

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016771.D
 Acq On : 16 Jun 2020 12:06
 Operator : JC/SP
 Sample : VX0616WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Quant Time: Jun 17 03:54:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	283269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	418154	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	387071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192560	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	153980	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.46	113	125812	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	8.70	98	490046	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.12	95	178338	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	63377	19.892	ug/l 99
3) Chloromethane	1.32	50	57746	18.675	ug/l 99
4) Vinyl Chloride	1.39	62	63542	19.258	ug/l 98
5) Bromomethane	1.63	94	41469	20.237	ug/l 97
6) Chloroethane	1.72	64	39107	19.241	ug/l 99
7) Trichlorofluoromethane	1.92	101	91815	19.321	ug/l 96
8) Diethyl Ether	2.17	74	33153	17.084	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51582	21.335	ug/l 95
10) Methyl Iodide	2.49	142	48648	16.098	ug/l 98
11) Tert butyl alcohol	3.01	59	65602	81.957	ug/l 99
12) 1,1-Dichloroethene	2.36	96	51640	18.652	ug/l 98
13) Acrolein	2.27	56	28405	84.880	ug/l 98
14) Allyl chloride	2.71	41	78542	18.138	ug/l 99
15) Acrylonitrile	3.11	53	144697	89.086	ug/l 99
16) Acetone	2.42	43	114483	79.211	ug/l 98
17) Carbon Disulfide	2.55	76	141869	17.892	ug/l 99
18) Methyl Acetate	2.75	43	73788	19.127	ug/l 97
19) Methyl tert-butyl Ether	3.17	73	169137	17.924	ug/l 97
20) Methylene Chloride	2.84	84	55132	17.709	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	53366	17.937	ug/l 98
22) Diisopropyl ether	3.82	45	153302	18.848	ug/l 98
23) Vinyl Acetate	3.78	43	643488	91.534	ug/l 100
24) 1,1-Dichloroethane	3.67	63	92163	18.117	ug/l 99
25) 2-Butanone	4.63	43	190971	87.674	ug/l 99
26) 2,2-Dichloropropane	4.55	77	86920	18.453	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	60701	17.850	ug/l 99
28) Bromochloromethane	4.98	49	39115	18.025	ug/l 98
29) Tetrahydrofuran	5.09	42	125035	88.610	ug/l 100
30) Chloroform	5.18	83	96718	17.971	ug/l 97
31) Cyclohexane	5.54	56	79731	19.888	ug/l 95
32) 1,1,1-Trichloroethane	5.46	97	91221	18.679	ug/l 100
36) 1,1-Dichloropropene	5.77	75	74426	20.141	ug/l 98
37) Ethyl Acetate	4.79	43	75882	18.751	ug/l 100
38) Carbon Tetrachloride	5.76	117	81414	19.399	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Quant Time: Jun 17 03:54:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	83398	20.044	ug/l	98
40) Benzene	6.11	78	215231	19.130	ug/l	99
41) Methacrylonitrile	5.00	41	41207	19.097	ug/l	98
42) 1,2-Dichloroethane	6.17	62	76881	18.722	ug/l	99
43) Isopropyl Acetate	6.41	43	118349	18.660	ug/l	99
44) Trichloroethene	7.19	130	76571	22.002	ug/l	98
45) 1,2-Dichloropropane	7.49	63	53107	19.255	ug/l	96
46) Dibromomethane	7.64	93	37199	18.505	ug/l	99
47) Bromodichloromethane	7.87	83	77736	18.549	ug/l	100
48) Methyl methacrylate	7.74	41	56699	18.861	ug/l	98
49) 1,4-Dioxane	7.71	88	25952	348.851	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	376621	96.364	ug/l	99
52) Toluene	8.76	92	140278	19.195	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	87114	18.404	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	91943	18.622	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54655	18.596	ug/l	99
56) Ethyl methacrylate	9.16	69	82229	18.687	ug/l	100
57) 1,3-Dichloropropane	9.35	76	91913	18.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	208666	96.442	ug/l	100
59) 2-Hexanone	9.47	43	284734	94.374	ug/l	99
60) Dibromochloromethane	9.57	129	65116	18.746	ug/l	100
61) 1,2-Dibromoethane	9.65	107	58781	18.351	ug/l	97
64) Tetrachloroethene	9.32	164	87933	23.658	ug/l	97
65) Chlorobenzene	10.12	112	150431	19.153	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	59065	18.851	ug/l	99
67) Ethyl Benzene	10.23	91	259188	19.521	ug/l	98
68) m/p-Xylenes	10.34	106	197458	39.223	ug/l	98
69) o-Xylene	10.68	106	95190	19.627	ug/l	100
70) Styrene	10.70	104	161373	19.247	ug/l	99
71) Bromoform	10.84	173	49958	18.688	ug/l	# 98
73) Isopropylbenzene	11.00	105	255128	20.192	ug/l	99
74) N-amyl acetate	10.88	43	98303	20.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	52319	14.077	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	101541	25.075	ug/l	86
77) Bromobenzene	11.24	156	68780	19.279	ug/l	99
78) n-propylbenzene	11.34	91	277937	20.256	ug/l	100
79) 2-Chlorotoluene	11.40	91	171581	19.775	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	217266	20.513	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	29152	18.123	ug/l	96
82) 4-Chlorotoluene	11.49	91	199504	19.643	ug/l	99
83) tert-Butylbenzene	11.76	119	181421	18.719	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	214295	20.000	ug/l	99
85) sec-Butylbenzene	11.93	105	229006	20.201	ug/l	100
86) p-Isopropyltoluene	12.05	119	219254	20.157	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	117656	19.508	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	117425	18.774	ug/l	99
89) n-Butylbenzene	12.37	91	182634	20.339	ug/l	100
90) Hexachloroethane	12.58	117	38121	19.005	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	113290	18.783	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18517	17.816	ug/l	98

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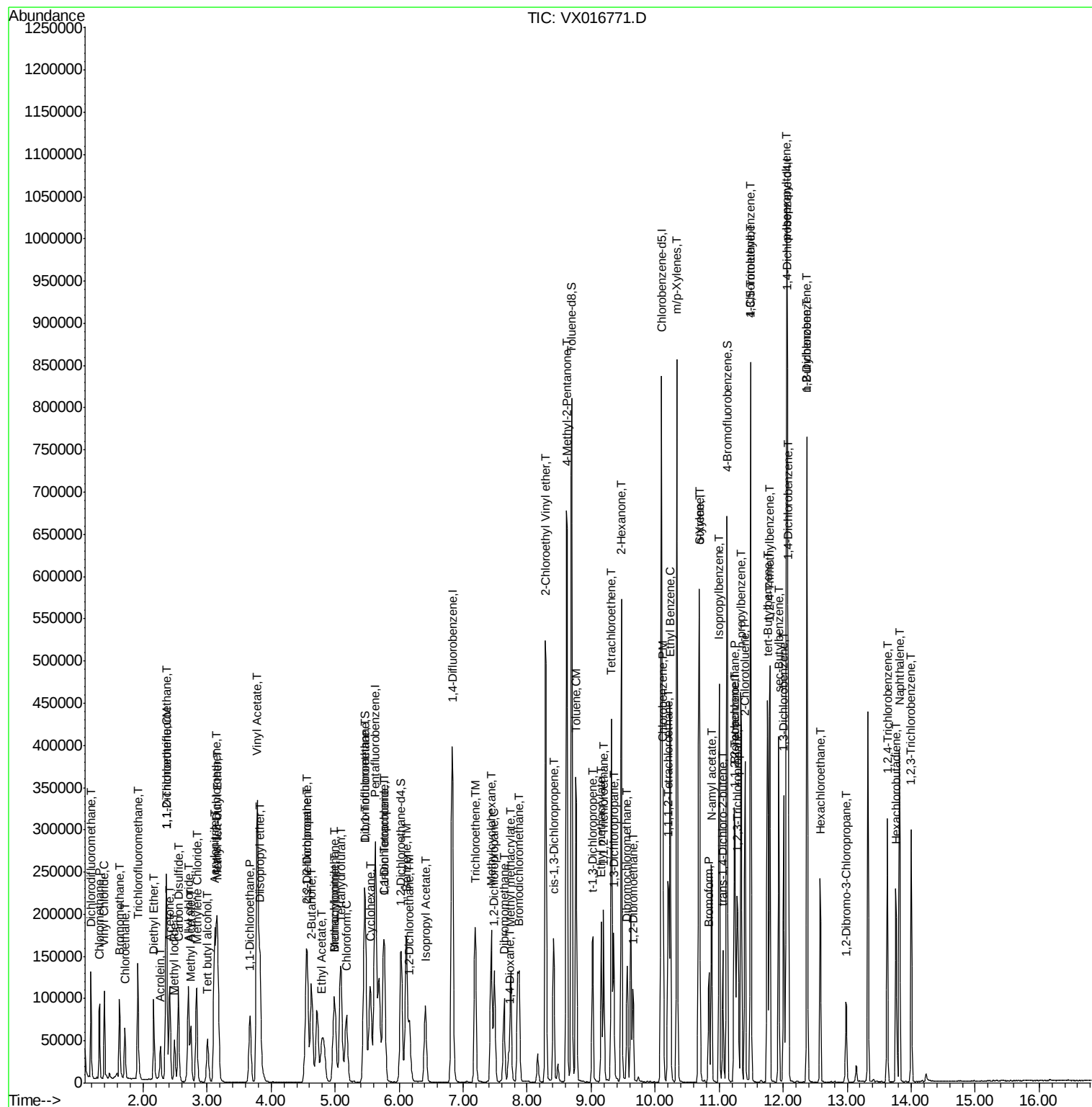
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78727	18.639	ug/l	98
94) Hexachlorobutadiene	13.76	225	35202	19.196	ug/l	96
95) Naphthalene	13.82	128	246329	18.616	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76405	18.378	ug/l	95

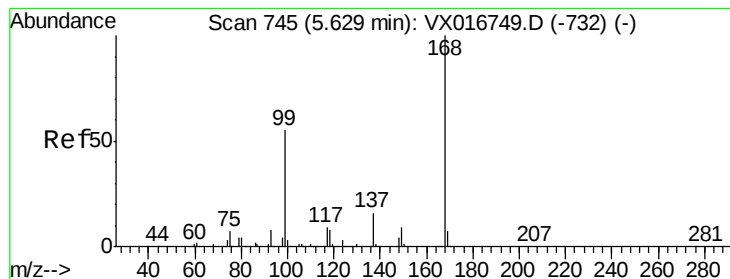
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016771.D
 Acq On : 16 Jun 2020 12:06
 Operator : JC/SP
 Sample : VX0616WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
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Quant Time: Jun 17 03:54:30 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

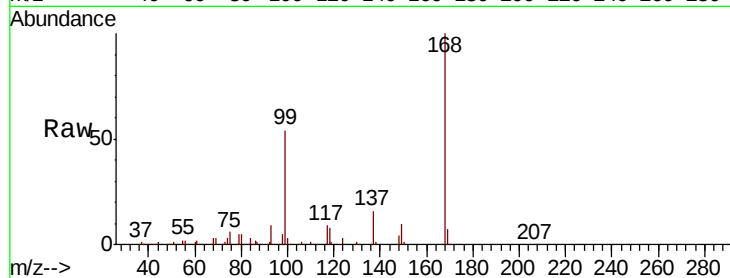
VX0616WBS01

Tot Ion:168 Resp: 283269

Ion Ratio Lower Upper

168 100

99 53.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

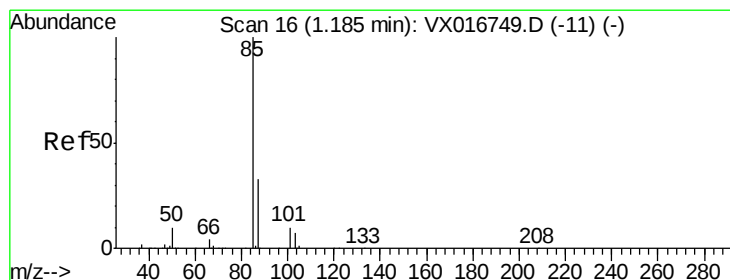
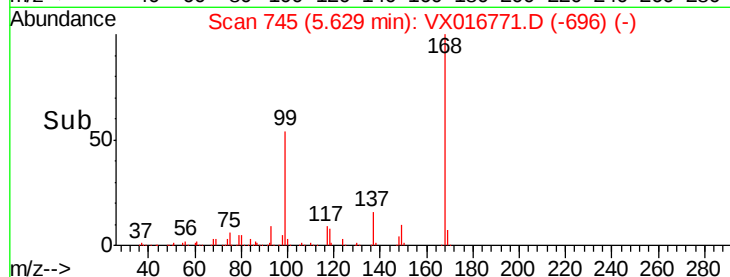
40000

20000

0

5.50 5.63 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.892 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016771.D

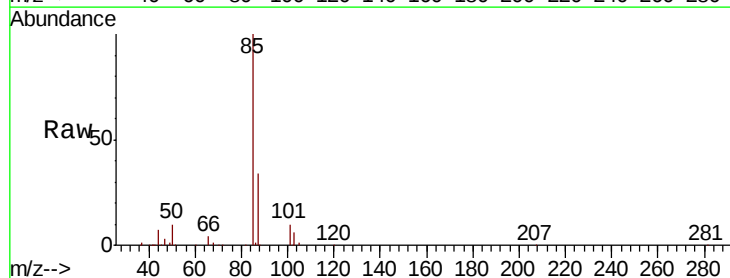
Acq: 16 Jun 2020 12:06

Tgt Ion: 85 Resp: 63377

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

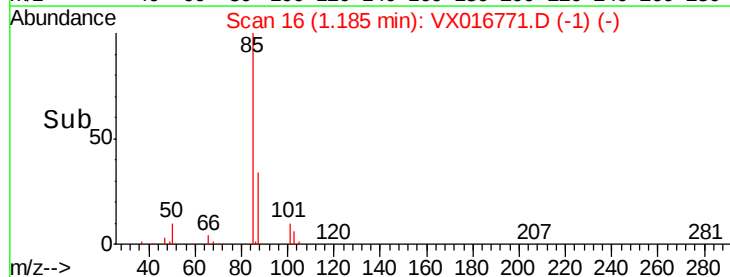
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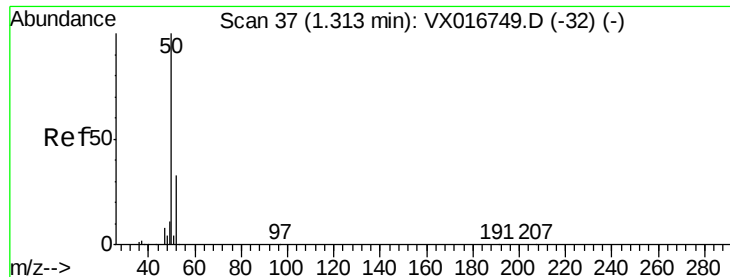
20000

0

1.15 1.18 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.675 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

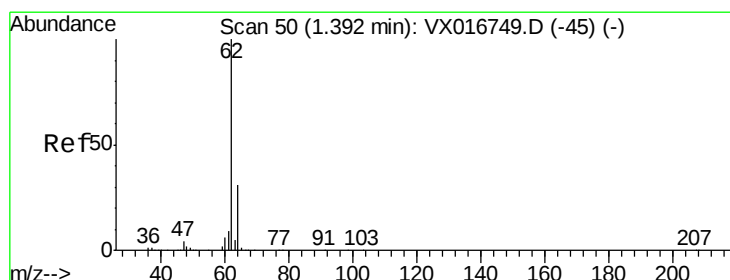
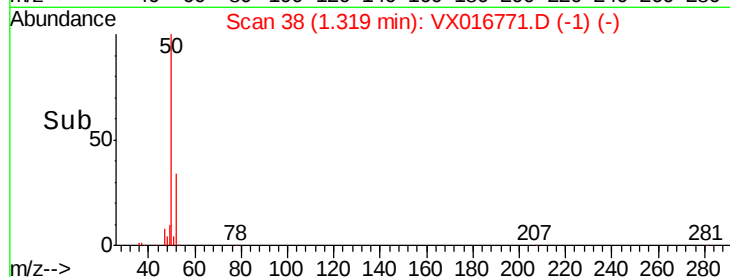
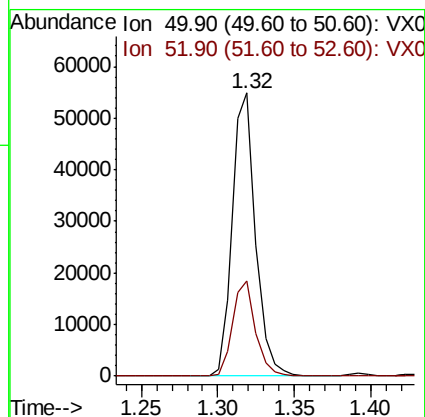
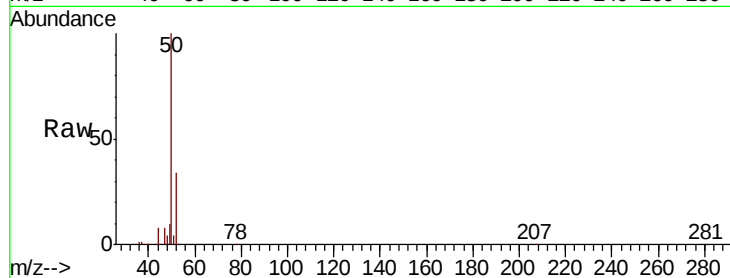
VX0616WBS01

Tot Ion: 50 Resp: 57746

Ion Ratio Lower Upper

50 100

52 33.8 26.5 39.7



#4

Vinyl Chloride

Concen: 19.258 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016771.D

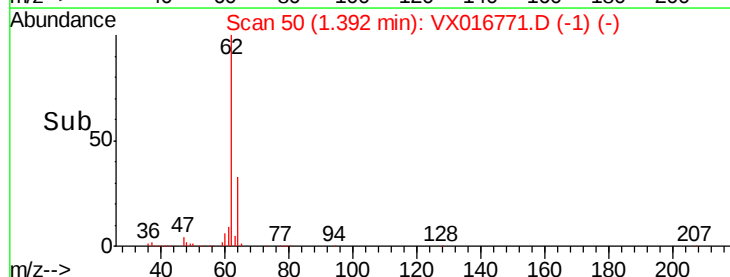
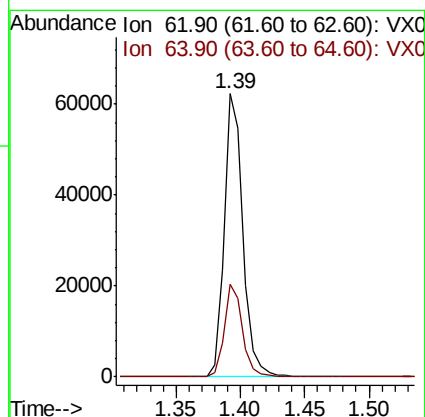
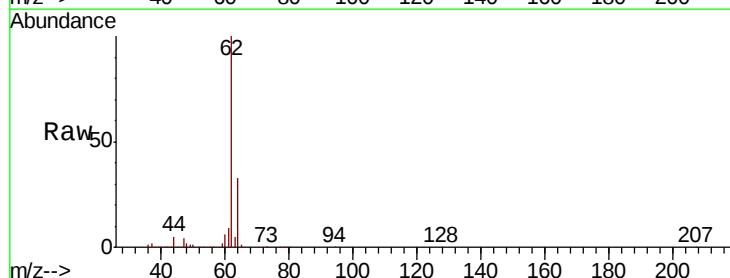
Acq: 16 Jun 2020 12:06

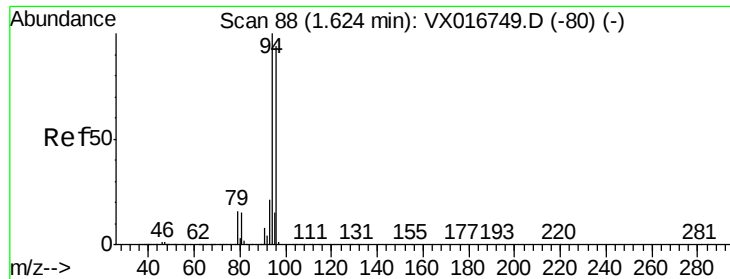
Tgt Ion: 62 Resp: 63542

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 20.237 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

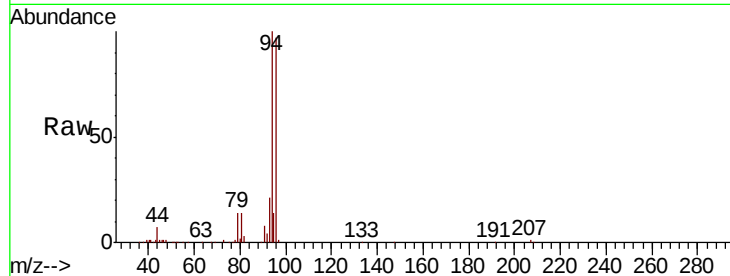
VX0616WBS01

Tot Ion: 94 Resp: 41469

Ion Ratio Lower Upper

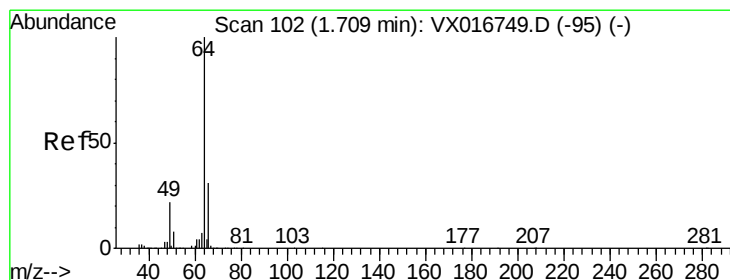
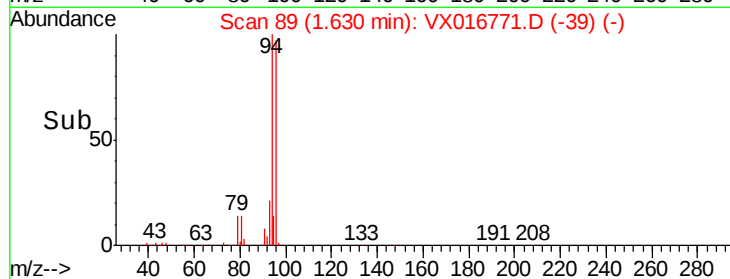
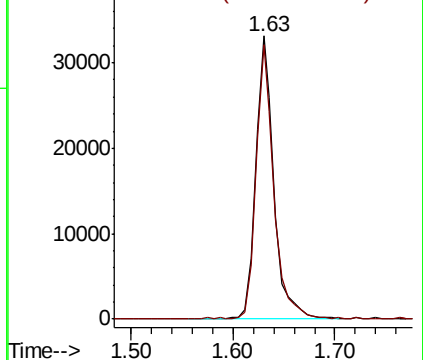
94 100

96 96.9 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.241 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016771.D

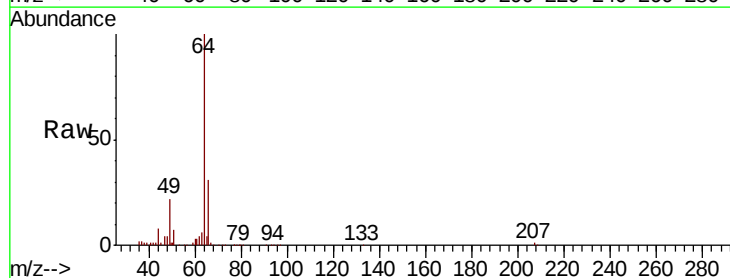
Acq: 16 Jun 2020 12:06

Tgt Ion: 64 Resp: 39107

Ion Ratio Lower Upper

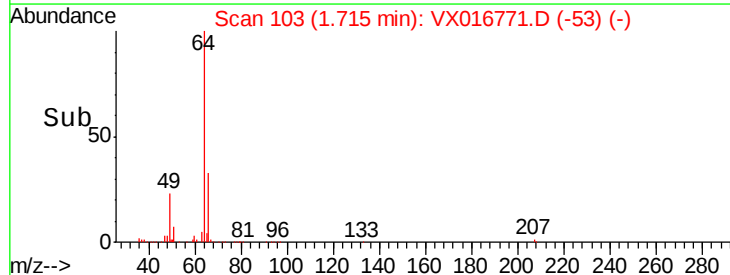
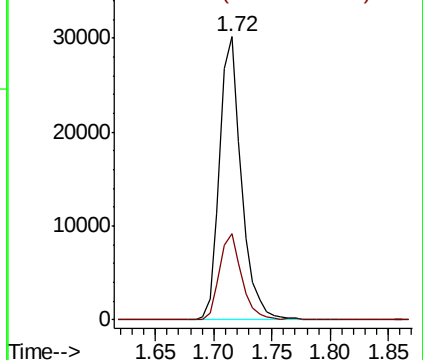
64 100

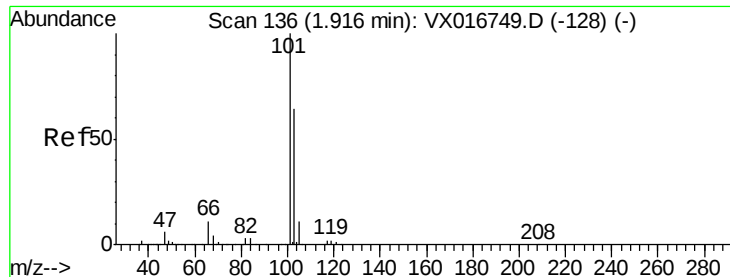
66 30.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



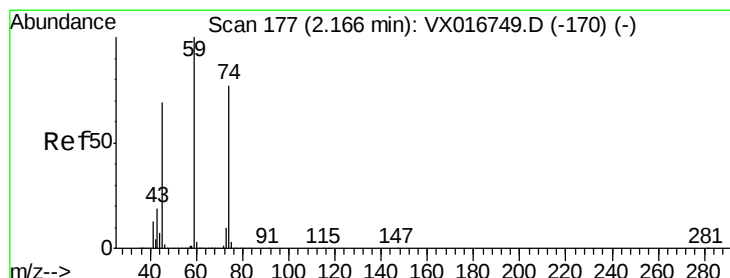
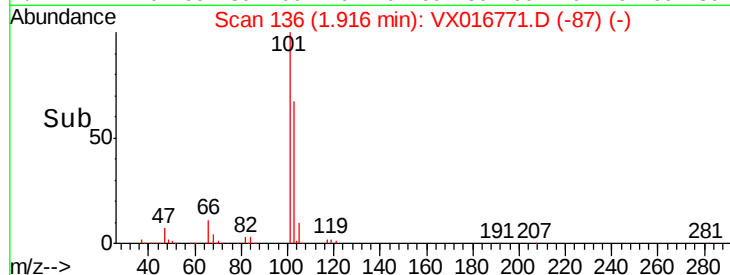
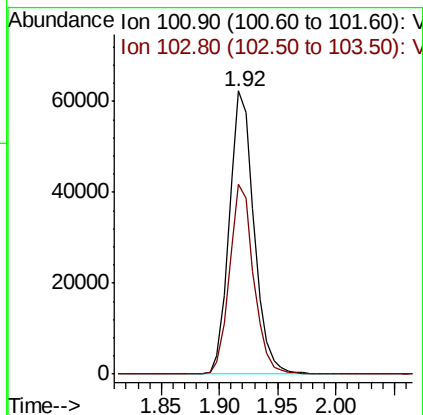
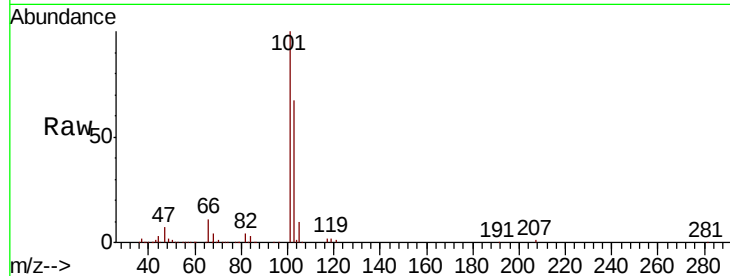


#7

Trichlorofluoromethane
 Concen: 19.321 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

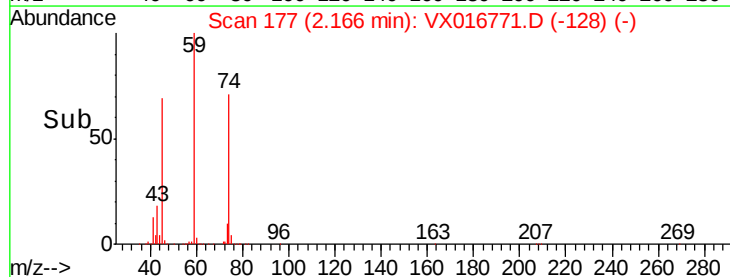
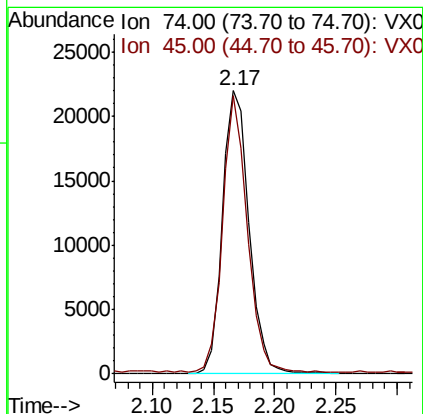
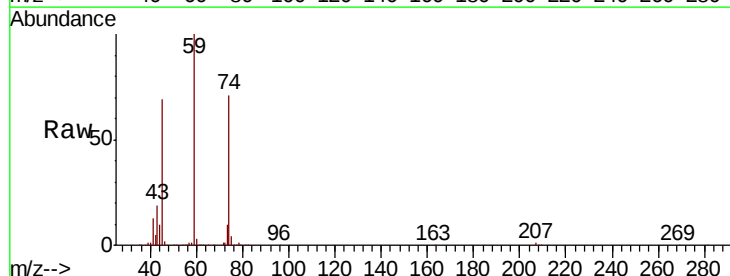
Tot Ion:101 Resp: 91815
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.3 76.9

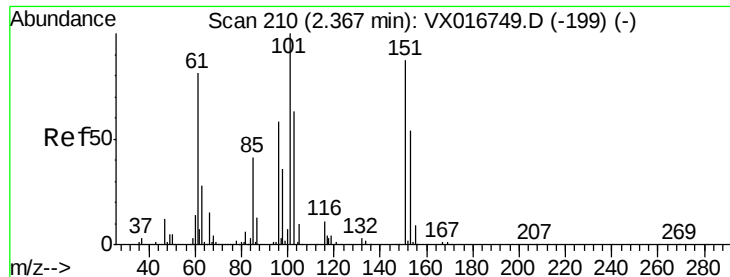


#8

Diethyl Ether
 Concen: 17.084 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion: 74 Resp: 33153
 Ion Ratio Lower Upper
 74 100
 45 91.1 43.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.335 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

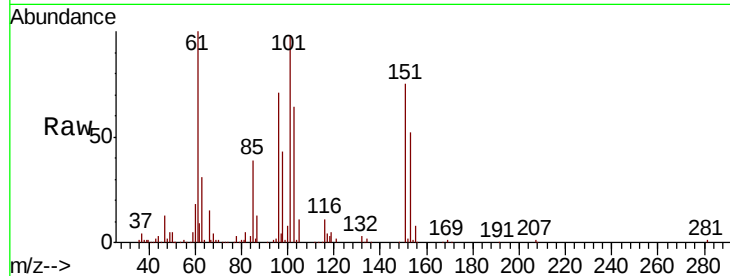
Tot Ion:101 Resp: 51582

Ion Ratio Lower Upper

101 100

85 40.9 34.0 51.0

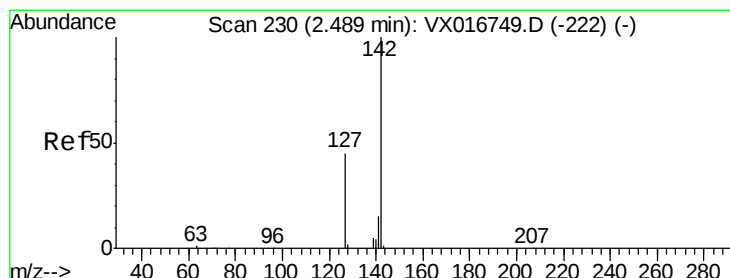
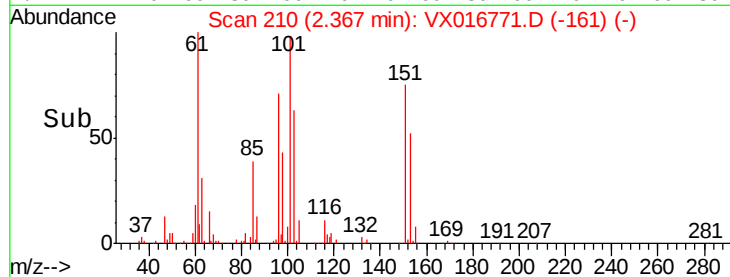
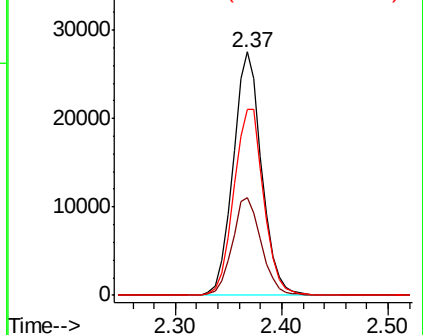
151 80.4 68.7 103.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.098 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

