

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072920\
 Data File : VX017665.D
 Acq On : 29 Jul 2020 10:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 30 04:32:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	580011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	857352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	821611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	444288	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	369060	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	5.46	113	284003	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	8.70	98	1042973	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.12	95	413797	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	275981	51.313	ug/l	96
3) Chloromethane	1.31	50	319061	44.543	ug/l	98
4) Vinyl Chloride	1.39	62	323451	44.316	ug/l	99
5) Bromomethane	1.62	94	191093	48.627	ug/l	99
6) Chloroethane	1.70	64	195406	48.529	ug/l	99
7) Trichlorofluoromethane	1.92	101	533111	46.438	ug/l	98
8) Diethyl Ether	2.17	74	175683	47.124	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	284166	45.107	ug/l	98
10) Methyl Iodide	2.49	142	357253	44.326	ug/l	96
11) Tert butyl alcohol	3.01	59	323909	206.278	ug/l	100
12) 1,1-Dichloroethene	2.36	96	268758	44.861	ug/l	99
13) Acrolein	2.27	56	432808	359.171	ug/l	98
14) Allyl chloride	2.70	41	499981	45.706	ug/l	97
15) Acrylonitrile	3.11	53	757852	223.452	ug/l	100
16) Acetone	2.42	43	657205	200.415	ug/l	96
17) Carbon Disulfide	2.55	76	767330	42.139	ug/l	99
18) Methyl Acetate	2.75	43	338185	43.789	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	949185	45.776	ug/l	100
20) Methylene Chloride	2.83	84	306889	49.682	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	298411	46.496	ug/l	98
22) Diisopropyl ether	3.82	45	948663	47.429	ug/l	99
23) Vinyl Acetate	3.78	43	4233501	237.381	ug/l	100
24) 1,1-Dichloroethane	3.67	63	535196	46.449	ug/l	99
25) 2-Butanone	4.63	43	1050193	225.437	ug/l	96
26) 2,2-Dichloropropane	4.54	77	520779	50.492	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	329010	47.198	ug/l	99
28) Bromochloromethane	4.98	49	235422	45.088	ug/l	98
29) Tetrahydrofuran	5.09	42	668519	231.676	ug/l	99
30) Chloroform	5.17	83	568129	48.256	ug/l	99
31) Cyclohexane	5.54	56	448079	48.766	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	531516	47.876	ug/l	99
36) 1,1-Dichloropropene	5.76	75	418876	50.941	ug/l	100
37) Ethyl Acetate	4.79	43	412329	45.830	ug/l	100
38) Carbon Tetrachloride	5.75	117	497208	49.793	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	482089	50.223	ug/l	97
40) Benzene	6.11	78	1176869	49.922	ug/l	97
41) Methacrylonitrile	5.00	41	242928	47.107	ug/l	99
42) 1,2-Dichloroethane	6.16	62	483512	50.134	ug/l	99
43) Isopropyl Acetate	6.41	43	696439	46.916	ug/l	100
44) Trichloroethene	7.18	130	352293	51.135	ug/l	99
45) 1,2-Dichloropropane	7.49	63	312057	47.750	ug/l	98
46) Dibromomethane	7.63	93	217749	47.147	ug/l	98
47) Bromodichloromethane	7.87	83	464414	49.975	ug/l	97
48) Methyl methacrylate	7.74	41	351535	47.774	ug/l	97
49) 1,4-Dioxane	7.71	88	136433	967.090	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2136711	241.242	ug/l	100
52) Toluene	8.76	92	766499	50.699	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	532975	51.234	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	545532	51.413	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	311721	49.495	ug/l	99
56) Ethyl methacrylate	9.16	69	474501	50.008	ug/l	99
57) 1,3-Dichloropropane	9.35	76	527653	50.880	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1231138	246.278	ug/l	99
59) 2-Hexanone	9.47	43	1660852	249.062	ug/l	99
60) Dibromochloromethane	9.56	129	405471	50.653	ug/l	100
61) 1,2-Dibromoethane	9.65	107	346095	51.616	ug/l	99
64) Tetrachloroethene	9.32	164	357343	48.459	ug/l	97
65) Chlorobenzene	10.12	112	872601	49.067	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	352071	49.053	ug/l	99
67) Ethyl Benzene	10.23	91	1519762	51.194	ug/l	100
68) m/p-Xylenes	10.34	106	1158552	100.741	ug/l	97
69) o-Xylene	10.68	106	549820	49.709	ug/l	99
70) Styrene	10.70	104	965053	51.281	ug/l	99
71) Bromoform	10.84	173	303171	48.754	ug/l #	100
73) Isopropylbenzene	11.00	105	1534753	50.355	ug/l	100
74) N-amyl acetate	10.88	43	638159	47.124	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	428716	45.064	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	552770	60.483	ug/l	82
77) Bromobenzene	11.24	156	412452	48.338	ug/l	99
78) n-propylbenzene	11.34	91	1770960	51.518	ug/l	100
79) 2-Chlorotoluene	11.40	91	1052922	49.446	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1327561	51.015	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	168570	46.477	ug/l	94
82) 4-Chlorotoluene	11.49	91	1265898	50.396	ug/l	100
83) tert-Butylbenzene	11.76	119	1270244	51.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1335288	51.589	ug/l	99
85) sec-Butylbenzene	11.93	105	1510318	52.067	ug/l	100
86) p-Isopropyltoluene	12.05	119	1444904	52.307	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	733004	50.025	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	741295	48.842	ug/l	100
89) n-Butylbenzene	12.37	91	1277565	51.903	ug/l	100
90) Hexachloroethane	12.58	117	267056	49.037	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	696573	48.369	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	114484	42.936	ug/l	99

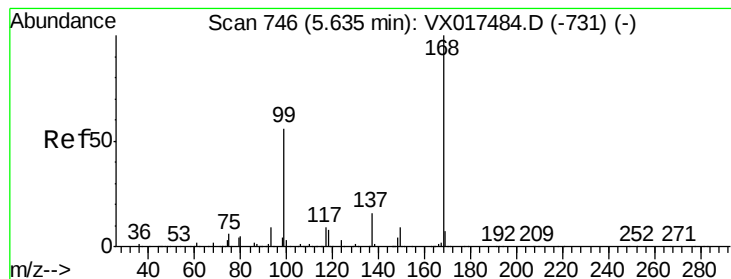
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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	518204	52.724	ug/l	99
94) Hexachlorobutadiene	13.77	225	222231	49.120	ug/l	98
95) Naphthalene	13.82	128	1505310	51.305	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	503559	51.889	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

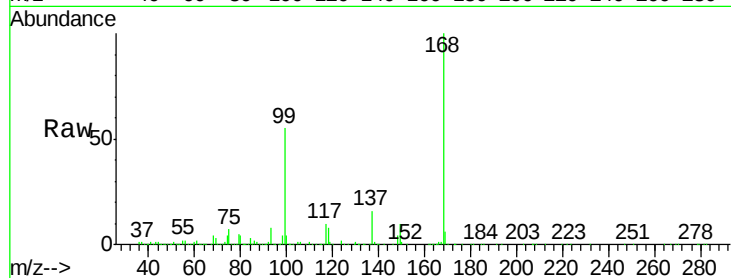
ClientSampleId :

Tot Ion:168 Resp: 580011

Ion Ratio Lower Upper

168 100

99 55.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

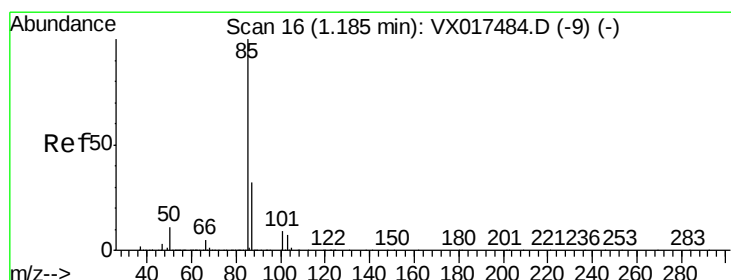
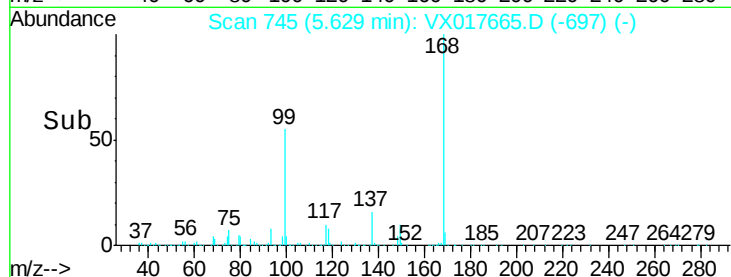
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.313 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017665.D

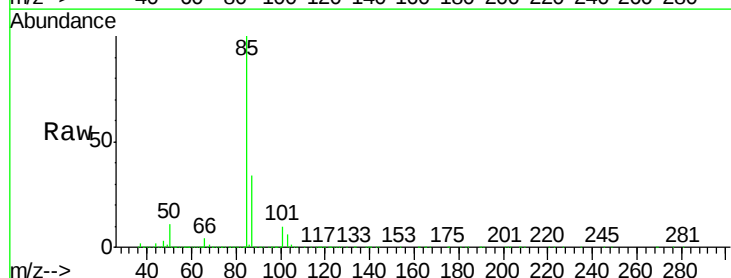
Acq: 29 Jul 2020 10:32

Tgt Ion: 85 Resp: 275981

Ion Ratio Lower Upper

85 100

87 34.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

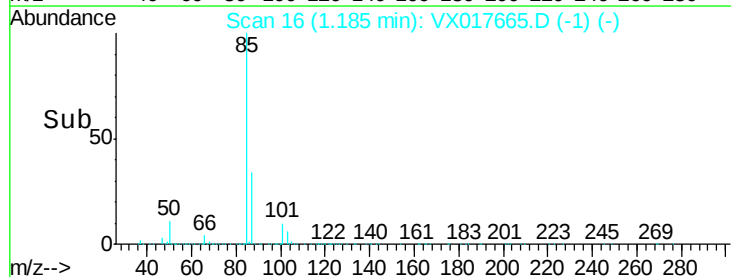
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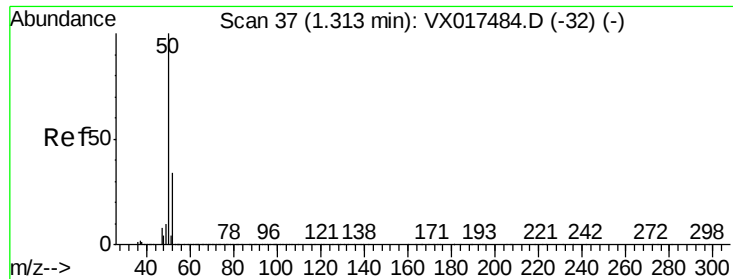
200000

100000

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Time-->





#3

Chloromethane

Concen: 44.543 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

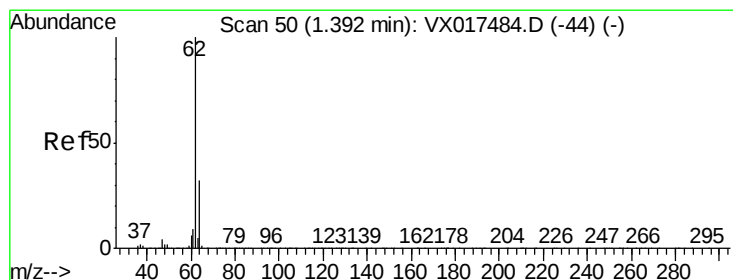
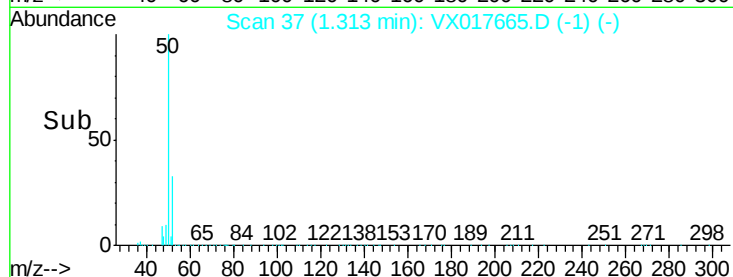
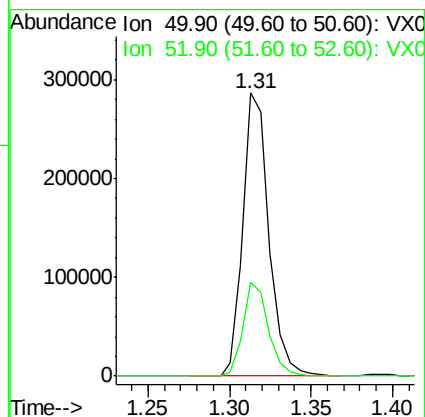
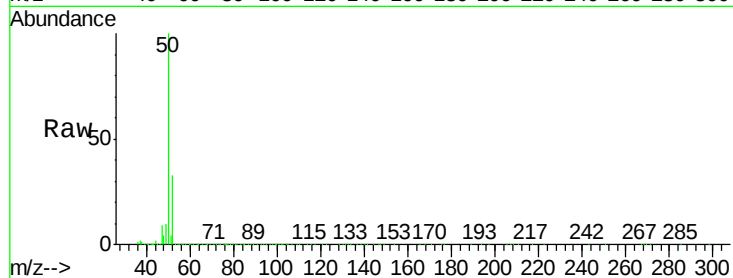
ClientSampleId :

Tot Ion: 50 Resp: 319061

Ion Ratio Lower Upper

50 100

52 33.3 25.9 38.9



#4

Vinyl Chloride

Concen: 44.316 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017665.D

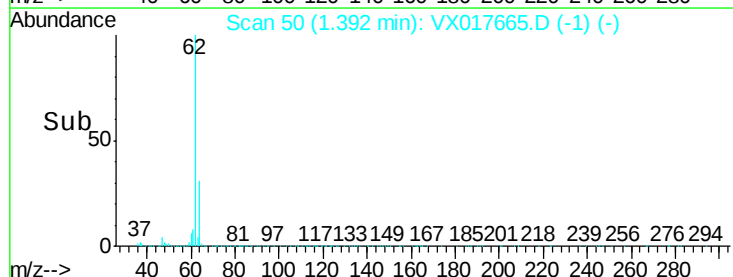
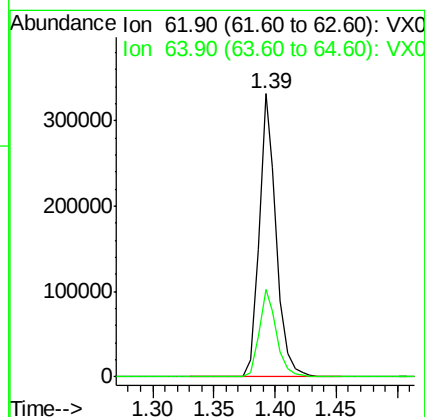
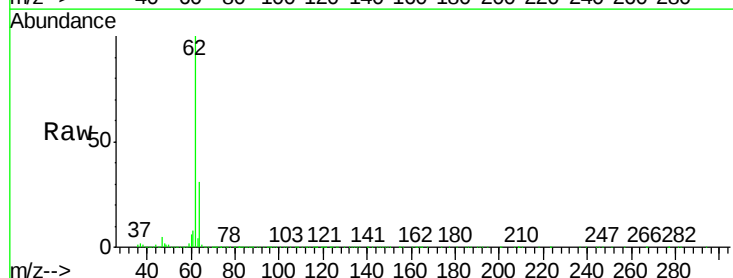
Acq: 29 Jul 2020 10:32

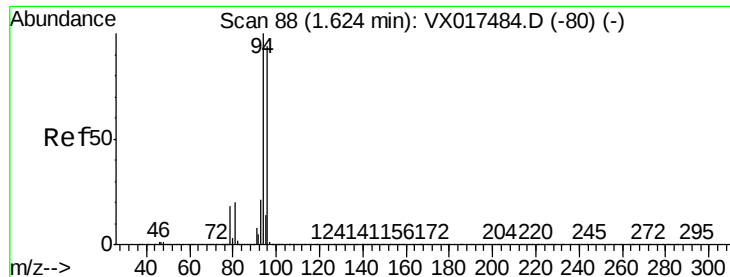
Tgt Ion: 62 Resp: 323451

Ion Ratio Lower Upper

62 100

64 31.0 25.2 37.8





#5

Bromomethane

Concen: 48.627 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

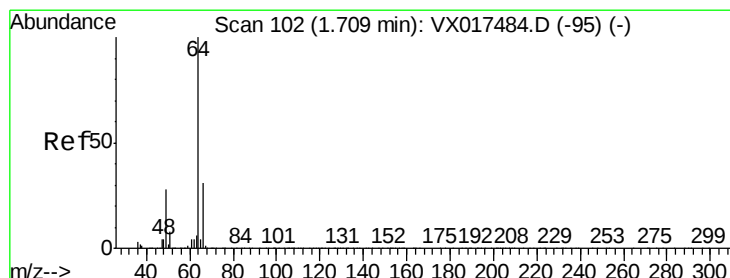
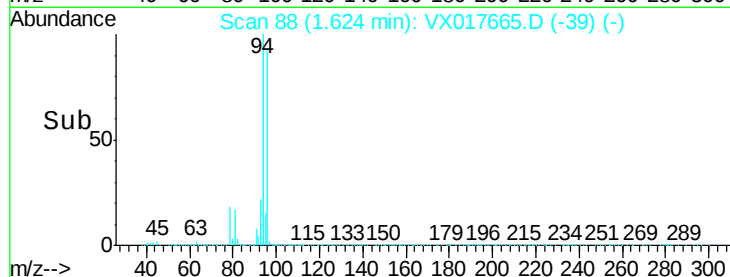
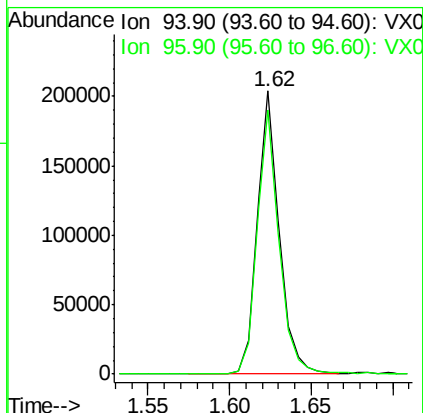
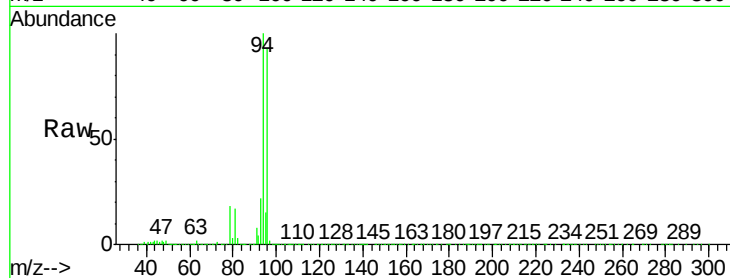
ClientSampleId :

Tot Ion: 94 Resp: 191093

Ion Ratio Lower Upper

94 100

96 93.2 74.1 111.1



#6

Chloroethane

Concen: 48.529 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017665.D

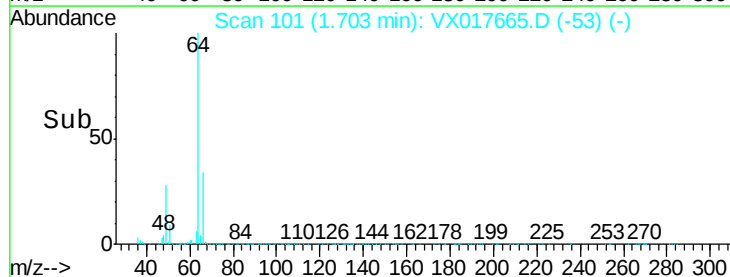
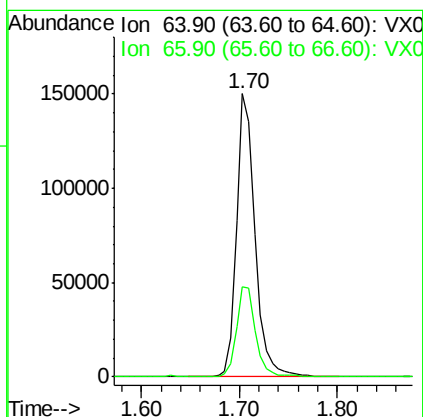
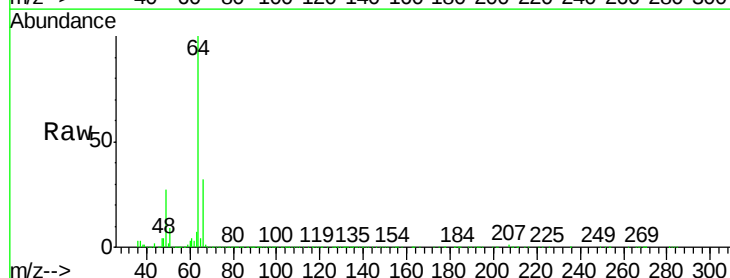
Acq: 29 Jul 2020 10:32

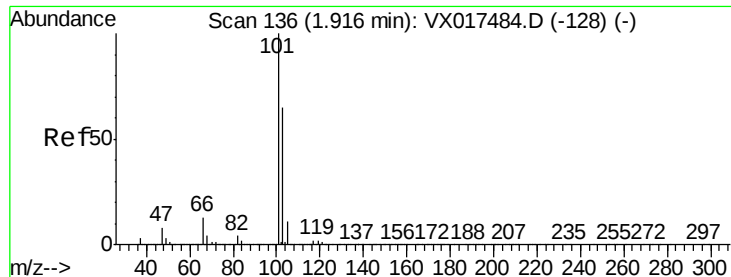
Tgt Ion: 64 Resp: 195406

Ion Ratio Lower Upper

64 100

66 31.8 24.9 37.3



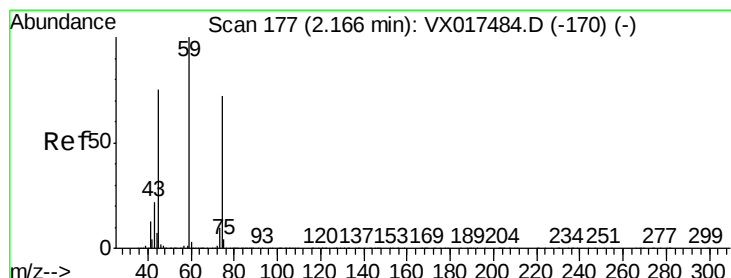
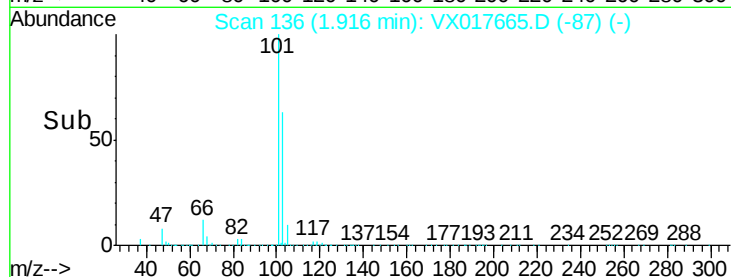
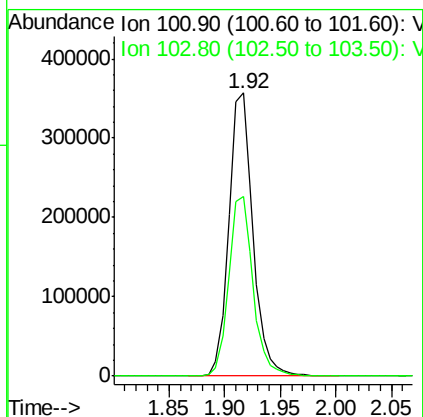
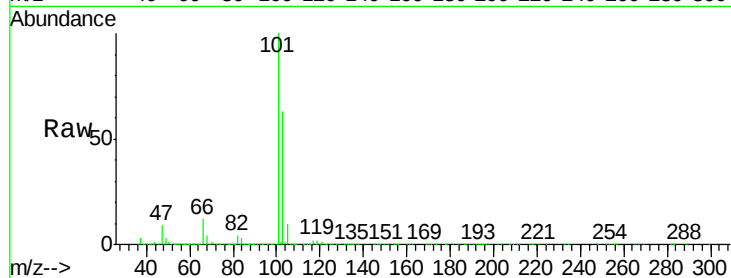


#7

Trichlorofluoromethane
Concen: 46.438 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :

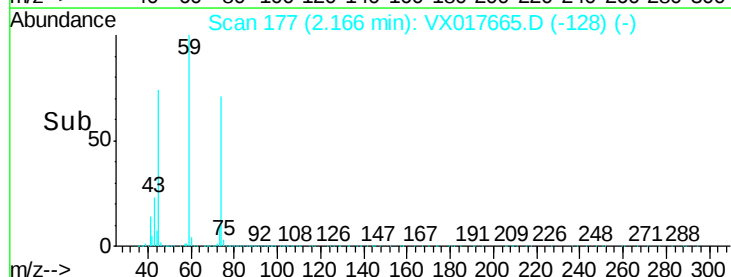
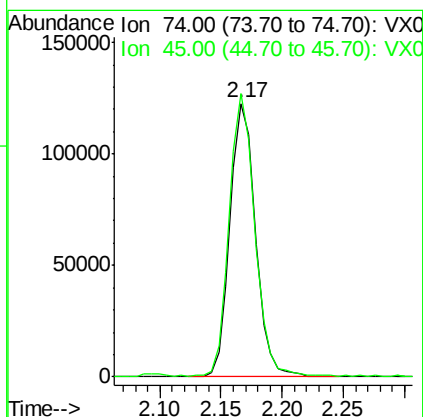
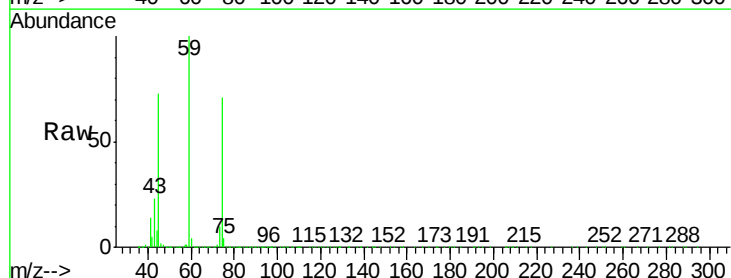
Tot Ion:101 Resp: 533111
Ion Ratio Lower Upper
101 100
103 63.3 51.8 77.8

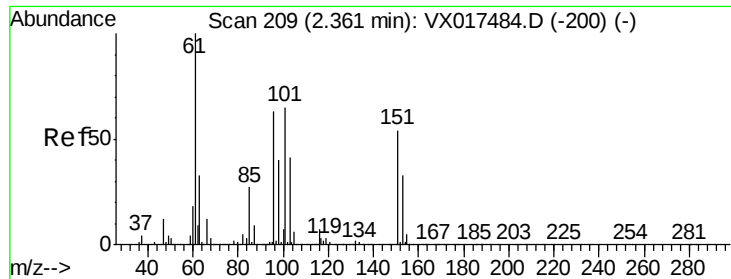


#8

Diethyl Ether
Concen: 47.124 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion: 74 Resp: 175683
Ion Ratio Lower Upper
74 100
45 103.7 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.107 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017665.D

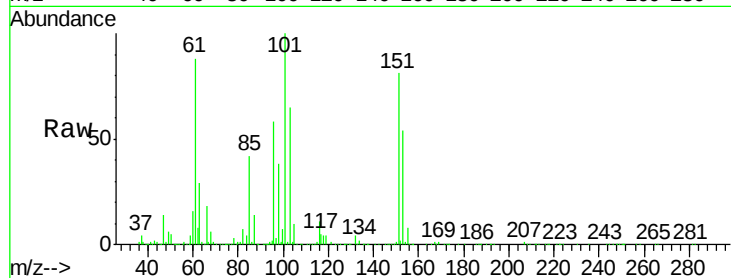
Acq: 29 Jul 2020 10:32

Instrument :

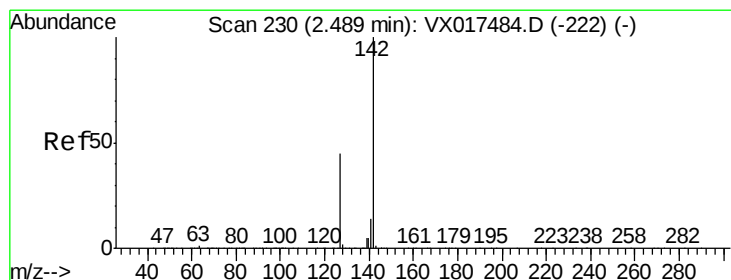
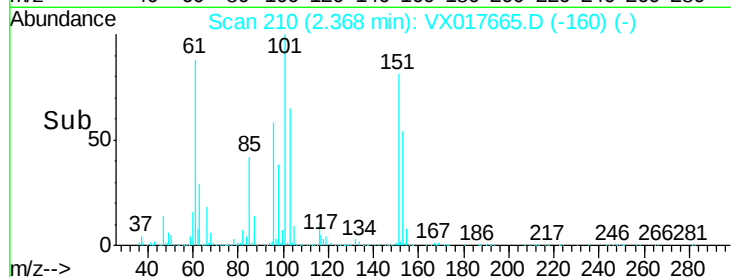
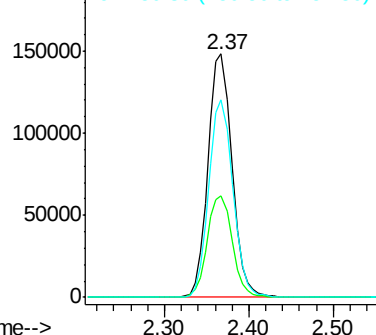
MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	284166
Ion	Ratio	Lower	Upper
101	100		
85	43.4	34.8	52.2
151	81.7	68.0	102.0



Abundance Ion 100.90 (100.60 to 101.60): V
 200000 Ion 84.90 (84.60 to 85.60): VX0
 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.326 ug/l

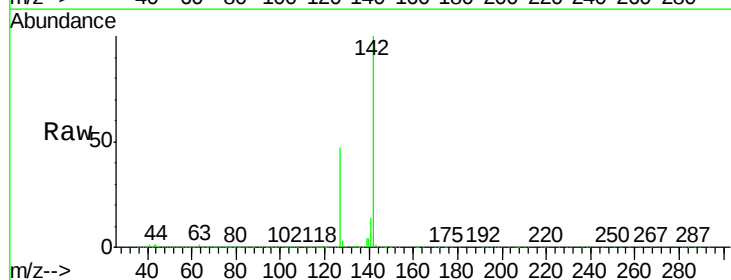
RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

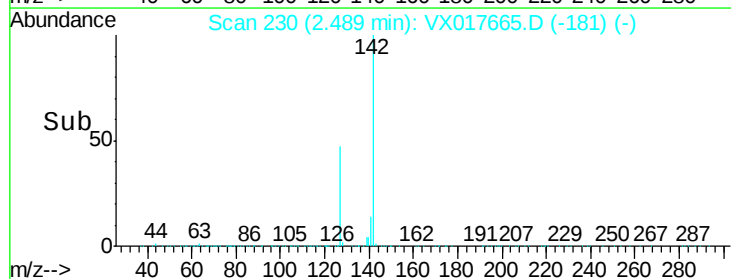
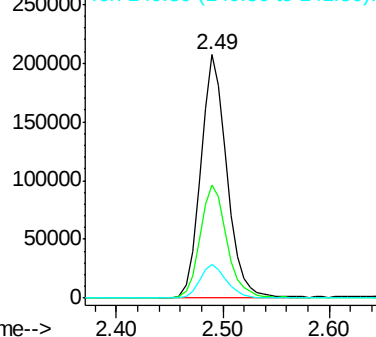
Lab File: VX017665.D

