

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052220\
 Data File : VX016401.D
 Acq On : 22 May 2020 10:57
 Operator : JC/SP
 Sample : VX0522WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 01:31:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	240628	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	379373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	348961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169894	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	133605	42.19	ug/l	0.00
Spiked Amount			Recovery	=	84.38%	
35) Dibromofluoromethane	5.46	113	113305	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
50) Toluene-d8	8.70	98	434374	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
62) 4-Bromofluorobenzene	11.12	95	162800	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	45287	17.781	ug/l	98
3) Chloromethane	1.31	50	50170	16.961	ug/l	100
4) Vinyl Chloride	1.39	62	54254	17.192	ug/l	100
5) Bromomethane	1.62	94	33117	20.816	ug/l	99
6) Chloroethane	1.71	64	32492	16.922	ug/l	94
7) Trichlorofluoromethane	1.92	101	74311	17.936	ug/l	97
8) Diethyl Ether	2.17	74	30530	17.489	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	43712	18.287	ug/l	98
10) Methyl Iodide	2.49	142	36045	11.227	ug/l	98
11) Tert butyl alcohol	3.01	59	62108	77.567	ug/l	99
12) 1,1-Dichloroethene	2.36	96	44225	17.680	ug/l	97
13) Acrolein	2.27	56	53253	106.282	ug/l	98
14) Allyl chloride	2.70	41	72225	15.748	ug/l	94
15) Acrylonitrile	3.11	53	137044	82.504	ug/l	99
16) Acetone	2.42	43	107459	76.060	ug/l	97
17) Carbon Disulfide	2.55	76	123459	16.296	ug/l	97
18) Methyl Acetate	2.75	43	57043	16.421	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	157646	18.282	ug/l	95
20) Methylene Chloride	2.83	84	50570	17.363	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	49368	17.711	ug/l	93
22) Diisopropyl ether	3.82	45	145676	16.836	ug/l	93
23) Vinyl Acetate	3.78	43	628191	82.523	ug/l	95
24) 1,1-Dichloroethane	3.67	63	86909	17.956	ug/l	98
25) 2-Butanone	4.63	43	181554	79.747	ug/l	93
26) 2,2-Dichloropropane	4.54	77	79107	17.896	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	56471	18.531	ug/l	95
28) Bromochloromethane	4.98	49	39214	17.768	ug/l	89
29) Tetrahydrofuran	5.09	42	121089	80.271	ug/l	93
30) Chloroform	5.18	83	89541	18.580	ug/l	98
31) Cyclohexane	5.55	56	74301	16.891	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	82161	18.756	ug/l	97
36) 1,1-Dichloropropene	5.76	75	67849	18.169	ug/l	100
37) Ethyl Acetate	4.79	43	70816	16.361	ug/l	96
38) Carbon Tetrachloride	5.75	117	71966	18.960	ug/l	97

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Instrument :
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 ClientSampleId :

Quant Time: May 23 01:31:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76150	16.933	ug/l	97
40) Benzene	6.11	78	207652	19.004	ug/l	100
41) Methacrylonitrile	5.00	41	38594	16.511	ug/l	95
42) 1,2-Dichloroethane	6.16	62	68639	17.438	ug/l	98
43) Isopropyl Acetate	6.41	43	113887	16.491	ug/l	95
44) Trichloroethene	7.19	130	68713	17.701	ug/l	97
45) 1,2-Dichloropropane	7.49	63	52079	18.836	ug/l	100
46) Dibromomethane	7.63	93	35383	18.832	ug/l	98
47) Bromodichloromethane	7.87	83	72023	18.821	ug/l	98
48) Methyl methacrylate	7.74	41	53341	16.301	ug/l	92
49) 1,4-Dioxane	7.71	88	26980	343.774	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	359123	84.979	ug/l	95
52) Toluene	8.76	92	134695	19.777	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	83223	18.241	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	89816	18.847	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	52467	19.580	ug/l	98
56) Ethyl methacrylate	9.16	69	80539	18.413	ug/l	91
57) 1,3-Dichloropropane	9.35	76	88561	18.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	179630	77.141	ug/l	97
59) 2-Hexanone	9.47	43	276626	83.352	ug/l	95
60) Dibromochloromethane	9.57	129	58149	19.704	ug/l	100
61) 1,2-Dibromoethane	9.65	107	55116	18.989	ug/l	99
64) Tetrachloroethene	9.32	164	80522	18.796	ug/l	99
65) Chlorobenzene	10.12	112	141767	19.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	52794	19.548	ug/l	100
67) Ethyl Benzene	10.24	91	251194	19.267	ug/l	99
68) m/p-Xylenes	10.34	106	192090	39.326	ug/l	100
69) o-Xylene	10.68	106	90715	19.321	ug/l	99
70) Styrene	10.70	104	153465	19.266	ug/l	99
71) Bromoform	10.84	173	42478	19.305	ug/l #	97
73) Isopropylbenzene	11.00	105	239672	19.395	ug/l	99
74) N-amyl acetate	10.88	43	95969	16.650	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	54205	24.559	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	97016	25.164	ug/l	83
77) Bromobenzene	11.24	156	60978	19.118	ug/l	98
78) n-propylbenzene	11.34	91	267507	18.608	ug/l	99
79) 2-Chlorotoluene	11.40	91	163568	19.276	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	203555	19.510	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28723	17.755	ug/l	94
82) 4-Chlorotoluene	11.49	91	190990	19.060	ug/l	99
83) tert-Butylbenzene	11.76	119	168317	18.720	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	206363	19.564	ug/l	99
85) sec-Butylbenzene	11.93	105	213989	17.626	ug/l	100
86) p-Isopropyltoluene	12.05	119	203886	18.089	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	108343	18.918	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	111929	19.256	ug/l	99
89) n-Butylbenzene	12.37	91	164612	15.986	ug/l	100
90) Hexachloroethane	12.58	117	33851	17.487	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	108019	19.588	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17552	17.274	ug/l	96

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Quant Title : SW846 8260
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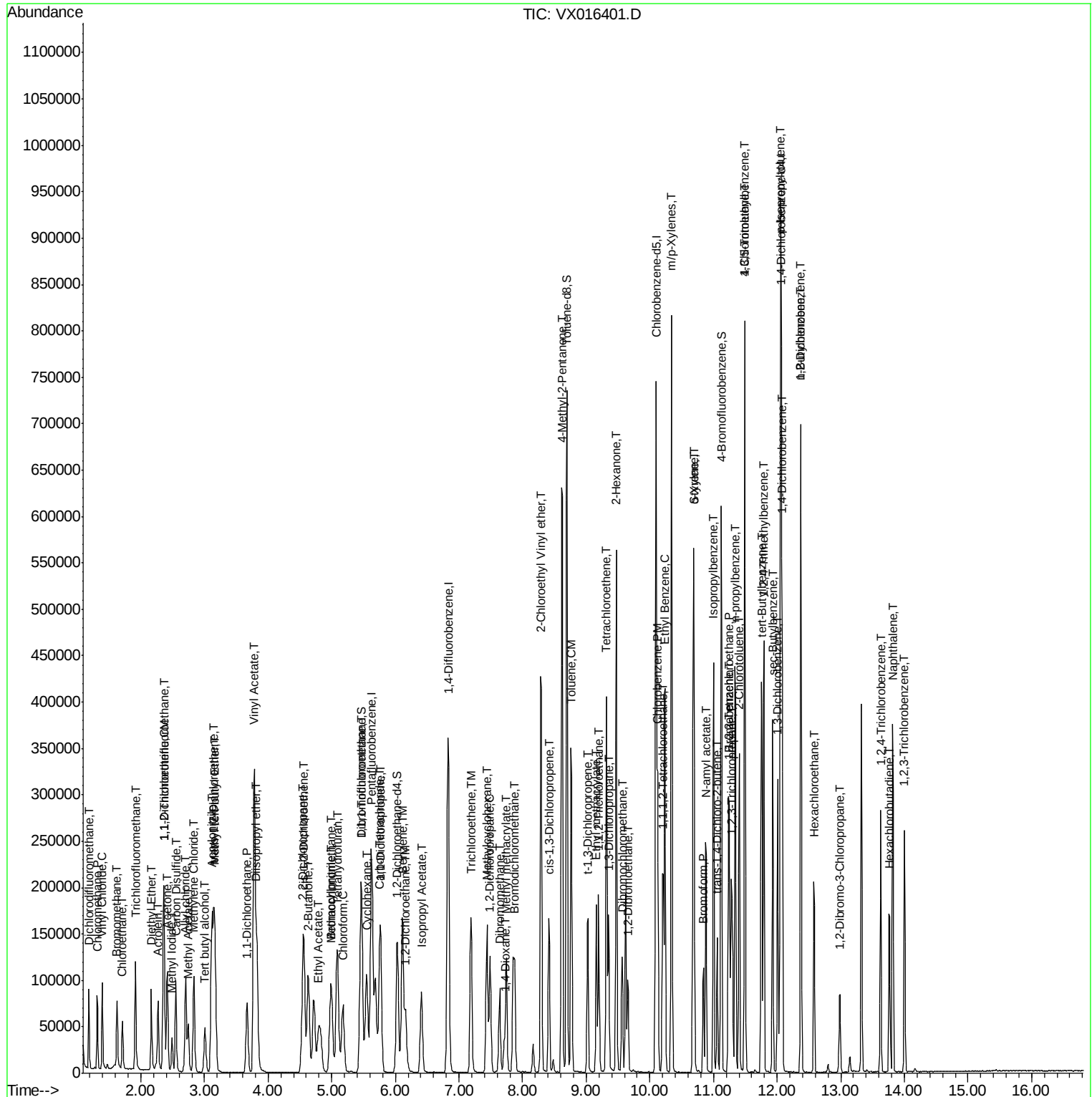
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	68695	16.826	ug/l	96
94) Hexachlorobutadiene	13.77	225	27691	16.110	ug/l	97
95) Naphthalene	13.82	128	234182	17.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	66619	16.696	ug/l	99

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

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Quant Time: May 23 01:31:38 2020
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

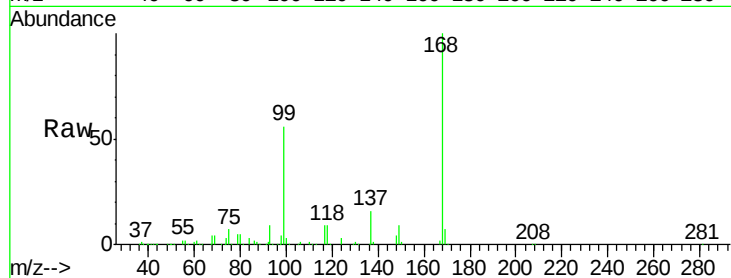
ClientSampleId :

Tot Ion:168 Resp: 240628

Ion Ratio Lower Upper

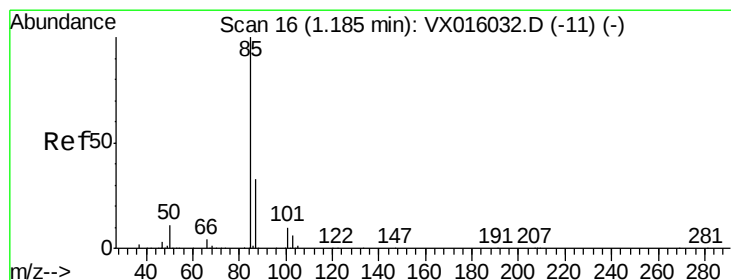
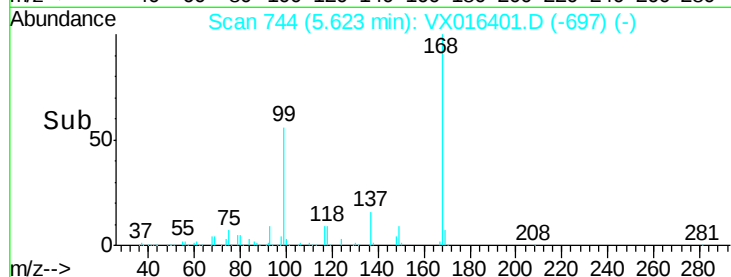
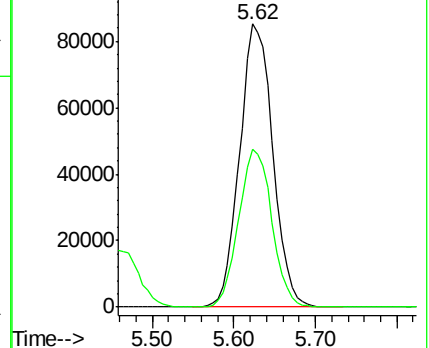
168 100

99 55.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.781 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016401.D

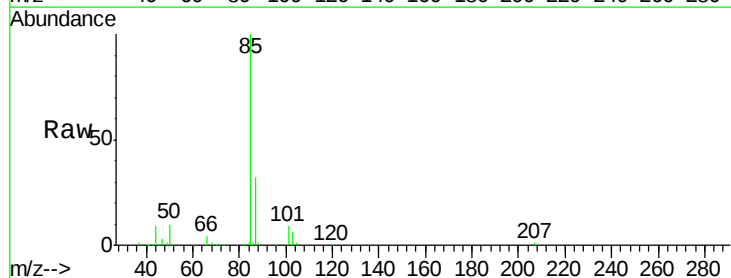
Acq: 22 May 2020 10:57

Tgt Ion: 85 Resp: 45287

Ion Ratio Lower Upper

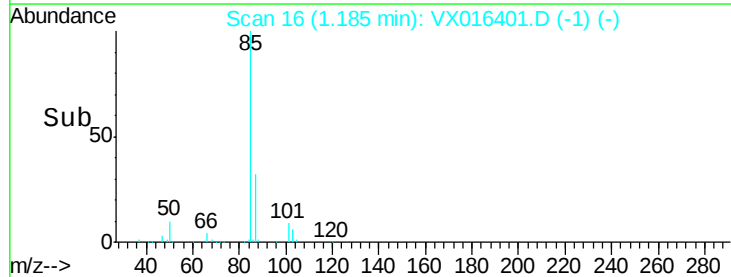
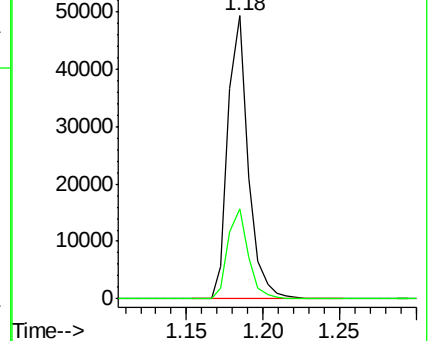
85 100

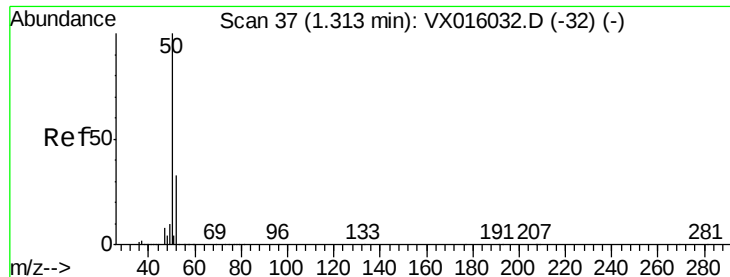
87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.961 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

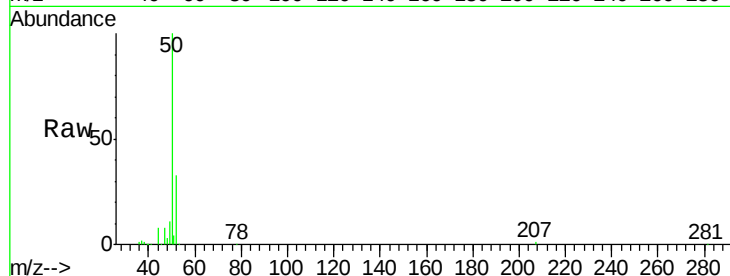
ClientSampled :

Tot Ion: 50 Resp: 50170

Ion Ratio Lower Upper

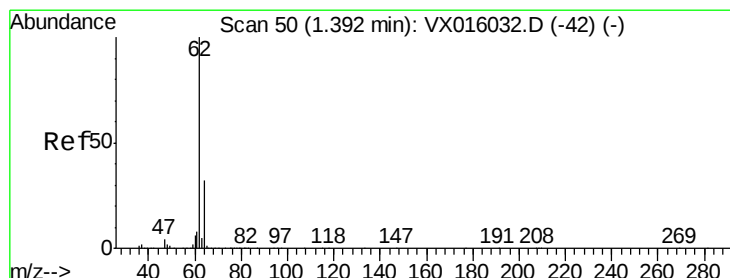
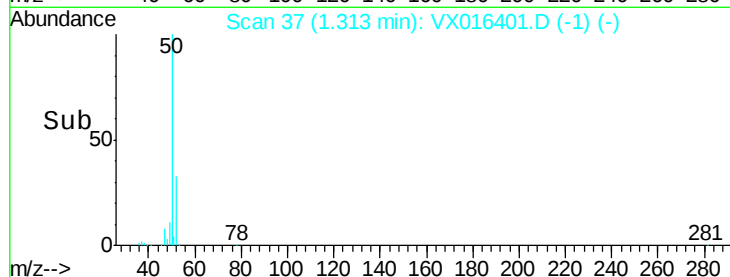
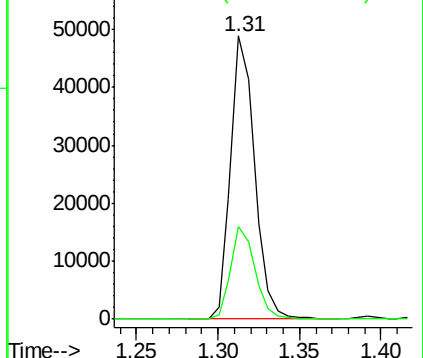
50 100

52 32.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.192 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016401.D

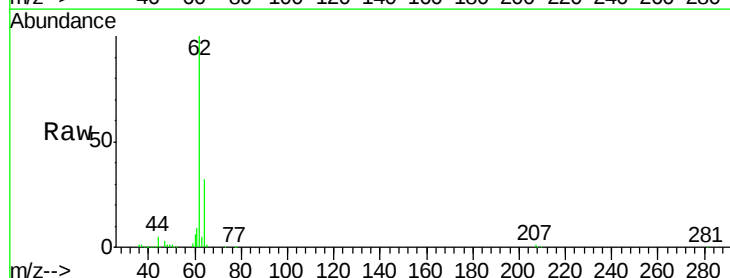
Acq: 22 May 2020 10:57

Tgt Ion: 62 Resp: 54254

Ion Ratio Lower Upper

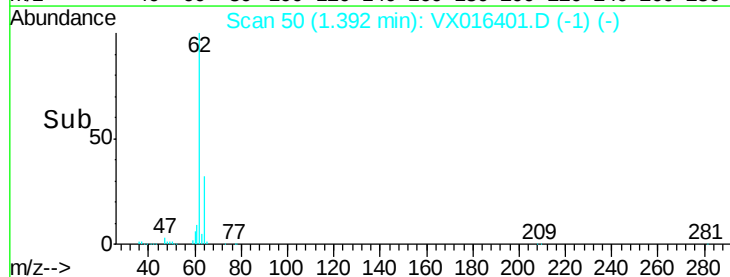
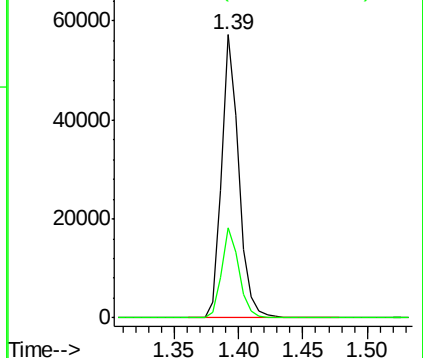
62 100

64 31.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.816 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

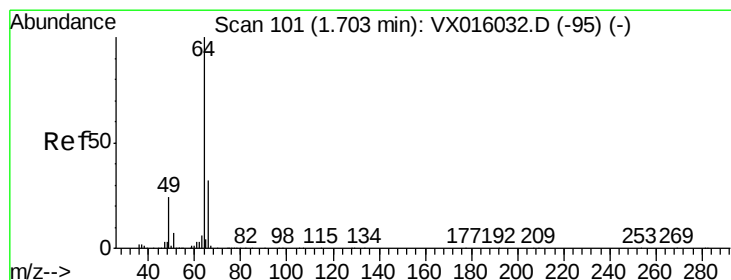
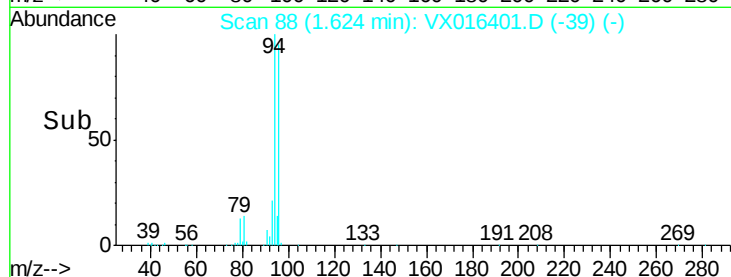
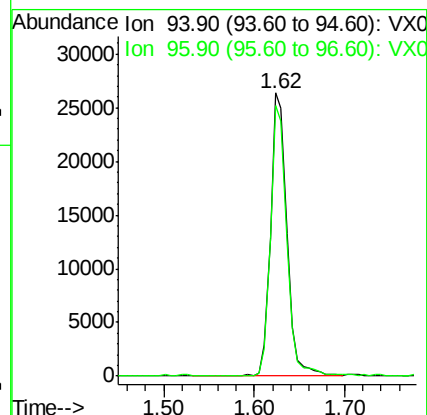
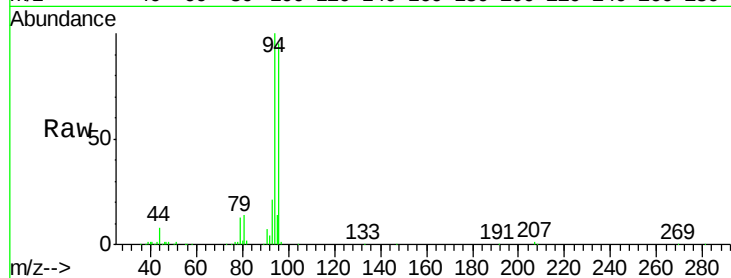
ClientSampleId :