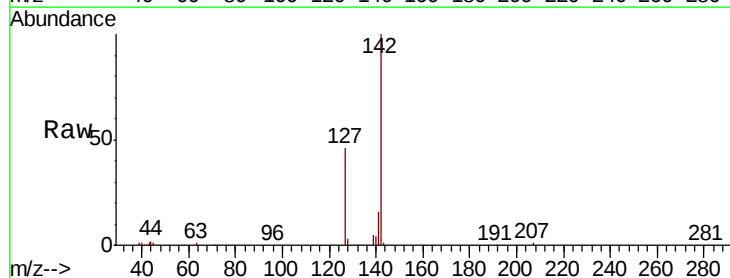
Tgt Ion:142 Resp: 48648

Ion Ratio Lower Upper

142 100

127 43.0 35.4 53.2

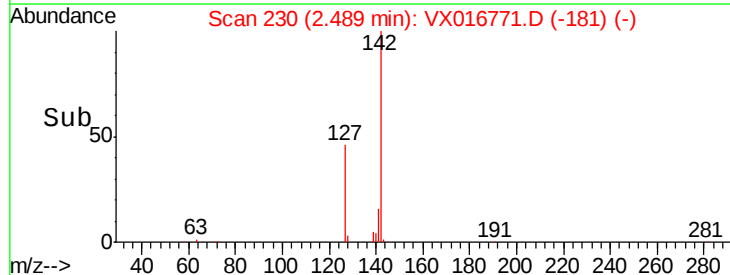
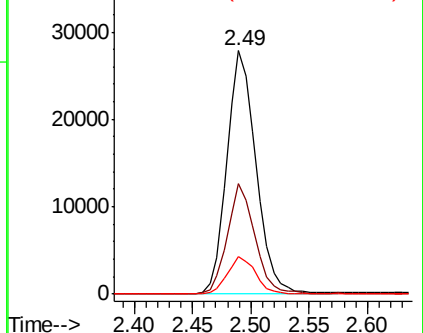
141 15.0 11.7 17.5

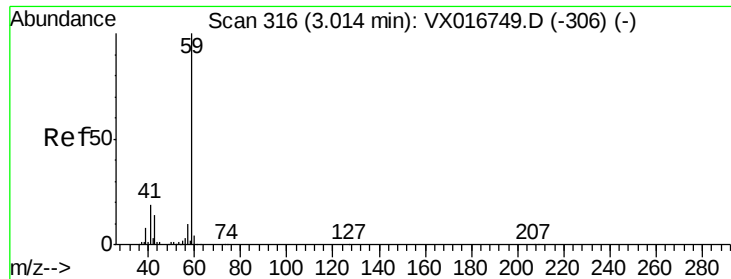


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



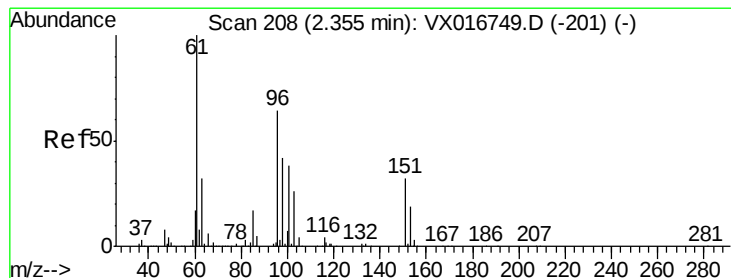
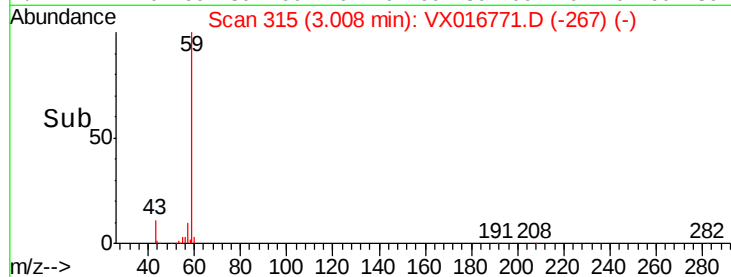
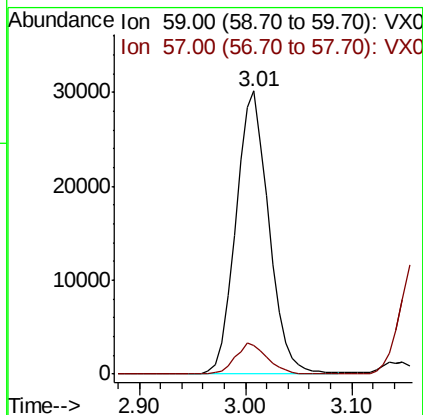
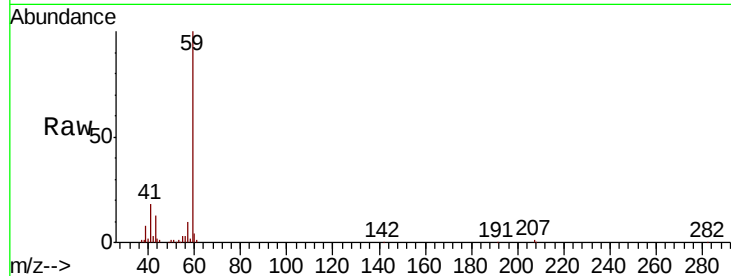


#11

Tert butyl alcohol
 Concen: 81.957 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

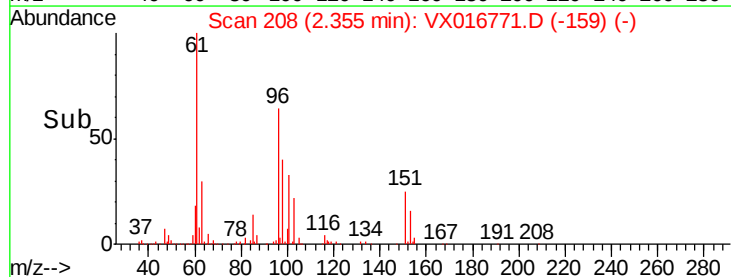
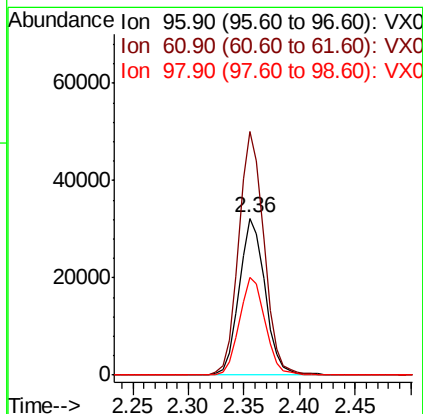
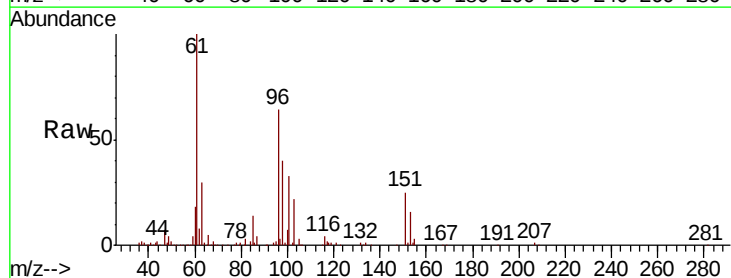
Tot Ion: 59 Resp: 65602
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

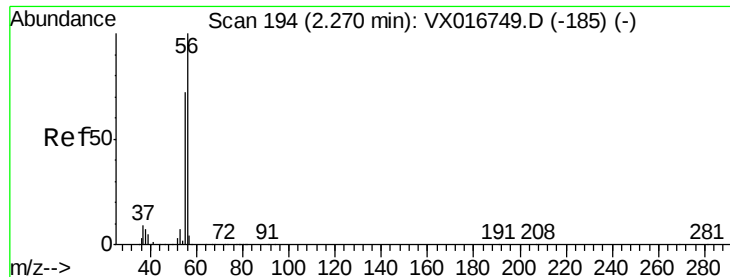


#12

1,1-Dichloroethene
 Concen: 18.652 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion: 96 Resp: 51640
 Ion Ratio Lower Upper
 96 100
 61 155.6 124.1 186.1
 98 62.4 52.7 79.1





#13

Acrolein

Concen: 84.880 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

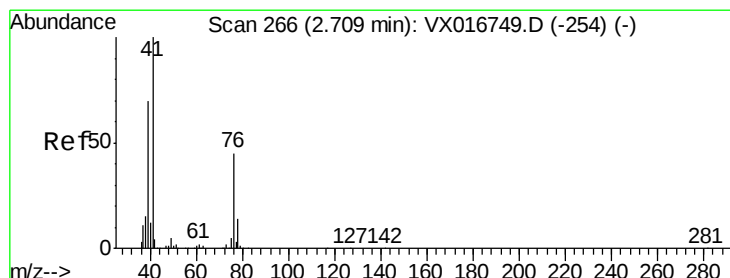
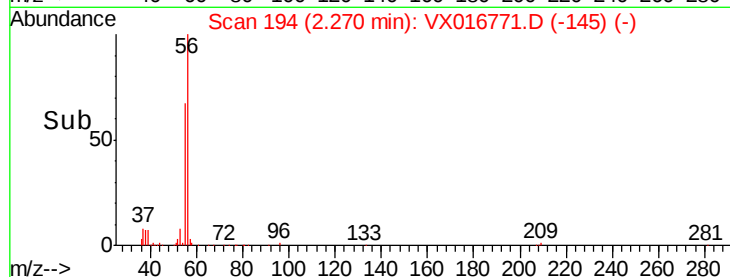
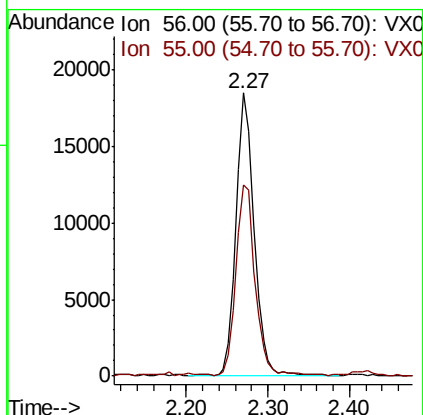
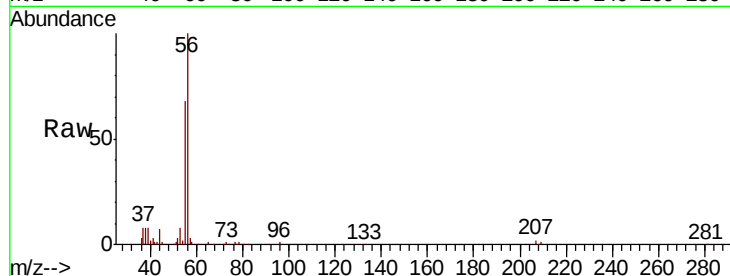
VX0616WBS01

Tot Ion: 56 Resp: 28405

Ion Ratio Lower Upper

56 100

55 71.5 58.2 87.4



#14

Allyl chloride

Concen: 18.138 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

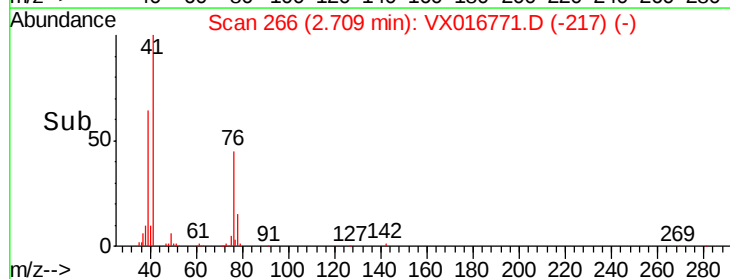
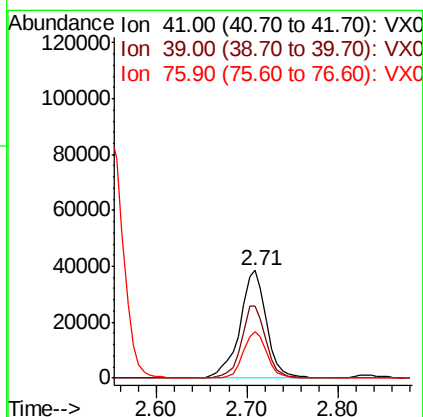
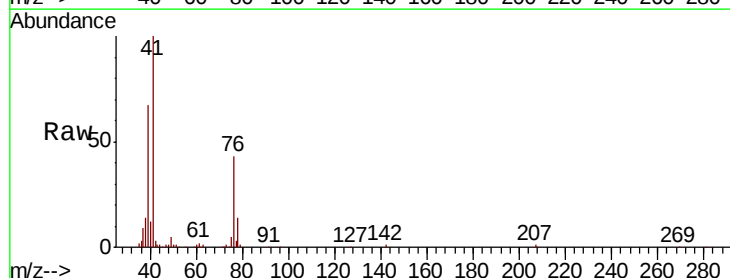
Tgt Ion: 41 Resp: 78542

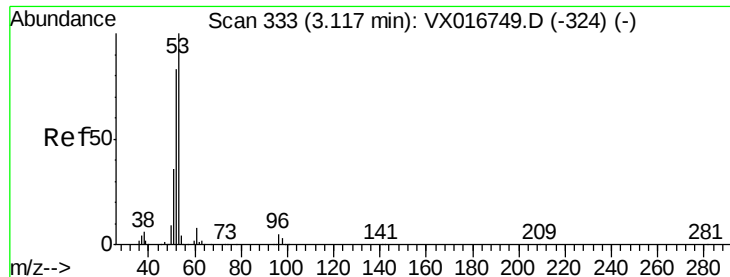
Ion Ratio Lower Upper

41 100

39 61.1 50.2 75.4

76 37.9 30.4 45.6

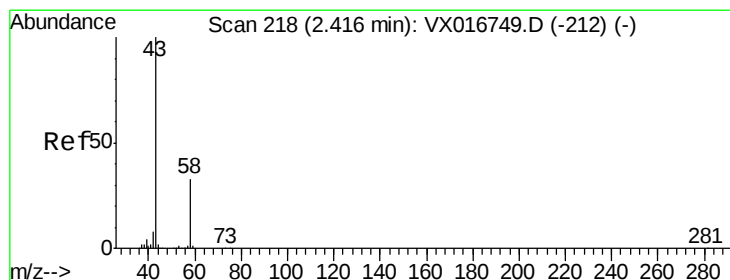
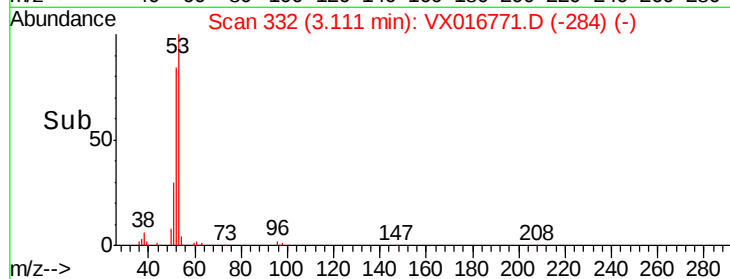
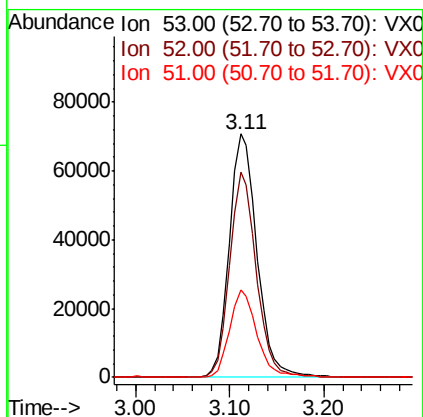
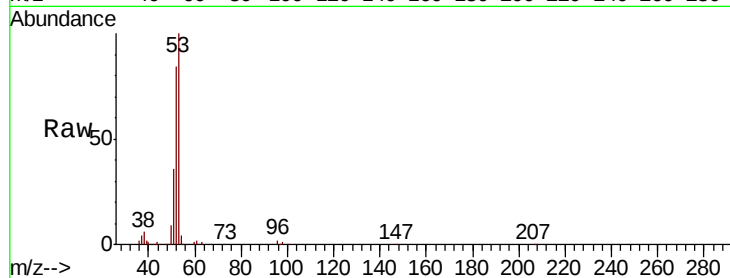




#15
 Acrylonitrile
 Concen: 89.086 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

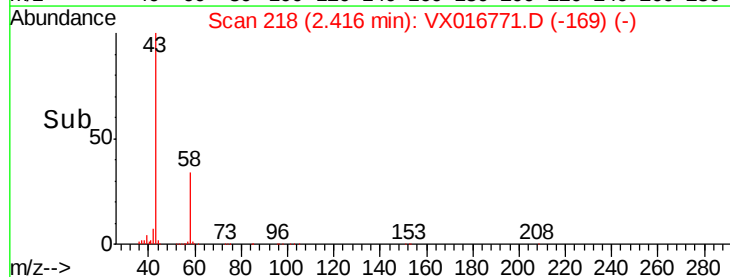
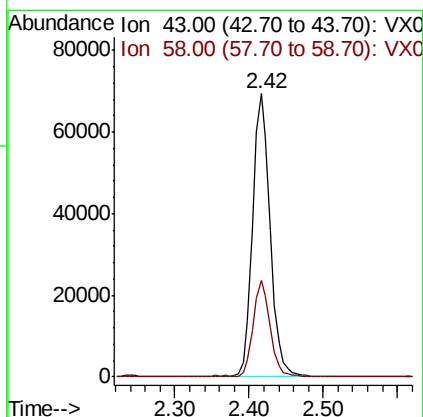
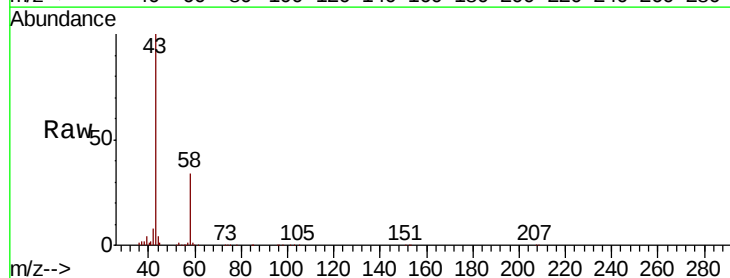
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

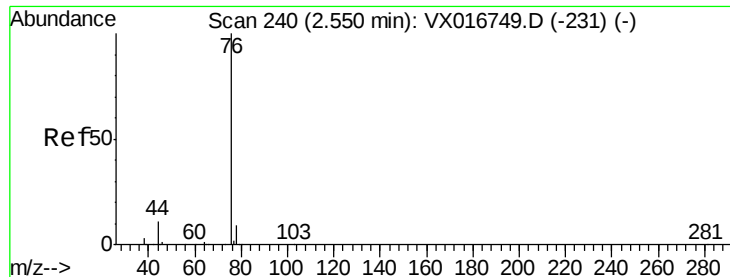
Tot Ion	53	Resp	144697
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.5	98.3
51	36.1	28.6	42.8



#16
 Acetone
 Concen: 79.211 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion	43	Resp	114483
Ion	Ratio	Lower	Upper
43	100		
58	34.1	26.3	39.5

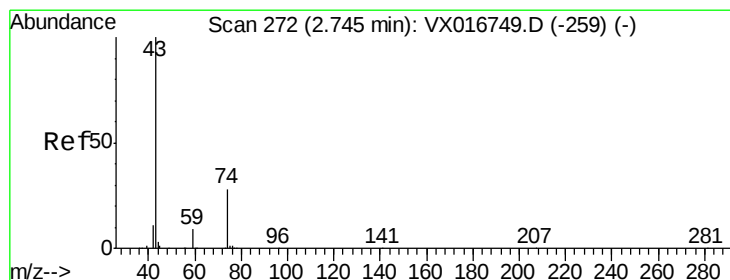
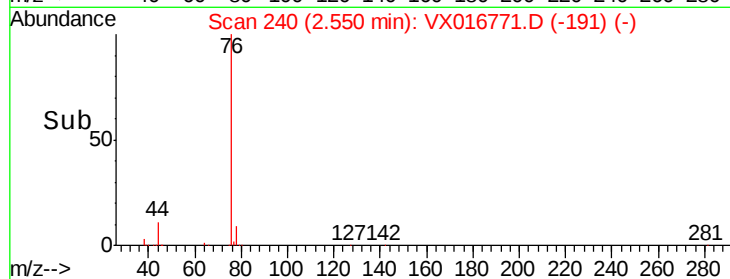
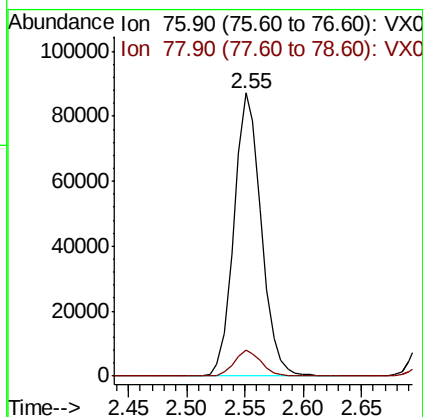
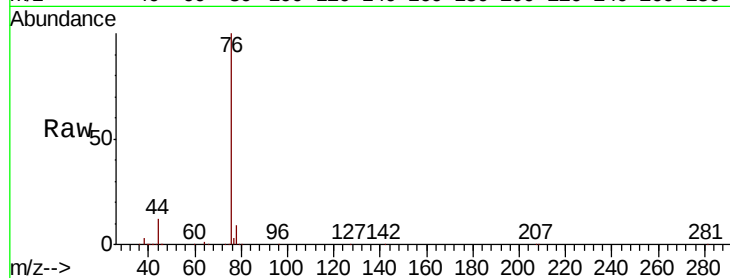




#17
Carbon Disulfide
Concen: 17.892 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

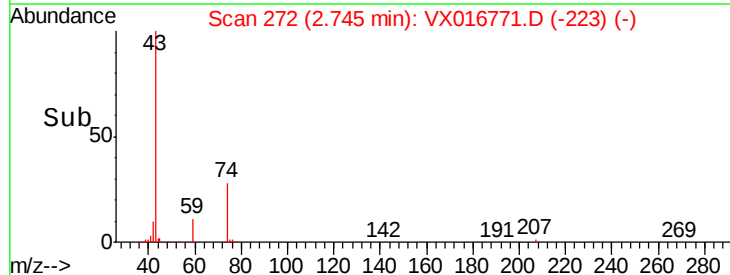
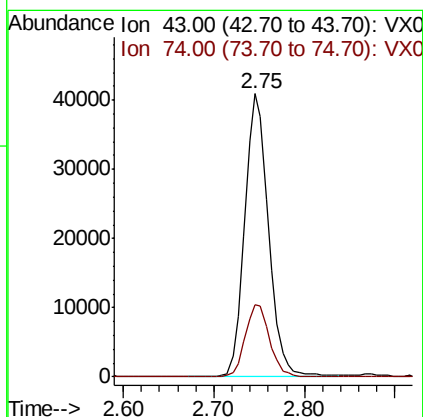
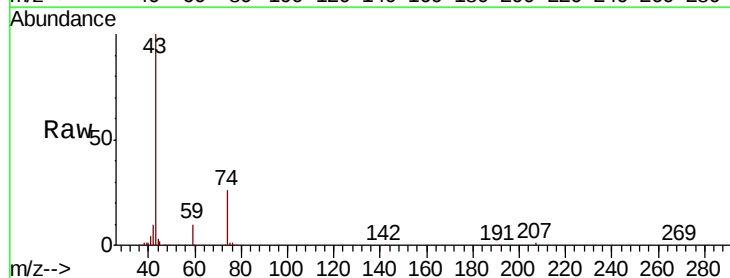
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

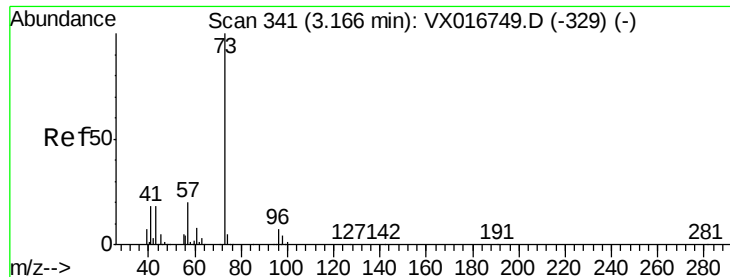
Tot Ion: 76 Resp: 141869
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 19.127 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion: 43 Resp: 73788
Ion Ratio Lower Upper
43 100
74 26.4 22.4 33.6



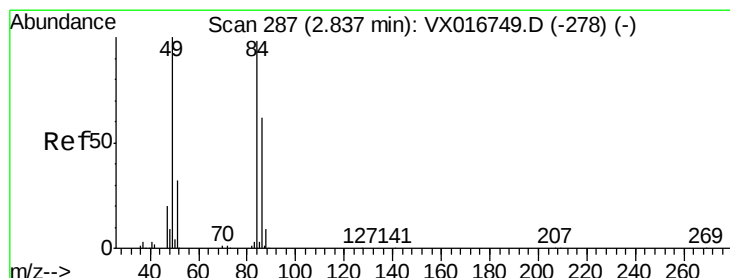
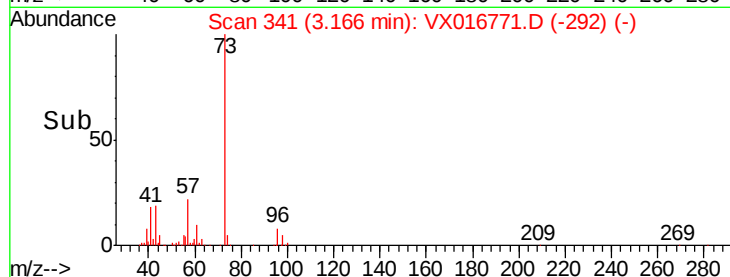
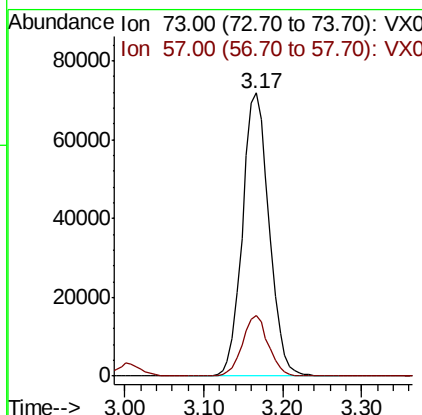
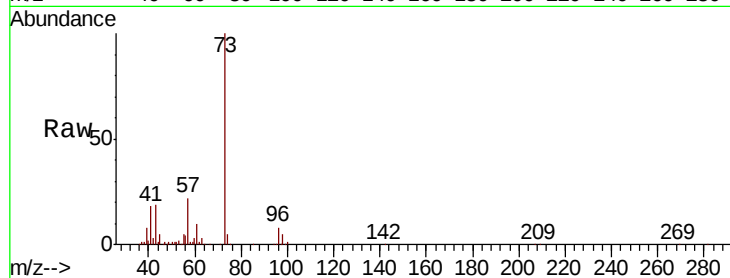


#19

Methyl tert-butyl Ether
 Concen: 17.924 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

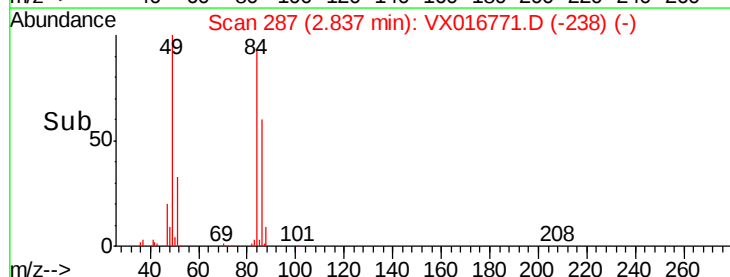
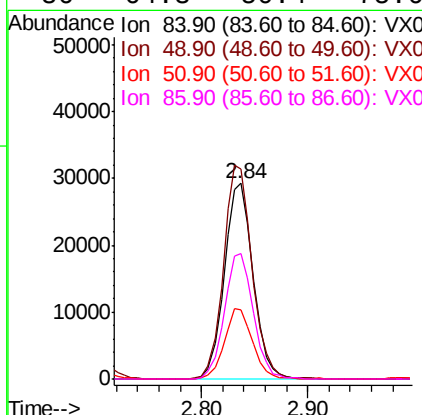
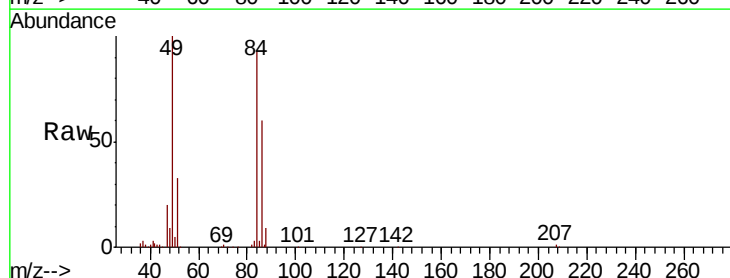
Tot Ion: 73 Resp: 169137
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.2 24.4

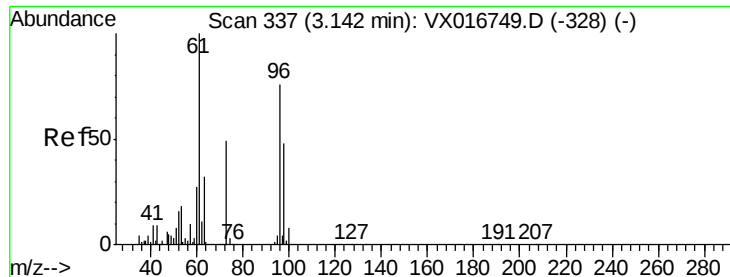


#20

Methylene Chloride
 Concen: 17.709 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion: 84 Resp: 55132
 Ion Ratio Lower Upper
 84 100
 49 107.4 81.8 122.8
 51 35.3 25.8 38.8
 86 64.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 17.937 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

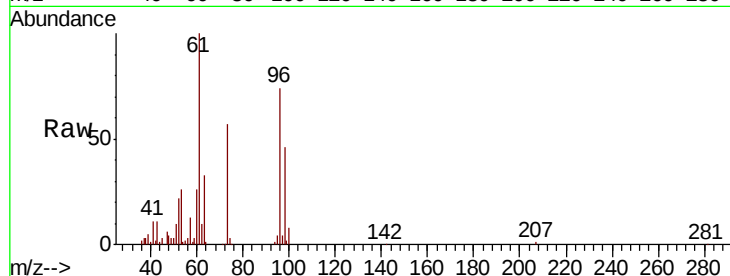
Tot Ion: 96 Resp: 53366

Ion Ratio Lower Upper

96 100

61 134.6 105.4 158.2

98 61.5 50.8 76.2

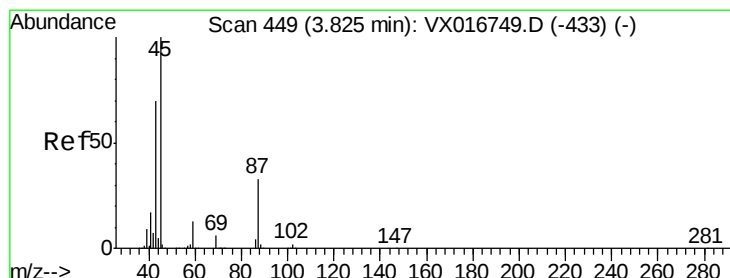
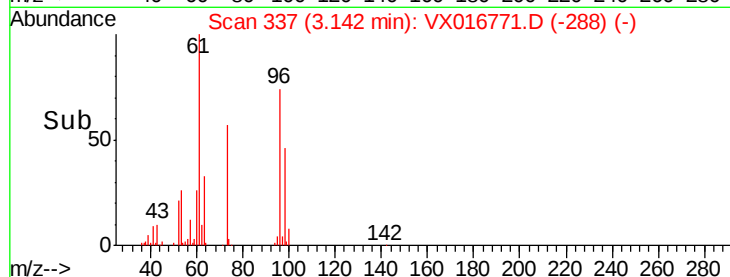
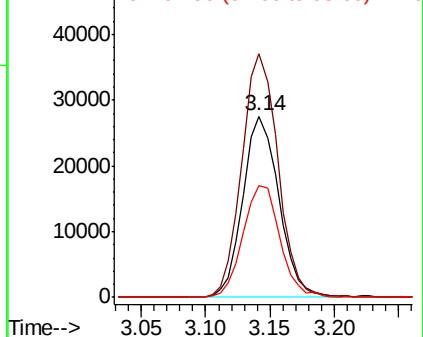


