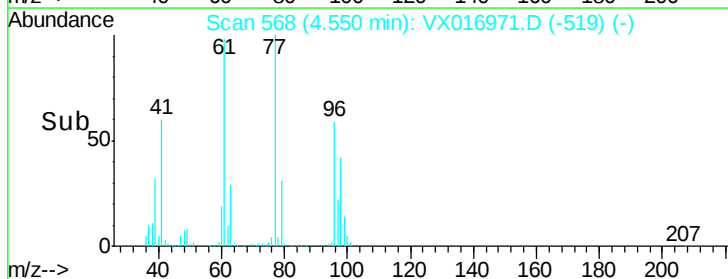
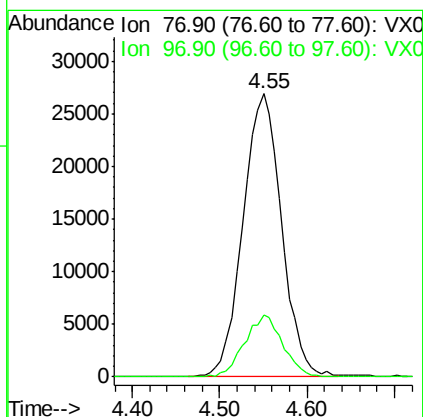
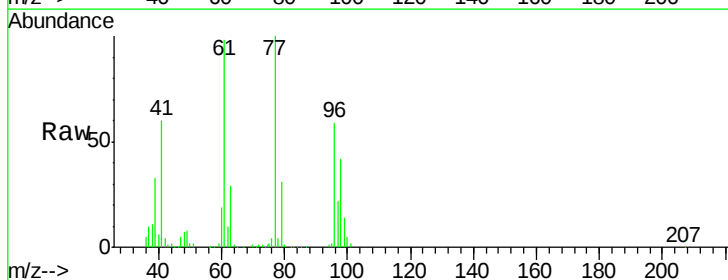
Instrument :
MSVOA_X
ClientSampleId :

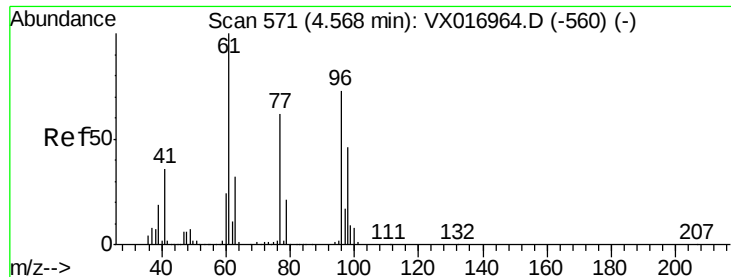
Tot Ion: 43 Resp: 173521
Ion Ratio Lower Upper
43 100
72 26.1 20.0 30.0



#26
2,2-Dichloropropane
Concen: 20.177 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 77 Resp: 82559
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.5



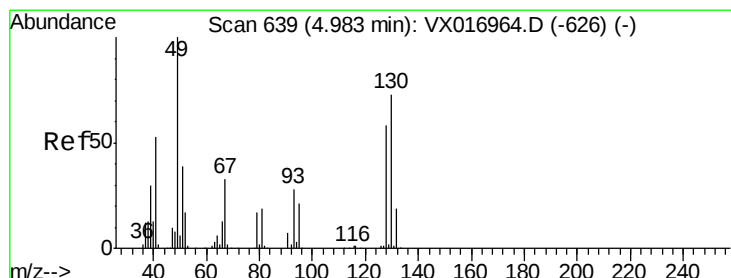
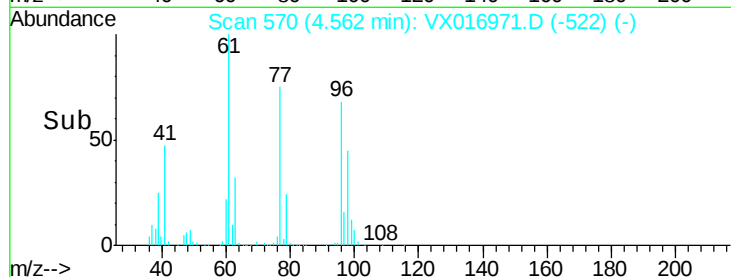
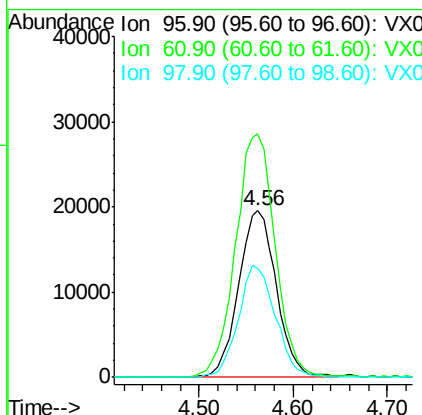
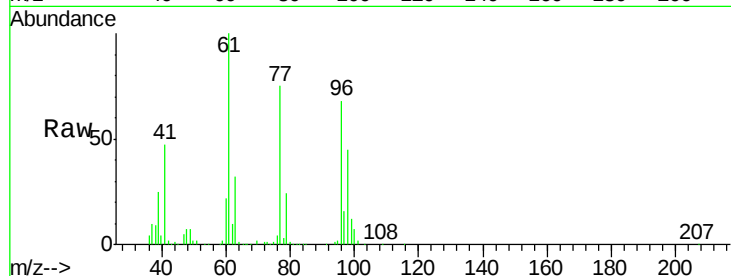


#27

cis-1,2-Dichloroethene
Concen: 17.792 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampled :

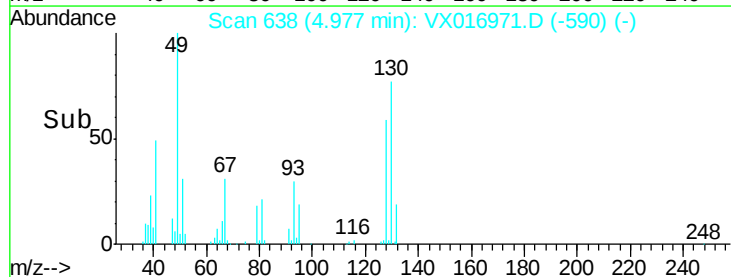
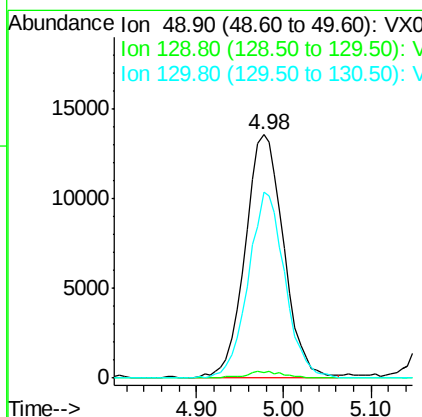
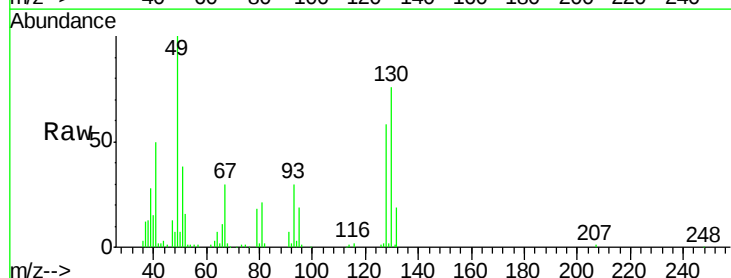
Tot Ion	96	Resp	54875
Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	307.2
98	66.2	0.0	128.4

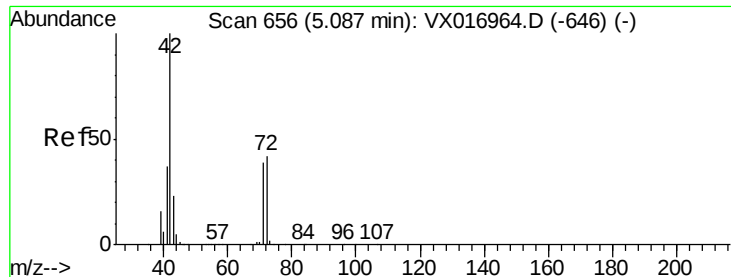


#28

Bromochloromethane
Concen: 17.593 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	49	Resp	41585
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	72.7	58.7	88.1





#29

Tetrahydrofuran

Concen: 86.947 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

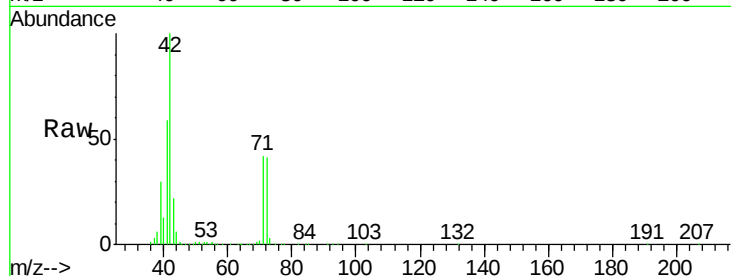
Tot Ion: 42 Resp: 114607

Ion Ratio Lower Upper

42 100

72 42.9 34.1 51.1

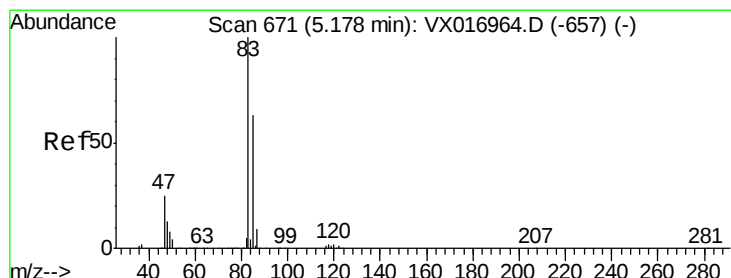
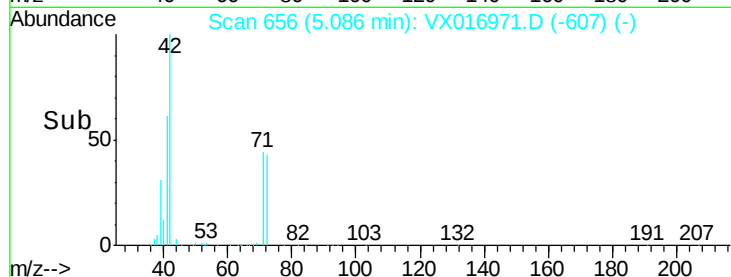
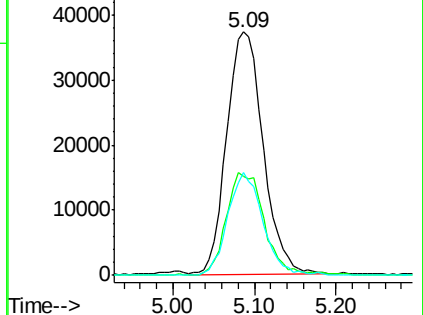
71 40.7 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.222 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016971.D

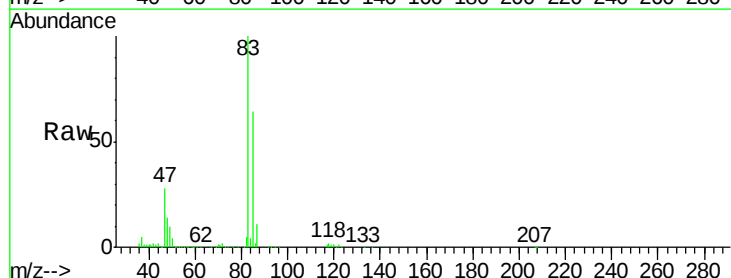
Acq: 26 Jun 2020 10:28

Tgt Ion: 83 Resp: 92573

Ion Ratio Lower Upper

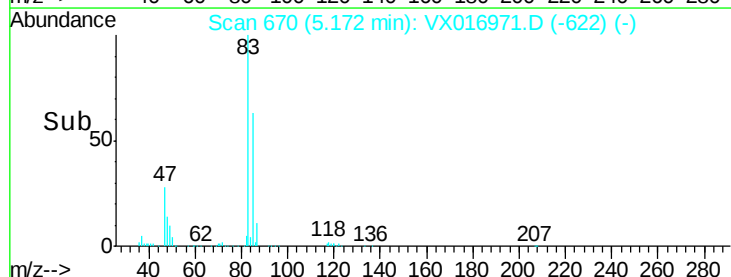
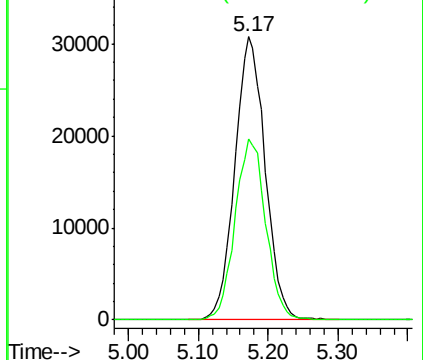
83 100

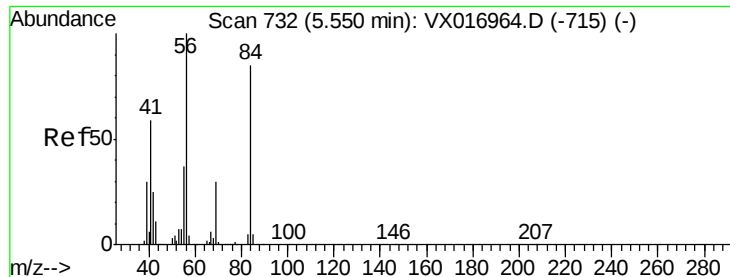
85 63.5 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

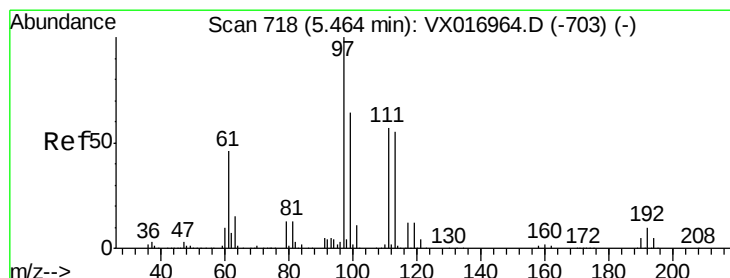
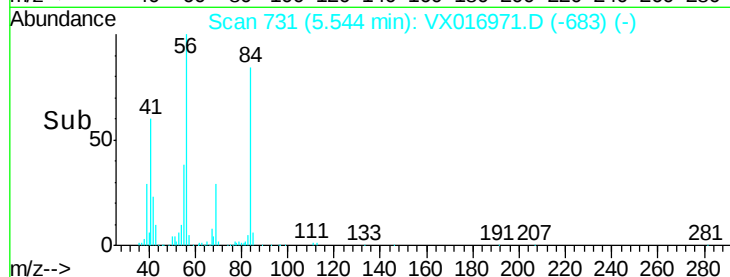
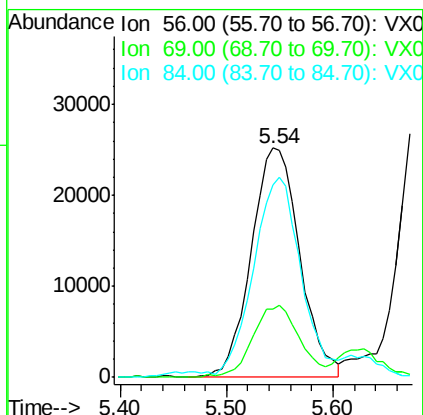
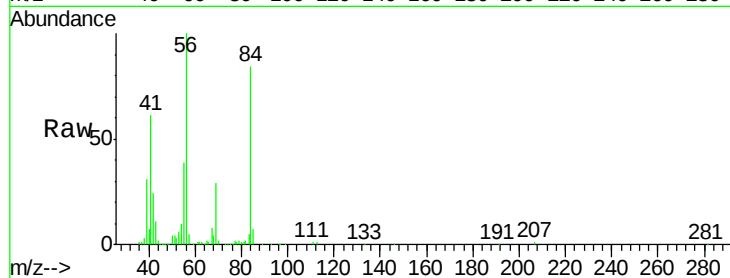




#31
Cyclohexane
Concen: 18.872 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

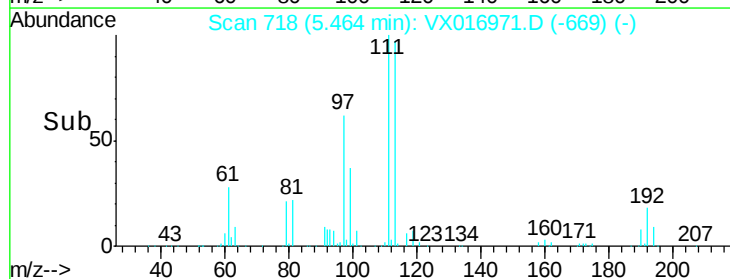
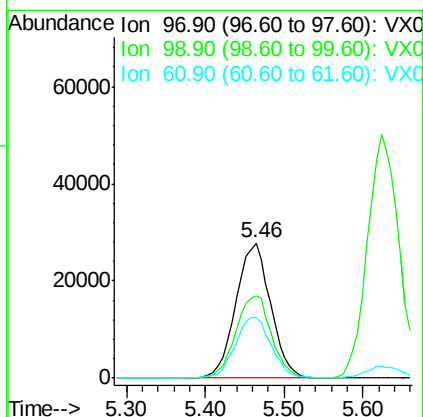
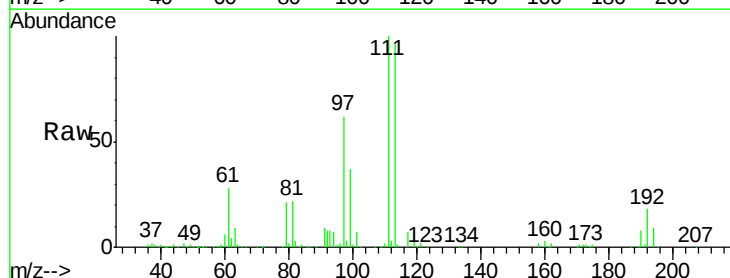
Instrument :
MSVOA_X
ClientSampleId :

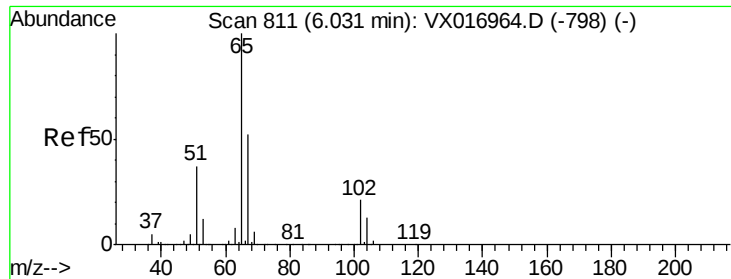
Tot Ion: 56 Resp: 79745
Ion Ratio Lower Upper
56 100
69 29.5 23.6 35.4
84 82.0 67.8 101.8



#32
1,1,1-Trichloroethane
Concen: 18.616 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 97 Resp: 84729
Ion Ratio Lower Upper
97 100
99 62.7 51.4 77.2
61 47.2 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 49.951 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

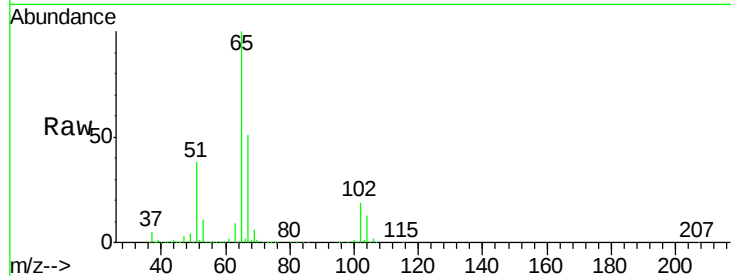
ClientSampleId :

Tot Ion: 65 Resp: 168114

Ion Ratio Lower Upper

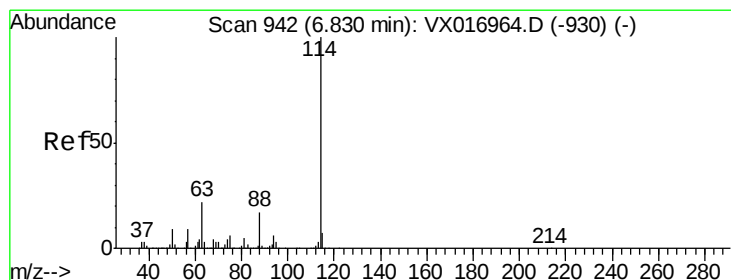
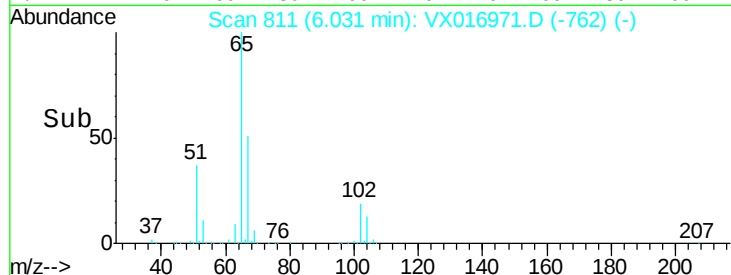
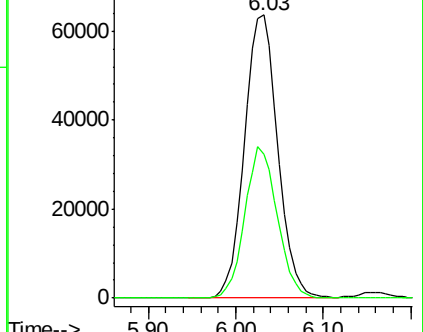
65 100

67 52.2 0.0 102.8



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: VX016971.D

Acq: 26 Jun 2020 10:28

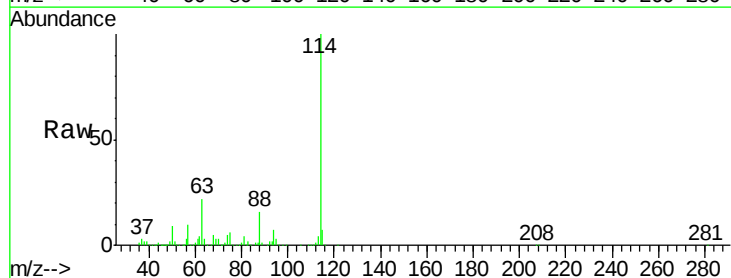
Tgt Ion: 114 Resp: 369453

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.4

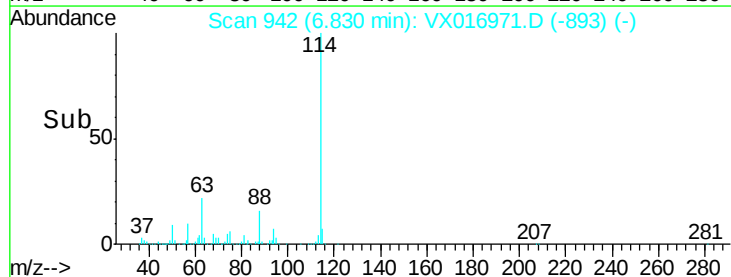
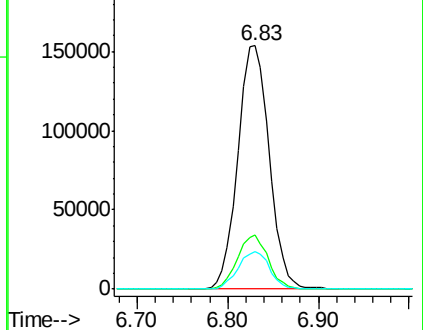
88 15.6 0.0 33.2