Tot Ion: 94 Resp: 33117

Ion Ratio Lower Upper

94 100

96 95.2 76.9 115.3



#6

Chloroethane

Concen: 16.922 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016401.D

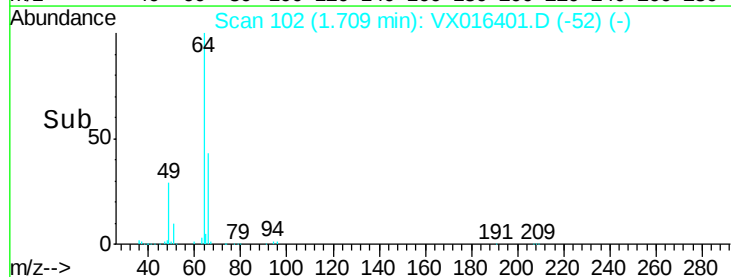
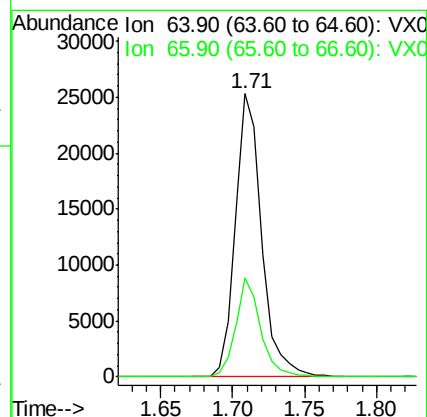
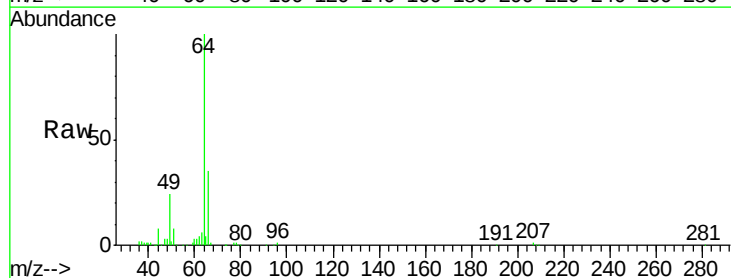
Acq: 22 May 2020 10:57

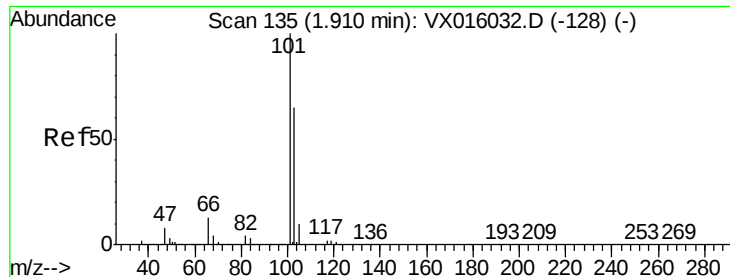
Tgt Ion: 64 Resp: 32492

Ion Ratio Lower Upper

64 100

66 35.0 25.2 37.8



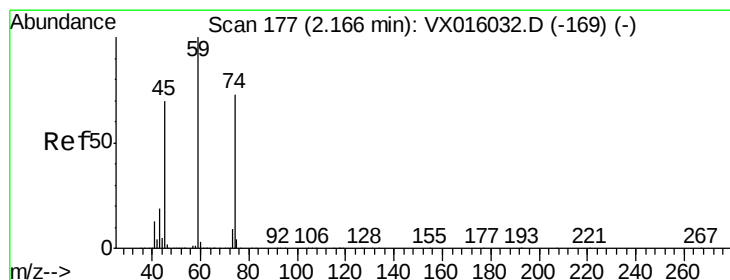
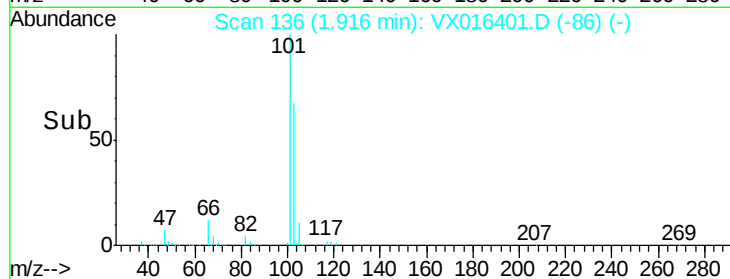
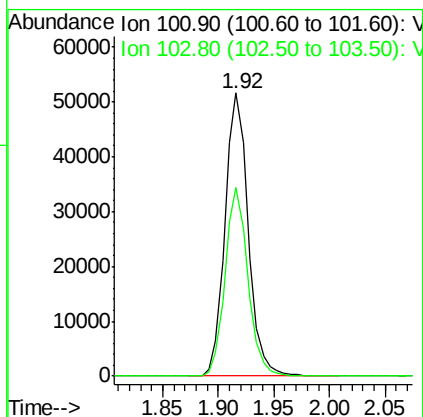
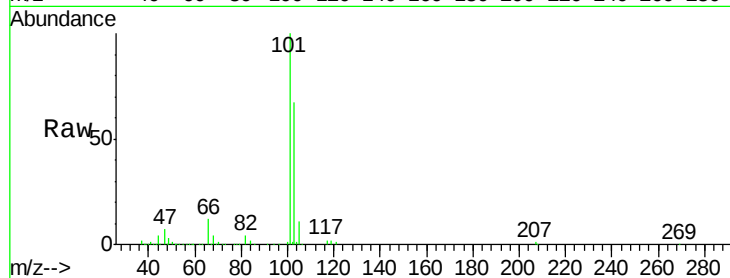


#7

Trichlorofluoromethane
Concen: 17.936 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

Instrument :
MSVOA_X
ClientSampleId :

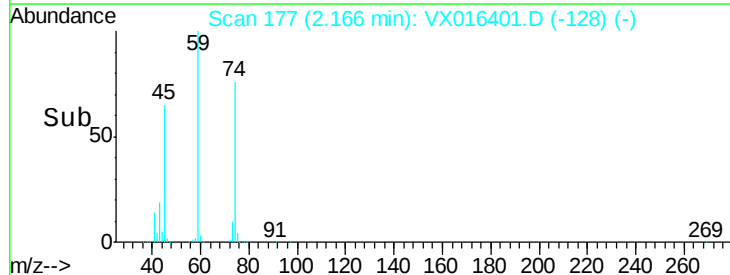
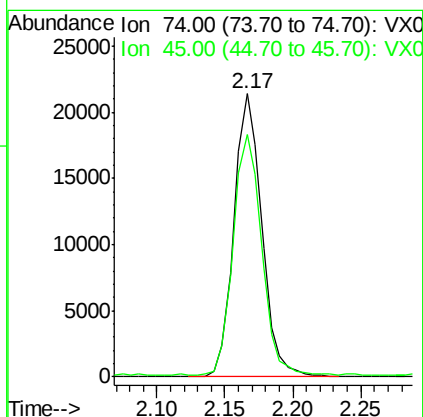
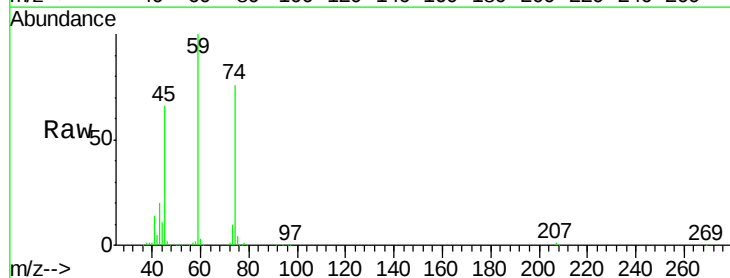
Tot Ion:101 Resp: 74311
Ion Ratio Lower Upper
101 100
103 66.7 51.8 77.6

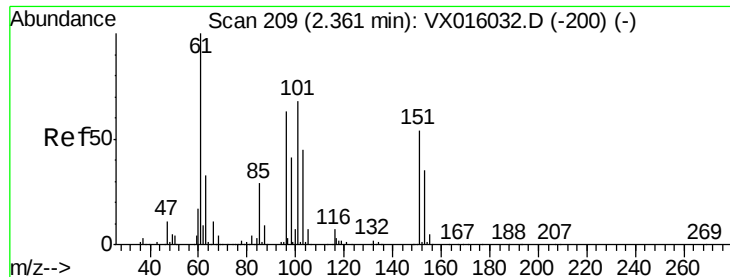


#8

Diethyl Ether
Concen: 17.489 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

Tgt Ion: 74 Resp: 30530
Ion Ratio Lower Upper
74 100
45 87.6 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.287 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampleId :

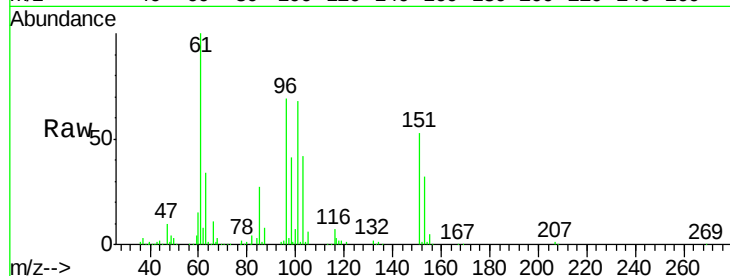
Tot Ion:101 Resp: 43712

Ion Ratio Lower Upper

101 100

85 40.9 34.2 51.4

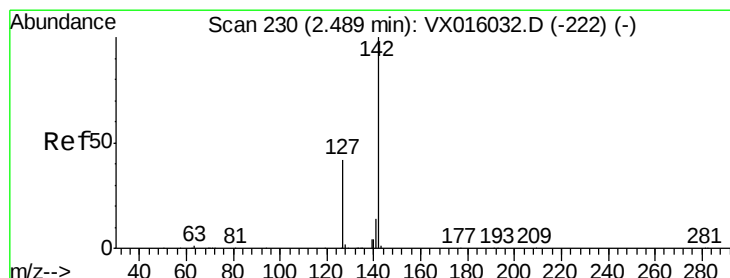
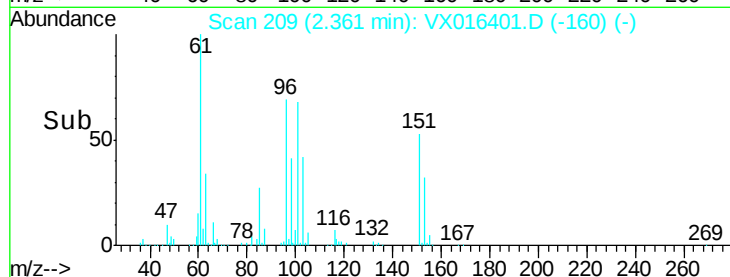
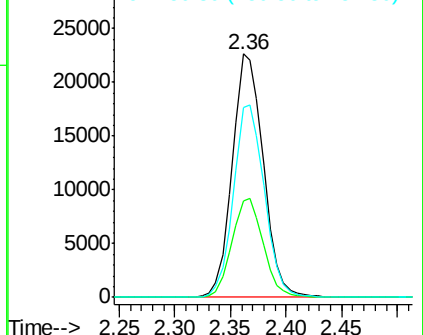
151 79.0 62.1 93.1



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: 11.227 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

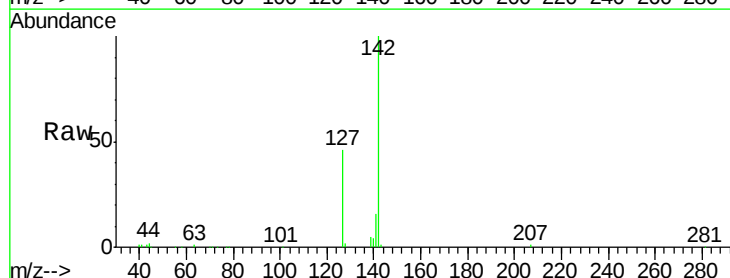
Tgt Ion:142 Resp: 36045

Ion Ratio Lower Upper

142 100

127 44.2 34.6 52.0

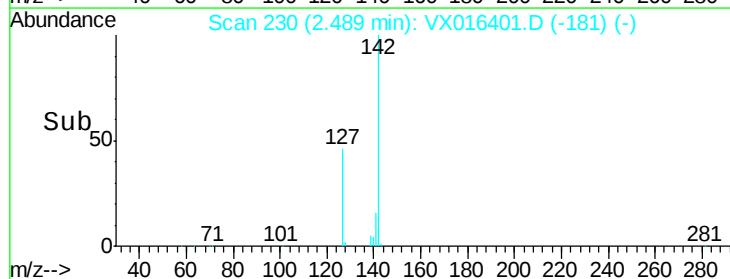
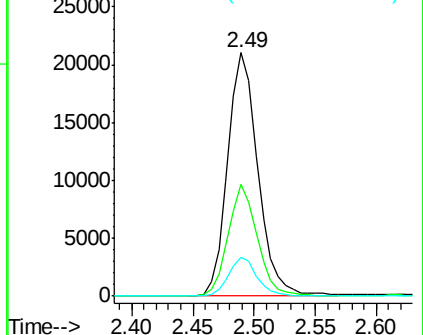
141 15.0 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



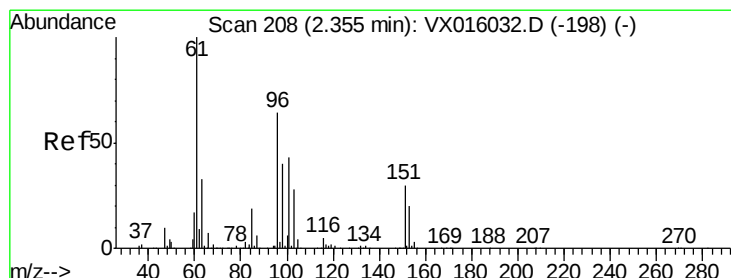
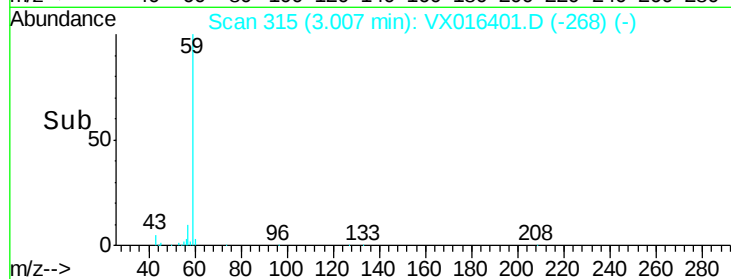
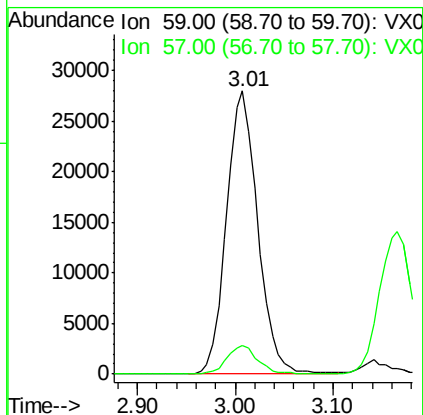
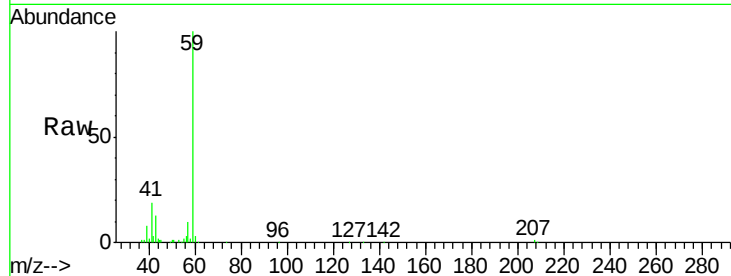


#11

Tert butyl alcohol
 Concen: 77.567 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

Instrument :
 MSVOA_X
 ClientSampleId :

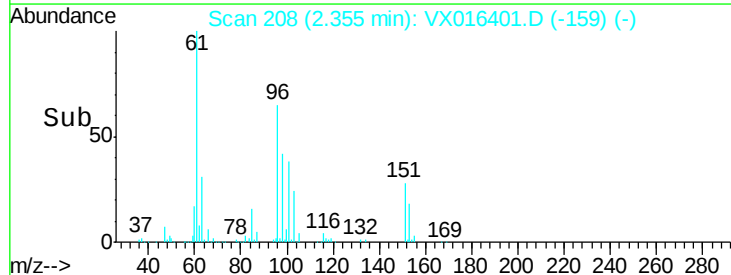
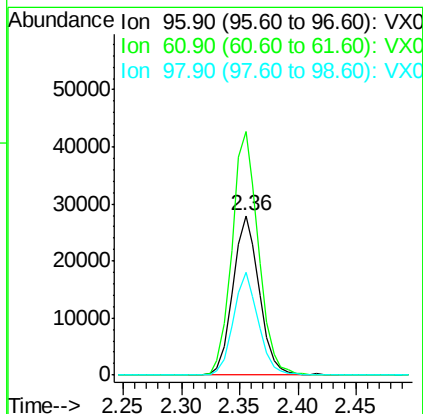
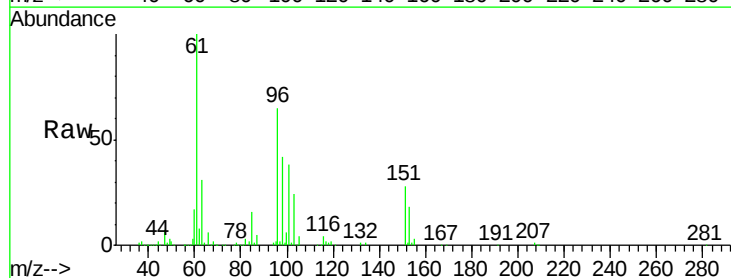
Tot Ion: 59 Resp: 62108
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

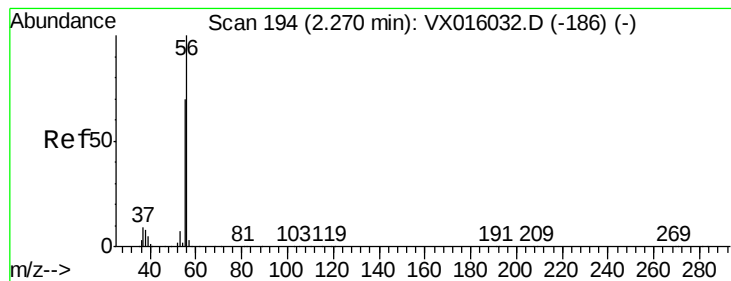


#12

1,1-Dichloroethene
 Concen: 17.680 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

Tgt Ion: 96 Resp: 44225
 Ion Ratio Lower Upper
 96 100
 61 152.9 124.8 187.2
 98 64.7 49.7 74.5





#13

Acrolein

Concen: 106.282 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

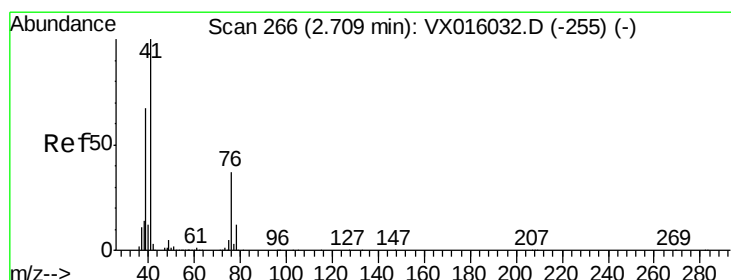
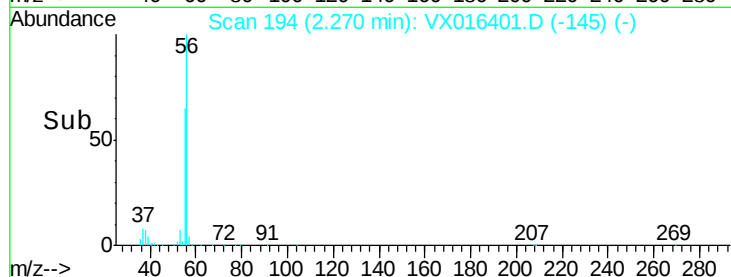
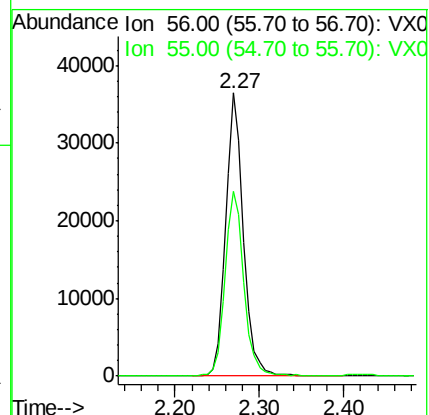
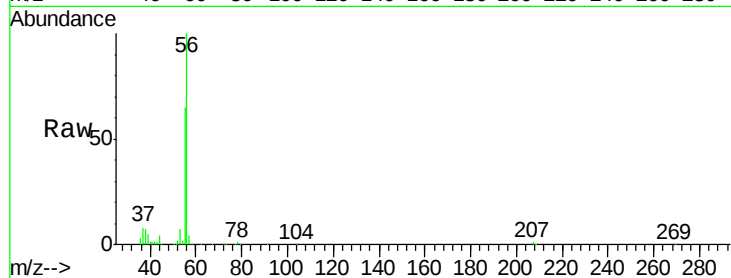
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 53253

Ion Ratio Lower Upper

56 100

55 69.3 56.5 84.7



#14

Allyl chloride

Concen: 15.748 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

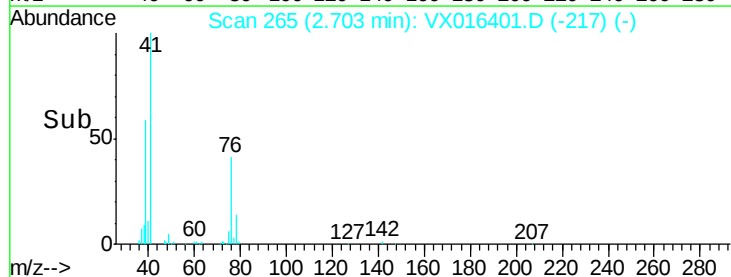
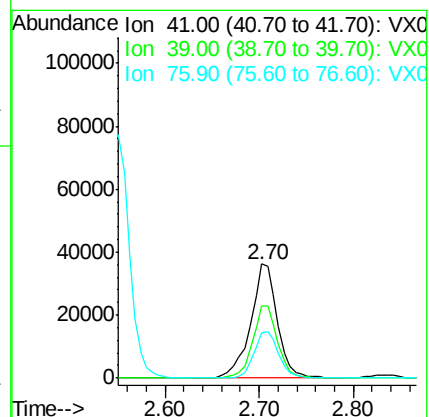
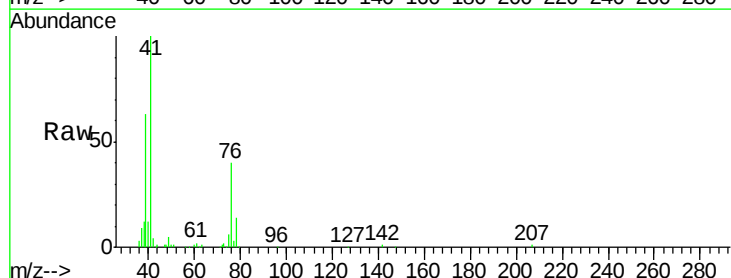
Tgt Ion: 41 Resp: 72225