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.848 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Tgt Ion: 45 Resp: 153302

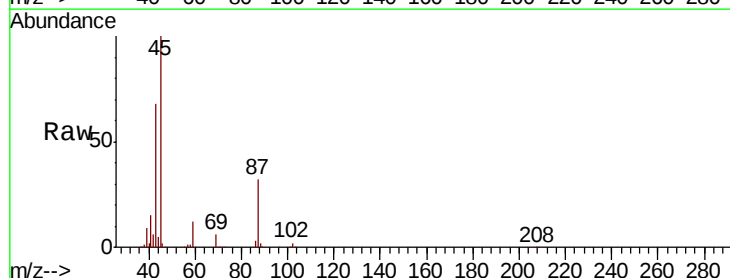
Ion Ratio Lower Upper

45 100

43 68.2 56.2 84.4

87 32.1 26.2 39.4

59 11.9 10.3 15.5



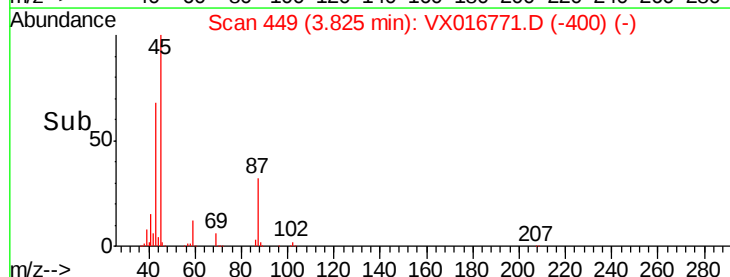
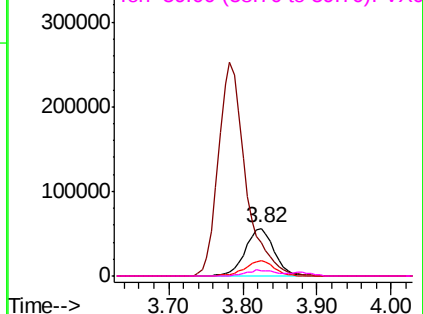
Abundance

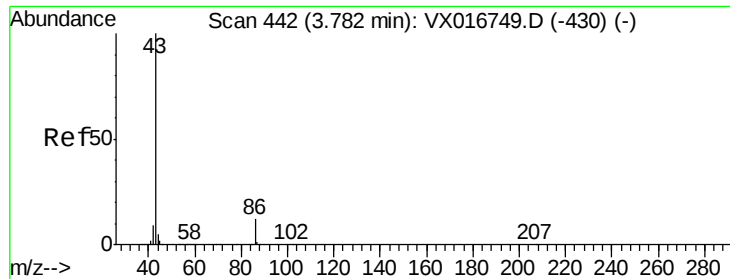
Ion 45.00 (44.70 to 45.70): VX0

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

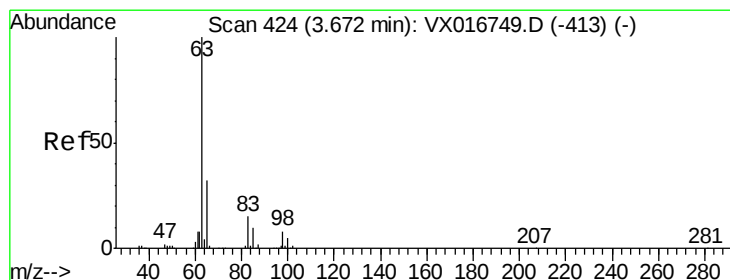
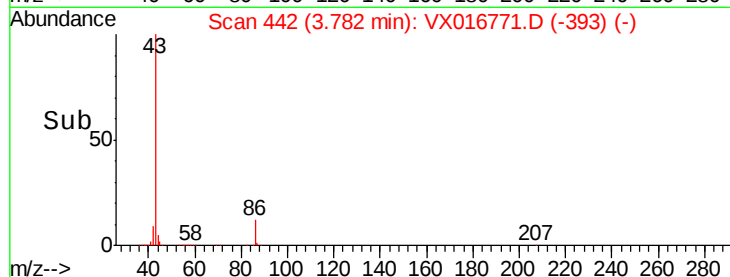
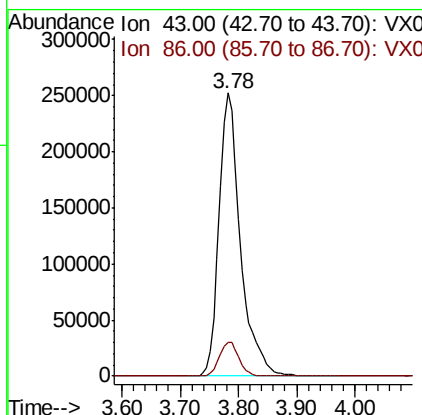
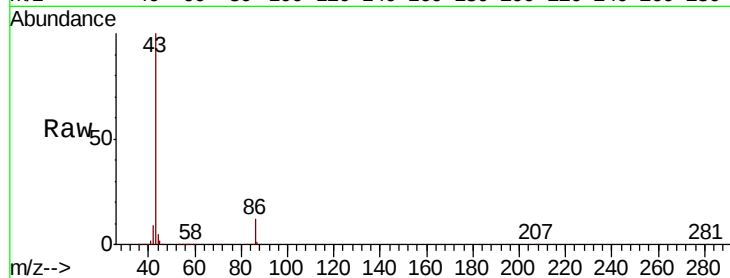




#23
 Vinyl Acetate
 Concen: 91.534 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

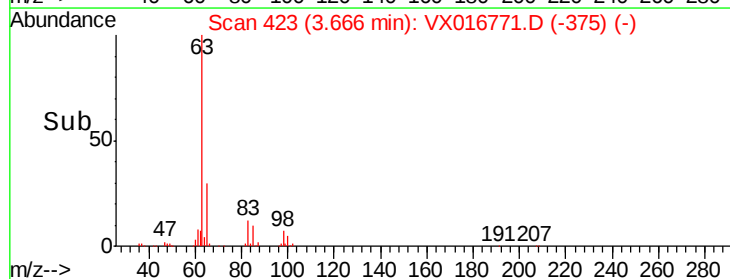
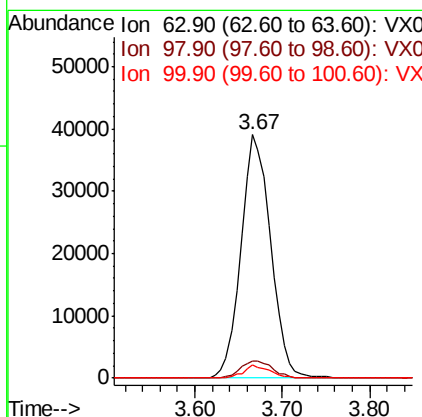
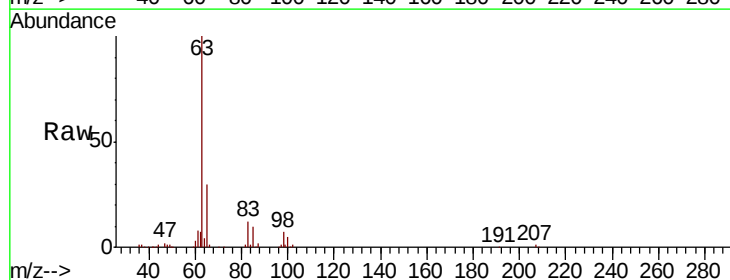
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

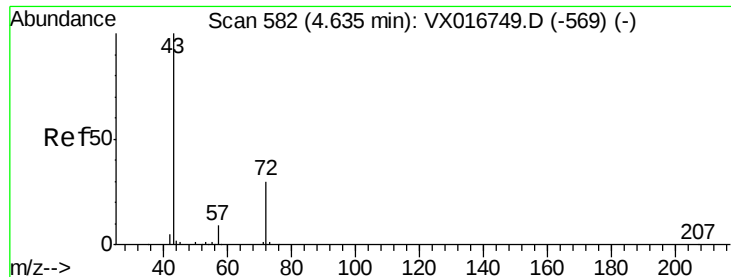
Tot Ion: 43 Resp: 643488
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 18.117 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion: 63 Resp: 92163
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 5.2 2.3 6.9

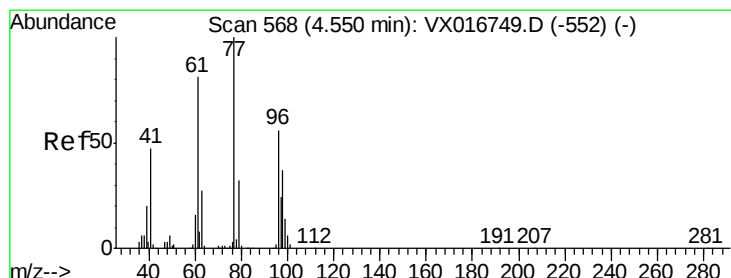
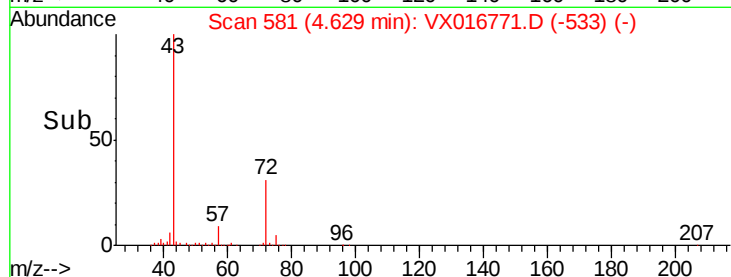
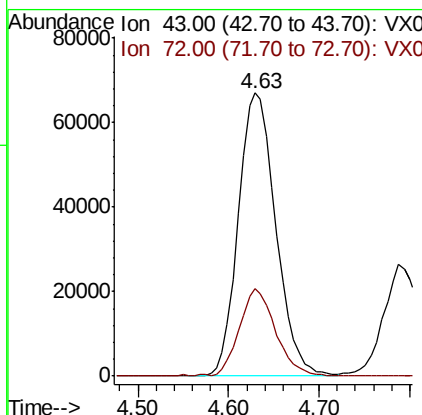
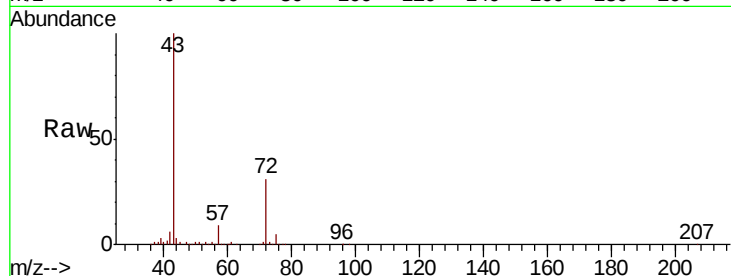




#25
2-Butanone
Concen: 87.674 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

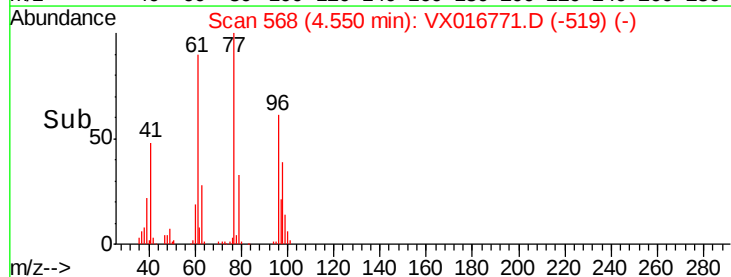
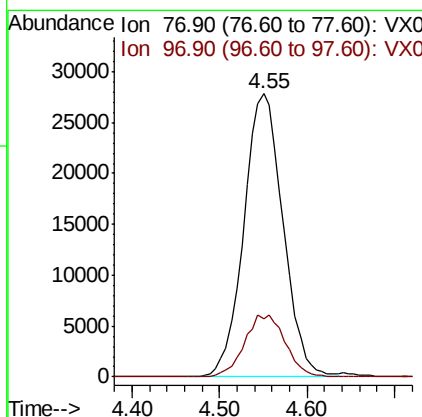
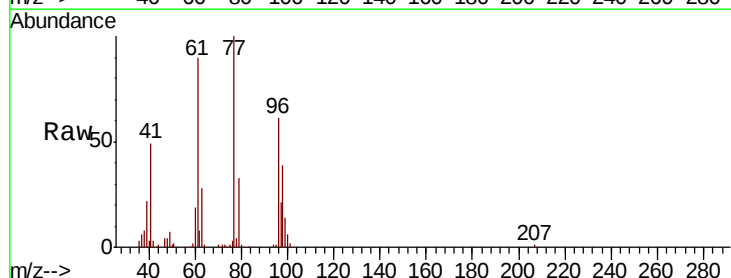
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

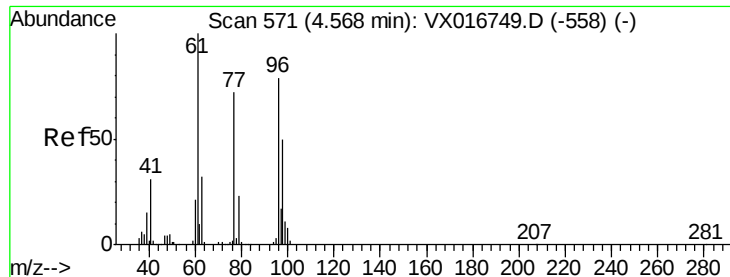
Tot Ion: 43 Resp: 190971
Ion Ratio Lower Upper
43 100
72 30.9 24.2 36.4



#26
2,2-Dichloropropane
Concen: 18.453 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion: 77 Resp: 86920
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.4



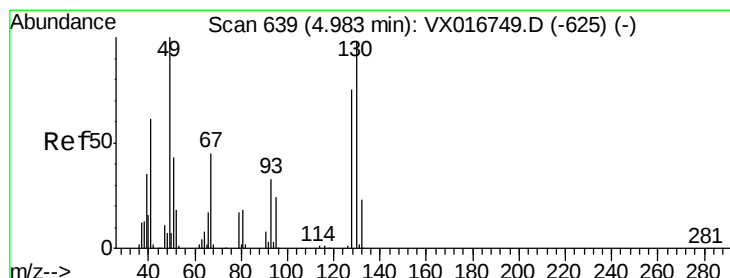
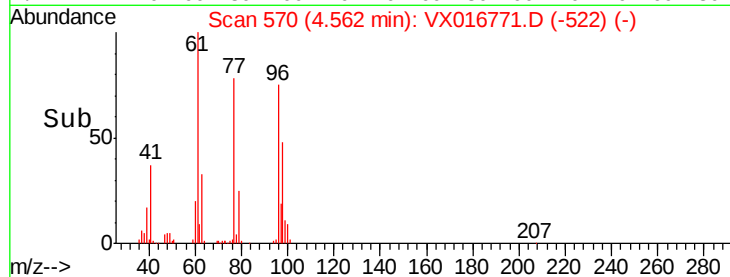
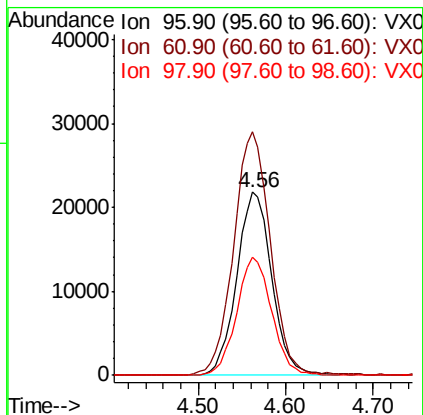
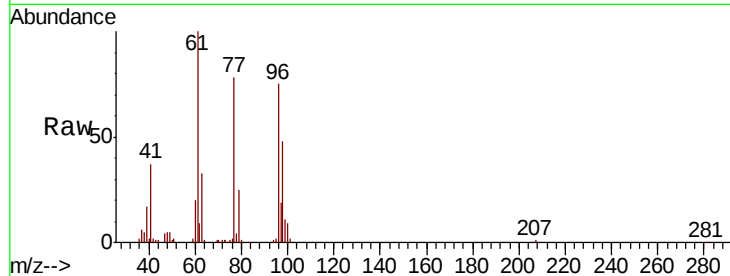


#27

cis-1,2-Dichloroethene
Concen: 17.850 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

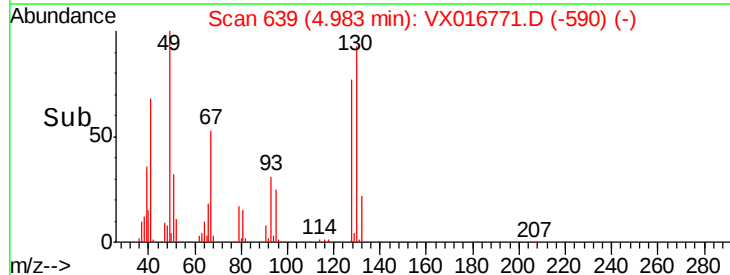
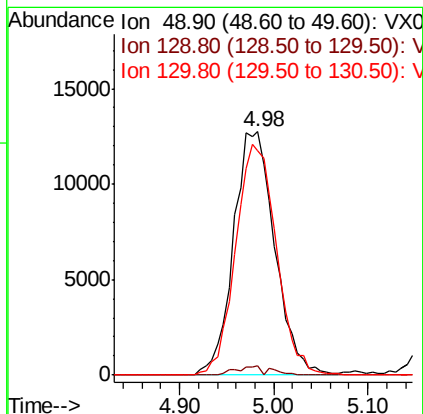
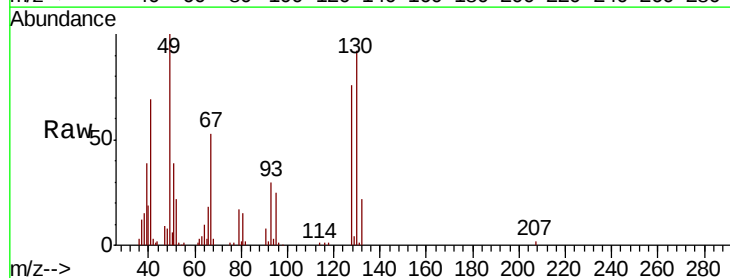
Tot Ion: 96 Resp: 60701
Ion Ratio Lower Upper
96 100
61 138.7 0.0 276.2
98 64.2 0.0 130.0

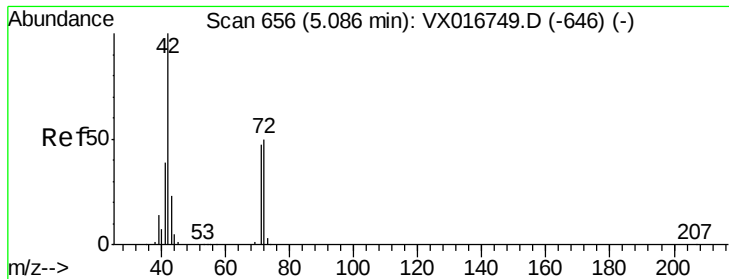


#28

Bromochloromethane
Concen: 18.025 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion: 49 Resp: 39115
Ion Ratio Lower Upper
49 100
129 2.1 0.0 2.8
130 93.4 76.0 114.0

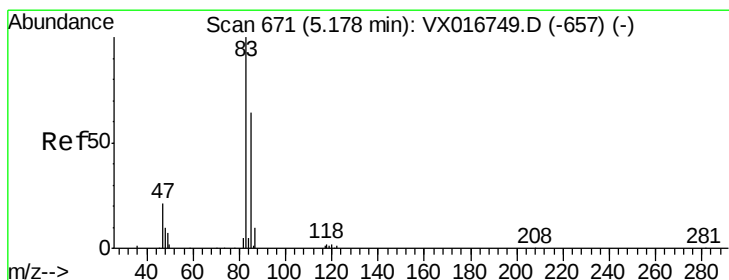
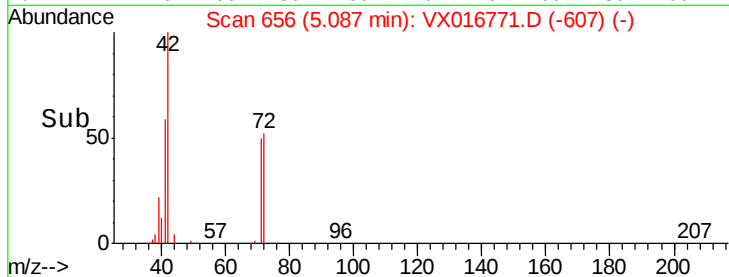
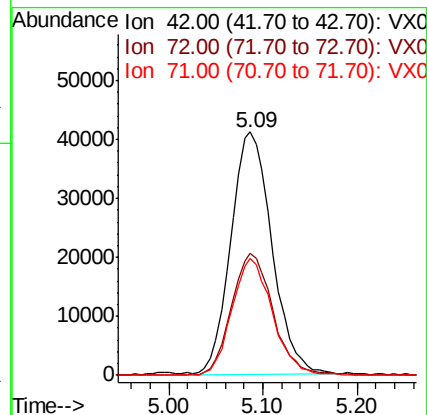
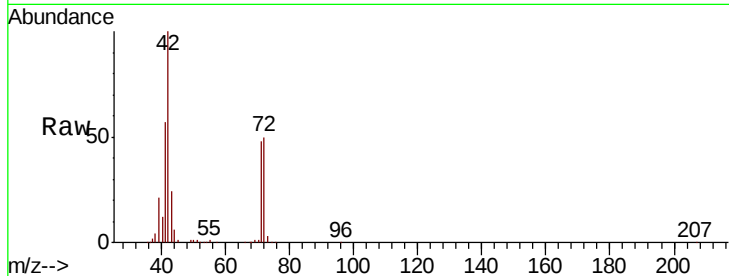




#29
Tetrahydrofuran
Concen: 88.610 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

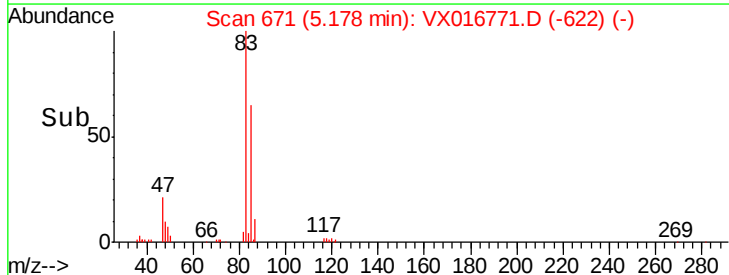
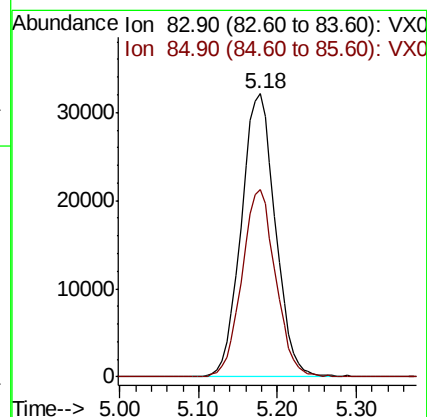
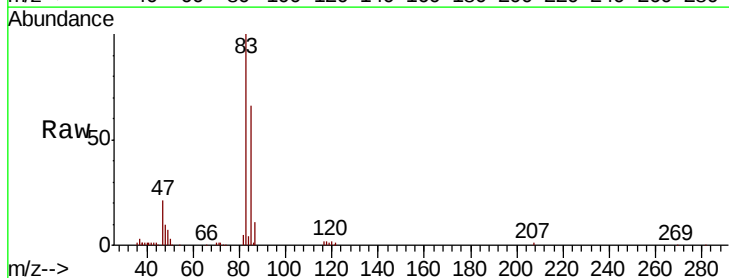
Instrument :
MSVOA_X
ClientSampled :
VX0616WBS01

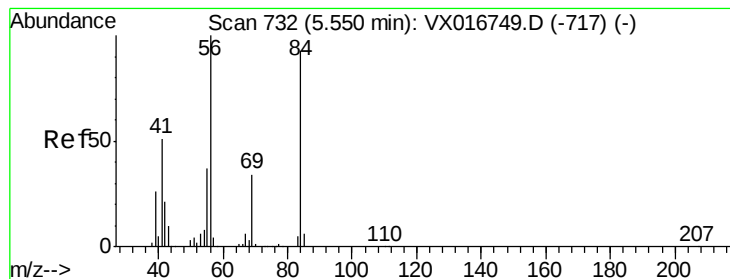
Tot Ion: 42 Resp: 125035
Ion Ratio Lower Upper
42 100
72 51.1 41.0 61.6
71 47.6 38.2 57.4



#30
Chloroform
Concen: 17.971 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion: 83 Resp: 96718
Ion Ratio Lower Upper
83 100
85 66.0 50.8 76.2





#31

Cyclohexane

Concen: 19.888 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

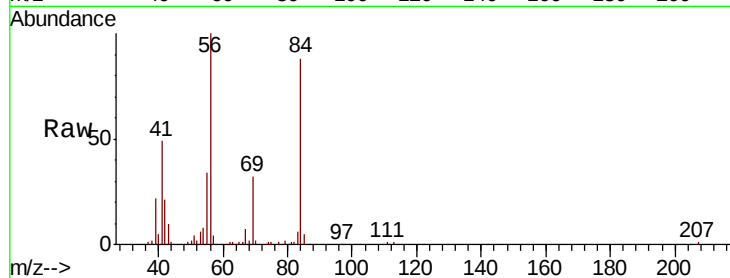
Tot Ion: 56 Resp: 79731

Ion Ratio Lower Upper

56 100

69 31.9 27.1 40.7

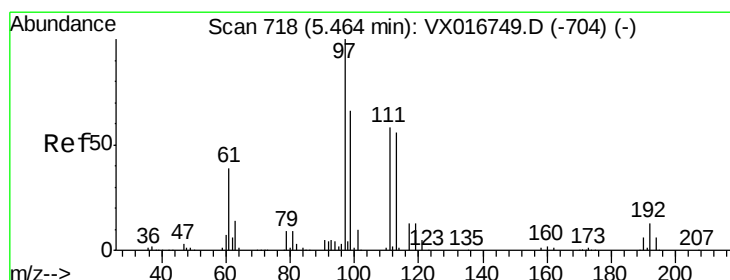
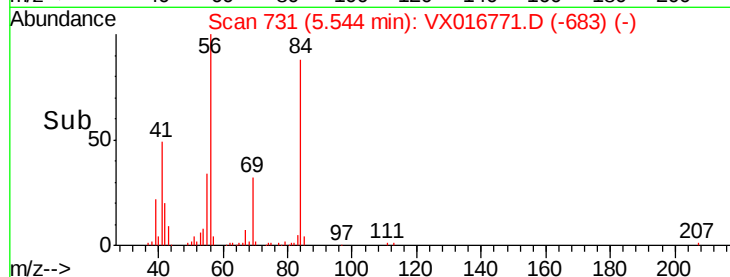
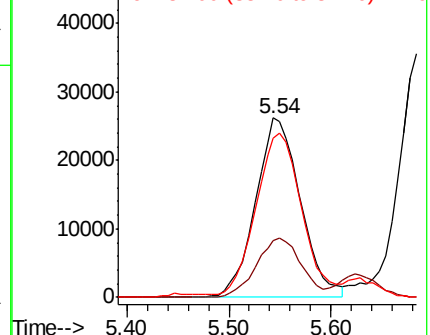
84 86.8 74.0 111.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.679 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

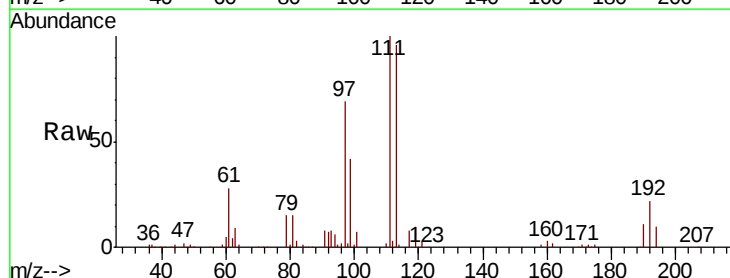
Tgt Ion: 97 Resp: 91221

Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

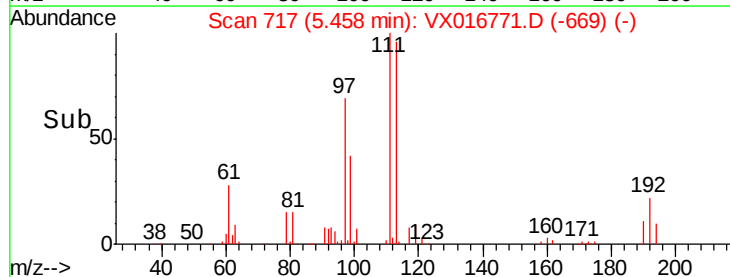
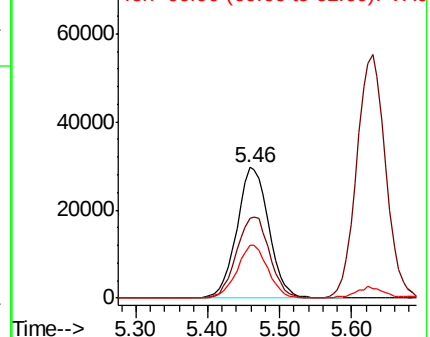
61 39.5 31.3 46.9

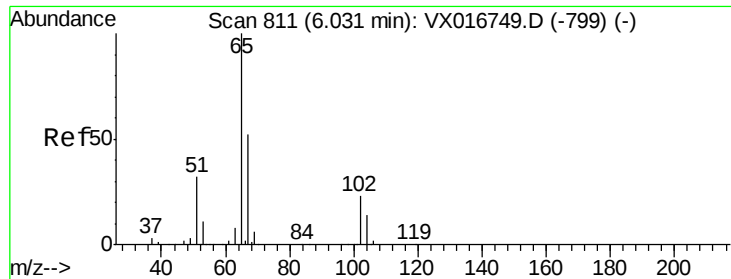


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.331 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

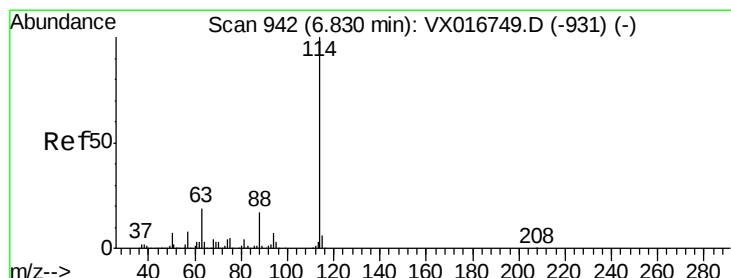
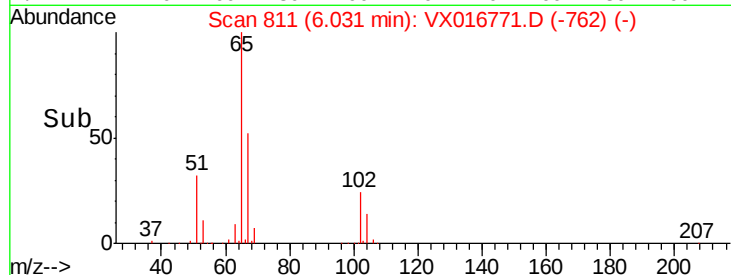
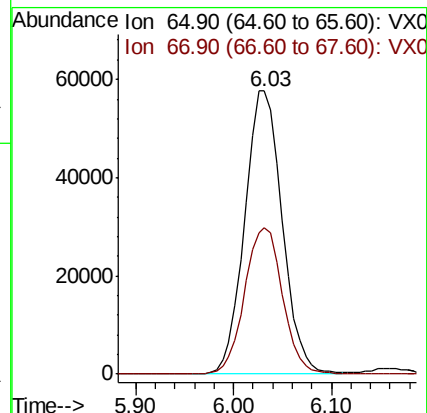
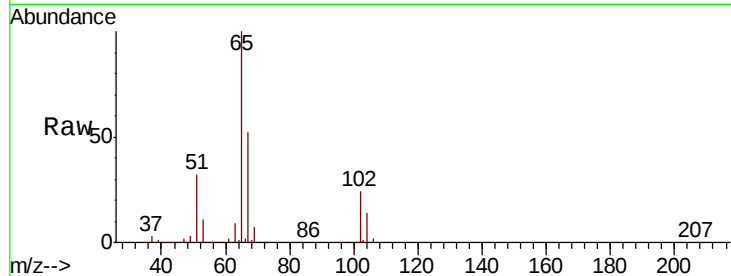
VX0616WBS01