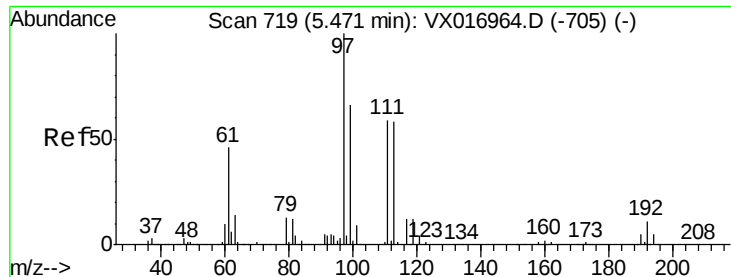


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

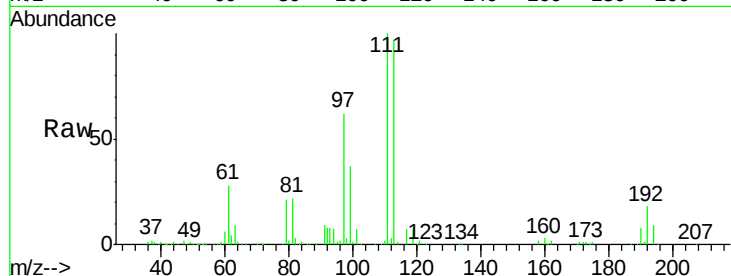




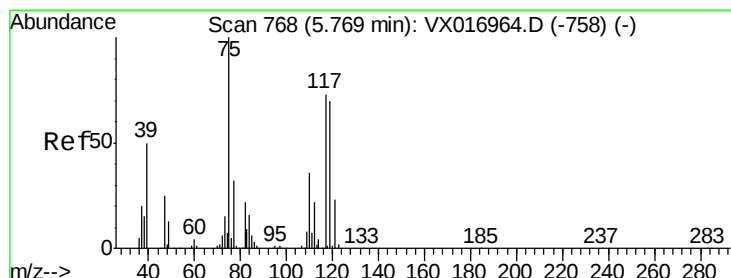
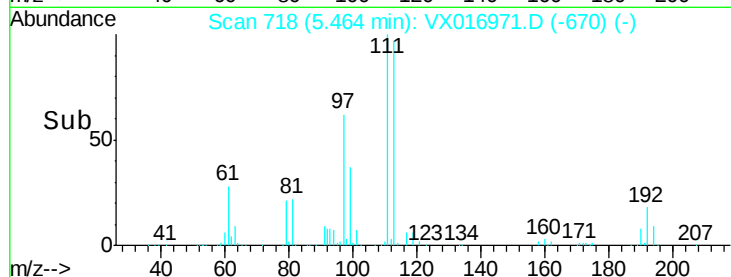
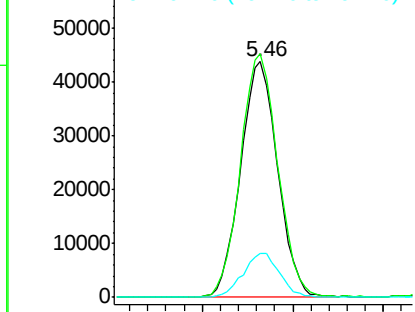
#35
Dibromofluoromethane
Concen: 50.908 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 124223
Ion Ratio Lower Upper
113 100
111 103.9 84.3 126.5
192 18.6 15.2 22.8

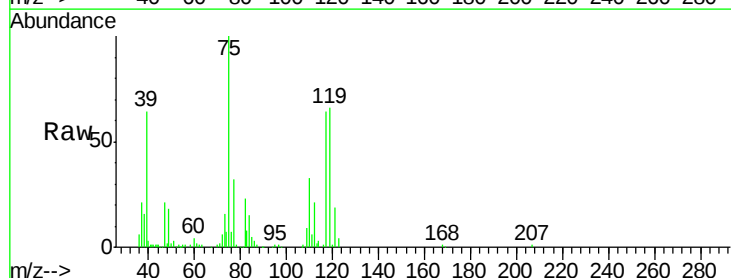


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

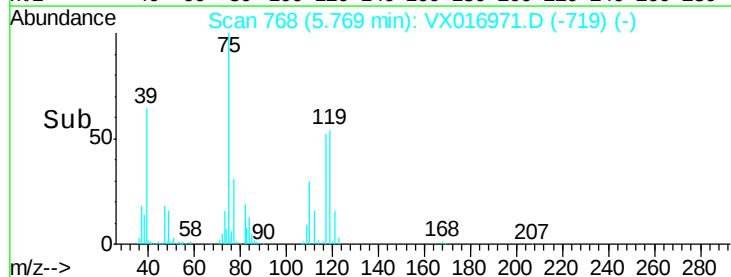
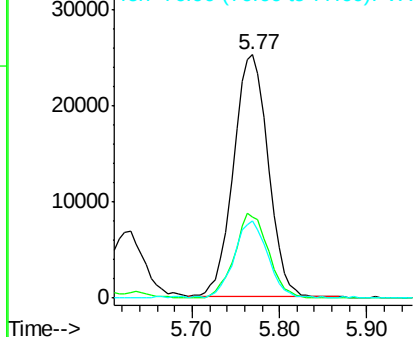


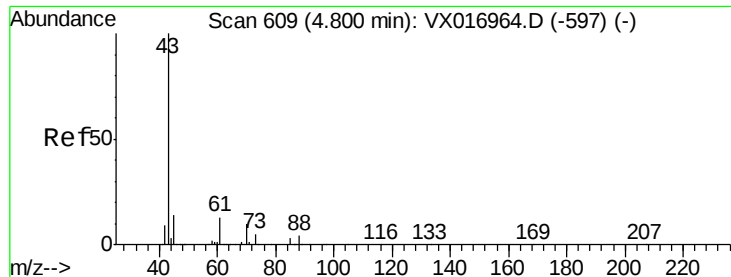
#36
1,1-Dichloropropene
Concen: 18.954 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 75 Resp: 69339
Ion Ratio Lower Upper
75 100
110 34.2 17.2 51.6
77 30.7 24.7 37.1



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

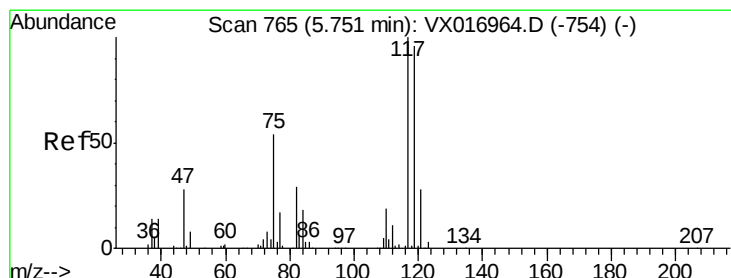
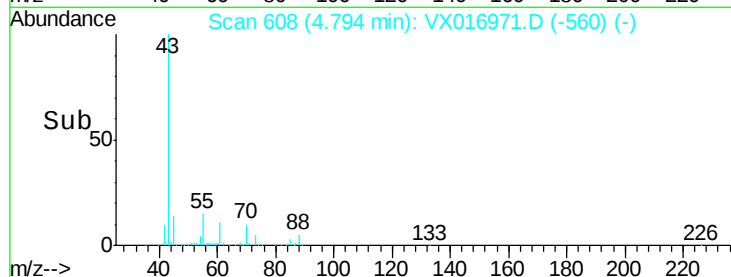
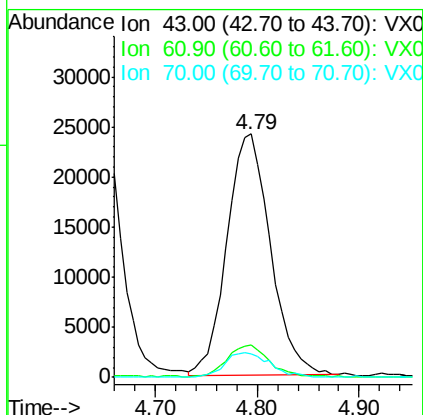
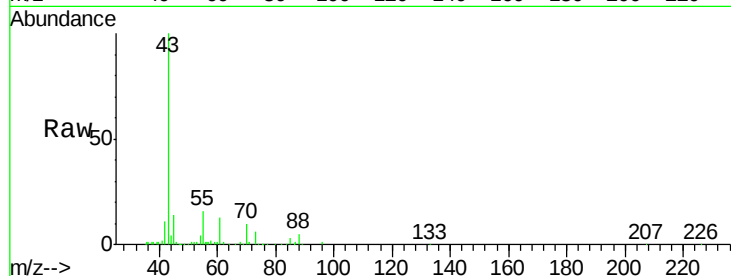




#37
Ethyl Acetate
Concen: 18.044 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

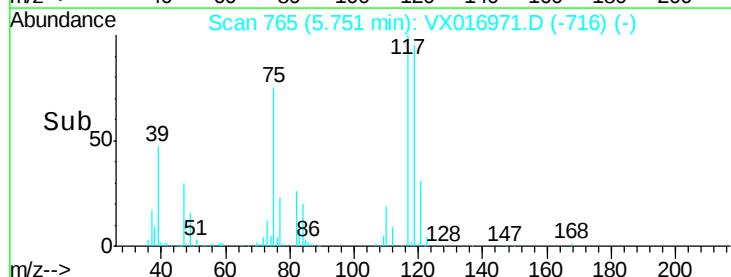
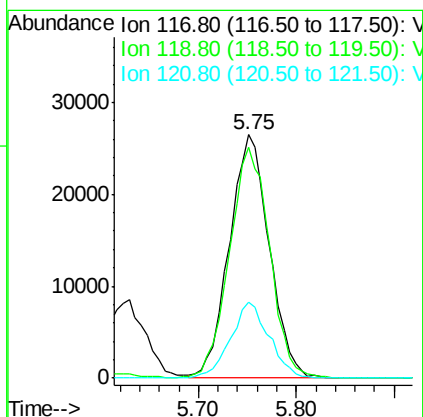
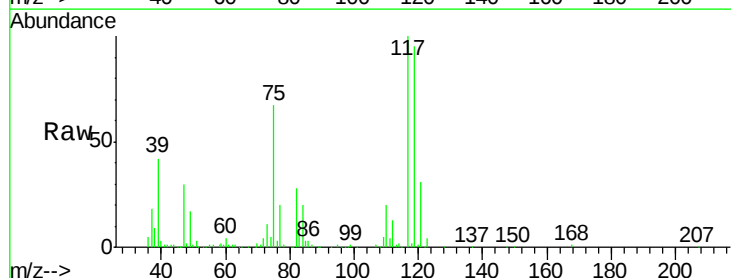
Instrument :
MSVOA_X
ClientSampleId :

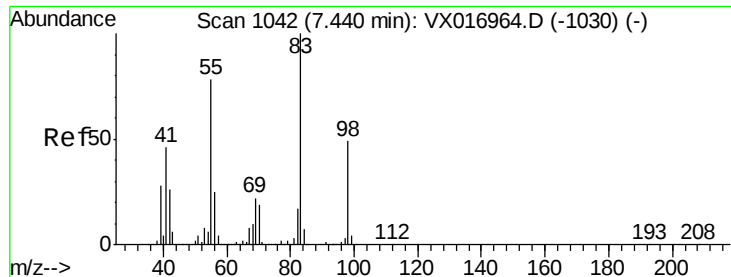
Tot Ion: 43 Resp: 70941
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 10.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 19.455 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 117 Resp: 75323
Ion Ratio Lower Upper
117 100
119 94.5 76.6 114.8
121 31.1 22.5 33.7

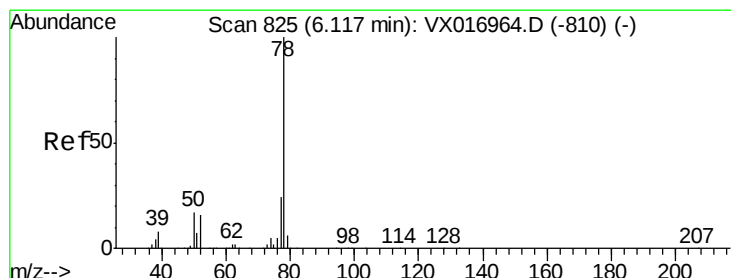
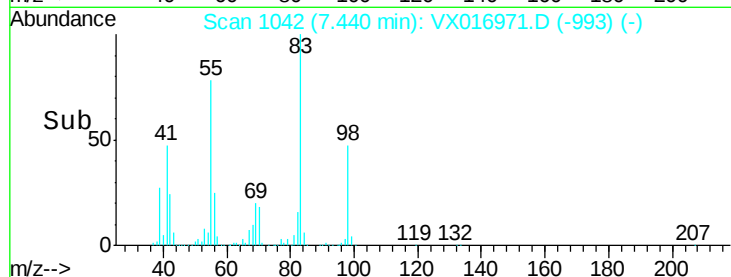
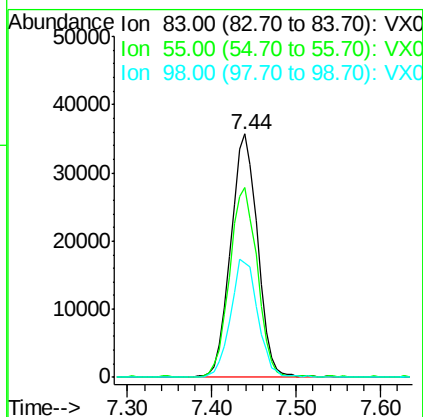
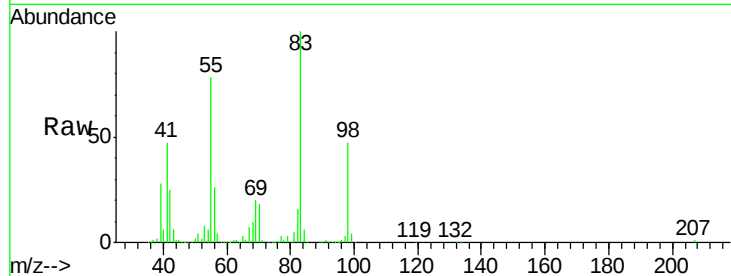




#39
Methvlcvclohexane
Concen: 19.521 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

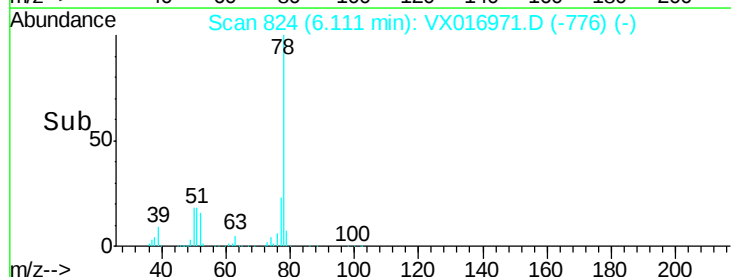
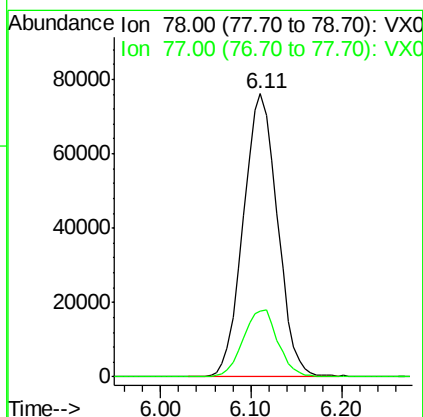
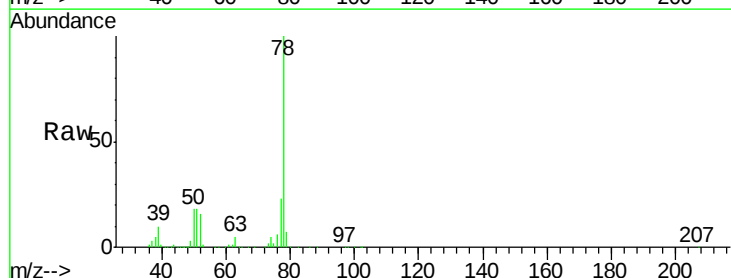
Instrument :
MSVOA_X
ClientSampled :

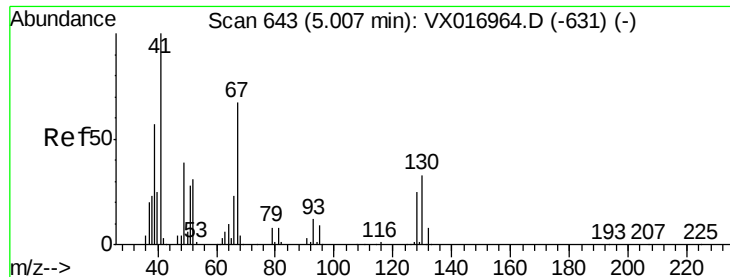
Tot Ion: 83 Resp: 77276
Ion Ratio Lower Upper
83 100
55 77.8 62.4 93.6
98 47.1 39.4 59.0



#40
Benzene
Concen: 18.857 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 78 Resp: 198660
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3





#41

Methacrylonitrile

Concen: 18.006 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 39448

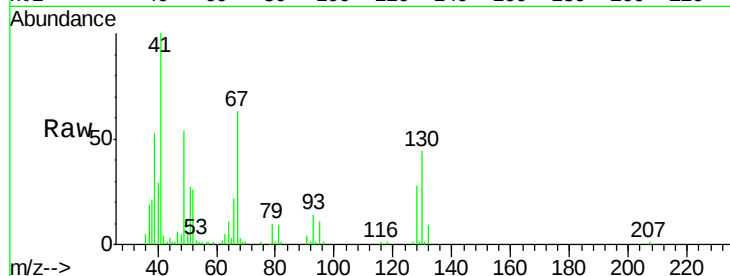
Ion Ratio Lower Upper

41 100

39 54.2 46.6 70.0

67 67.5 57.0 85.6

52 31.0 25.0 37.4

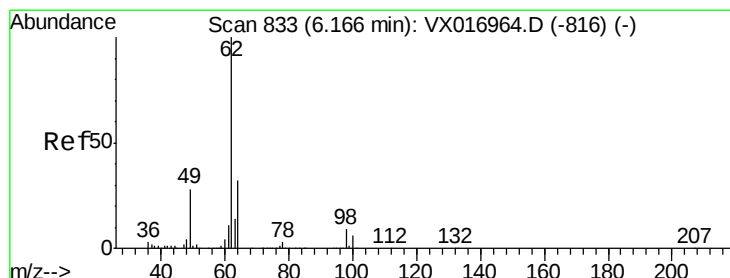
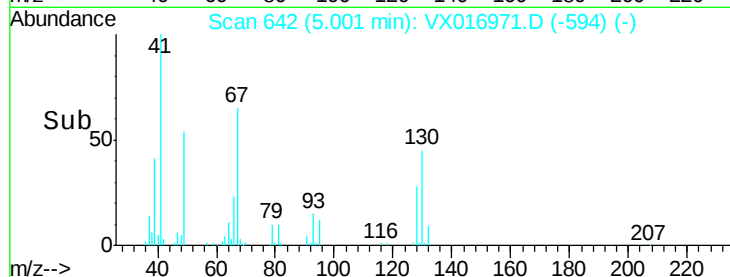
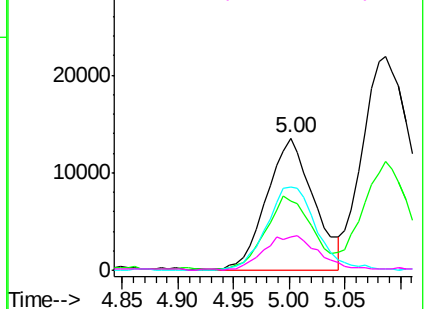


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.244 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016971.D

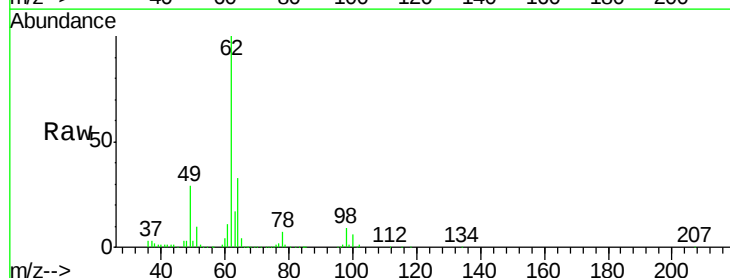
Acq: 26 Jun 2020 10:28

Tgt Ion: 62 Resp: 79654

Ion Ratio Lower Upper

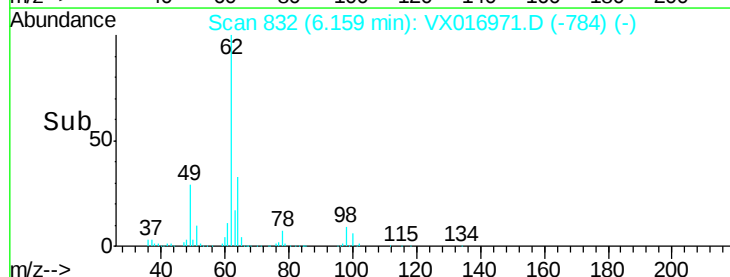
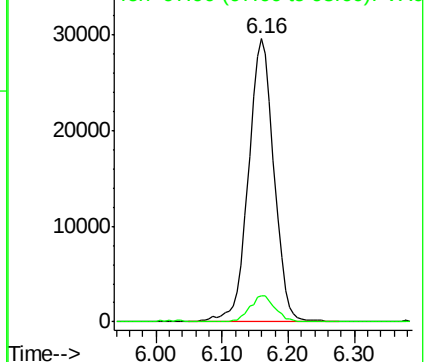
62 100

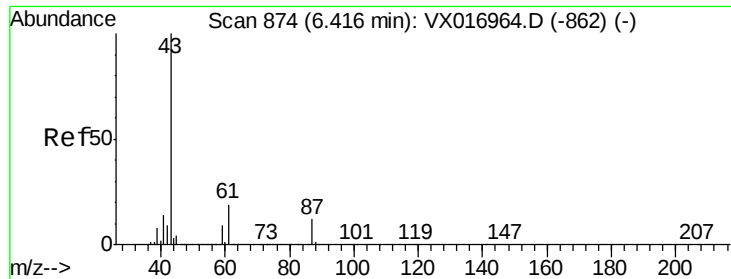
98 9.2 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