Ion Ratio Lower Upper

41 100

39 59.3 50.5 75.7

76 37.7 26.6 40.0





#15

Acrylonitrile

Concen: 82.504 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampleId :

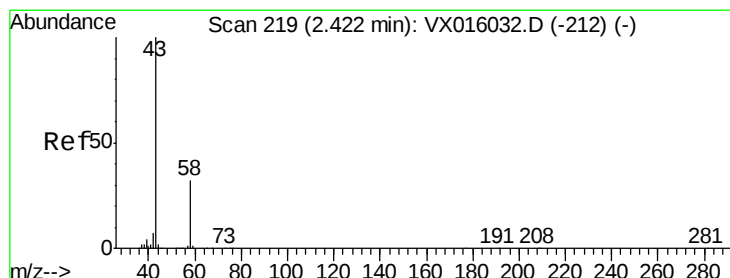
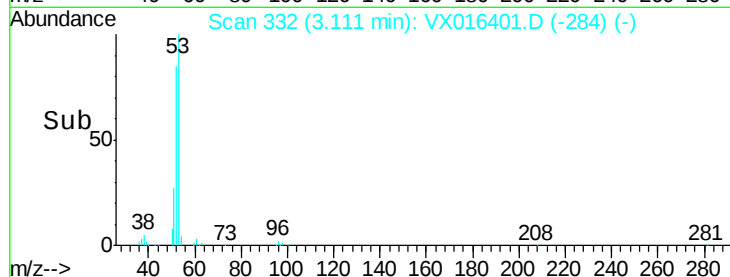
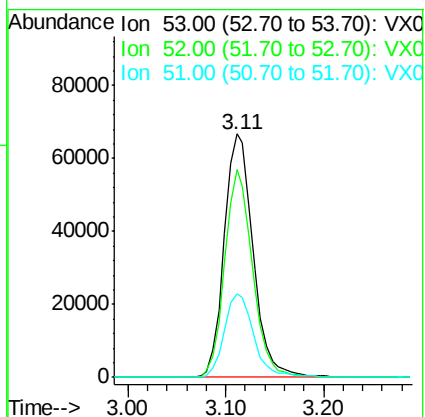
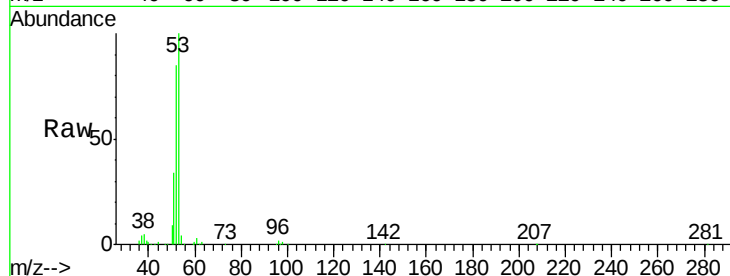
Tot Ion: 53 Resp: 137044

Ion Ratio Lower Upper

53 100

52 82.3 66.1 99.1

51 34.9 28.8 43.2



#16

Acetone

Concen: 76.060 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016401.D

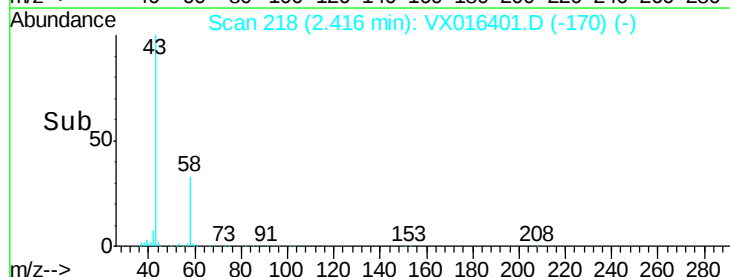
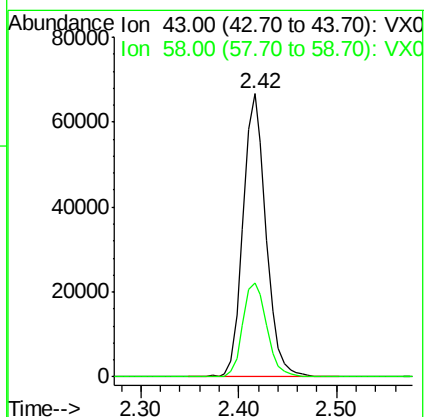
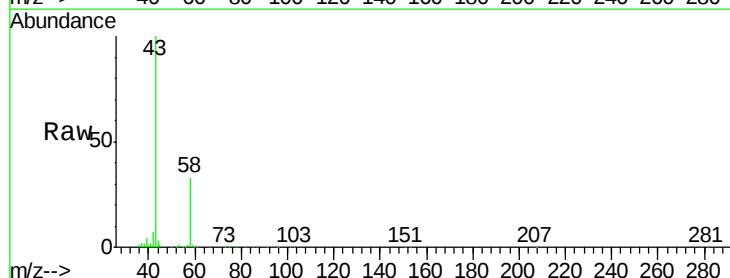
Acq: 22 May 2020 10:57

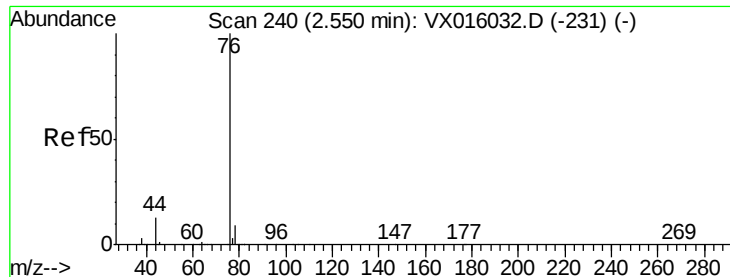
Tgt Ion: 43 Resp: 107459

Ion Ratio Lower Upper

43 100

58 33.2 25.4 38.0





#17

Carbon Disulfide

Concen: 16.296 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

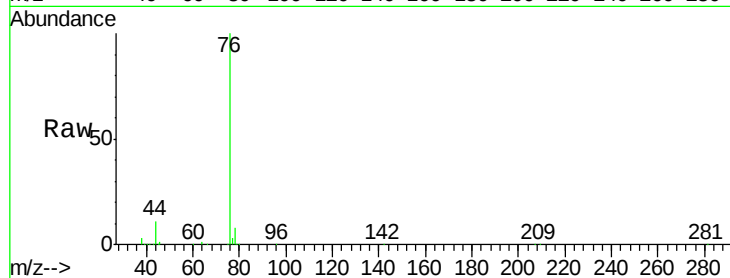
ClientSampleId :

Tot Ion: 76 Resp: 123459

Ion Ratio Lower Upper

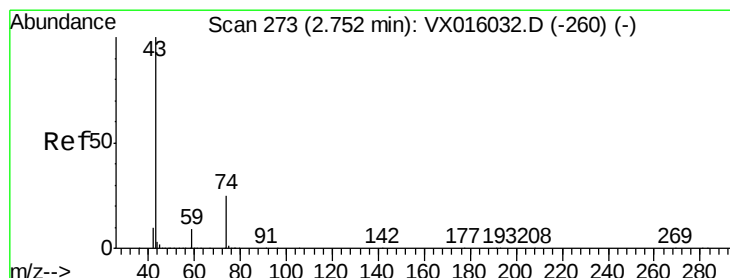
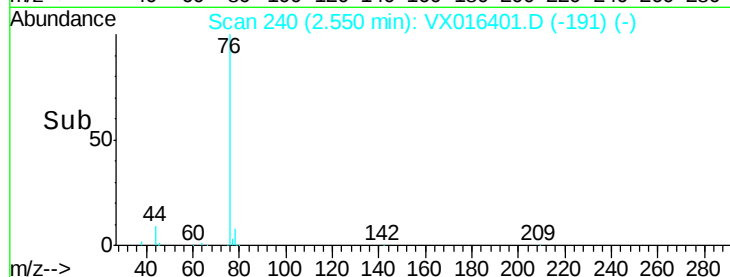
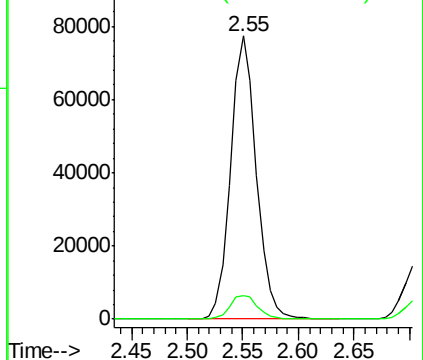
76 100

78 8.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 16.421 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016401.D

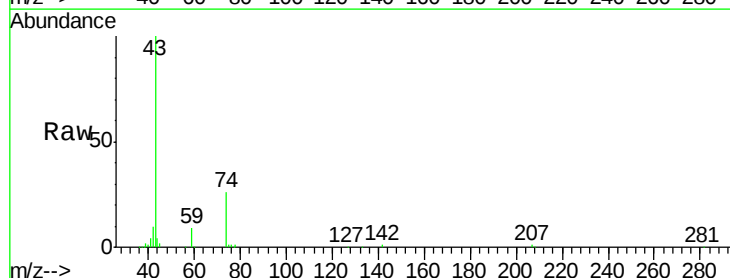
Acq: 22 May 2020 10:57

Tgt Ion: 43 Resp: 57043

Ion Ratio Lower Upper

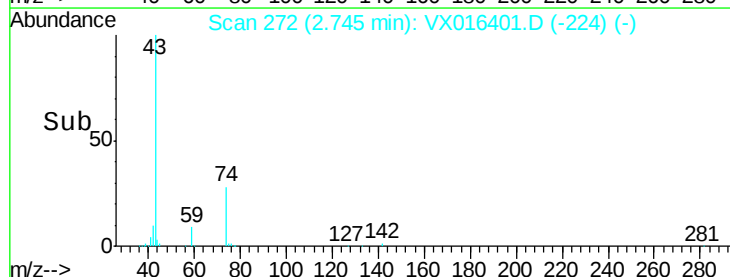
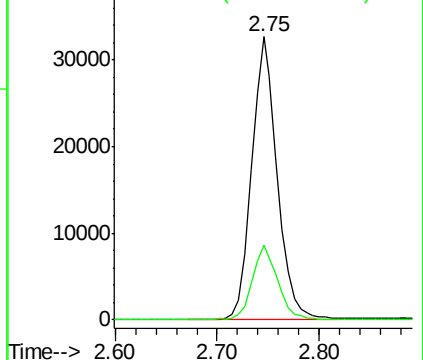
43 100

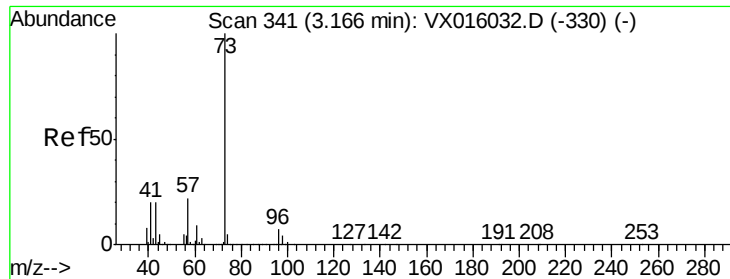
74 26.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

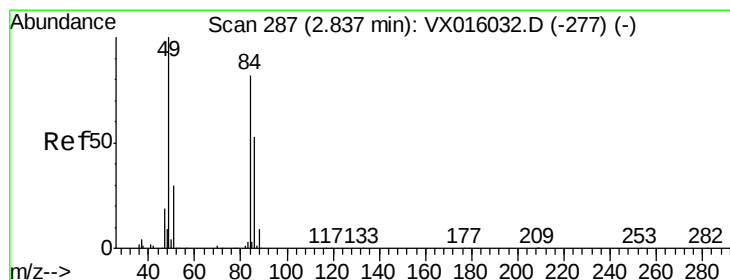
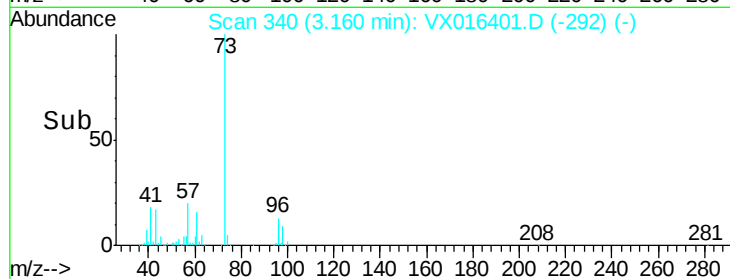
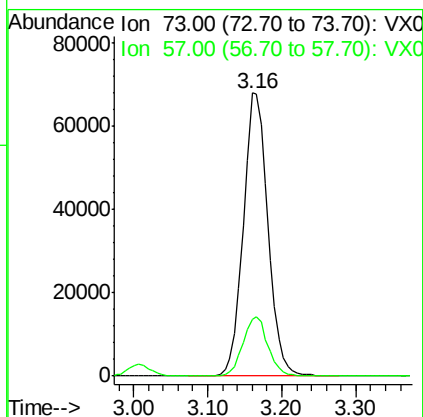
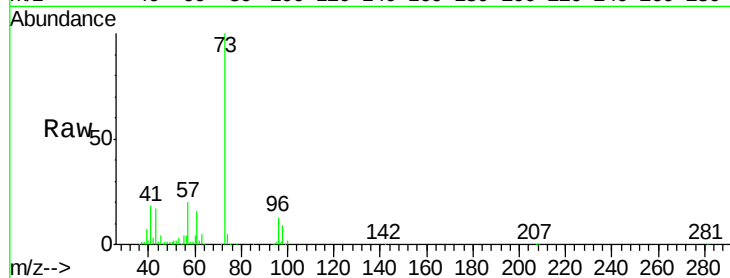




#19
Methyl tert-butyl Ether
Concen: 18.282 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

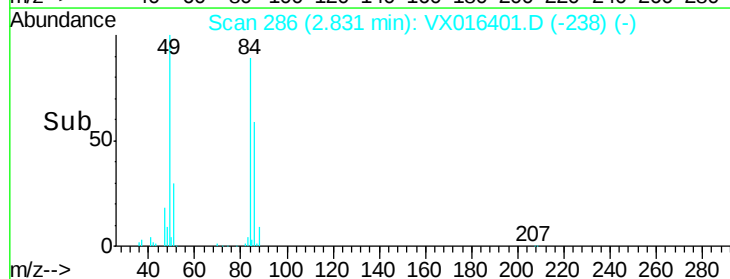
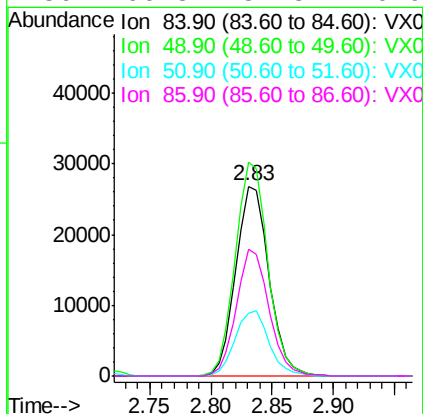
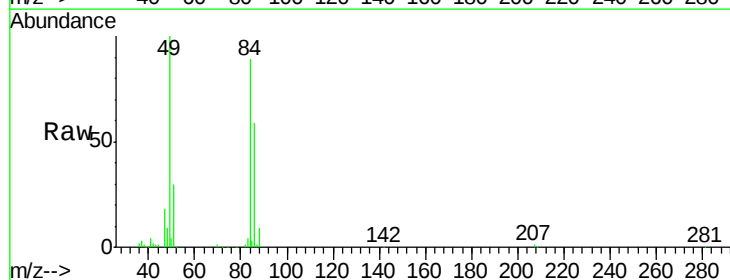
Instrument :
MSVOA_X
ClientSampleId :

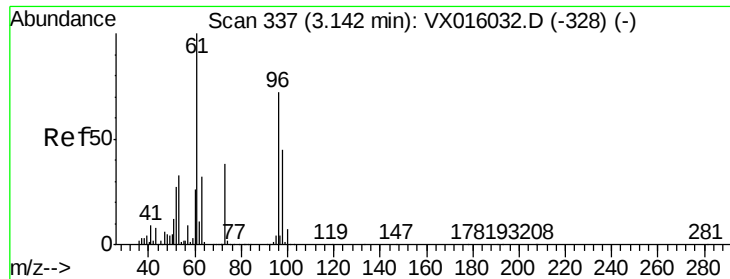
Tot Ion: 73 Resp: 157646
Ion Ratio Lower Upper
73 100
57 19.9 17.8 26.6



#20
Methylene Chloride
Concen: 17.363 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

Tgt Ion: 84 Resp: 50570
Ion Ratio Lower Upper
84 100
49 112.6 97.3 145.9
51 33.3 29.3 43.9
86 66.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.711 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :
MSVOA_X
ClientSampleId :

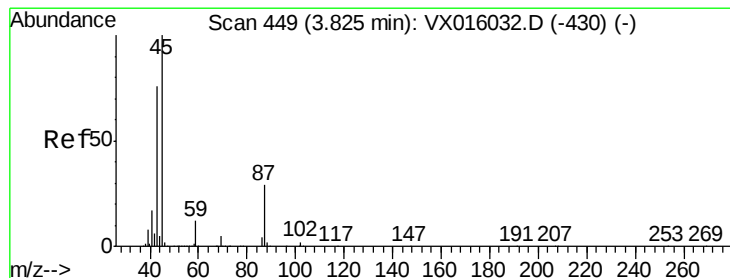
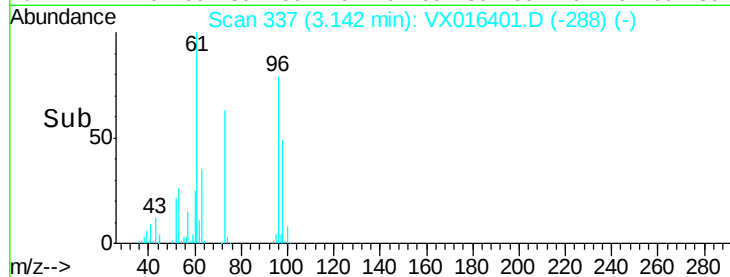
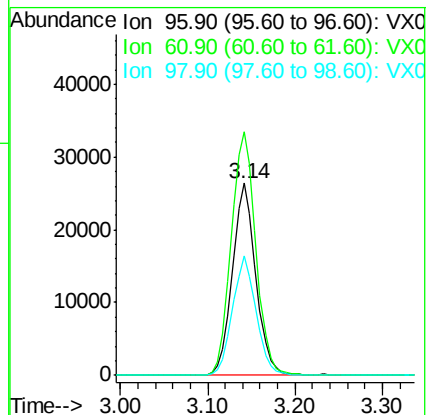
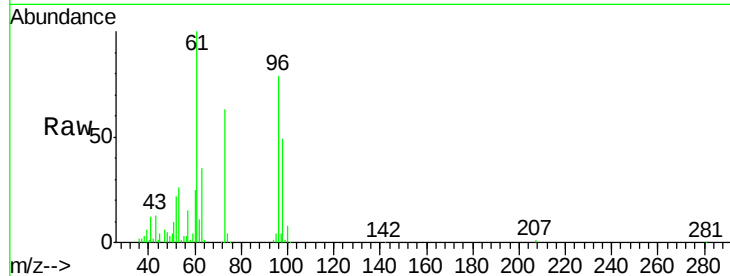
Tot Ion: 96 Resp: 49368

Ion Ratio Lower Upper

96 100

61 126.8 111.2 166.8

98 62.3 50.2 75.4



#22

Diisopropyl ether

Concen: 16.836 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Tgt Ion: 45 Resp: 145676

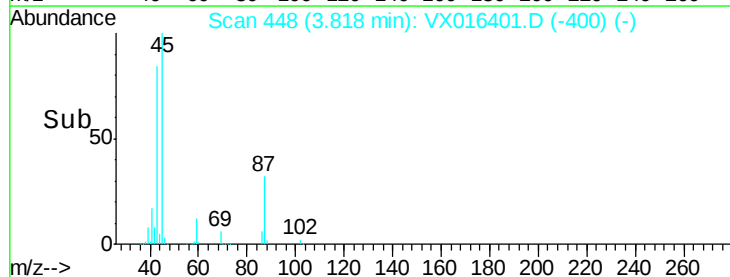
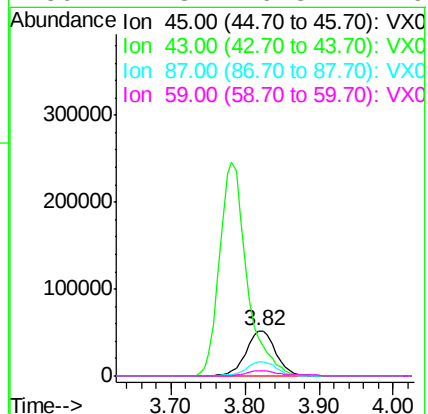
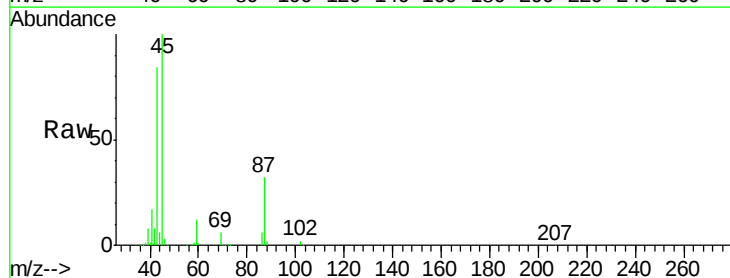
Ion Ratio Lower Upper