Tot Ion: 65 Resp: 153980

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

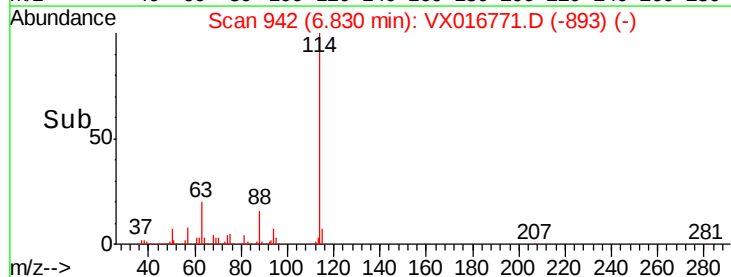
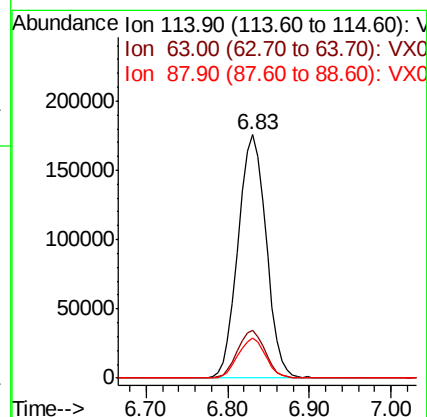
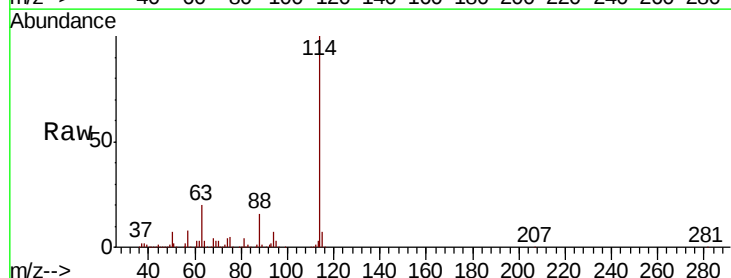
Tgt Ion: 114 Resp: 418154

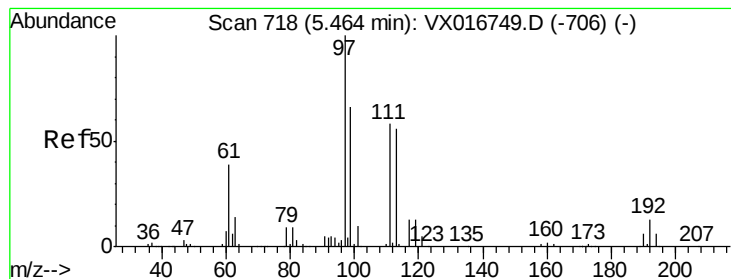
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.765 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

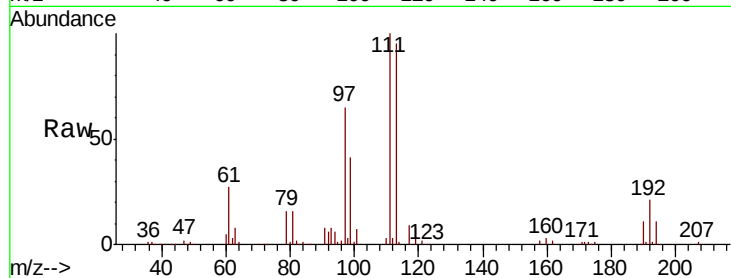
Tot Ion:113 Resp: 125812

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.6

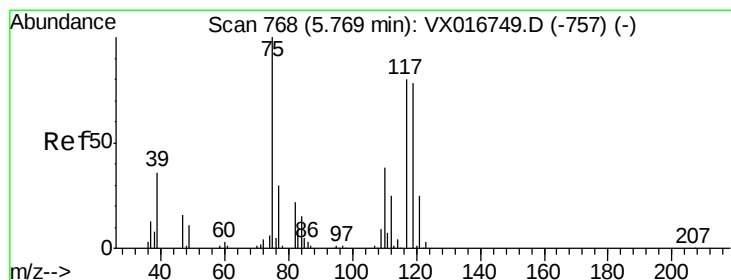
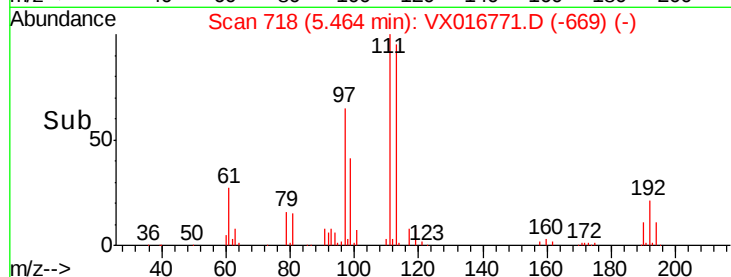
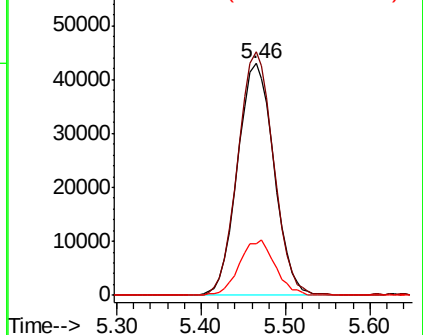
192 23.3 18.2 27.4



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: 20.141 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

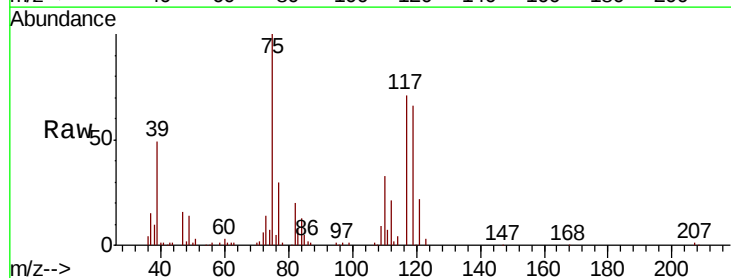
Tgt Ion: 75 Resp: 74426

Ion Ratio Lower Upper

75 100

110 36.3 18.4 55.2

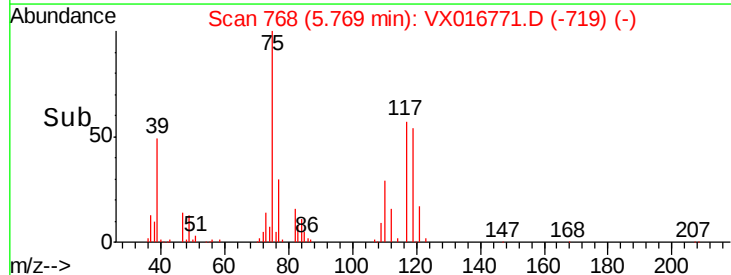
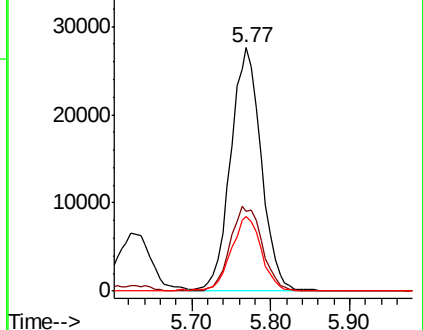
77 29.5 24.7 37.1

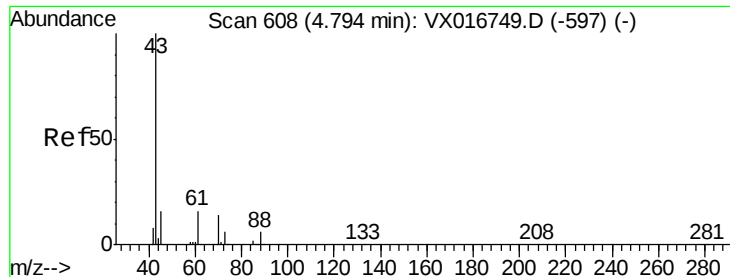


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

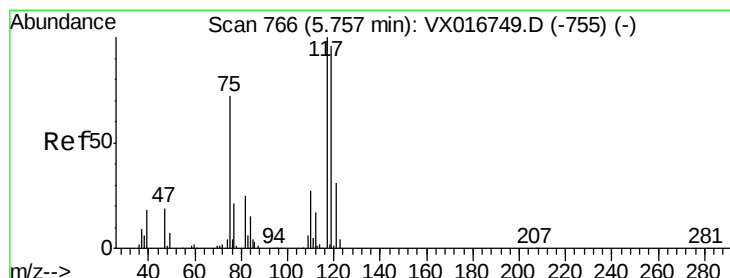
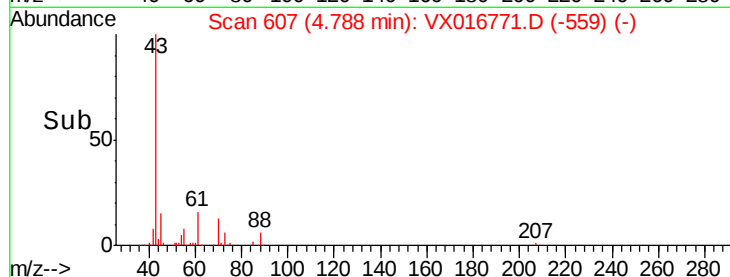
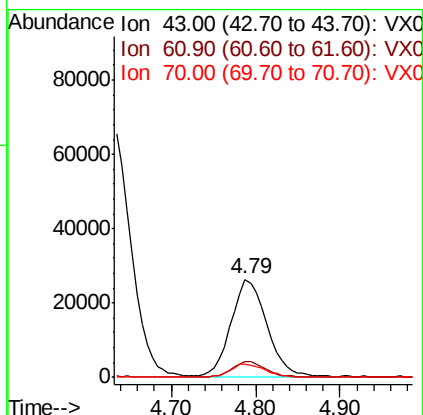
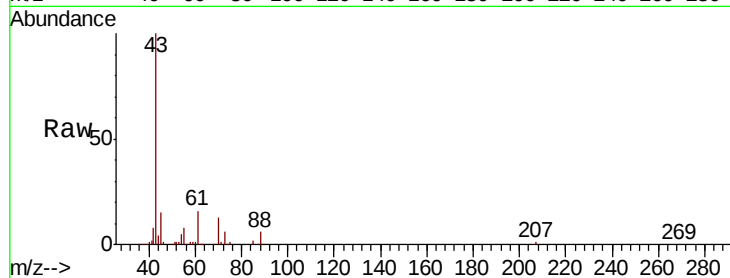




#37
Ethyl Acetate
Concen: 18.751 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

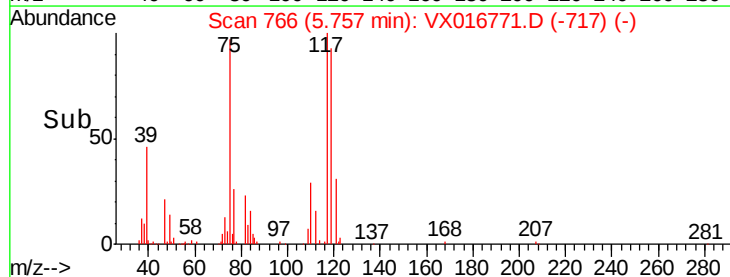
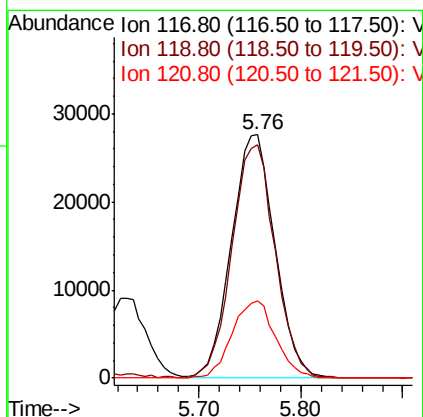
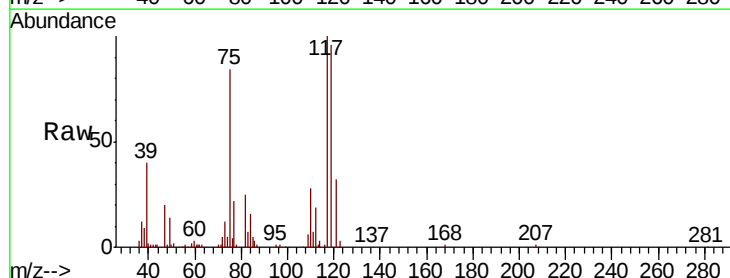
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

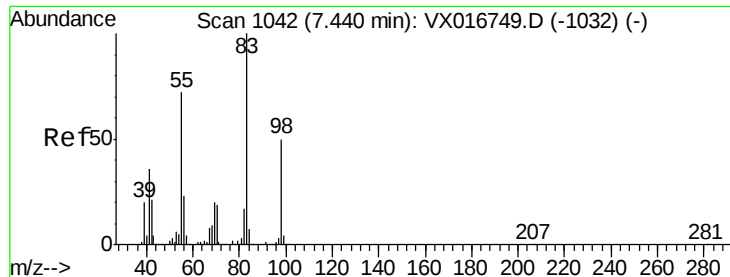
Tot Ion: 43 Resp: 75882
Ion Ratio Lower Upper
43 100
61 15.6 12.4 18.6
70 13.2 10.8 16.2



#38
Carbon Tetrachloride
Concen: 19.399 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion: 117 Resp: 81414
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1
121 31.7 24.7 37.1

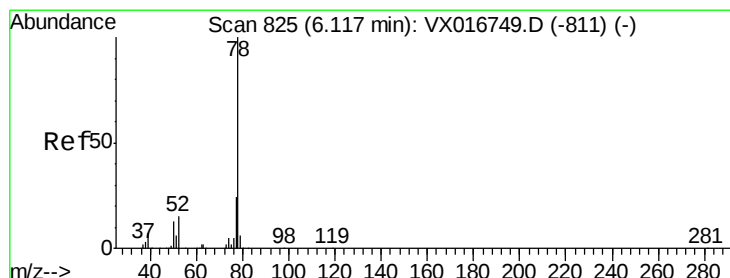
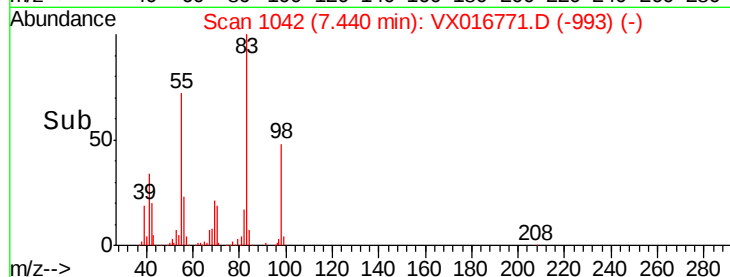
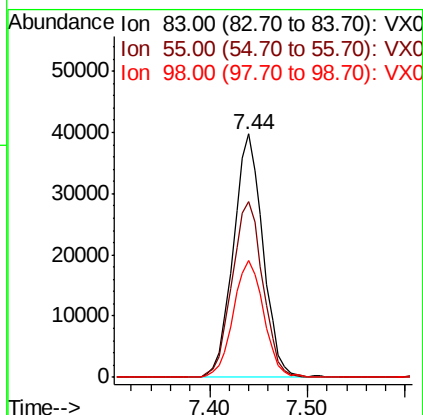
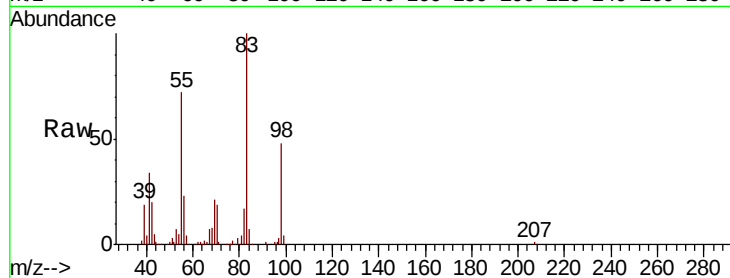




#39
Methvlcvclohexane
Concen: 20.044 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

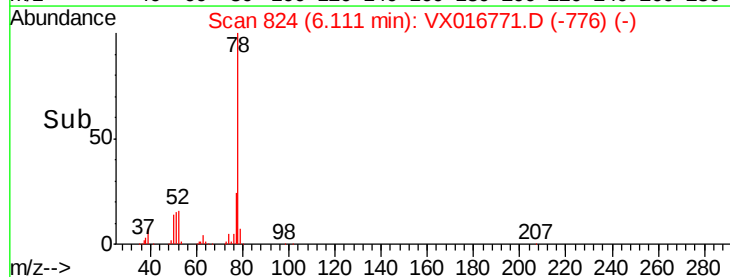
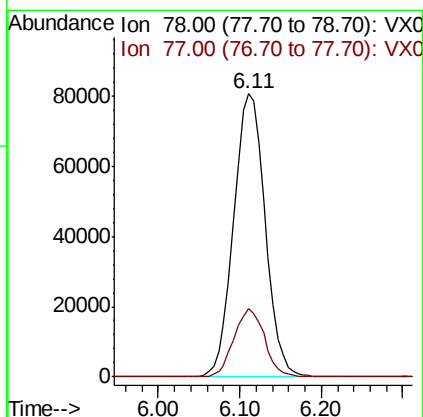
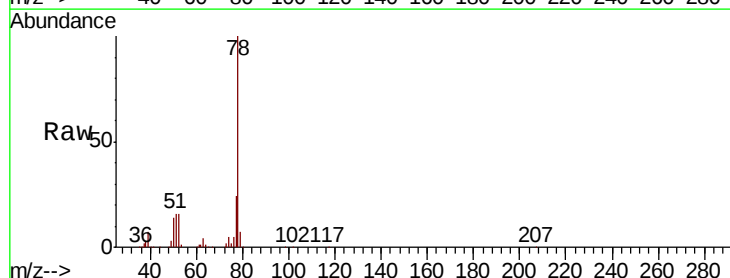
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

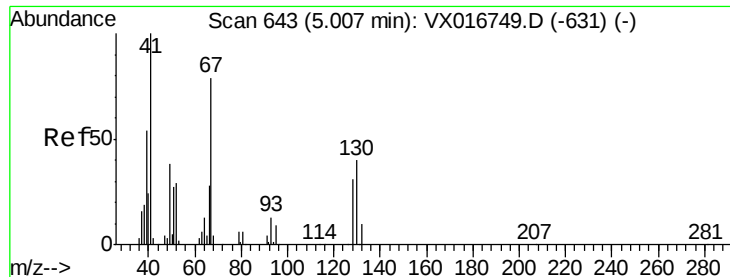
Tot Ion: 83 Resp: 83398
Ion Ratio Lower Upper
83 100
55 72.4 57.3 85.9
98 48.1 40.3 60.5



#40
Benzene
Concen: 19.130 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion: 78 Resp: 215231
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

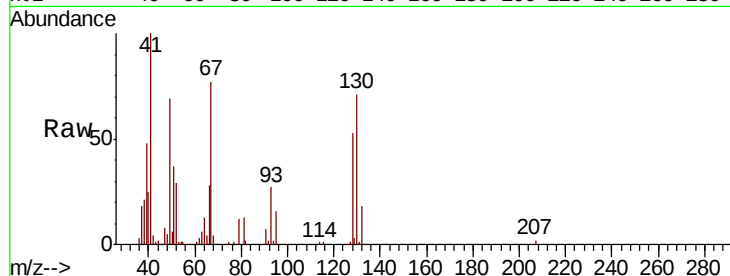




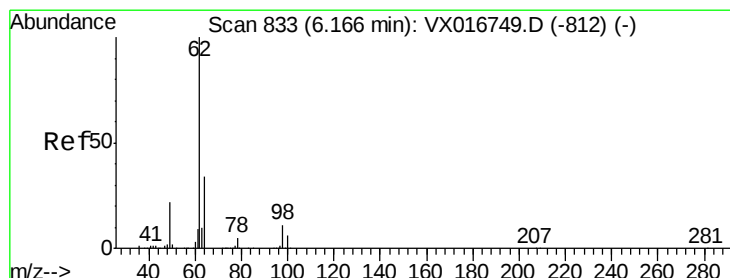
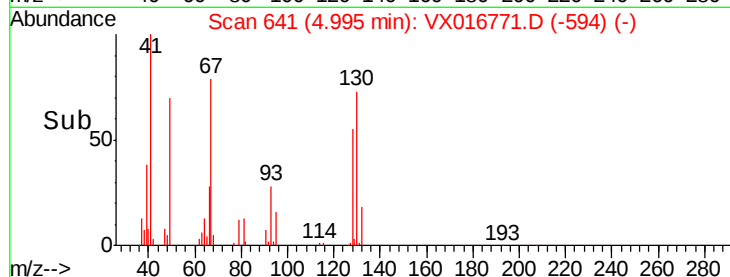
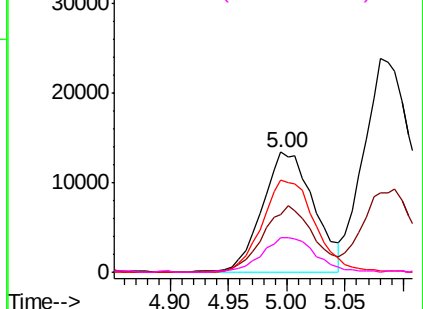
#41
Methacrylonitrile
Concen: 19.097 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampled :
VX0616WBS01

Tot Ion:	41	Resp:	41207
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.7	65.5
67	78.4	64.6	96.8
52	30.7	25.6	38.4

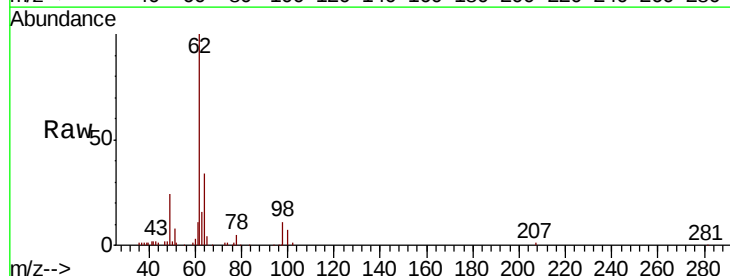


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

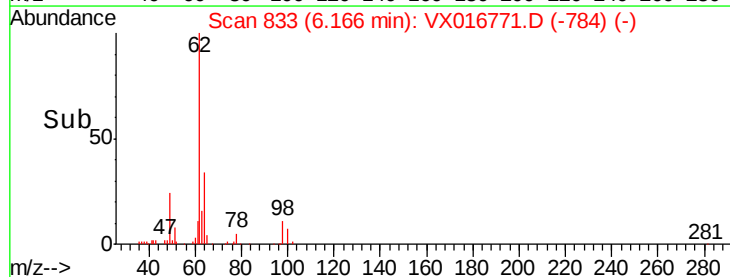
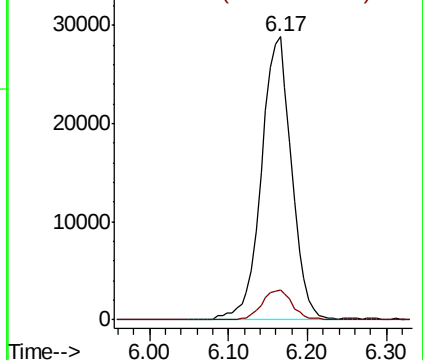


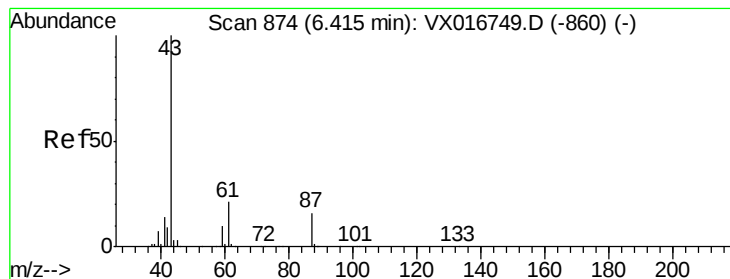
#42
1,2-Dichloroethane
Concen: 18.722 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion:	62	Resp:	76881
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2



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



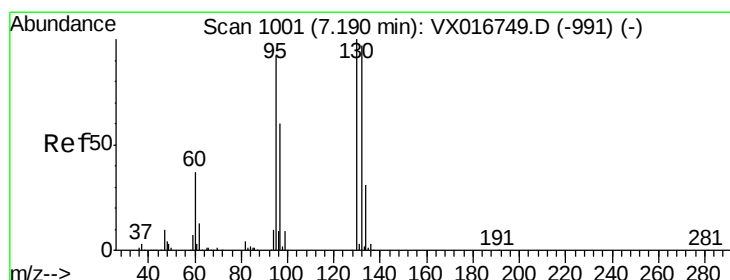
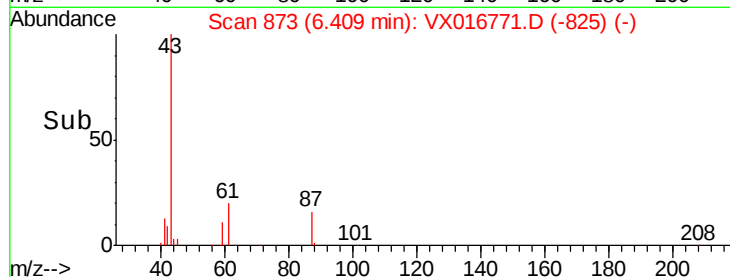
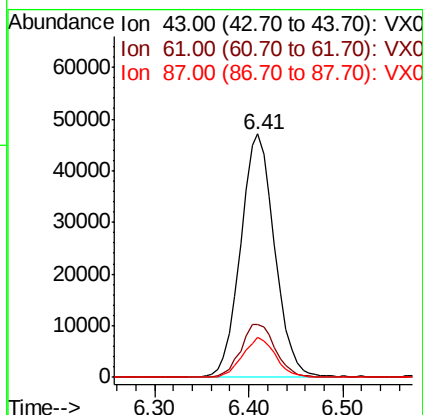
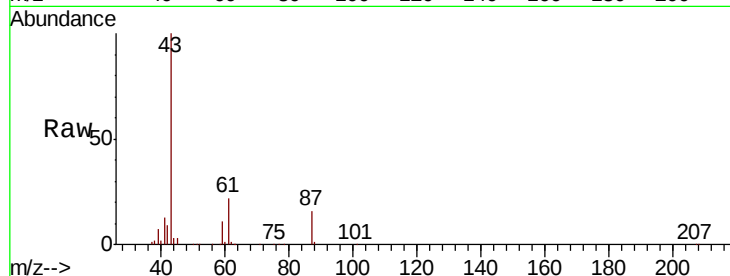


#43

Isopropyl Acetate
 Concen: 18.660 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

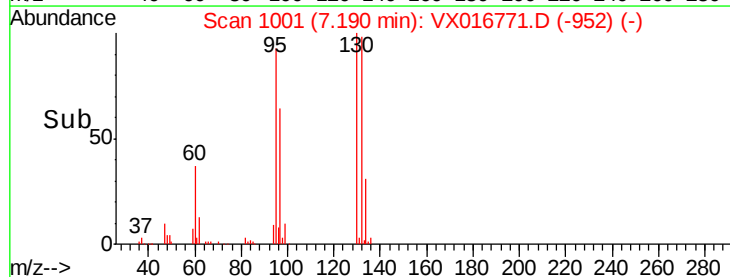
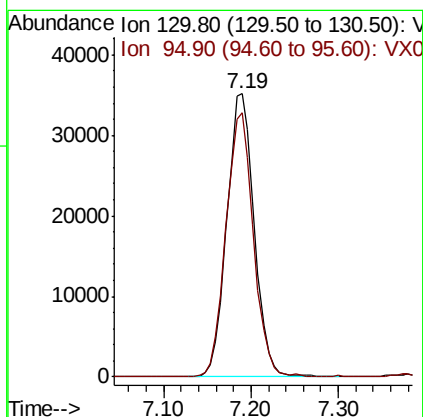
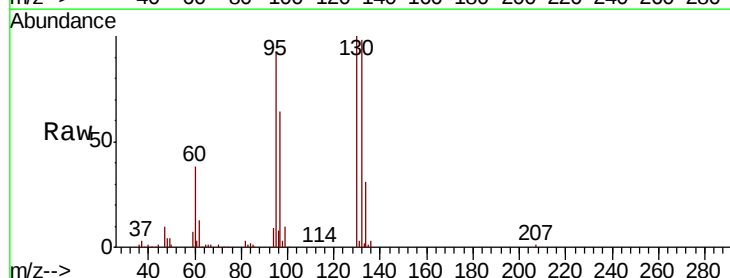
Tot Ion: 43 Resp: 118349
 Ion Ratio Lower Upper
 43 100
 61 22.5 17.7 26.5
 87 15.8 12.5 18.7

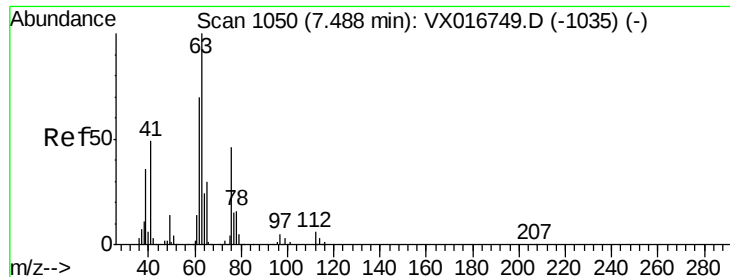


#44

Trichloroethene
 Concen: 22.002 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion: 130 Resp: 76571
 Ion Ratio Lower Upper
 130 100
 95 93.3 0.0 183.6

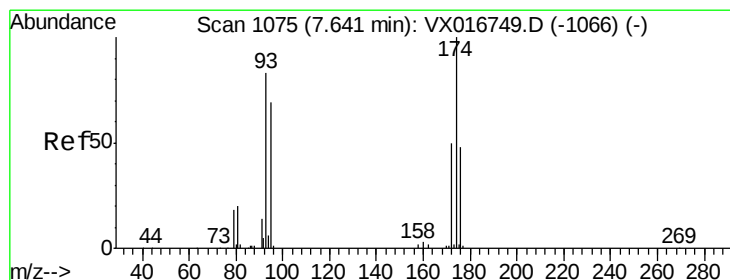
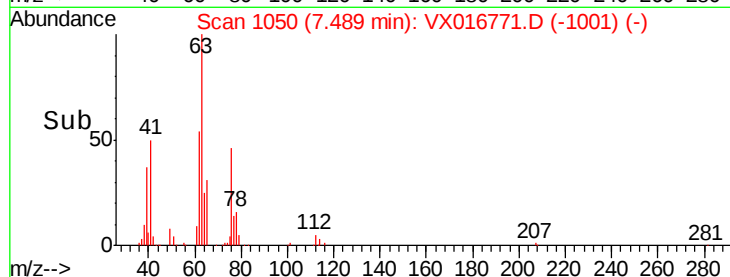
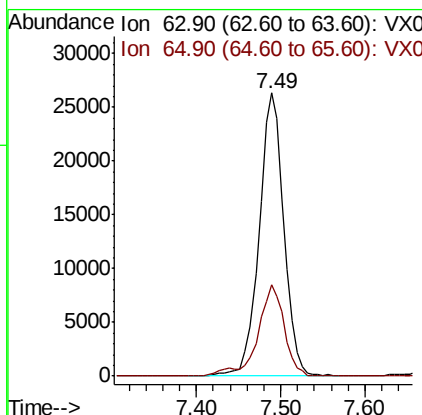
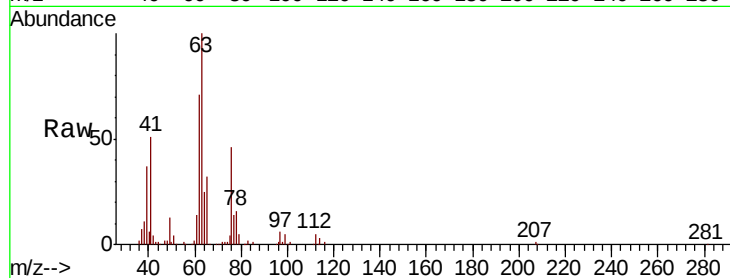




#45
 1,2-Dichloropropane
 Concen: 19.255 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