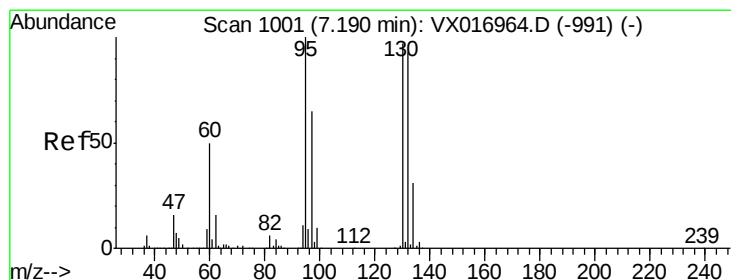
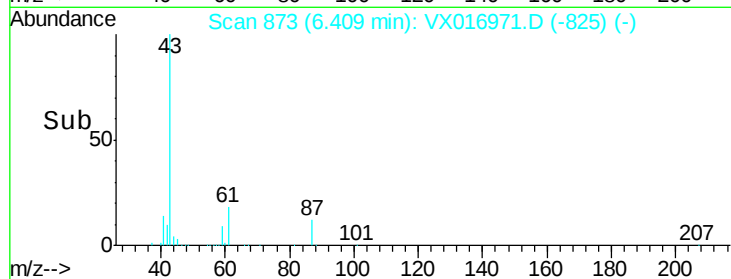
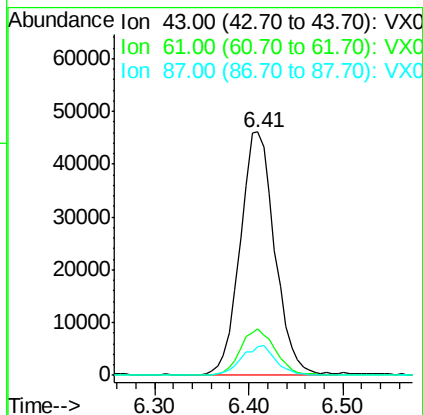
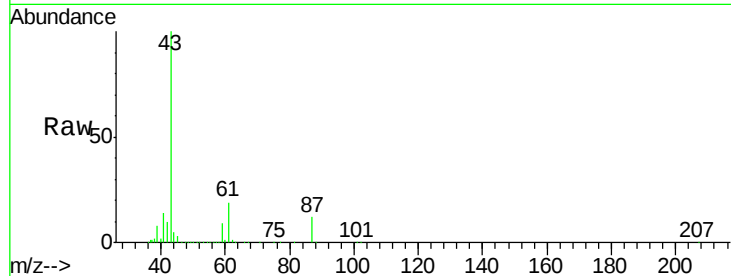


#43

Isopropyl Acetate
 Concen: 17.811 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :

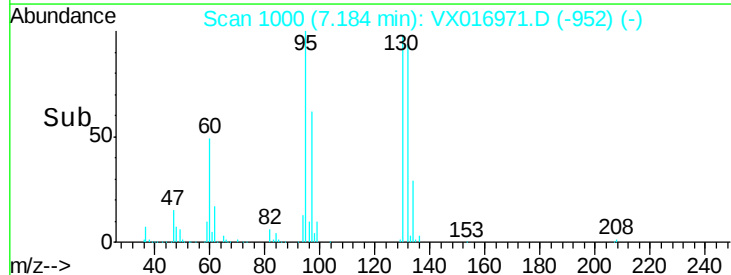
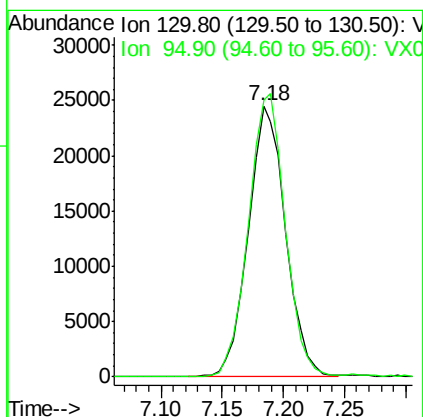
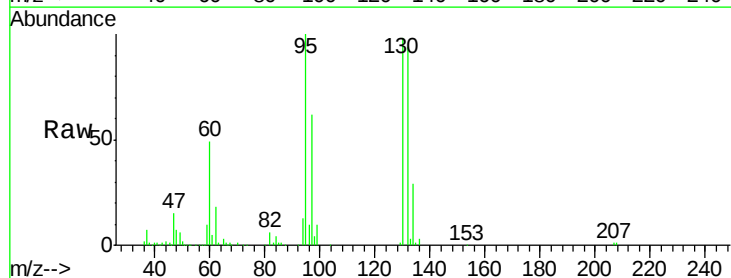
Tot Ion	43	Resp	117798
Ion Ratio	Lower	Upper	
43	100		
61	19.4	15.0	22.6
87	12.4	10.0	15.0

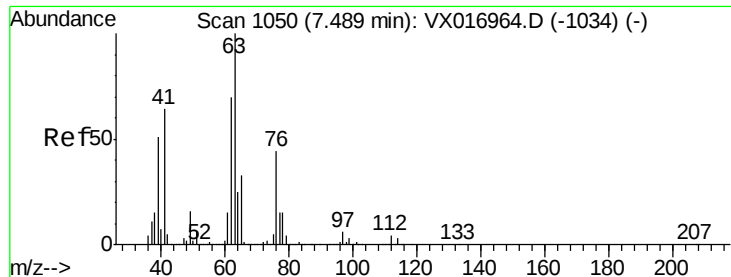


#44

Trichloroethene
 Concen: 18.540 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Tgt Ion	130	Resp	51995
Ion Ratio	Lower	Upper	
130	100		
95	102.4	0.0	206.6





#45

1,2-Dichloropropane

Concen: 18.624 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

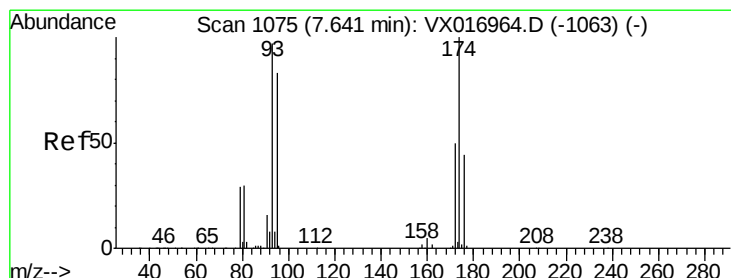
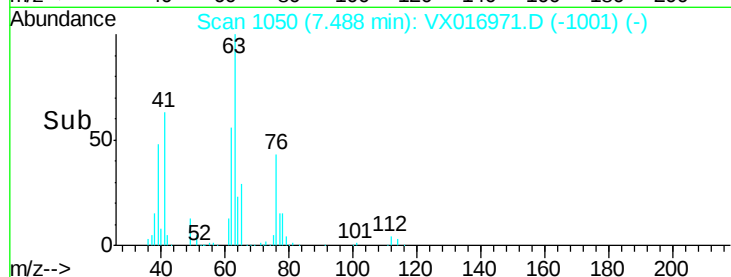
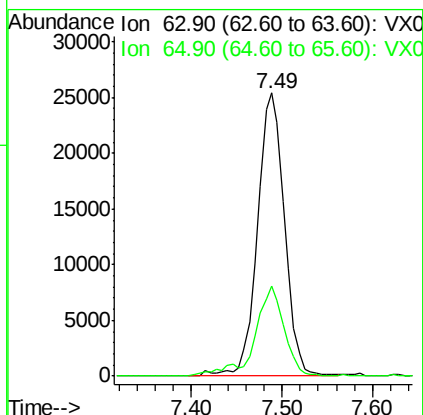
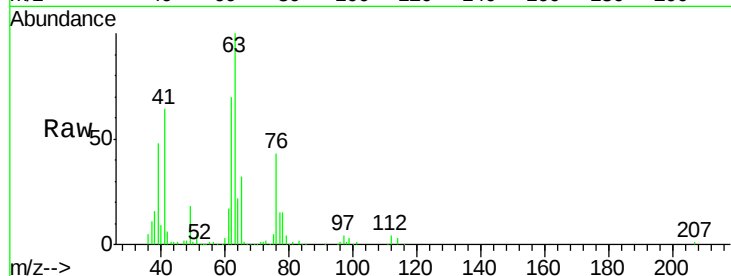
ClientSampled :

Tot Ion: 63 Resp: 52454

Ion Ratio Lower Upper

63 100

65 31.6 26.1 39.1



#46

Dibromomethane

Concen: 18.366 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

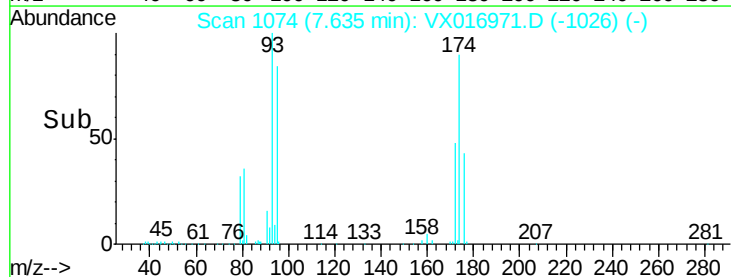
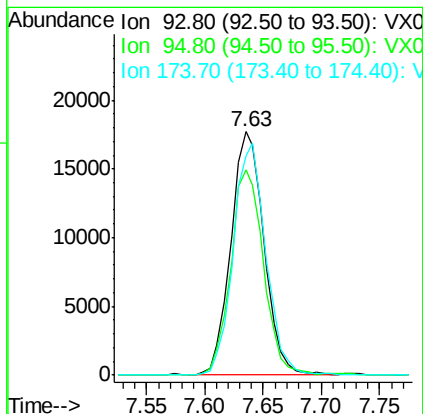
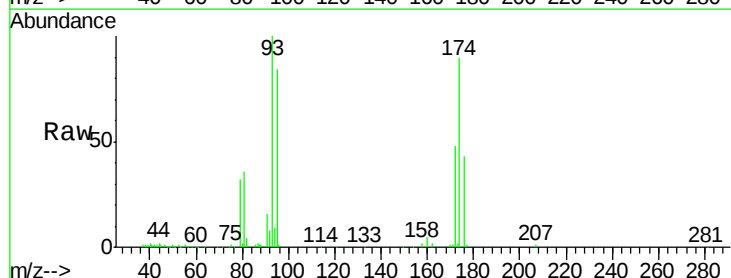
Tgt Ion: 93 Resp: 35139

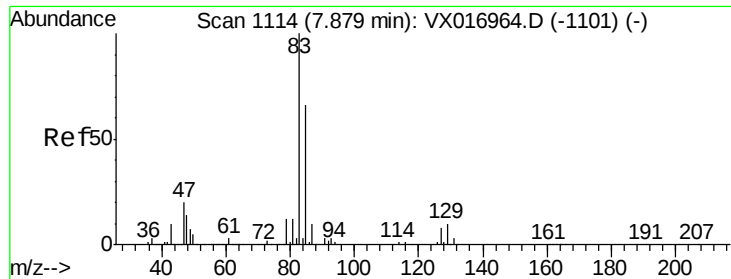
Ion Ratio Lower Upper

93 100

95 83.3 67.5 101.3

174 93.3 75.0 112.4





#47

Bromodichloromethane

Concen: 18.534 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampled :

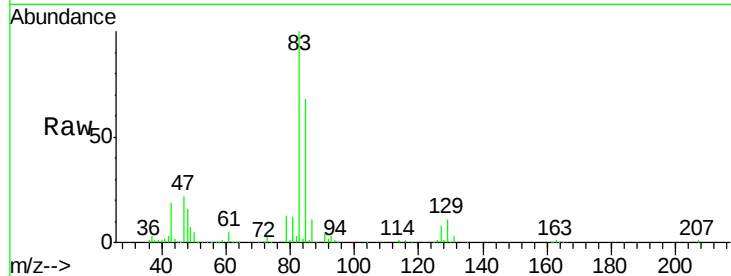
Tot Ion: 83 Resp: 74169

Ion Ratio Lower Upper

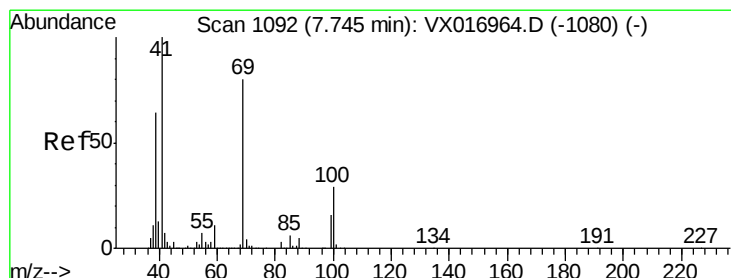
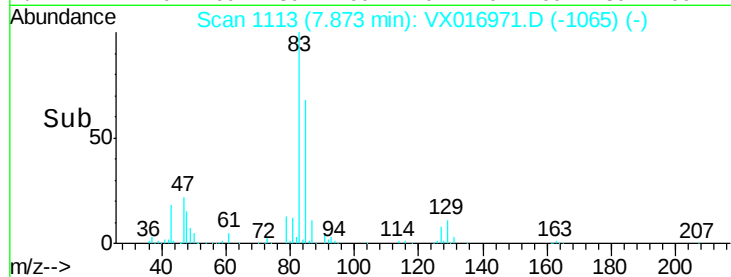
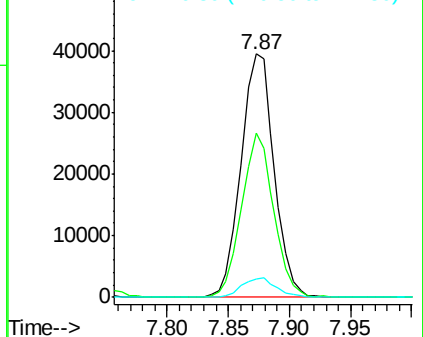
83 100

85 67.7 53.1 79.7

127 7.7 6.8 10.2



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: 17.790 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

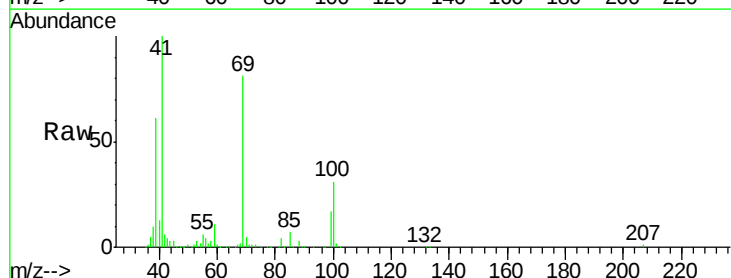
Tgt Ion: 41 Resp: 54944

Ion Ratio Lower Upper

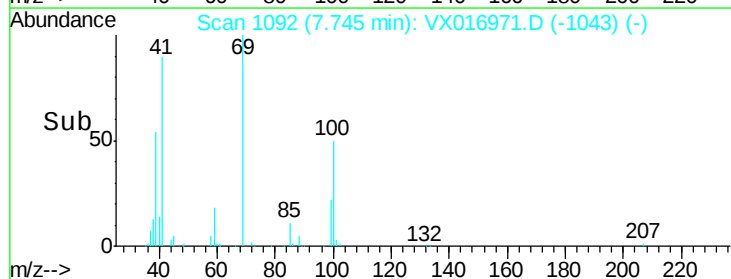
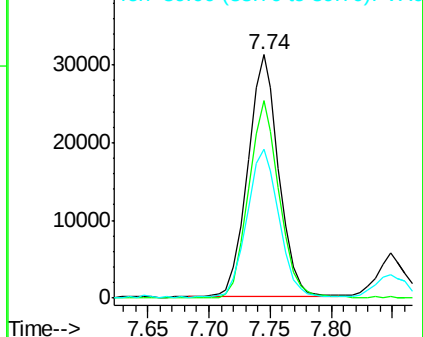
41 100

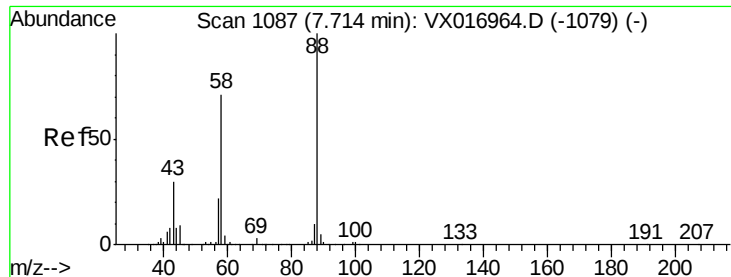
69 80.9 62.7 94.1

39 62.6 49.6 74.4



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

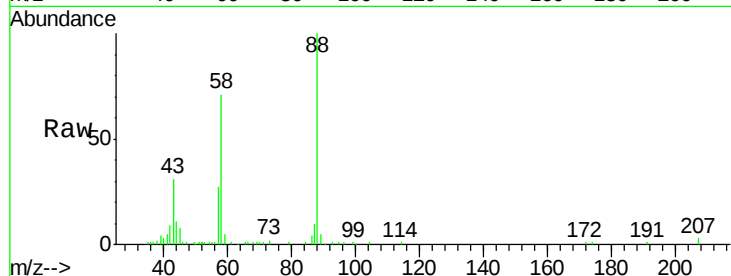




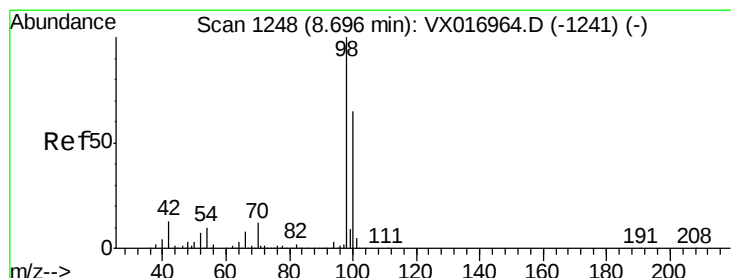
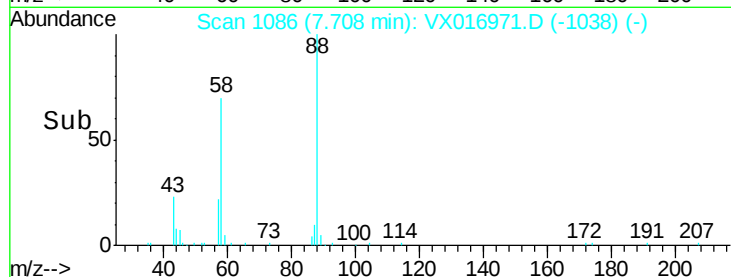
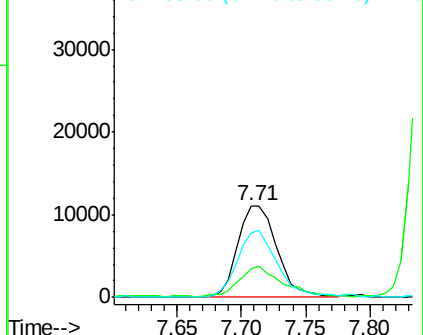
#49
1,4-Dioxane
Concen: 364.588 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 23422
Ion Ratio Lower Upper
88 100
43 36.3 28.1 42.1
58 73.7 56.1 84.1

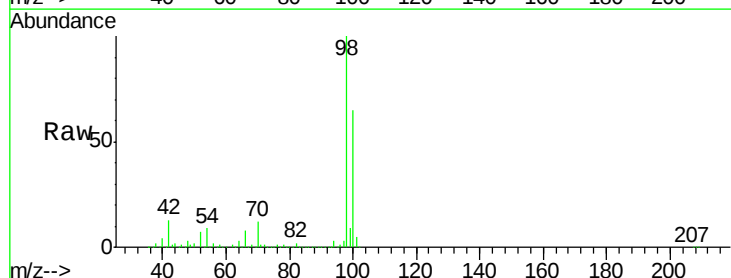


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

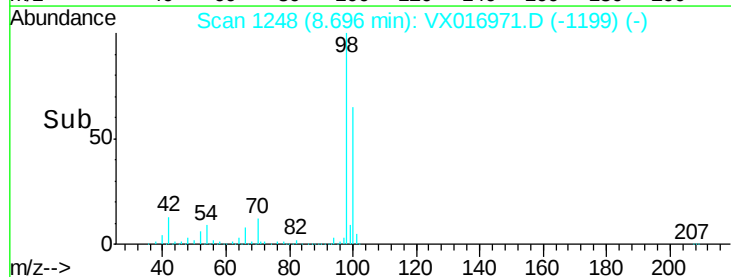
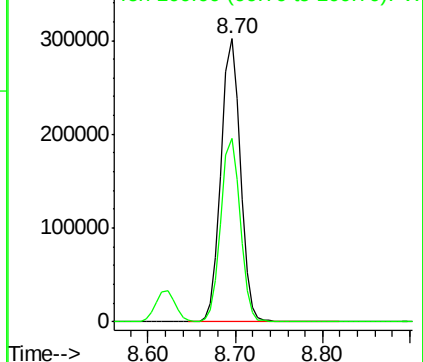


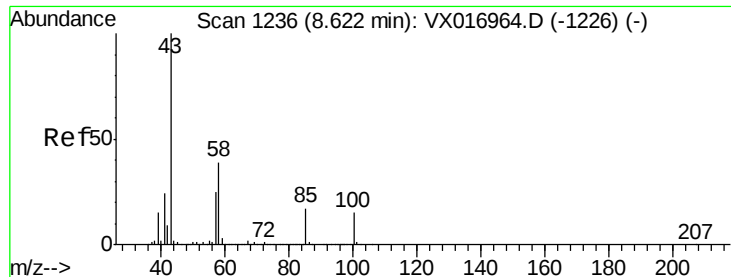
#50
Toluene-d8
Concen: 51.692 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 98 Resp: 462366
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 92.395 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

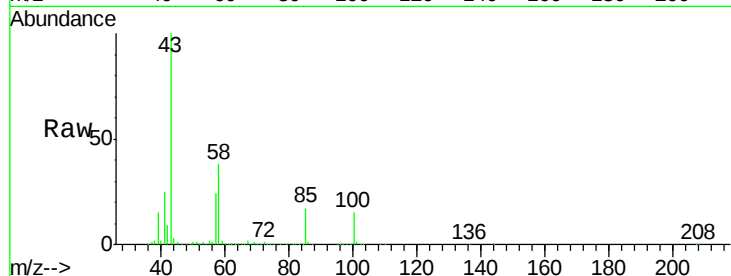
ClientSampleId :

Tot Ion: 43 Resp: 349738

Ion Ratio Lower Upper

43 100

58 37.8 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

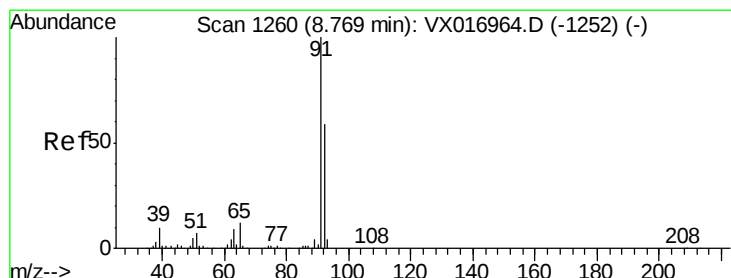
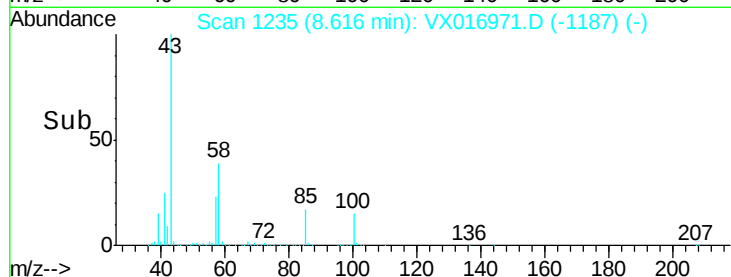
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.873 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016971.D