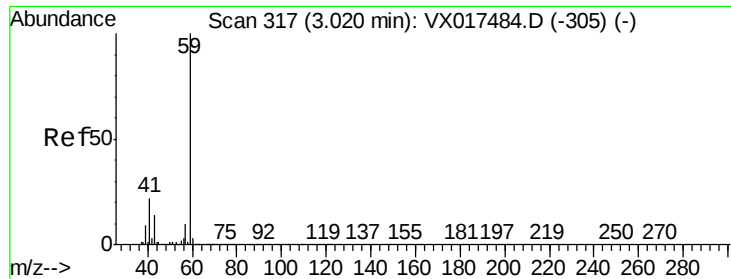
Acq: 29 Jul 2020 10:32

Tgt Ion:	142	Resp:	357253
Ion	Ratio	Lower	Upper
142	100		
127	48.0	35.9	53.9
141	14.2	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
 250000 Ion 126.80 (126.50 to 127.50): V
 140.80 (140.50 to 141.50): V



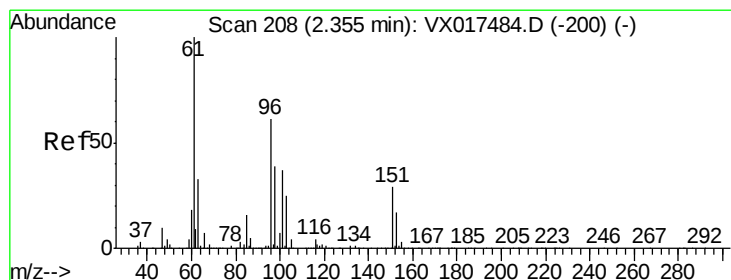
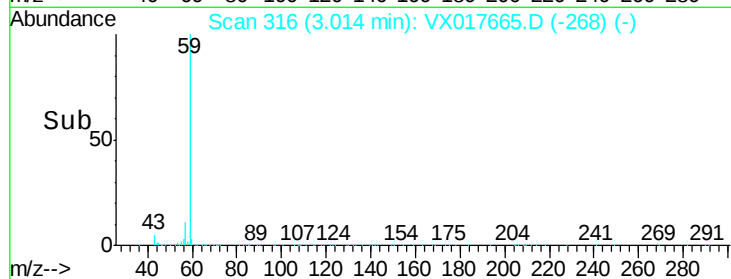
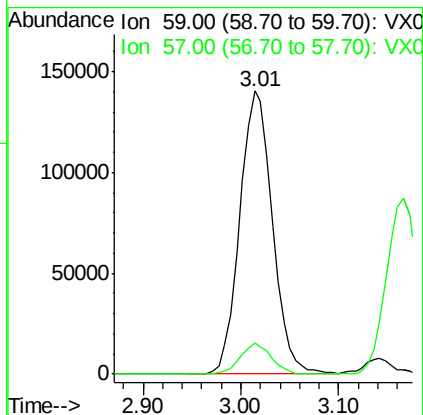
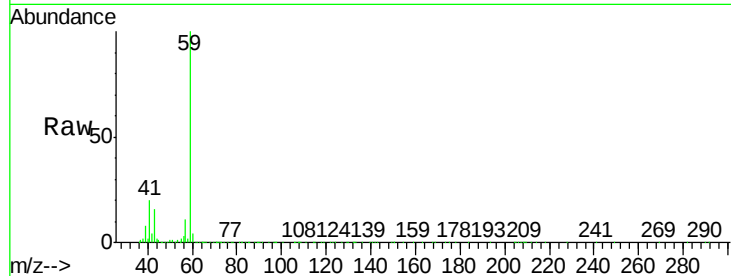


#11

Tert butyl alcohol
Concen: 206.278 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :

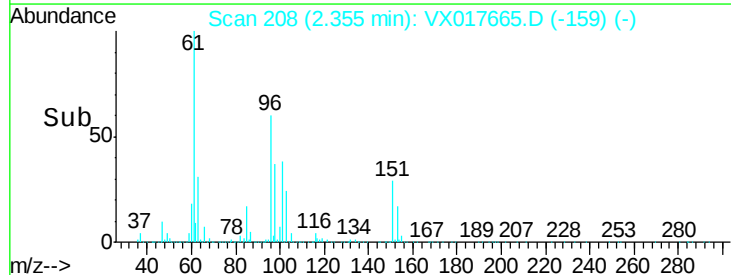
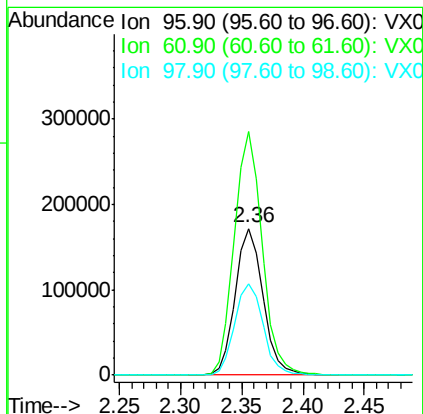
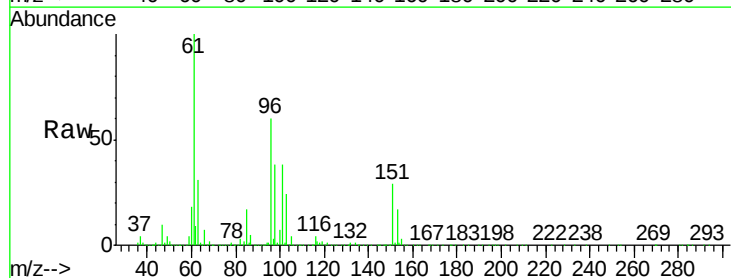
Tot Ion: 59 Resp: 323909
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

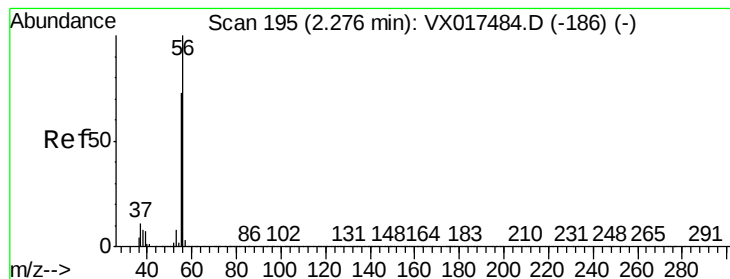


#12

1,1-Dichloroethene
Concen: 44.861 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion: 96 Resp: 268758
Ion Ratio Lower Upper
96 100
61 166.1 134.0 201.0
98 62.3 51.0 76.4





#13

Acrolein

Concen: 359.171 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

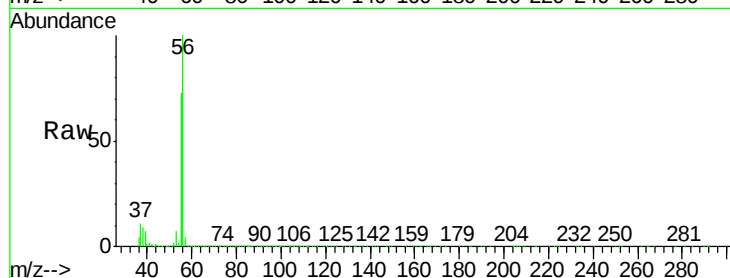
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 432808

Ion Ratio Lower Upper

56 100

55 73.3 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

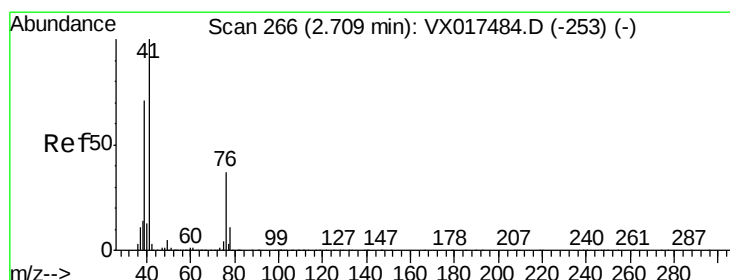
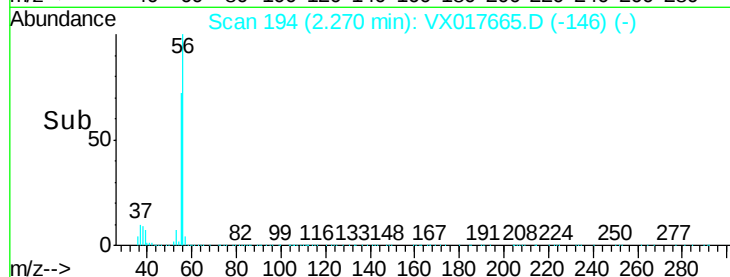
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 45.706 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

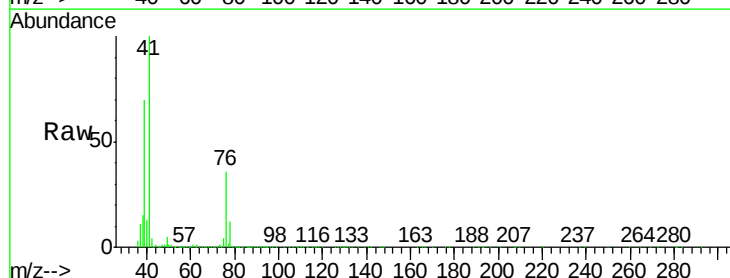
Tgt Ion: 41 Resp: 499981

Ion Ratio Lower Upper

41 100

39 66.9 51.9 77.9

76 33.6 25.5 38.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

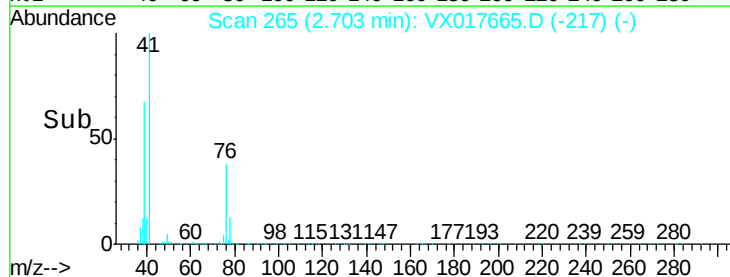
300000

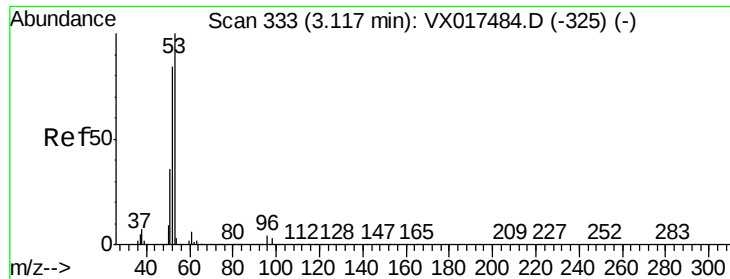
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 223.452 ug/l

RT: 3.11 min Scan# 332

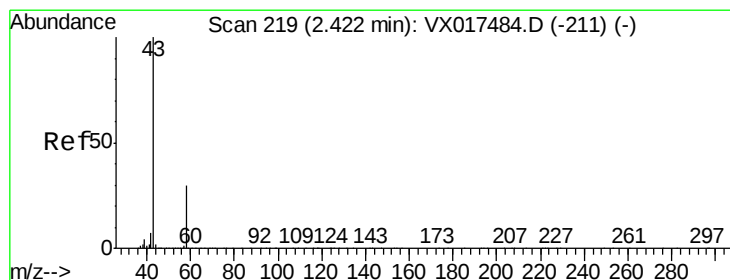
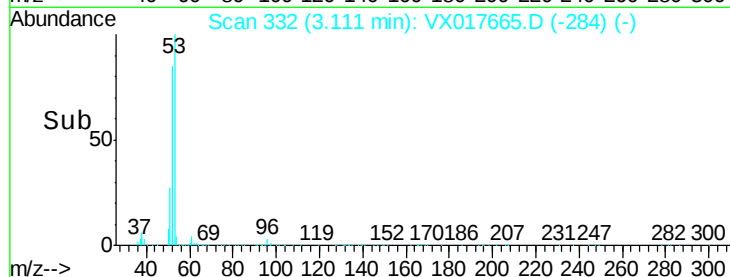
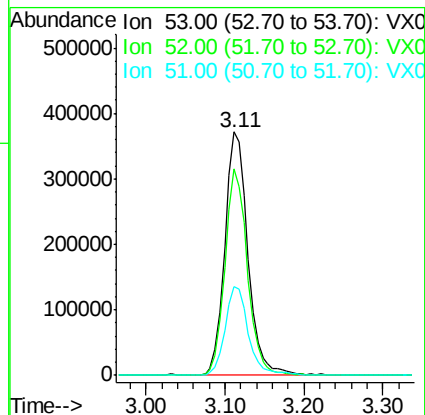
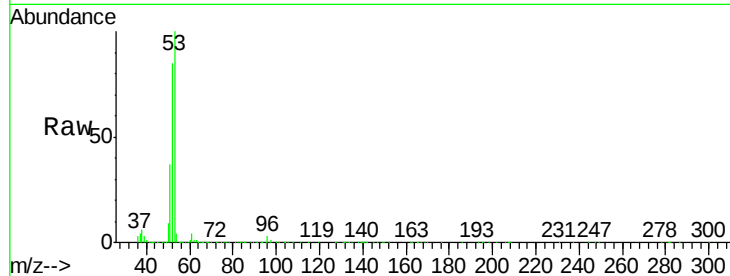
Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	757852
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	99.8
51	36.8	29.4	44.2



#16

Acetone

Concen: 200.415 ug/l

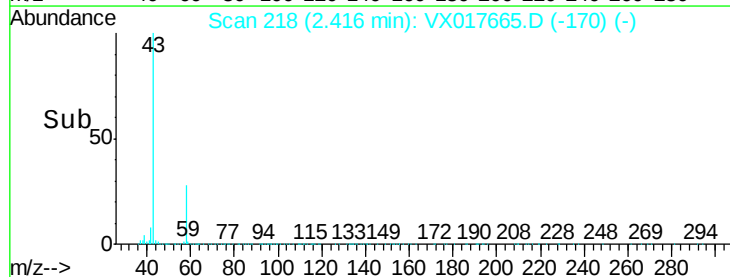
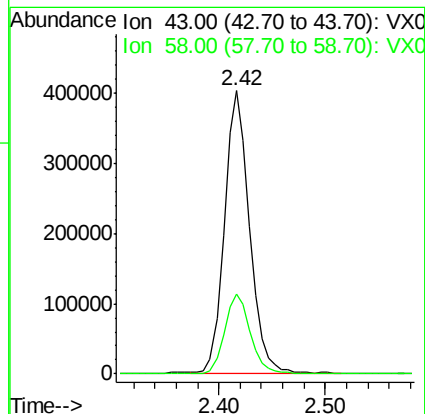
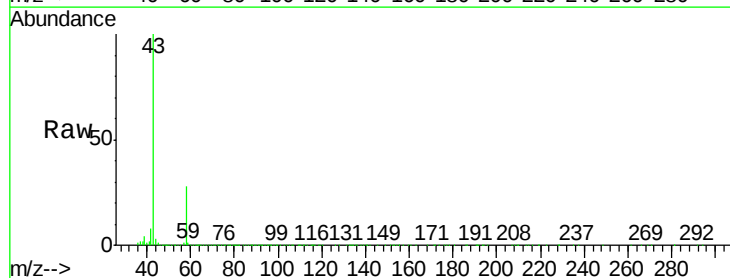
RT: 2.42 min Scan# 218

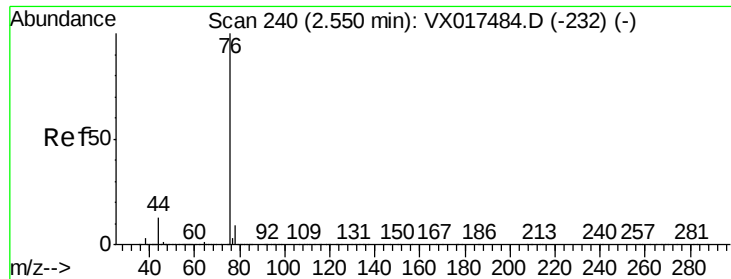
Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Tgt Ion:	43	Resp:	657205
Ion	Ratio	Lower	Upper
43	100		
58	28.4	24.2	36.4





#17

Carbon Disulfide

Concen: 42.139 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

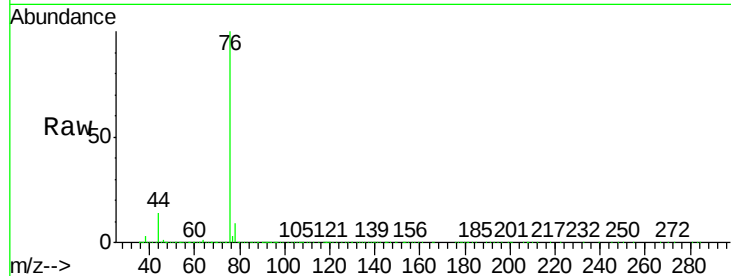
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 767330

Ion Ratio Lower Upper

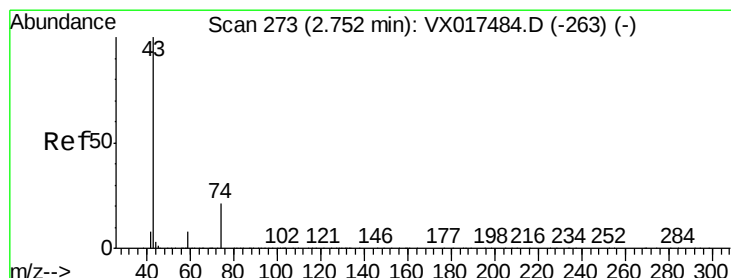
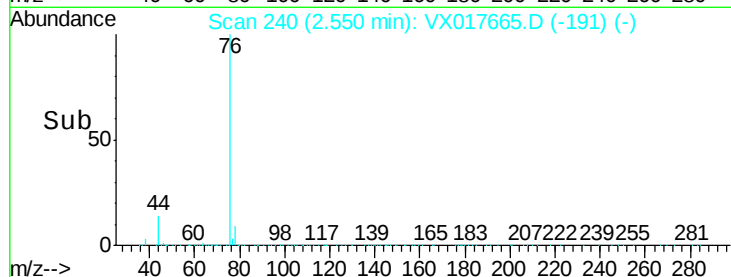
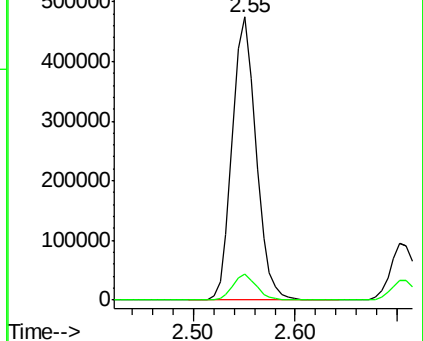
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.789 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017665.D

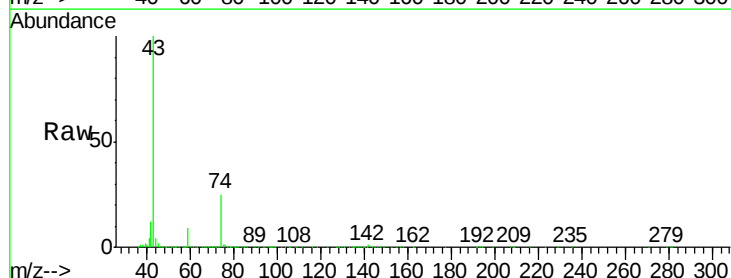
Acq: 29 Jul 2020 10:32

Tgt Ion: 43 Resp: 338185

Ion Ratio Lower Upper

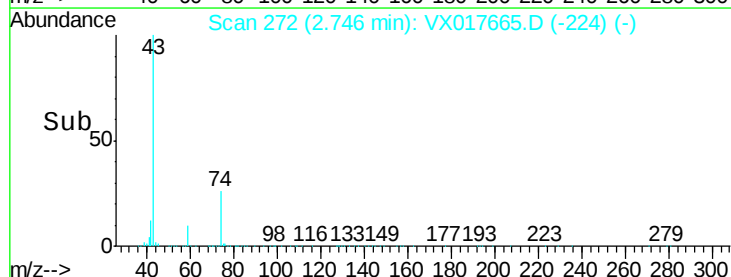
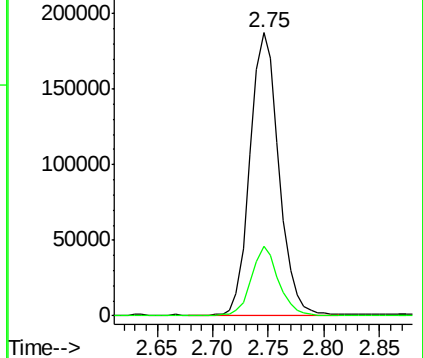
43 100

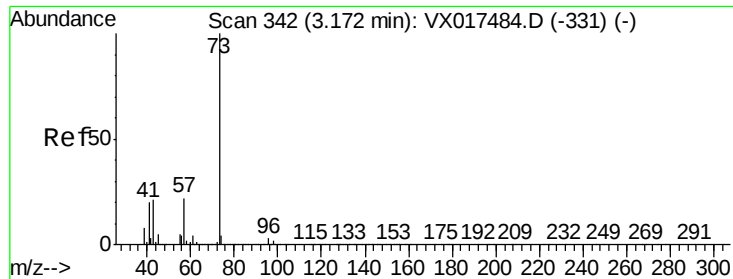
74 23.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

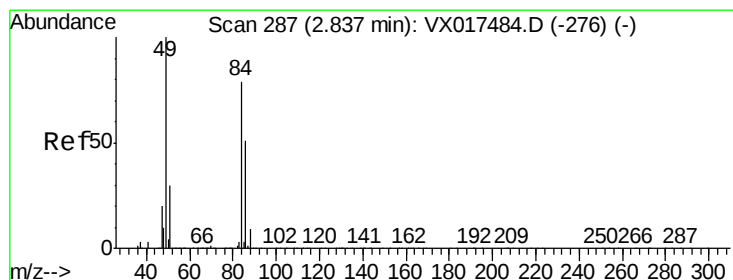
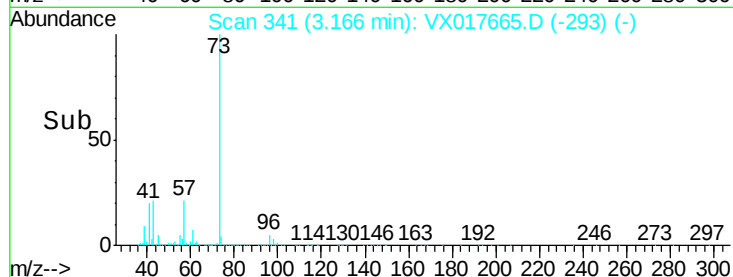
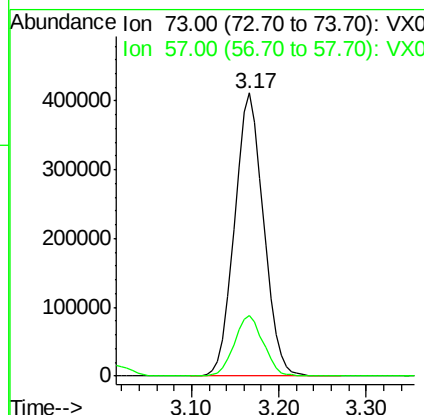
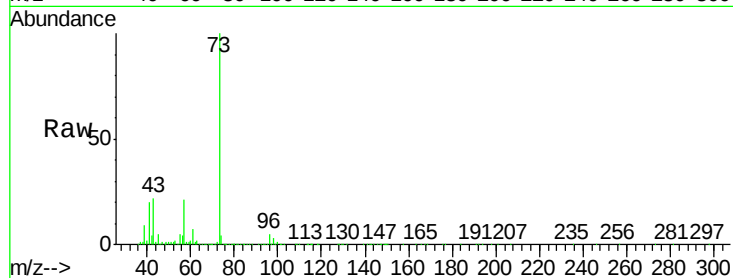




#19
Methvl tert-butvl Ether
Concen: 45.776 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

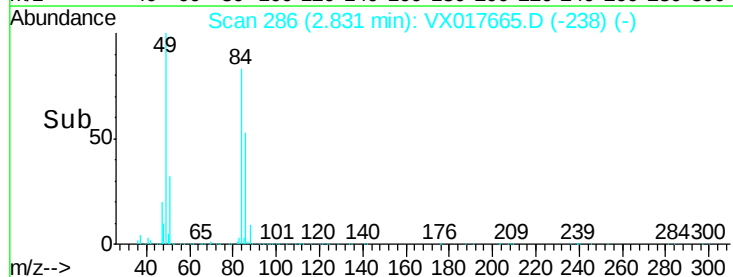
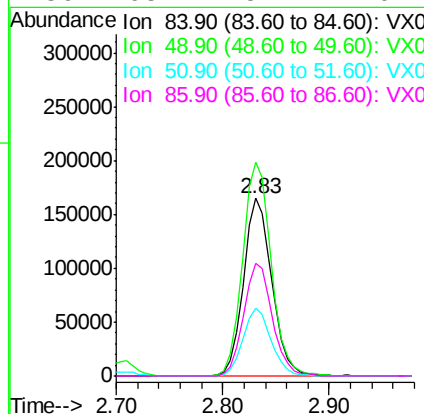
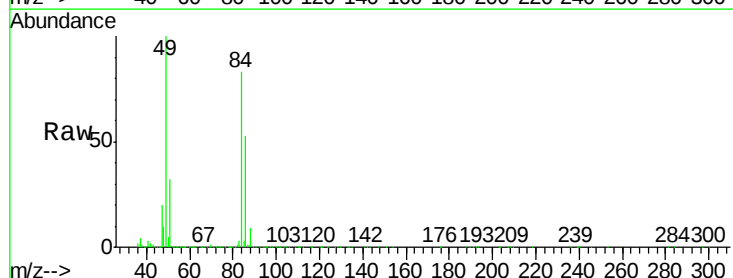
Instrument :
MSVOA_X
ClientSampleId :

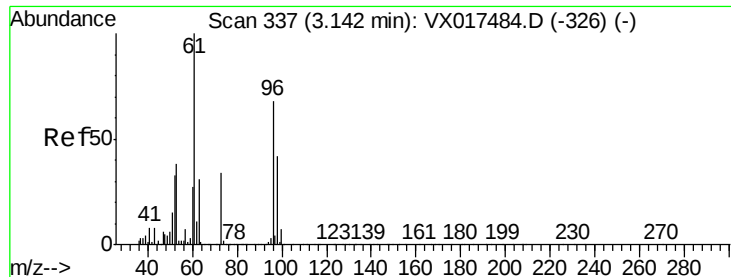
Tot Ion: 73 Resp: 949185
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4



#20
Methylene Chloride
Concen: 49.682 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion: 84 Resp: 306889
Ion Ratio Lower Upper
84 100
49 120.3 100.3 150.5
51 38.1 30.5 45.7
86 63.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.496 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

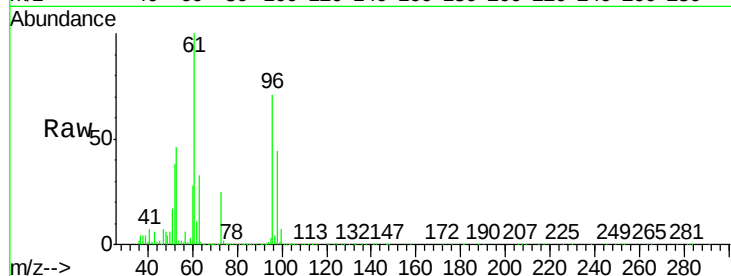
Tot Ion: 96 Resp: 298411

Ion Ratio Lower Upper

96 100

61 140.2 113.0 169.4

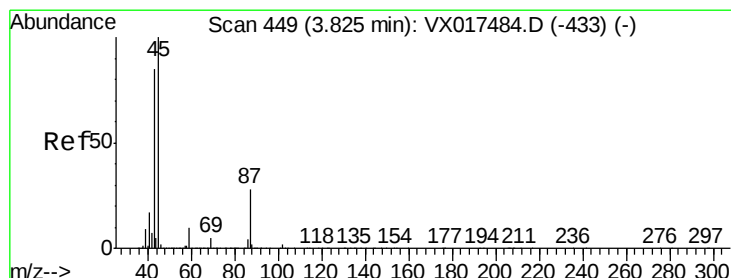
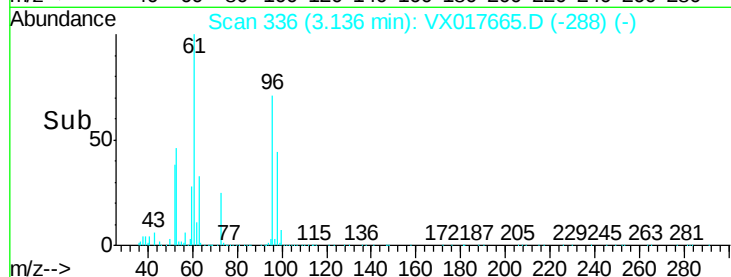
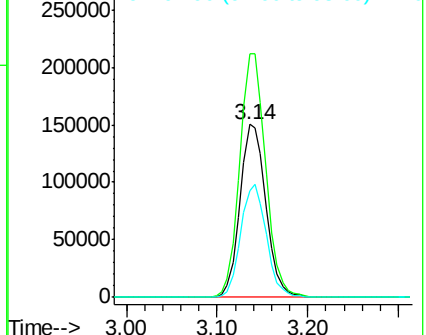
98 61.2 51.8 77.8



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: 47.429 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Tgt Ion: 45 Resp: 948663

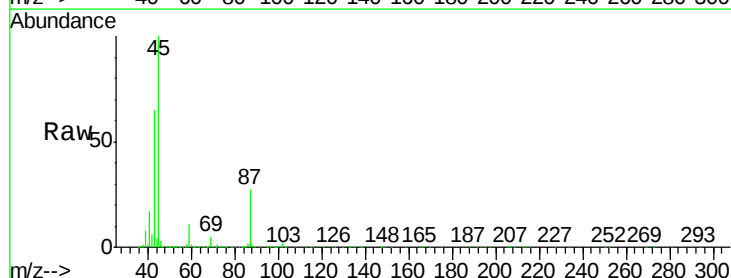
Ion Ratio Lower Upper

45 100

43 65.4 52.0 78.0

87 26.9 22.2 33.4

59 11.0 8.9 13.3

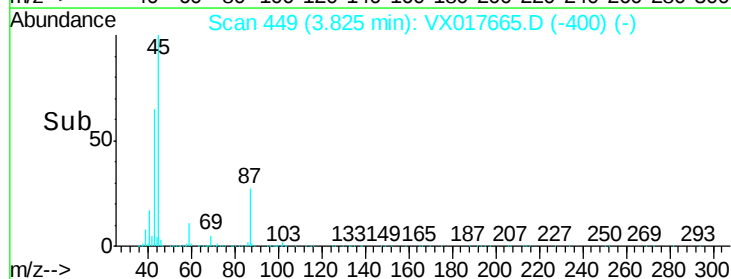
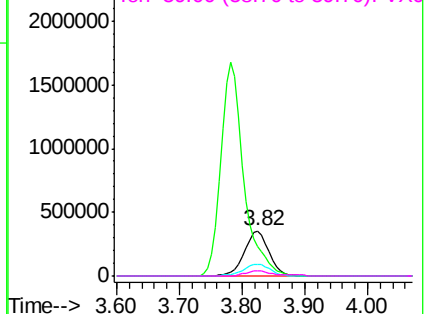


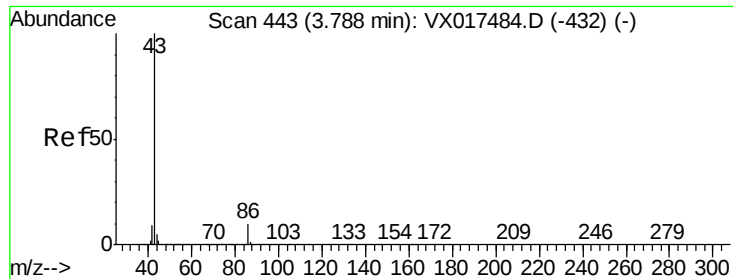
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 237.381 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