45 100

43 83.9 61.1 91.7

87 31.7 23.0 34.6

59 12.3 9.8 14.6





#23

Vinyl Acetate

Concen: 82.523 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

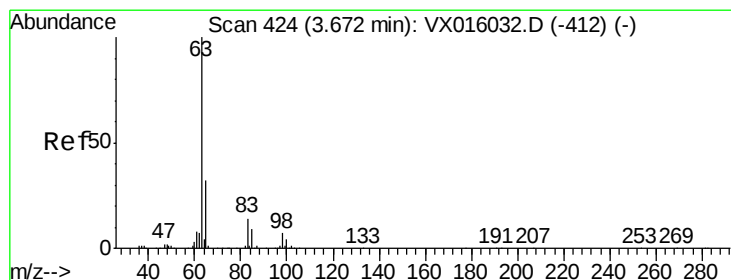
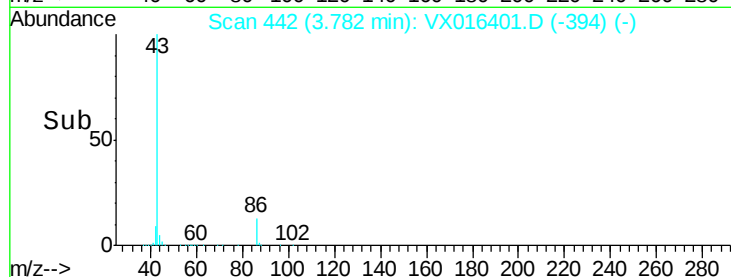
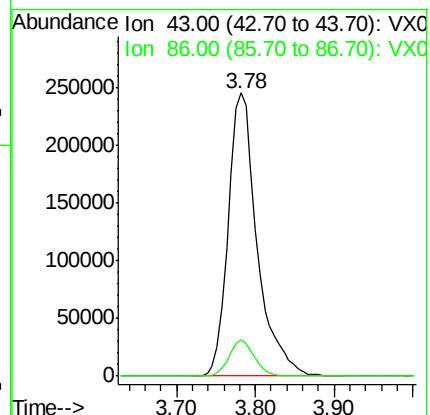
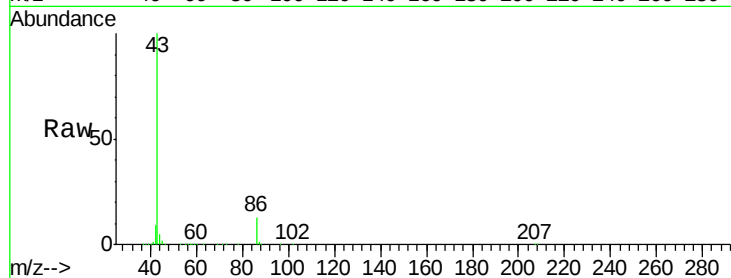
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 628191

Ion Ratio Lower Upper

43 100

86 13.0 9.0 13.4



#24

1,1-Dichloroethane

Concen: 17.956 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

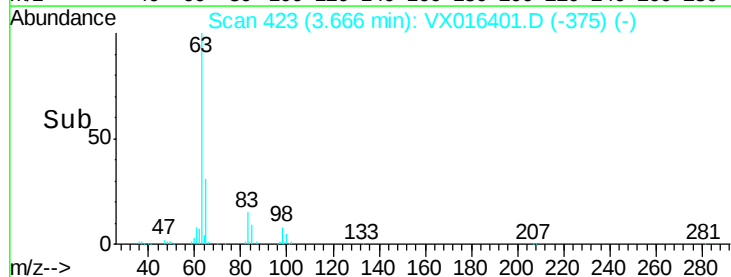
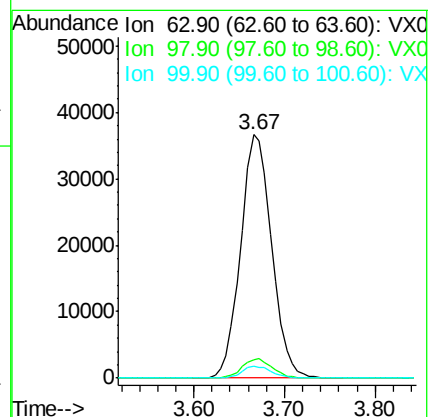
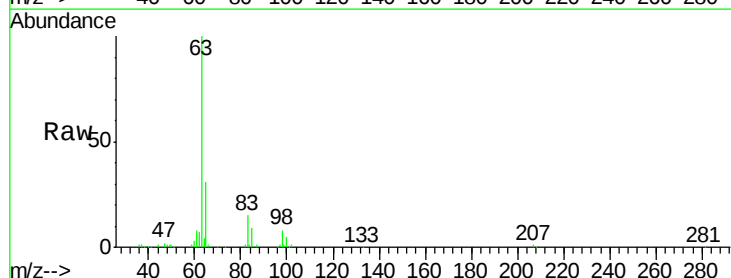
Tgt Ion: 63 Resp: 86909

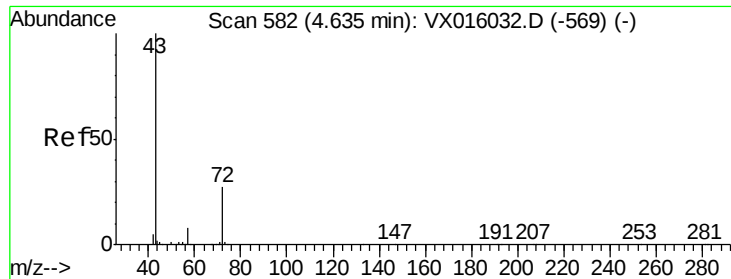
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 4.8 2.1 6.5

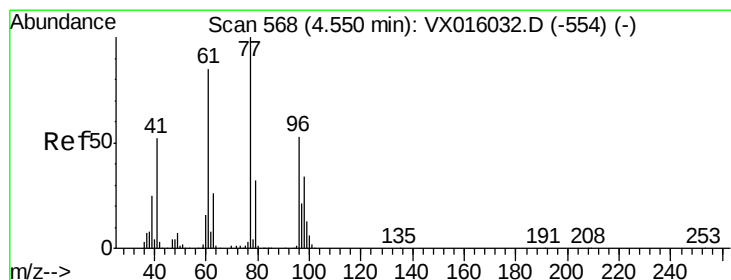
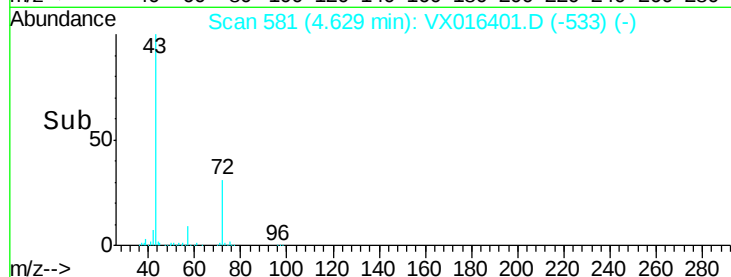
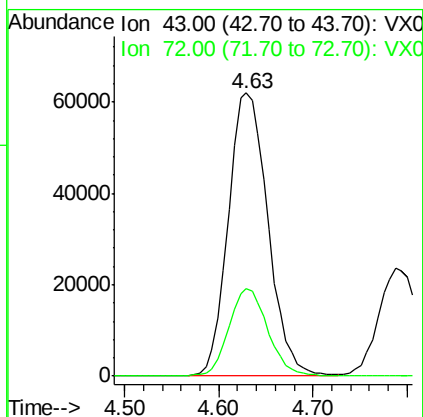
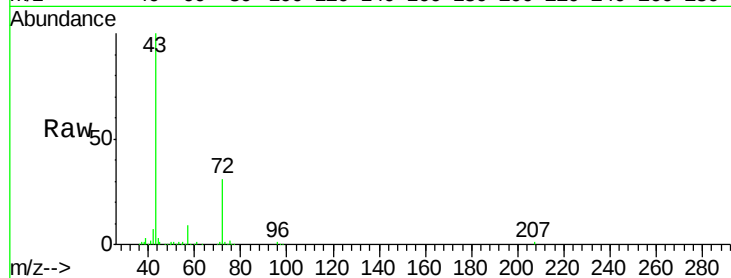




#25
2-Butanone
Concen: 79.747 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

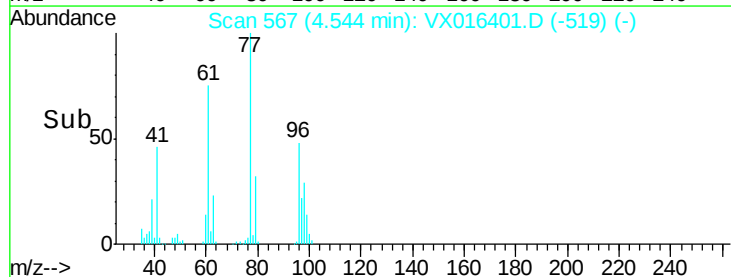
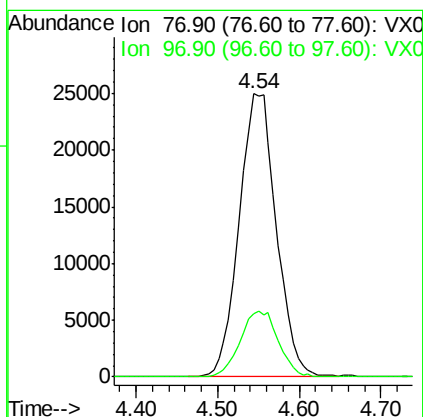
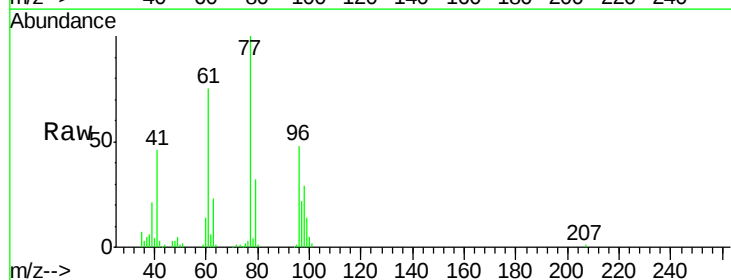
Instrument :
MSVOA_X
ClientSampled :

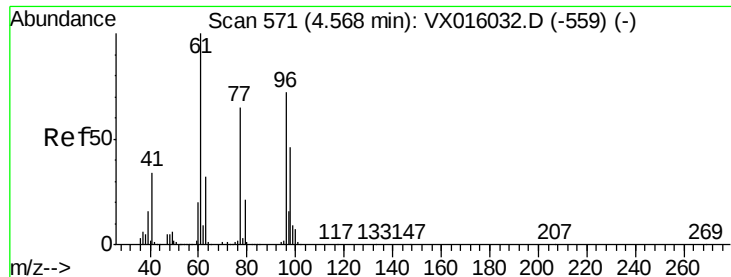
Tot Ion: 43 Resp: 181554
Ion Ratio Lower Upper
43 100
72 30.8 21.8 32.8



#26
2,2-Dichloropropane
Concen: 17.896 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

Tgt Ion: 77 Resp: 79107
Ion Ratio Lower Upper
77 100
97 23.9 11.2 33.6



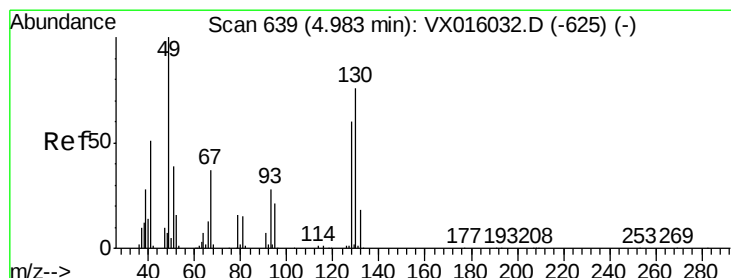
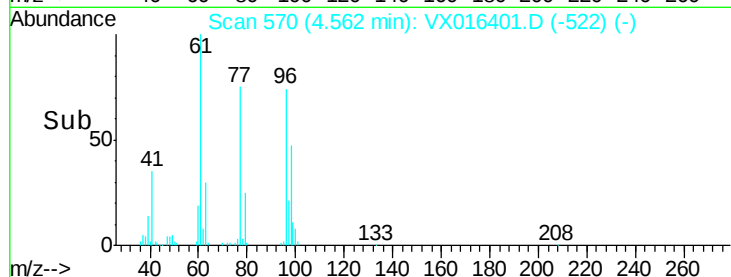
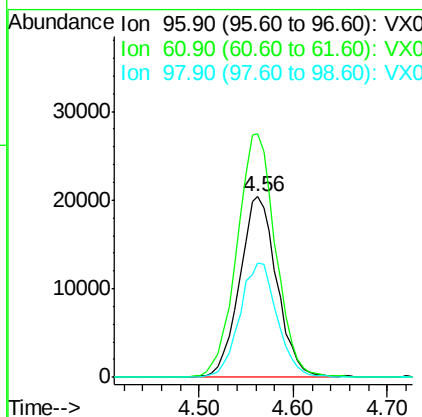
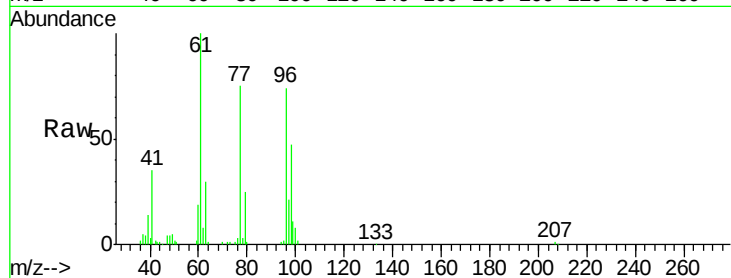


#27

cis-1,2-Dichloroethene
Concen: 18.531 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

Instrument :
MSVOA_X
ClientSampleId :

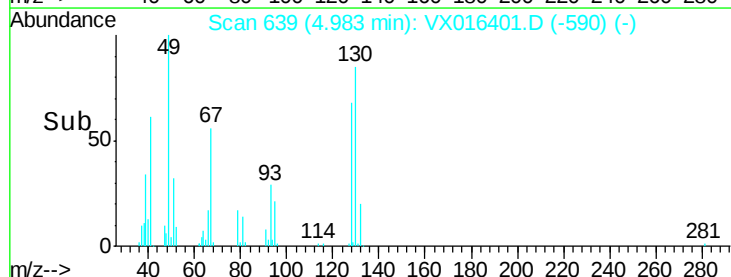
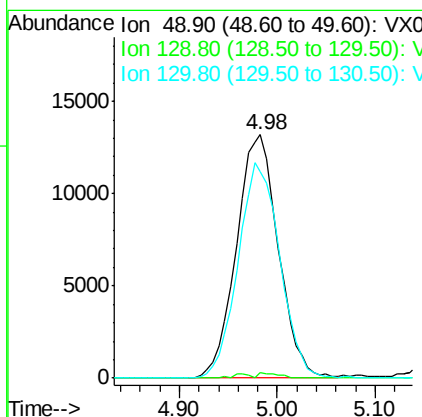
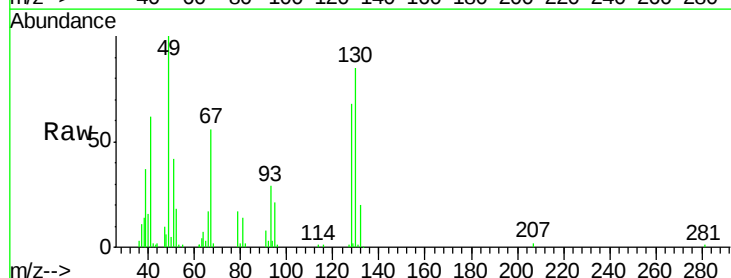
Tot Ion	96	Resp	56471
Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	296.2
98	63.5	0.0	129.4

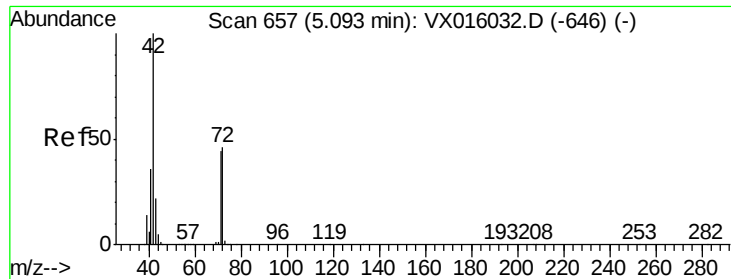


#28

Bromochloromethane
Concen: 17.768 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

Tgt Ion	49	Resp	39214
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.0
130	88.1	62.4	93.6





#29

Tetrahydrofuran

Concen: 80.271 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampleId :

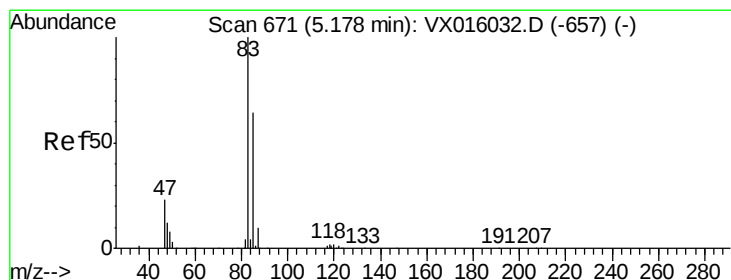
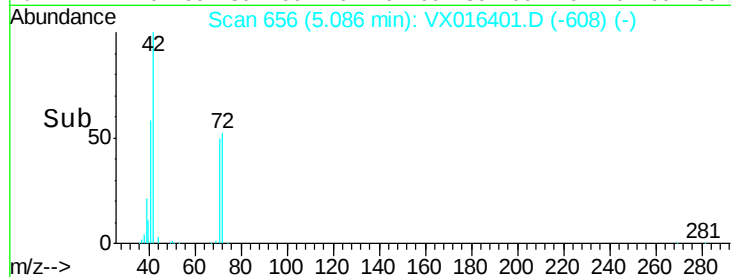
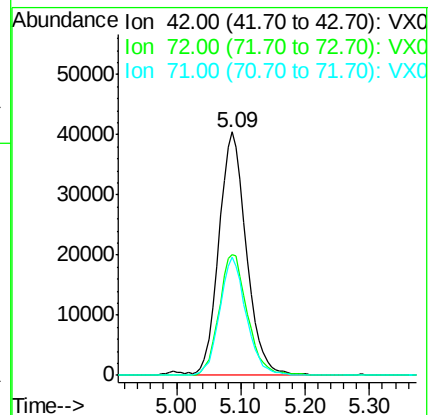
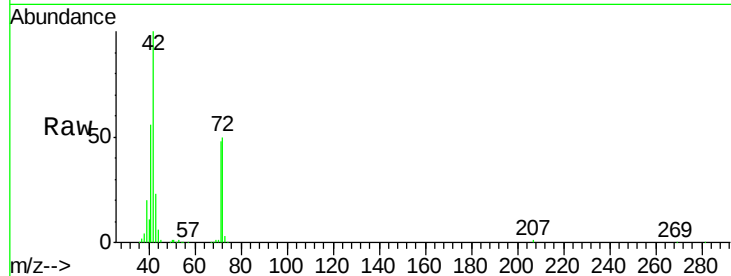
Tot Ion: 42 Resp: 121089

Ion Ratio Lower Upper

42 100

72 51.6 37.1 55.7

71 47.2 34.5 51.7



#30

Chloroform

Concen: 18.580 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016401.D

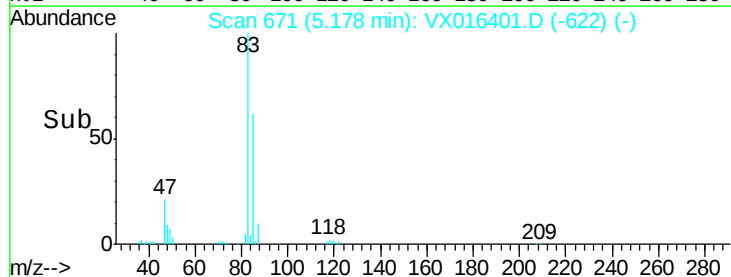
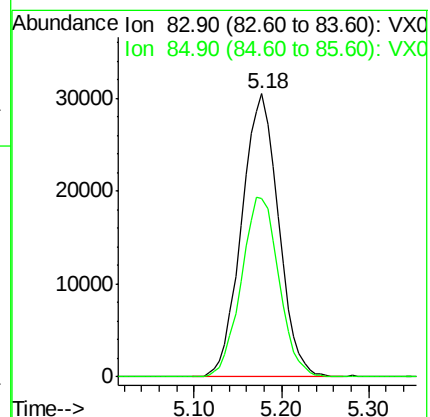
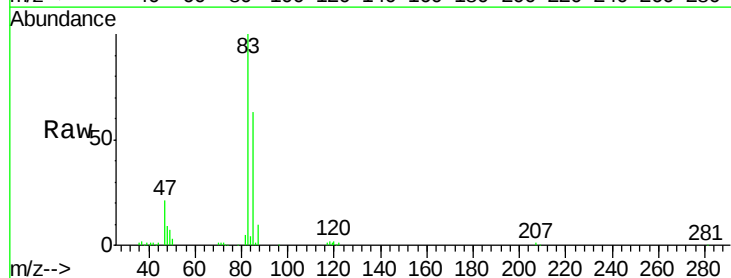
Acq: 22 May 2020 10:57

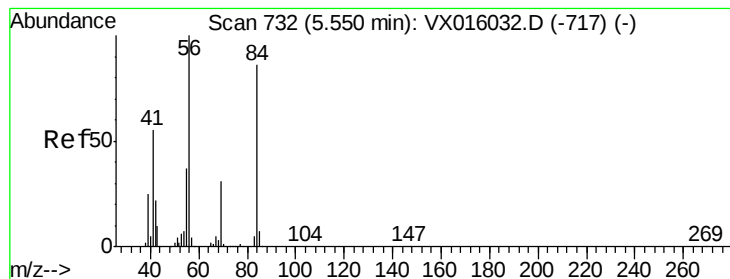
Tgt Ion: 83 Resp: 89541

Ion Ratio Lower Upper

83 100

85 63.1 51.6 77.4





#31

Cyclohexane

Concen: 16.891 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampleId :