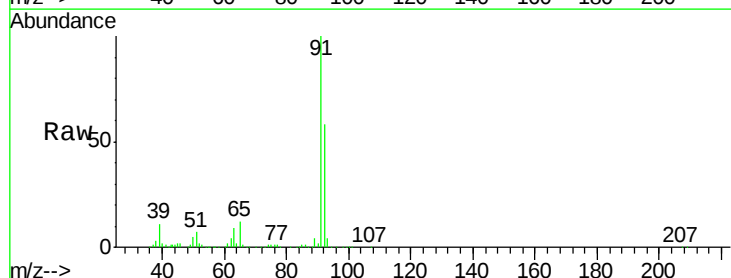
Acq: 26 Jun 2020 10:28

Tgt Ion: 92 Resp: 122546

Ion Ratio Lower Upper

92 100

91 171.6 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

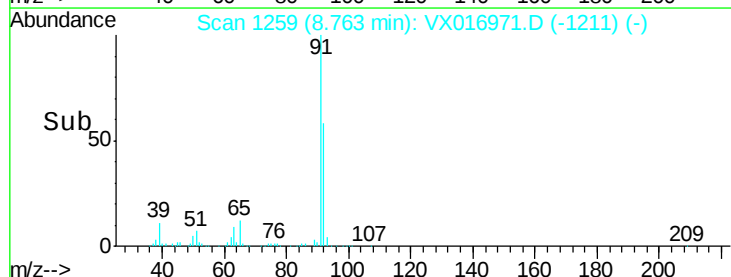
150000

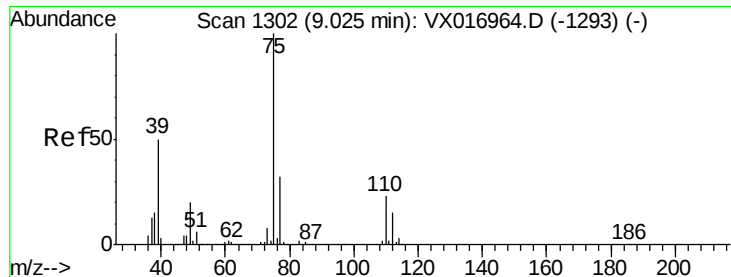
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.621 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

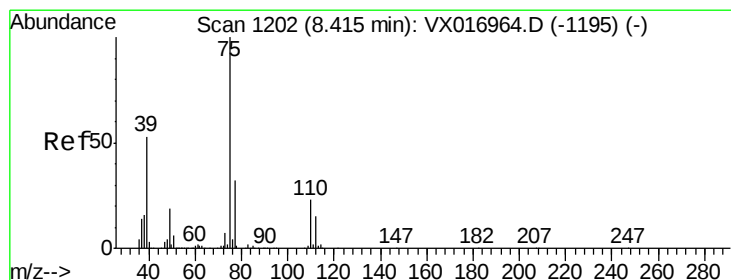
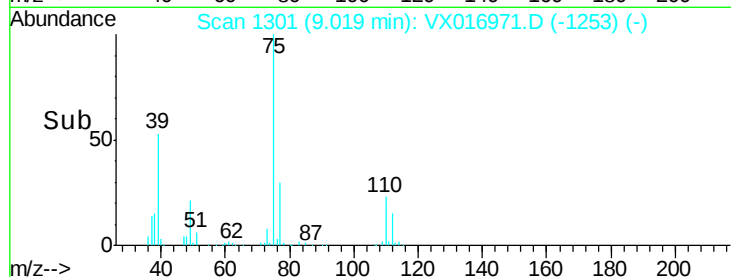
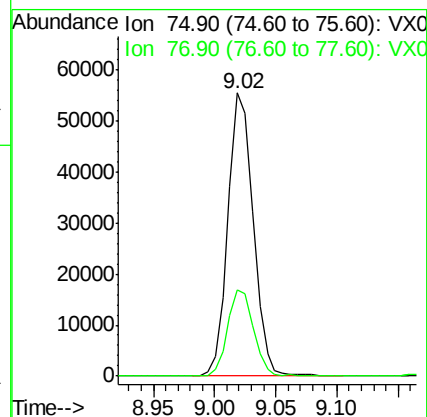
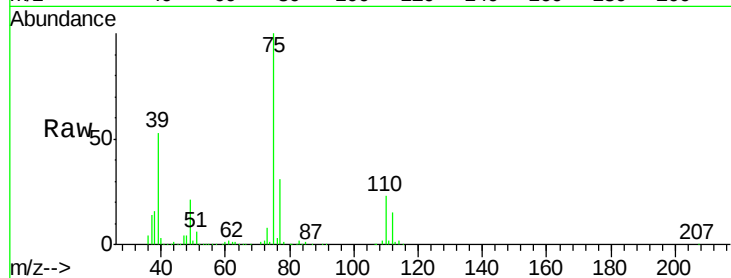
ClientSampleId :

Tot Ion: 75 Resp: 79798

Ion Ratio Lower Upper

75 100

77 30.4 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 18.756 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

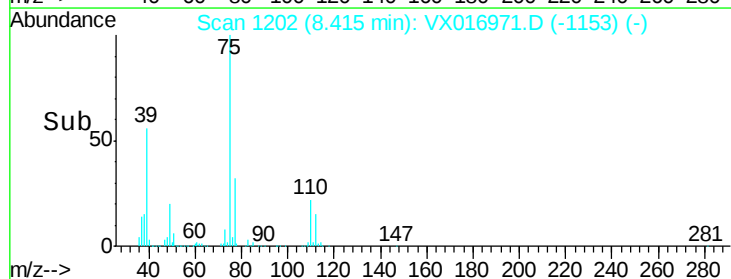
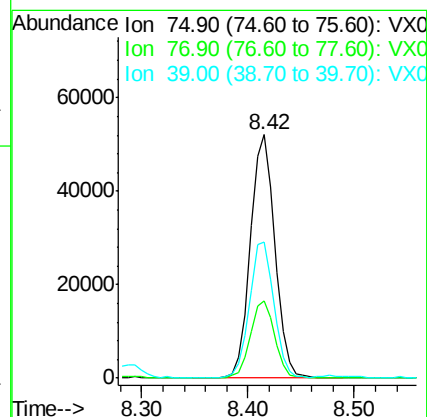
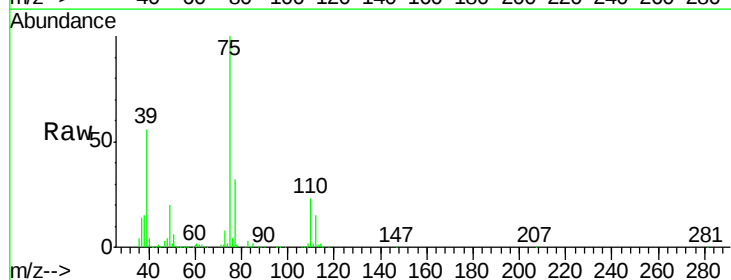
Tgt Ion: 75 Resp: 84496

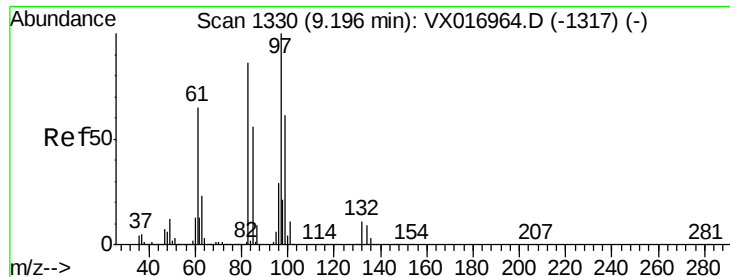
Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 55.7 42.7 64.1

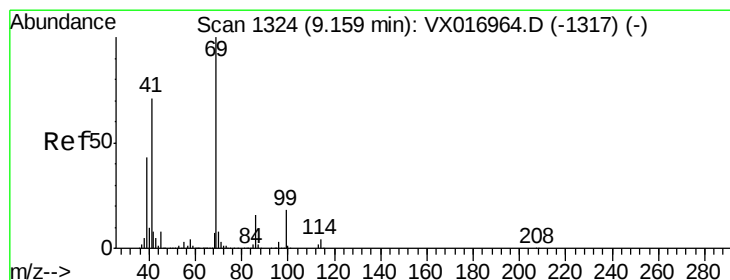
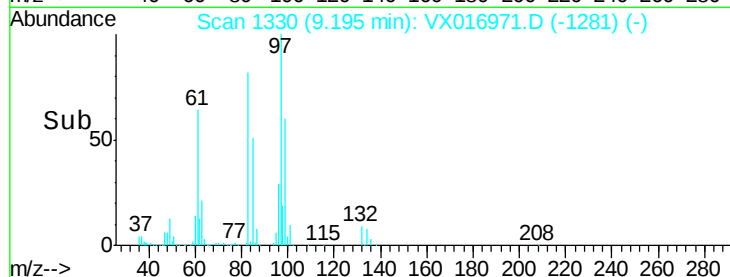
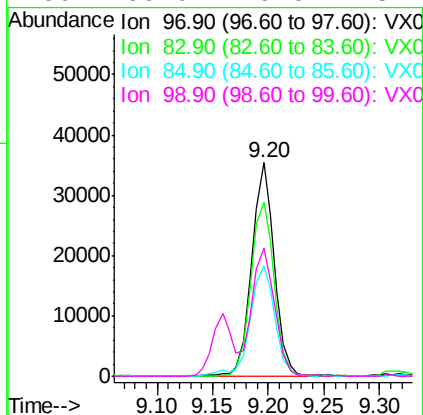
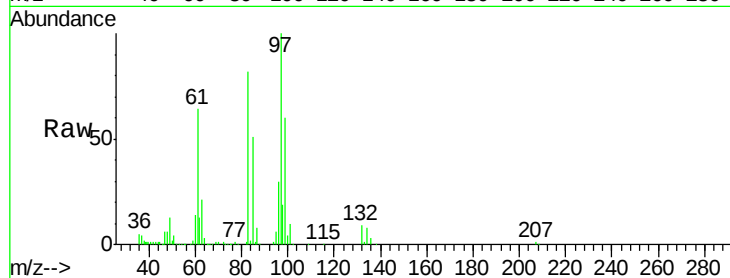




#55
 1,1,2-Trichloroethane
 Concen: 18.743 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

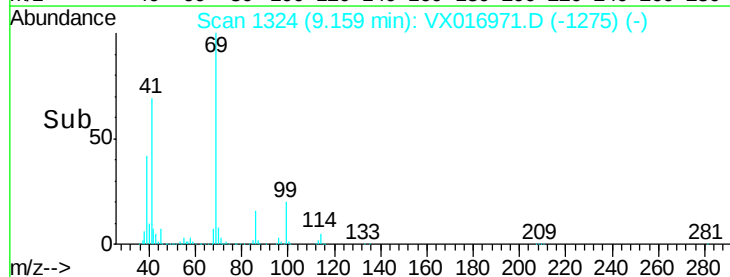
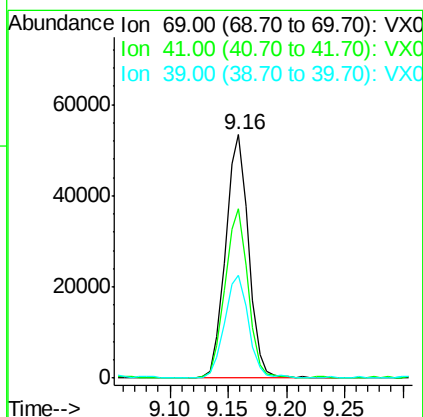
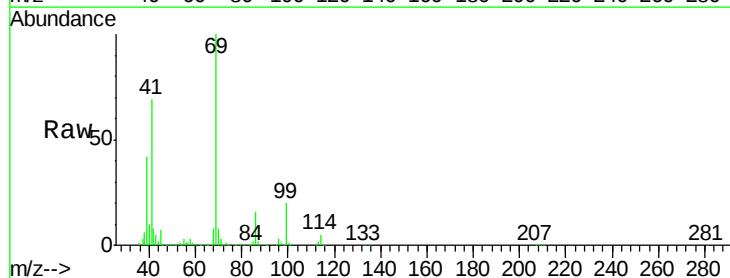
Instrument :
 MSVOA_X
 ClientSampleId :

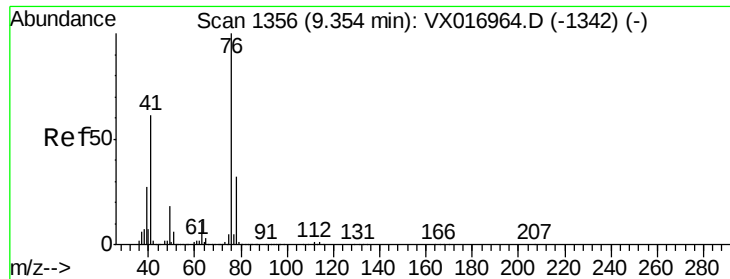
Tot Ion: 97 Resp: 50008
 Ion Ratio Lower Upper
 97 100
 83 81.6 68.6 103.0
 85 51.4 44.5 66.7
 99 60.0 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 18.310 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Tgt Ion: 69 Resp: 73216
 Ion Ratio Lower Upper
 69 100
 41 68.7 55.9 83.9
 39 43.3 34.6 51.8





#57

1,3-Dichloropropane

Concen: 18.746 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

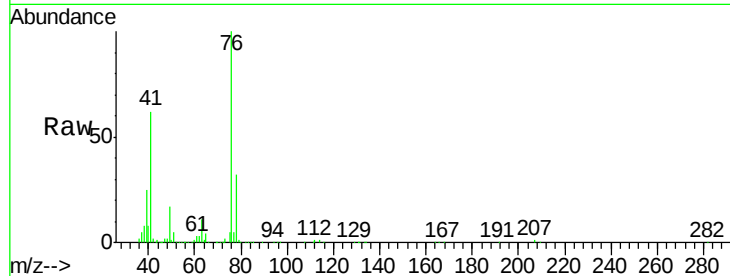
ClientSampleId :

Tot Ion: 76 Resp: 85621

Ion Ratio Lower Upper

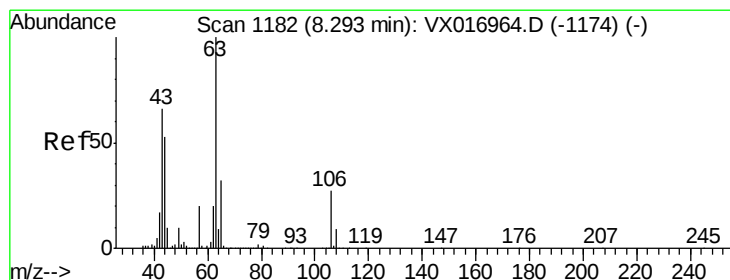
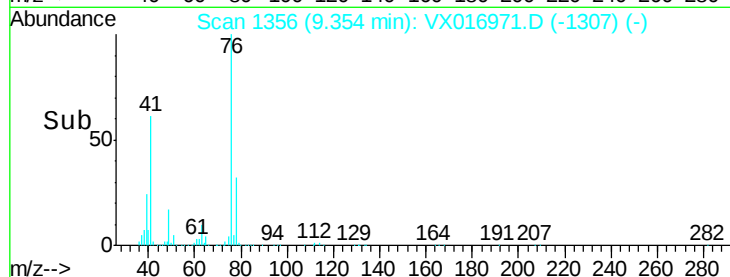
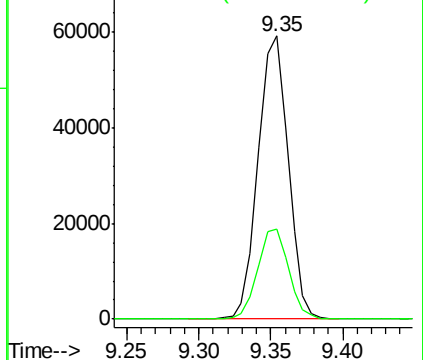
76 100

78 33.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.335 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016971.D

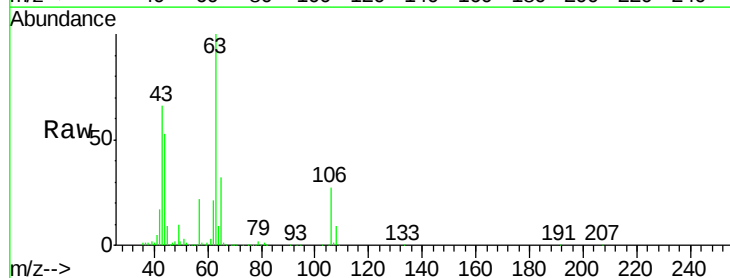
Acq: 26 Jun 2020 10:28

Tgt Ion: 63 Resp: 199020

Ion Ratio Lower Upper

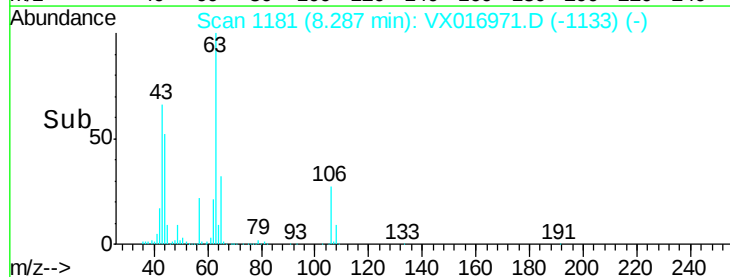
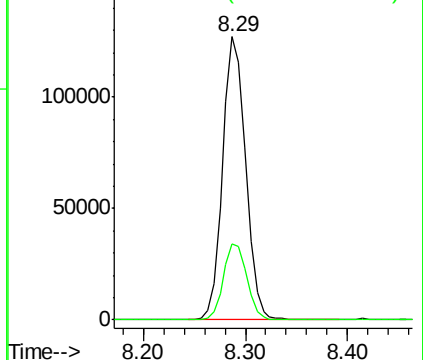
63 100

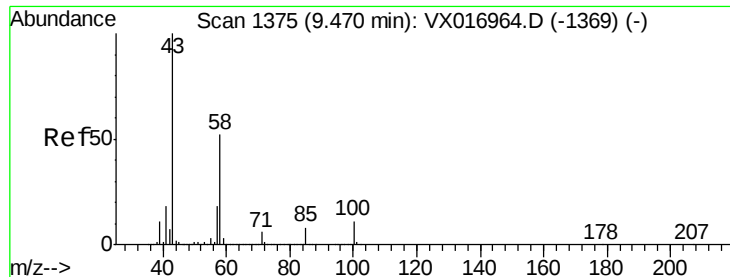
106 27.4 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

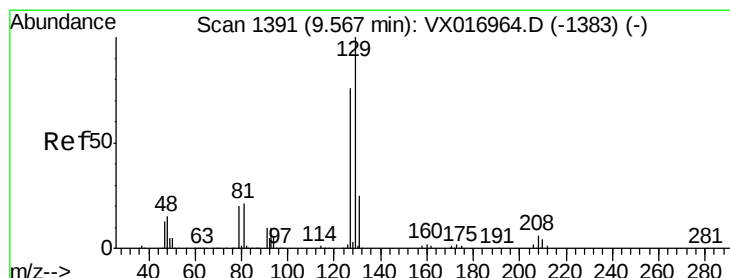
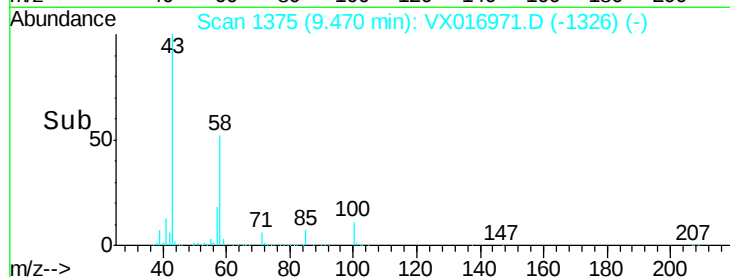
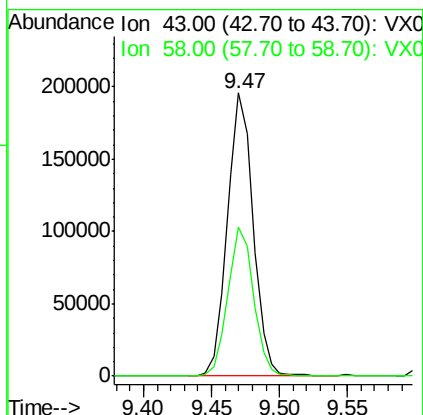
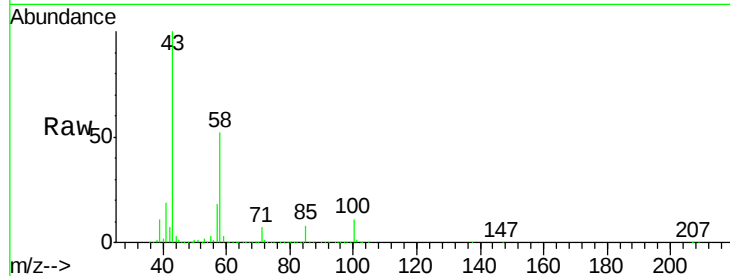




#59
2-Hexanone
Concen: 90.565 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

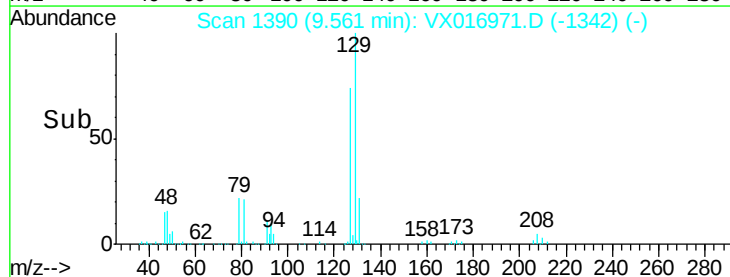
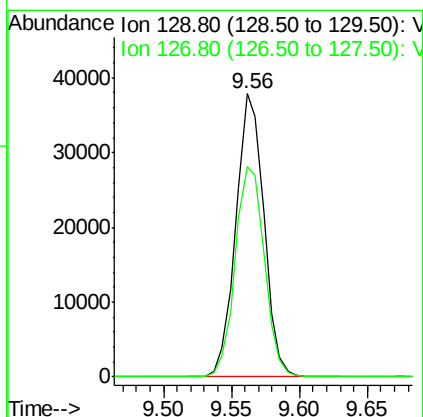
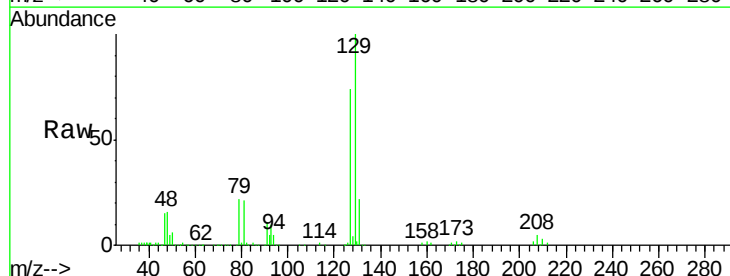
Instrument :
MSVOA_X
ClientSampleId :