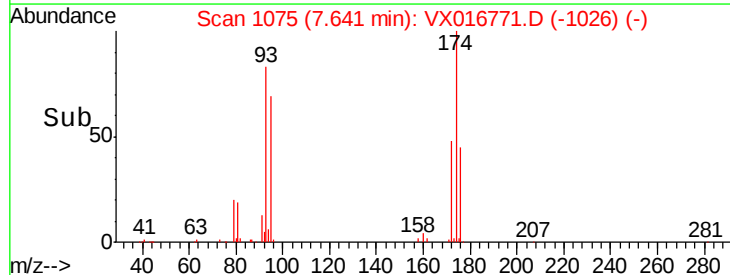
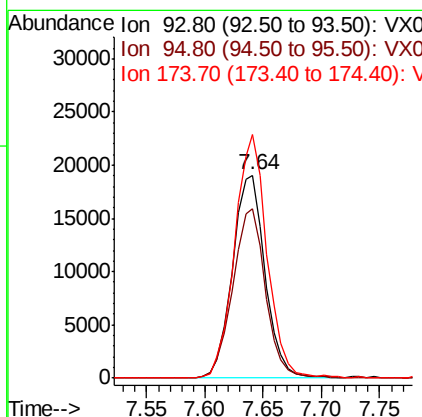
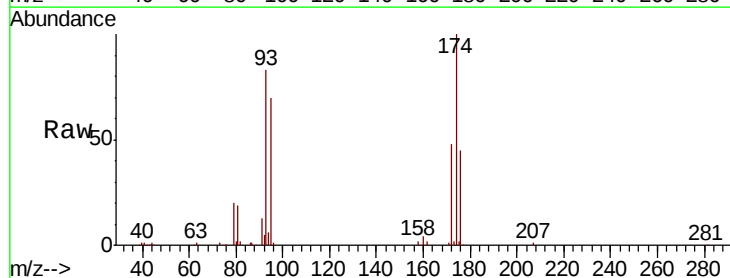
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

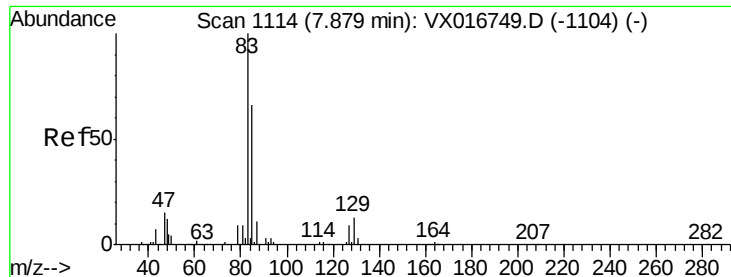
Tot Ion: 63 Resp: 53107
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.2 36.2



#46
 Dibromomethane
 Concen: 18.505 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion: 93 Resp: 37199
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.9 100.3
 174 119.3 93.8 140.8





#47

Bromodichloromethane

Concen: 18.549 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

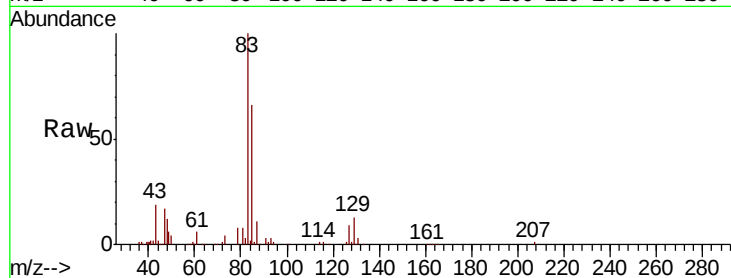
Tot Ion: 83 Resp: 77736

Ion Ratio Lower Upper

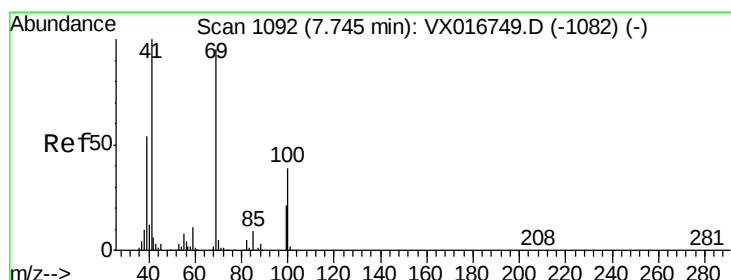
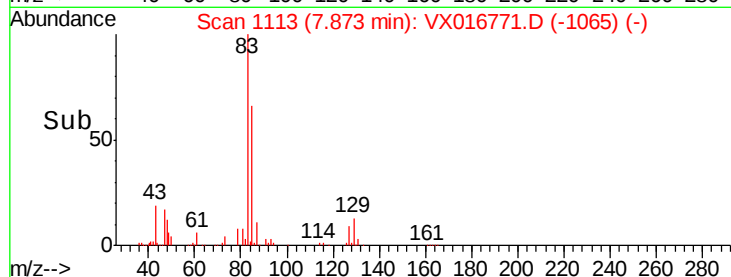
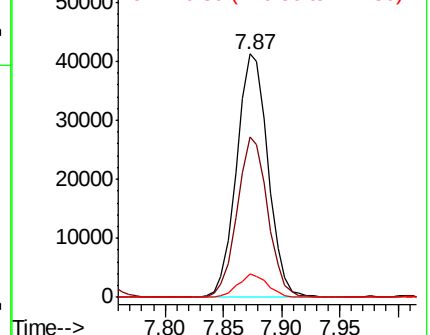
83 100

85 65.8 52.5 78.7

127 9.4 7.5 11.3



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: 18.861 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

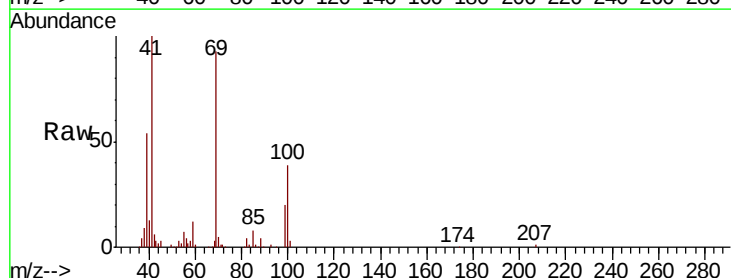
Tgt Ion: 41 Resp: 56699

Ion Ratio Lower Upper

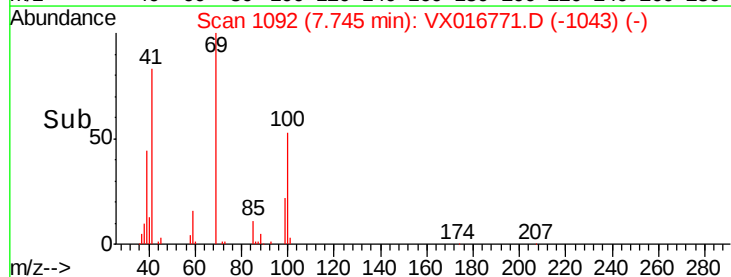
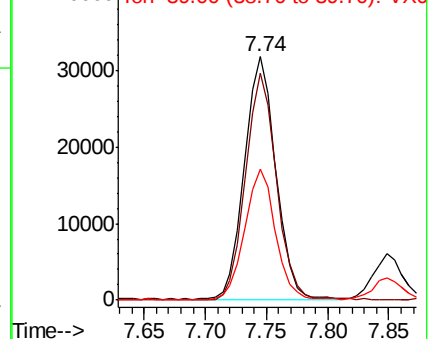
41 100

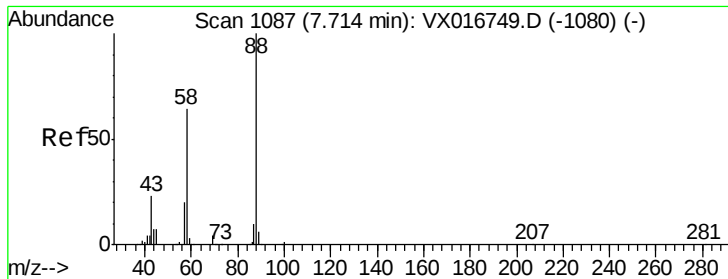
69 92.1 75.0 112.6

39 53.1 44.3 66.5



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

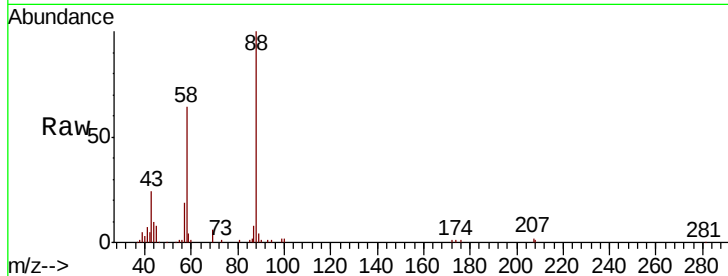




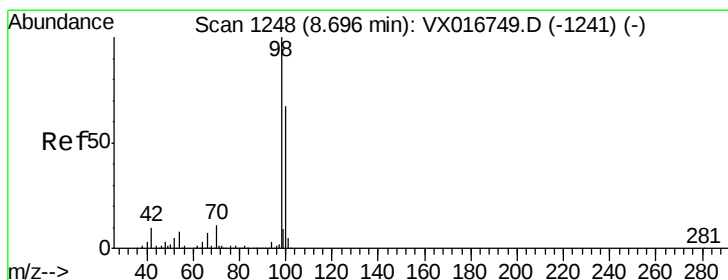
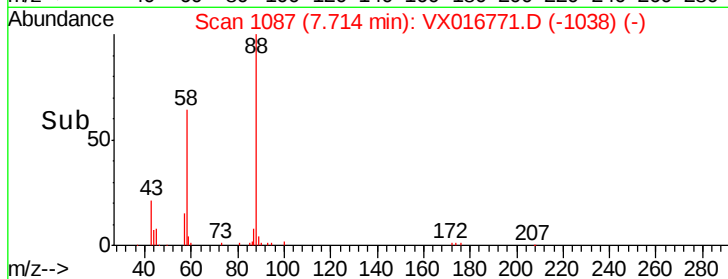
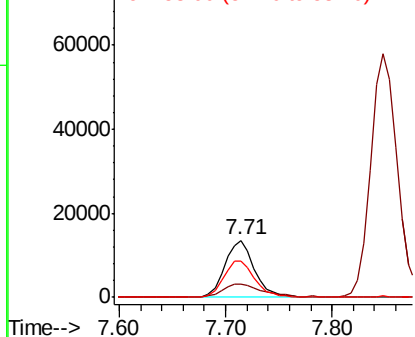
#49
1,4-Dioxane
Concen: 348.851 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion: 88 Resp: 25952
Ion Ratio Lower Upper
88 100
43 30.2 22.9 34.3
58 68.5 53.7 80.5

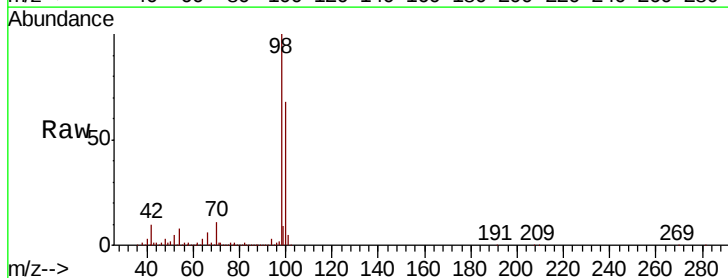


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

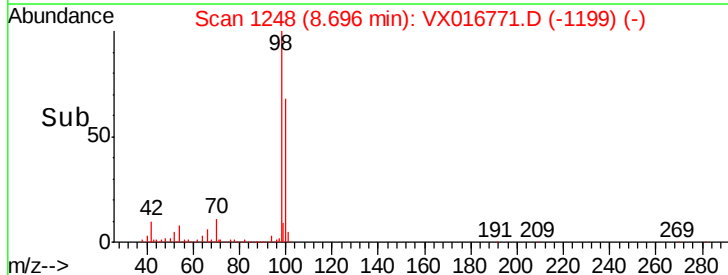
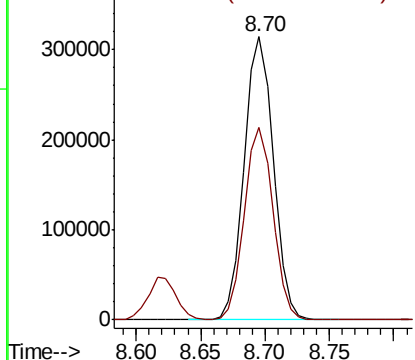


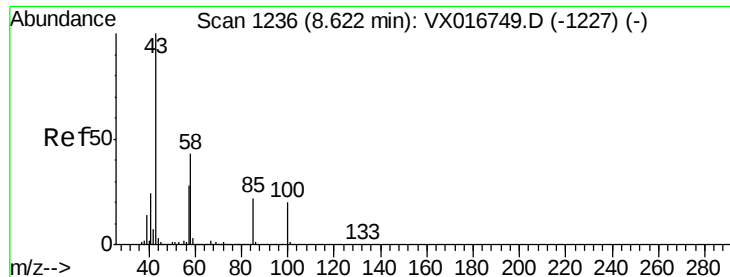
#50
Toluene-d8
Concen: 51.514 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion: 98 Resp: 490046
Ion Ratio Lower Upper
98 100
100 66.8 53.9 80.9



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





#51

4-Methyl-2-Pentanone

Concen: 96.364 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampled :

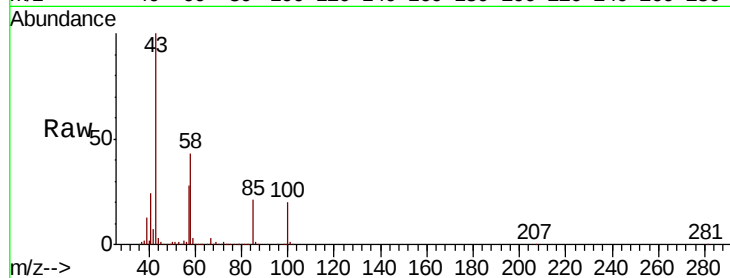
VX0616WBS01

Tot Ion: 43 Resp: 376621

Ion Ratio Lower Upper

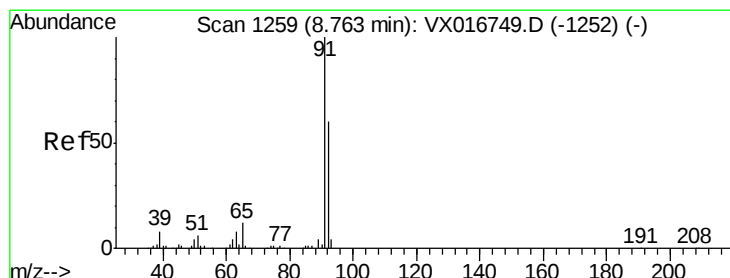
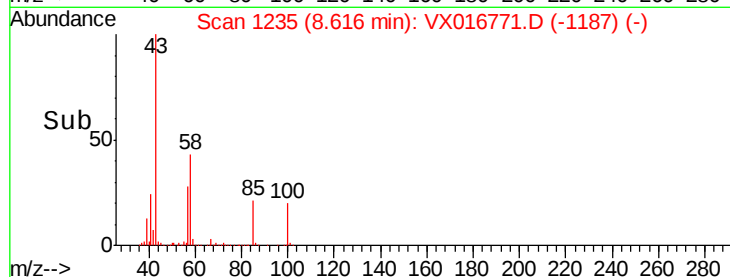
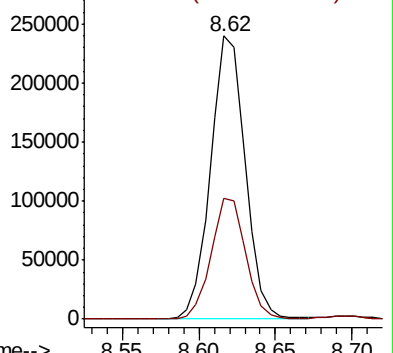
43 100

58 42.6 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.195 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016771.D

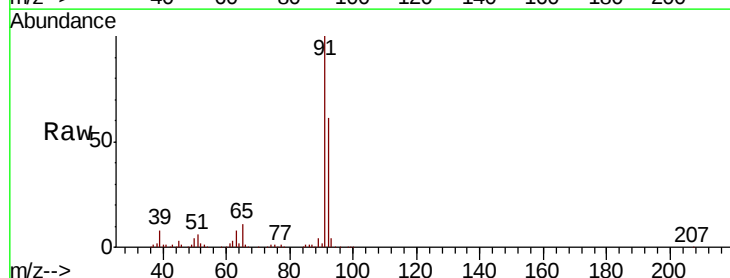
Acq: 16 Jun 2020 12:06

Tgt Ion: 92 Resp: 140278

Ion Ratio Lower Upper

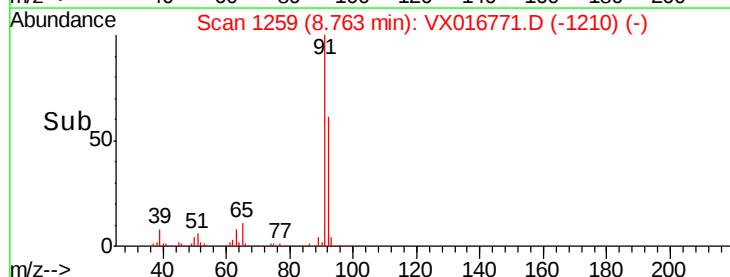
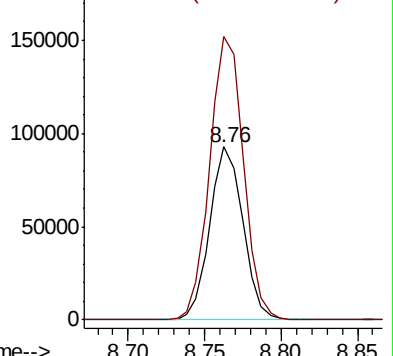
92 100

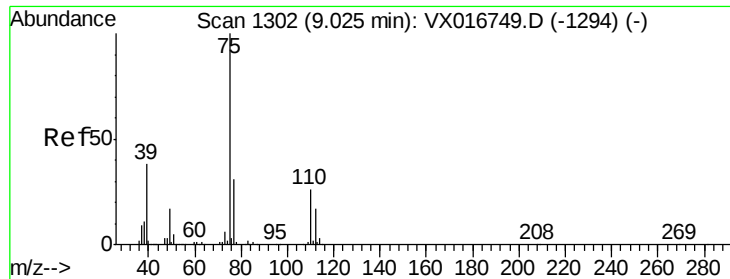
91 166.7 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.404 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

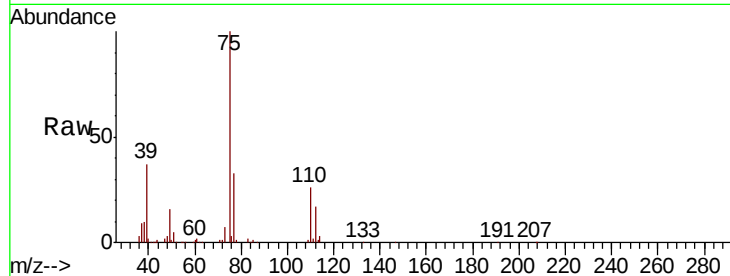
VX0616WBS01

Tot Ion: 75 Resp: 87114

Ion Ratio Lower Upper

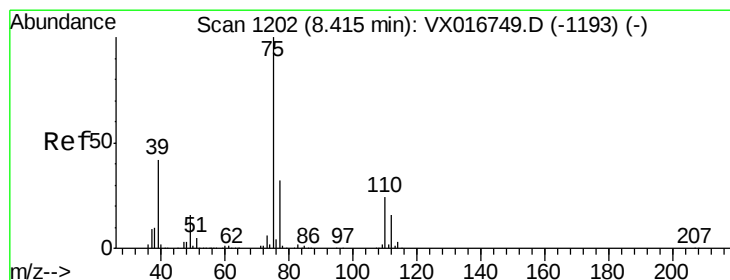
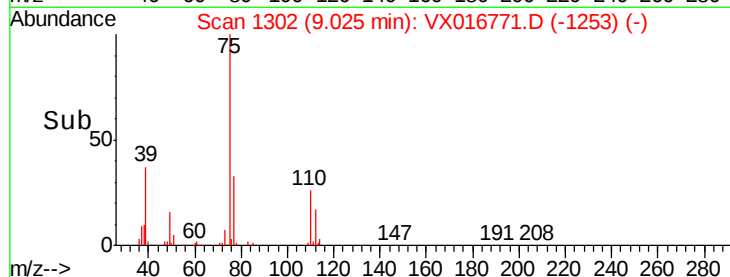
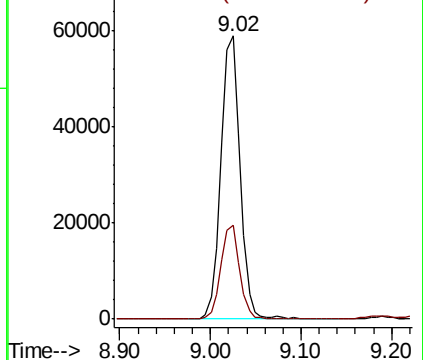
75 100

77 33.2 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.622 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

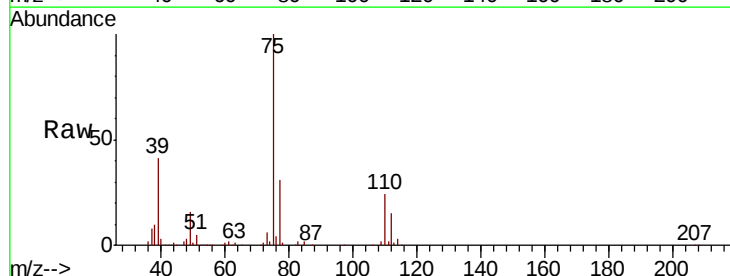
Tgt Ion: 75 Resp: 91943

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

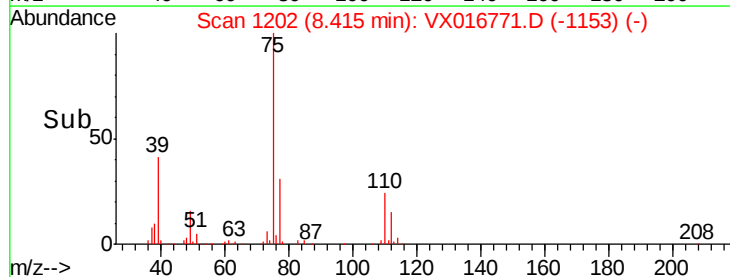
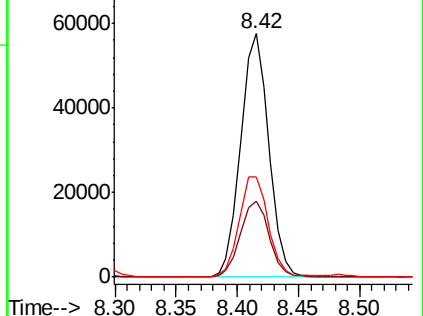
39 41.0 33.7 50.5

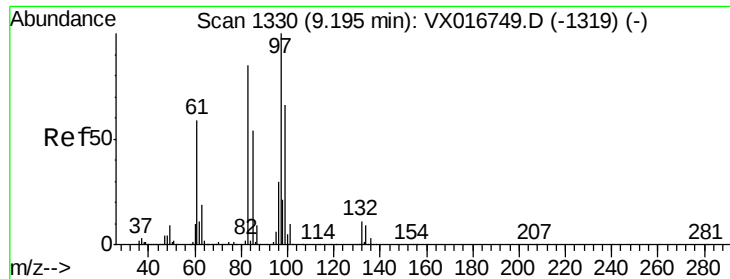


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

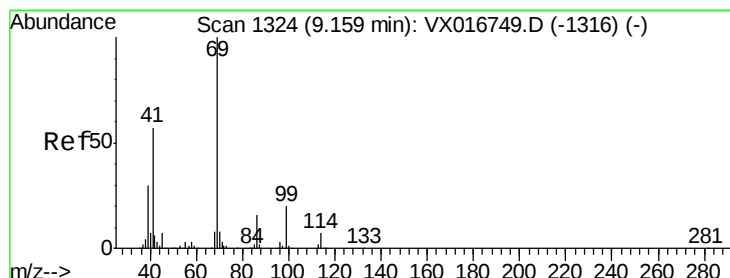
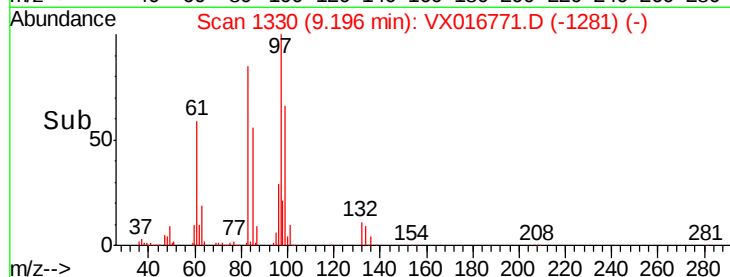
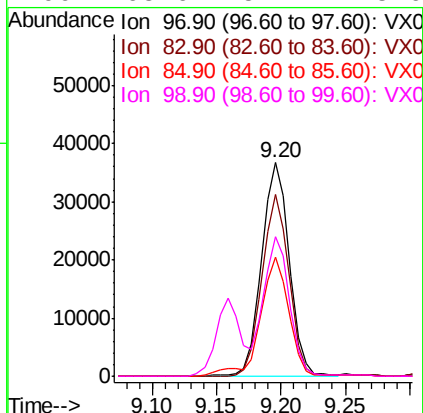
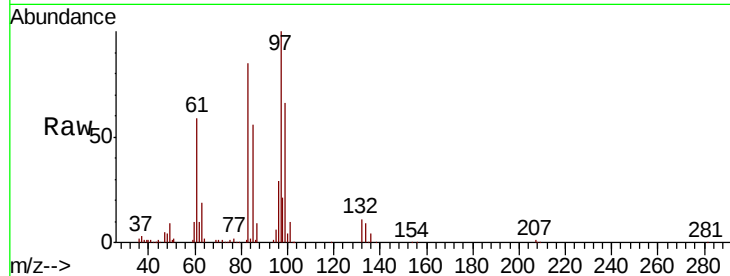




#55
 1,1,2-Trichloroethane
 Concen: 18.596 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

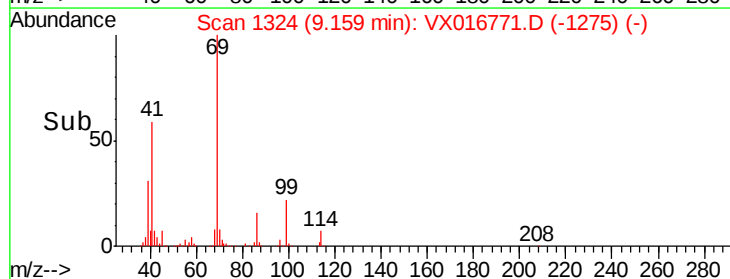
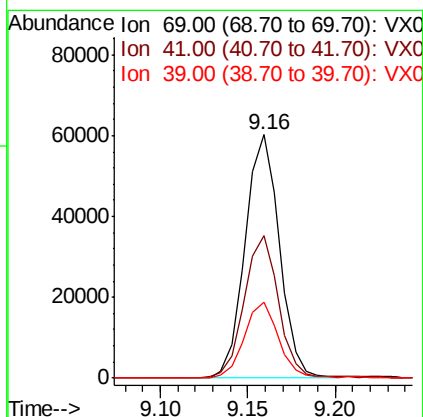
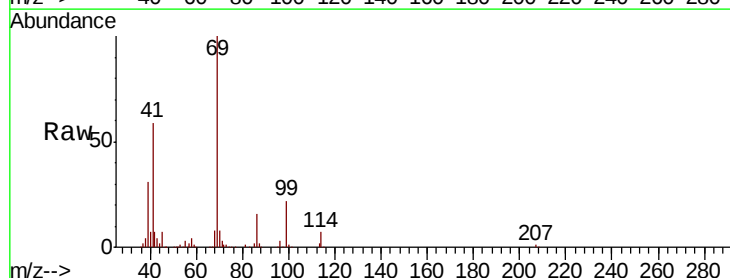
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

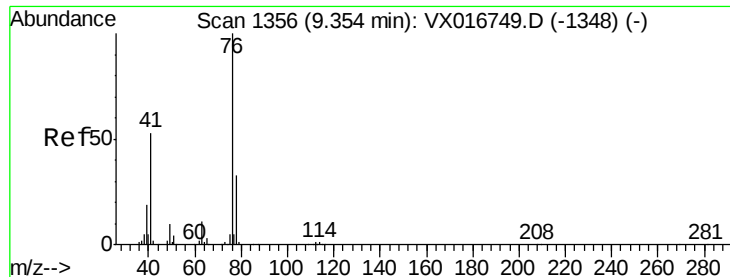
Tot Ion:	97	Resp:	54655
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.3	102.5
85	56.0	43.5	65.3
99	65.6	52.4	78.6



#56
 Ethyl methacrylate
 Concen: 18.687 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion:	69	Resp:	82229
Ion	Ratio	Lower	Upper
69	100		
41	58.6	47.1	70.7
39	31.2	25.0	37.6





#57

1,3-Dichloropropane

Concen: 18.604 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

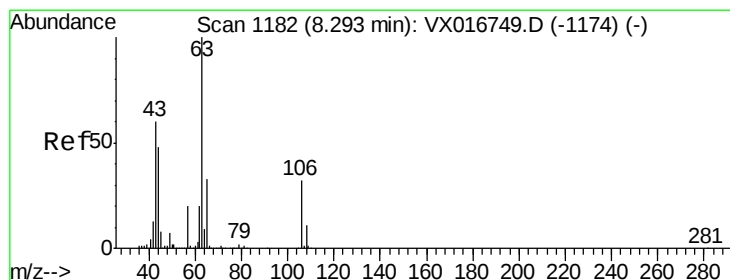
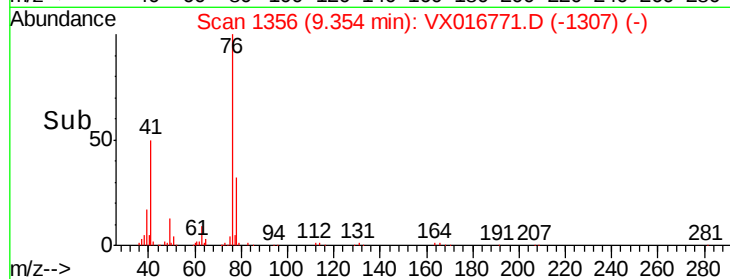
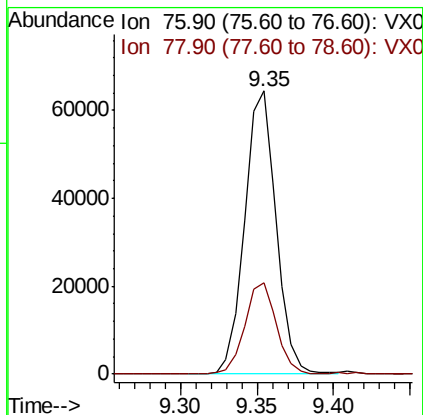
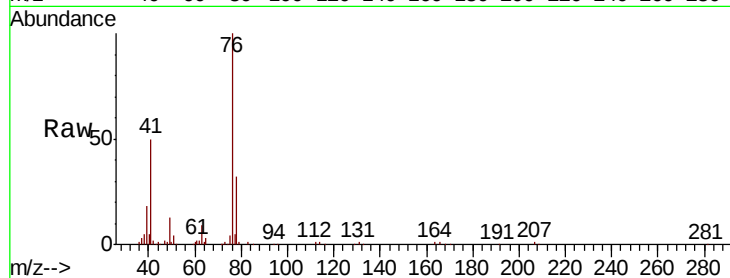
VX0616WBS01

Tot Ion: 76 Resp: 91913

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 96.442 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016771.D

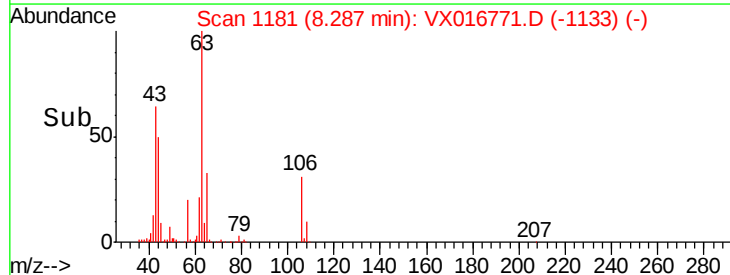
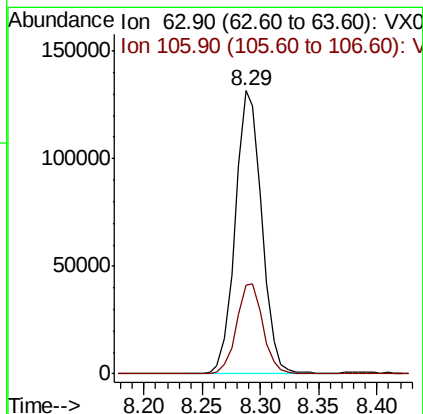
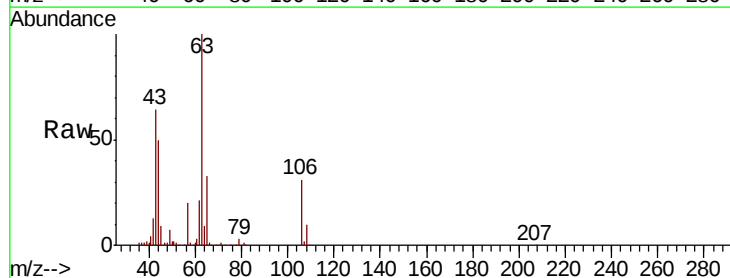
Acq: 16 Jun 2020 12:06