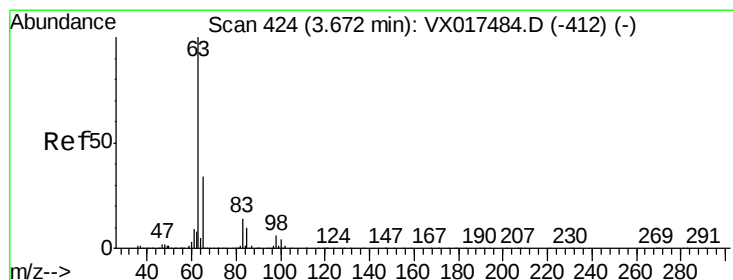
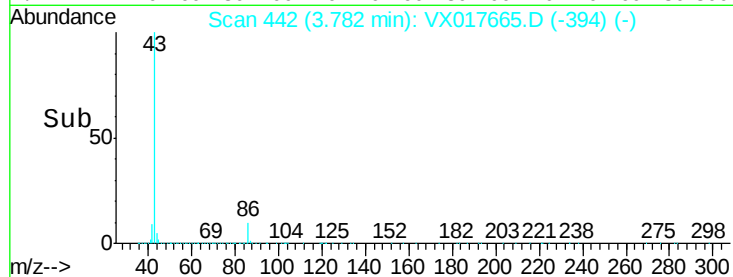
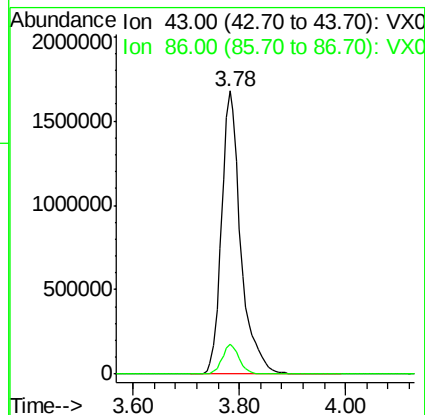
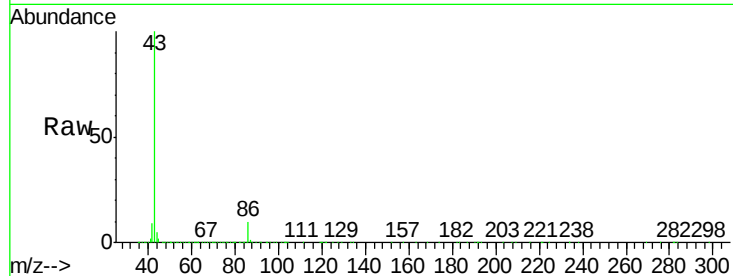
ClientSampled :

Tot Ion: 43 Resp: 4233501

Ion Ratio Lower Upper

43 100

86 10.4 8.2 12.4



#24

1,1-Dichloroethane

Concen: 46.449 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

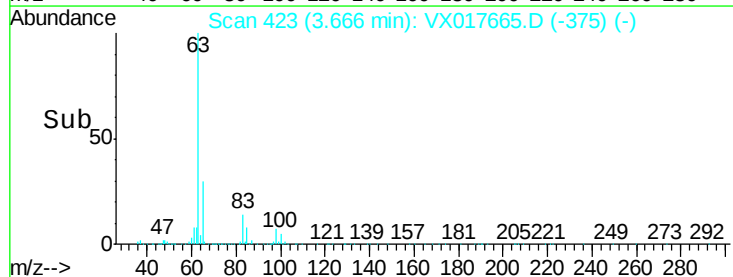
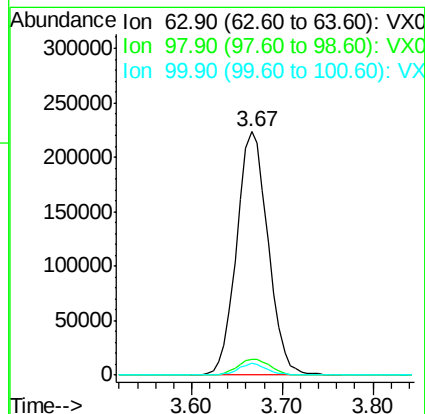
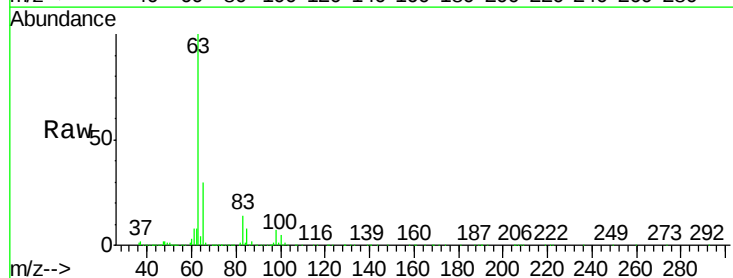
Tgt Ion: 63 Resp: 535196

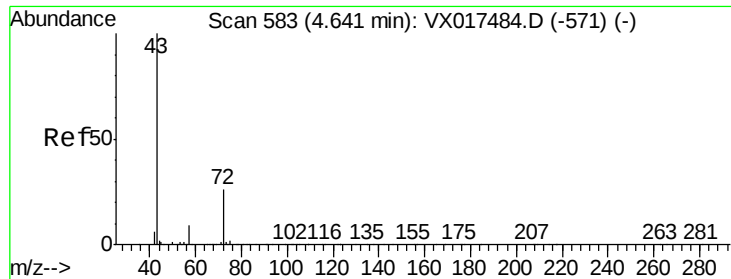
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.6 1.9 5.7





#25

2-Butanone

Concen: 225.437 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

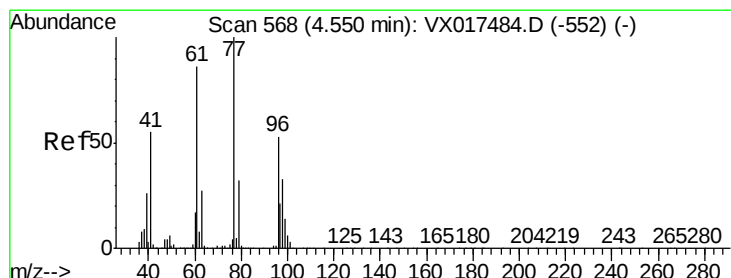
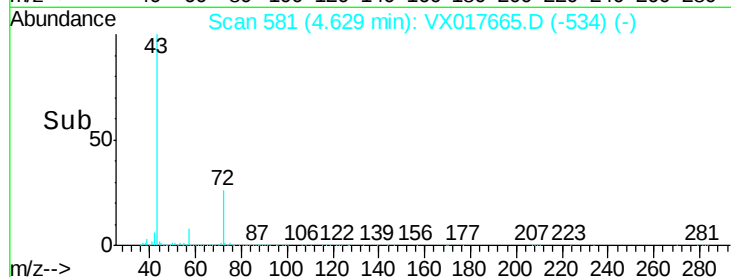
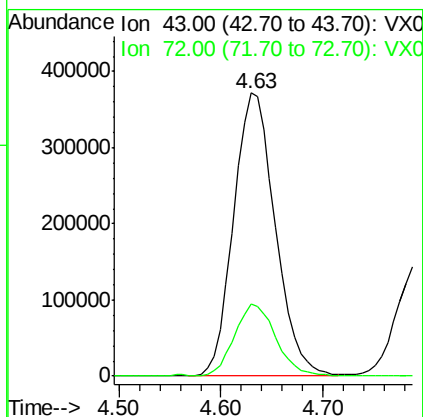
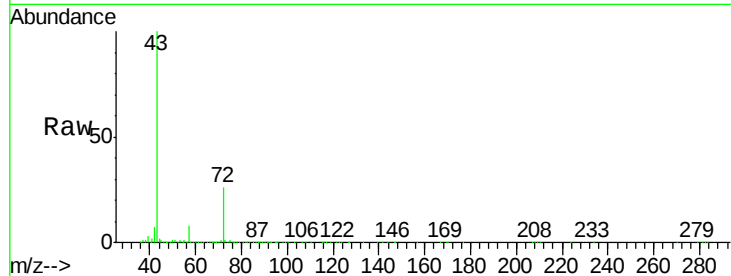
ClientSampled :

Tot Ion: 43 Resp: 1050193

Ion Ratio Lower Upper

43 100

72 25.5 19.0 28.4



#26

2,2-Dichloropropane

Concen: 50.492 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017665.D

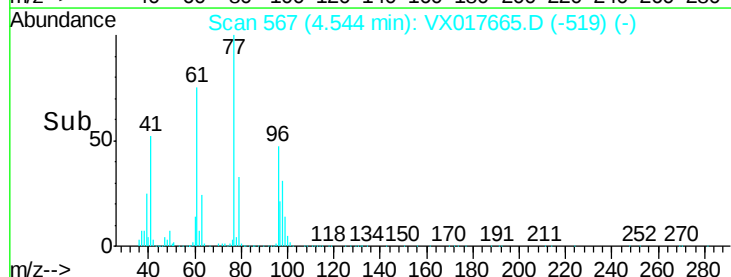
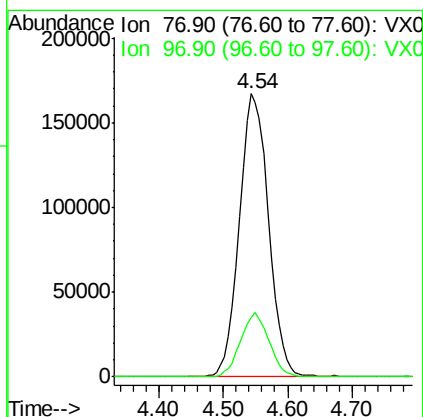
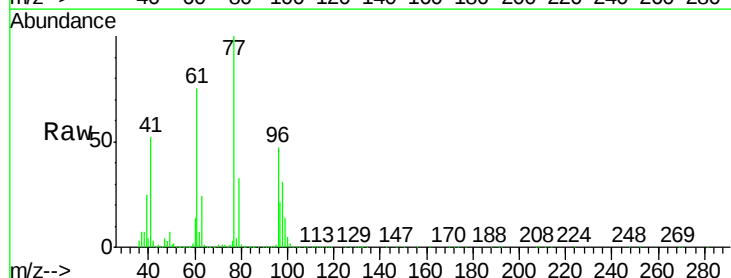
Acq: 29 Jul 2020 10:32

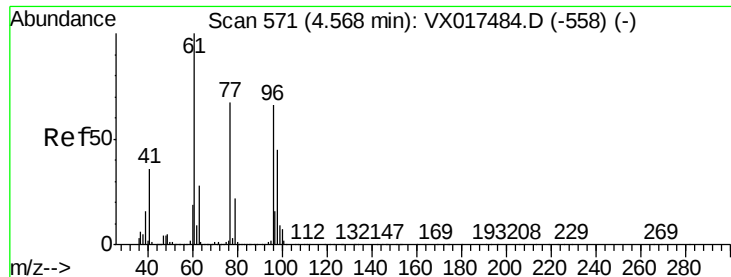
Tgt Ion: 77 Resp: 520779

Ion Ratio Lower Upper

77 100

97 22.1 10.9 32.9



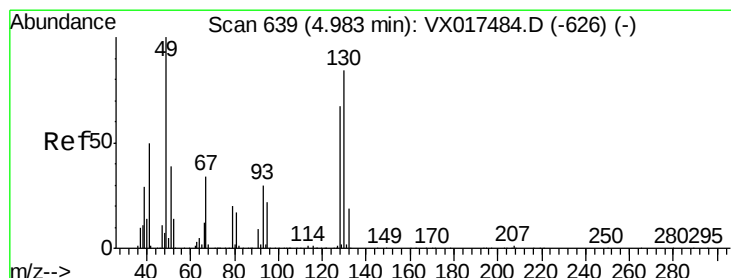
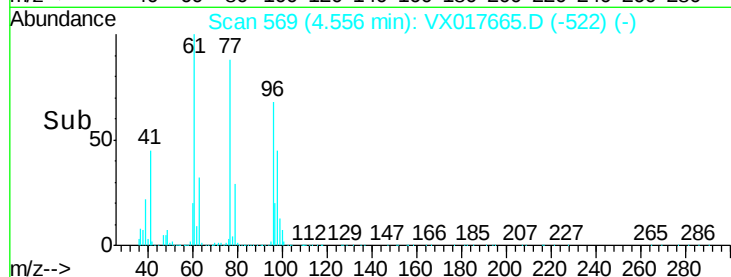
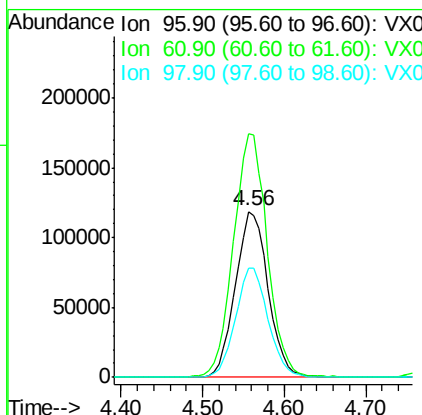
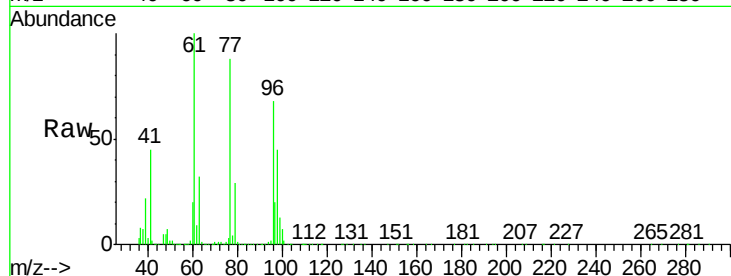


#27

cis-1,2-Dichloroethene
Concen: 47.198 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :

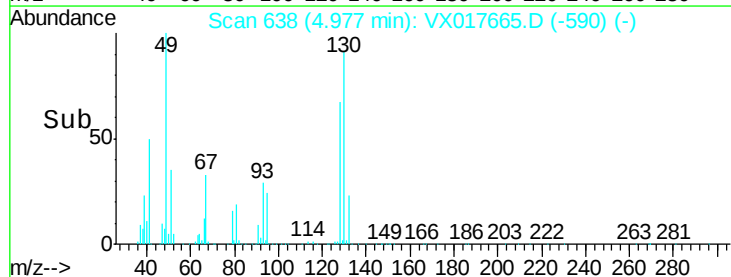
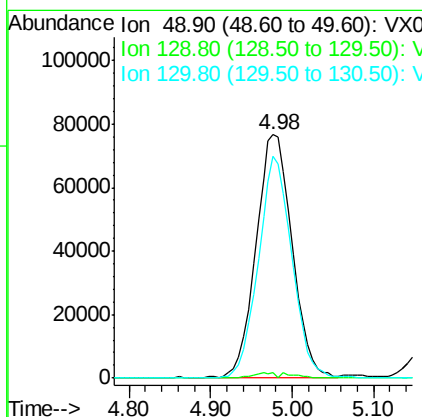
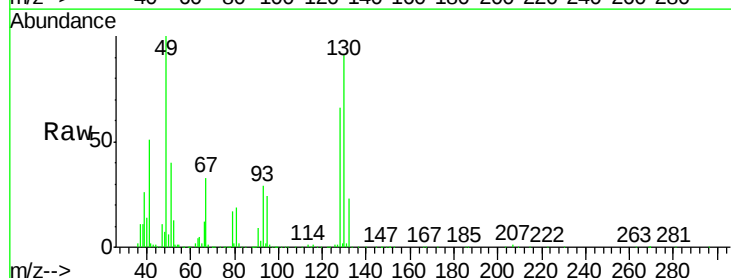
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	301.2
98	65.9	0.0	130.0

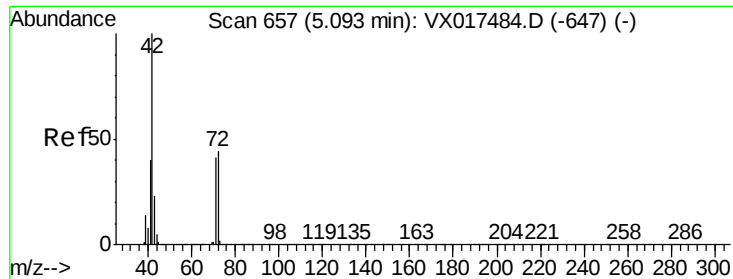


#28

Bromochloromethane
Concen: 45.088 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.6
130	84.9	66.7	100.1





#29

Tetrahydrofuran

Concen: 231.676 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :

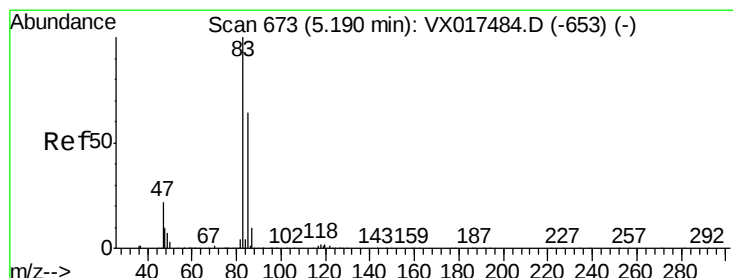
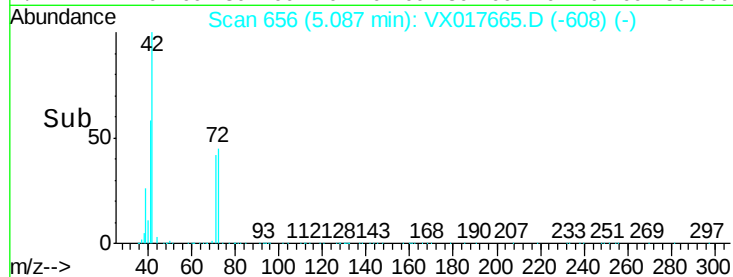
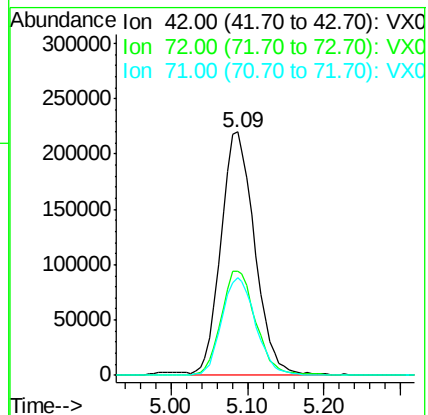
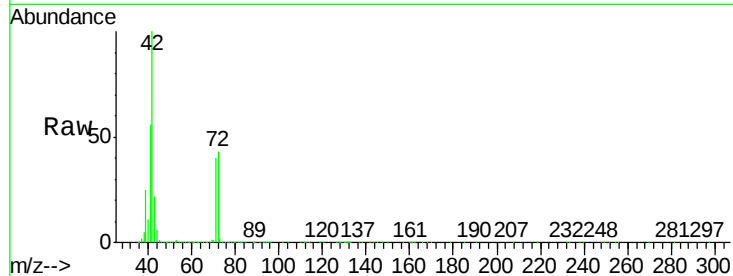
Tot Ion: 42 Resp: 668519

Ion Ratio Lower Upper

42 100

72 44.1 35.5 53.3

71 40.5 33.0 49.4



#30

Chloroform

Concen: 48.256 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.02 min

Lab File: VX017665.D

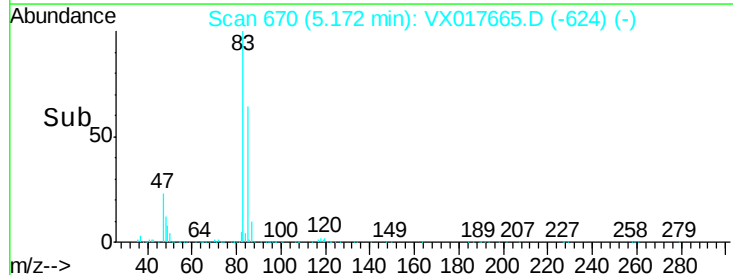
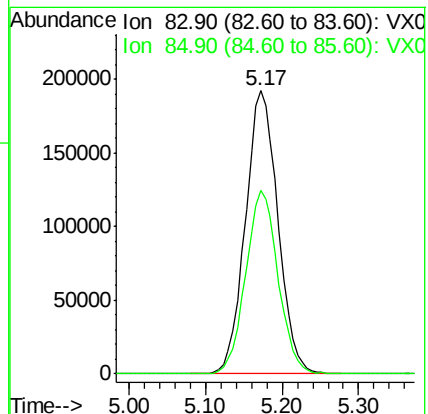
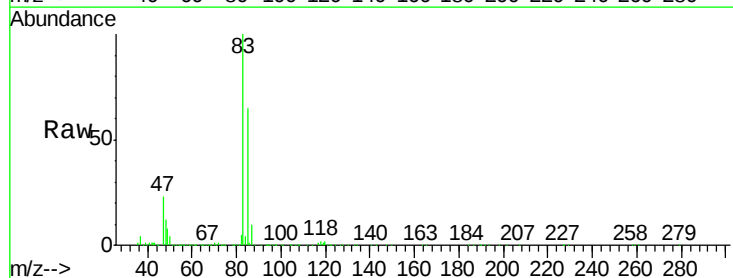
Acq: 29 Jul 2020 10:32

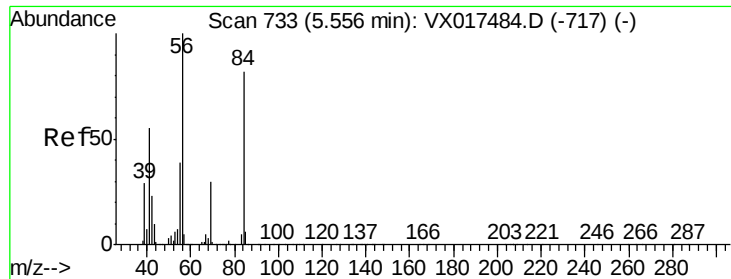
Tgt Ion: 83 Resp: 568129

Ion Ratio Lower Upper

83 100

85 64.7 51.4 77.2

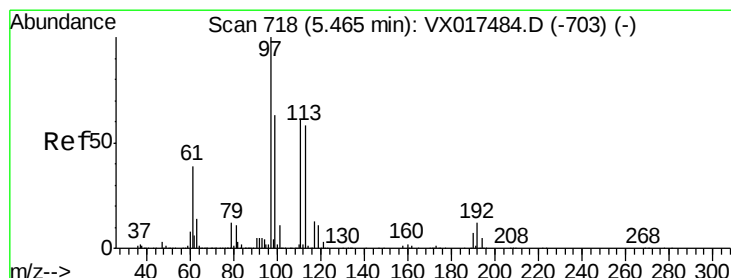
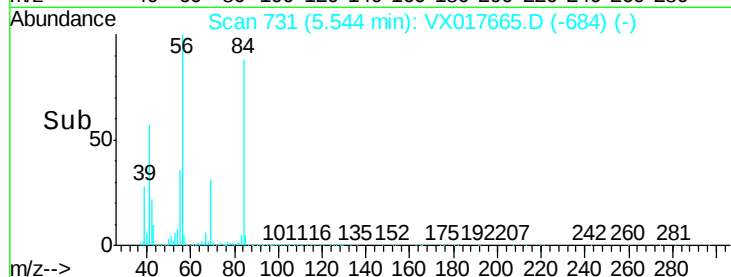
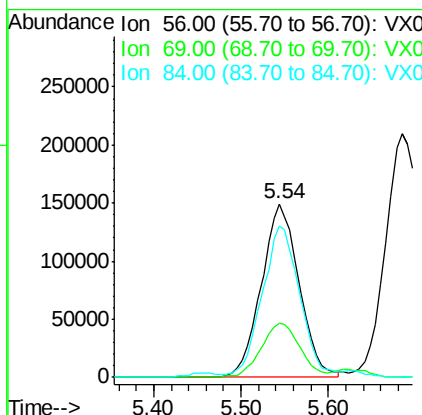
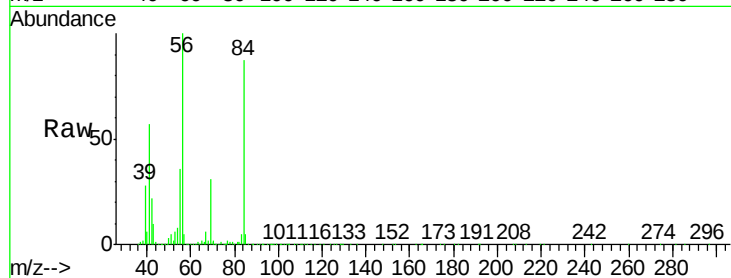




#31
Cyclohexane
Concen: 48.766 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

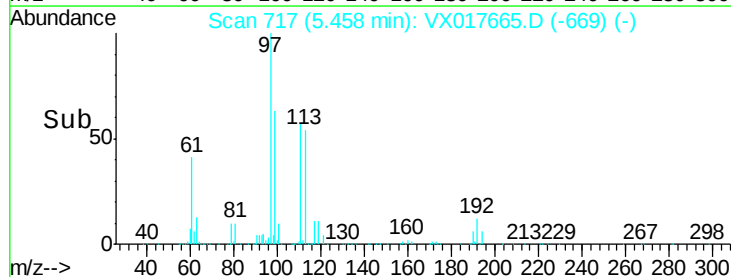
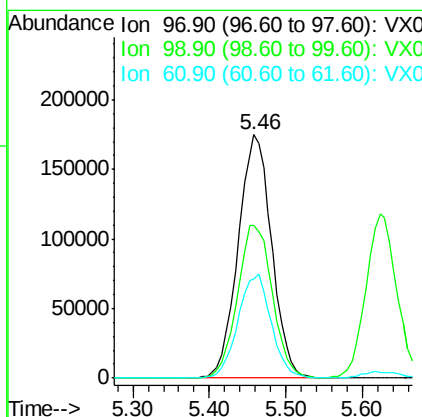
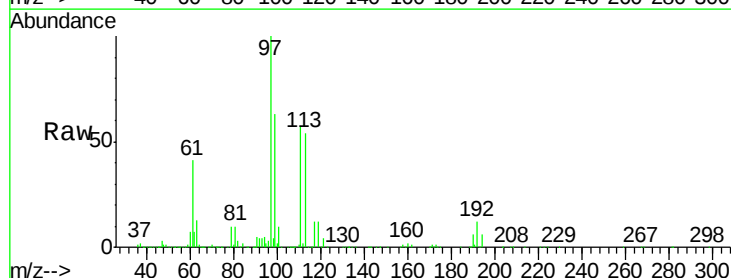
Instrument :
MSVOA_X
ClientSampleId :

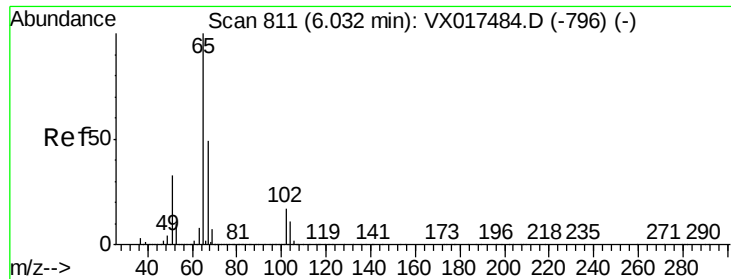
Tot Ion: 56 Resp: 448079
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.4
84 86.3 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 47.876 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion: 97 Resp: 531516
Ion Ratio Lower Upper
97 100
99 65.6 51.9 77.9
61 42.2 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 49.535 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

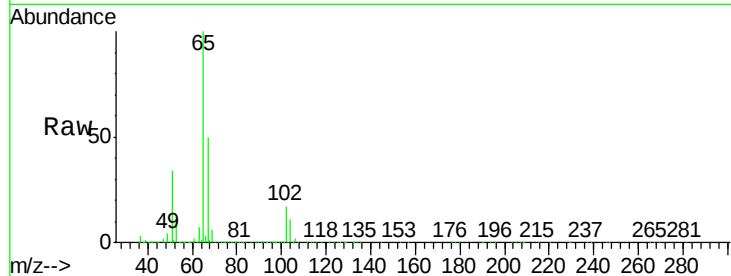
ClientSampleId :

Tot Ion: 65 Resp: 369060

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

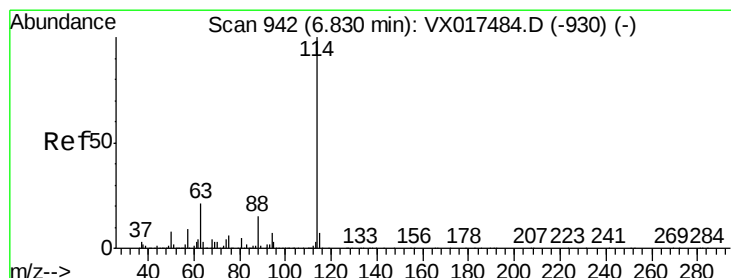
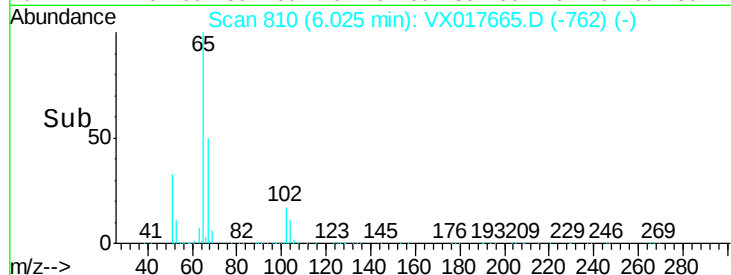
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

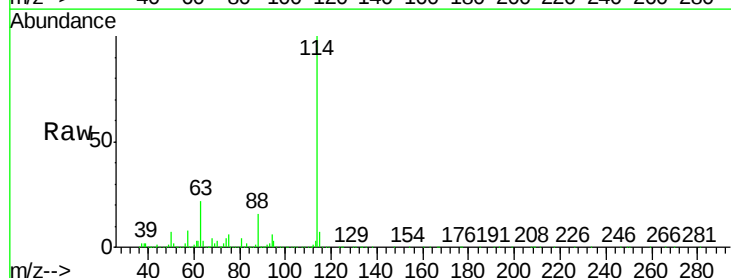
Tgt Ion: 114 Resp: 857352

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.6

88 16.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

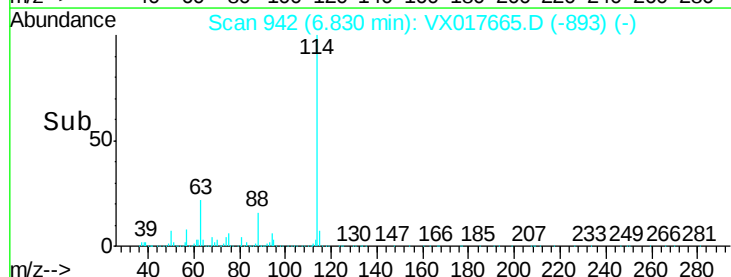
300000

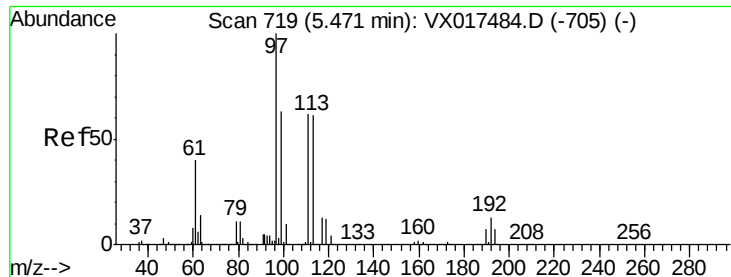
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.530 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