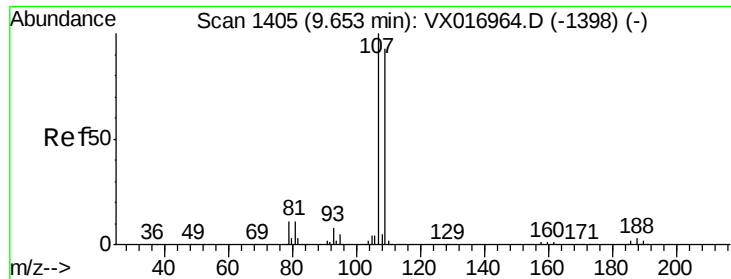
Tot Ion: 43 Resp: 257889
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.9



#60
Dibromochloromethane
Concen: 17.878 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 129 Resp: 54374
Ion Ratio Lower Upper
129 100
127 77.7 38.0 114.0





#61

1,2-Dibromoethane

Concen: 17.902 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

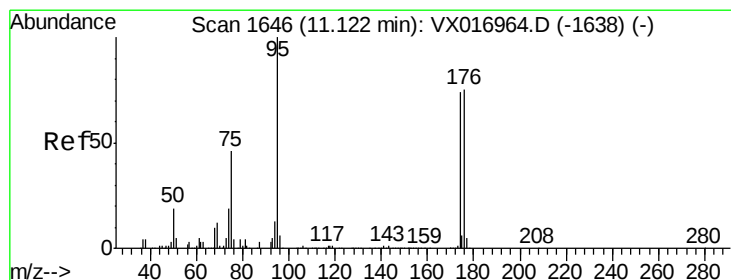
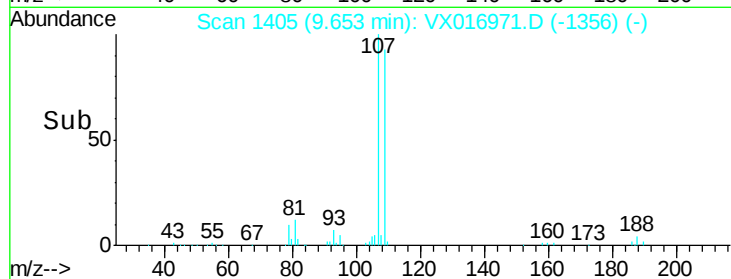
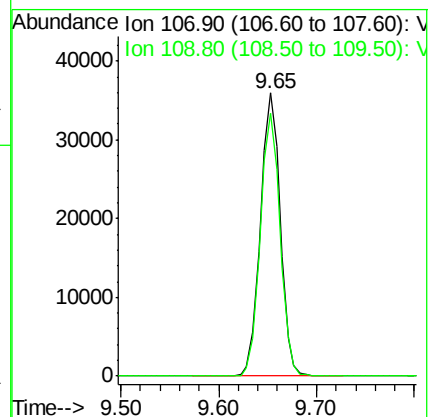
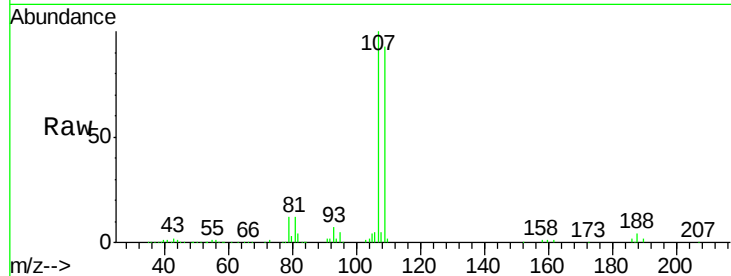
ClientSampleId :

Tot Ion:107 Resp: 50999

Ion Ratio Lower Upper

107 100

109 92.4 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 48.746 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

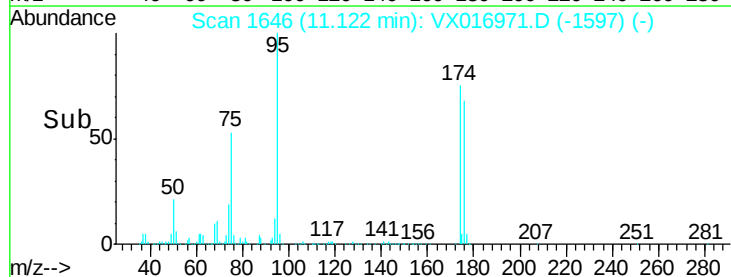
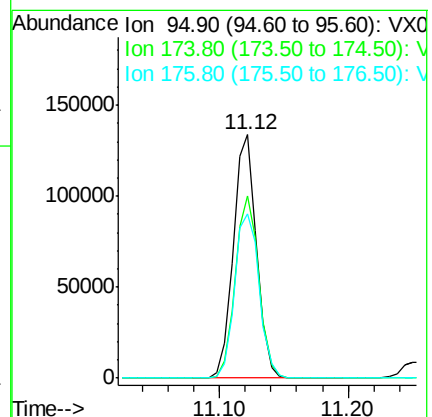
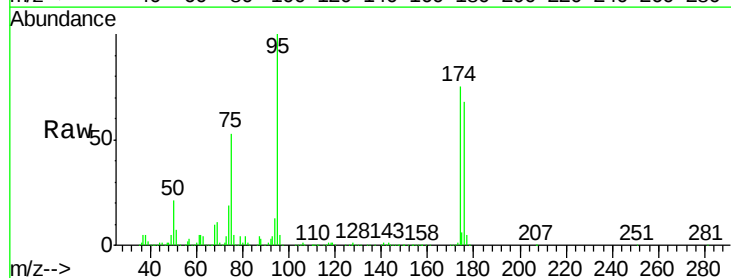
Tgt Ion: 95 Resp: 168603

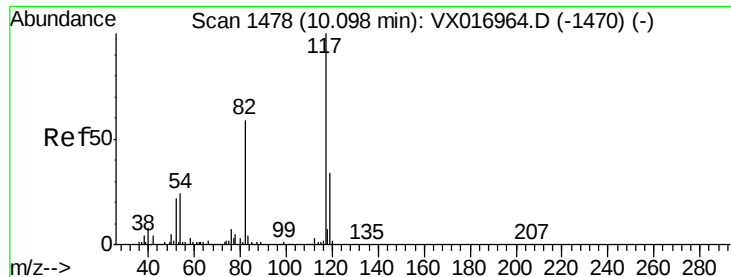
Ion Ratio Lower Upper

95 100

174 76.1 0.0 149.6

176 71.6 0.0 148.2

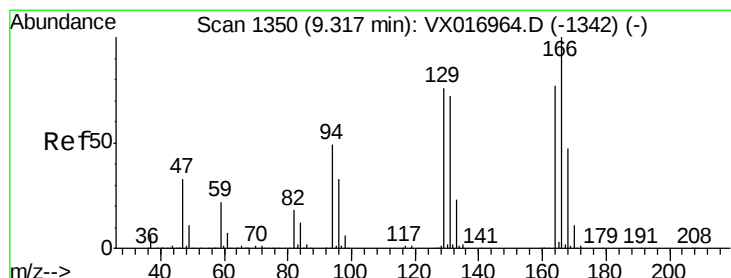
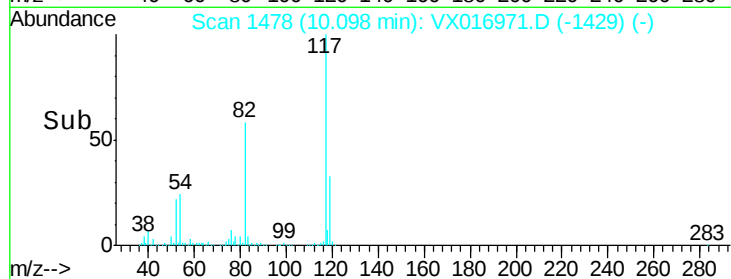
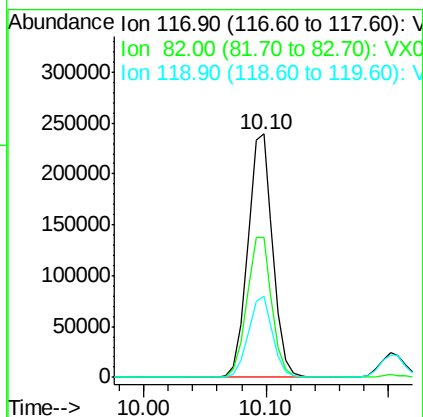
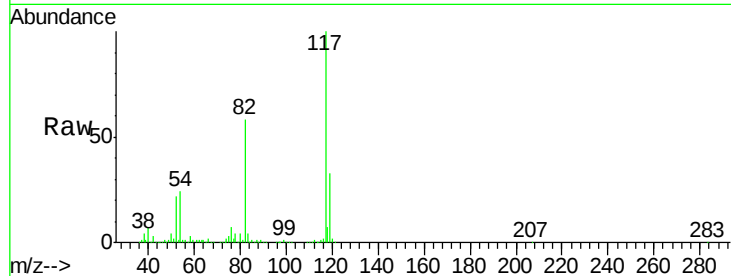




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

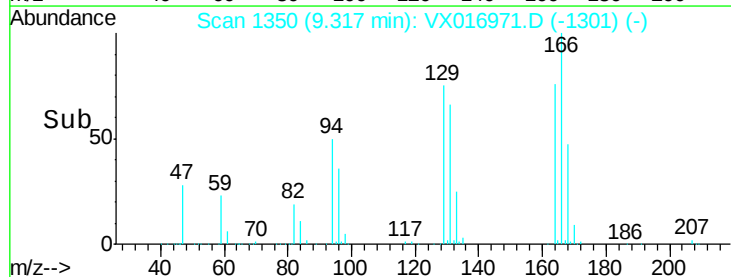
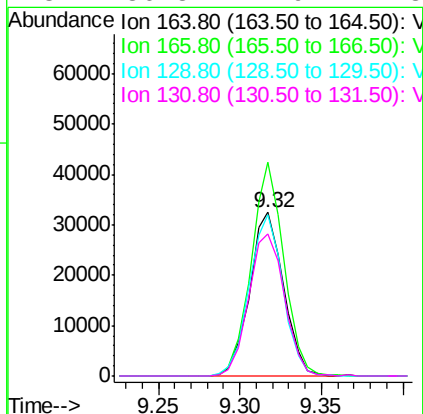
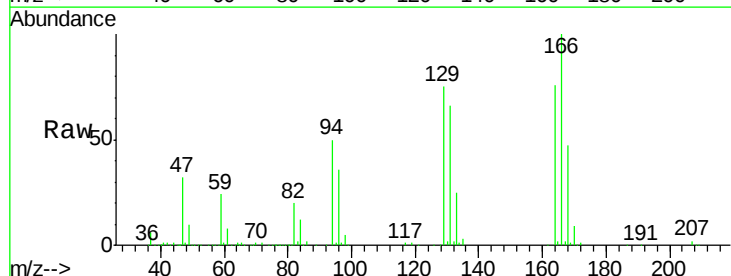
Instrument :
MSVOA_X
ClientSampleId :

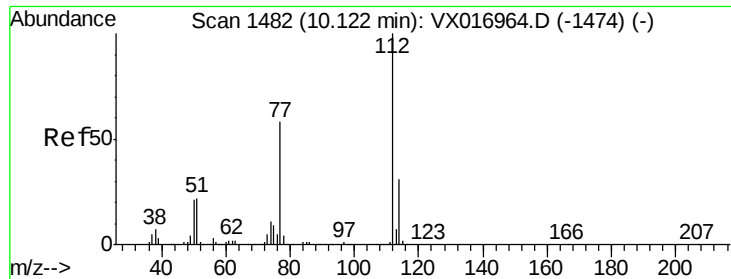
Tot Ion:117 Resp: 335877
Ion Ratio Lower Upper
117 100
82 57.5 46.8 70.2
119 33.0 27.3 40.9



#64
Tetrachloroethene
Concen: 20.672 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion:164 Resp: 47000
Ion Ratio Lower Upper
164 100
166 130.8 104.2 156.4
129 98.6 79.3 118.9
131 86.8 74.9 112.3





#65

Chlorobenzene

Concen: 18.596 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

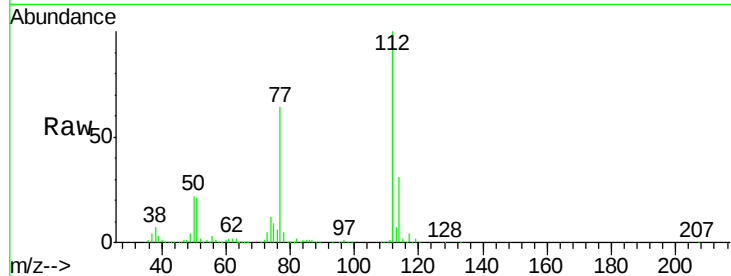
ClientSampleId :

Tot Ion:112 Resp: 127727

Ion Ratio Lower Upper

112 100

114 31.3 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

80000

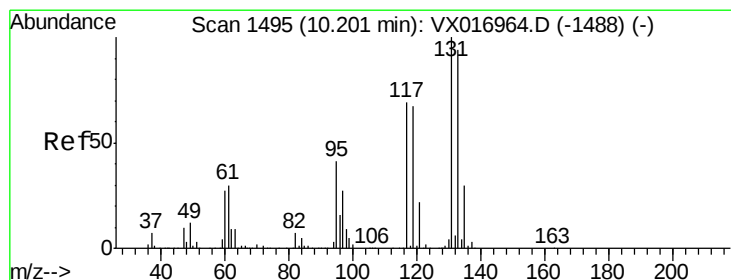
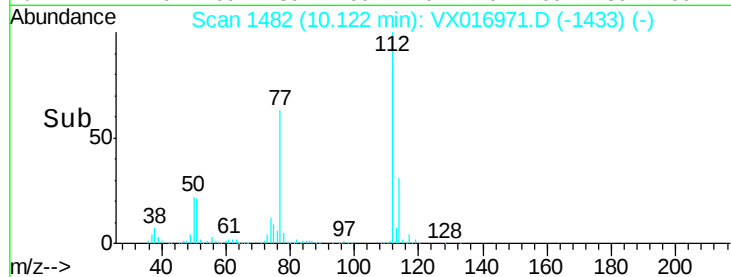
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.282 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

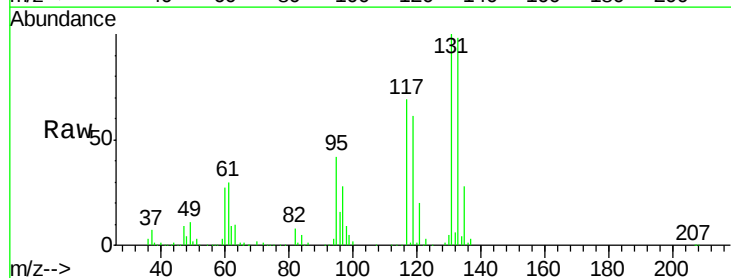
Tgt Ion:131 Resp: 49220

Ion Ratio Lower Upper

131 100

133 97.1 48.0 144.0

119 64.2 32.8 98.4



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

40000

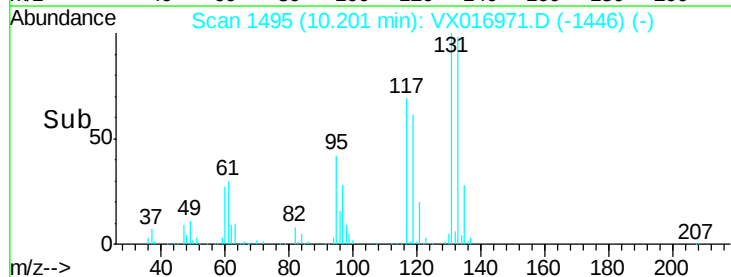
30000

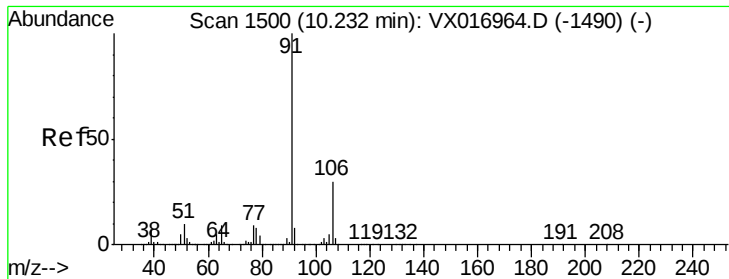
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 19.155 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

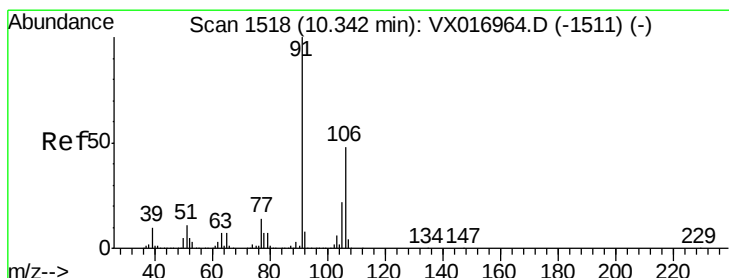
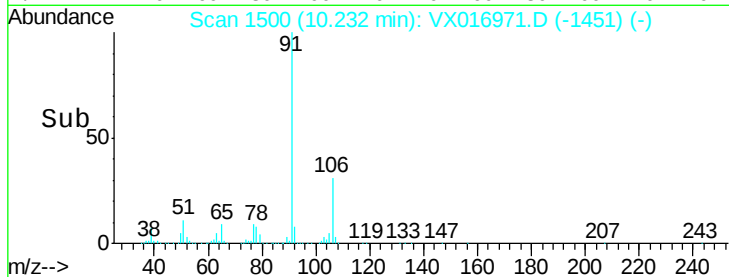
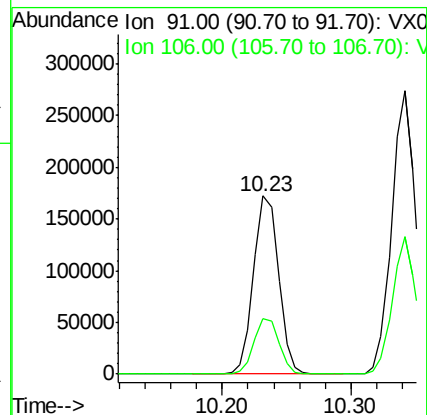
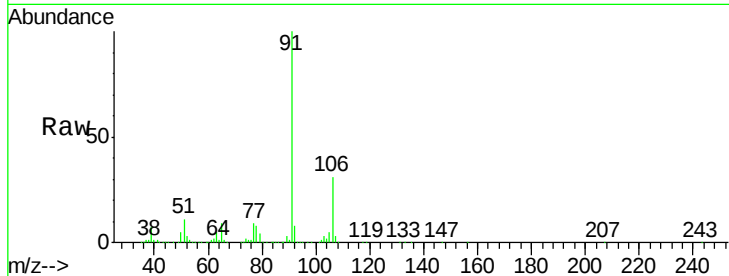
ClientSampled :

Tot Ion: 91 Resp: 230963

Ion Ratio Lower Upper

91 100

106 31.4 24.1 36.1



#68

m/p-Xylenes

Concen: 38.316 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016971.D

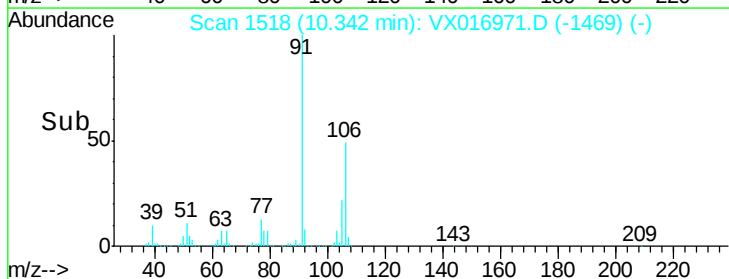
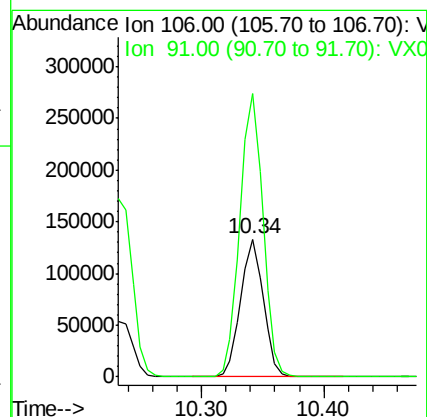
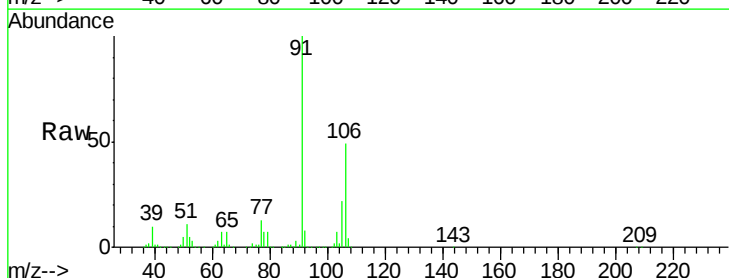
Acq: 26 Jun 2020 10:28