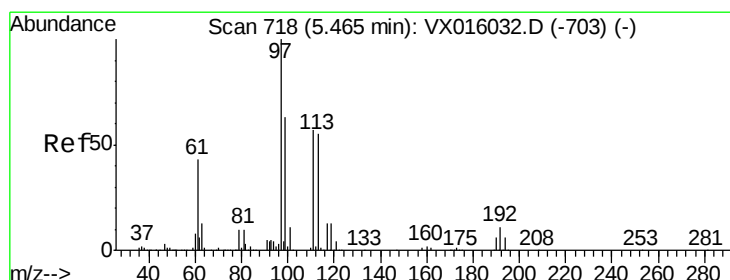
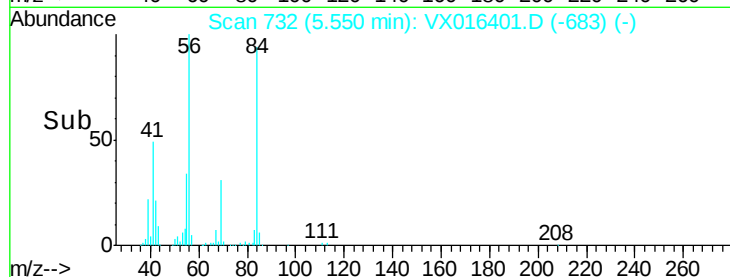
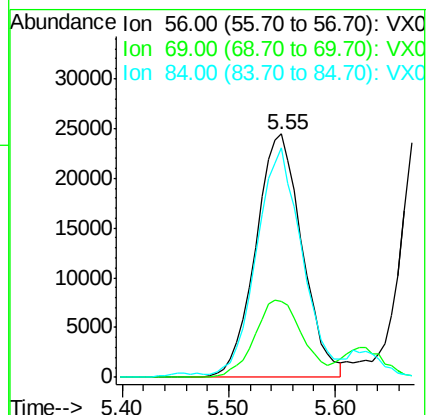
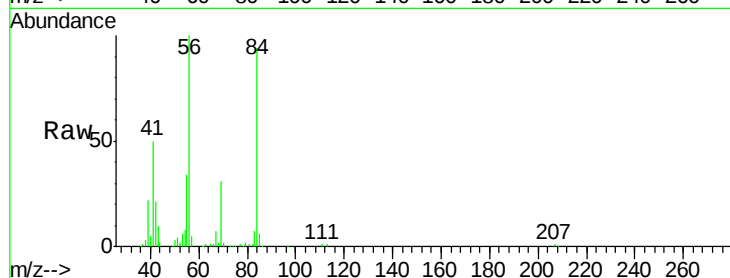
Tot Ion: 56 Resp: 74301

Ion Ratio Lower Upper

56 100

69 30.6 25.0 37.6

84 93.0 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 18.756 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

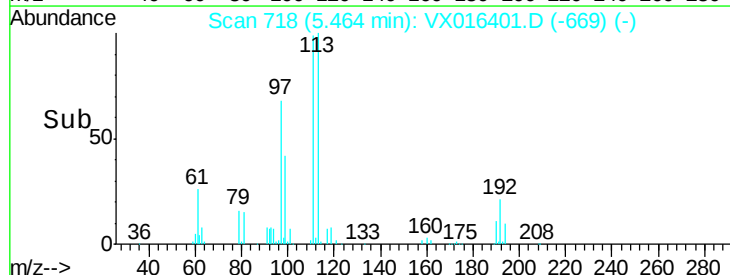
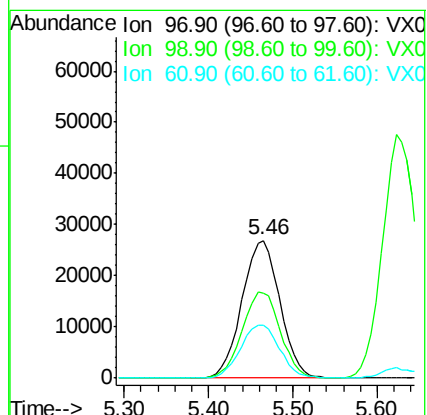
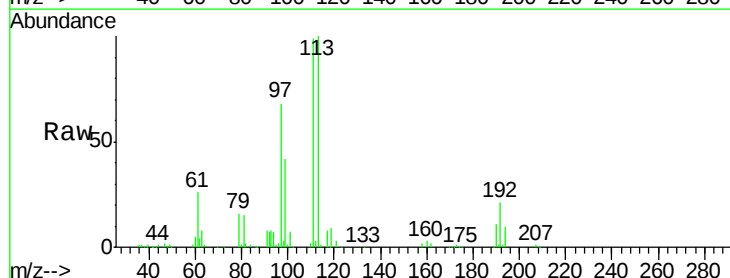
Tgt Ion: 97 Resp: 82161

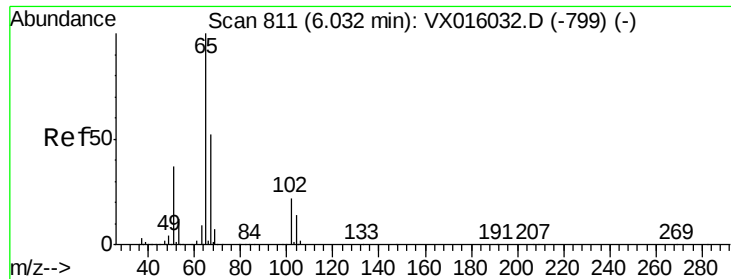
Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.4

61 39.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 42.194 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

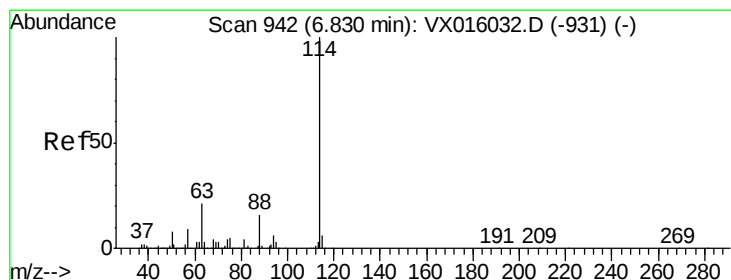
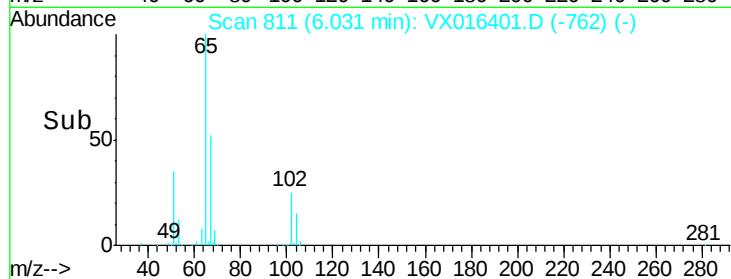
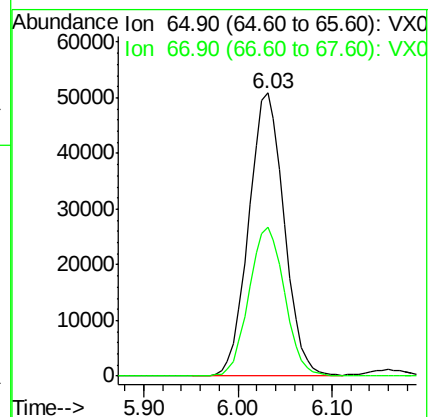
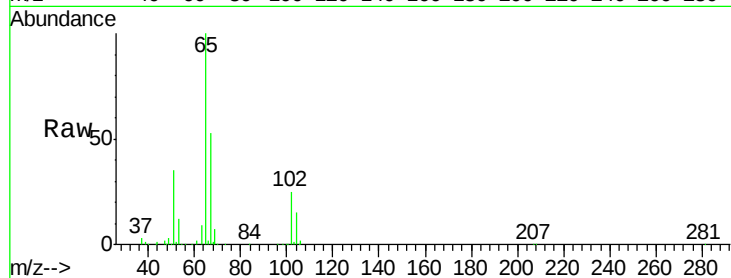
ClientSampleId :

Tot Ion: 65 Resp: 133605

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

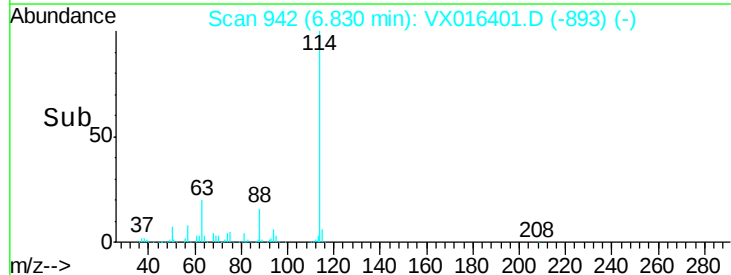
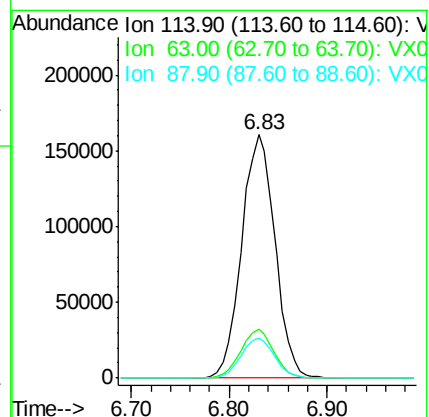
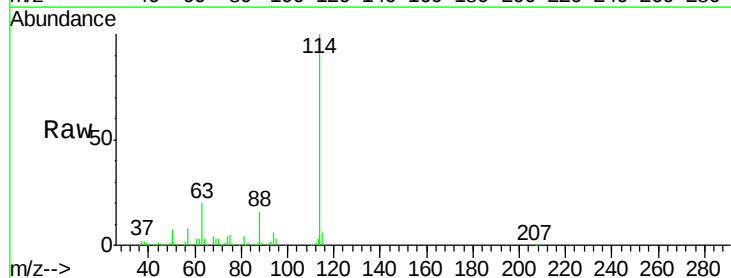
Tgt Ion: 114 Resp: 379373

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 16.3 0.0 31.4

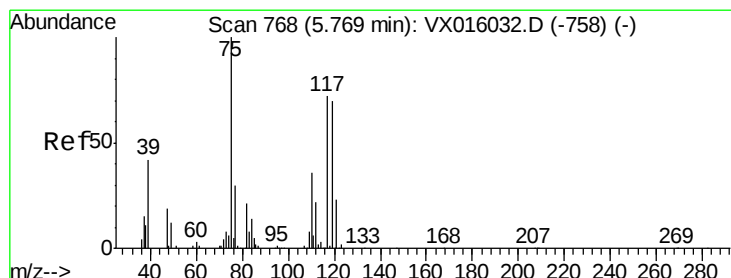
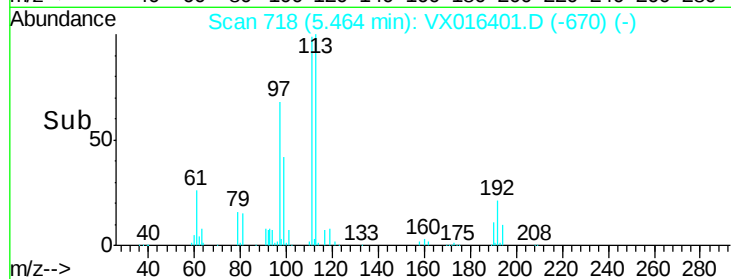
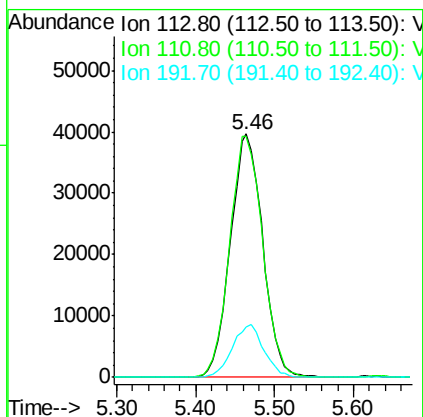
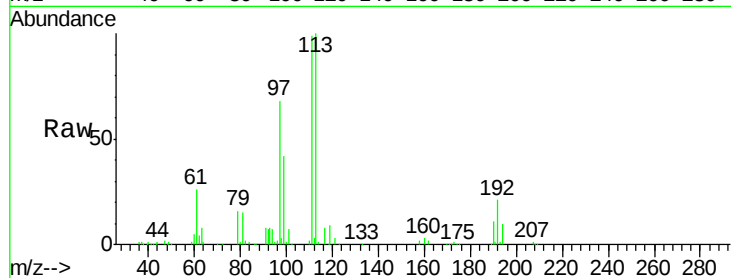




#35
 Dibromofluoromethane
 Concen: 47.142 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

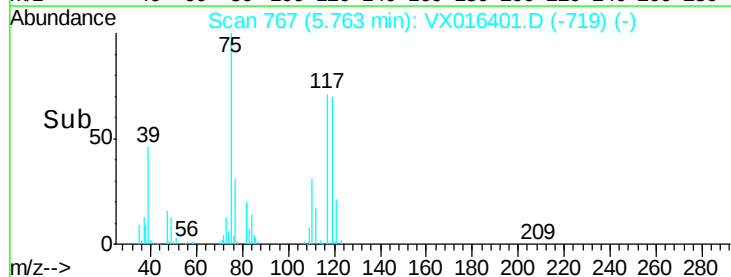
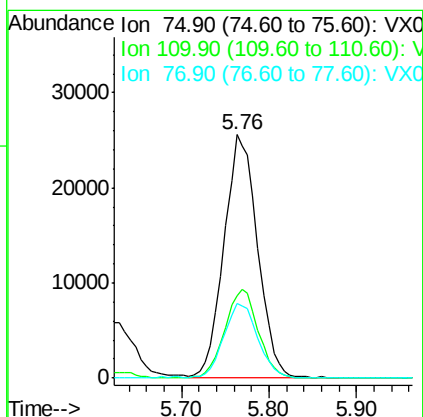
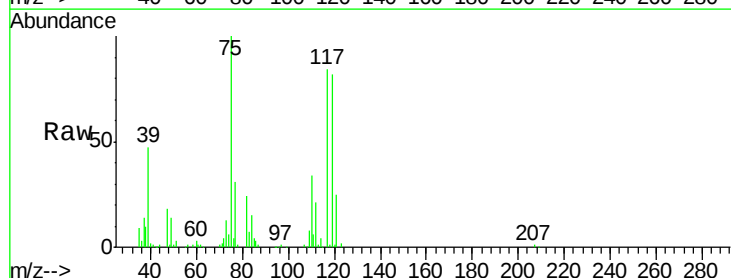
Instrument :
 MSVOA_X
 ClientSampleId :

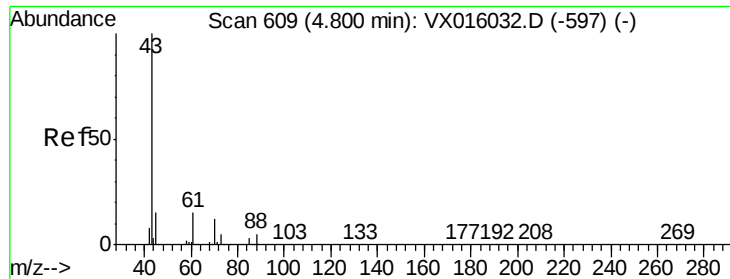
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.6	122.4
192	21.1	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 18.169 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.1	54.1
77	31.4	25.0	37.6

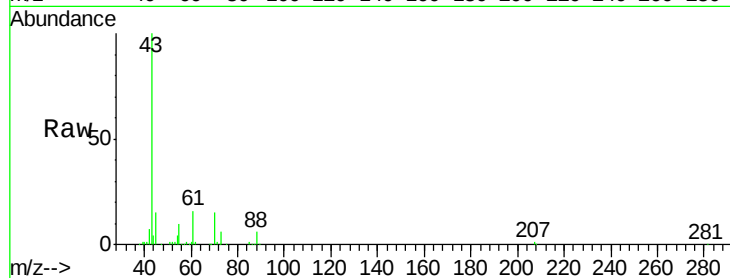




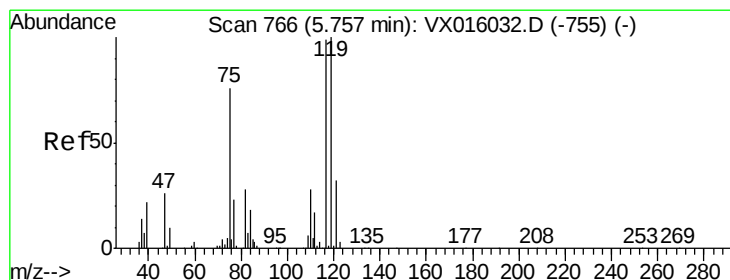
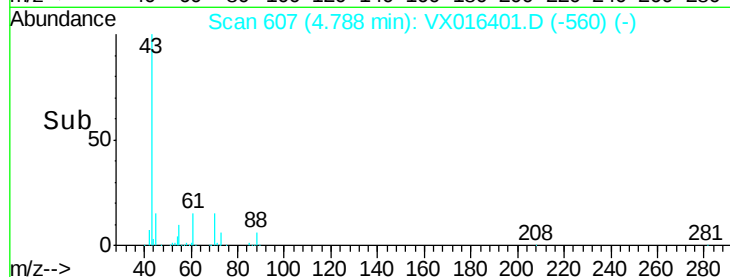
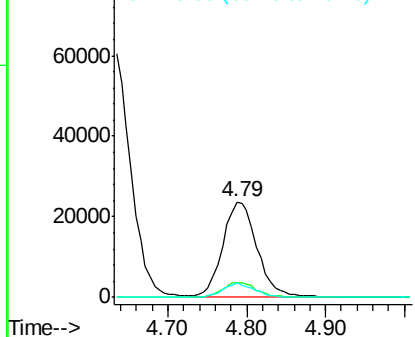
#37
Ethyl Acetate
Concen: 16.361 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 70816
Ion Ratio Lower Upper
43 100
61 15.8 11.7 17.5
70 13.7 9.3 13.9

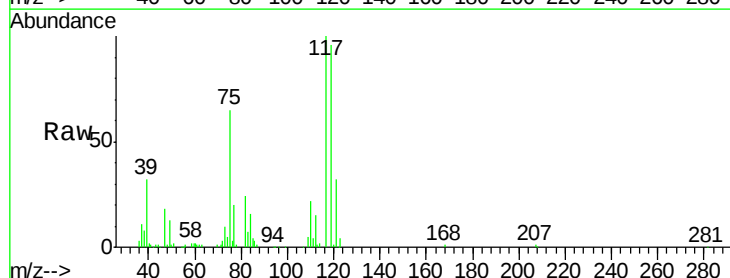


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

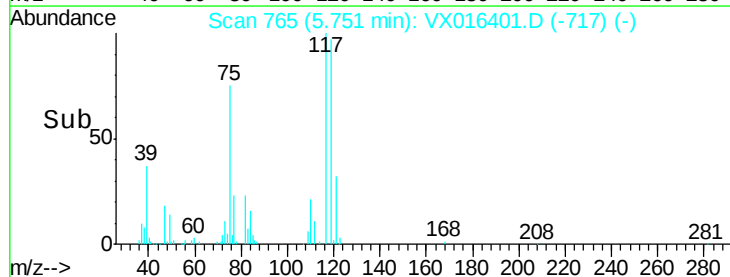
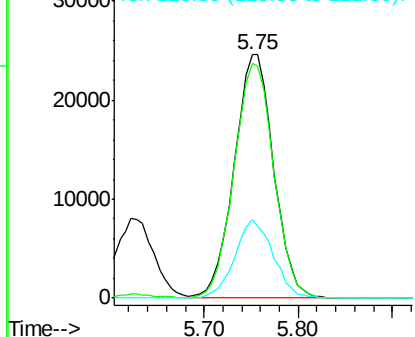


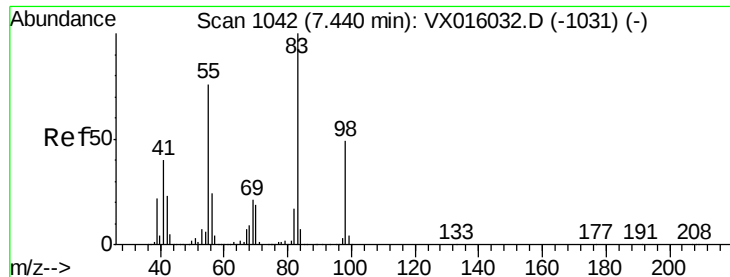
#38
Carbon Tetrachloride
Concen: 18.960 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

Tgt Ion: 117 Resp: 71966
Ion Ratio Lower Upper
117 100
119 96.4 80.3 120.5
121 32.1 25.7 38.5



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

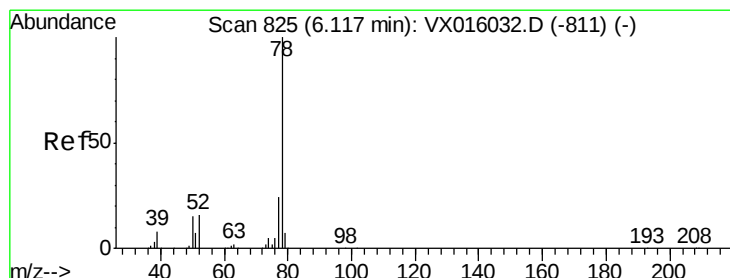
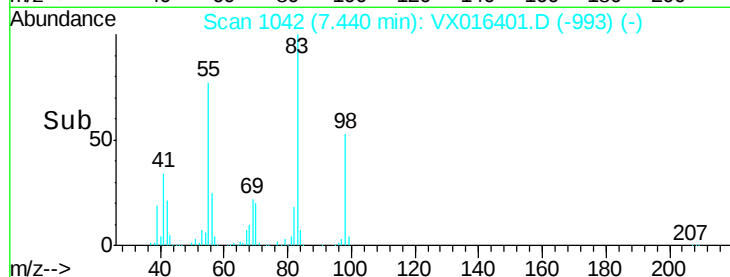
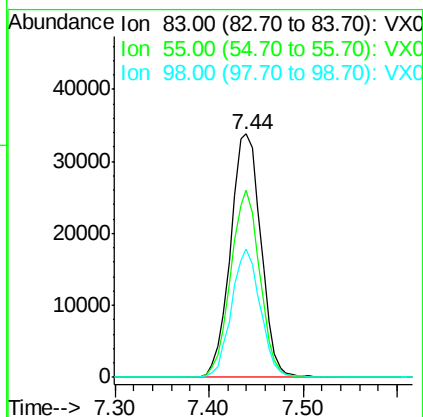
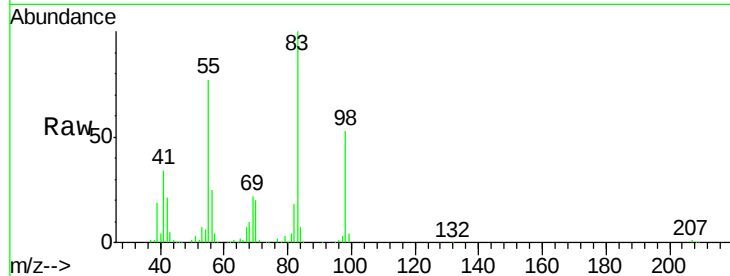




#39
Methvlcvclohexane
Concen: 16.933 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