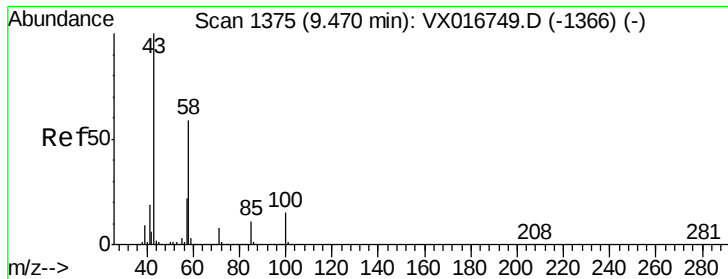
Tgt Ion: 63 Resp: 208666

Ion Ratio Lower Upper

63 100

106 31.6 25.5 38.3

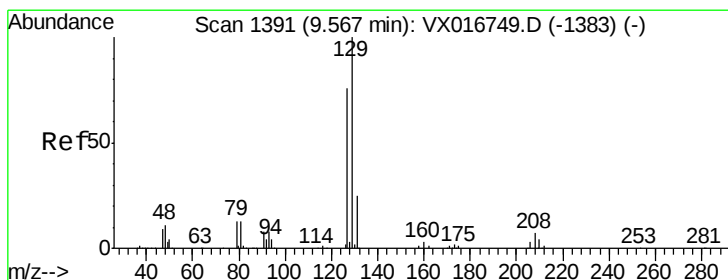
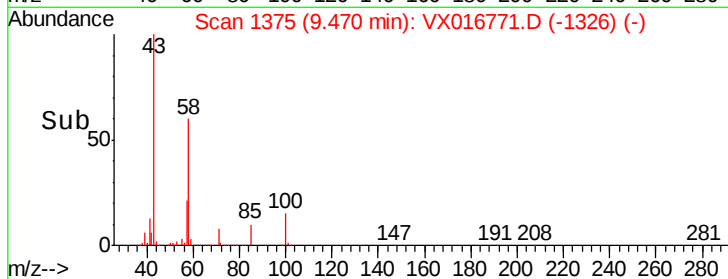
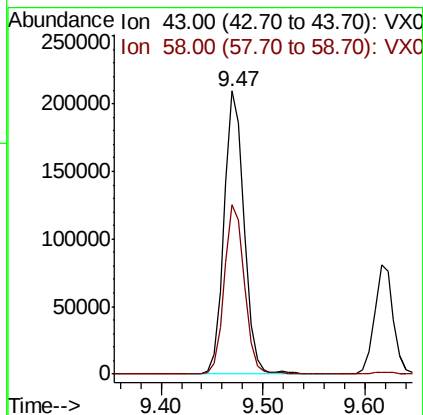
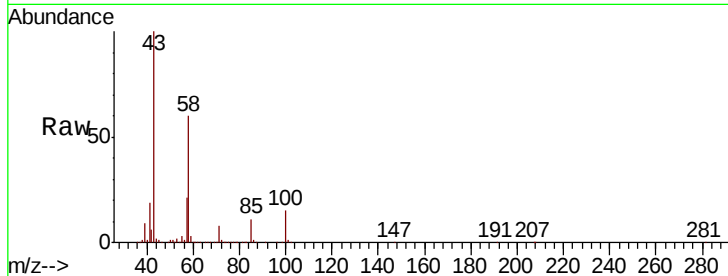




#59
2-Hexanone
Concen: 94.374 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

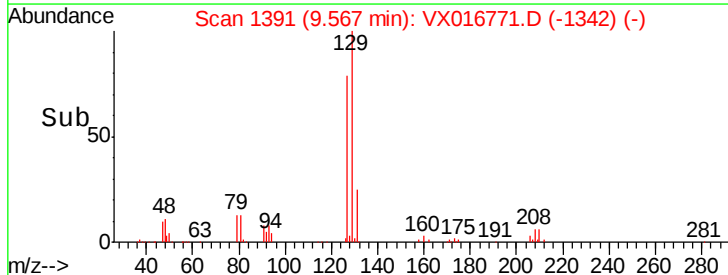
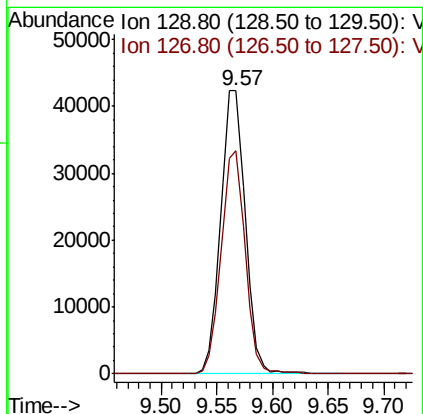
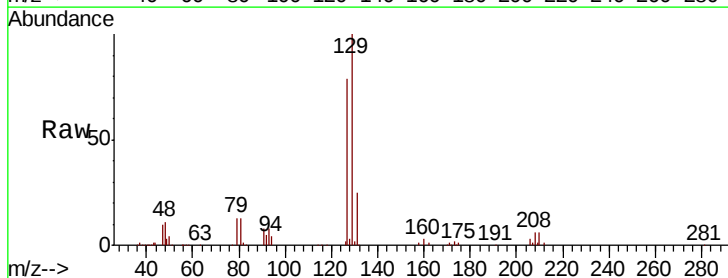
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

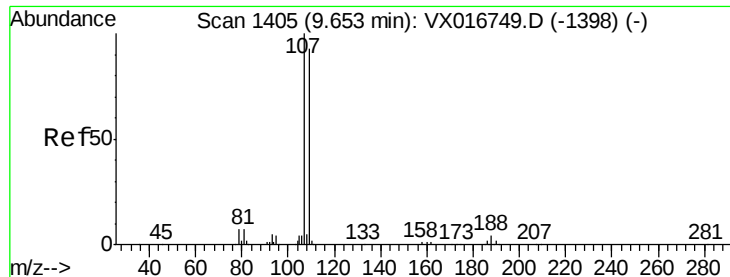
Tot Ion: 43 Resp: 284734
Ion Ratio Lower Upper
43 100
58 60.3 29.9 89.8



#60
Dibromochloromethane
Concen: 18.746 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion: 129 Resp: 65116
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 18.351 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

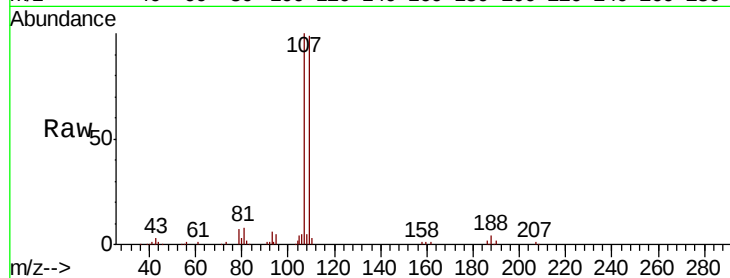
VX0616WBS01

Tot Ion:107 Resp: 58781

Ion Ratio Lower Upper

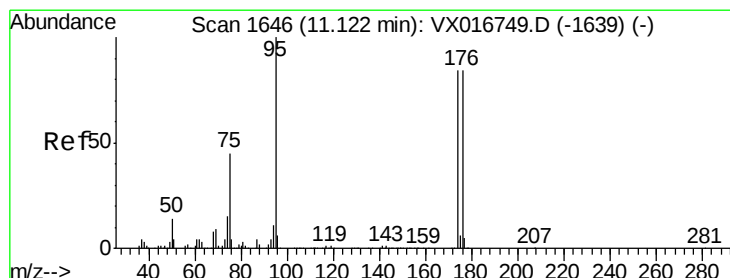
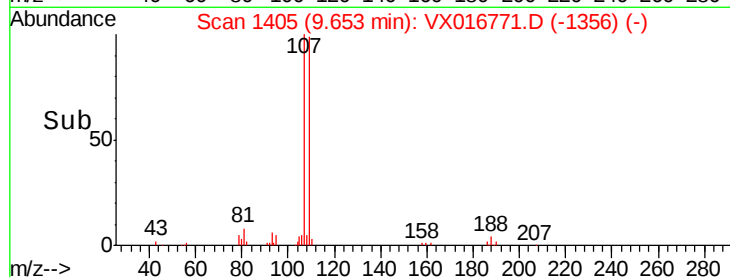
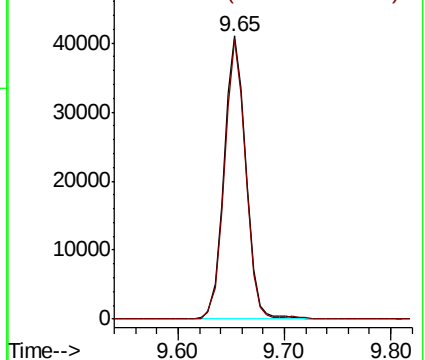
107 100

109 95.8 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.012 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

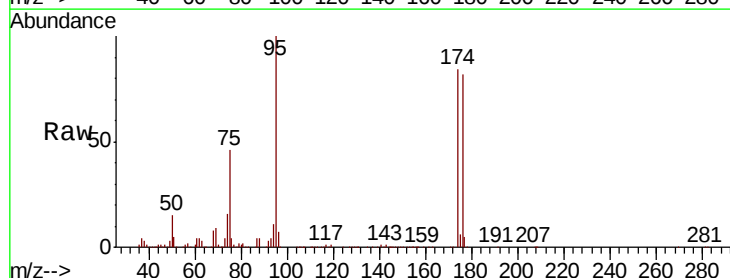
Tgt Ion: 95 Resp: 178338

Ion Ratio Lower Upper

95 100

174 87.3 0.0 171.0

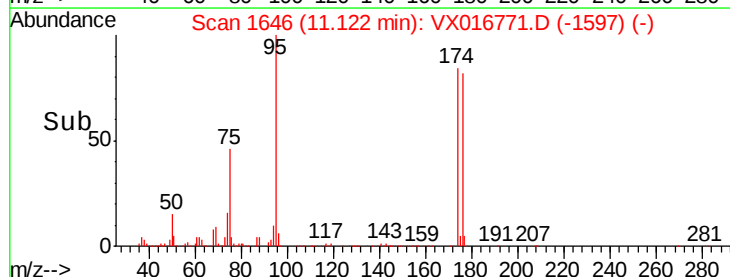
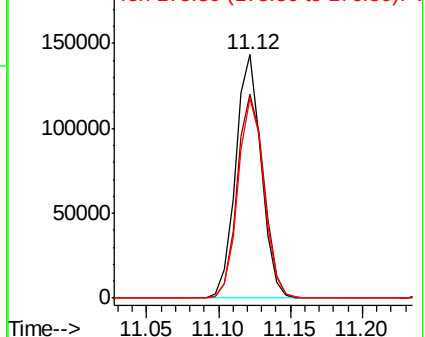
176 83.4 0.0 166.2

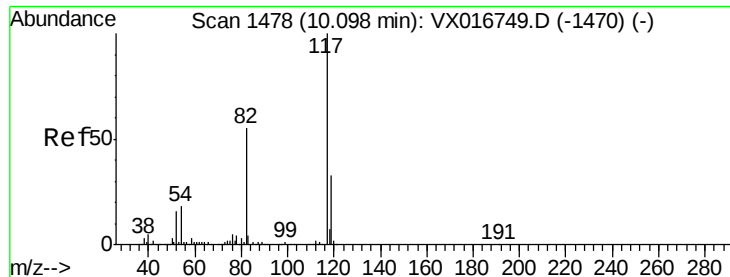


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

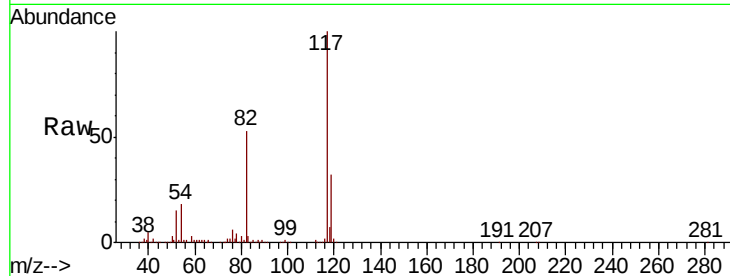




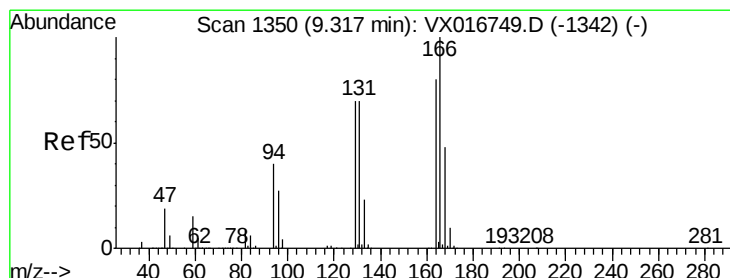
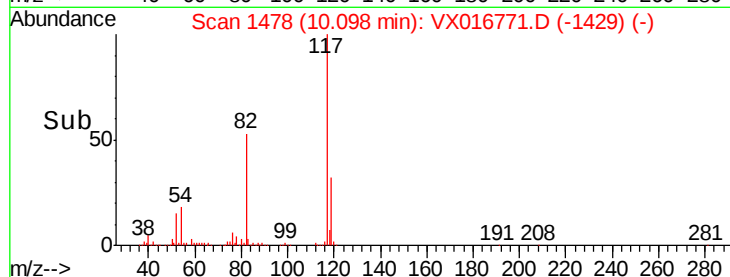
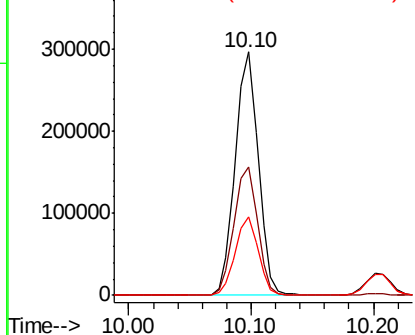
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion:117 Resp: 387071
Ion Ratio Lower Upper
117 100
82 52.6 43.8 65.6
119 32.1 26.2 39.4



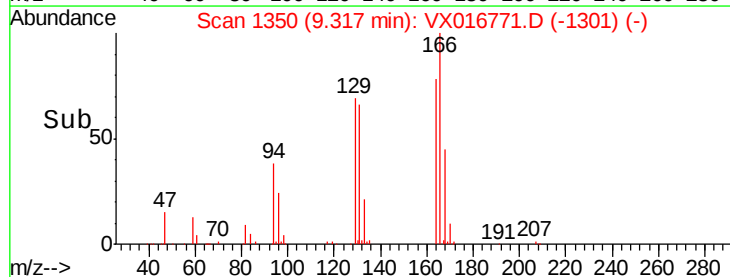
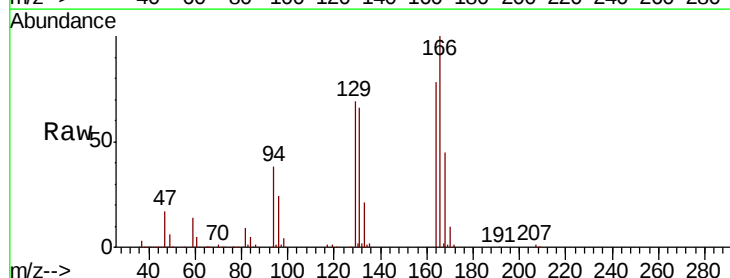
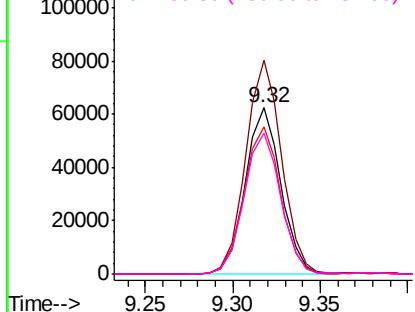
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

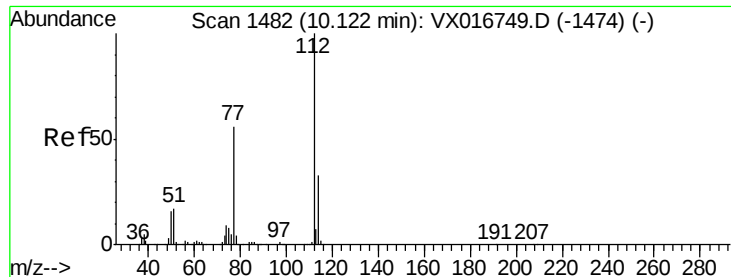


#64
Tetrachloroethene
Concen: 23.658 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion:164 Resp: 87933
Ion Ratio Lower Upper
164 100
166 128.7 100.6 150.8
129 89.1 70.1 105.1
131 85.0 70.8 106.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

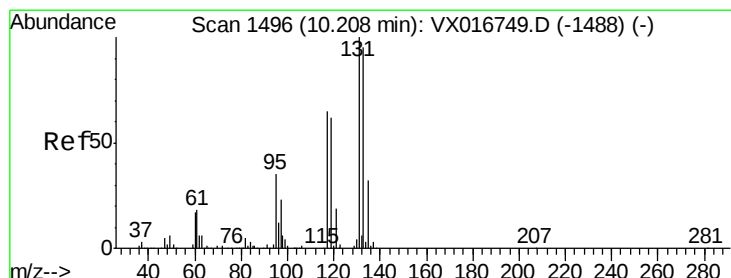
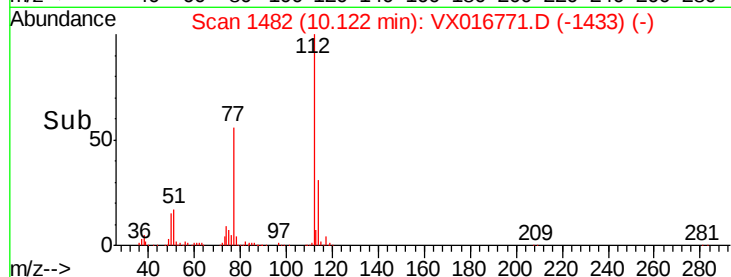
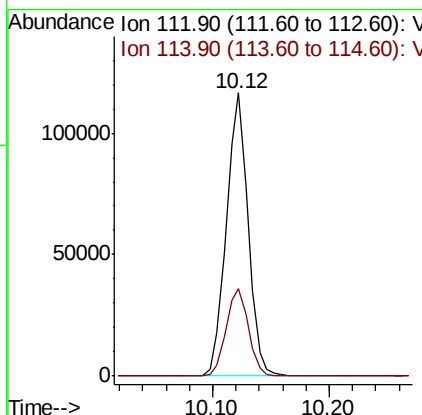
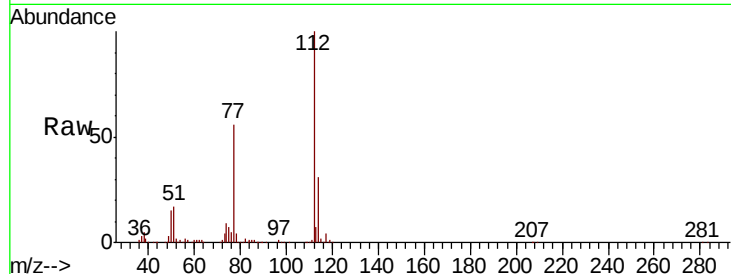




#65
Chlorobenzene
Concen: 19.153 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

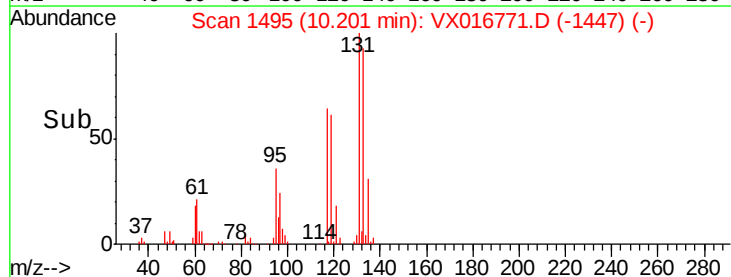
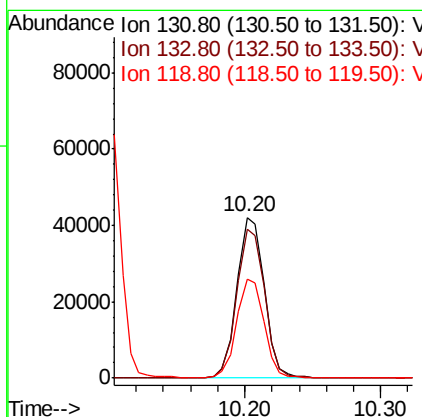
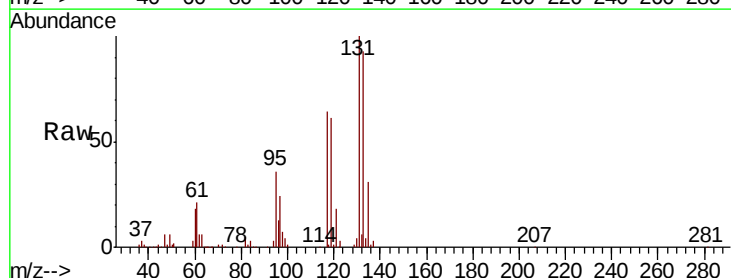
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

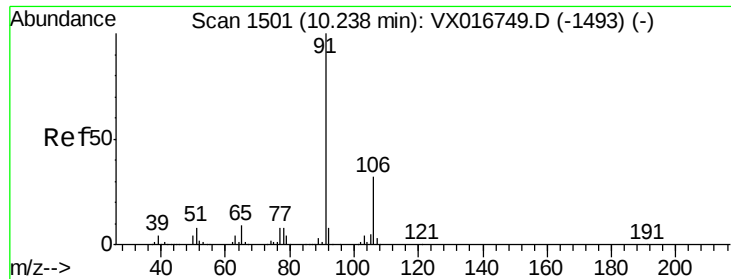
Tot Ion:112 Resp: 150431
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.851 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion:131 Resp: 59065
Ion Ratio Lower Upper
131 100
133 94.7 46.8 140.3
119 61.9 31.4 94.0





#67

Ethyl Benzene

Concen: 19.521 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

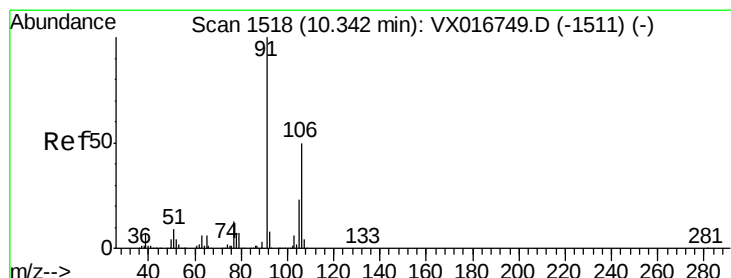
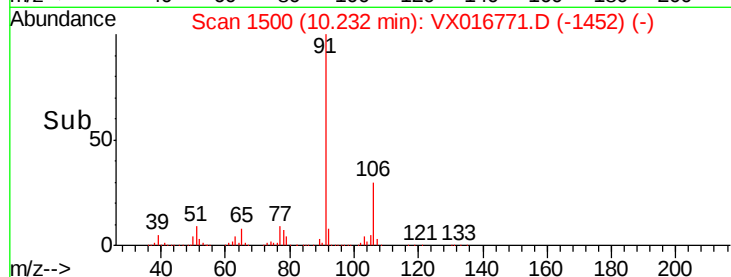
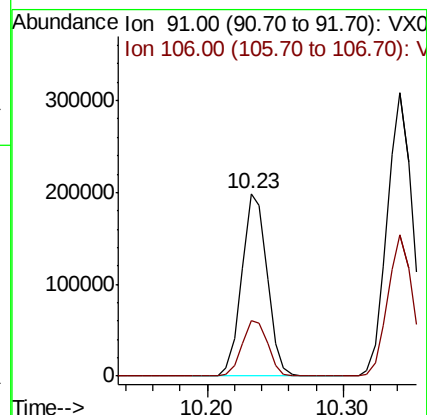
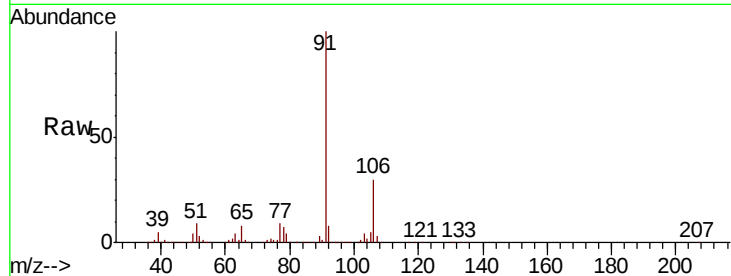
VX0616WBS01

Tot Ion: 91 Resp: 259188

Ion Ratio Lower Upper

91 100

106 30.3 25.3 37.9



#68

m/p-Xylenes

Concen: 39.223 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016771.D

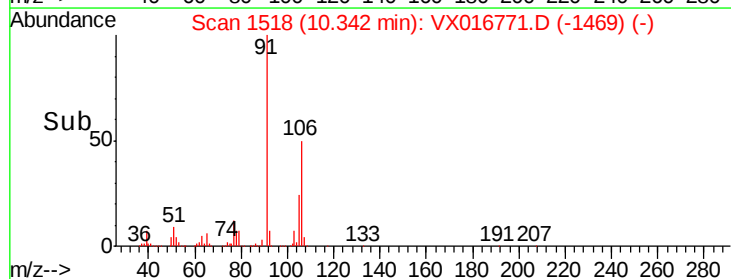
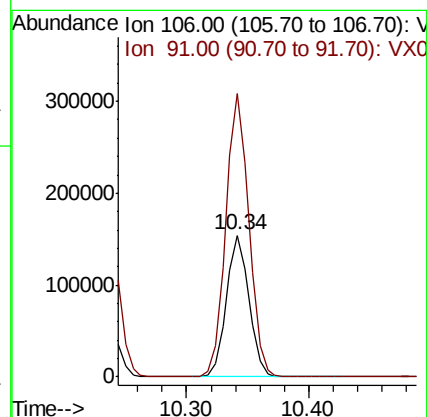
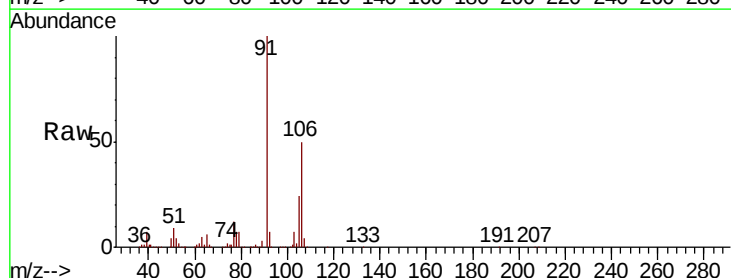
Acq: 16 Jun 2020 12:06

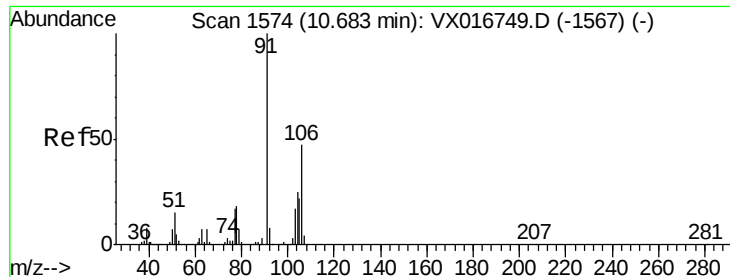
Tgt Ion: 106 Resp: 197458

Ion Ratio Lower Upper

106 100

91 204.5 161.2 241.8

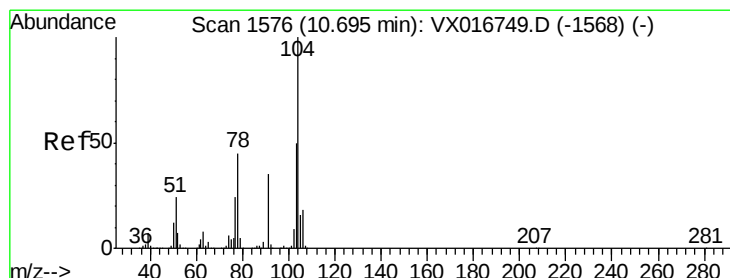
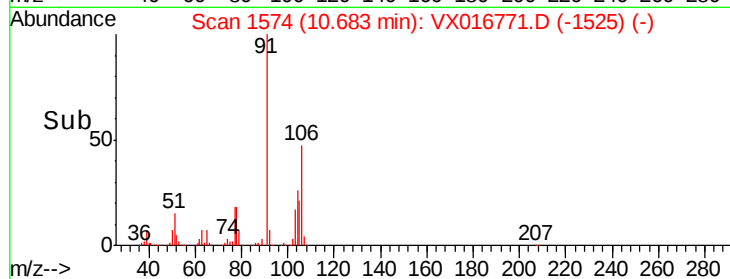
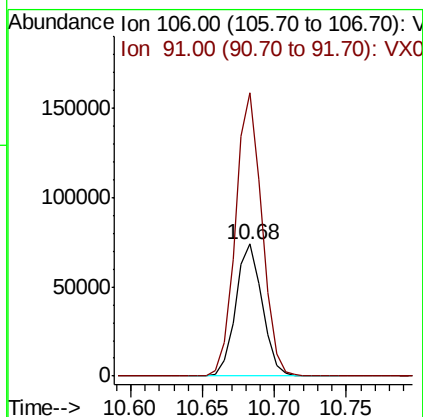
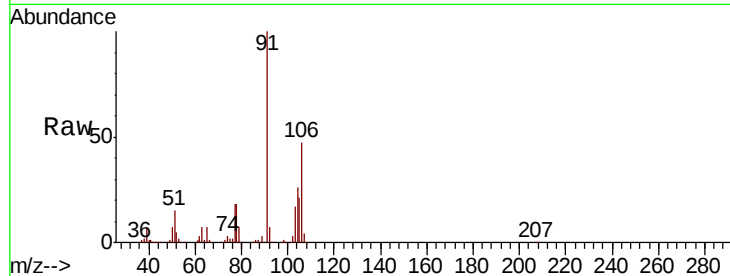




#69
o-Xylene
Concen: 19.627 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

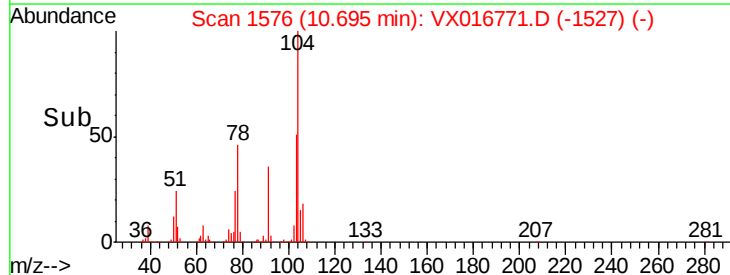
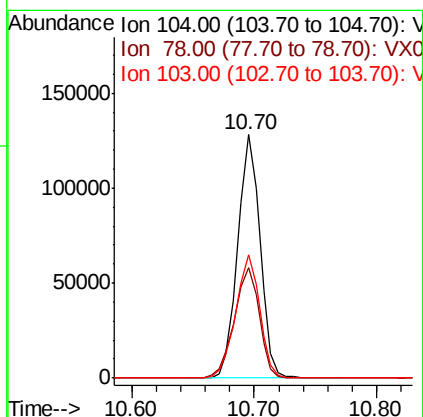
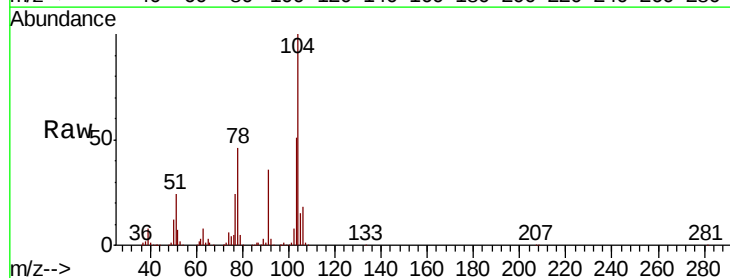
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