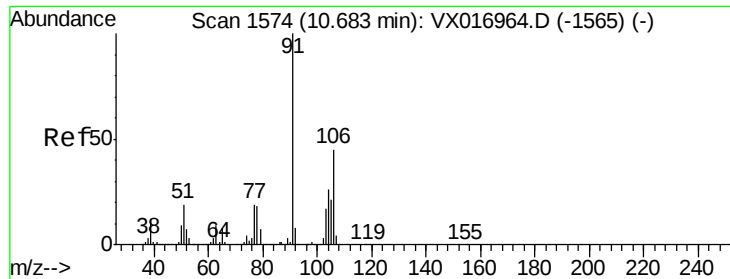
Tgt Ion: 106 Resp: 171633

Ion Ratio Lower Upper

106 100

91 207.5 164.1 246.1

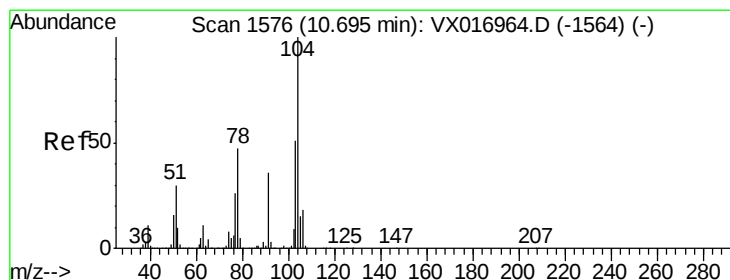
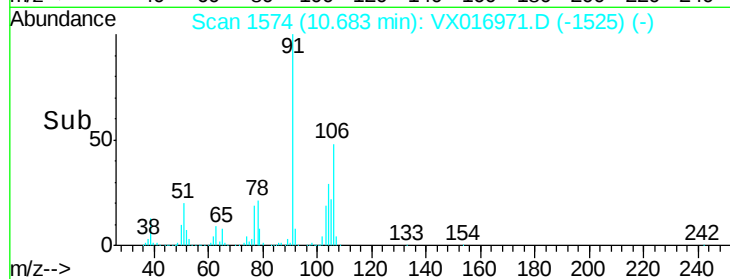
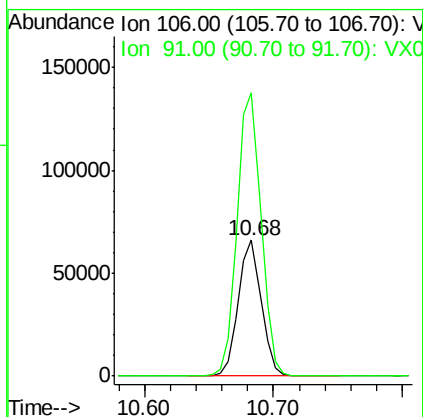
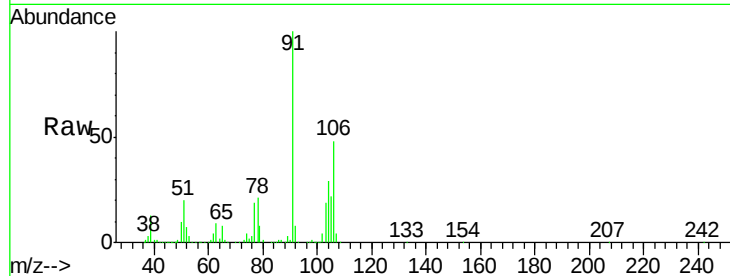




#69
o-Xylene
Concen: 19.265 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

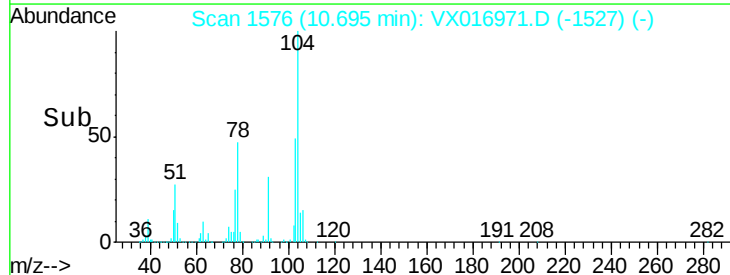
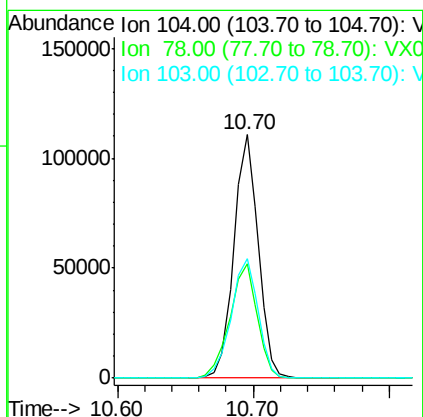
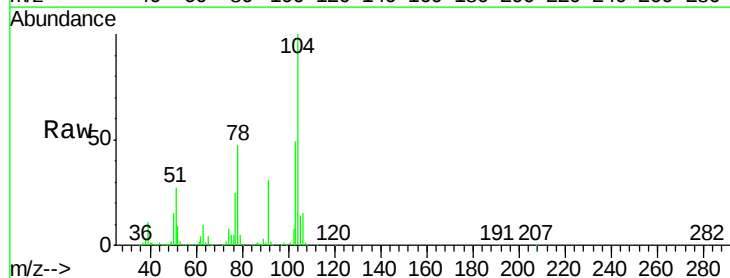
Instrument :
MSVOA_X
ClientSampleId :

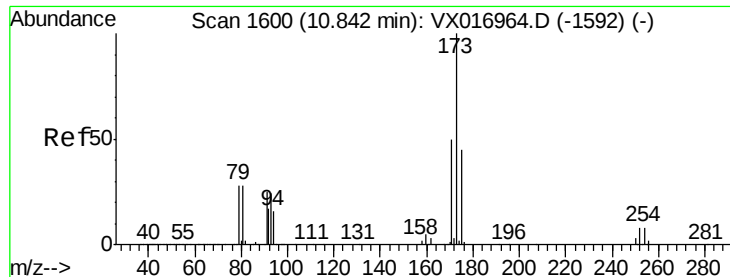
Tot Ion:106 Resp: 82329
Ion Ratio Lower Upper
106 100
91 217.0 109.1 327.2



#70
Styrene
Concen: 18.930 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion:104 Resp: 137808
Ion Ratio Lower Upper
104 100
78 53.2 41.9 62.9
103 54.5 43.9 65.9





#71

Bromoform

Concen: 18.296 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

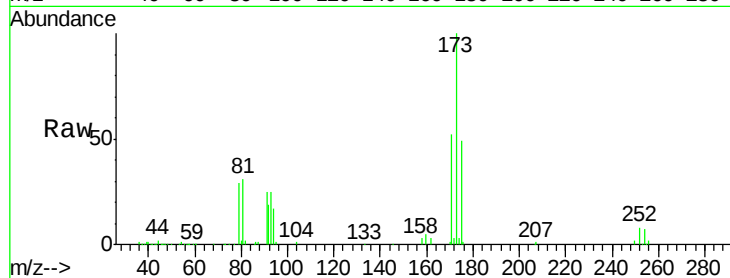
Tot Ion:173 Resp: 37134

Ion Ratio Lower Upper

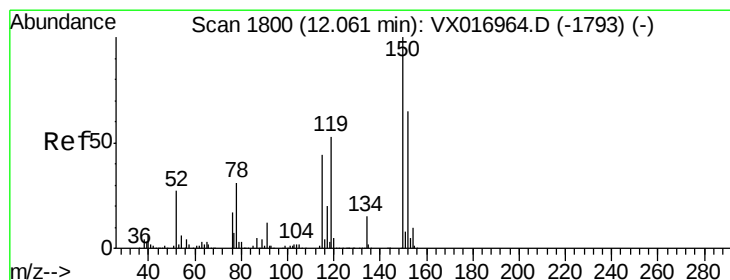
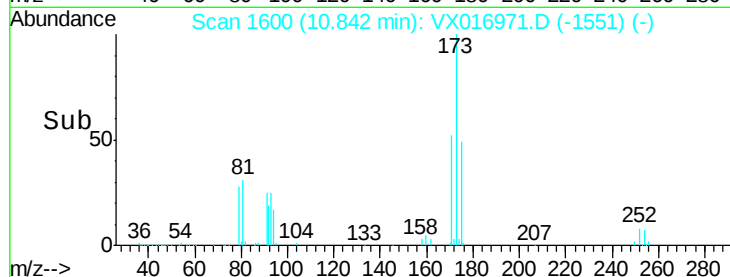
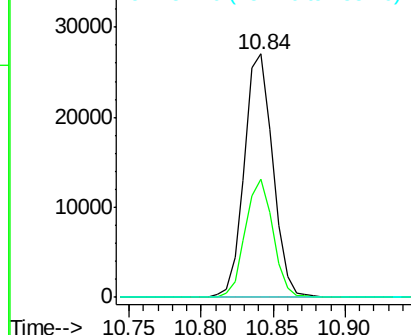
173 100

175 47.0 23.4 70.2

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

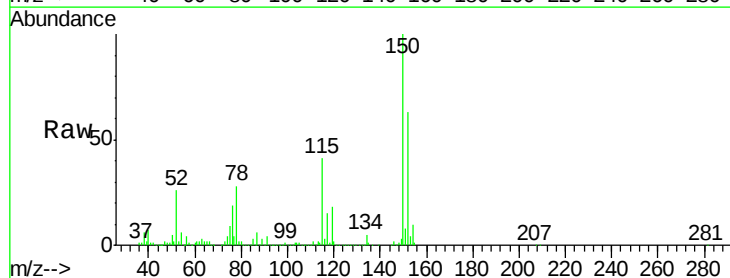
Tgt Ion:152 Resp: 164793

Ion Ratio Lower Upper

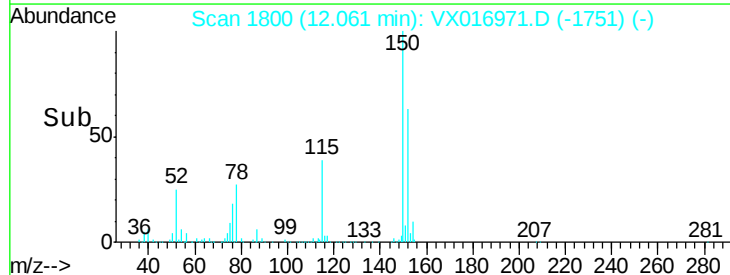
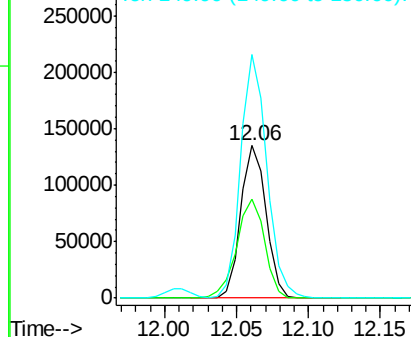
152 100

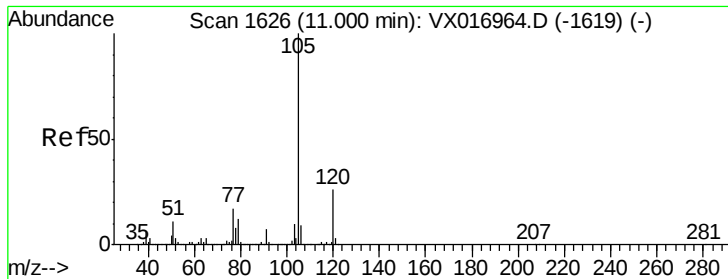
115 72.2 42.8 128.4

150 166.2 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.580 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

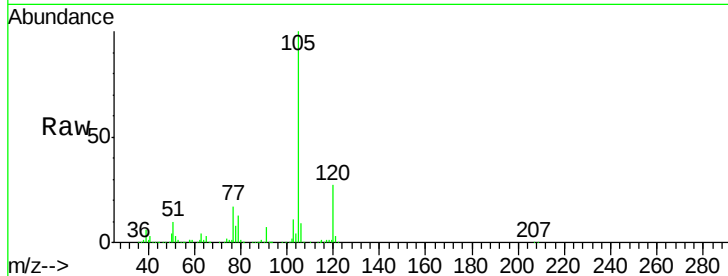
ClientSampleId :

Tot Ion: 105 Resp: 222165

Ion Ratio Lower Upper

105 100

120 27.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

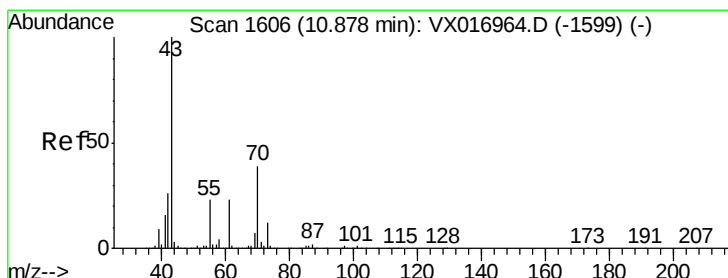
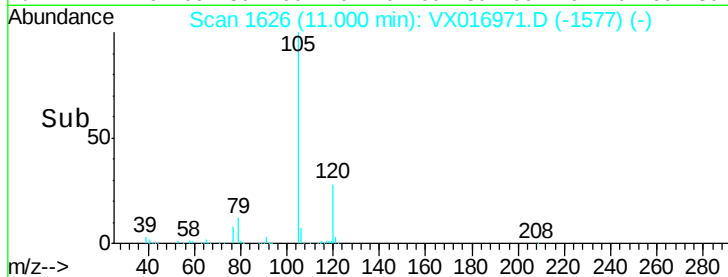
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.651 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Tgt Ion: 43 Resp: 99795

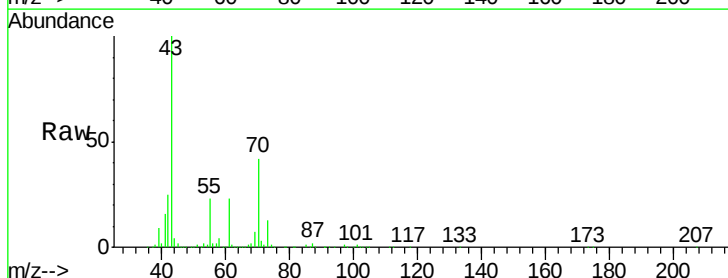
Ion Ratio Lower Upper

43 100

70 41.8 32.1 48.1

55 23.6 18.6 28.0

61 23.0 18.8 28.2



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

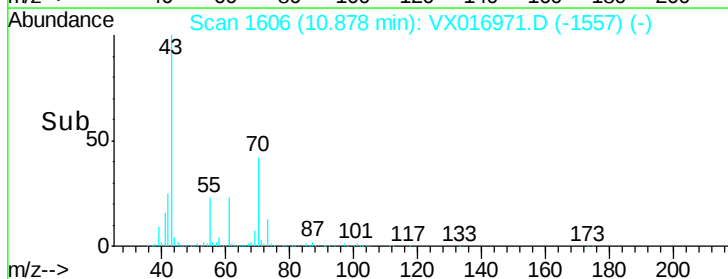
Ion 61.00 (60.70 to 61.70): VX0

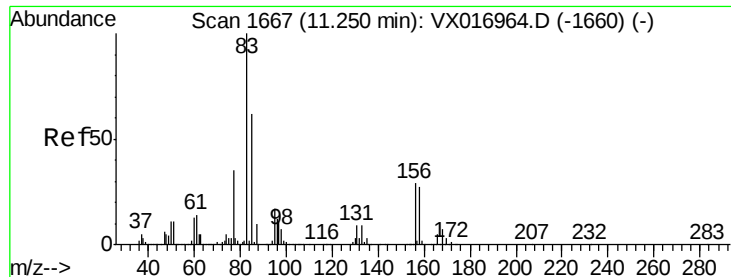
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.143 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

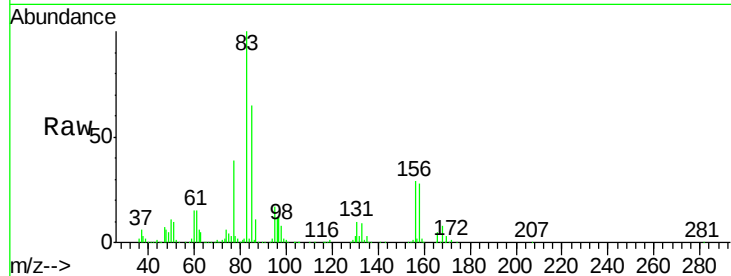
Tot Ion: 83 Resp: 69277

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

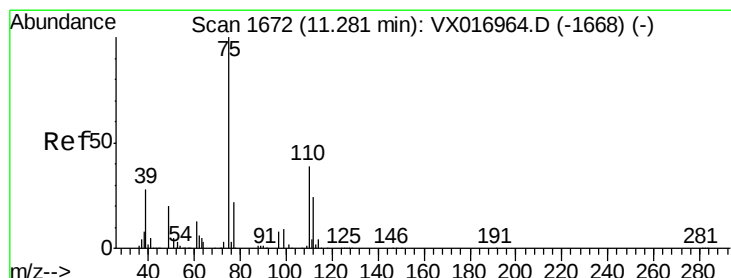
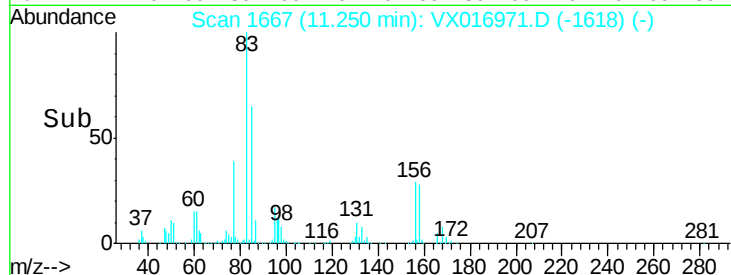
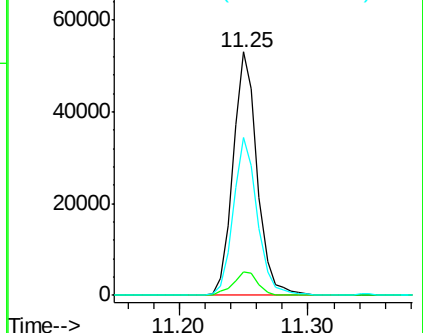
85 64.5 32.0 96.2



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: 24.903 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016971.D

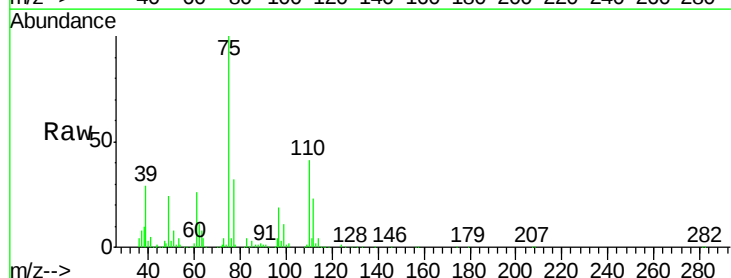
Acq: 26 Jun 2020 10:28

Tgt Ion: 75 Resp: 86125

Ion Ratio Lower Upper

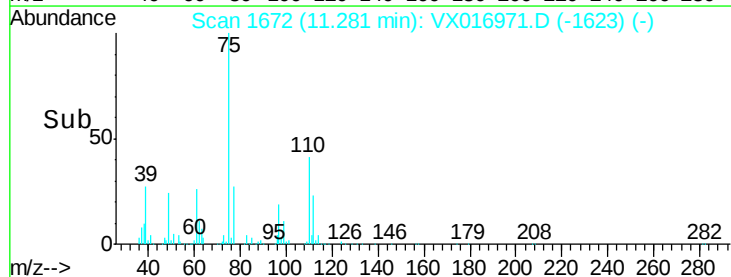
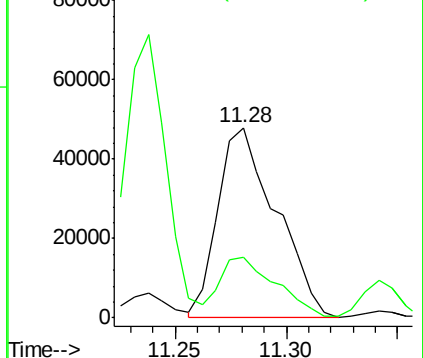
75 100

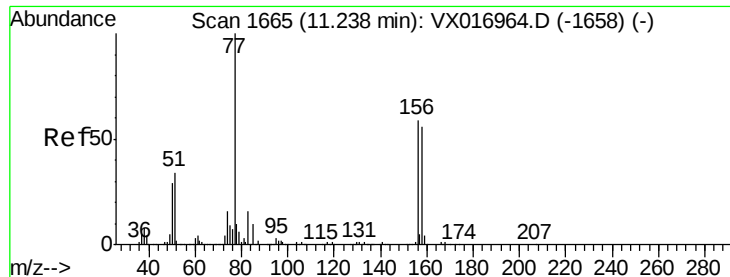
77 31.2 20.3 61.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.495 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

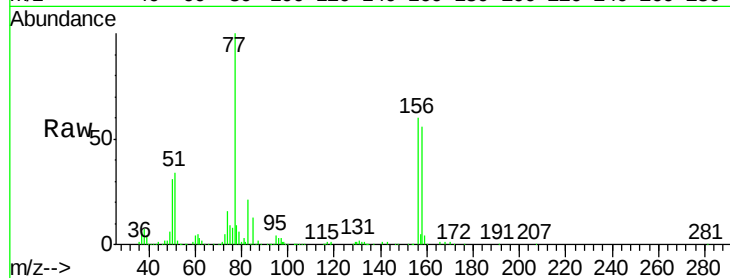
Tot Ion:156 Resp: 54409

Ion Ratio Lower Upper

156 100

77 170.9 85.2 255.6

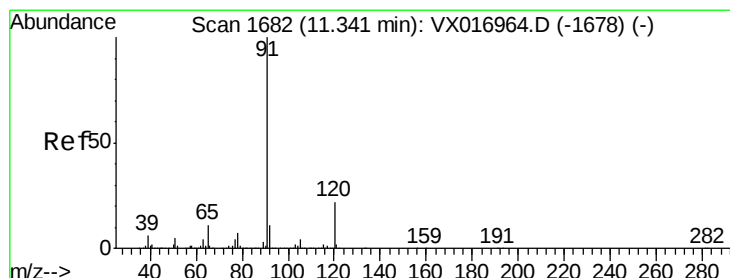
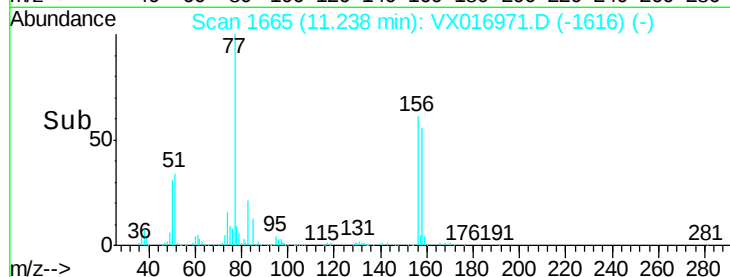
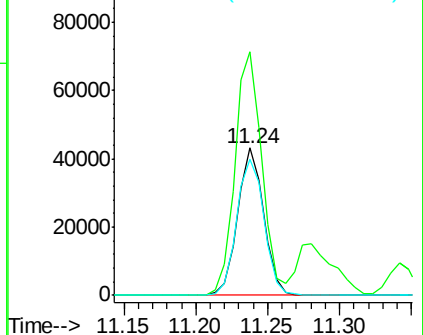
158 97.1 48.3 144.9



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: 19.405 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016971.D