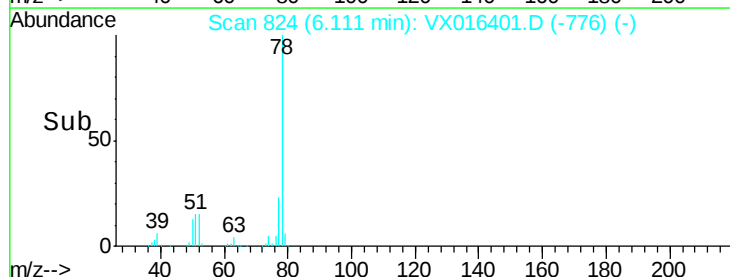
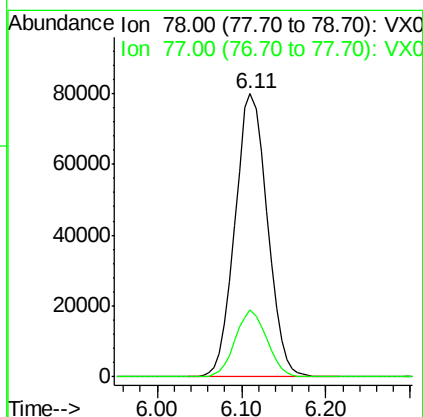
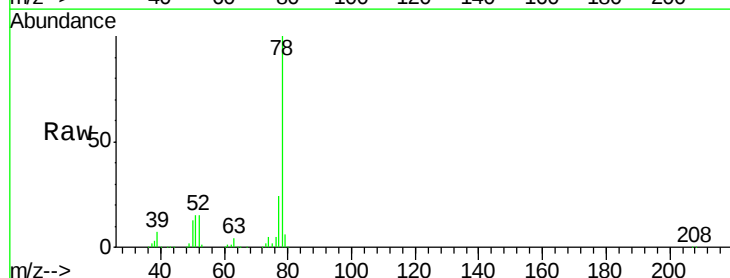
Instrument :
MSVOA_X
ClientSampled :

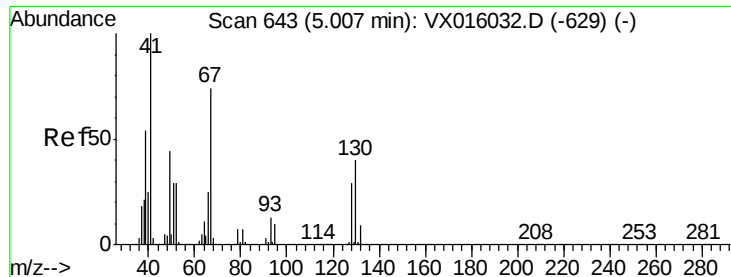
Tot Ion: 83 Resp: 76150
Ion Ratio Lower Upper
83 100
55 77.0 61.1 91.7
98 52.7 39.0 58.4



#40
Benzene
Concen: 19.004 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

Tgt Ion: 78 Resp: 207652
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41

Methacrylonitrile

Concen: 16.511 ug/l

RT: 5.00 min Scan# 642

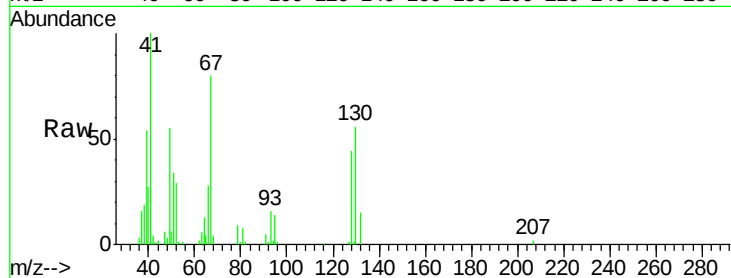
Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	38594
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.2	64.8
67	82.9	59.3	88.9
52	30.2	23.5	35.3

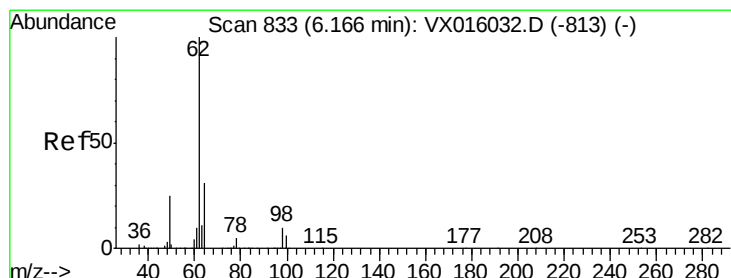
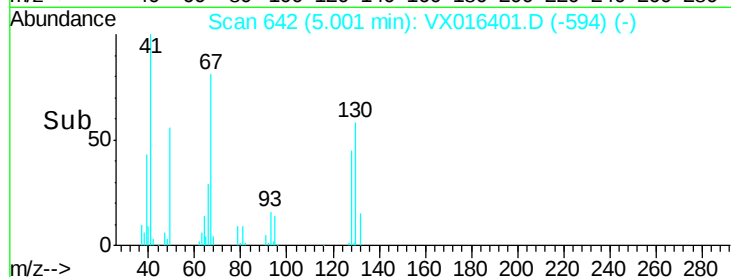
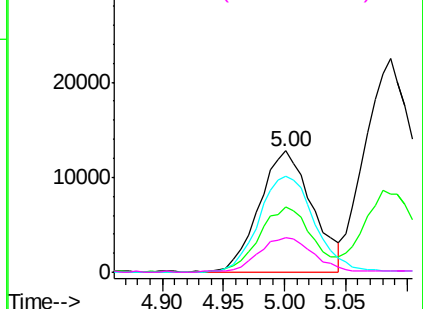


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 17.438 ug/l

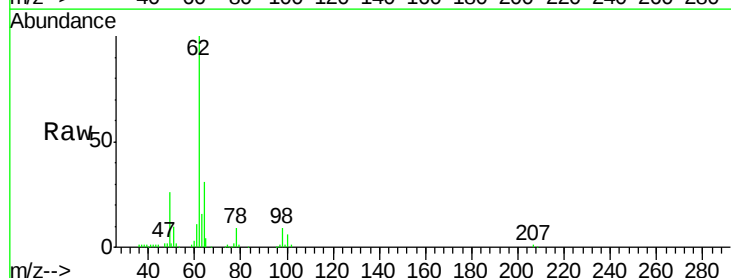
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016401.D

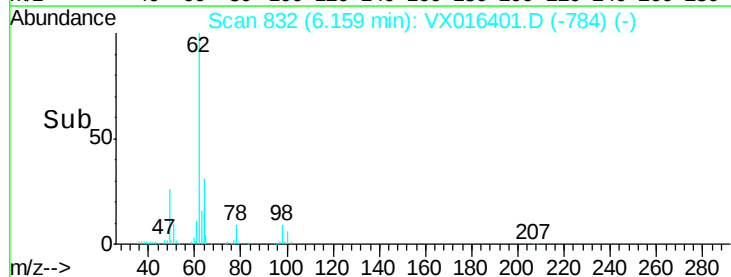
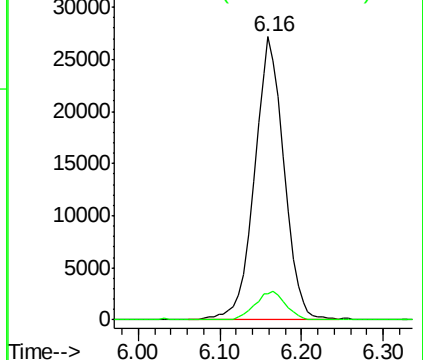
Acq: 22 May 2020 10:57

Tgt Ion:	62	Resp:	68639
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



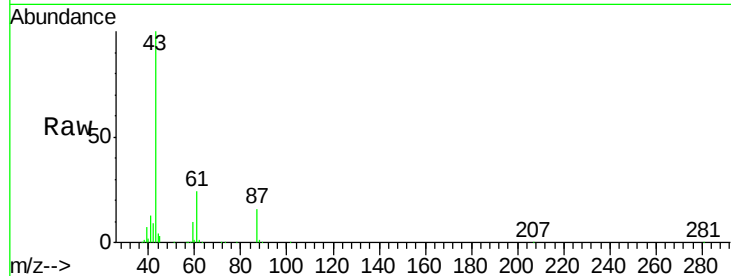


#43

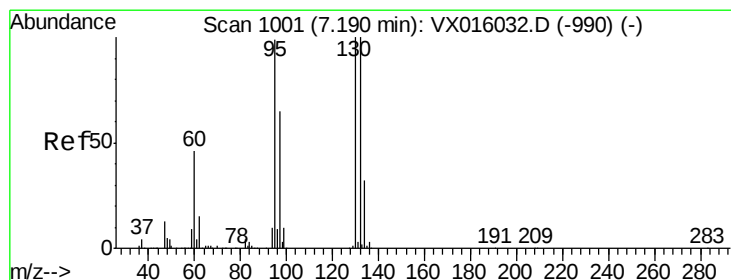
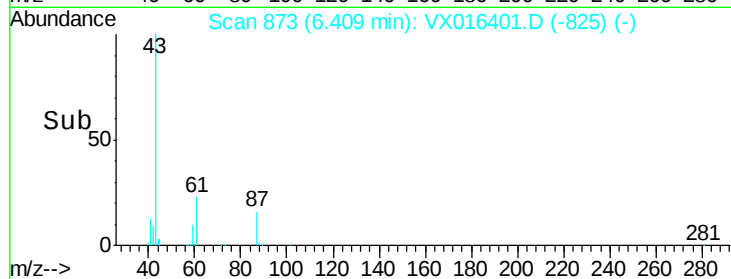
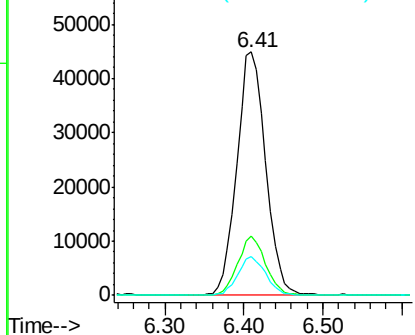
Isopropyl Acetate
 Concen: 16.491 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	113887
Ion Ratio	Lower	Upper	
43	100		
61	23.5	17.0	25.4
87	15.4	11.0	16.6



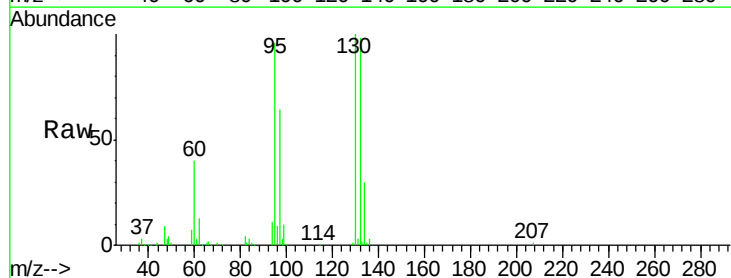
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



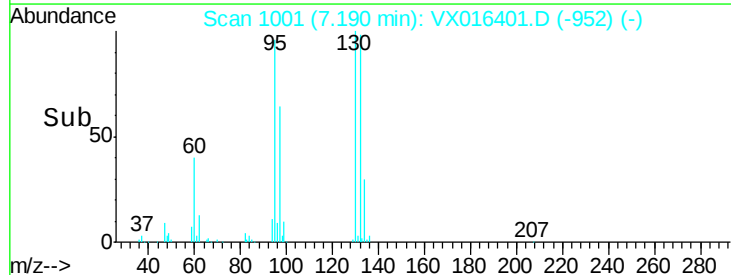
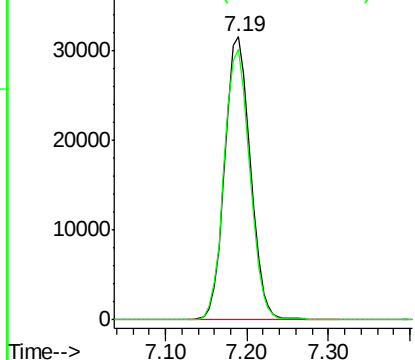
#44

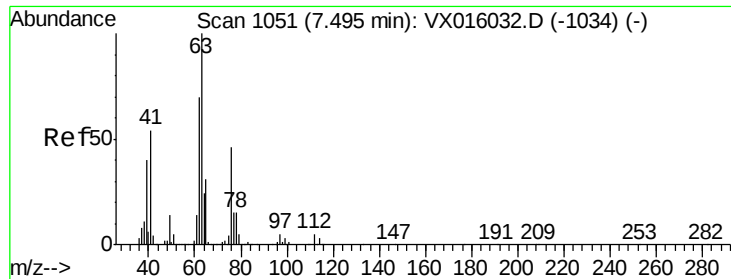
Trichloroethene
 Concen: 17.701 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

Tgt Ion	130	Resp	68713
Ion Ratio	Lower	Upper	
130	100		
95	95.8	0.0	197.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

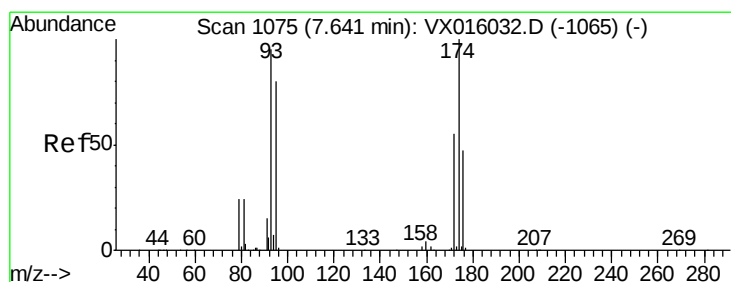
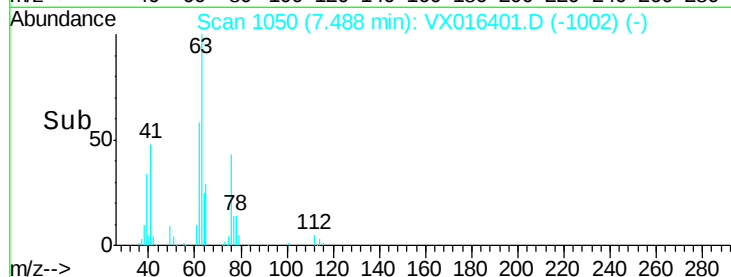
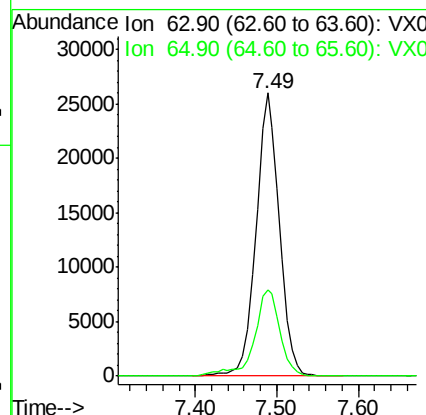
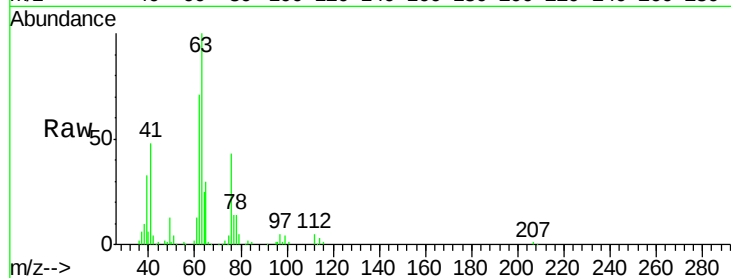




#45
 1,2-Dichloropropane
 Concen: 18.836 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

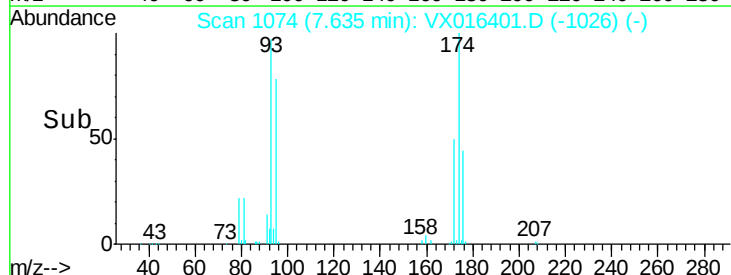
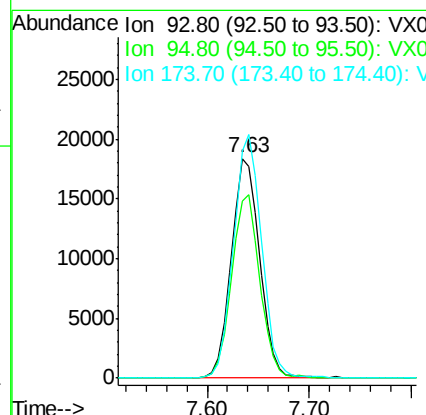
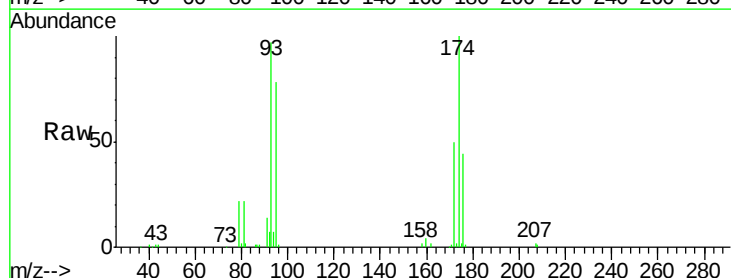
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 52079
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 18.832 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

Tgt Ion: 93 Resp: 35383
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.6 100.0
 174 109.5 84.2 126.4





#47

Bromodichloromethane

Concen: 18.821 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :
MSVOA_X
ClientSampled :

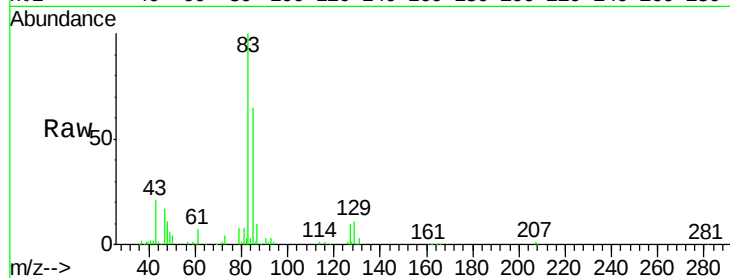
Tot Ion: 83 Resp: 72023

Ion Ratio Lower Upper

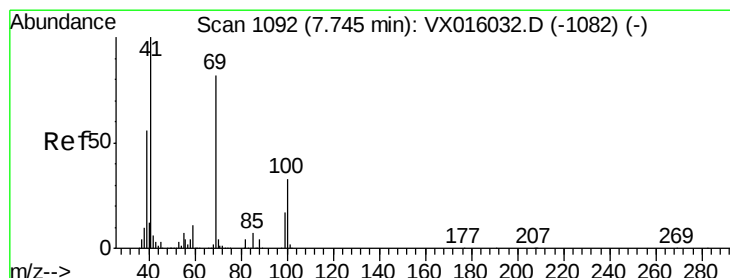
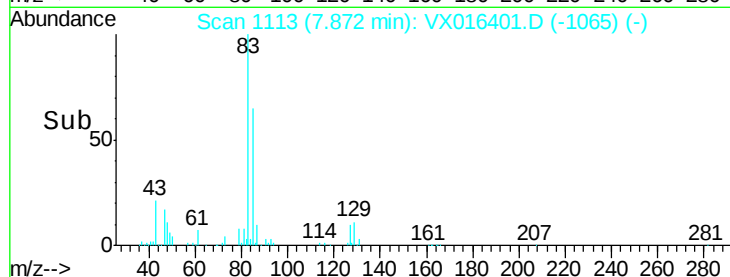
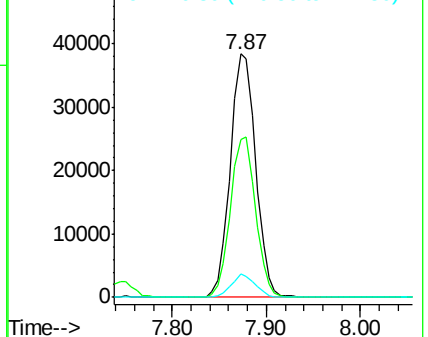
83 100

85 64.6 50.5 75.7

127 9.6 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.301 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

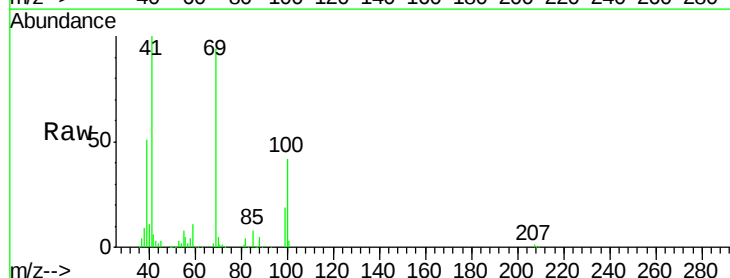
Tgt Ion: 41 Resp: 53341

Ion Ratio Lower Upper

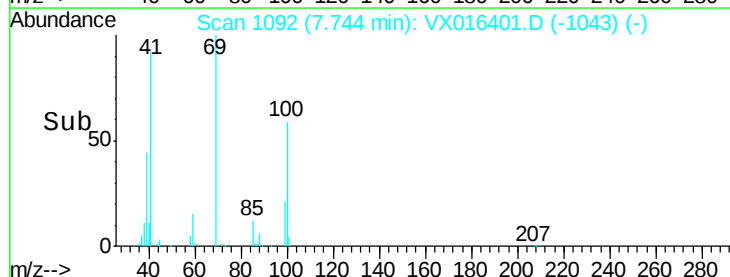
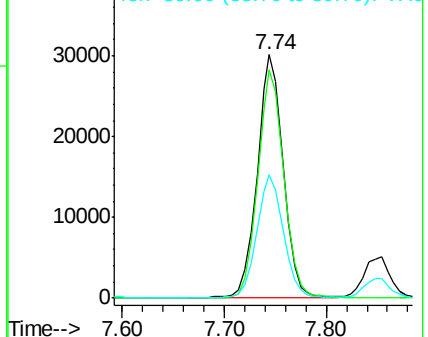
41 100

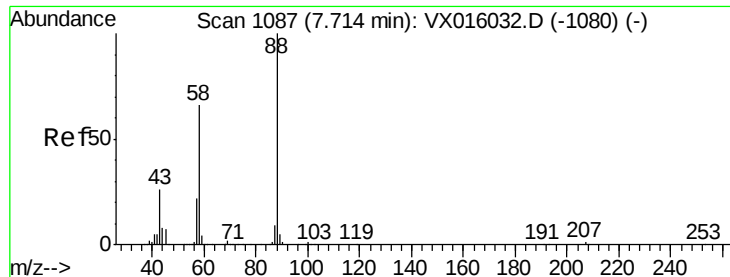
69 94.0 67.8 101.6

39 52.4 44.6 67.0



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: 343.774 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampleId :