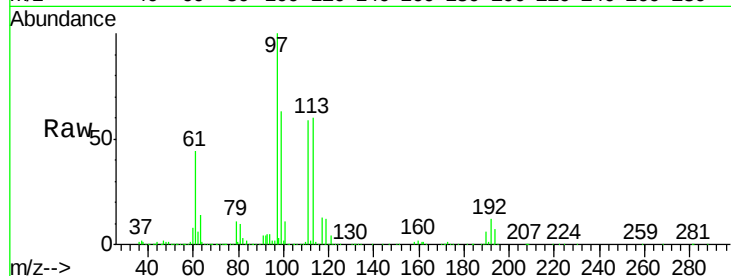
Tot Ion:113 Resp: 284003

Ion Ratio Lower Upper

113 100

111 102.3 80.7 121.1

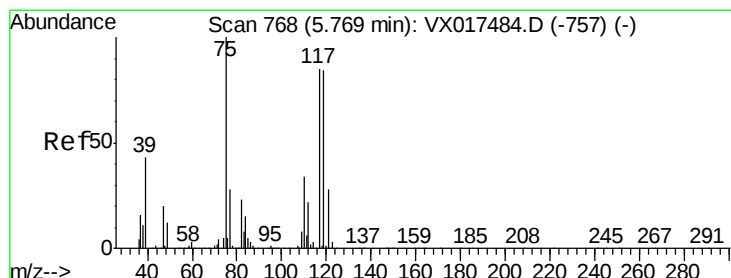
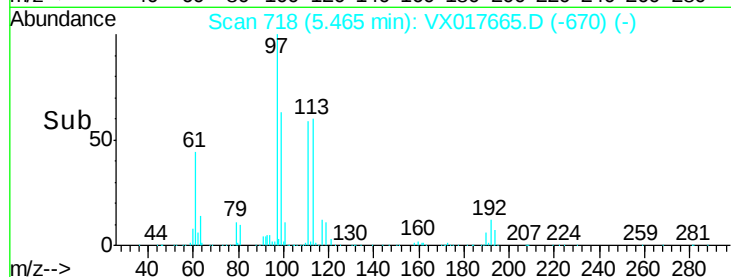
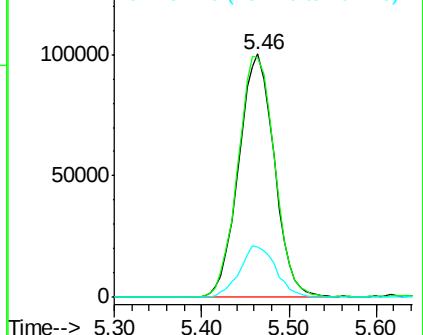
192 21.6 16.9 25.3



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: 50.941 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

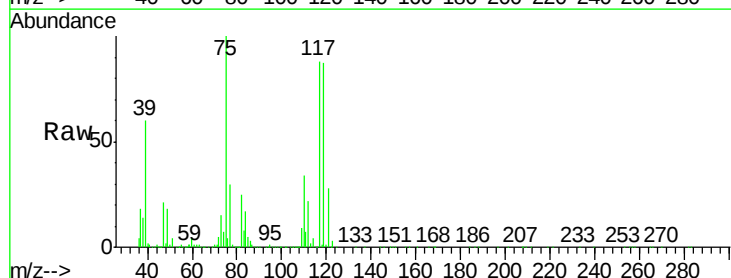
Tgt Ion: 75 Resp: 418876

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.3

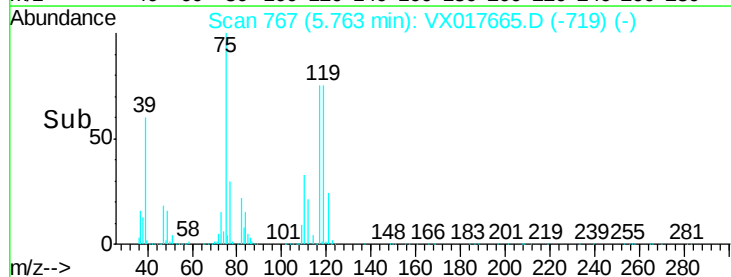
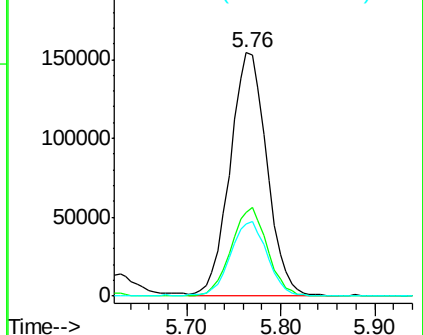
77 30.7 24.6 37.0

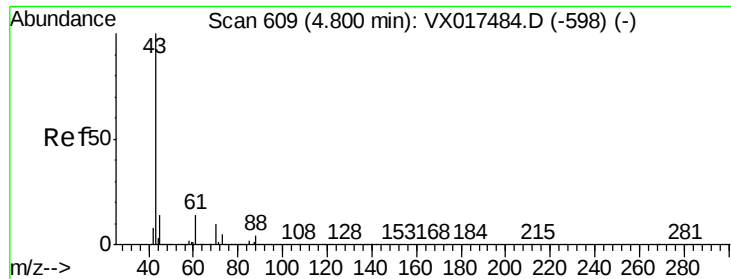


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

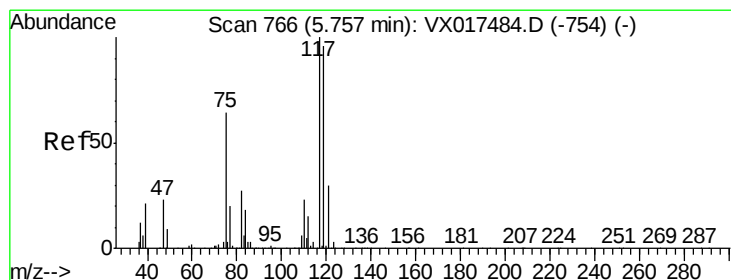
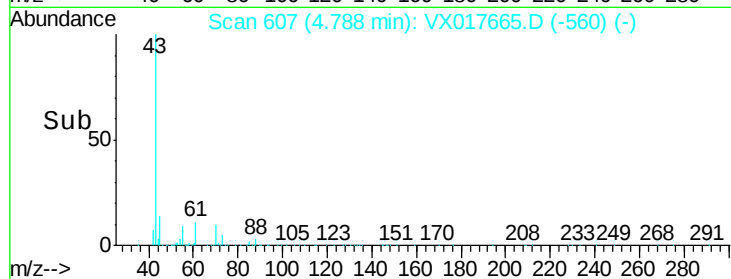
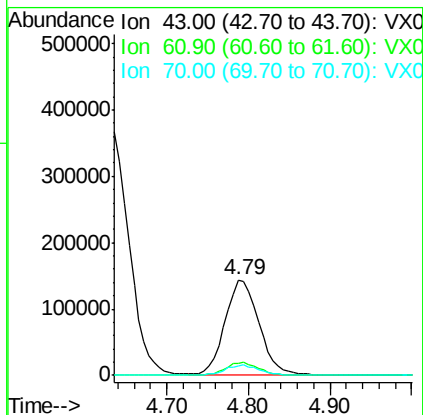
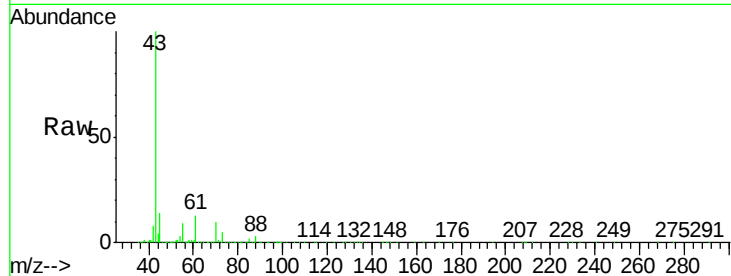




#37
Ethyl Acetate
Concen: 45.830 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

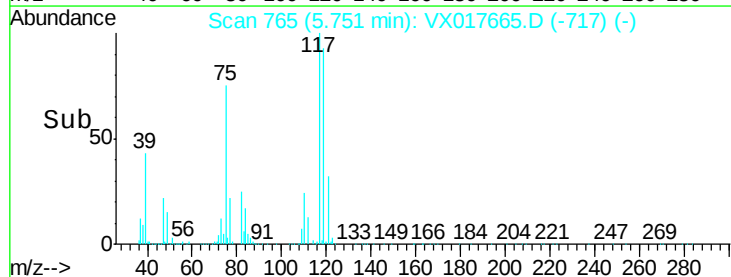
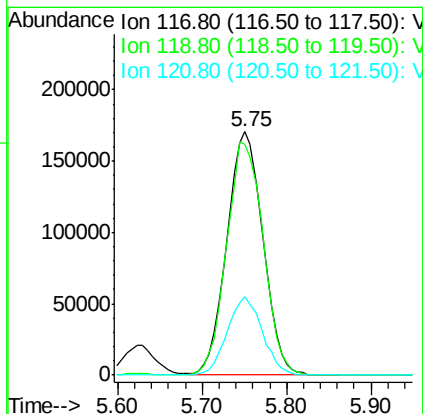
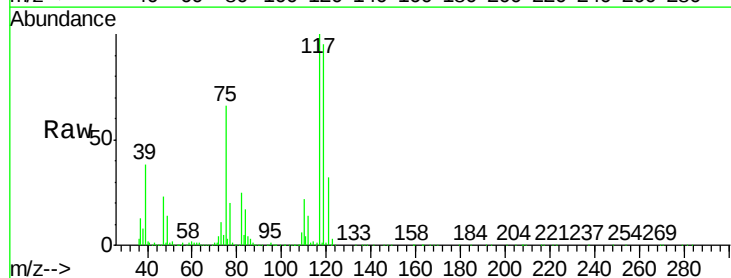
Instrument :
MSVOA_X
ClientSampleId :

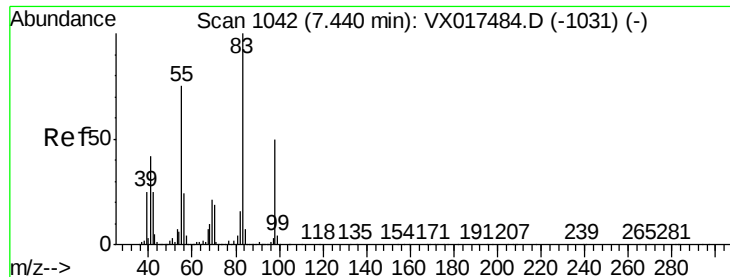
Tot Ion	43	Resp	412329
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.7	16.1
70	10.6	8.5	12.7



#38
Carbon Tetrachloride
Concen: 49.793 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	117	Resp	497208
Ion Ratio	Lower	Upper	
117	100		
119	94.6	75.4	113.0
121	32.4	24.3	36.5

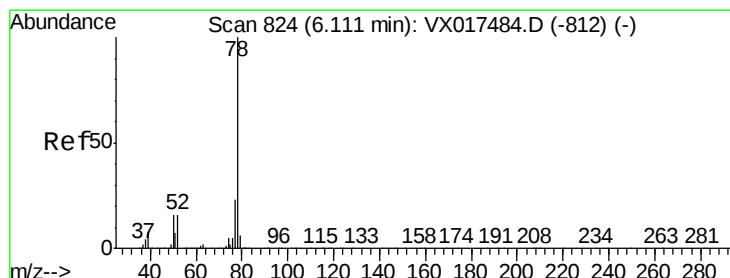
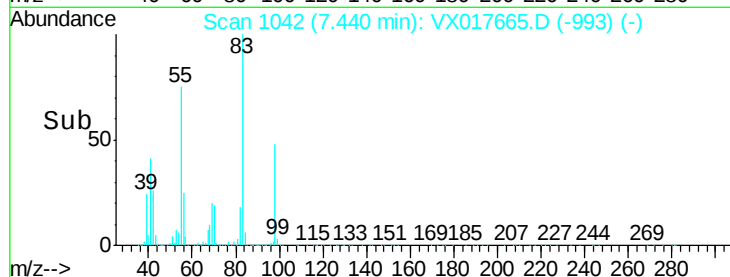
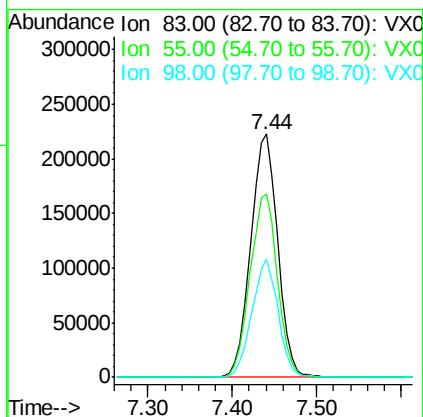
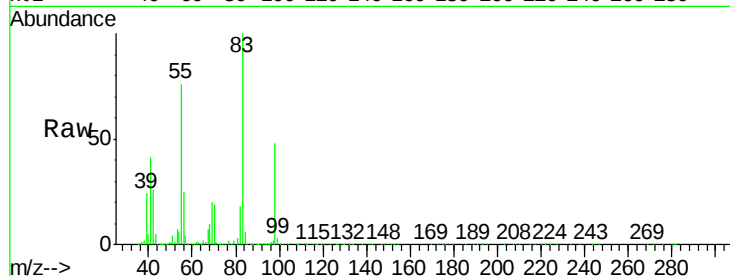




#39
Methvlcvclohexane
Concen: 50.223 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

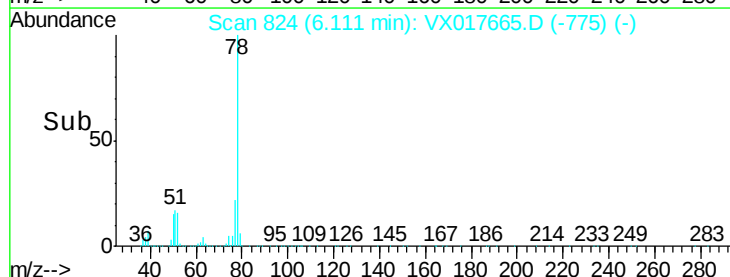
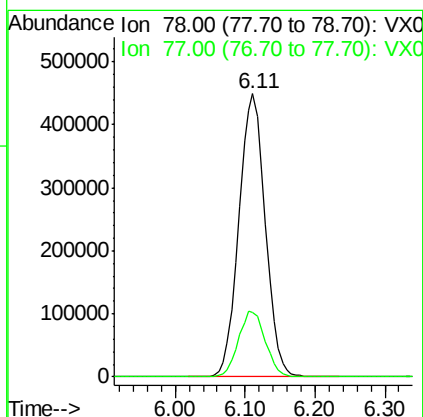
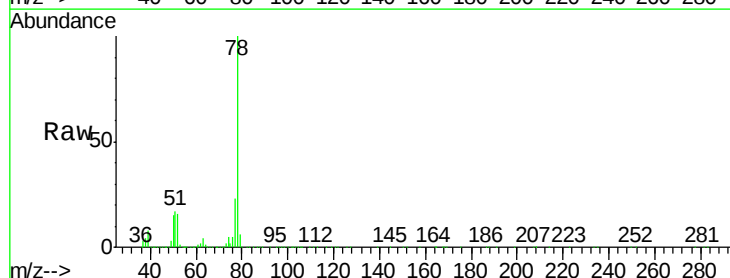
Instrument :
MSVOA_X
ClientSampleId :

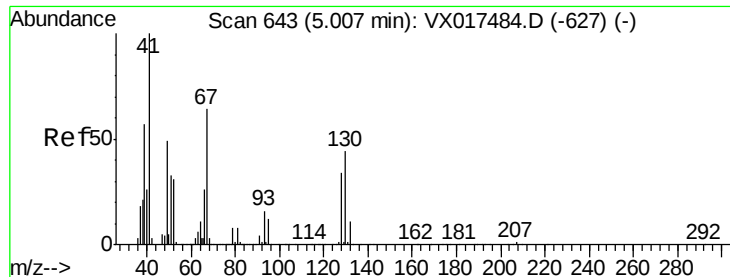
Tot Ion	83	Resp	482089
Ion Ratio	Lower	Upper	
83	100		
55	75.5	61.8	92.8
98	48.4	36.9	55.3



#40
Benzene
Concen: 49.922 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	78	Resp	1176869
Ion Ratio	Lower	Upper	
78	100		
77	22.6	19.4	29.2

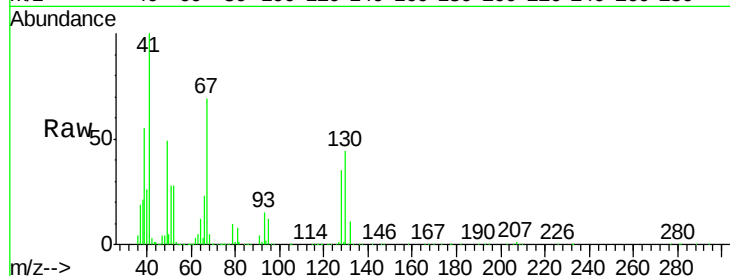




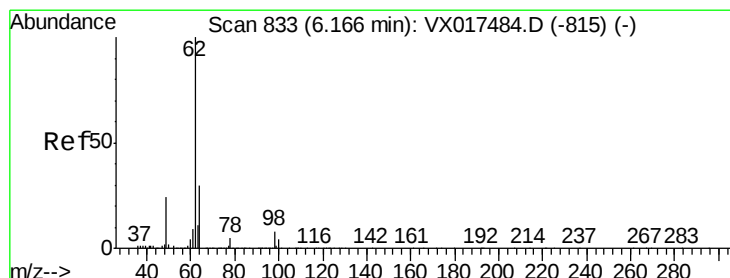
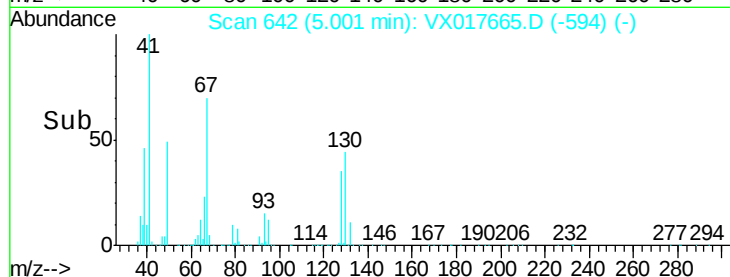
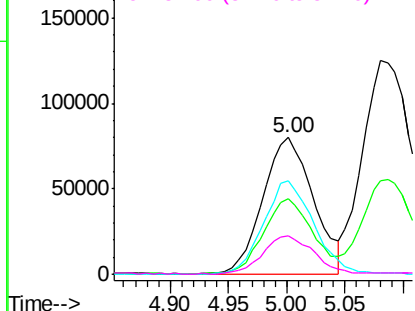
#41
Methacrylonitrile
Concen: 47.107 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	242928
Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.9	65.9
67	67.5	54.0	81.0
52	28.1	23.0	34.6

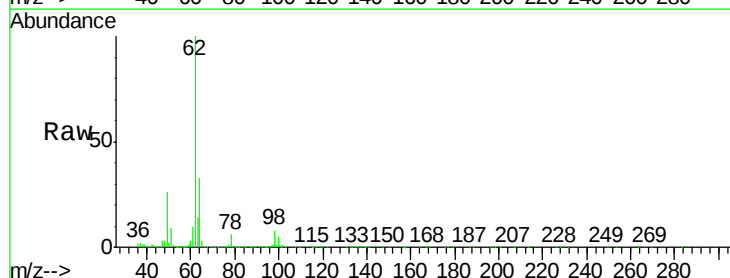


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

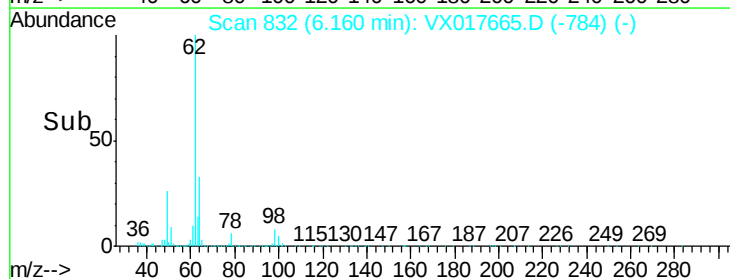
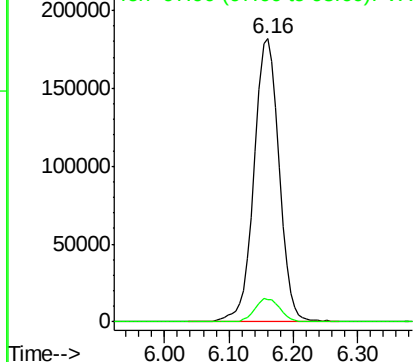


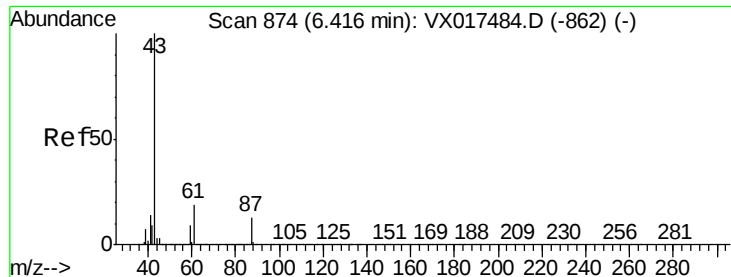
#42
1,2-Dichloroethane
Concen: 50.134 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion:	62	Resp:	483512
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.0



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



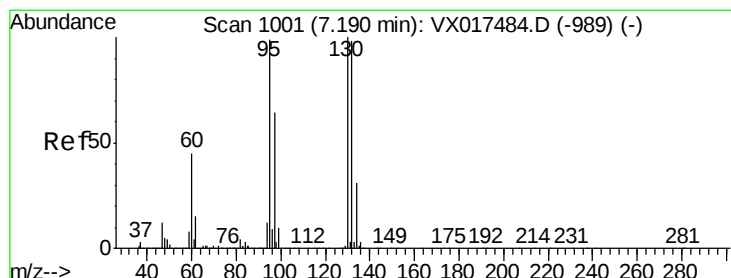
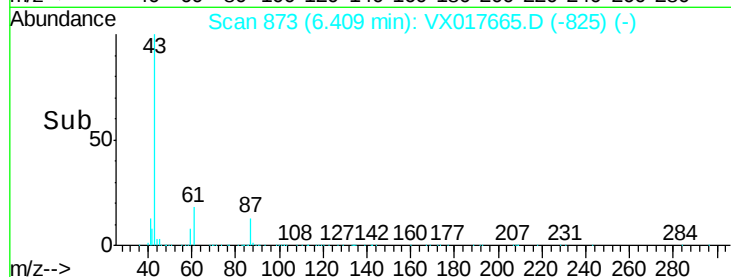
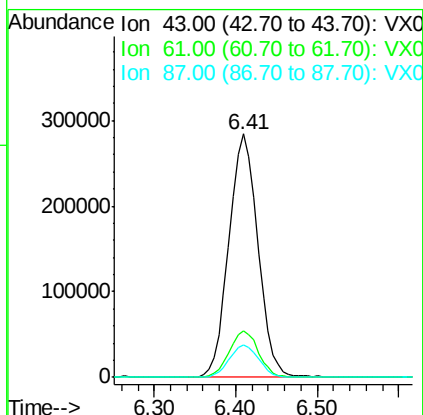
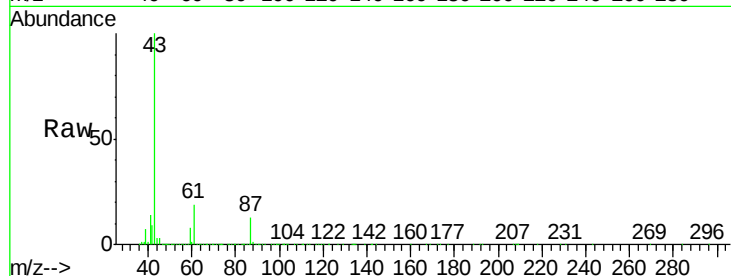


#43

Isopropyl Acetate
 Concen: 46.916 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :

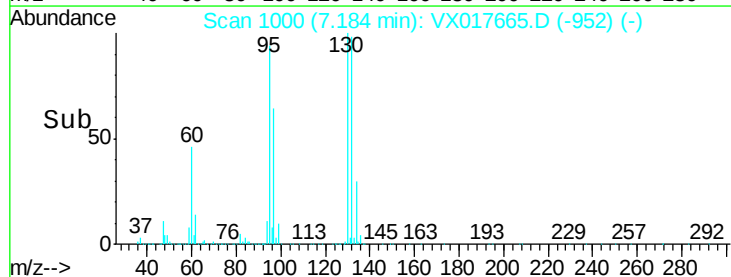
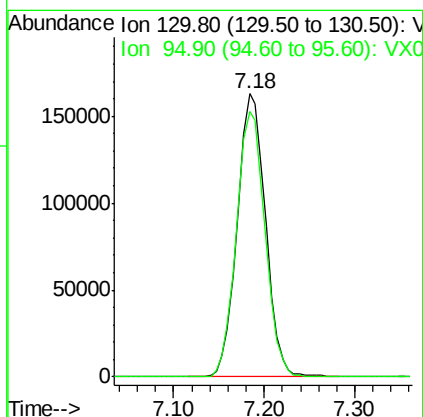
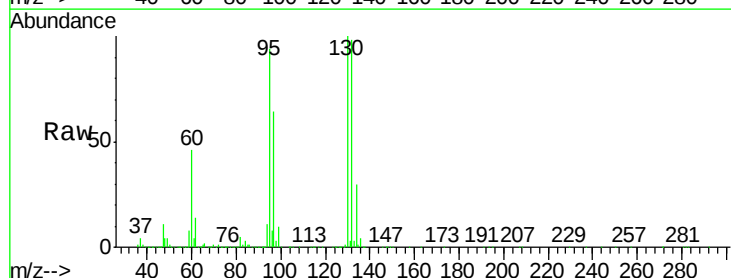
Tot Ion	43	Resp	696439
Ion Ratio	Lower	Upper	
43	100		
61	19.4	15.5	23.3
87	13.5	10.5	15.7

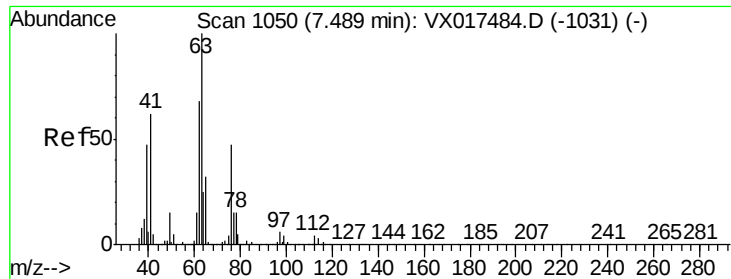


#44

Trichloroethene
 Concen: 51.135 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion	130	Resp	352293
Ion Ratio	Lower	Upper	
130	100		
95	93.9	0.0	189.0

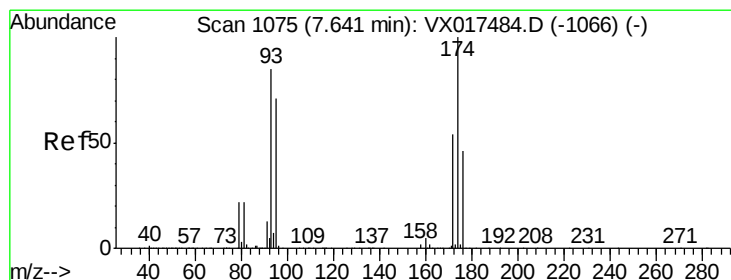
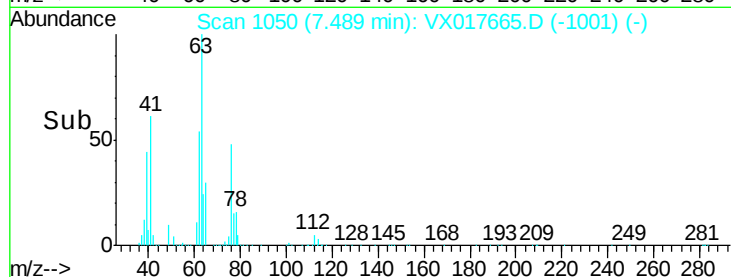
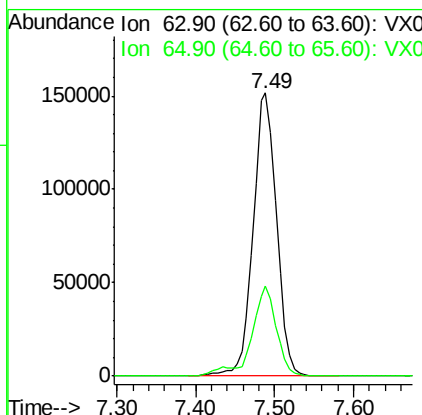
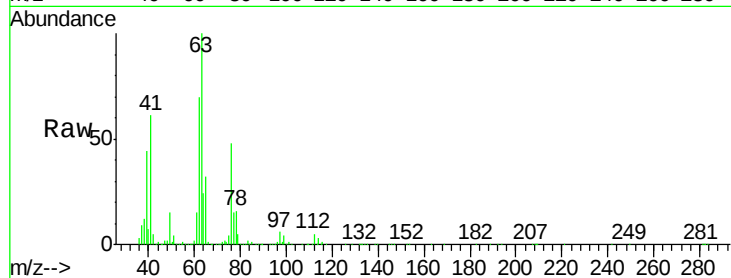




#45
 1,2-Dichloropropane
 Concen: 47.750 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

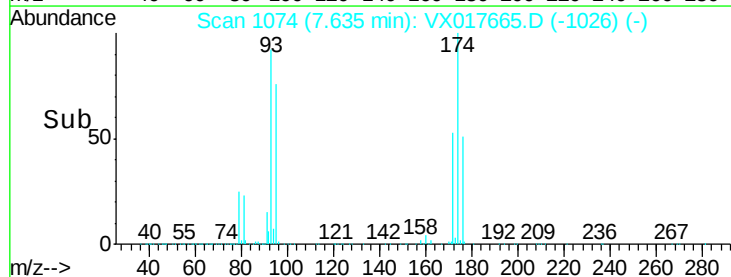
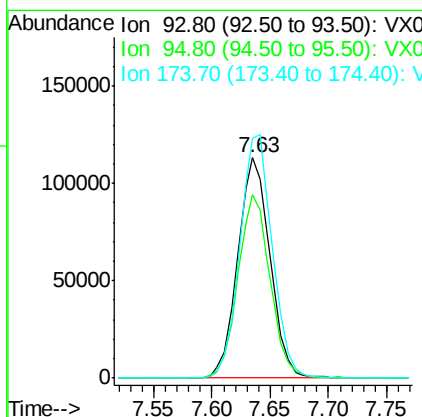
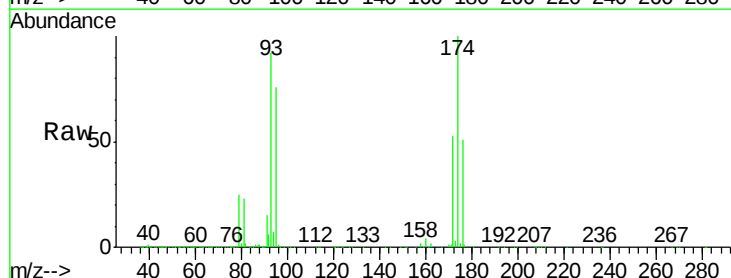
Instrument :
 MSVOA_X
 ClientSampleId :

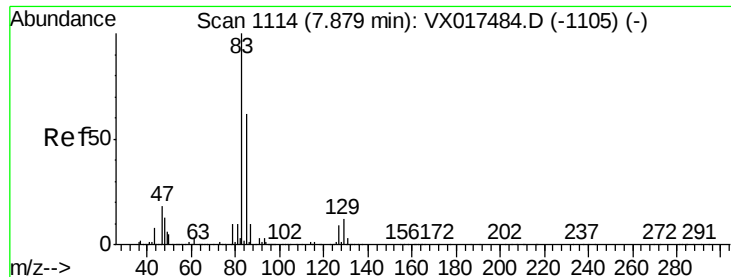
Tot Ion: 63 Resp: 312057
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.5 36.7