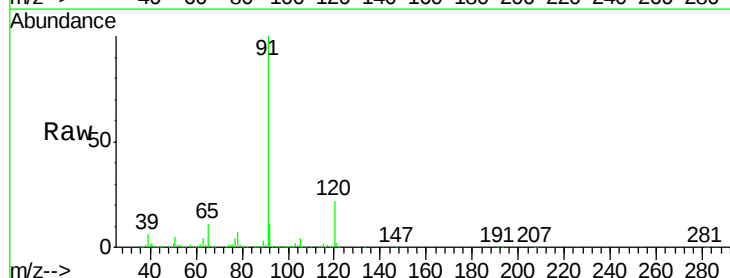
Acq: 26 Jun 2020 10:28

Tgt Ion: 91 Resp: 259877

Ion Ratio Lower Upper

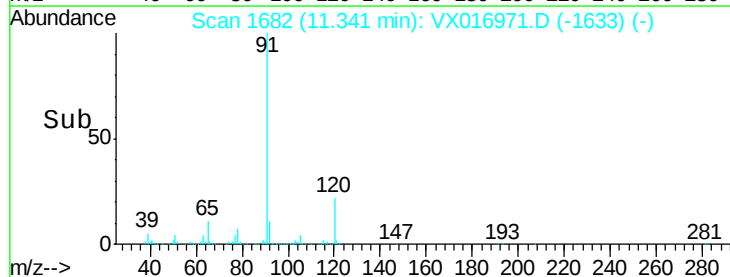
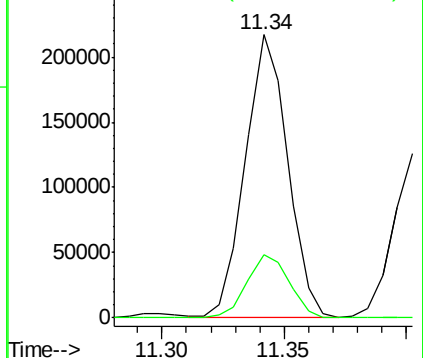
91 100

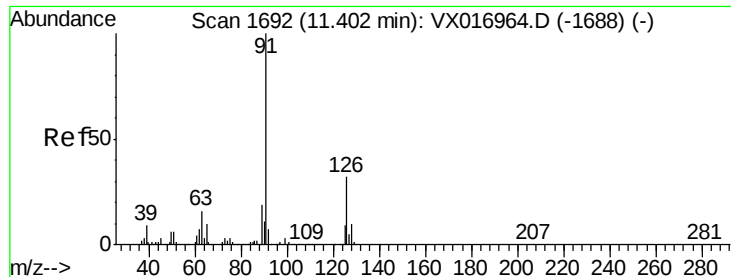
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.970 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

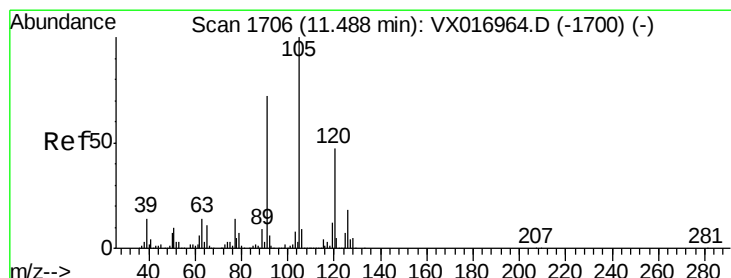
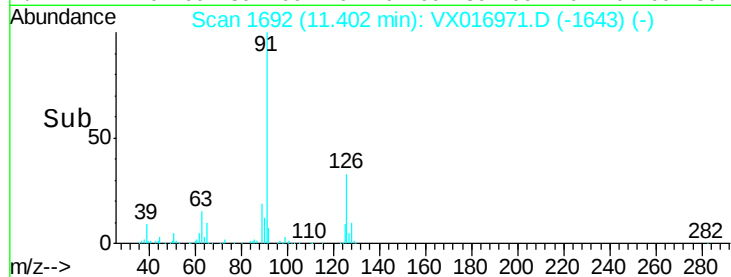
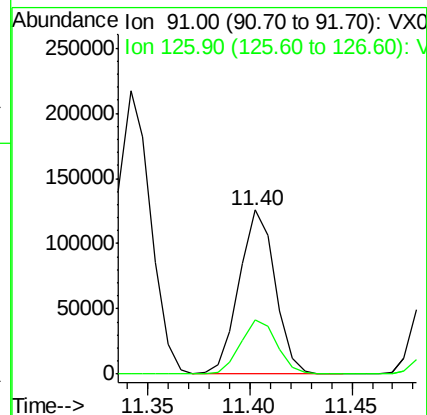
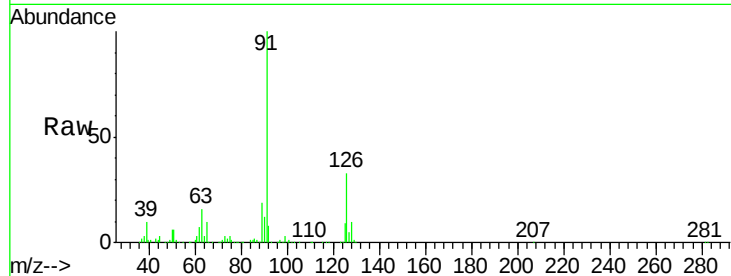
ClientSampleId :

Tot Ion: 91 Resp: 152771

Ion Ratio Lower Upper

91 100

126 33.6 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 19.825 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016971.D

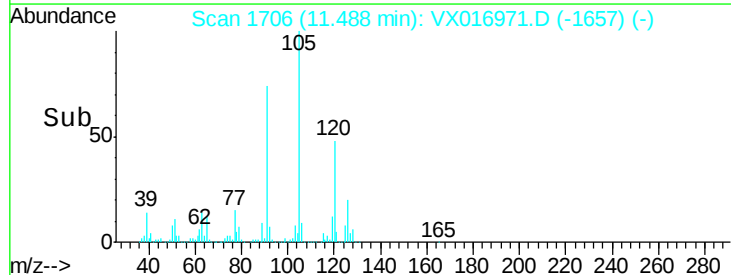
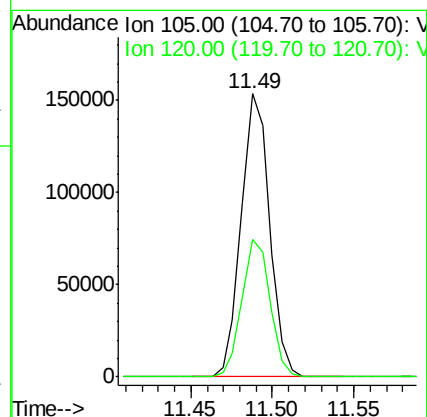
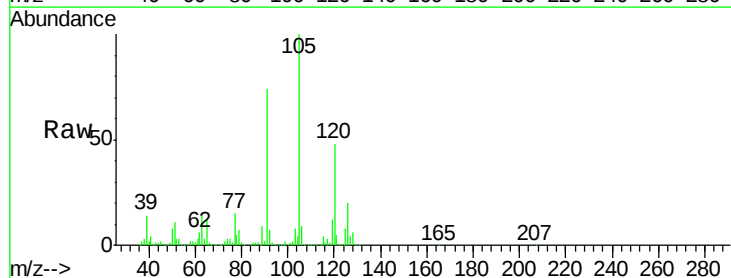
Acq: 26 Jun 2020 10:28

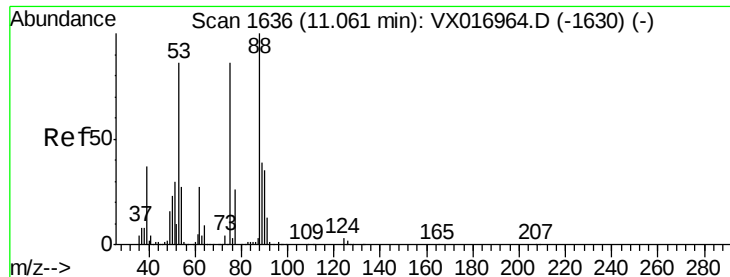
Tgt Ion: 105 Resp: 186967

Ion Ratio Lower Upper

105 100

120 48.5 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.620 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

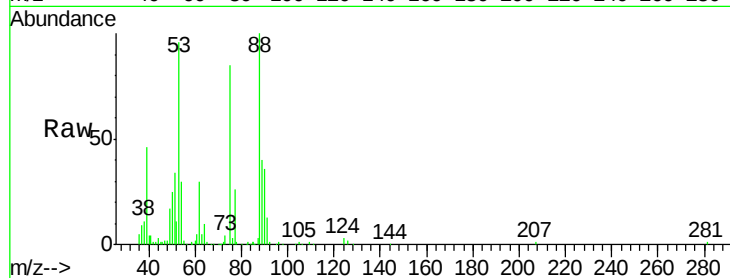
Tot Ion: 75 Resp: 24002

Ion Ratio Lower Upper

75 100

53 106.6 81.9 122.9

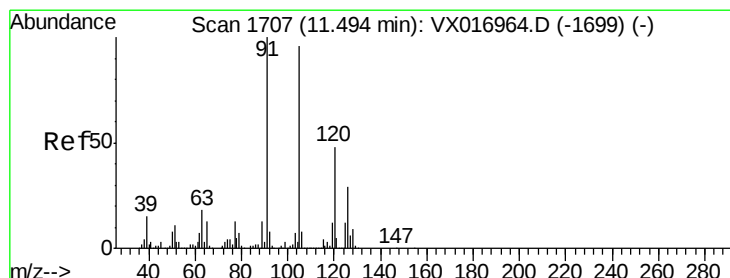
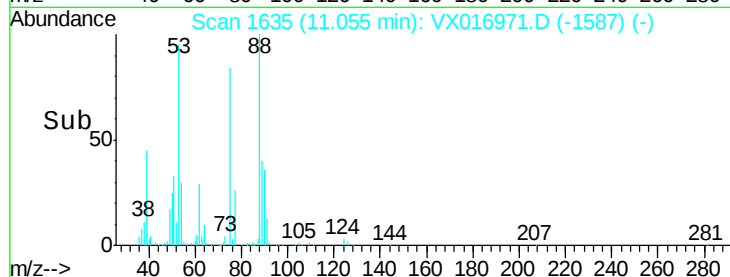
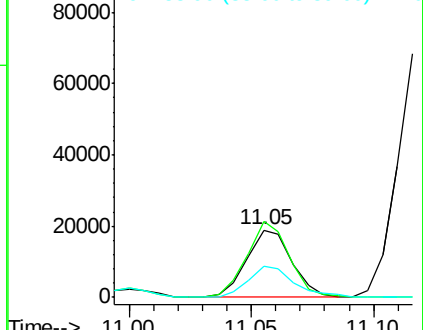
89 49.0 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.265 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016971.D

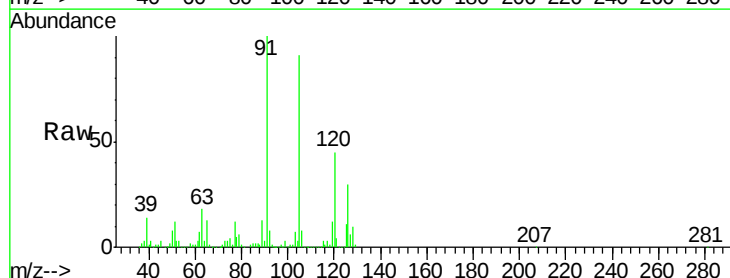
Acq: 26 Jun 2020 10:28

Tgt Ion: 91 Resp: 182593

Ion Ratio Lower Upper

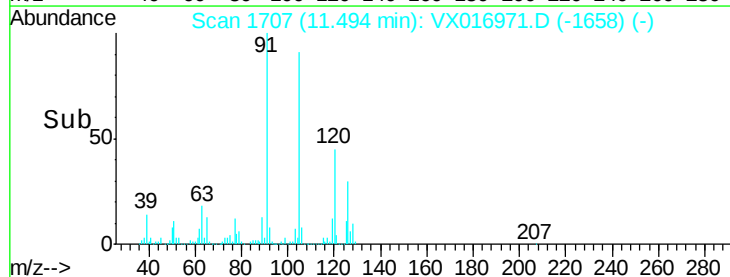
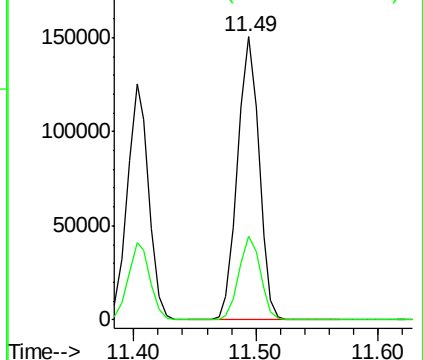
91 100

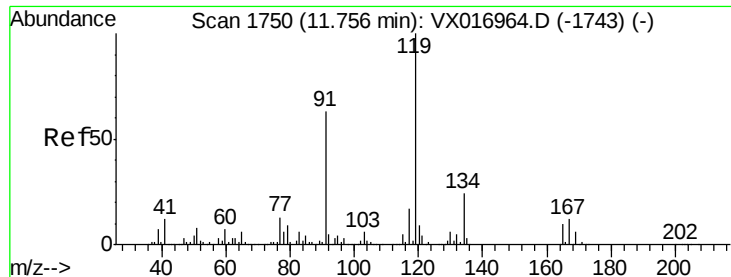
126 29.5 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

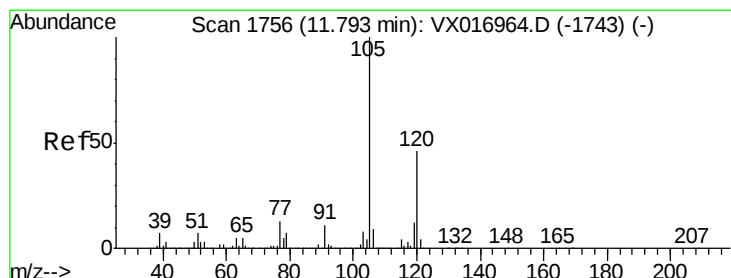
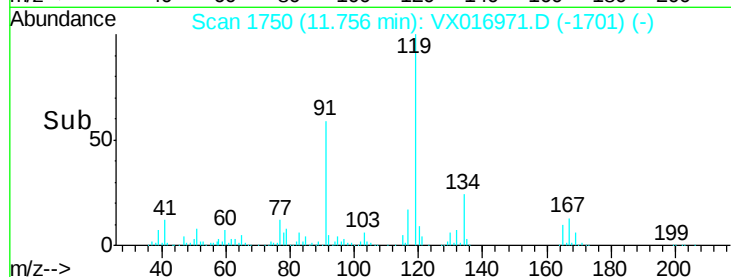
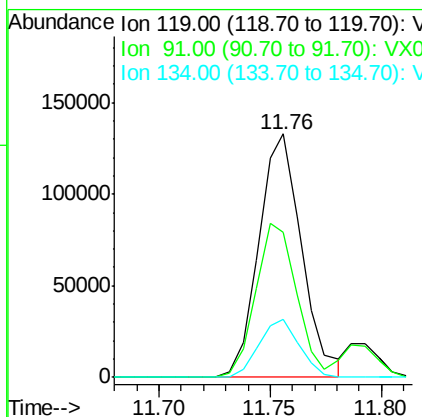
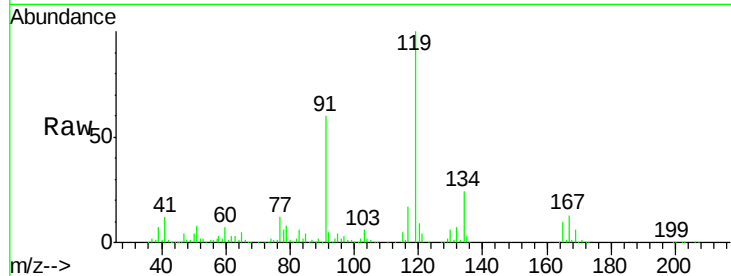




#83
tert-Butylbenzene
Concen: 19.339 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

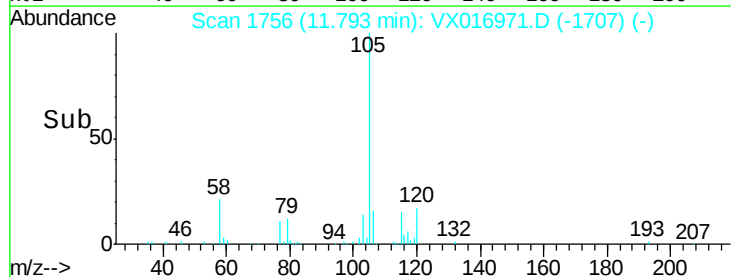
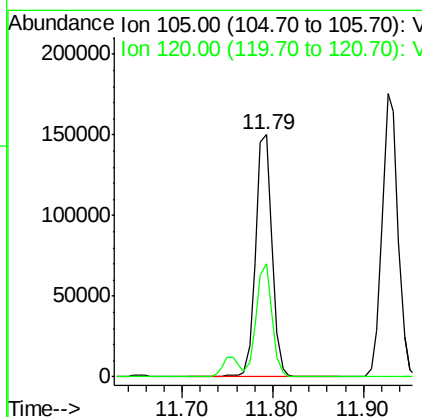
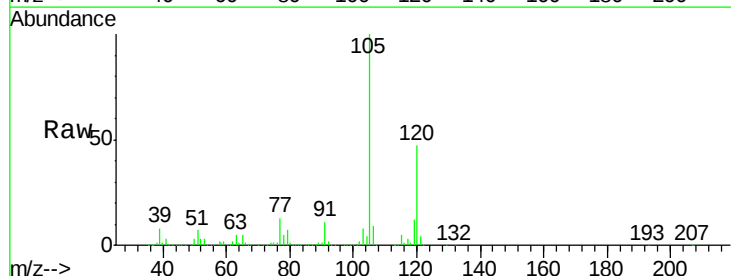
Instrument :
MSVOA_X
ClientSampleId :

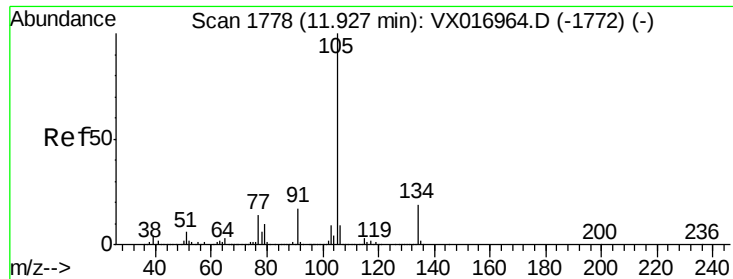
Tot Ion:119 Resp: 177634
Ion Ratio Lower Upper
119 100
91 60.6 30.0 90.0
134 22.6 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 19.688 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion:105 Resp: 187810
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.821 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

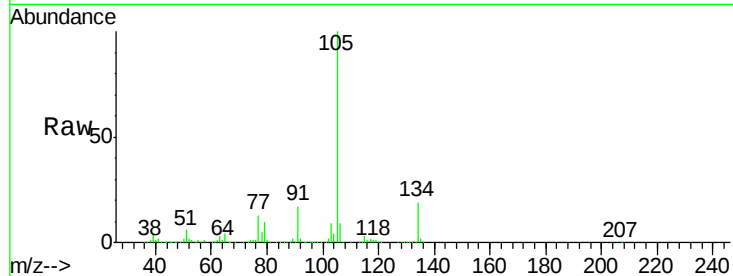
ClientSampleId :

Tot Ion:105 Resp: 212263

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

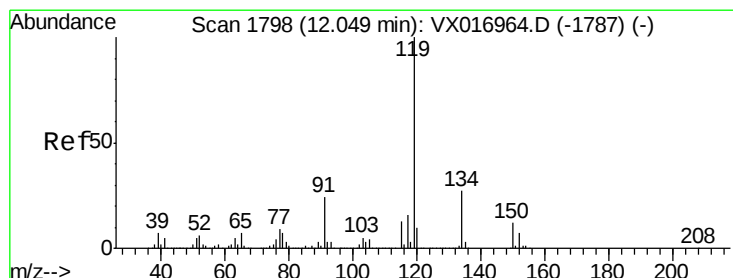
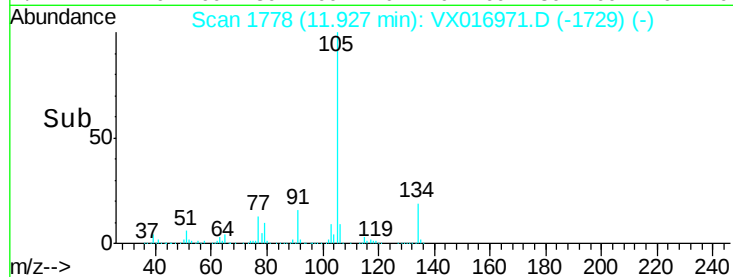
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.097 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

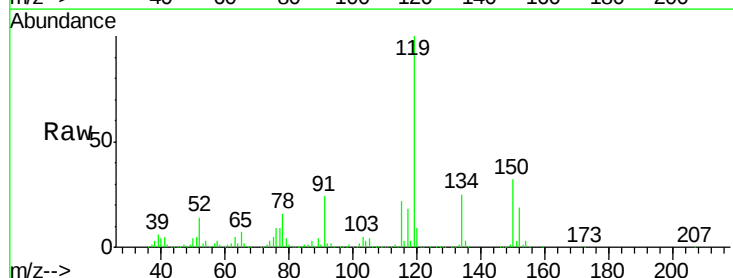
Tgt Ion:119 Resp: 196643

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 25.0 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

200000

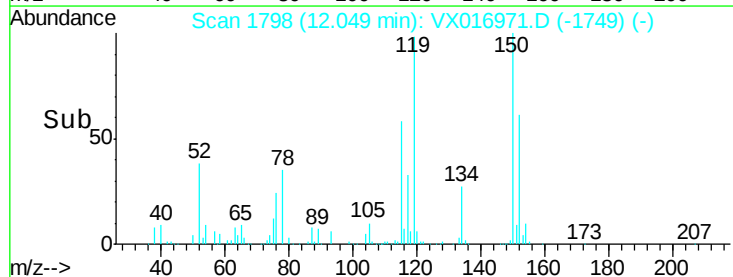
150000

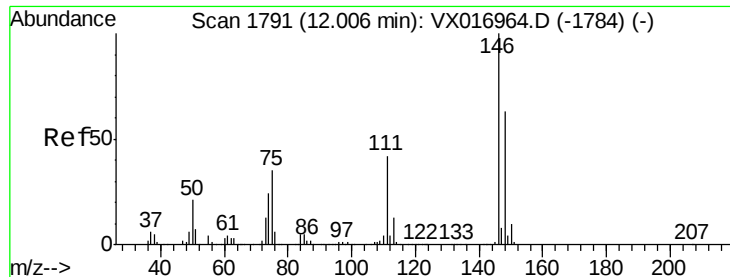
100000

50000

0

Time-->

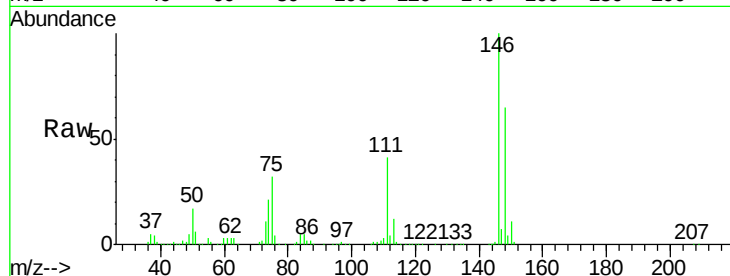




#87
 1,3-Dichlorobenzene
 Concen: 18.980 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	60.9
148	62.6	32.1	96.3