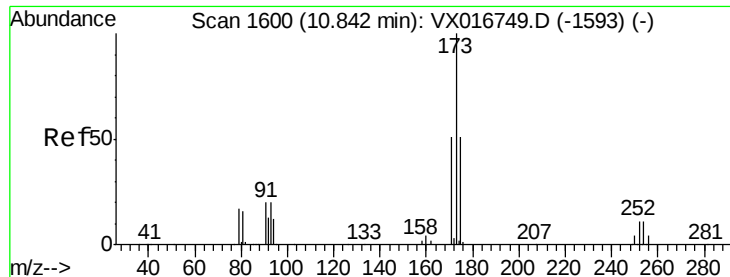
Tot Ion:106 Resp: 95190
Ion Ratio Lower Upper
106 100
91 213.4 106.9 320.8



#70
Styrene
Concen: 19.247 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion:104 Resp: 161373
Ion Ratio Lower Upper
104 100
78 51.0 39.8 59.8
103 54.8 43.4 65.2





#71

Bromoform

Concen: 18.688 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

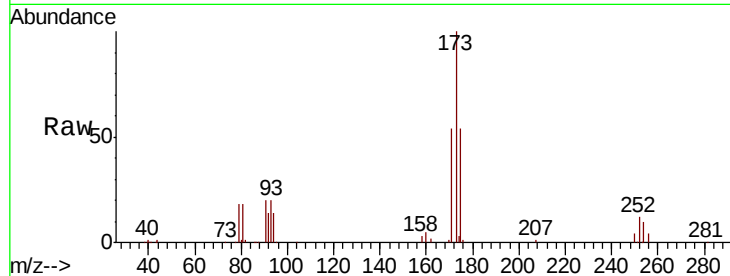
Tot Ion:173 Resp: 49958

Ion Ratio Lower Upper

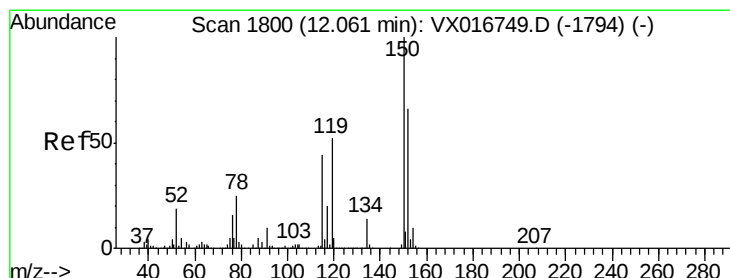
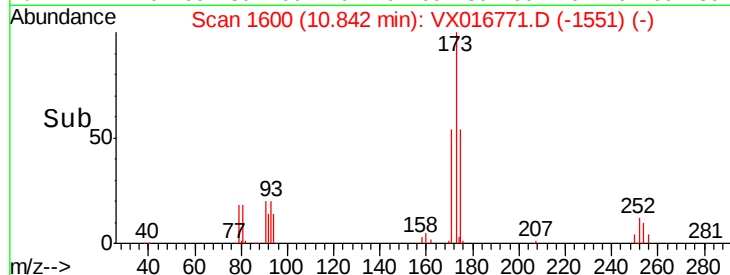
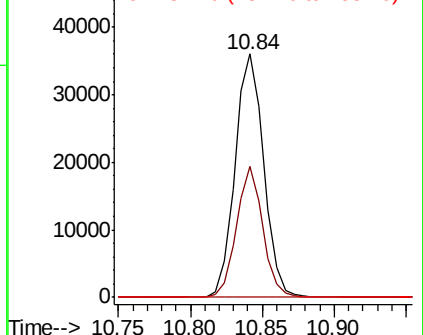
173 100

175 49.3 25.1 75.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

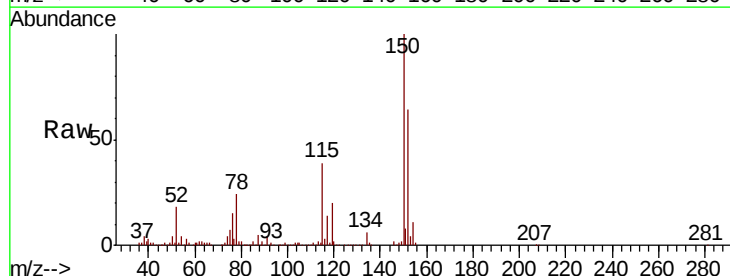
Tgt Ion:152 Resp: 192560

Ion Ratio Lower Upper

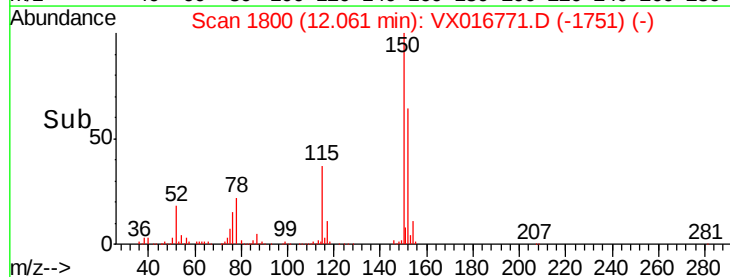
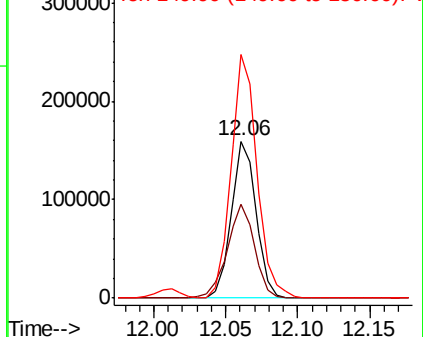
152 100

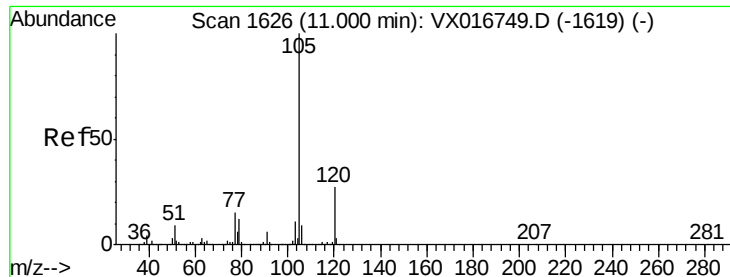
115 65.7 40.3 120.8

150 162.1 0.0 337.4



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





#73

Isopropylbenzene

Concen: 20.192 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

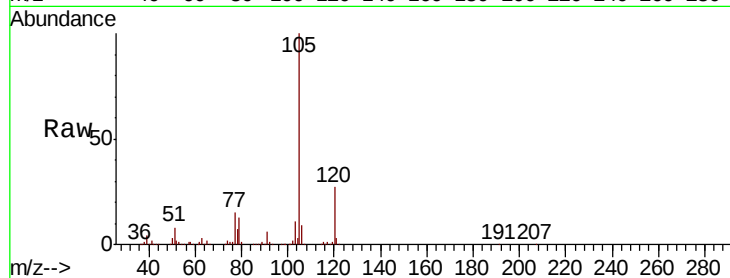
VX0616WBS01

Tot Ion:105 Resp: 255128

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

200000

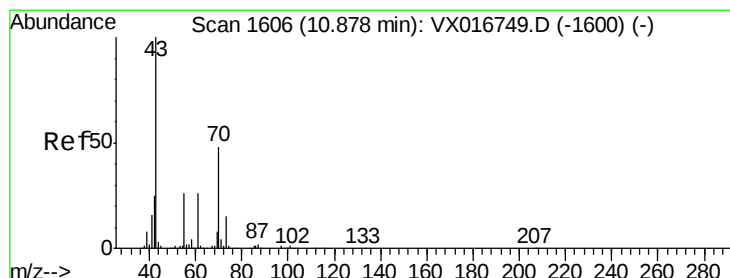
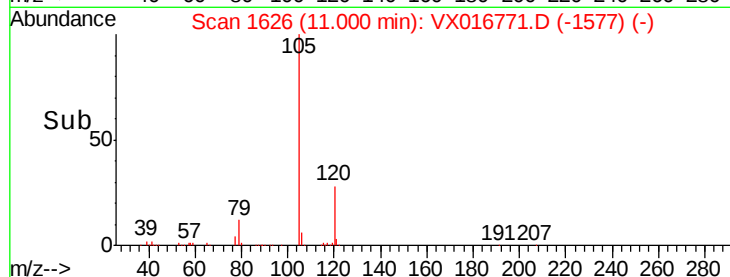
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 20.018 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Tgt Ion: 43 Resp: 98303

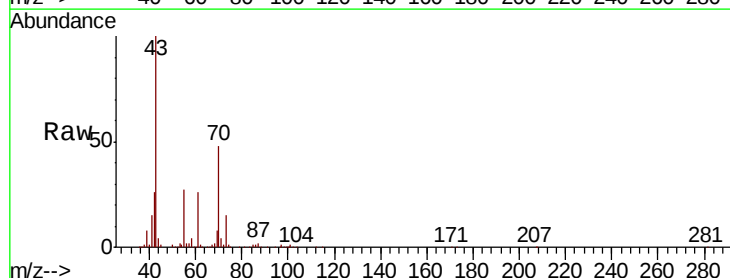
Ion Ratio Lower Upper

43 100

70 48.8 39.8 59.6

55 27.3 21.7 32.5

61 26.8 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

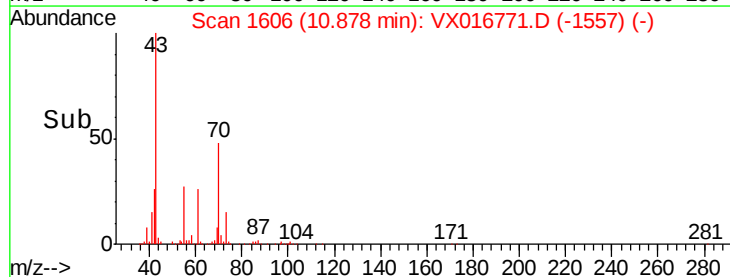
60000

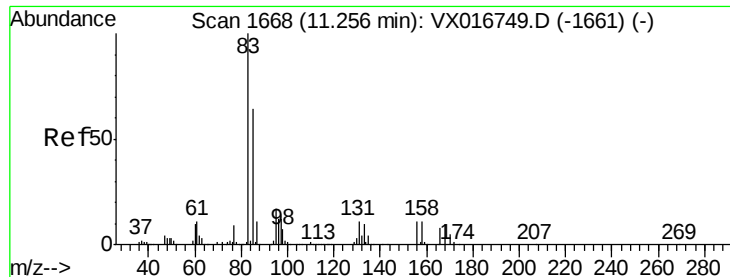
40000

20000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 14.077 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

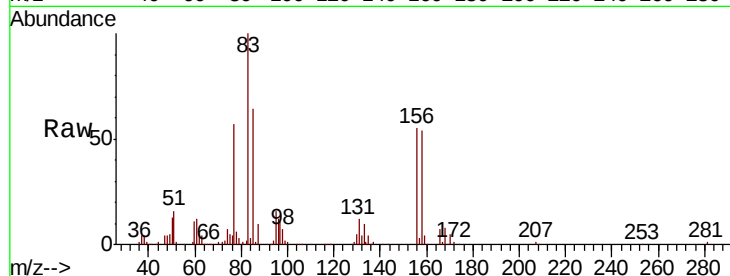
Tot Ion: 83 Resp: 52319

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.0

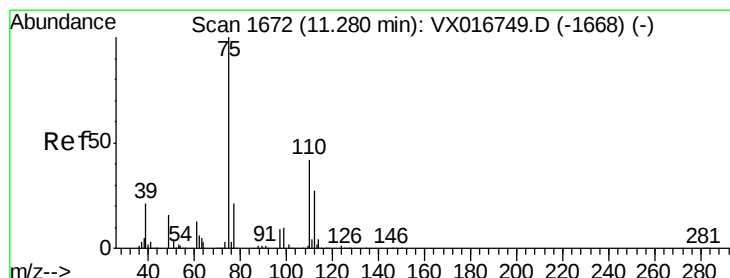
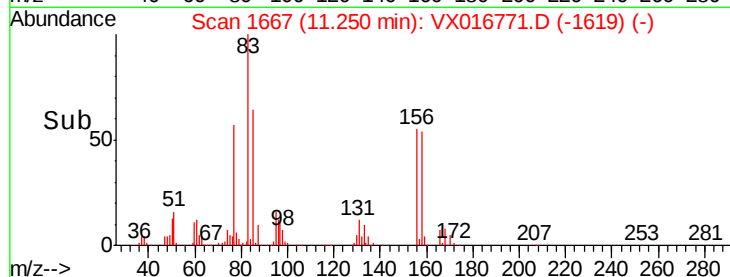
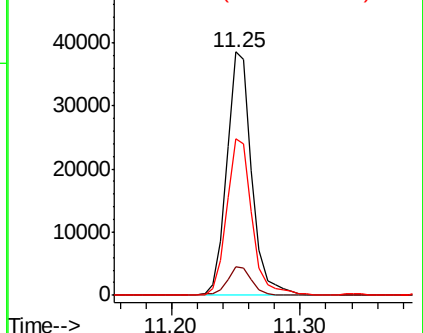
85 65.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.075 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016771.D

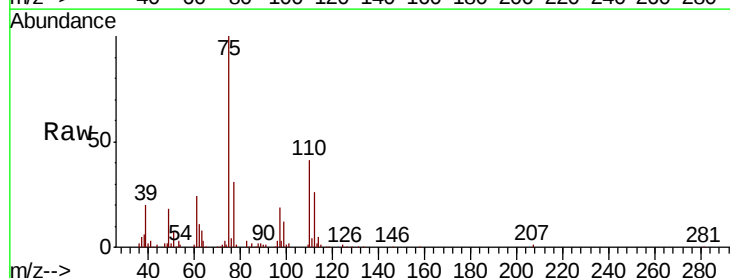
Acq: 16 Jun 2020 12:06

Tgt Ion: 75 Resp: 101541

Ion Ratio Lower Upper

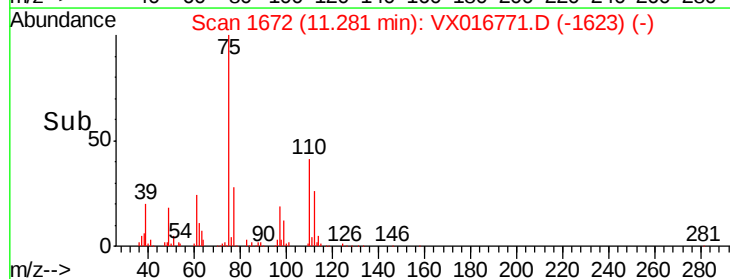
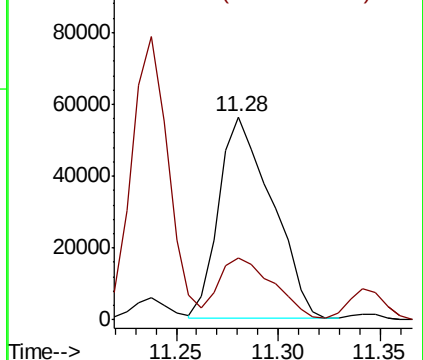
75 100

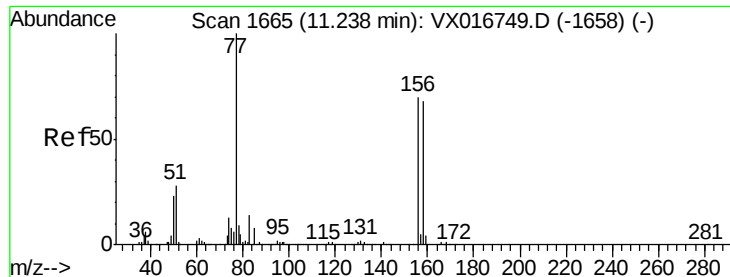
77 31.6 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.279 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampled :

VX0616WBS01

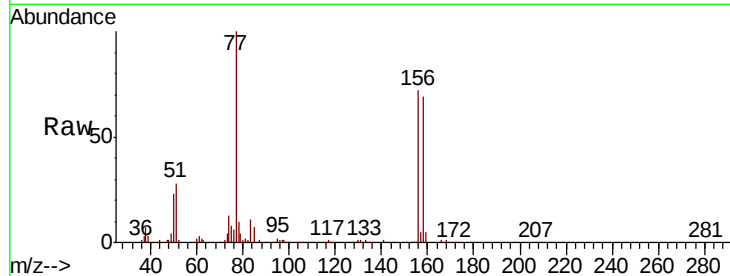
Tot Ion:156 Resp: 68780

Ion Ratio Lower Upper

156 100

77 144.5 73.2 219.6

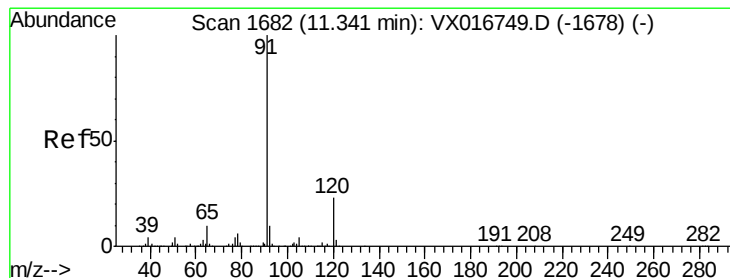
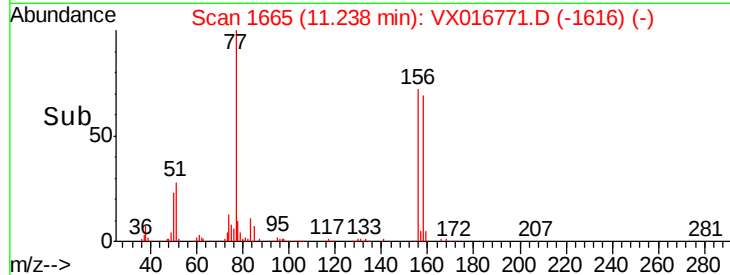
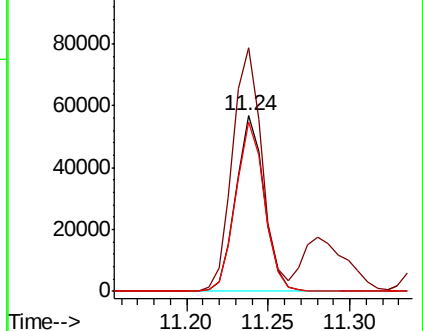
158 97.2 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.256 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016771.D

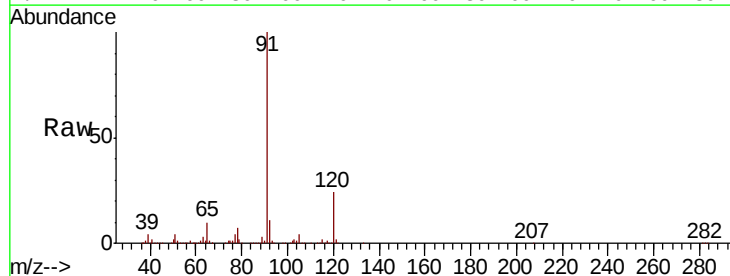
Acq: 16 Jun 2020 12:06

Tgt Ion: 91 Resp: 277937

Ion Ratio Lower Upper

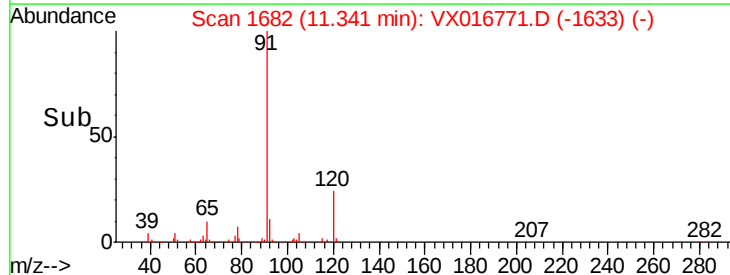
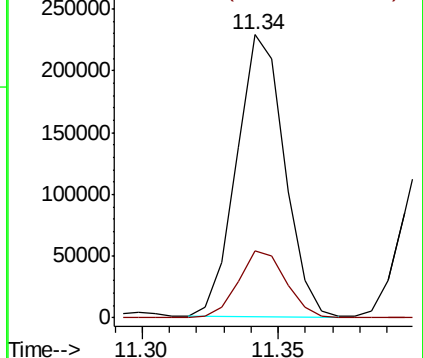
91 100

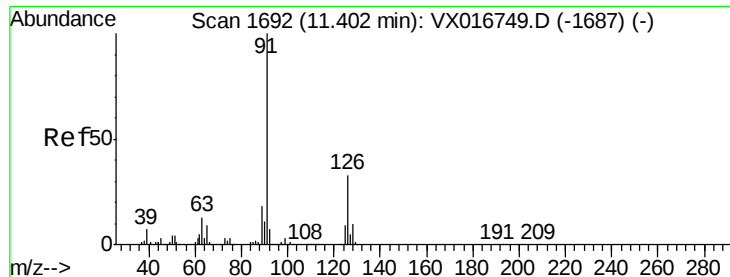
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.775 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

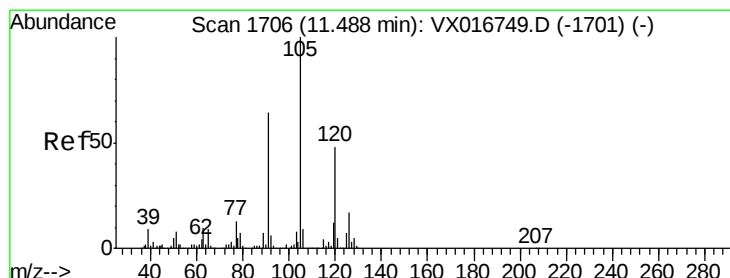
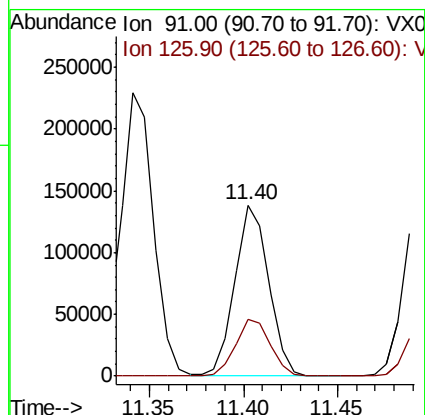
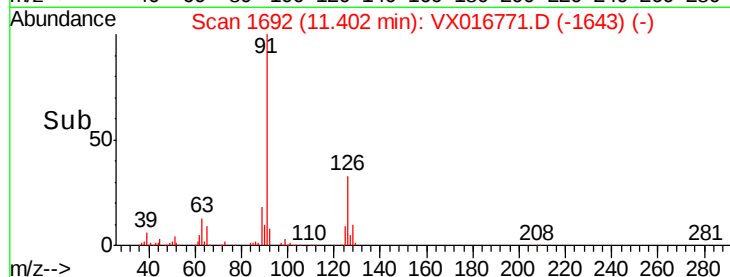
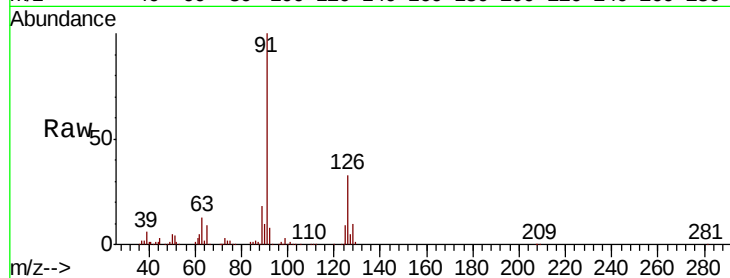
VX0616WBS01

Tot Ion: 91 Resp: 171581

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 20.513 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016771.D

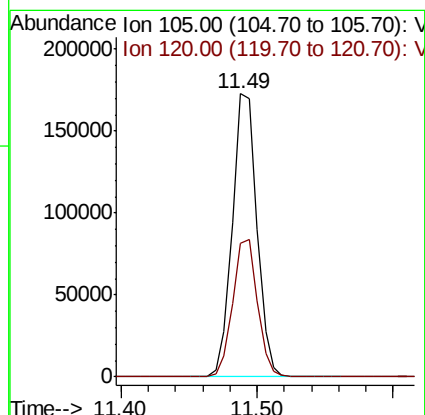
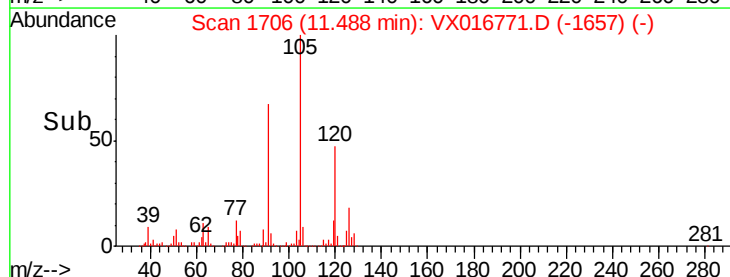
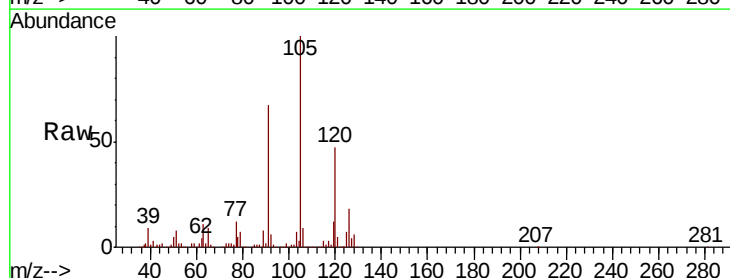
Acq: 16 Jun 2020 12:06

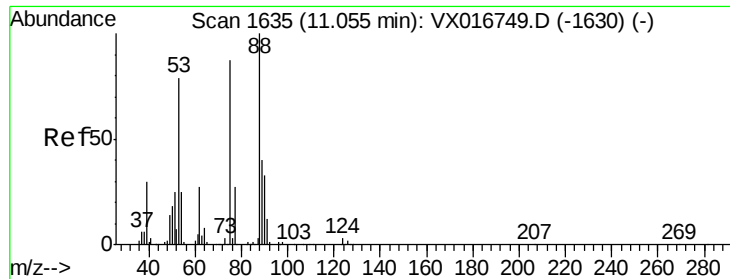
Tgt Ion: 105 Resp: 217266

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.123 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

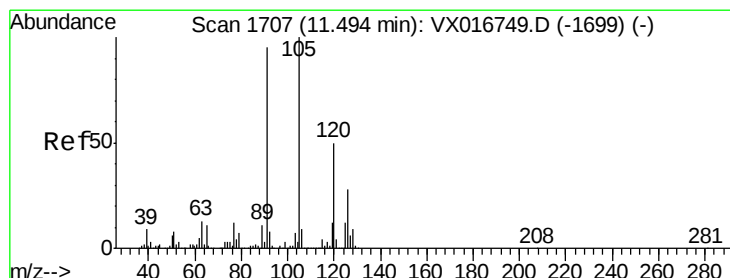
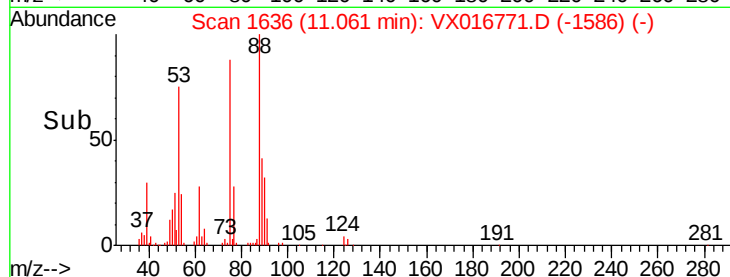
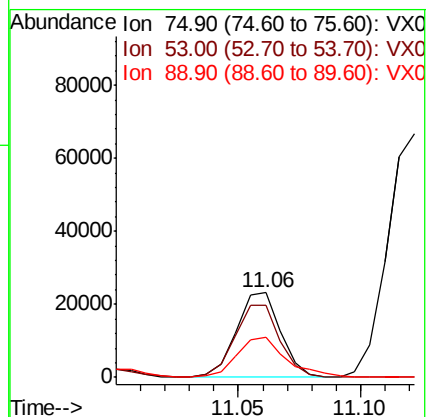
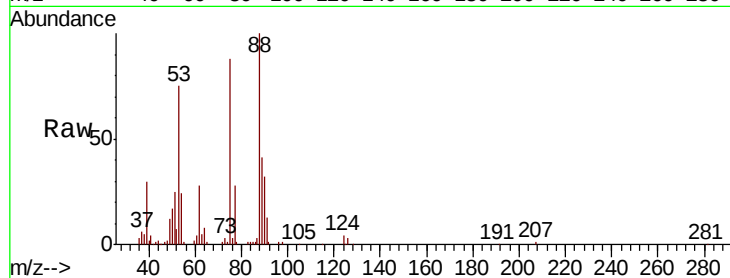
Tot Ion: 75 Resp: 29152

Ion Ratio Lower Upper

75 100

53 87.1 71.4 107.0

89 53.0 39.1 58.7



#82

4-Chlorotoluene

Concen: 19.643 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016771.D

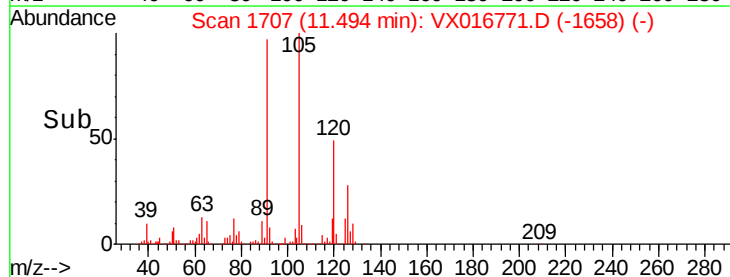
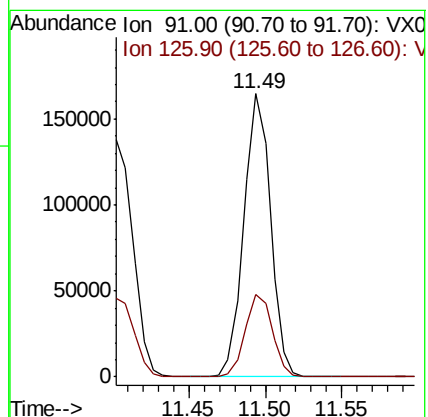
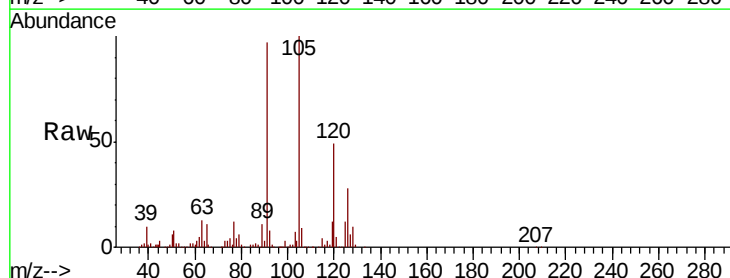
Acq: 16 Jun 2020 12:06

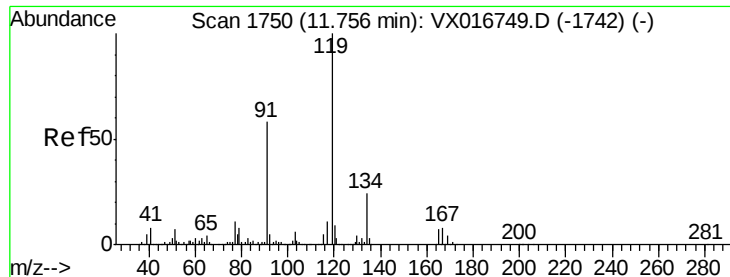
Tgt Ion: 91 Resp: 199504

Ion Ratio Lower Upper

91 100

126 30.0 15.2 45.6

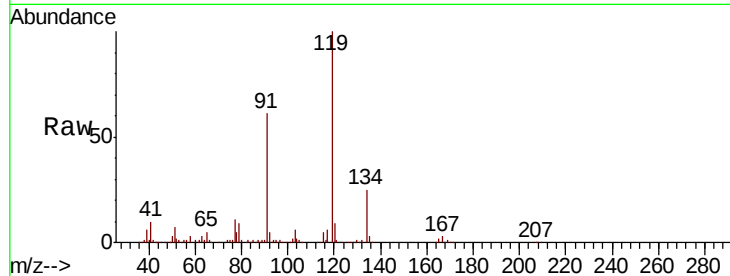




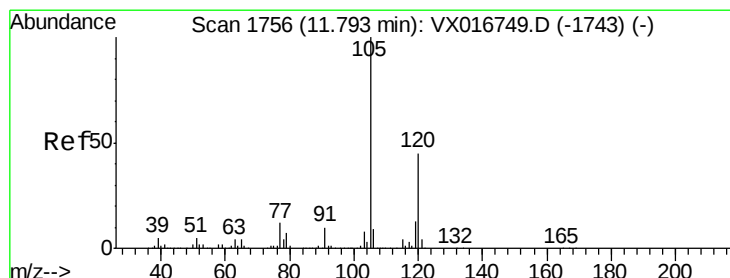
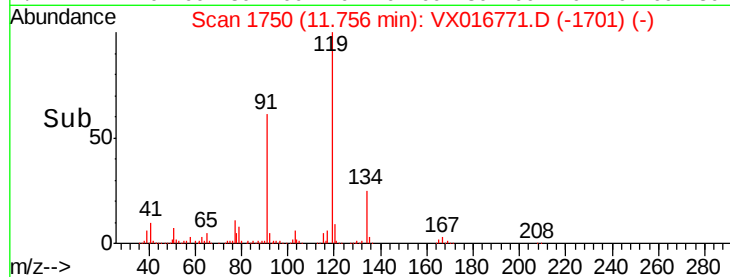
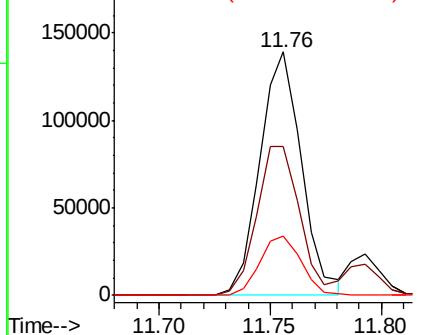
#83
 tert-Butylbenzene
 Concen: 18.719 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX0616WBS01