#46
 Dibromomethane
 Concen: 47.147 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion: 93 Resp: 217749
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.6 99.8
 174 111.7 87.0 130.6





#47

Bromodichloromethane

Concen: 49.975 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :

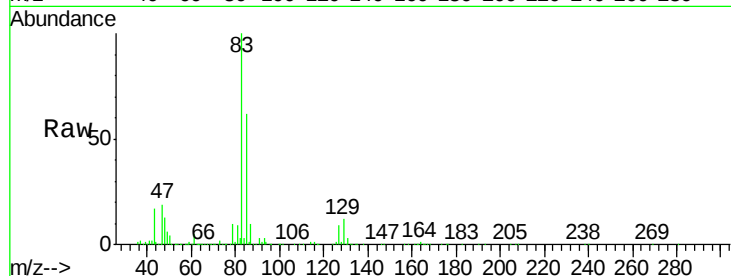
Tot Ion: 83 Resp: 464414

Ion Ratio Lower Upper

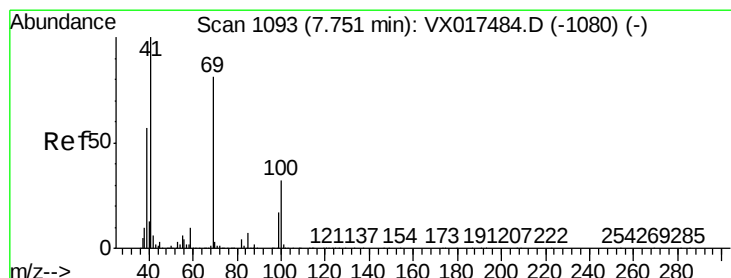
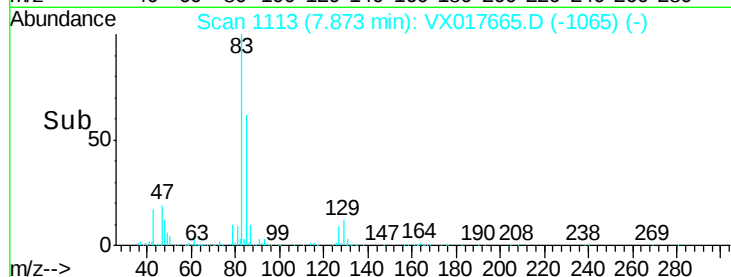
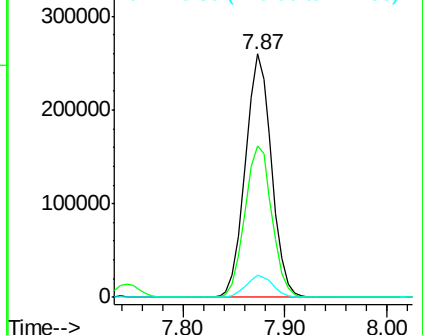
83 100

85 62.1 51.8 77.8

127 9.3 7.4 11.2



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: 47.774 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

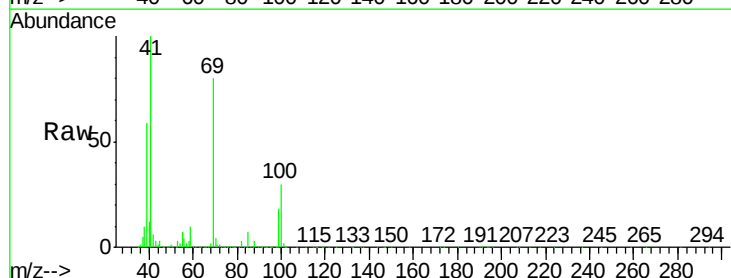
Tgt Ion: 41 Resp: 351535

Ion Ratio Lower Upper

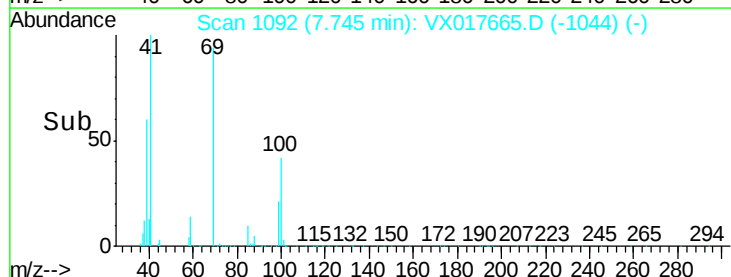
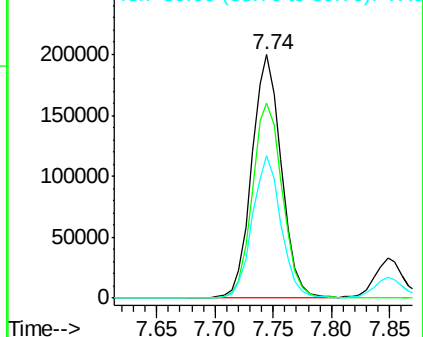
41 100

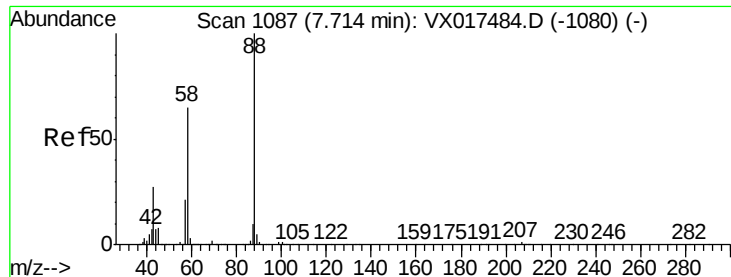
69 82.2 63.1 94.7

39 57.2 45.1 67.7



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

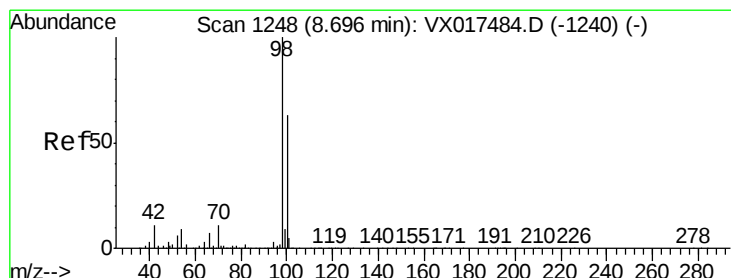
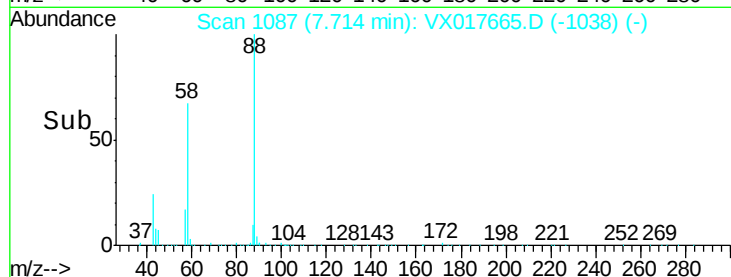
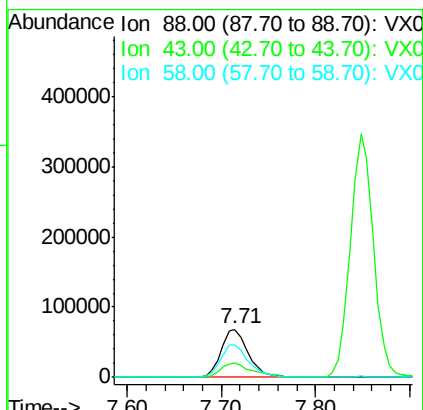
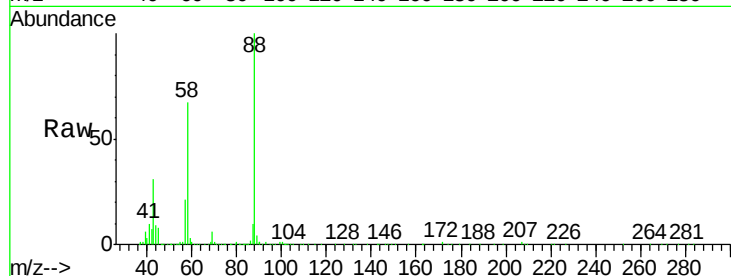




#49
1,4-Dioxane
Concen: 967.090 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

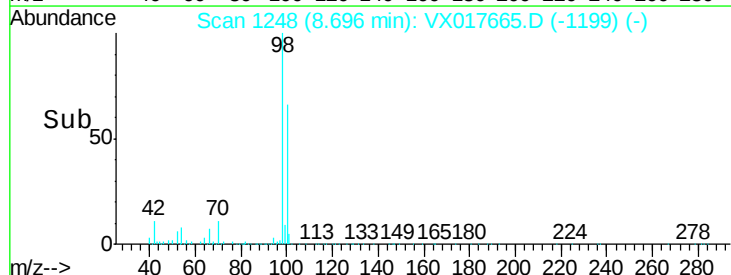
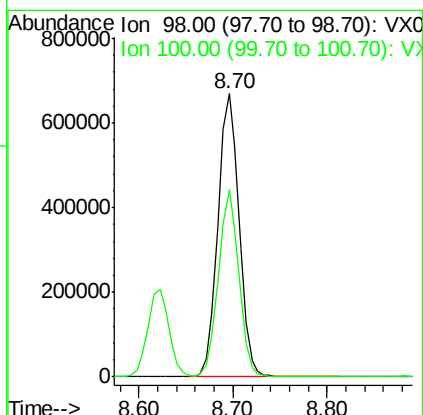
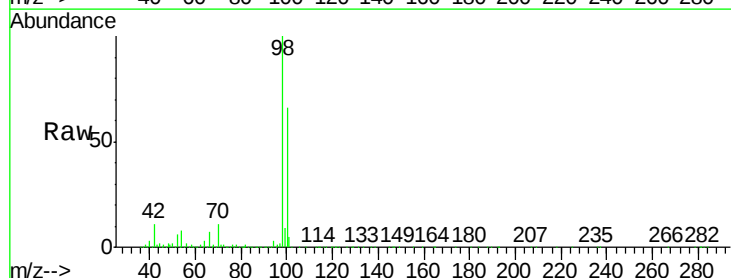
Instrument :
MSVOA_X
ClientSampleId :

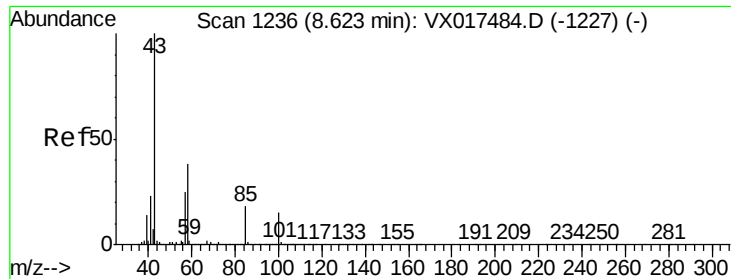
Tot Ion: 88 Resp: 136433
Ion Ratio Lower Upper
88 100
43 34.2 27.8 41.6
58 69.5 58.3 87.5



#50
Toluene-d8
Concen: 50.421 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion: 98 Resp: 1042973
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 241.242 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

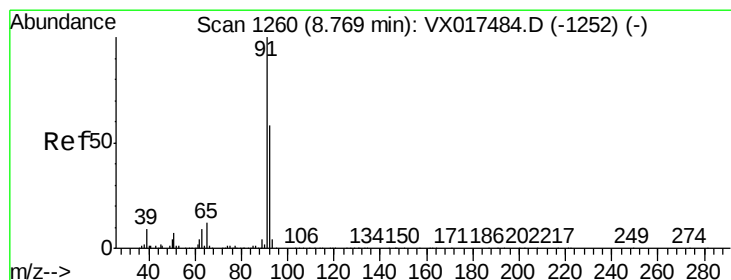
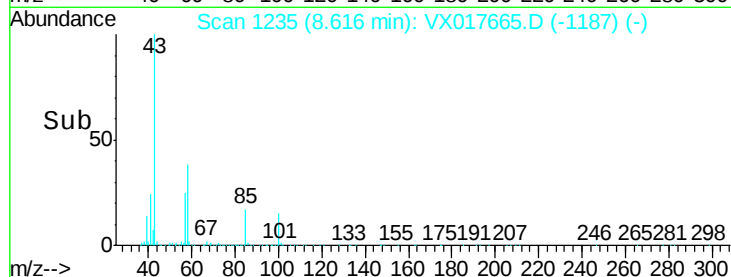
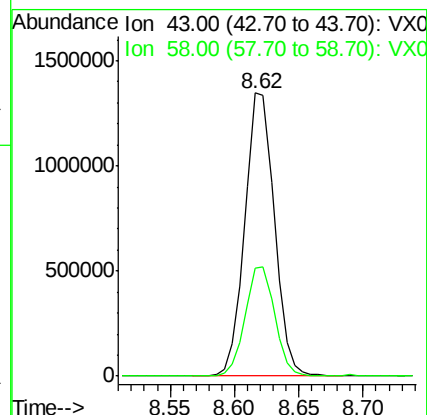
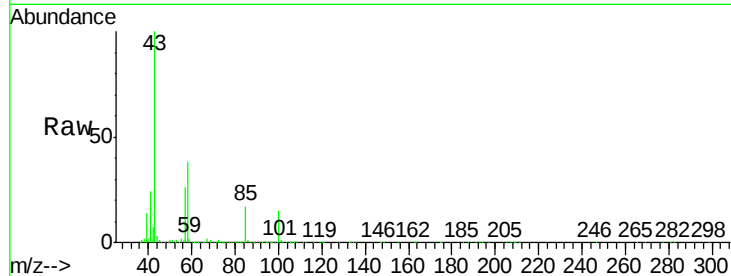
ClientSampleId :

Tot Ion: 43 Resp: 2136711

Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.4



#52

Toluene

Concen: 50.699 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017665.D

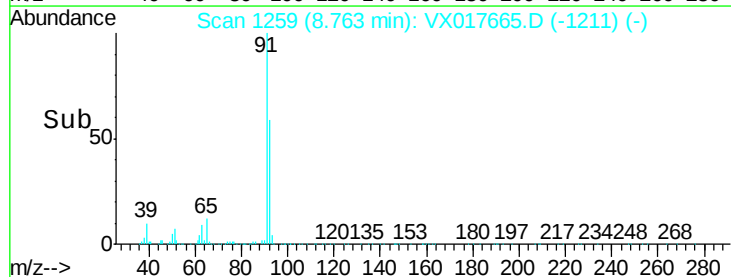
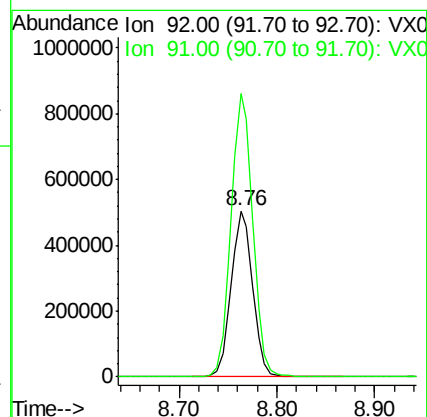
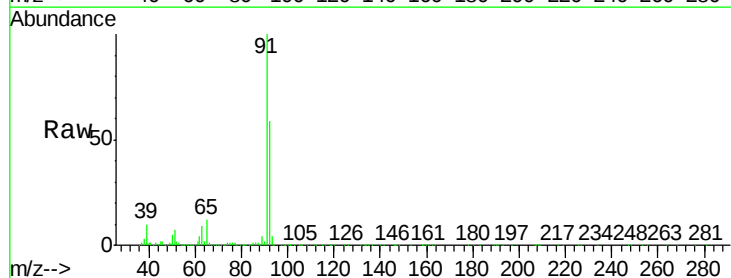
Acq: 29 Jul 2020 10:32

Tgt Ion: 92 Resp: 766499

Ion Ratio Lower Upper

92 100

91 172.5 137.6 206.4

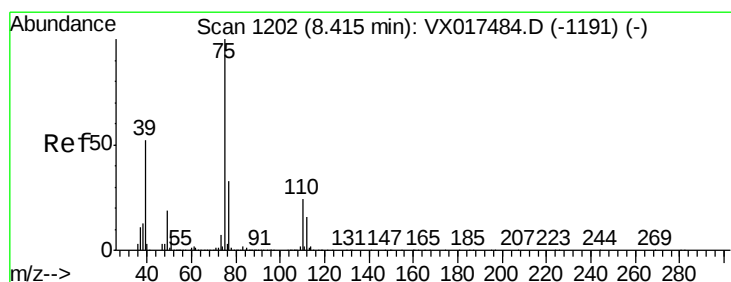
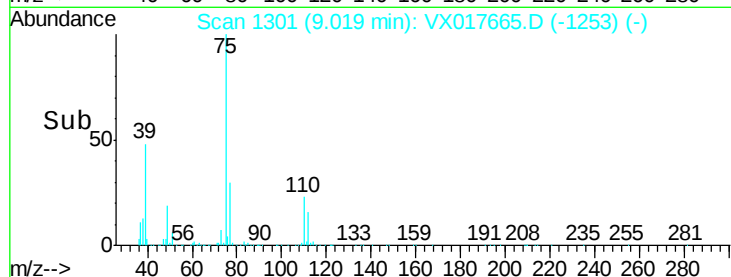
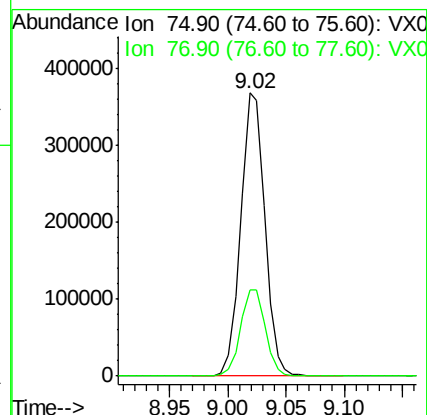
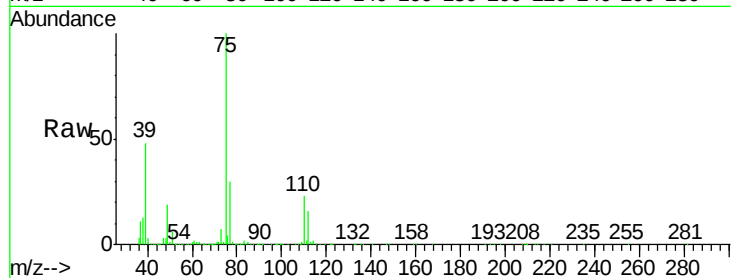




#53
 t-1,3-Dichloropropene
 Concen: 51.234 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

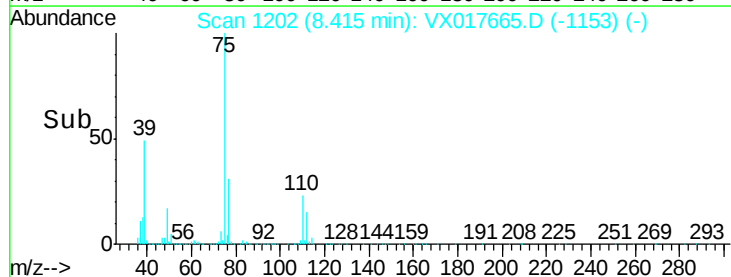
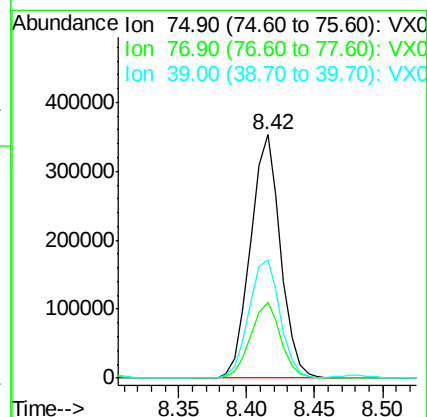
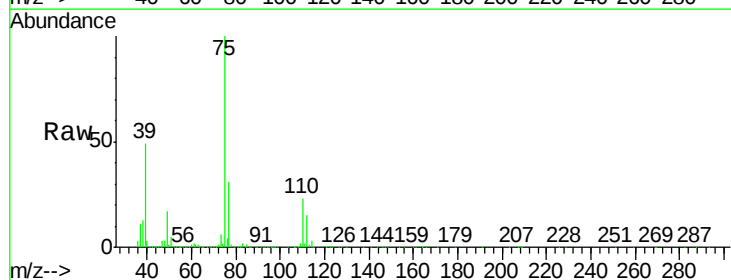
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 532975
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.413 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion: 75 Resp: 545532
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.5 38.3
 39 48.5 41.8 62.8

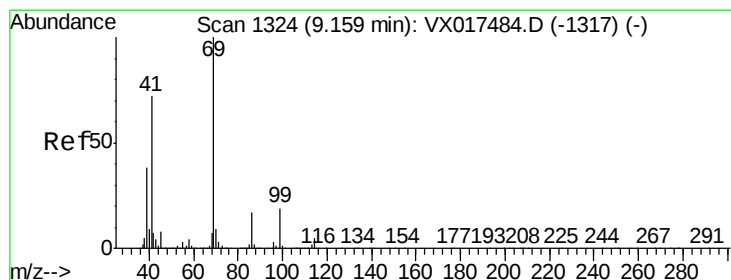
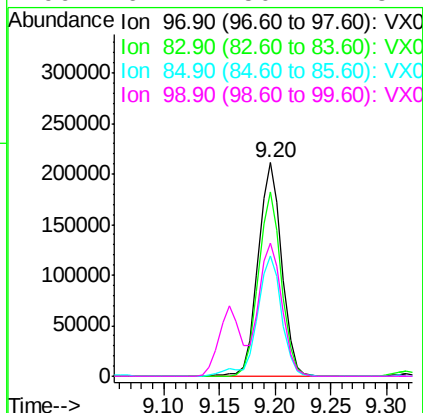
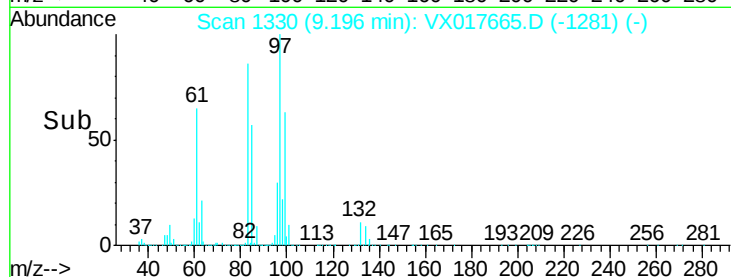
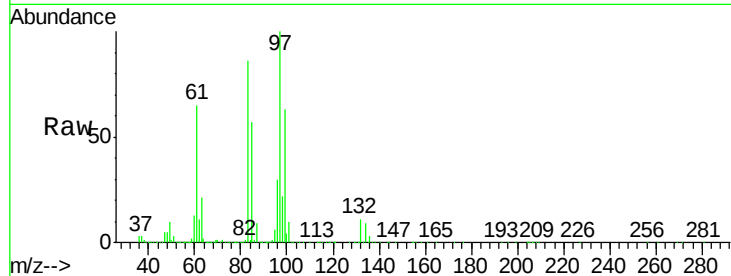




#55
 1,1,2-Trichloroethane
 Concen: 49.495 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

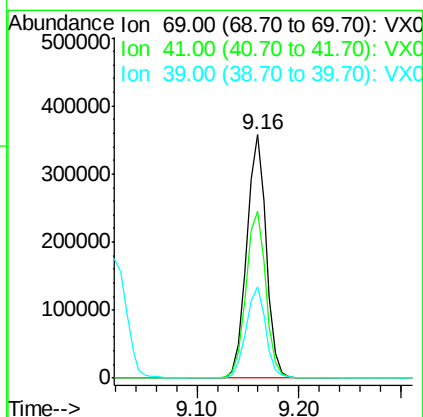
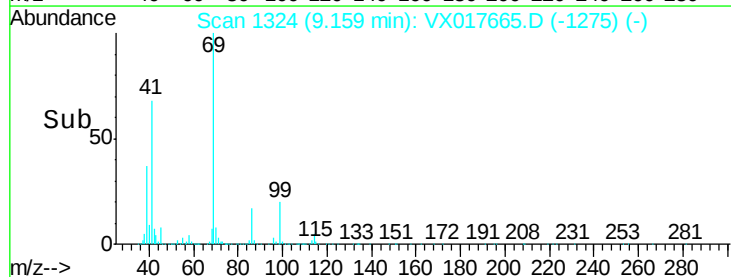
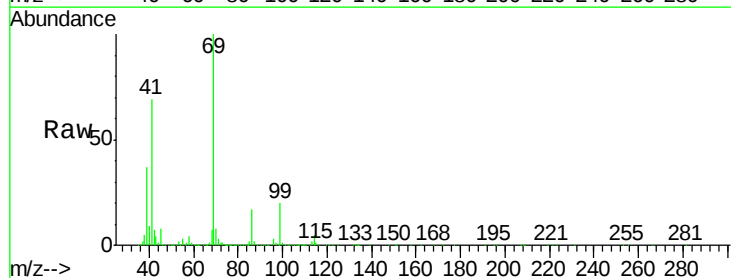
Instrument :
 MSVOA_X
 ClientSampled :

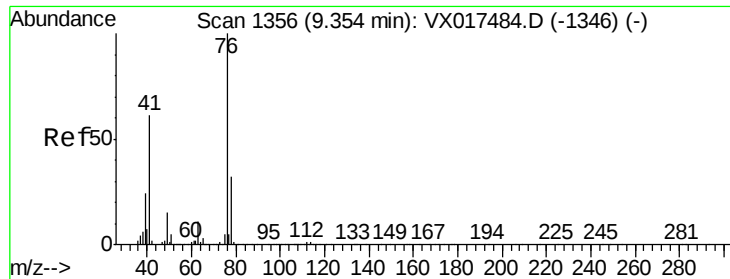
Tot Ion:	97	Resp:	311721
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.6	101.4
85	56.6	44.6	67.0
99	62.4	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 50.008 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion:	69	Resp:	474501
Ion	Ratio	Lower	Upper
69	100		
41	69.6	55.0	82.6
39	37.9	30.0	45.0





#57

1,3-Dichloropropane

Concen: 50.880 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

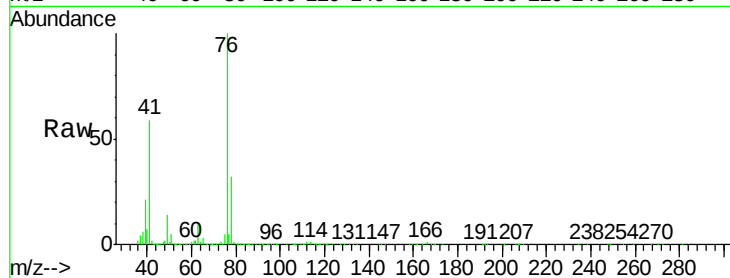
ClientSampleId :

Tot Ion: 76 Resp: 527653

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

400000

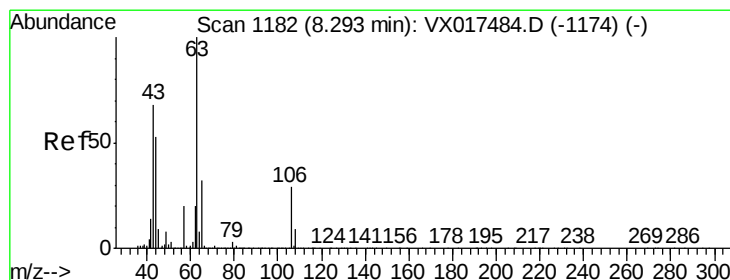
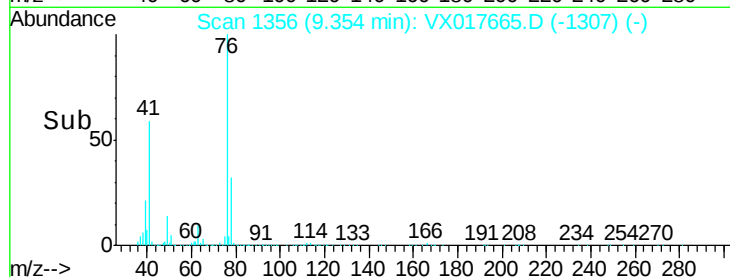
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 246.278 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017665.D

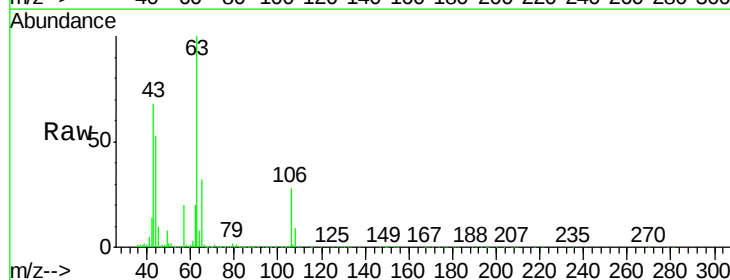
Acq: 29 Jul 2020 10:32

Tgt Ion: 63 Resp: 1231138

Ion Ratio Lower Upper

63 100

106 29.0 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

800000

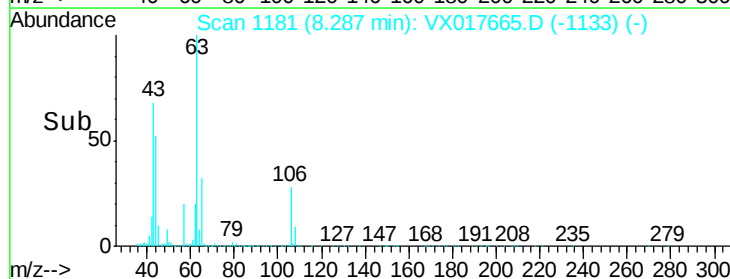
600000

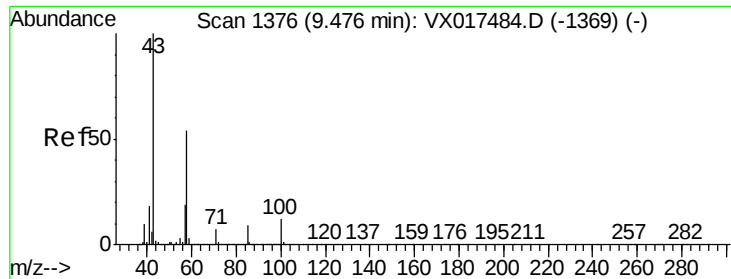
400000

200000

0

Time-->

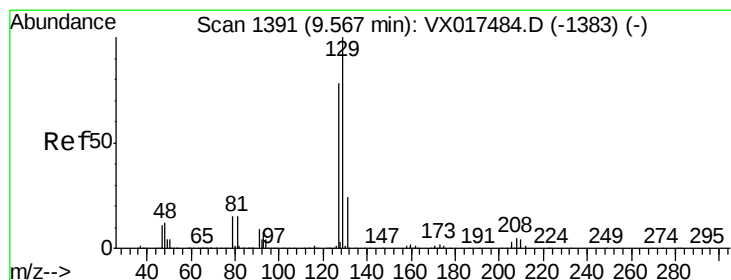
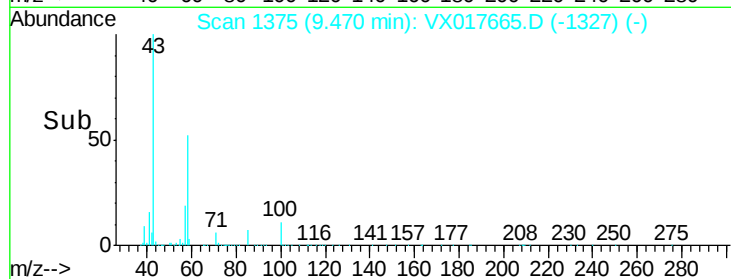
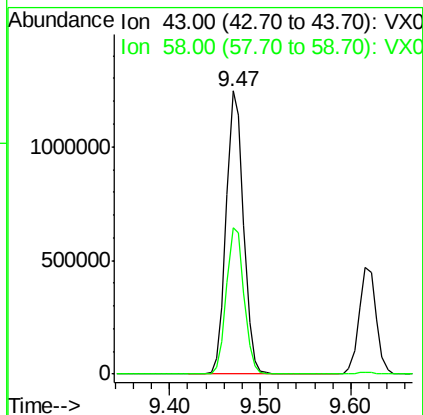
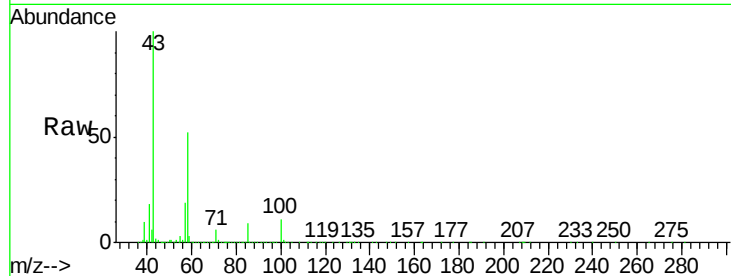