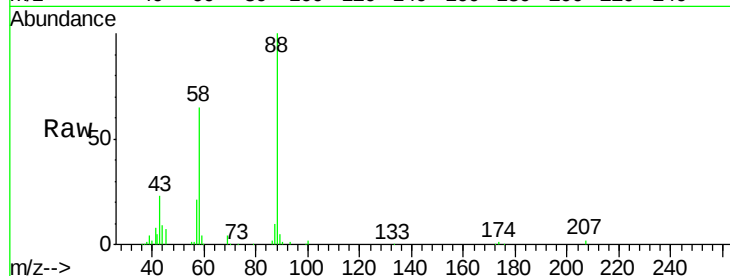
Tot Ion: 88 Resp: 26980

Ion Ratio Lower Upper

88 100

43 29.0 25.3 37.9

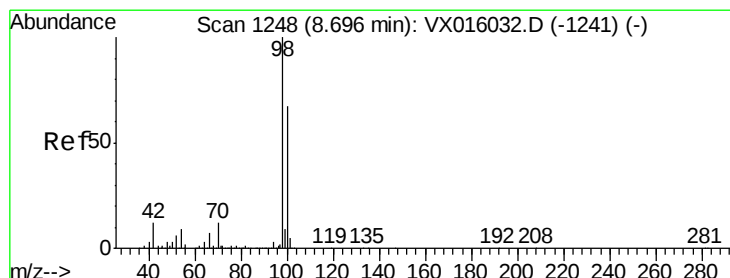
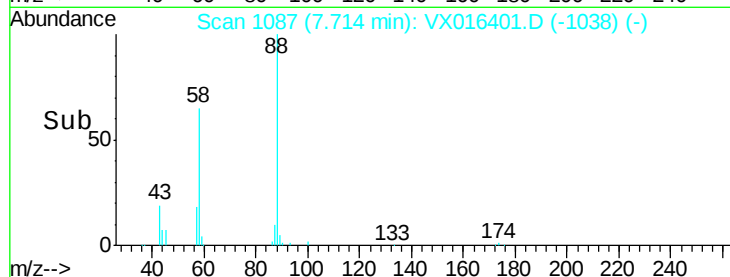
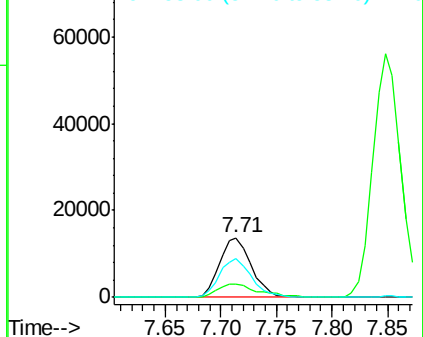
58 67.2 55.9 83.9



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: 46.905 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016401.D

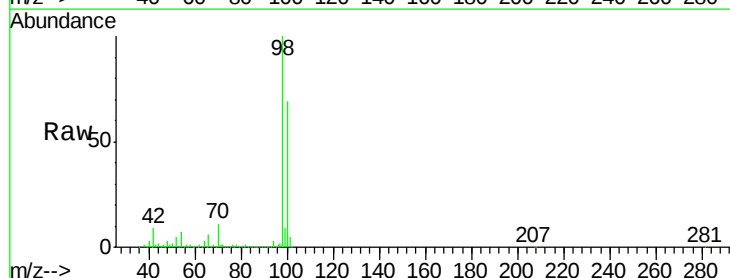
Acq: 22 May 2020 10:57

Tgt Ion: 98 Resp: 434374

Ion Ratio Lower Upper

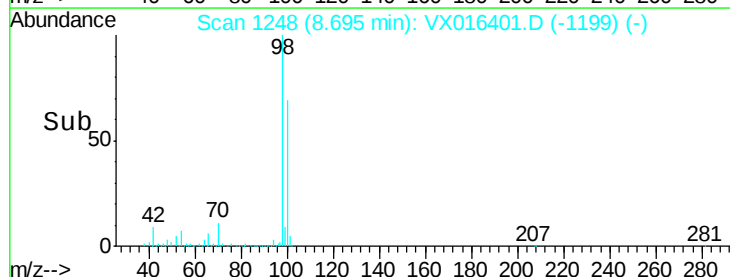
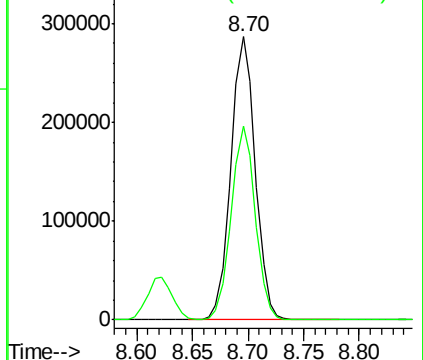
98 100

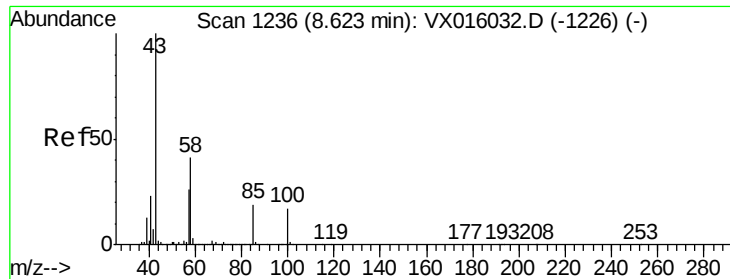
100 67.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 84.979 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

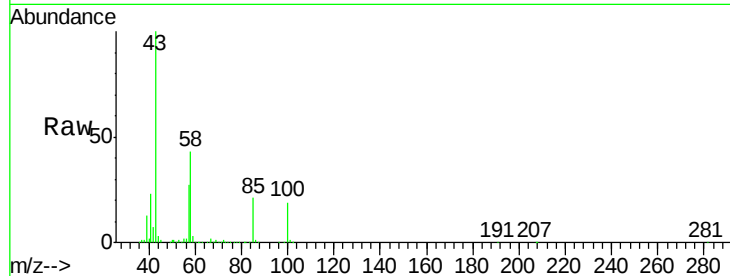
ClientSampleId :

Tot Ion: 43 Resp: 359123

Ion Ratio Lower Upper

43 100

58 44.1 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

150000

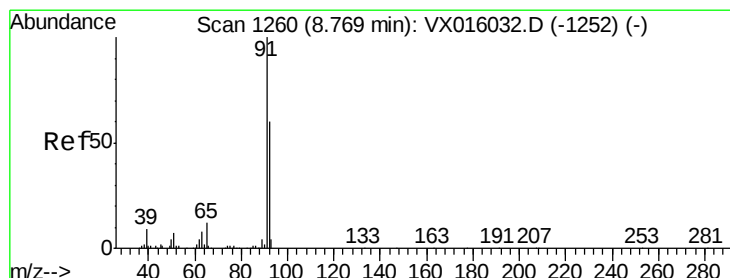
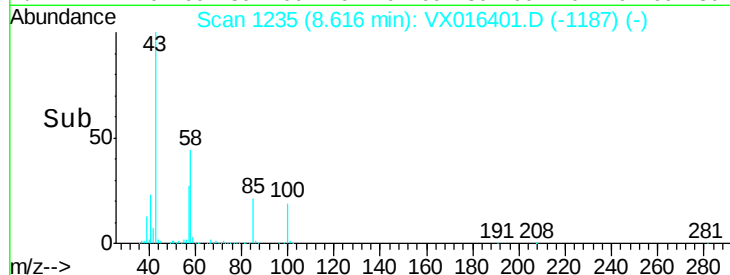
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 19.777 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016401.D

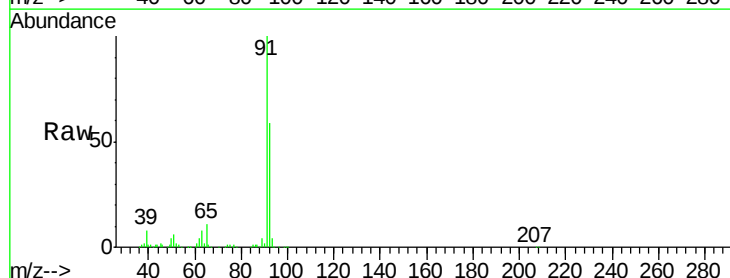
Acq: 22 May 2020 10:57

Tgt Ion: 92 Resp: 134695

Ion Ratio Lower Upper

92 100

91 168.5 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

150000

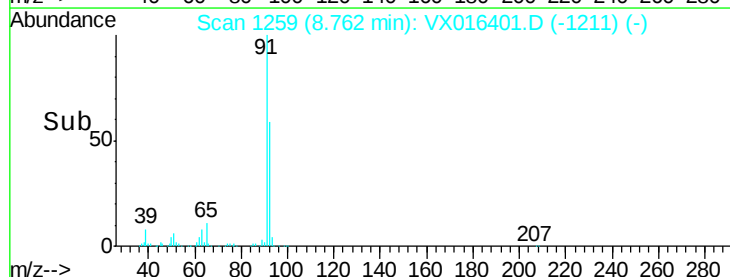
100000

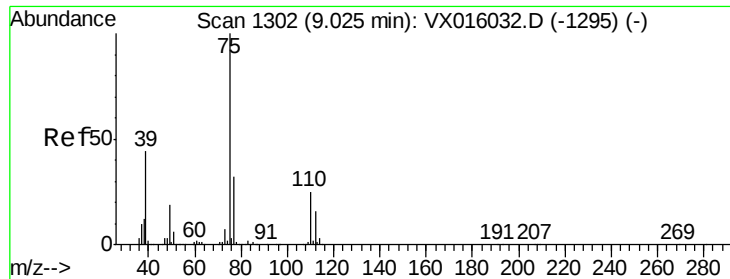
50000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.241 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

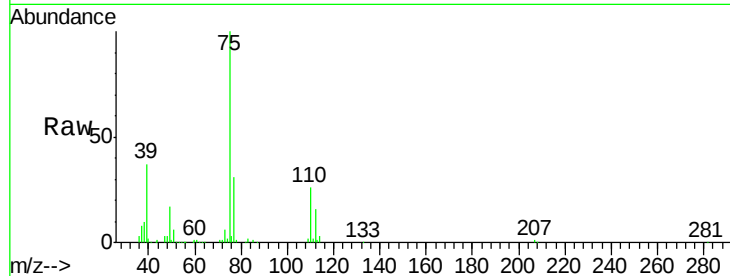
ClientSampleId :

Tot Ion: 75 Resp: 83223

Ion Ratio Lower Upper

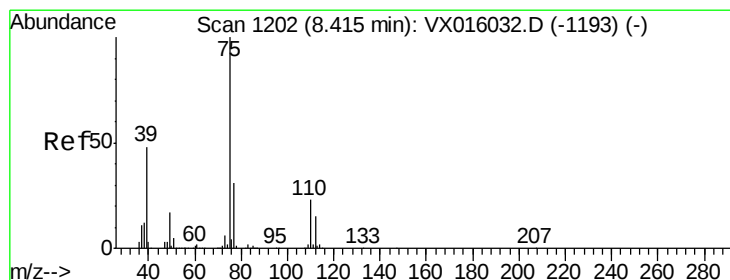
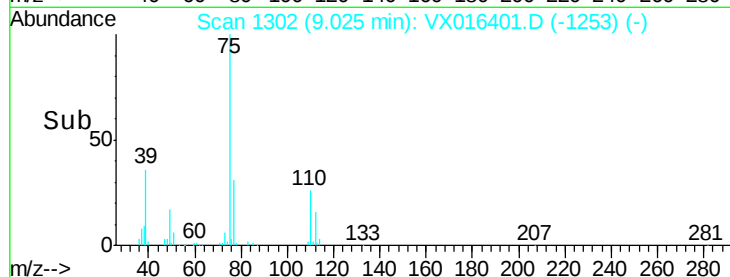
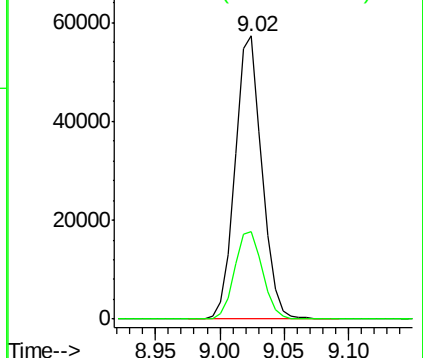
75 100

77 30.7 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.847 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

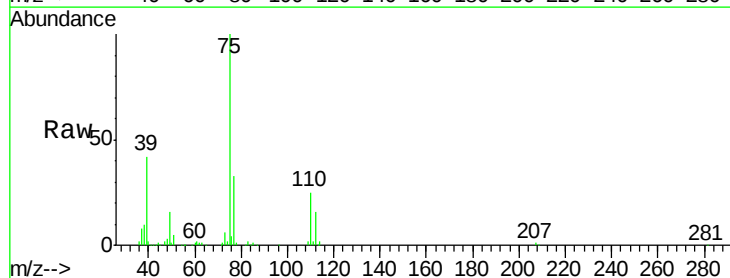
Tgt Ion: 75 Resp: 89816

Ion Ratio Lower Upper

75 100

77 32.9 24.7 37.1

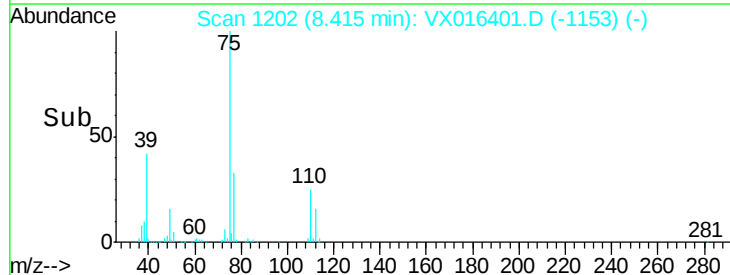
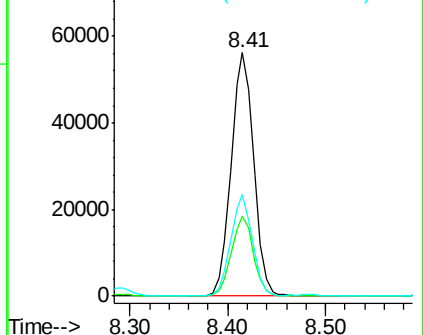
39 41.4 38.7 58.1

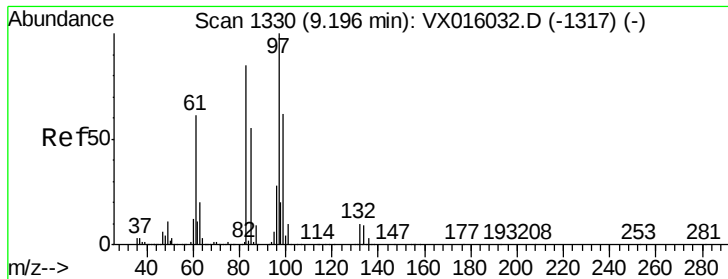


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

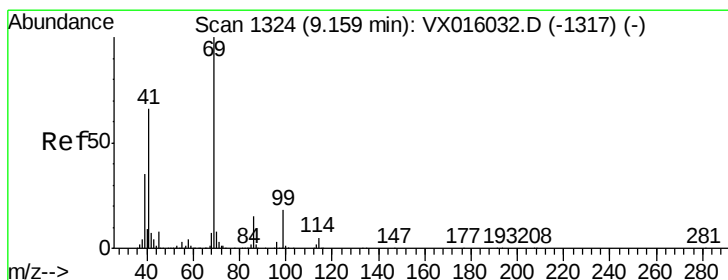
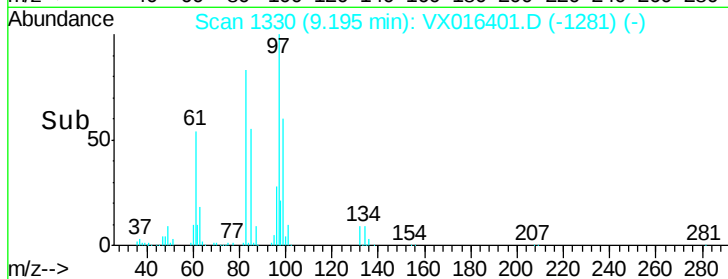
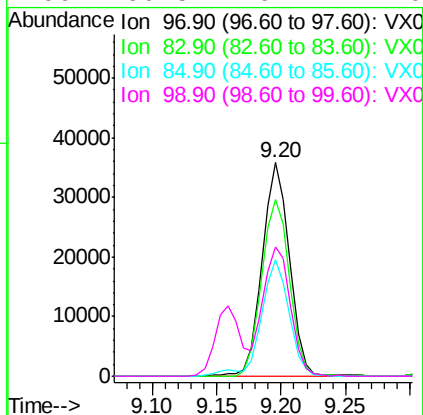
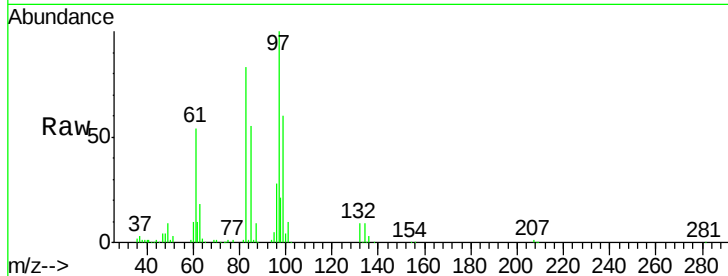




#55
 1,1,2-Trichloroethane
 Concen: 19.580 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

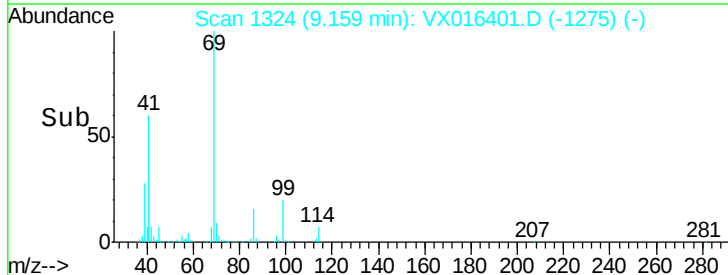
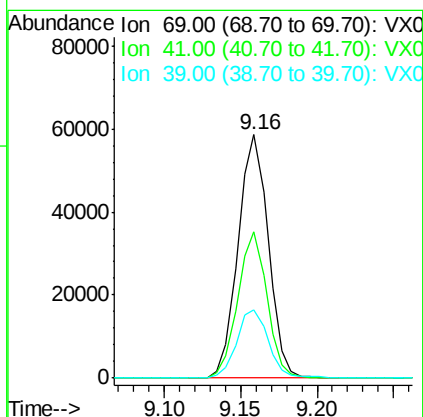
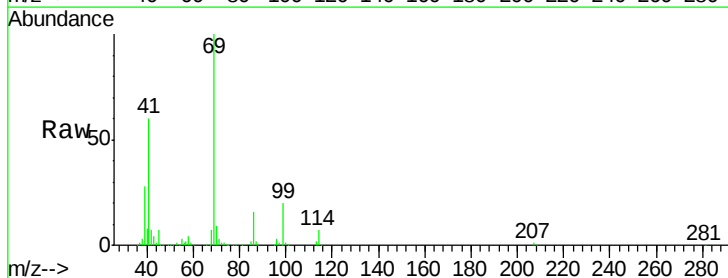
Instrument :
 MSVOA_X
 ClientSampleId :

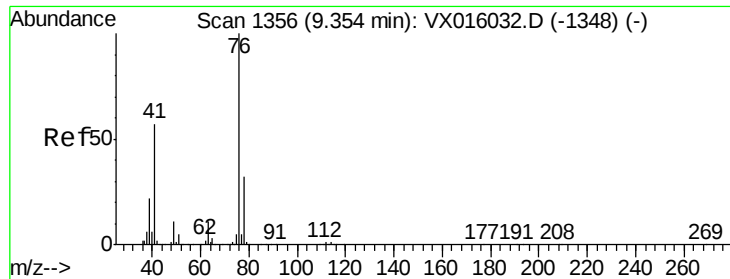
Tot Ion:	97	Resp:	52467
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.8	101.8
85	54.7	43.8	65.8
99	60.5	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 18.413 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

Tgt Ion:	69	Resp:	80539
Ion	Ratio	Lower	Upper
69	100		
41	58.2	52.2	78.4
39	29.4	28.2	42.4

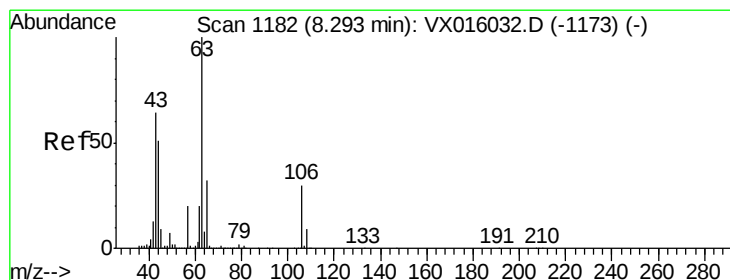
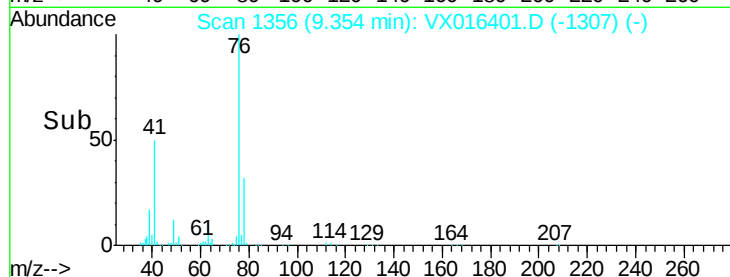
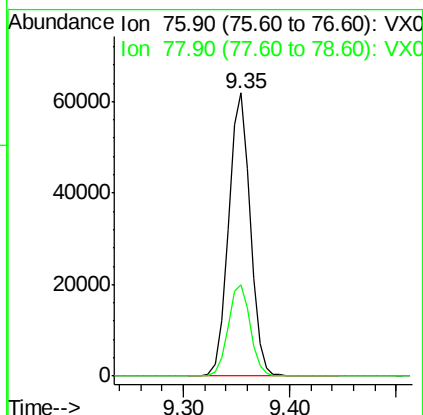
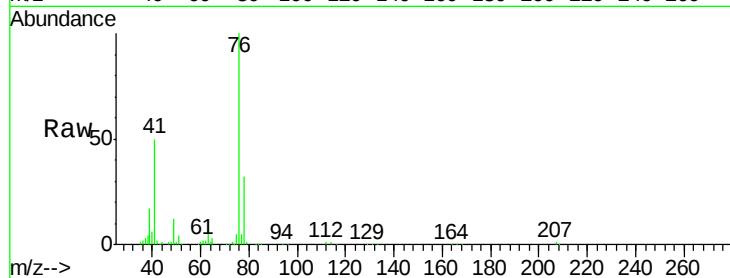