Tot Ion:119 Resp: 181421
 Ion Ratio Lower Upper
 119 100
 91 62.5 29.3 88.0
 134 24.0 11.8 35.3

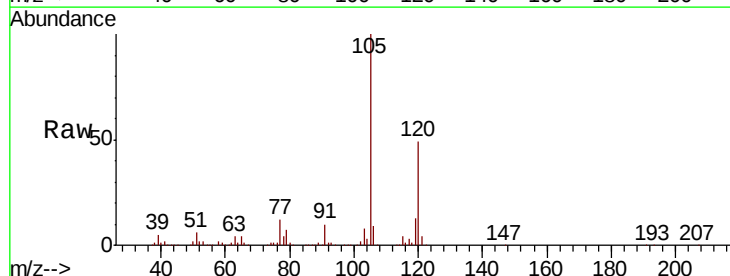


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

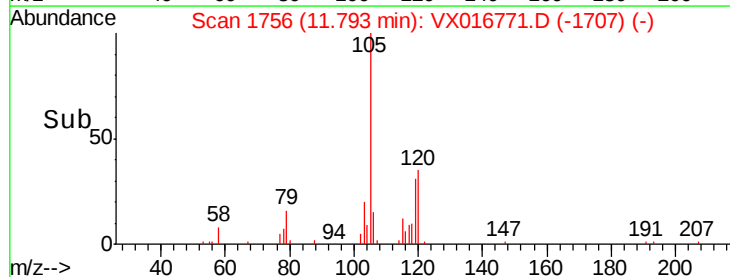
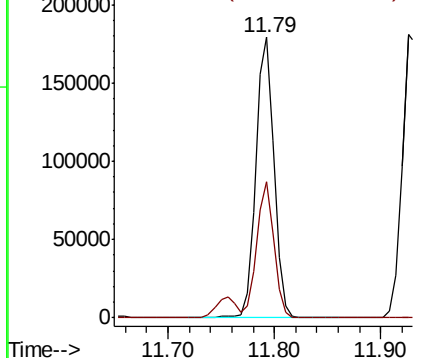


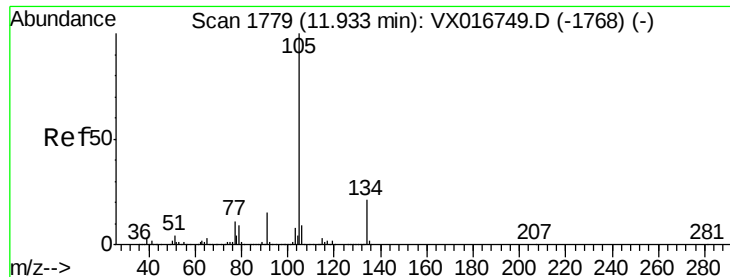
#84
 1,2,4-Trimethylbenzene
 Concen: 20.000 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion:105 Resp: 214295
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.6 67.8



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

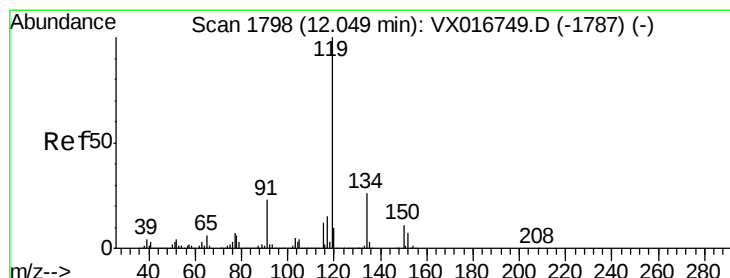
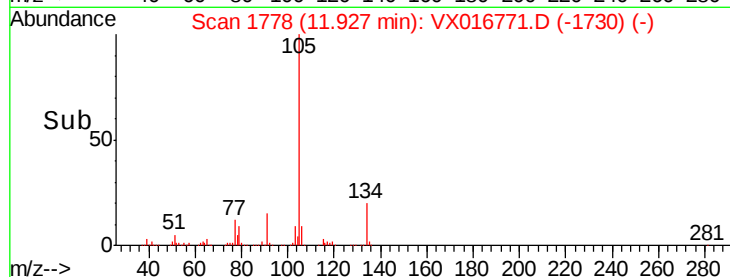
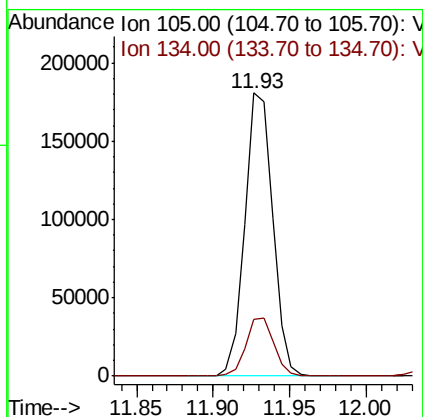
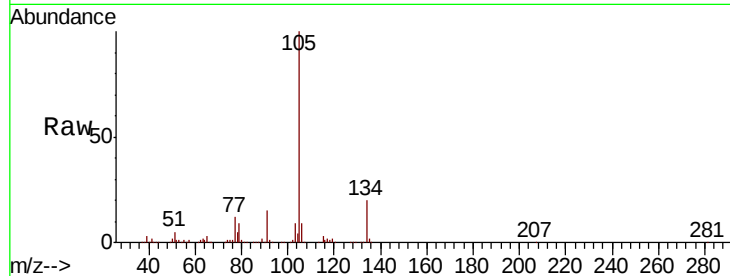




#85
 sec-Butylbenzene
 Concen: 20.201 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

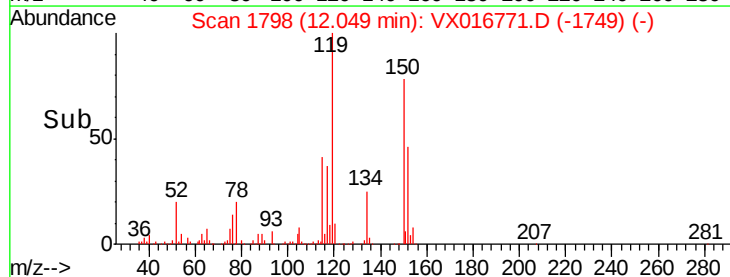
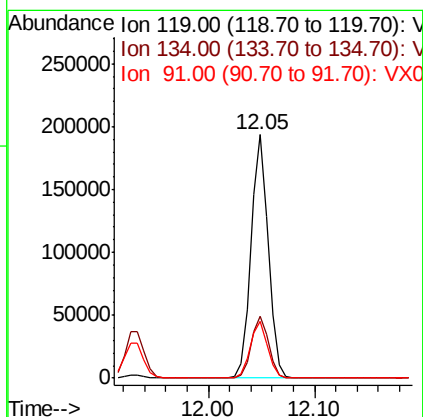
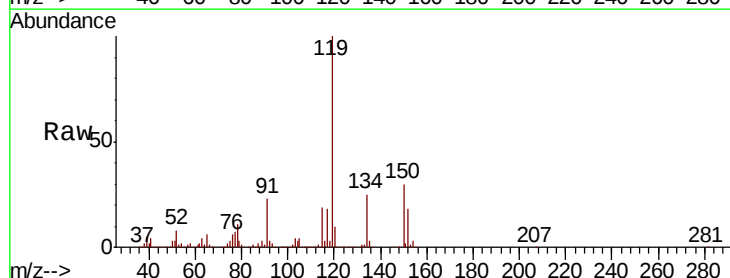
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

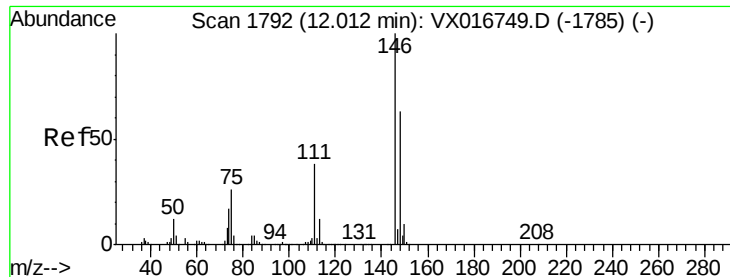
Tot Ion:105 Resp: 229006
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.157 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion:119 Resp: 219254
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 23.5 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 19.508 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

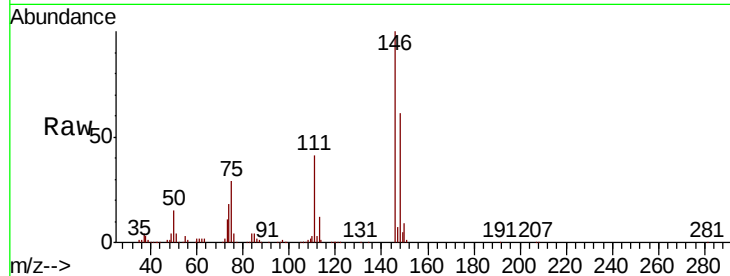
Tot Ion:146 Resp: 117656

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.3

148 63.1 31.9 95.7

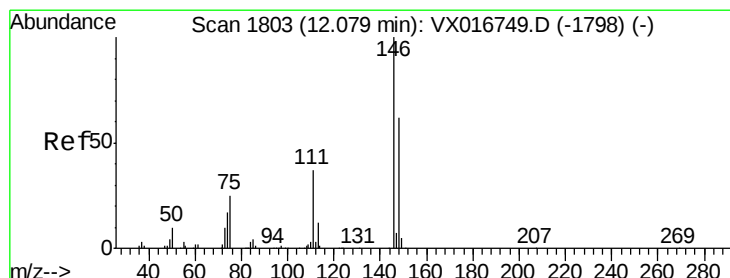
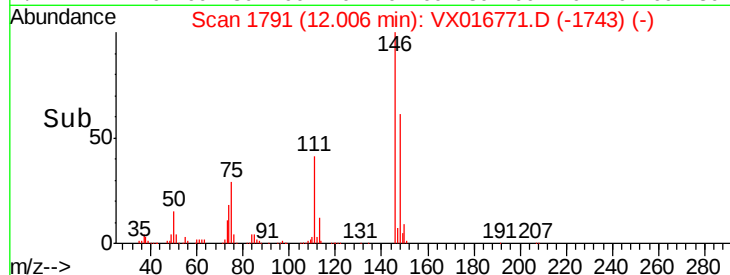
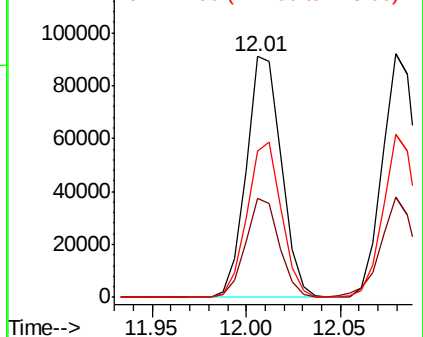


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.774 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

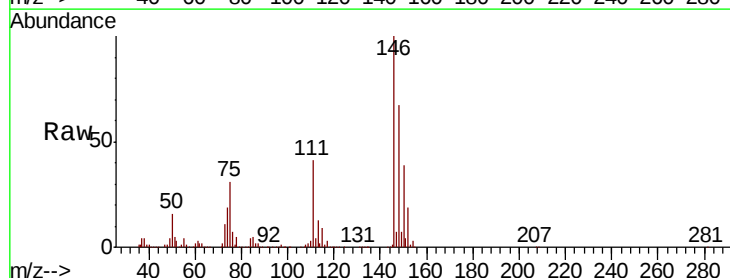
Tgt Ion:146 Resp: 117425

Ion Ratio Lower Upper

146 100

111 39.8 19.3 57.8

148 64.6 32.1 96.5

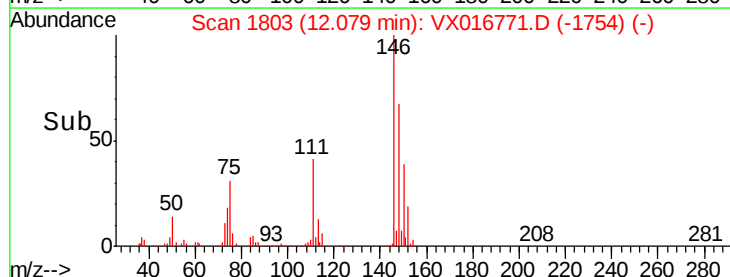
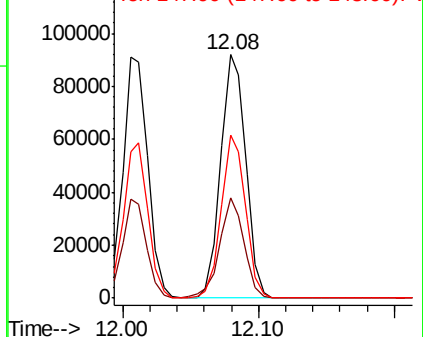


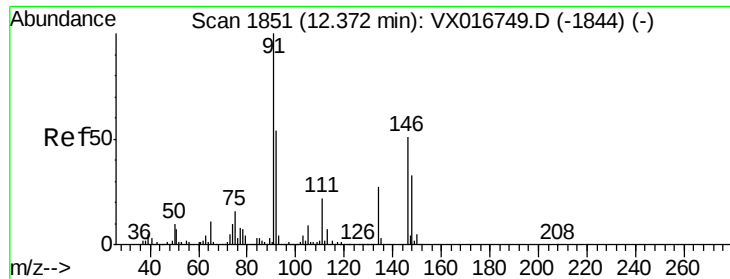
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

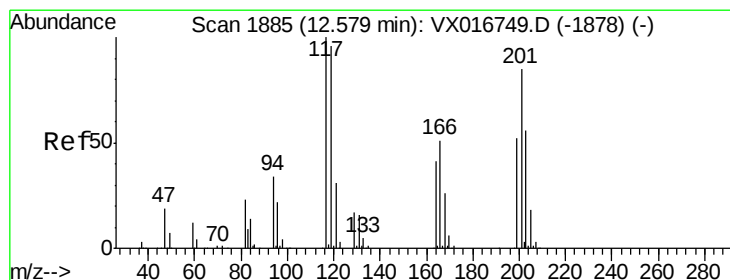
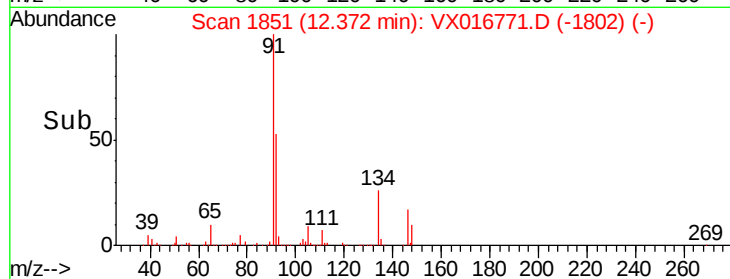
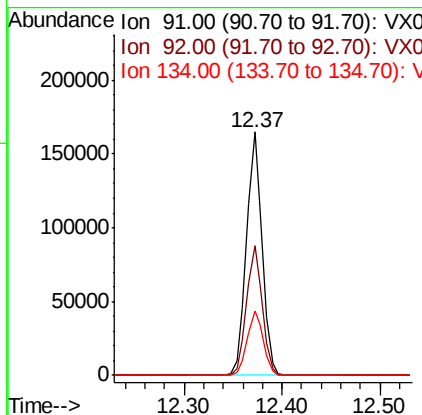
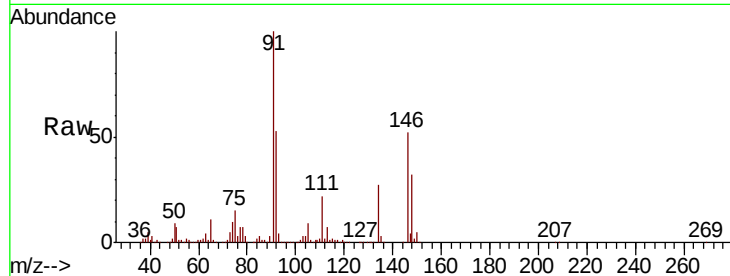




#89
n-Butylbenzene
Concen: 20.339 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

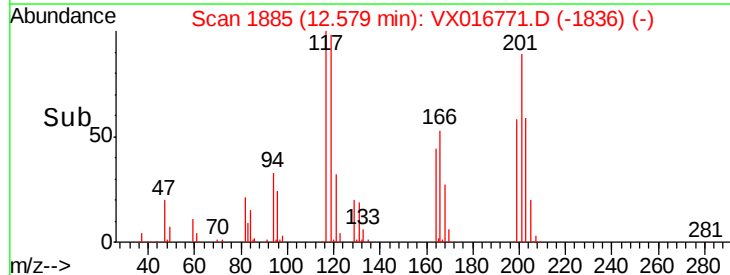
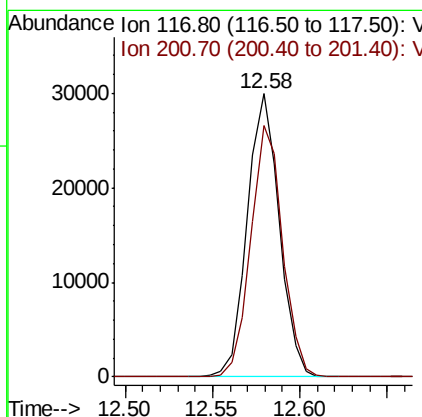
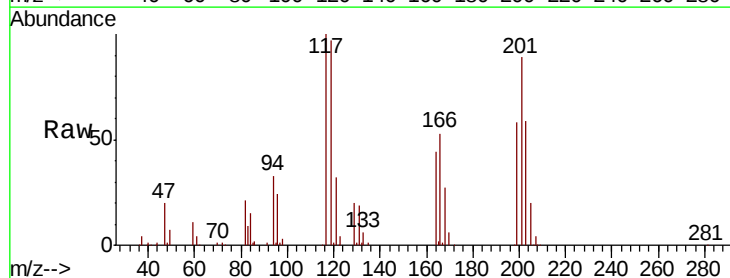
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion: 91 Resp: 182634
Ion Ratio Lower Upper
91 100
92 53.6 27.0 80.8
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 19.005 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion: 117 Resp: 38121
Ion Ratio Lower Upper
117 100
201 87.9 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 18.783 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

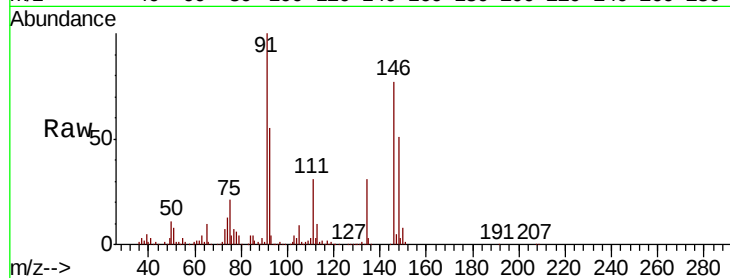
Tot Ion:146 Resp: 113290

Ion Ratio Lower Upper

146 100

111 41.1 20.8 62.2

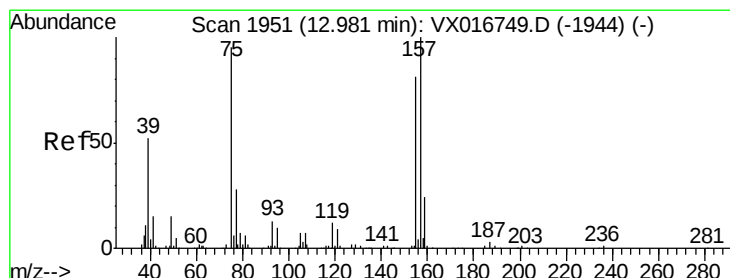
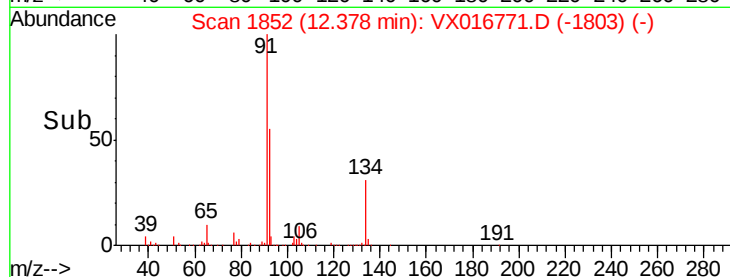
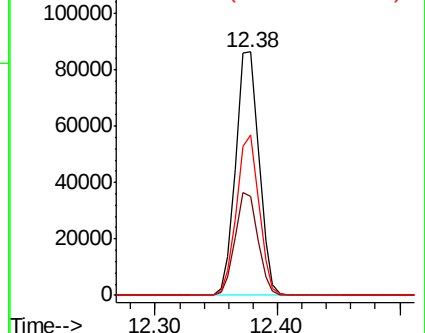
148 63.6 32.1 96.5



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: 17.816 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

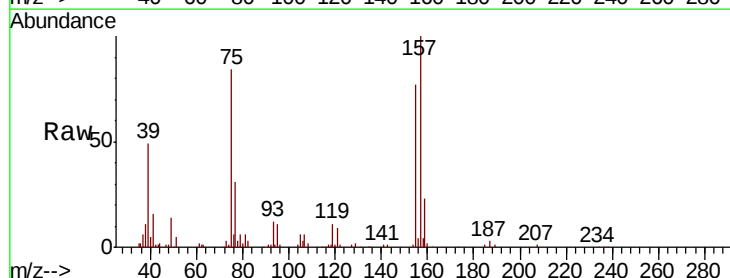
Tgt Ion: 75 Resp: 18517

Ion Ratio Lower Upper

75 100

155 95.5 46.9 140.7

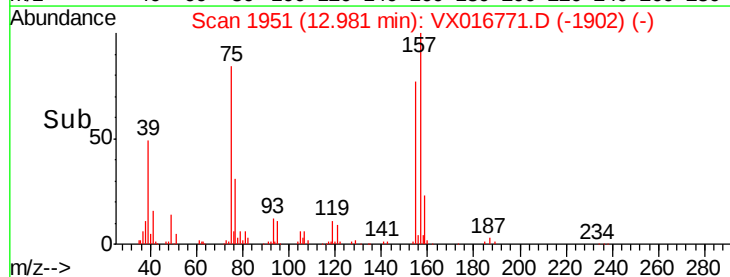
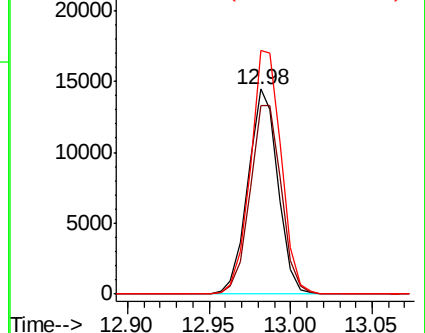
157 122.1 59.6 178.7

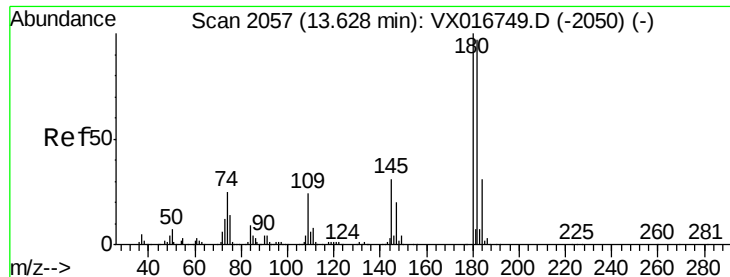


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

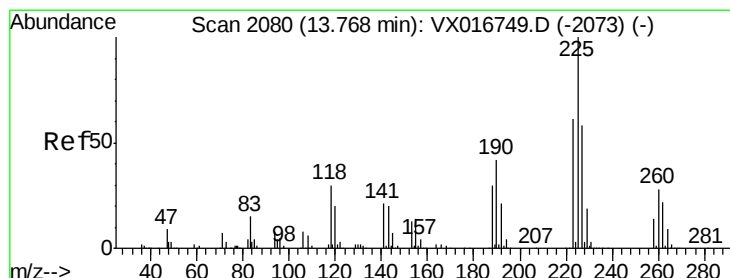
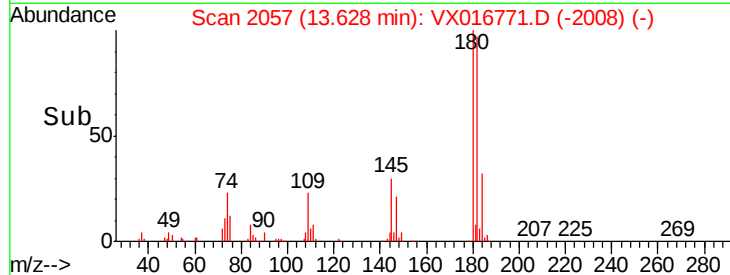
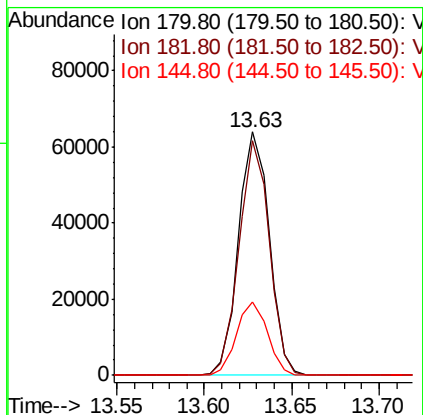
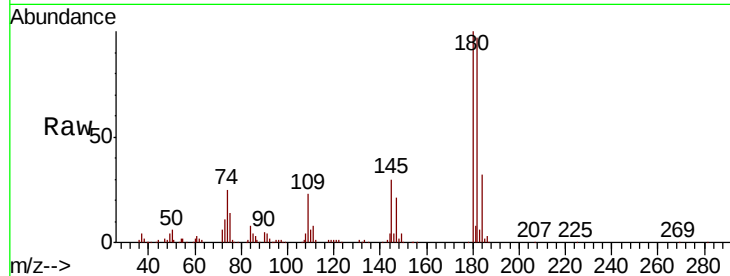




#93
 1,2,4-Trichlorobenzene
 Concen: 18.639 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

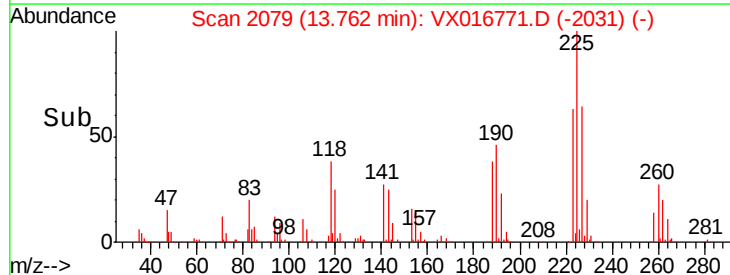
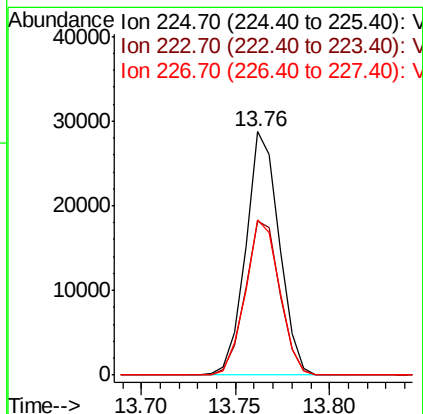
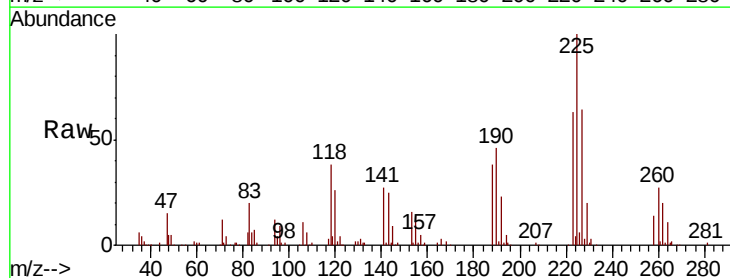
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

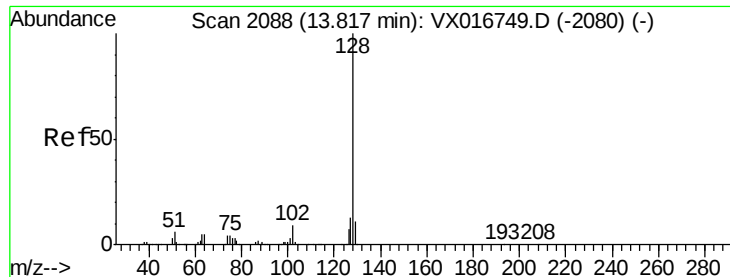
Tot Ion:180 Resp: 78727
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.6 145.8
 145 30.4 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 19.196 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion:225 Resp: 35202
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.1 93.5
 227 65.3 30.9 92.7

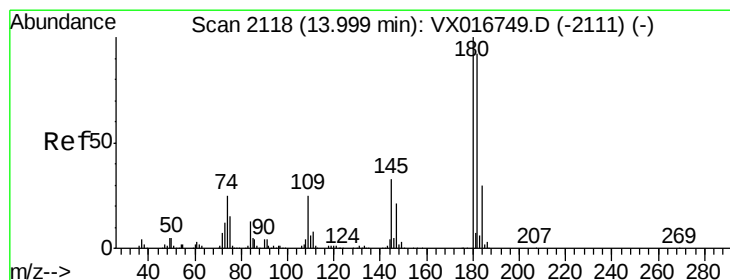
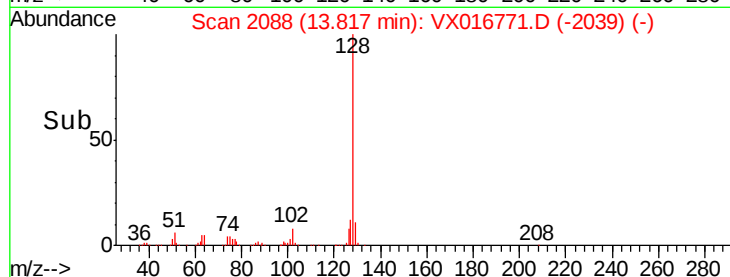
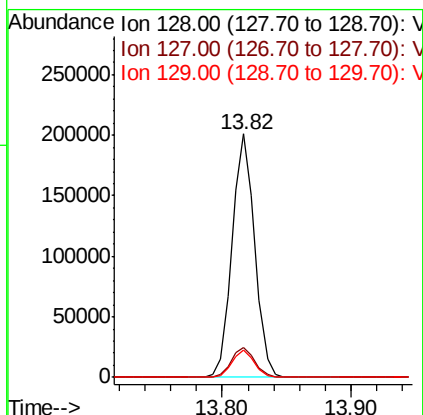
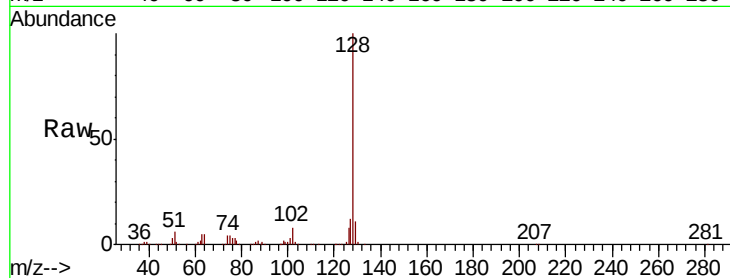




#95
Naphthalene
Concen: 18.616 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion:128 Resp: 246329
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.378 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion:180 Resp: 76405
Ion Ratio Lower Upper
180 100
182 100.0 47.1 141.4
145 33.0 15.9 47.7