#59
2-Hexanone
Concen: 249.062 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

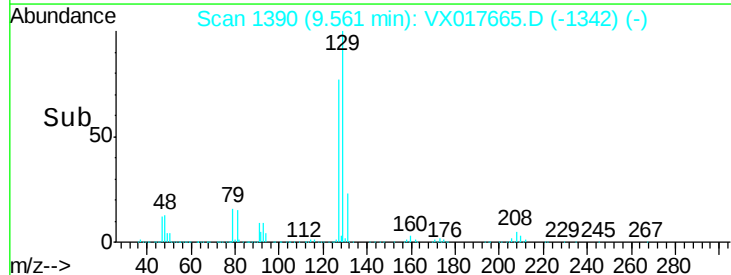
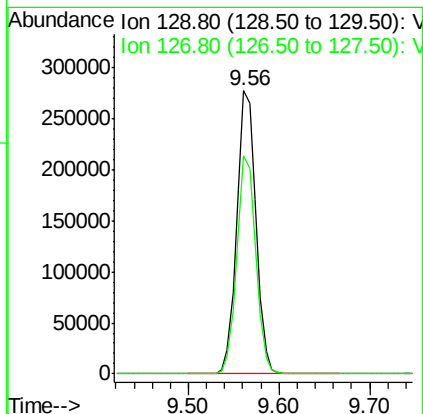
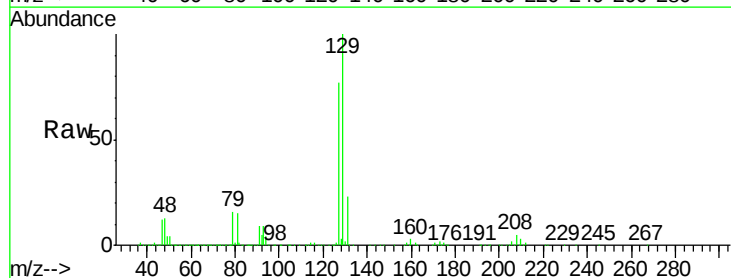
Instrument :
MSVOA_X
ClientSampleId :

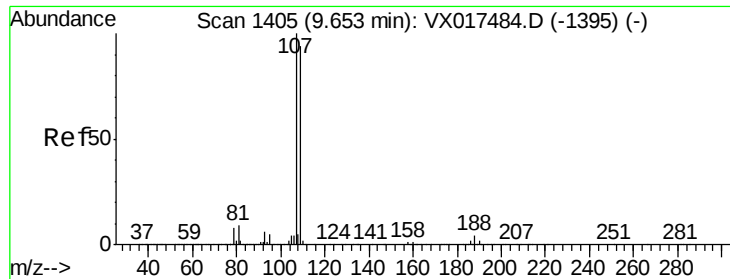
Tot Ion: 43 Resp: 1660852
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.8



#60
Dibromochloromethane
Concen: 50.653 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion:129 Resp: 405471
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 51.616 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

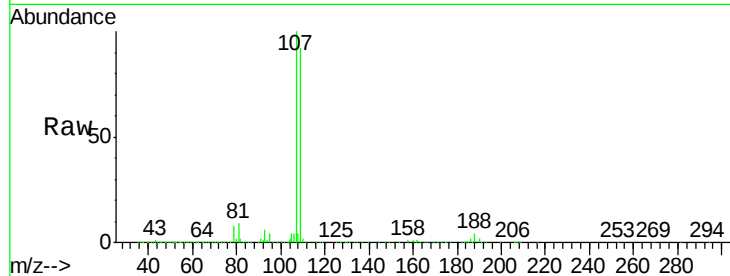
ClientSampleId :

Tot Ion:107 Resp: 346095

Ion Ratio Lower Upper

107 100

109 94.3 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

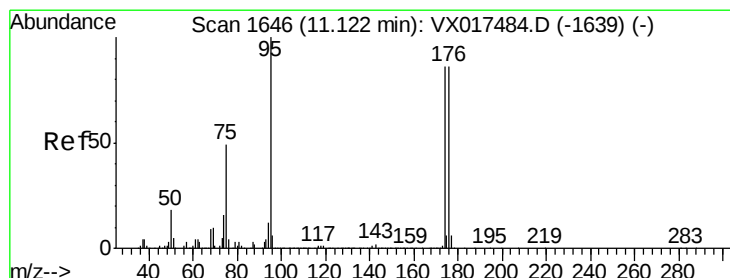
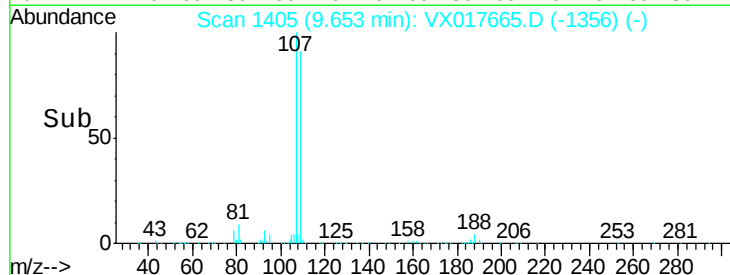
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.986 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

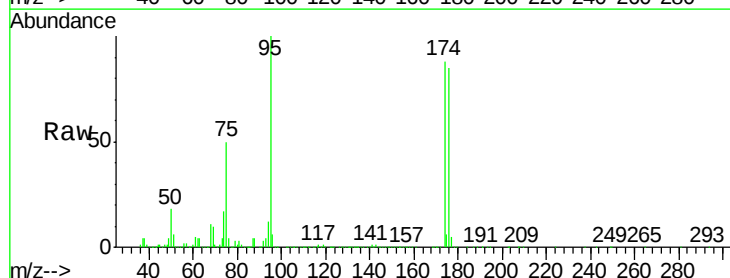
Tgt Ion: 95 Resp: 413797

Ion Ratio Lower Upper

95 100

174 84.1 0.0 169.0

176 82.3 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

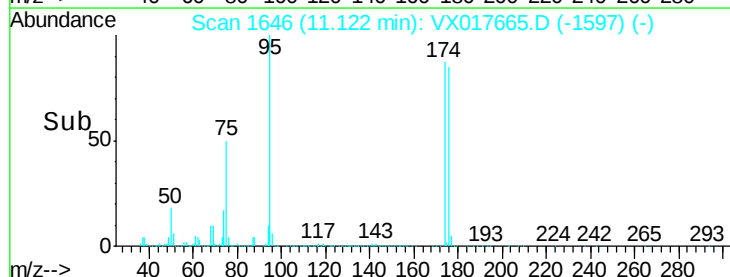
300000

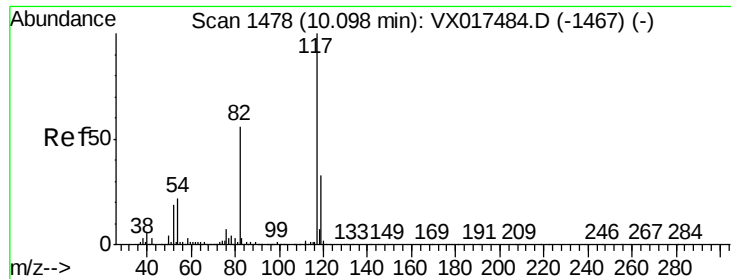
200000

100000

0

Time-->

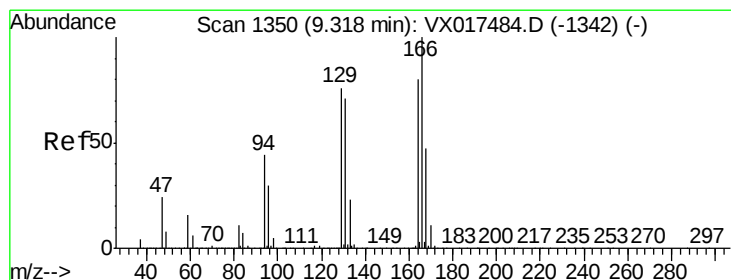
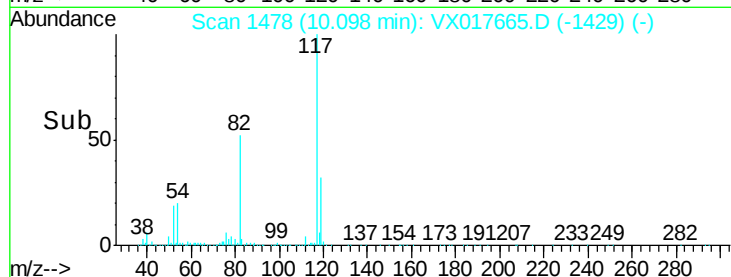
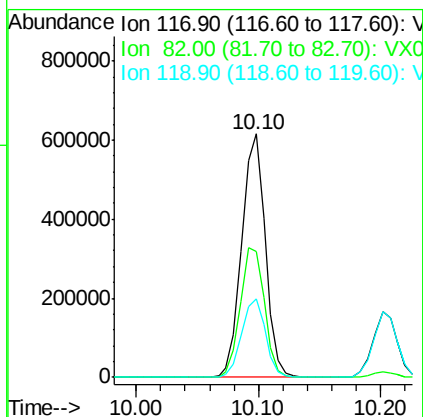
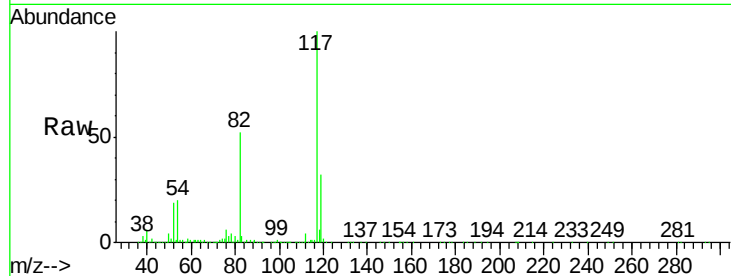




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

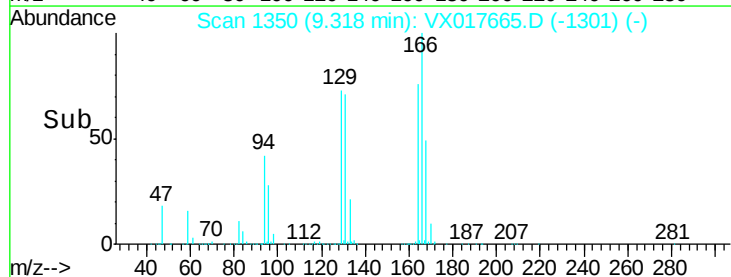
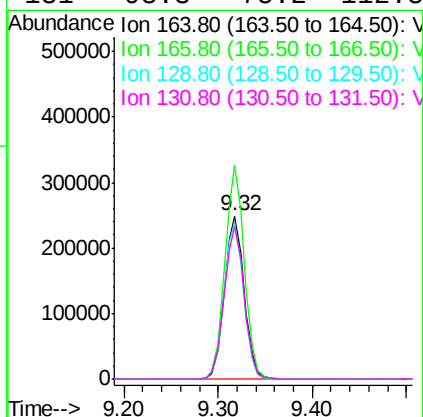
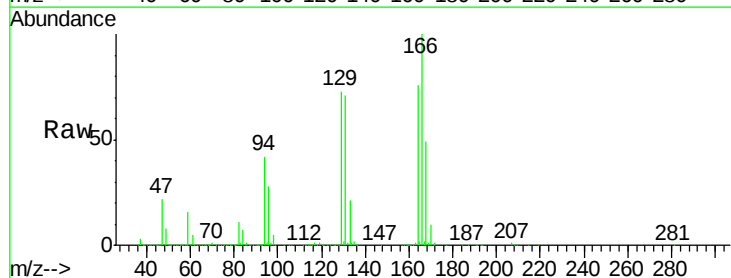
Instrument :
MSVOA_X
ClientSampleId :

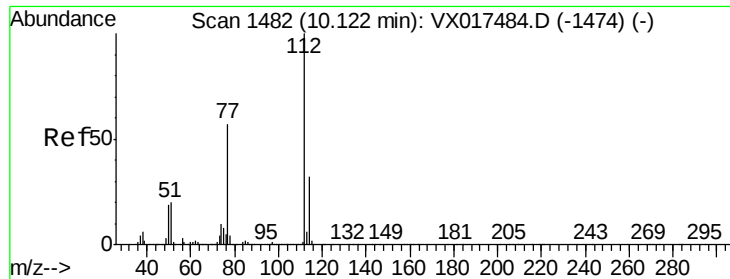
Tot Ion:117 Resp: 821611
Ion Ratio Lower Upper
117 100
82 51.6 44.0 66.0
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 48.459 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion:164 Resp: 357343
Ion Ratio Lower Upper
164 100
166 130.9 100.6 150.8
129 95.8 75.0 112.6
131 93.3 75.2 112.8

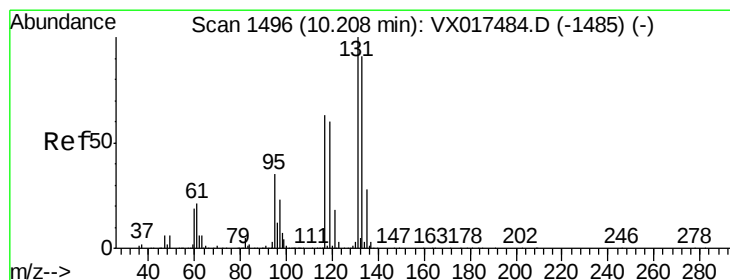
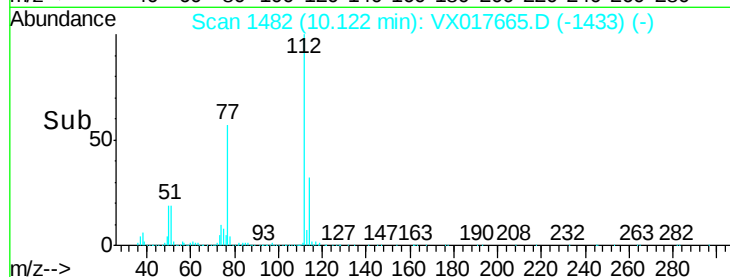
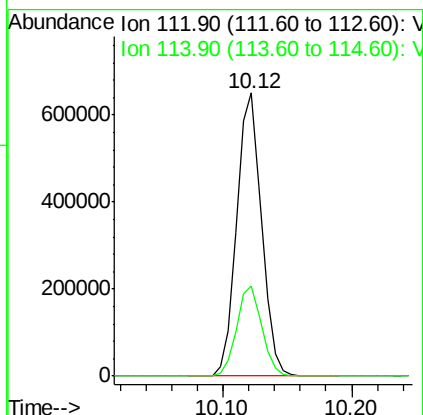
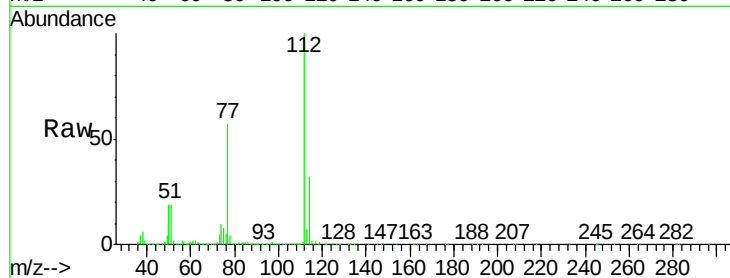




#65
Chlorobenzene
Concen: 49.067 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

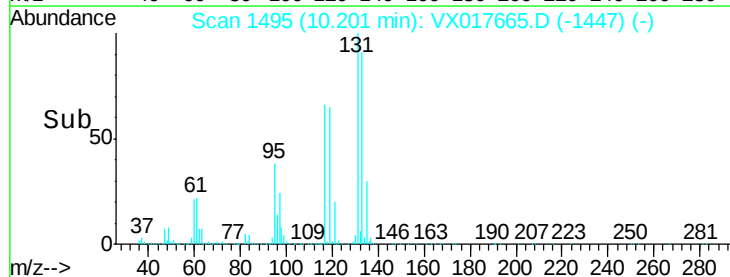
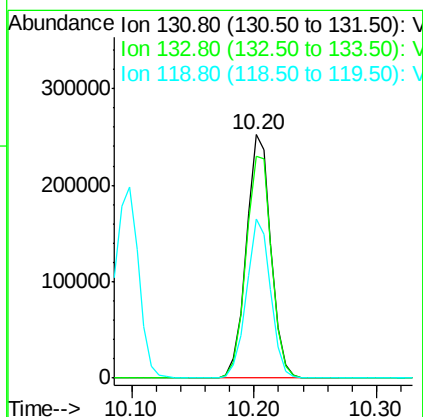
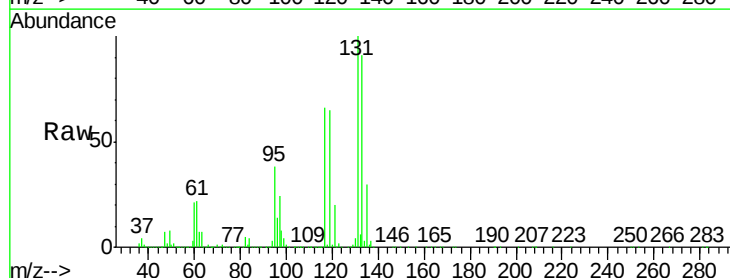
Instrument :
MSVOA_X
ClientSampleId :

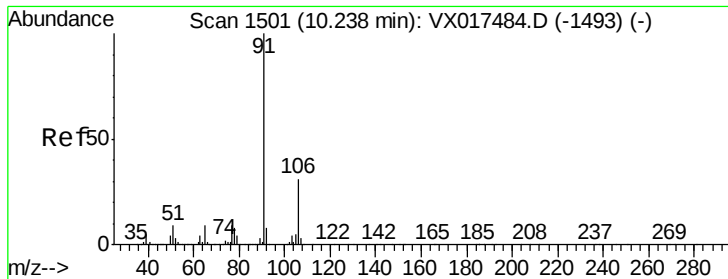
Tot Ion:112 Resp: 872601
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.053 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion:131 Resp: 352071
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 63.8 31.1 93.3





#67

Ethyl Benzene

Concen: 51.194 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

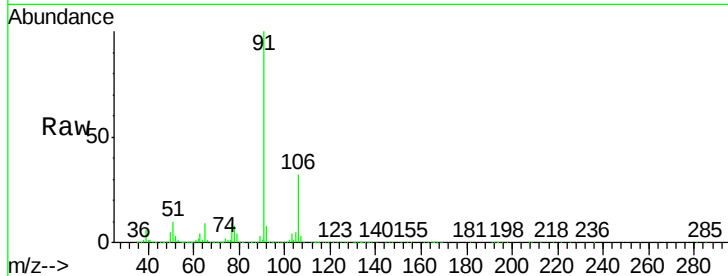
ClientSampled :

Tot Ion: 91 Resp: 1519762

Ion Ratio Lower Upper

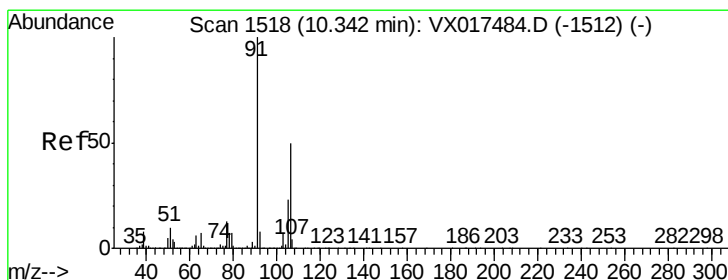
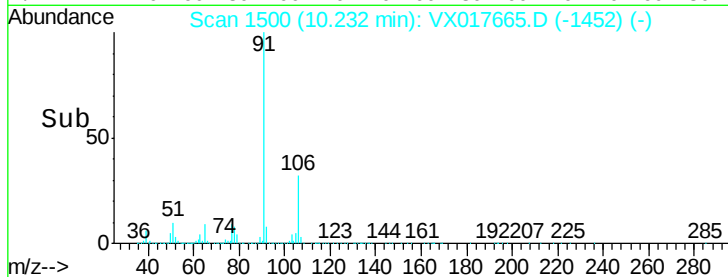
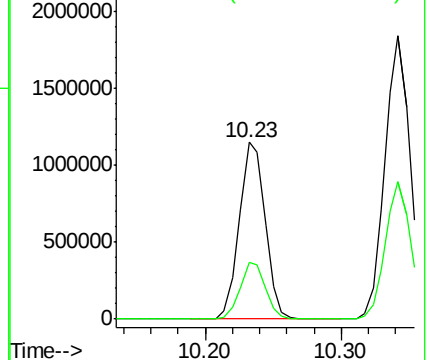
91 100

106 32.0 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.741 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017665.D

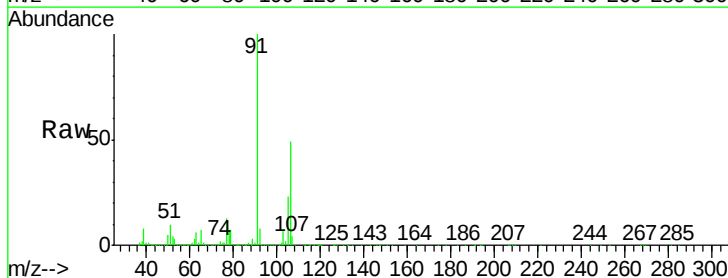
Acq: 29 Jul 2020 10:32

Tgt Ion: 106 Resp: 1158552

Ion Ratio Lower Upper

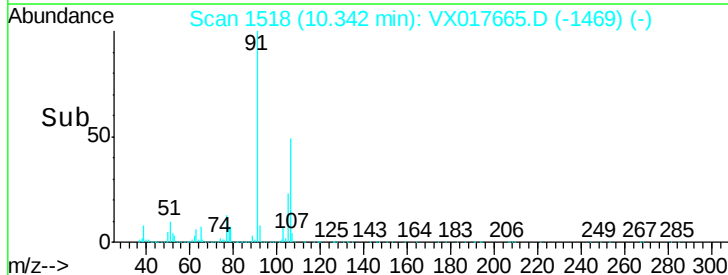
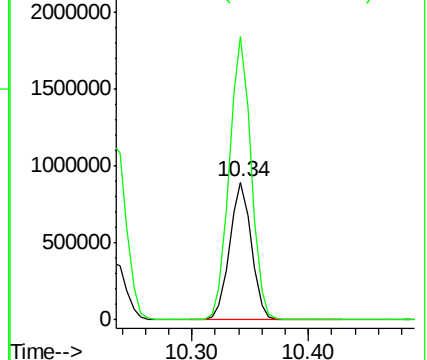
106 100

91 206.2 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

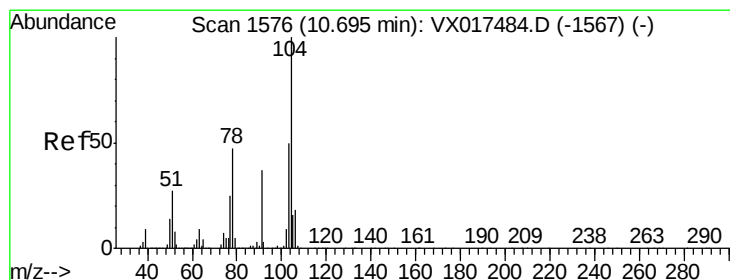
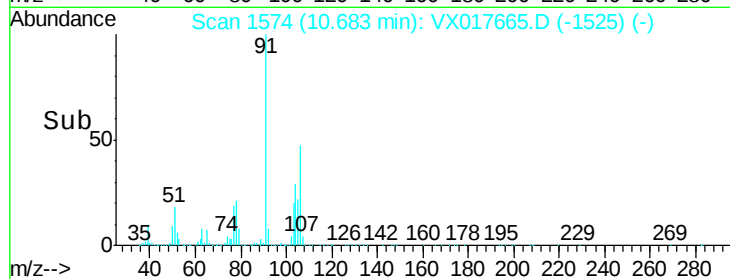
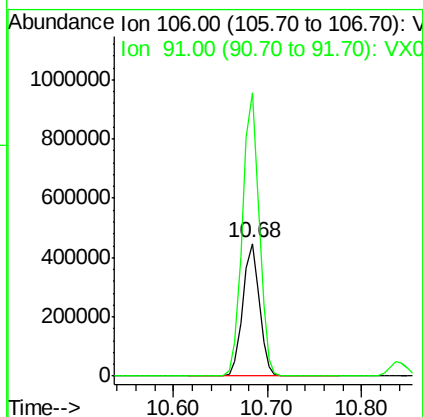
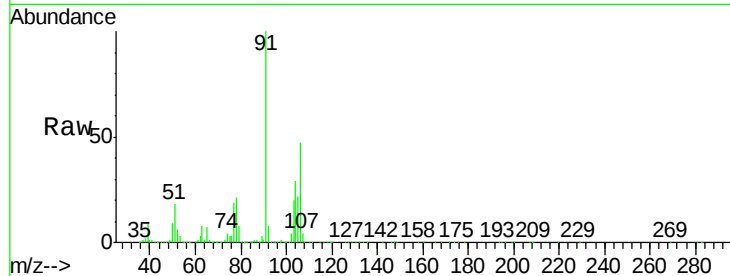




#69
o-Xylene
Concen: 49.709 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

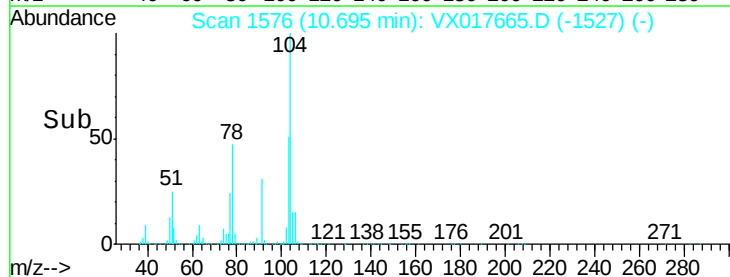
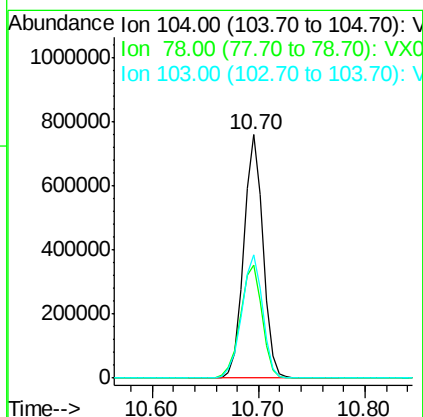
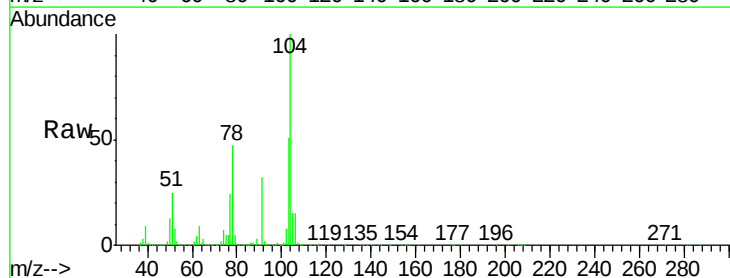
Instrument :
MSVOA_X
ClientSampled :

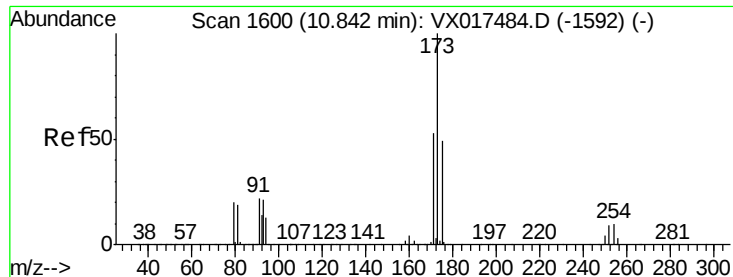
Tot Ion:106 Resp: 549820
Ion Ratio Lower Upper
106 100
91 215.6 108.2 324.6



#70
Styrene
Concen: 51.281 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion:104 Resp: 965053
Ion Ratio Lower Upper
104 100
78 52.3 42.5 63.7
103 55.2 44.3 66.5

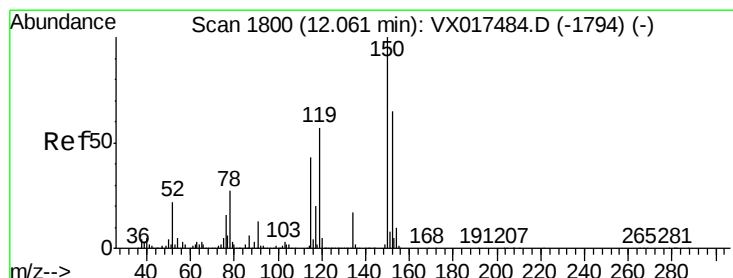
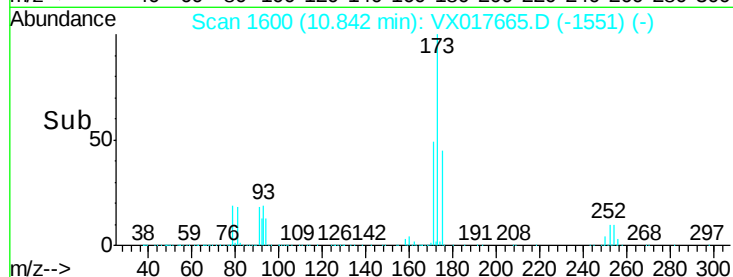
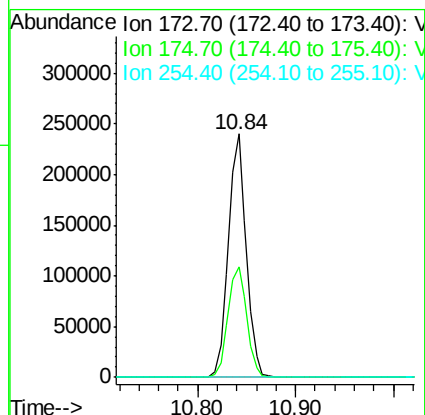
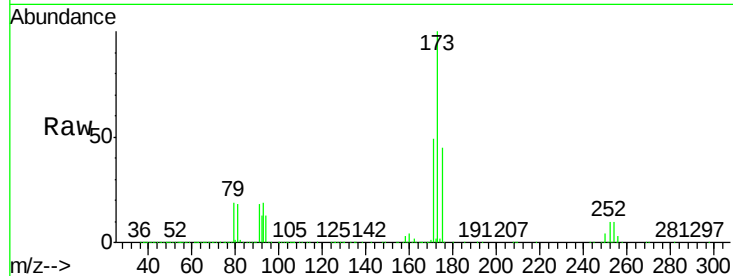