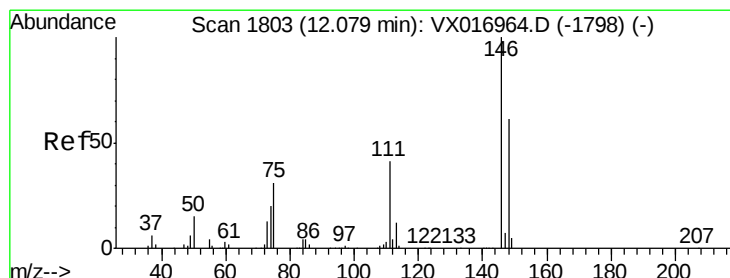
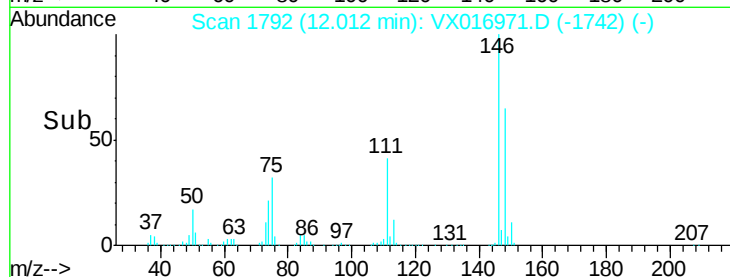
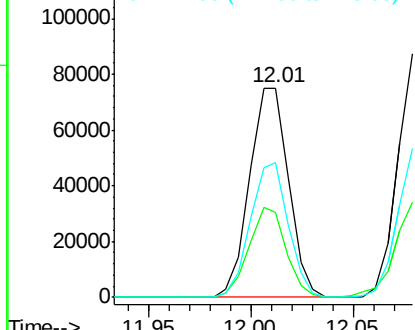


Abundance

Ion 145.90 (145.60 to 146.60): V

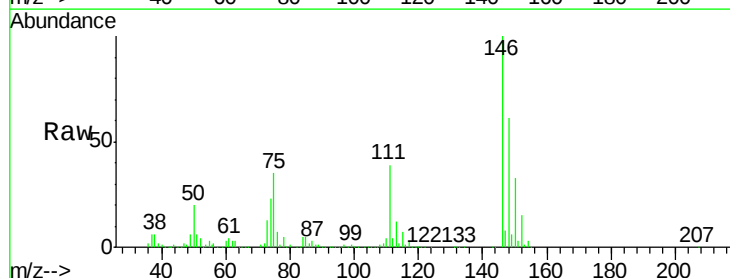
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 19.167 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	63.1	31.3	93.9

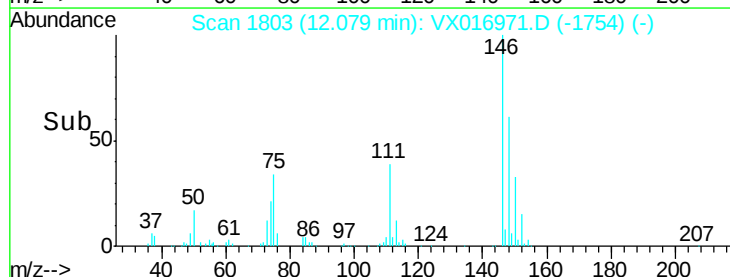
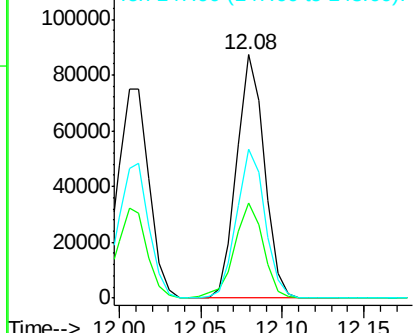


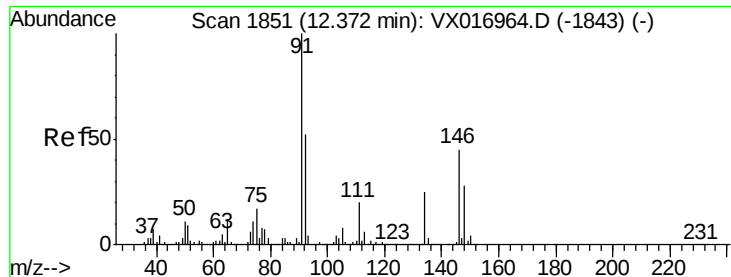
Abundance

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

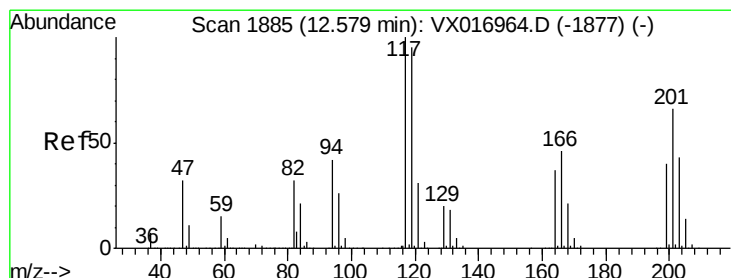
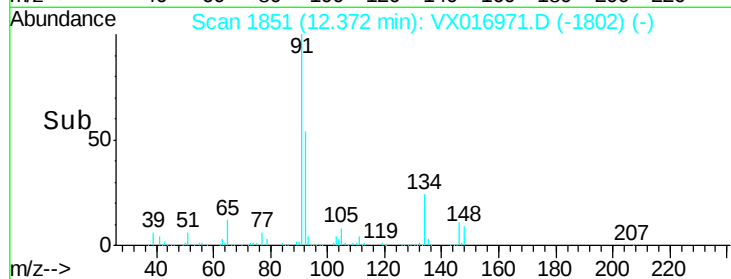
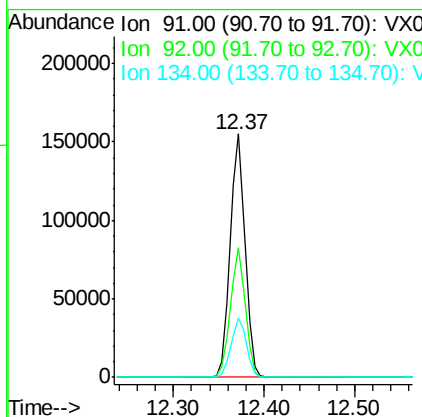
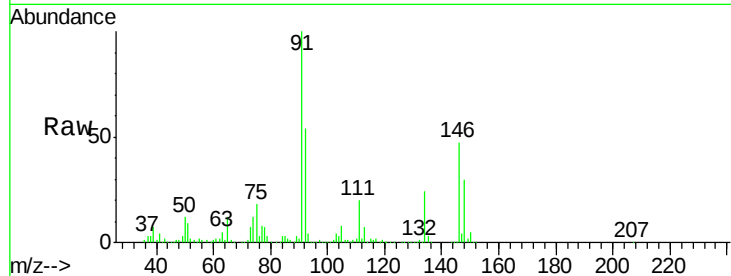




#89
n-Butylbenzene
Concen: 19.256 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

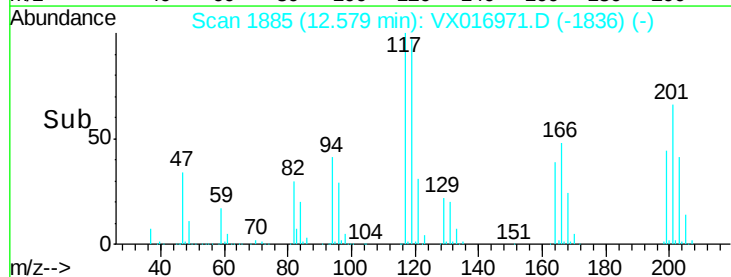
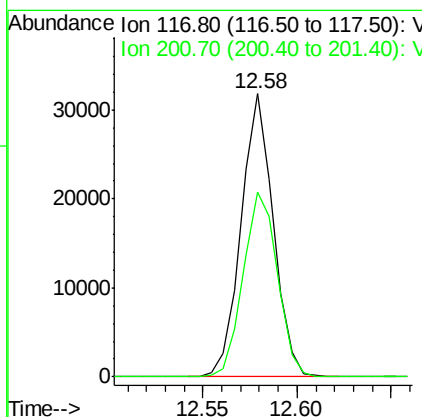
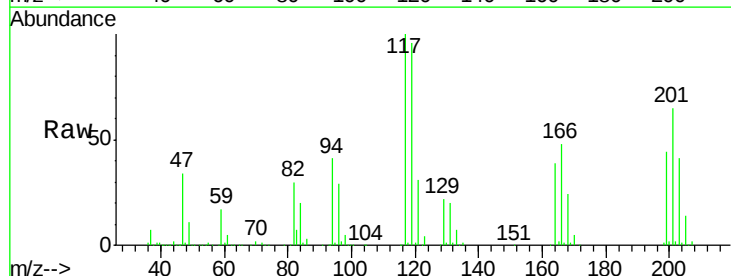
Instrument :
MSVOA_X
ClientSampled :

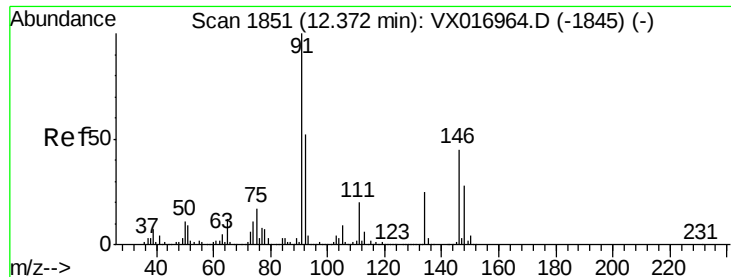
Tot Ion: 91 Resp: 177348
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 24.7 12.6 37.8



#90
Hexachloroethane
Concen: 18.526 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 117 Resp: 37579
Ion Ratio Lower Upper
117 100
201 69.5 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 19.128 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

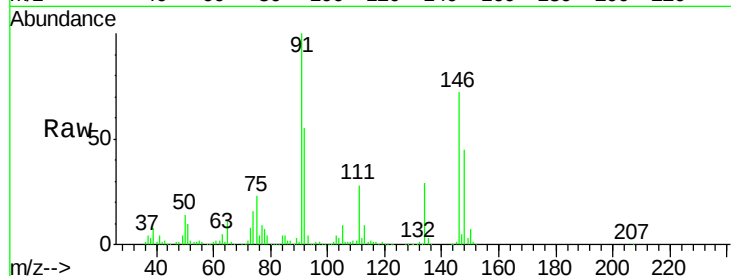
Tot Ion:146 Resp: 95750

Ion Ratio Lower Upper

146 100

111 42.3 21.6 64.6

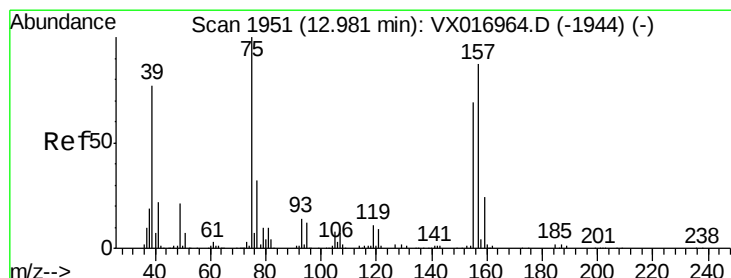
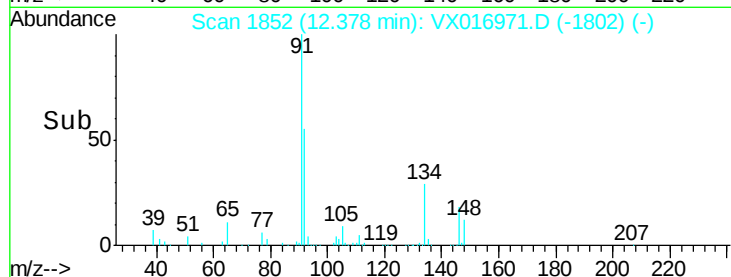
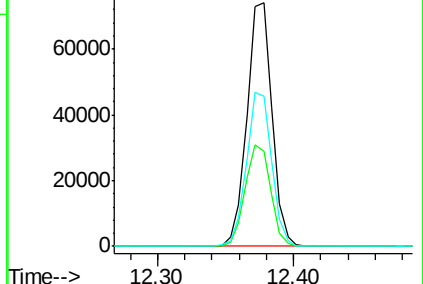
148 63.5 31.9 95.7



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: 18.236 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

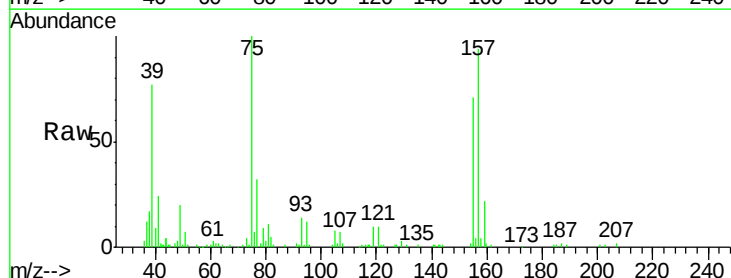
Tgt Ion: 75 Resp: 15933

Ion Ratio Lower Upper

75 100

155 77.3 39.0 117.0

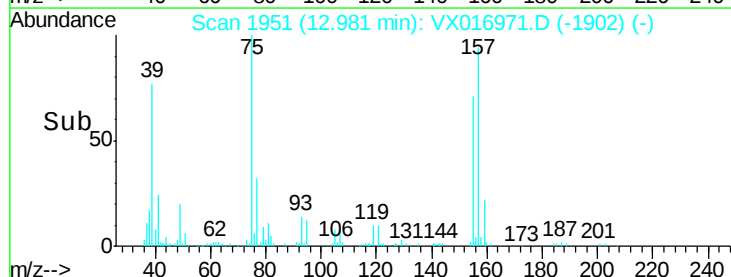
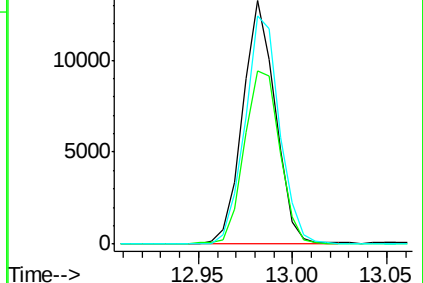
157 98.9 50.0 150.1

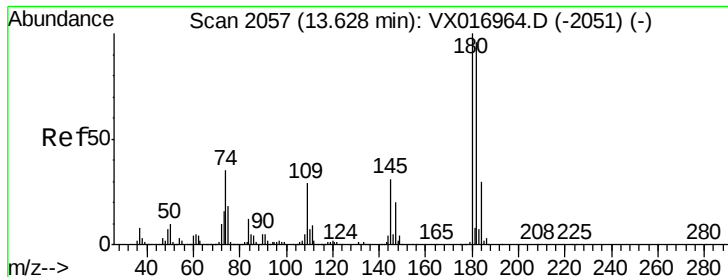


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

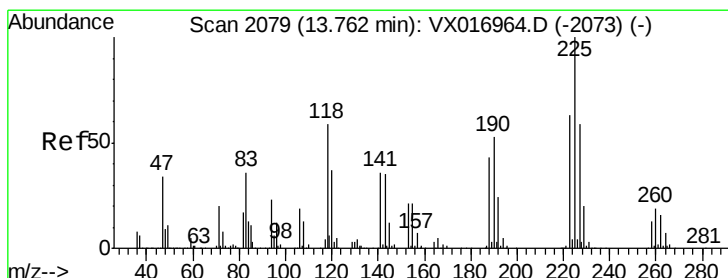
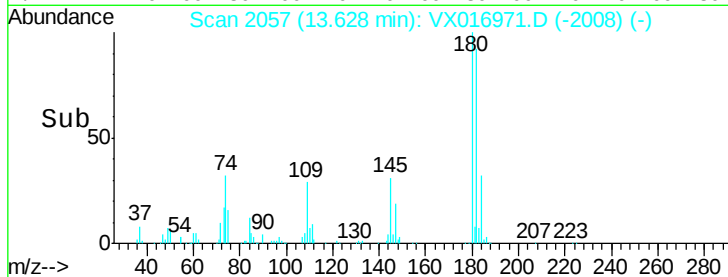
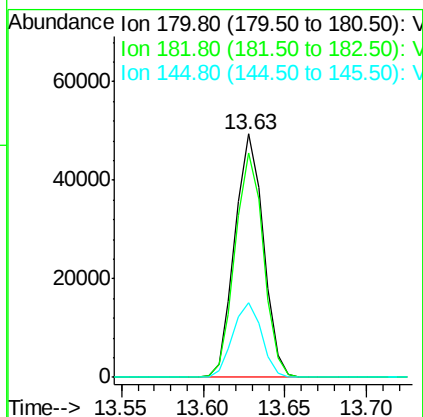
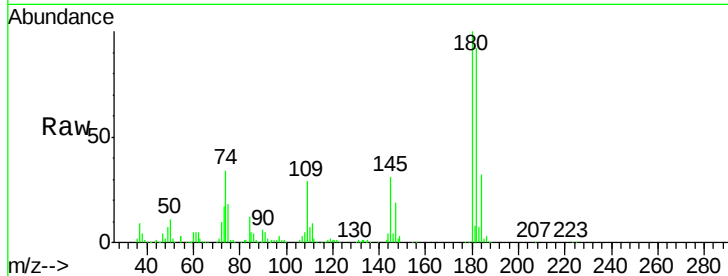




#93
 1,2,4-Trichlorobenzene
 Concen: 18.627 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

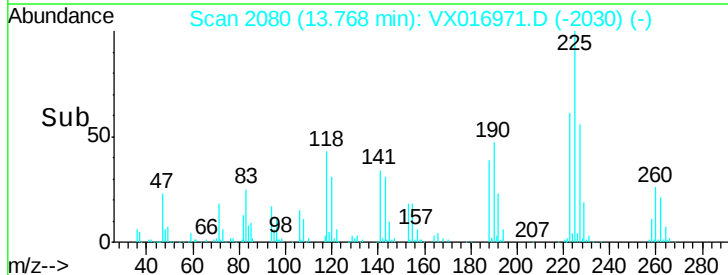
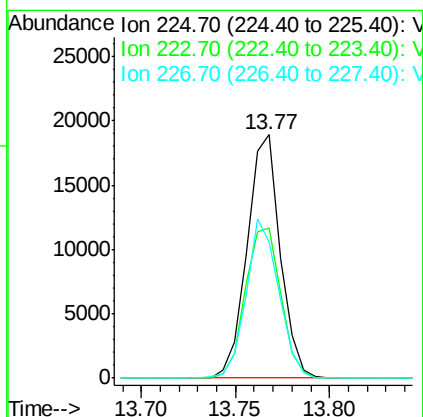
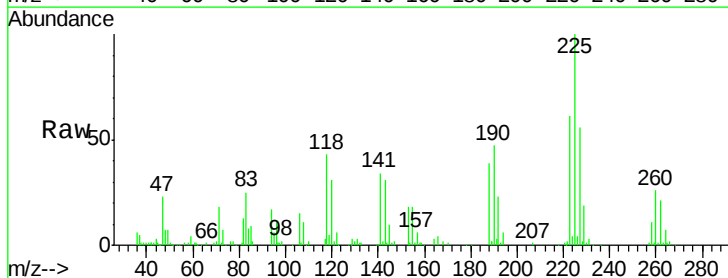
Instrument :
 MSVOA_X
 ClientSampleId :

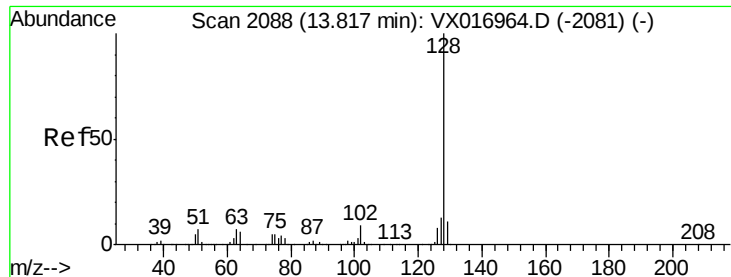
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.1	46.4	139.1
145	31.0	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 19.643 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.4	31.1	93.2
227	64.0	30.3	90.9

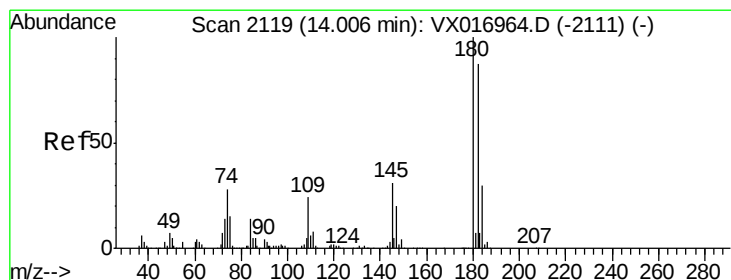
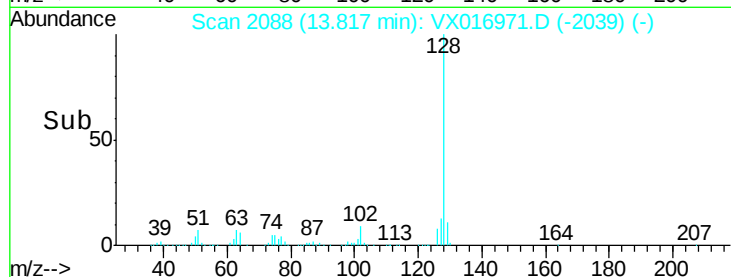
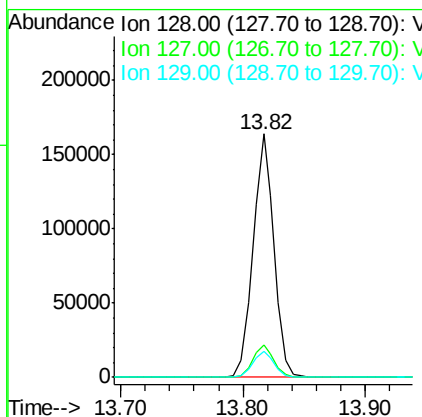
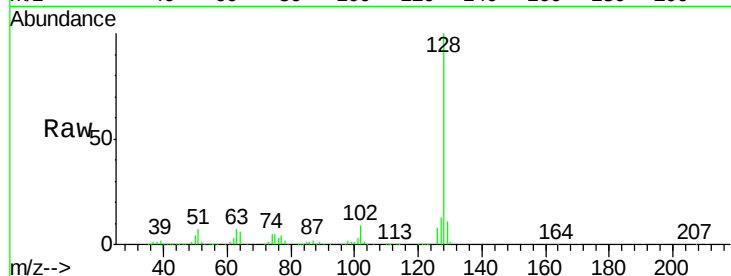




#95
Naphthalene
Concen: 18.171 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 194777
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.285 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion:180 Resp: 60329
Ion Ratio Lower Upper
180 100
182 91.0 47.8 143.3
145 32.0 16.9 50.6