#71
Bromoform
Concen: 48.754 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

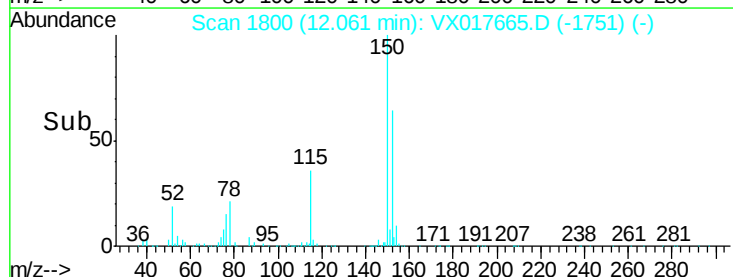
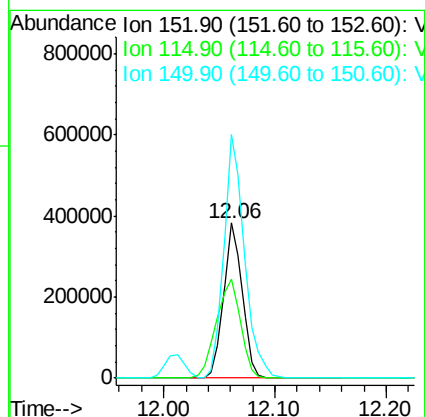
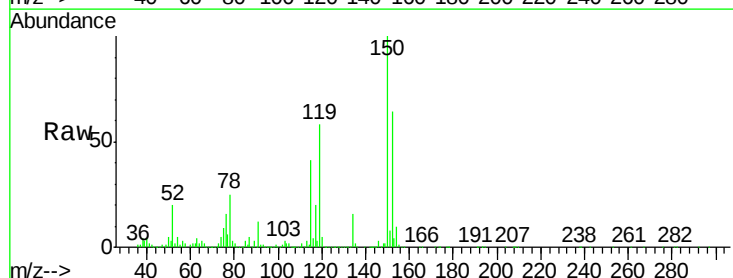
Instrument :
MSVOA_X
ClientSampleId :

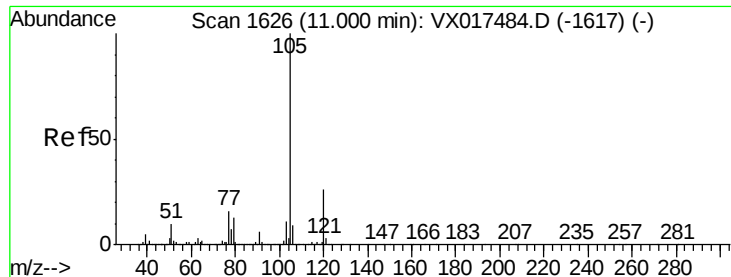
Tot Ion:173 Resp: 303171
Ion Ratio Lower Upper
173 100
175 47.9 23.8 71.5
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion:152 Resp: 444288
Ion Ratio Lower Upper
152 100
115 82.8 65.5 196.6
150 173.3 0.0 412.6





#73

Isopropylbenzene

Concen: 50.355 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

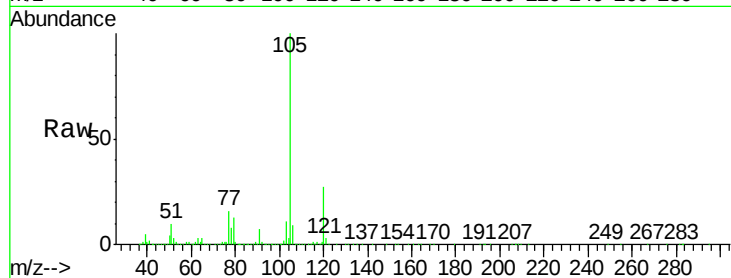
ClientSampleId :

Tot Ion:105 Resp: 1534753

Ion Ratio Lower Upper

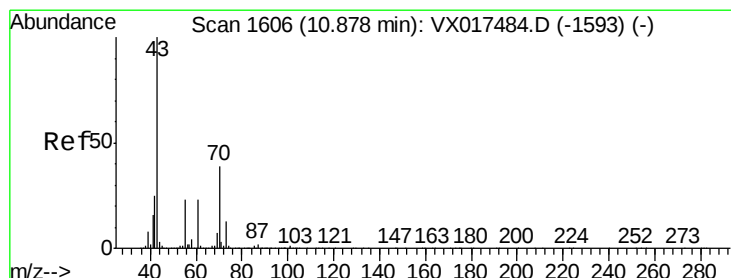
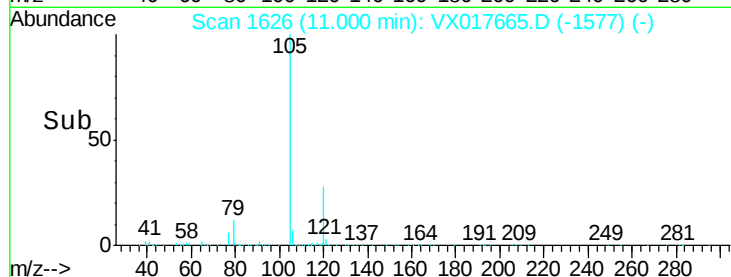
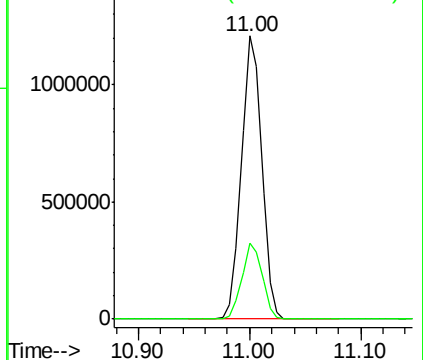
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.124 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Tgt Ion: 43 Resp: 638159

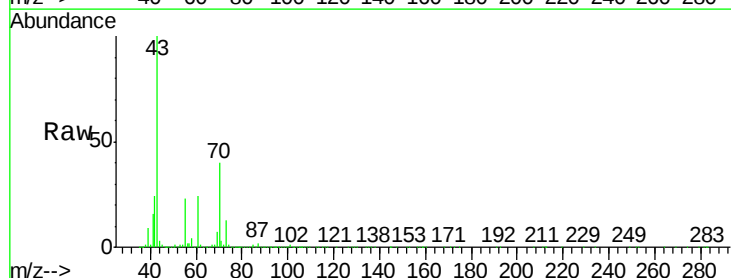
Ion Ratio Lower Upper

43 100

70 41.2 32.3 48.5

55 24.1 18.4 27.6

61 23.6 18.6 28.0

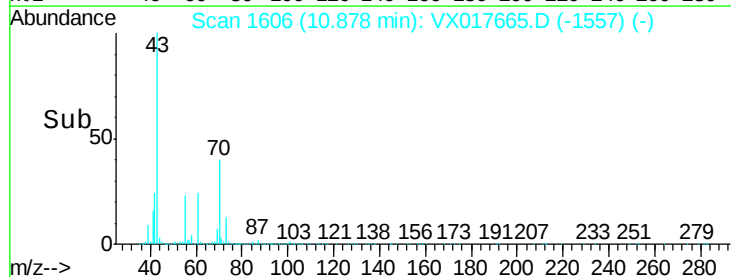
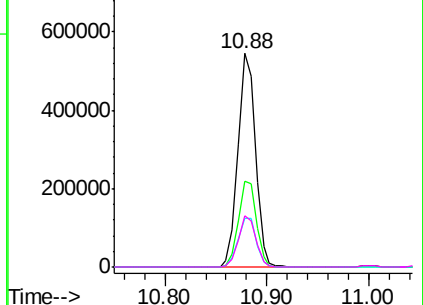


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.064 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

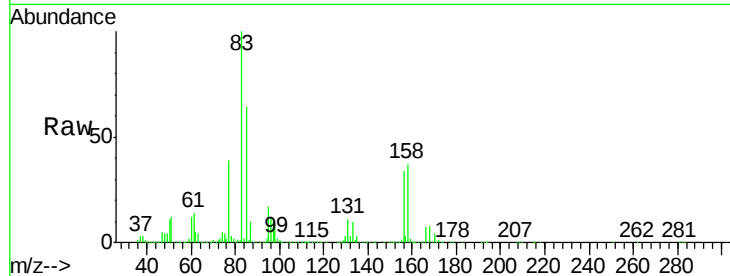
Tot Ion: 83 Resp: 428716

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

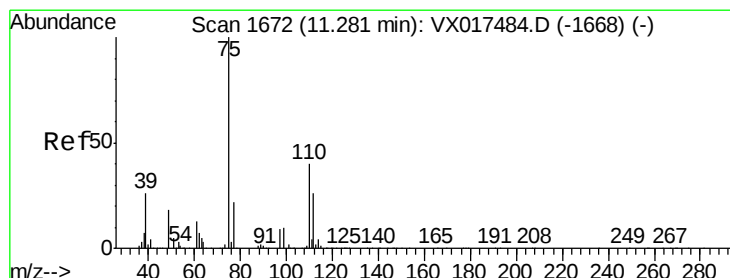
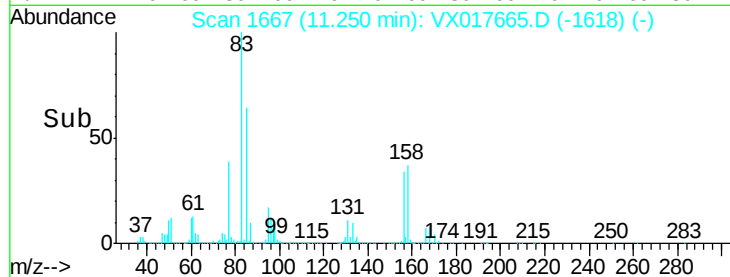
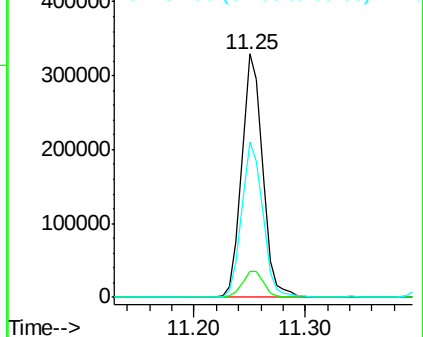
85 64.5 32.1 96.3



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: 60.483 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017665.D

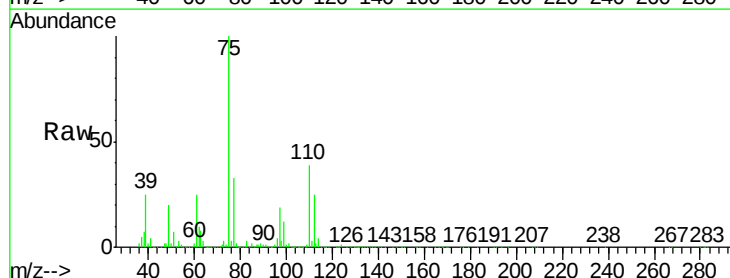
Acq: 29 Jul 2020 10:32

Tgt Ion: 75 Resp: 552770

Ion Ratio Lower Upper

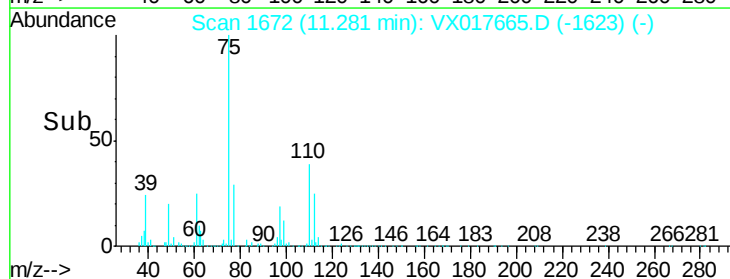
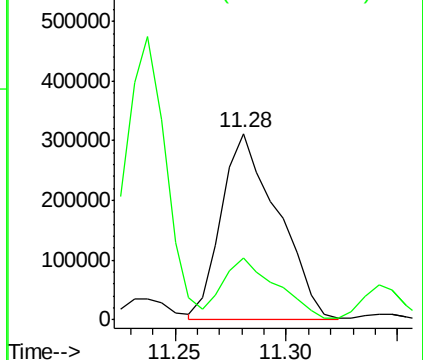
75 100

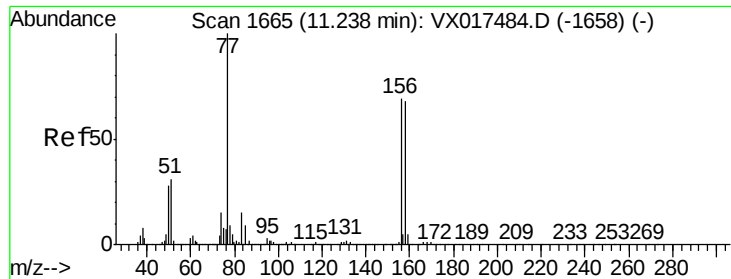
77 32.0 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.338 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

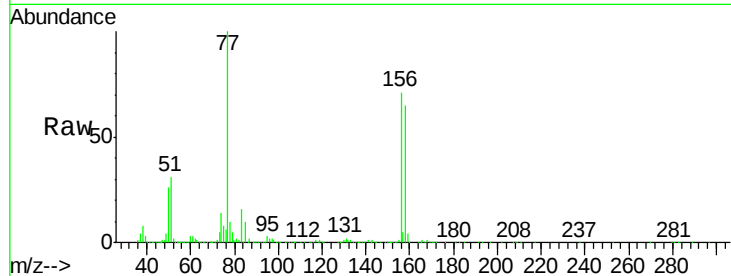
Tot Ion:156 Resp: 412452

Ion Ratio Lower Upper

156 100

77 147.8 75.0 225.0

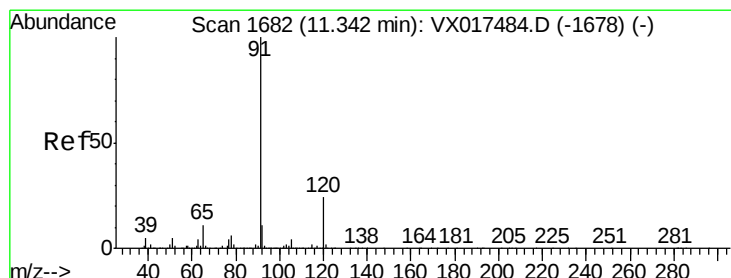
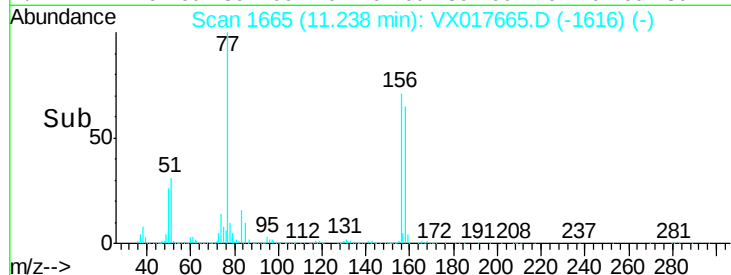
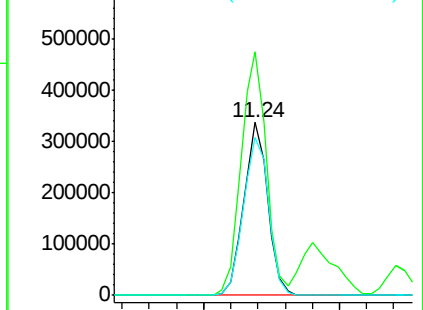
158 97.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.518 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017665.D

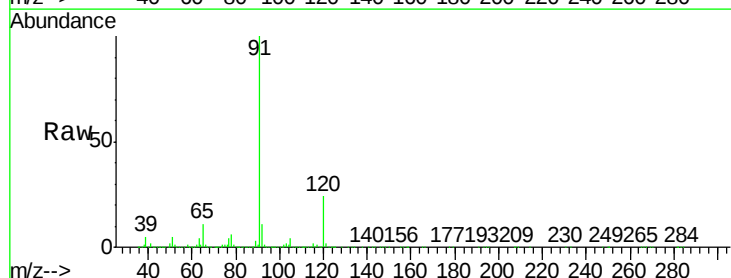
Acq: 29 Jul 2020 10:32

Tgt Ion: 91 Resp: 1770960

Ion Ratio Lower Upper

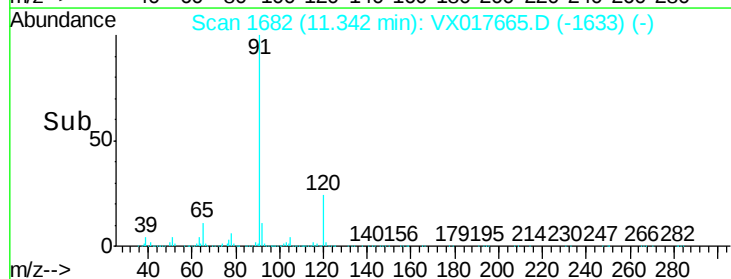
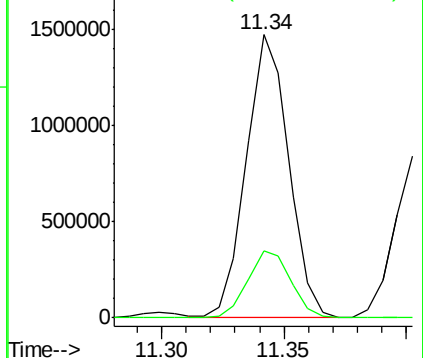
91 100

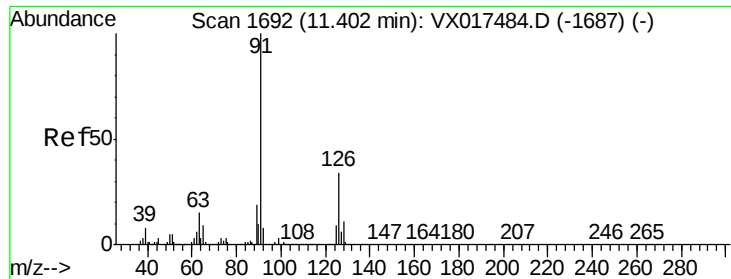
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.446 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

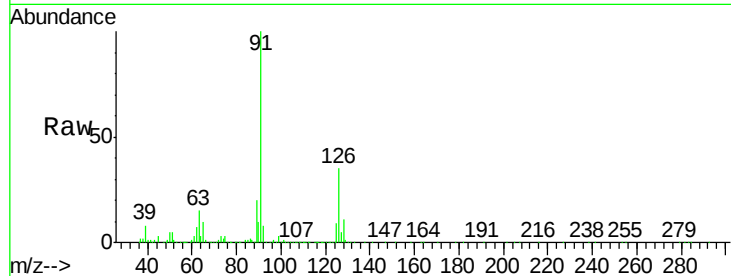
ClientSampleId :

Tot Ion: 91 Resp: 1052922

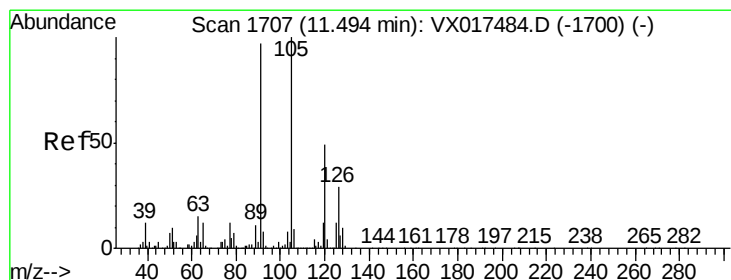
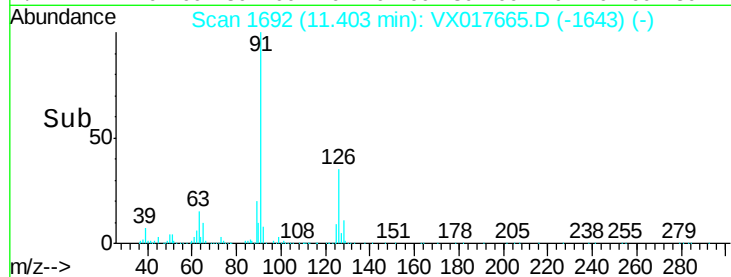
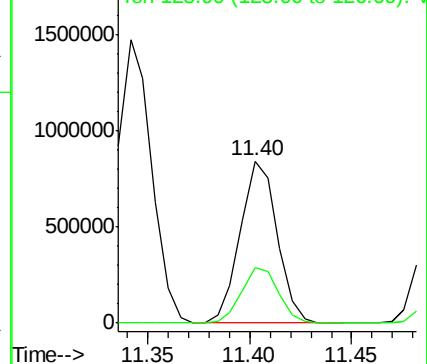
Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.015 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017665.D

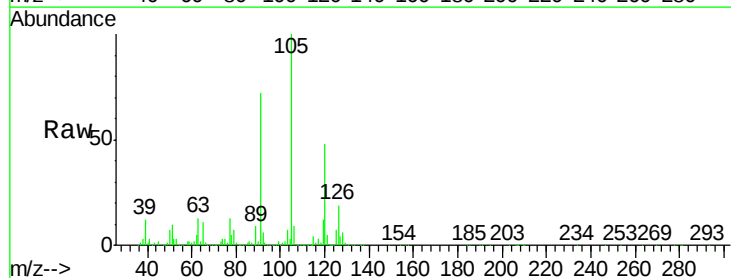
Acq: 29 Jul 2020 10:32

Tgt Ion: 105 Resp: 1327561

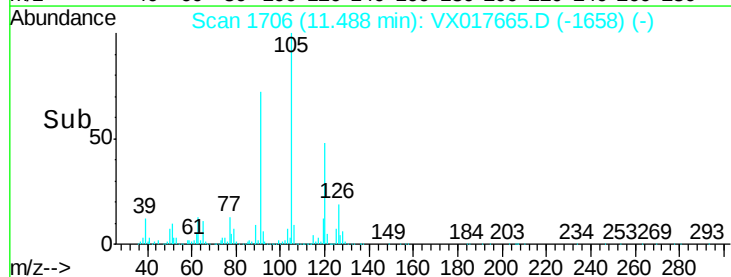
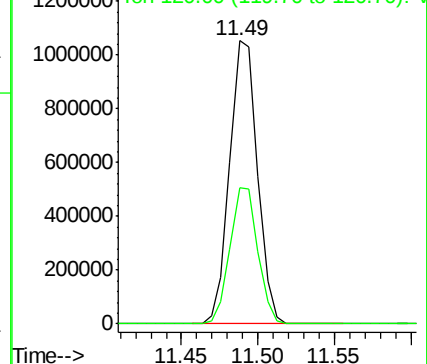
Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017484.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.477 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

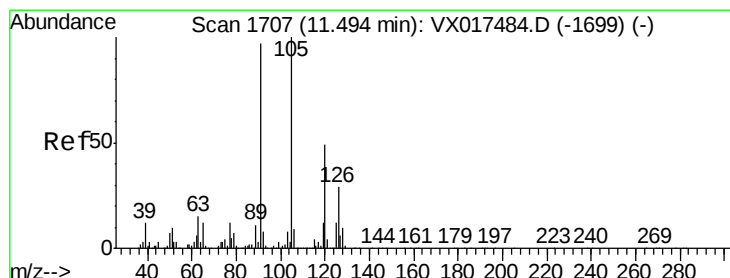
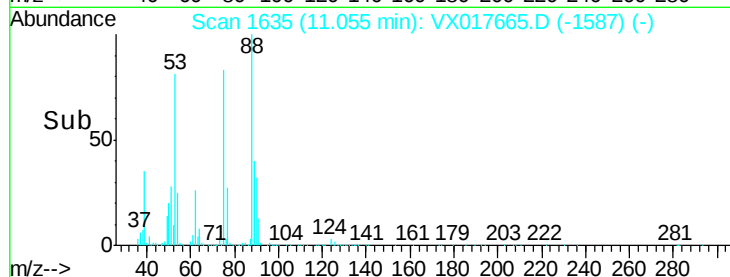
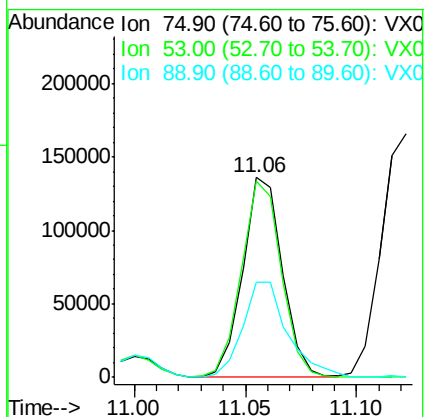
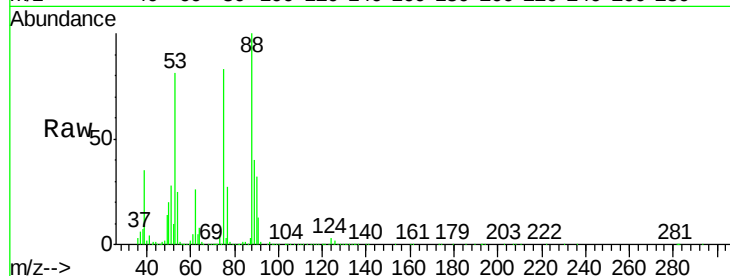
Tot Ion: 75 Resp: 168570

Ion Ratio Lower Upper

75 100

53 99.0 75.9 113.9

89 54.4 37.8 56.6



#82

4-Chlorotoluene

Concen: 50.396 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017665.D

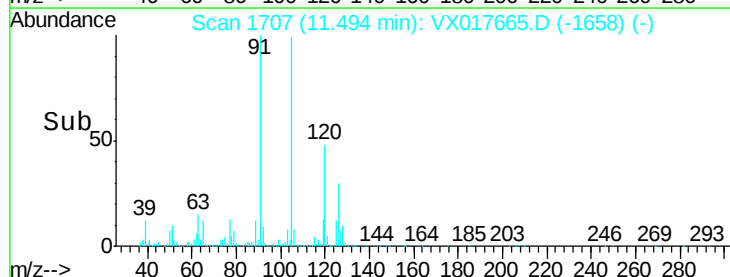
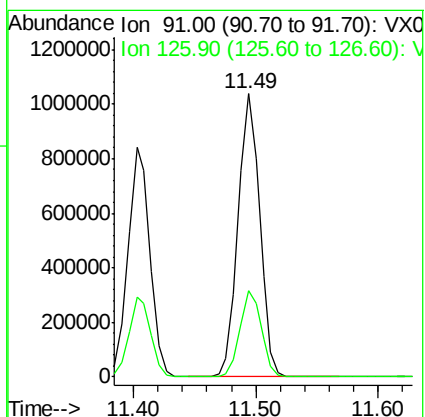
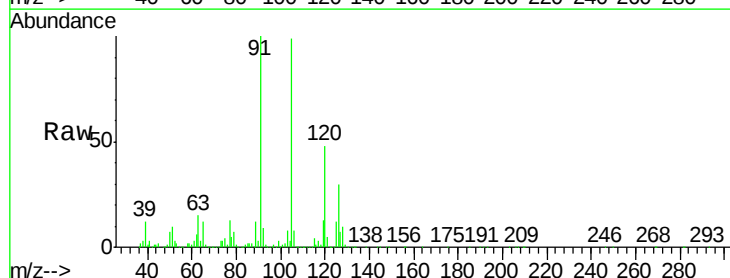
Acq: 29 Jul 2020 10:32

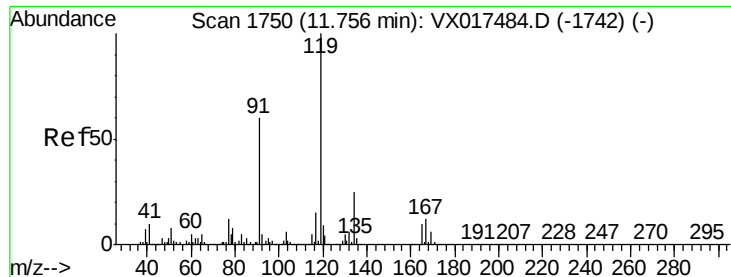
Tgt Ion: 91 Resp: 1265898

Ion Ratio Lower Upper

91 100

126 30.1 15.2 45.6





#83

tert-Butylbenzene

Concen: 51.013 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampled :

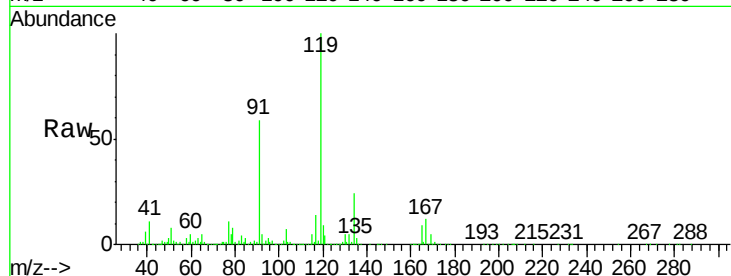
Tot Ion:119 Resp: 1270244

Ion Ratio Lower Upper

119 100

91 58.6 29.3 88.0

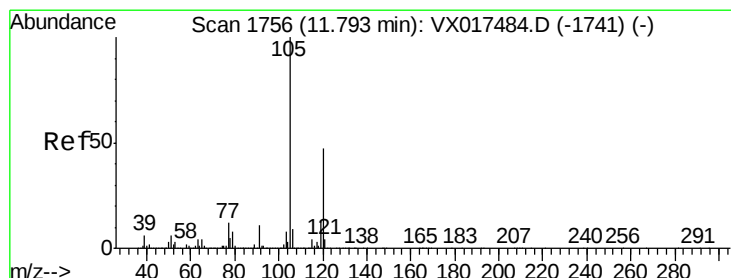
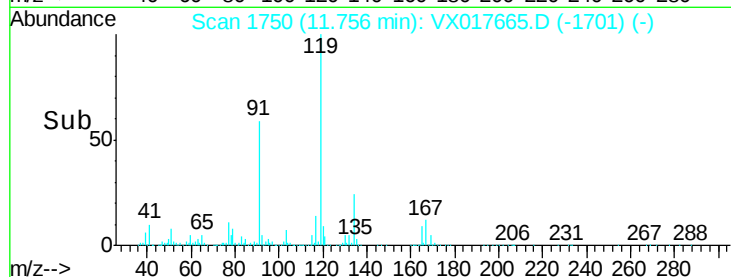
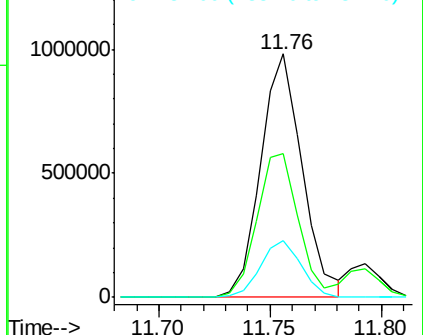
134 22.9 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.589 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017665.D

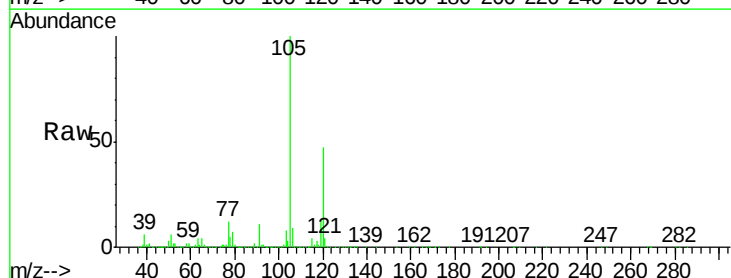
Acq: 29 Jul 2020 10:32

Tgt Ion:105 Resp: 1335288

Ion Ratio Lower Upper

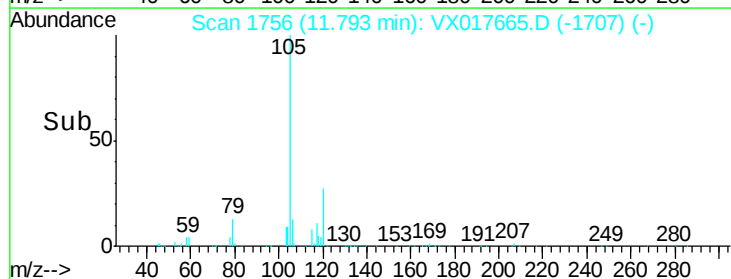
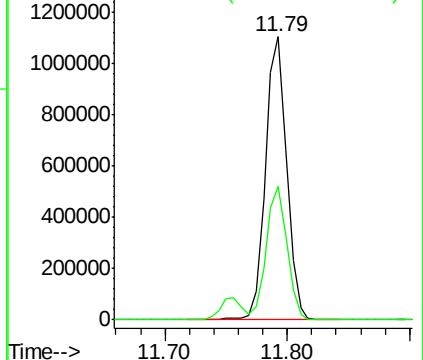
105 100

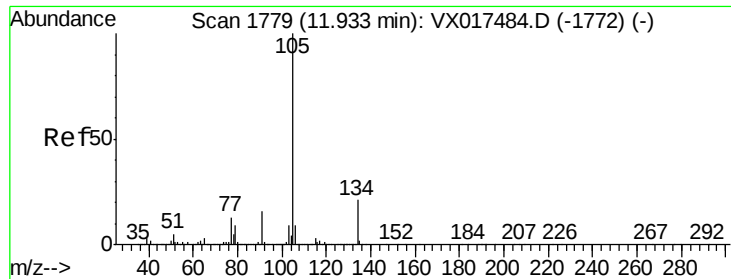
120 46.1 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

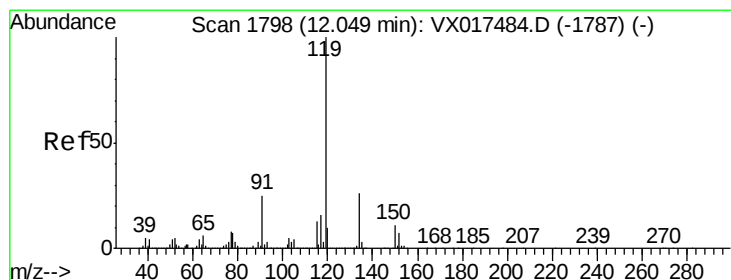
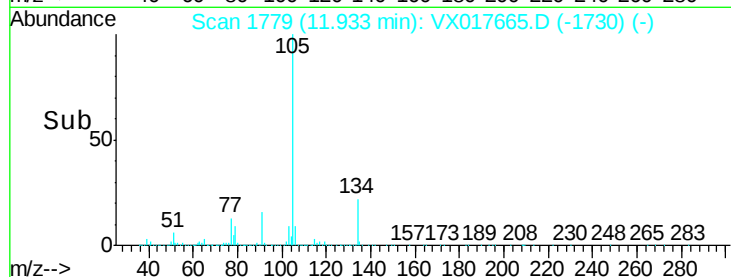
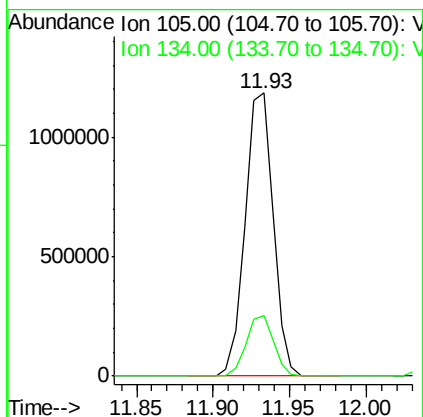
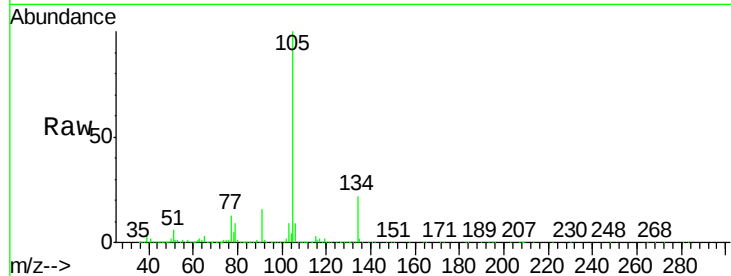




#85
 sec-Butylbenzene
 Concen: 52.067 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

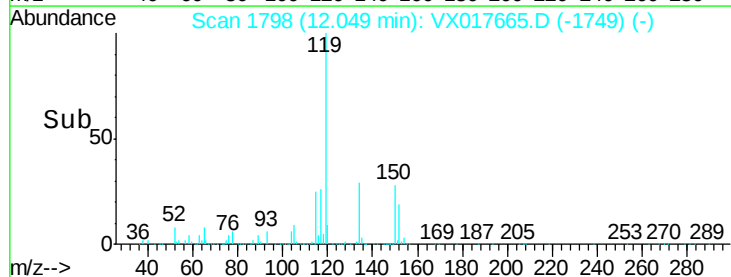
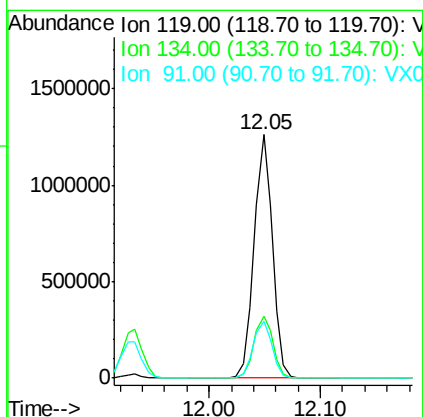
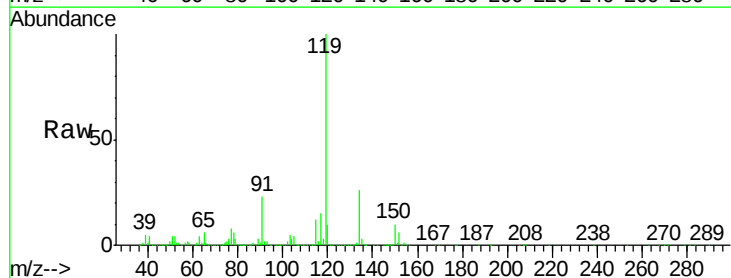
Instrument :
 MSVOA_X
 ClientSampleId :

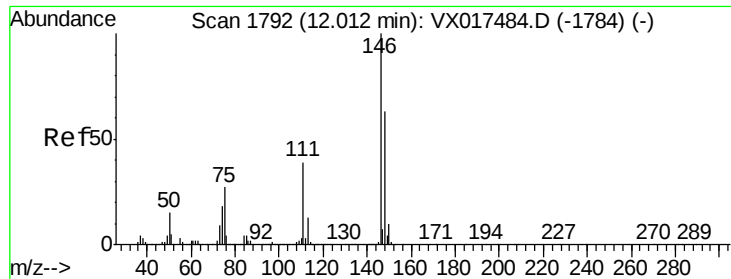
Tot Ion:105 Resp: 1510318
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 52.307 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion:119 Resp: 1444904
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 24.1 12.1 36.3

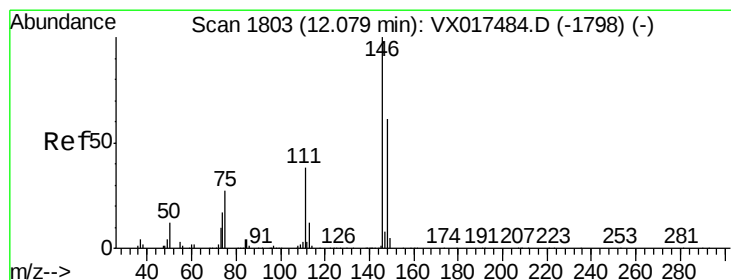
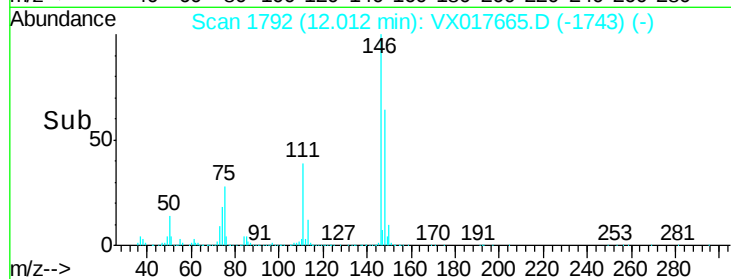
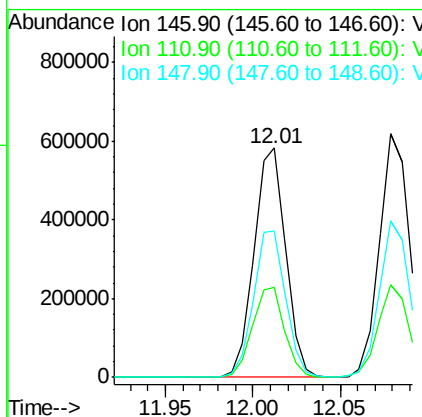
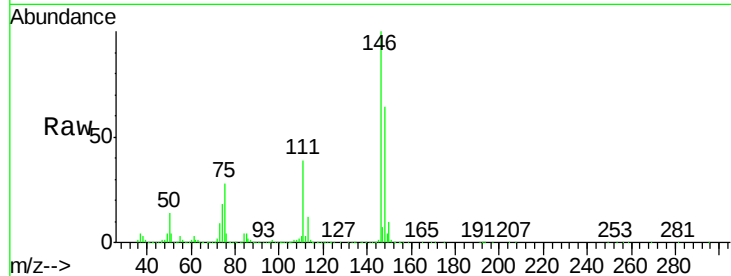




#87
 1,3-Dichlorobenzene
 Concen: 50.025 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

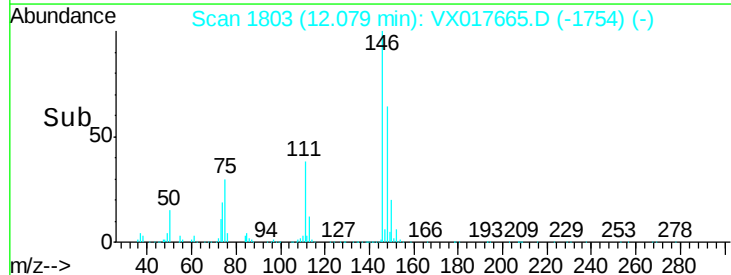
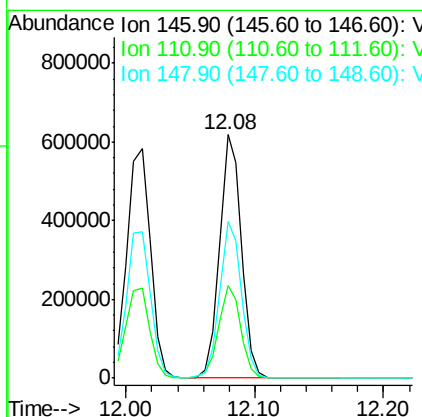
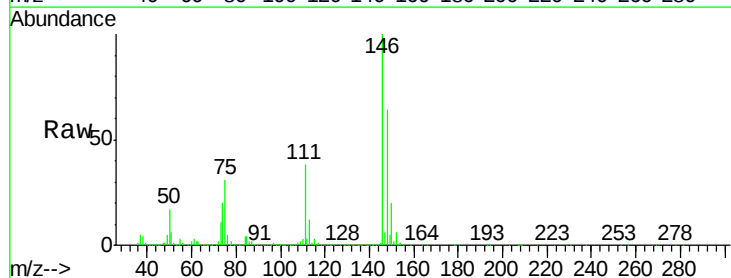
Instrument :
 MSVOA_X
 ClientSampleId :

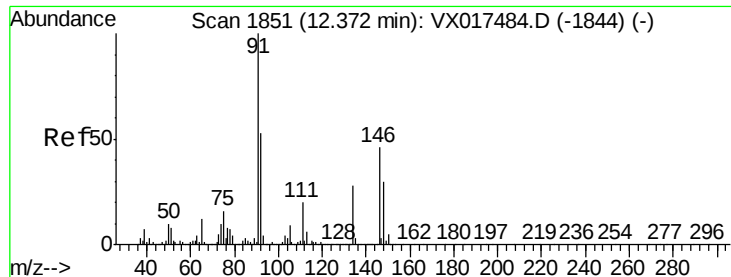
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	64.9	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 48.842 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	64.2	32.2	96.6

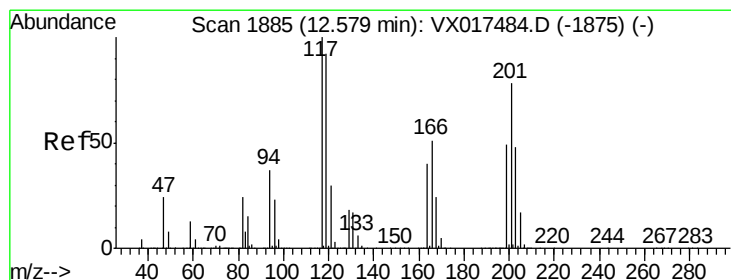
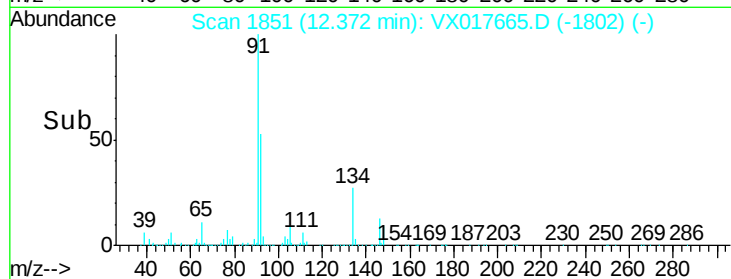
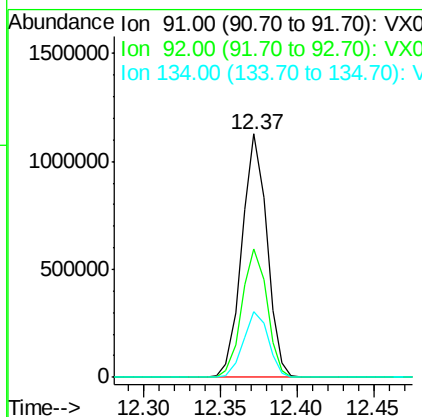
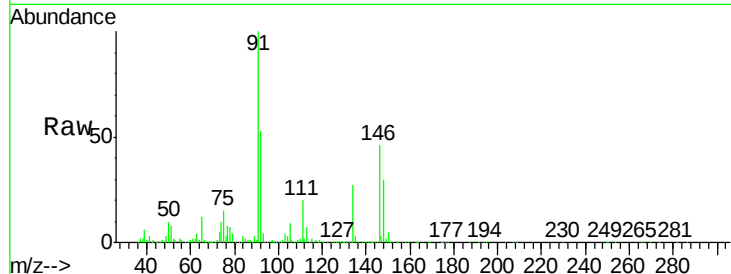




#89
n-Butylbenzene
Concen: 51.903 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

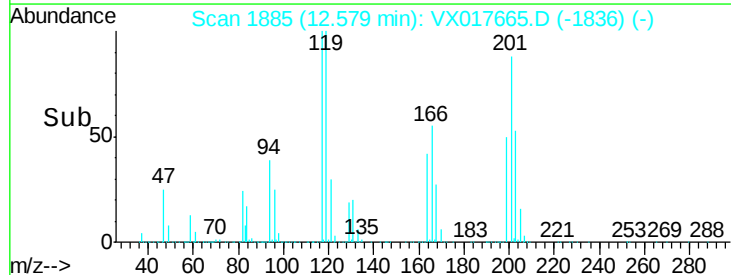
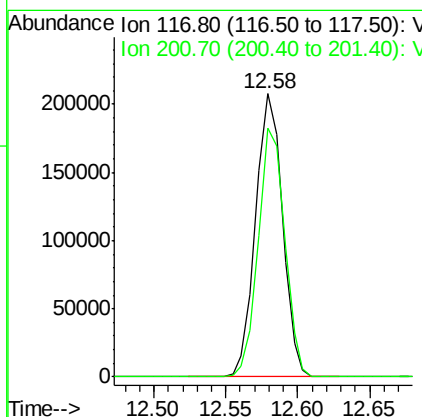
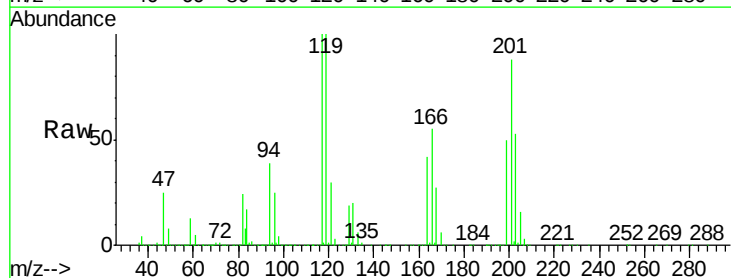
Instrument :
MSVOA_X
ClientSampleId :

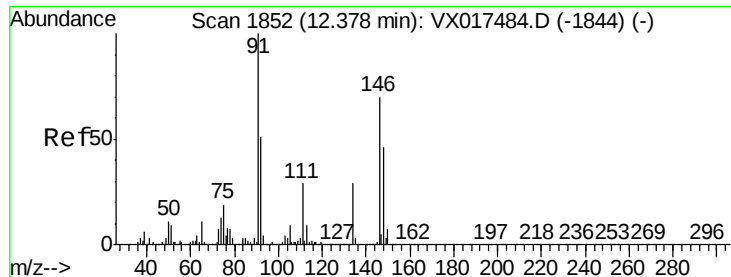
Tot Ion: 91 Resp: 1277565
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.1
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 49.037 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion: 117 Resp: 267056
Ion Ratio Lower Upper
117 100
201 86.6 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 48.369 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

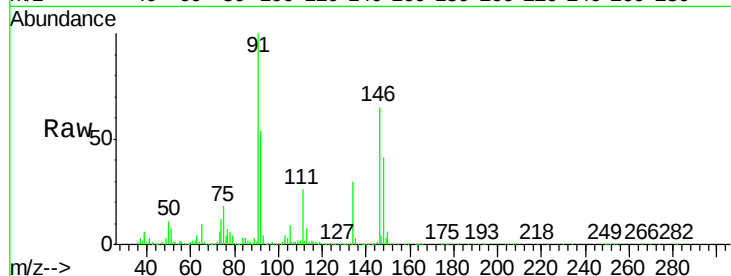
Tot Ion:146 Resp: 696573

Ion Ratio Lower Upper

146 100

111 41.7 20.9 62.8

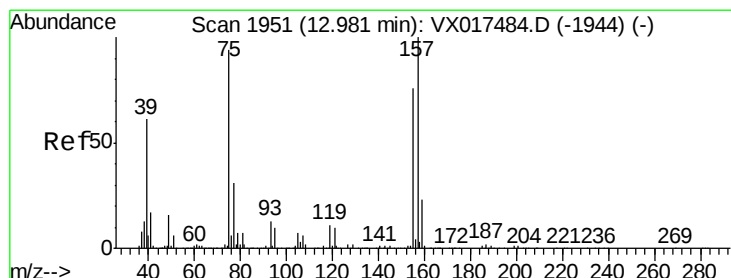
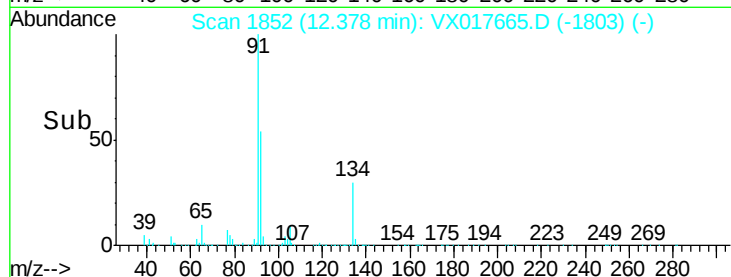
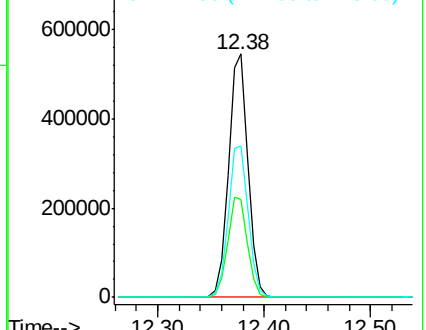
148 64.1 32.8 98.4



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: 42.936 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

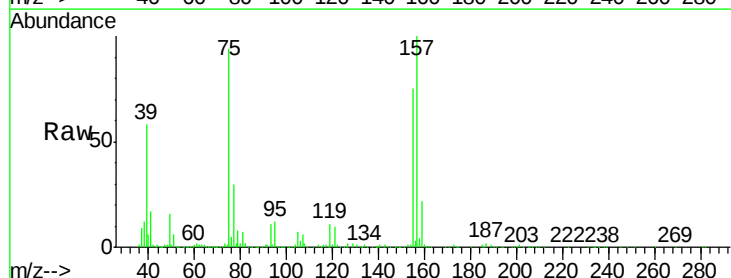
Tgt Ion: 75 Resp: 114484

Ion Ratio Lower Upper

75 100

155 83.3 42.3 126.8

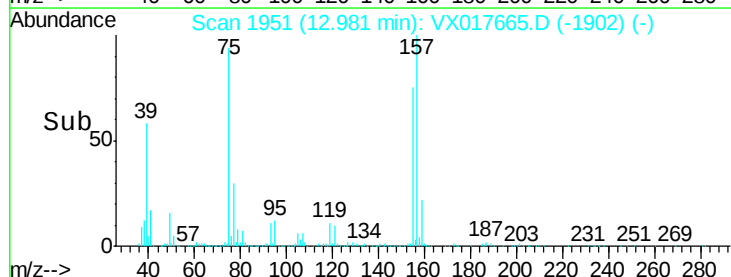
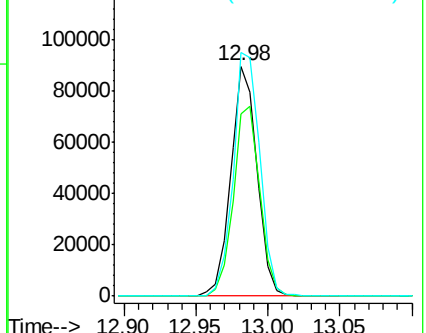
157 107.5 54.3 162.9

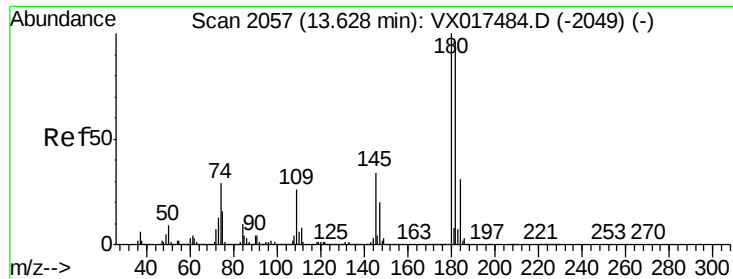


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

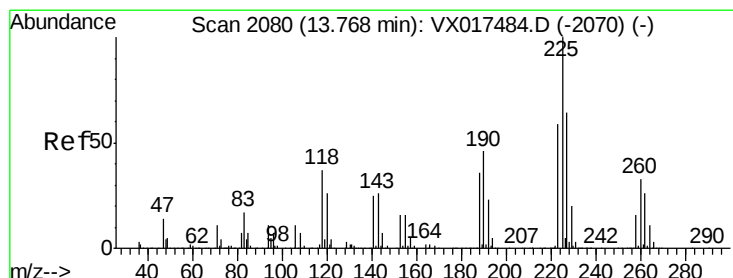
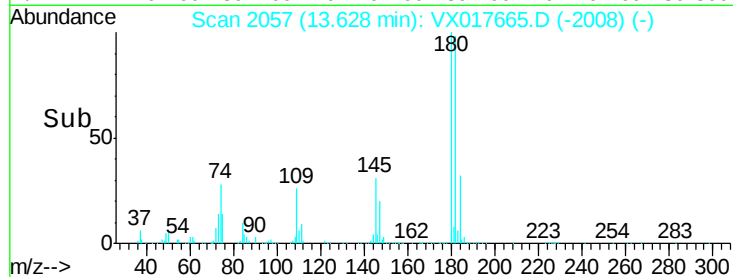
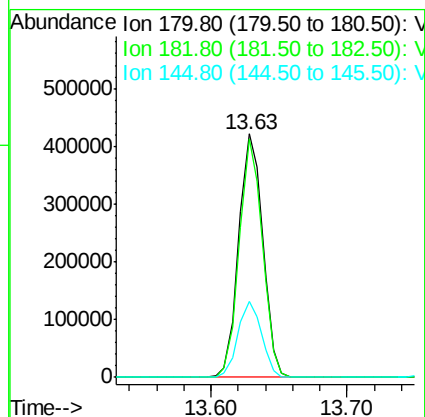
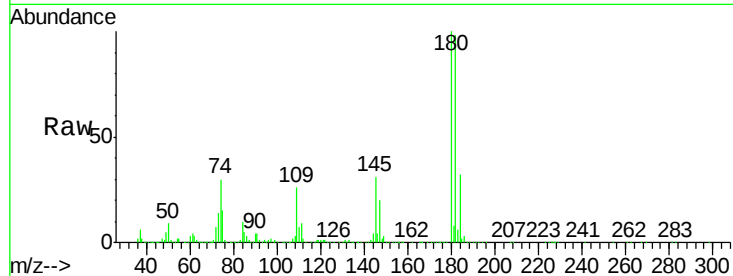




#93
 1,2,4-Trichlorobenzene
 Concen: 52.724 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

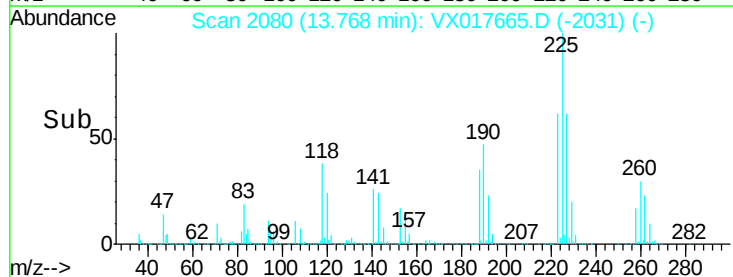
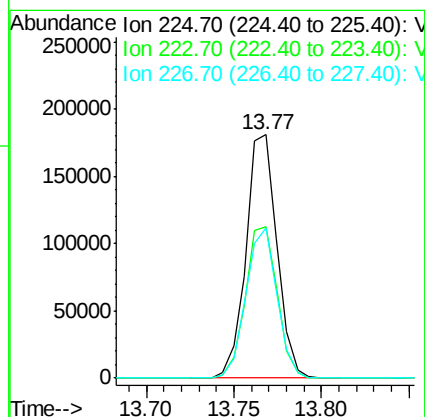
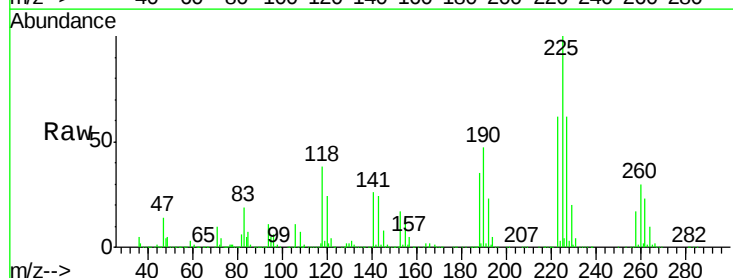
Instrument :
 MSVOA_X
 ClientSampled :

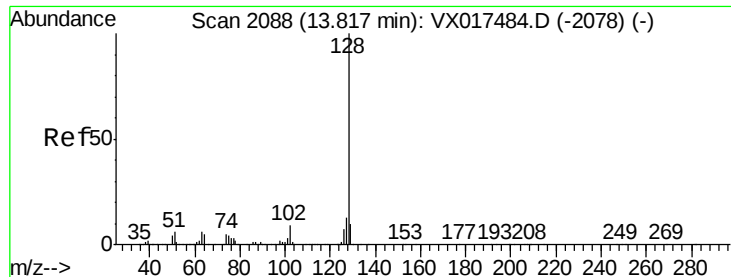
Tot Ion:180 Resp: 518204
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.5 142.6
 145 30.8 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 49.120 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion:225 Resp: 222231
 Ion Ratio Lower Upper
 225 100
 223 64.0 30.3 90.9
 227 62.0 31.1 93.2





#95

Naphthalene

Concen: 51.305 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

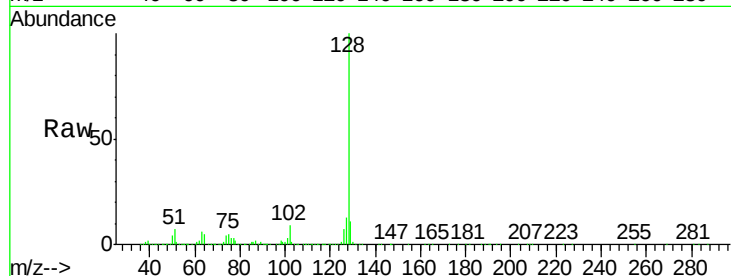
Tot Ion:128 Resp: 1505310

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

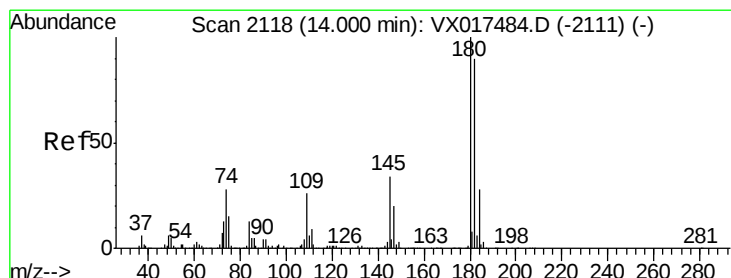
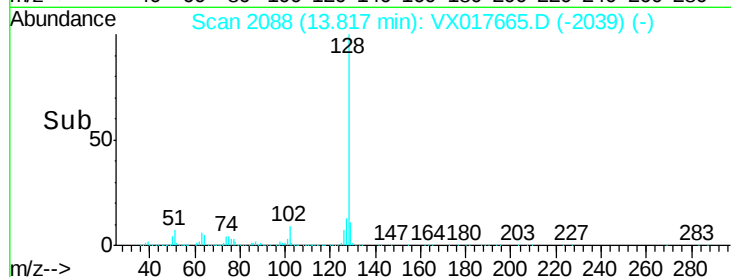
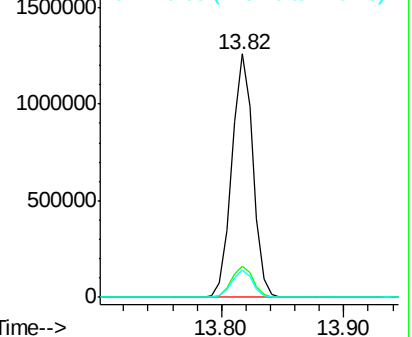
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.889 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

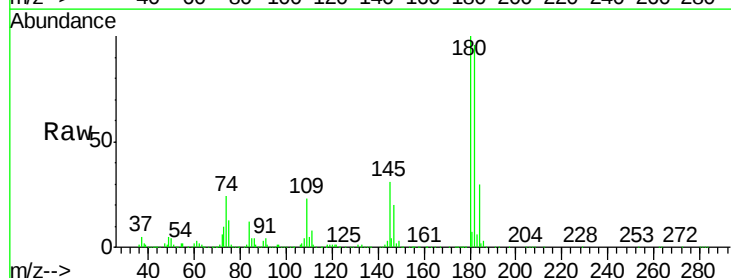
Tgt Ion:180 Resp: 503559

Ion Ratio Lower Upper

180 100

182 95.8 47.4 142.3

145 32.3 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