#57
 1,3-Dichloropropane
 Concen: 18.941 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

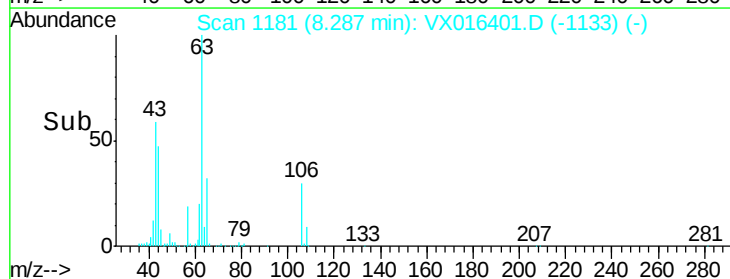
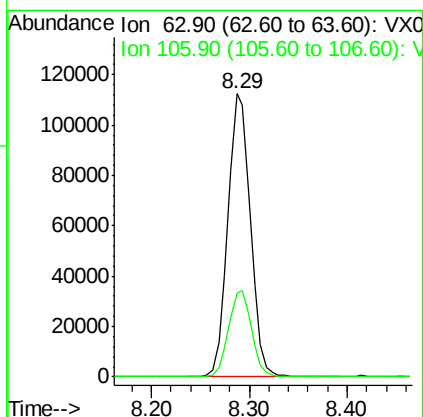
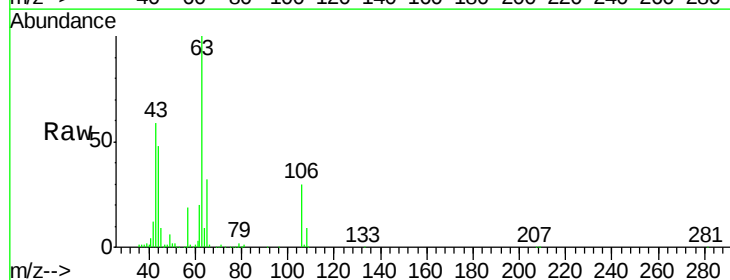
Instrument :
 MSVOA_X
 ClientSampleId :

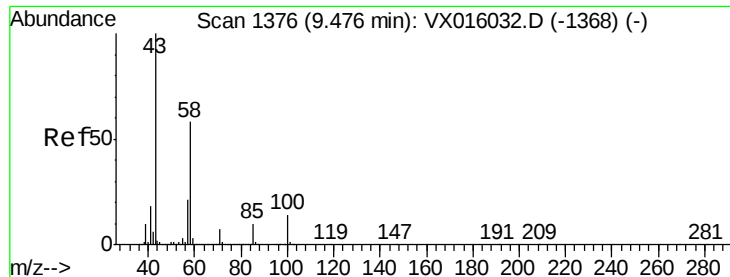
Tot Ion: 76 Resp: 88561
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 77.141 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

Tgt Ion: 63 Resp: 179630
 Ion Ratio Lower Upper
 63 100
 106 31.0 23.4 35.2

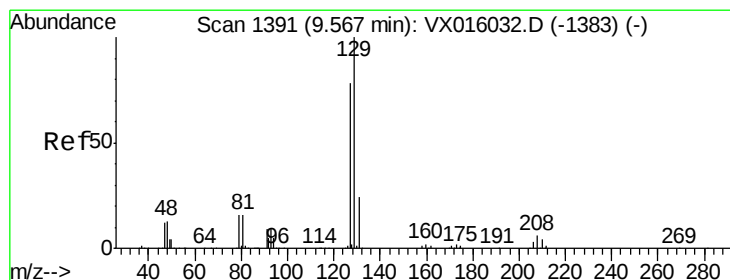
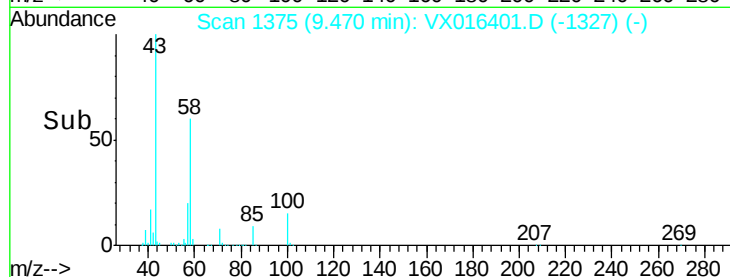
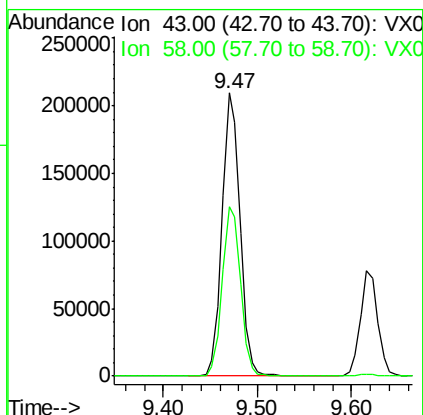
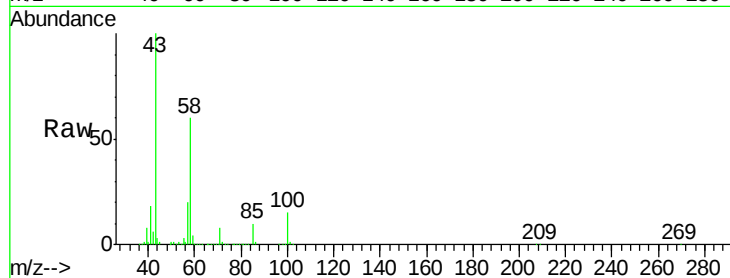




#59
2-Hexanone
Concen: 83.352 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

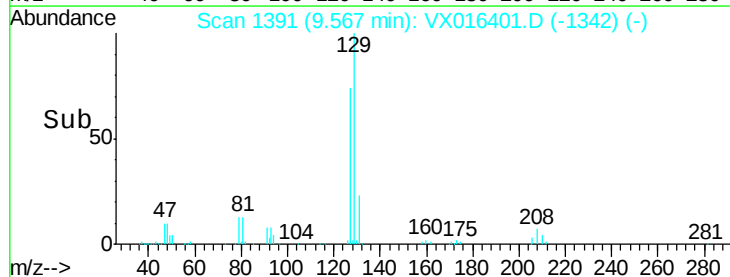
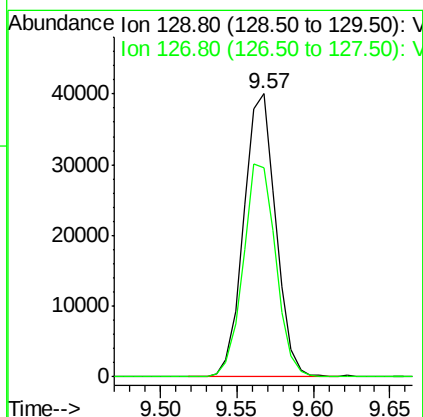
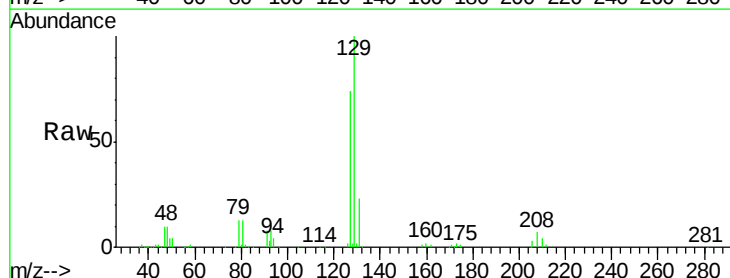
Instrument :
MSVOA_X
ClientSampleId :

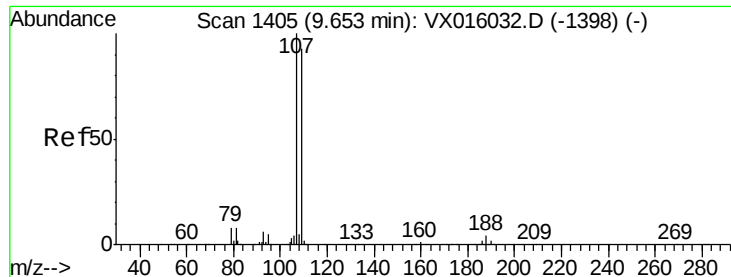
Tot Ion: 43 Resp: 276626
Ion Ratio Lower Upper
43 100
58 61.1 28.6 85.9



#60
Dibromochloromethane
Concen: 19.704 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

Tgt Ion: 129 Resp: 58149
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.989 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

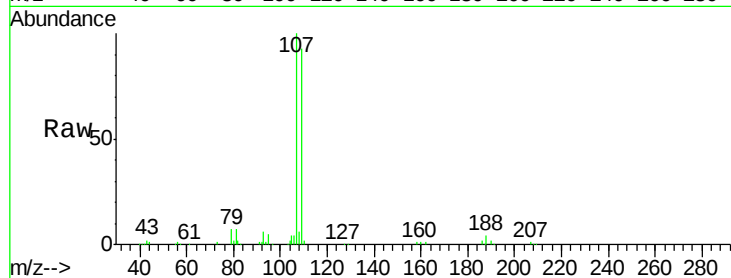
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 55116

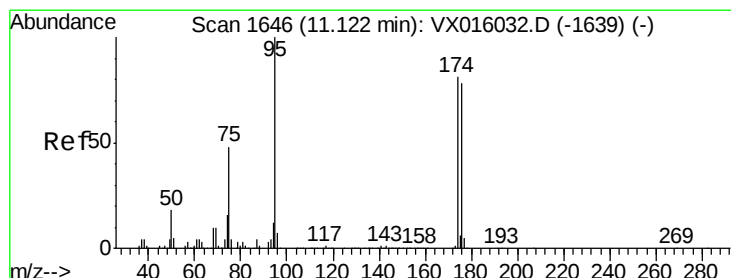
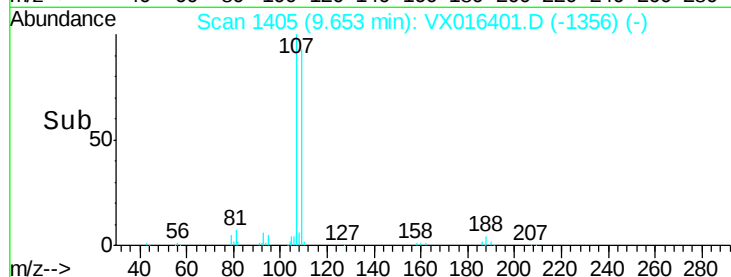
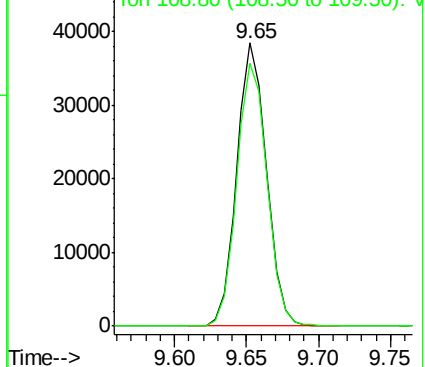
Ion Ratio Lower Upper

107 100

109 94.8 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.219 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

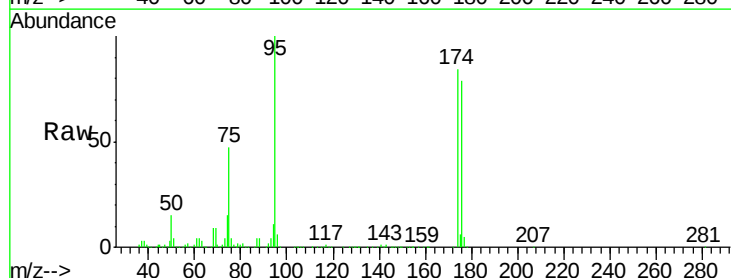
Tgt Ion: 95 Resp: 162800

Ion Ratio Lower Upper

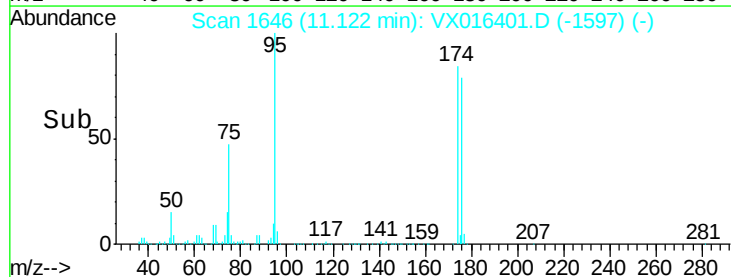
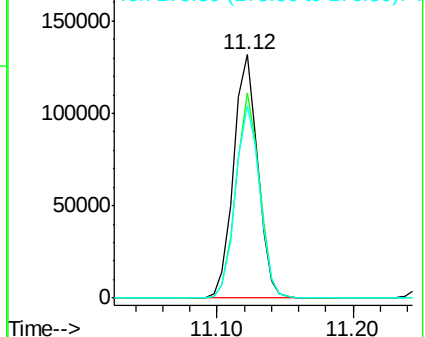
95 100

174 82.4 0.0 159.4

176 79.5 0.0 157.6



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

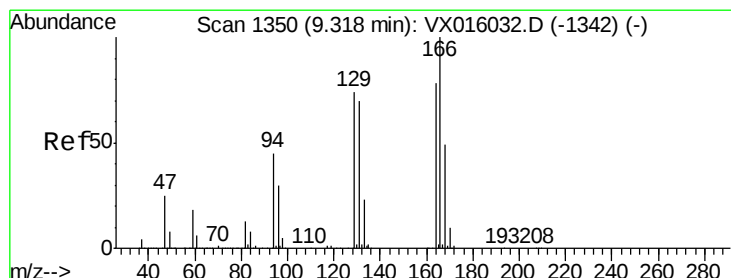
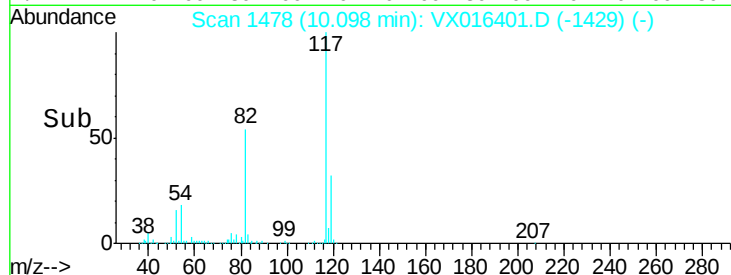
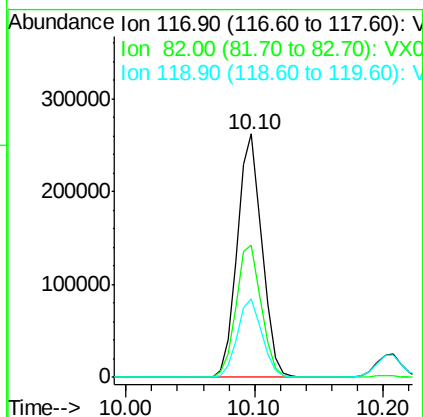
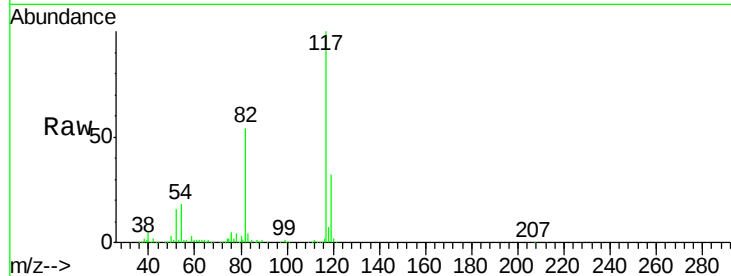




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

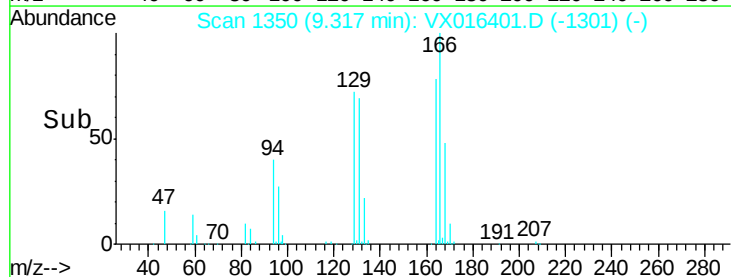
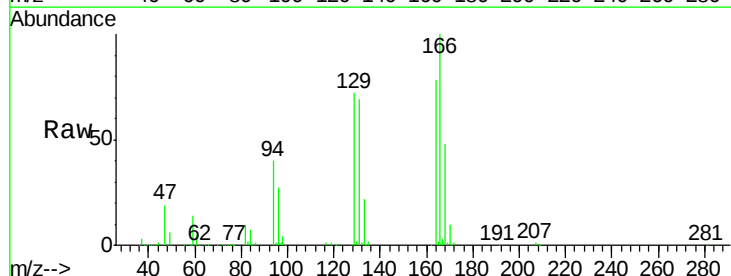
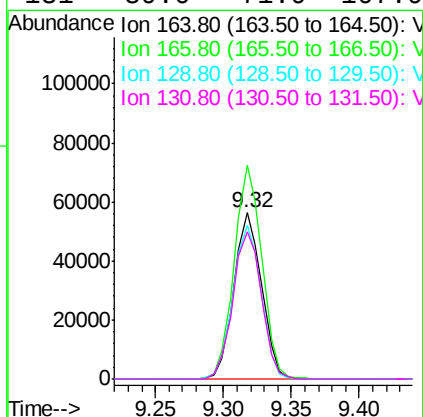
Instrument :
MSVOA_X
ClientSampleId :

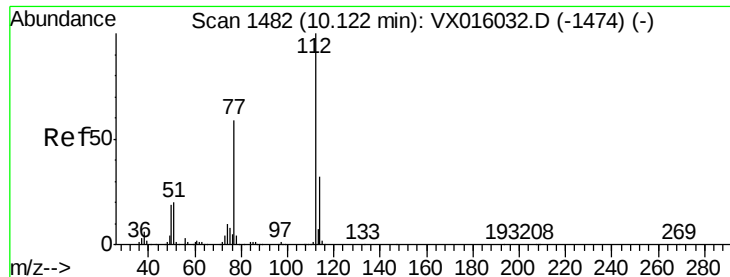
Tot Ion:117 Resp: 348961
Ion Ratio Lower Upper
117 100
82 54.4 44.4 66.6
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 18.796 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

Tgt Ion:164 Resp: 80522
Ion Ratio Lower Upper
164 100
166 128.8 102.9 154.3
129 93.0 76.1 114.1
131 89.0 71.9 107.9





#65

Chlorobenzene

Concen: 19.402 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

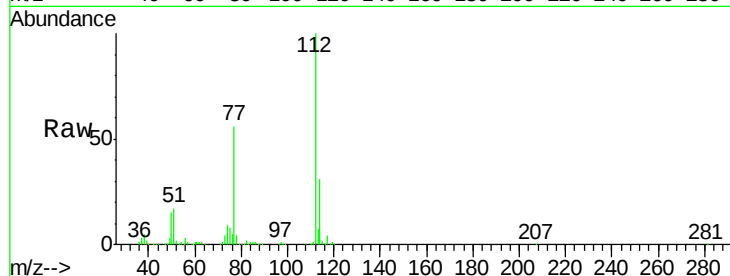
ClientSampleId :

Tot Ion:112 Resp: 141767

Ion Ratio Lower Upper

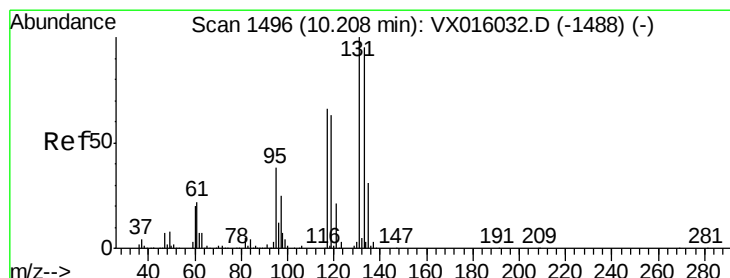
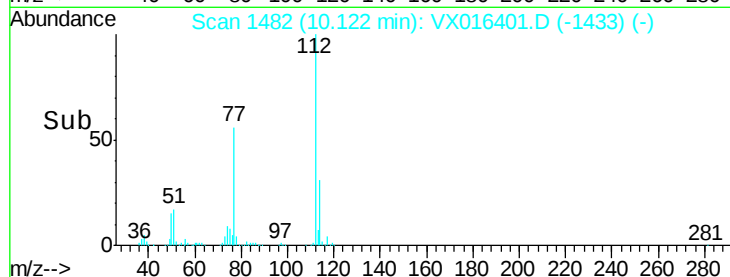
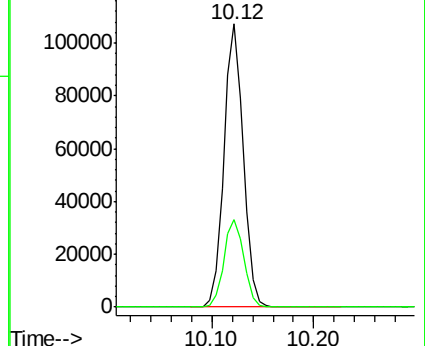
112 100

114 31.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.548 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

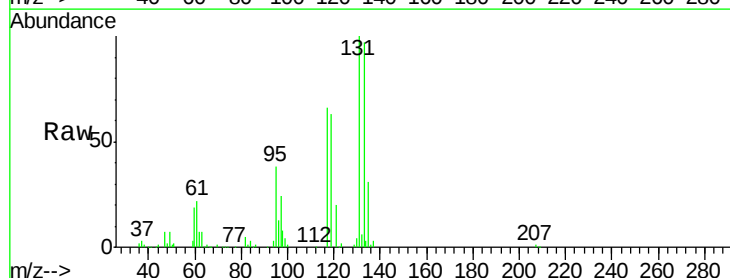
Tgt Ion:131 Resp: 52794

Ion Ratio Lower Upper

131 100

133 96.7 48.3 144.8

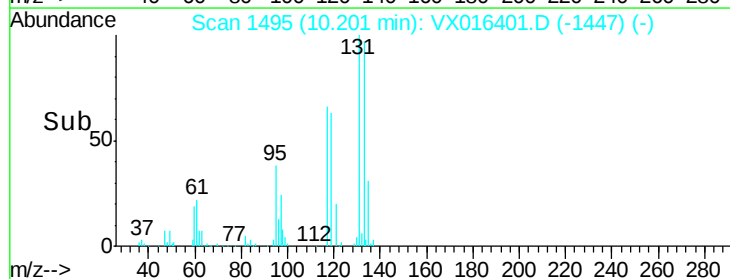
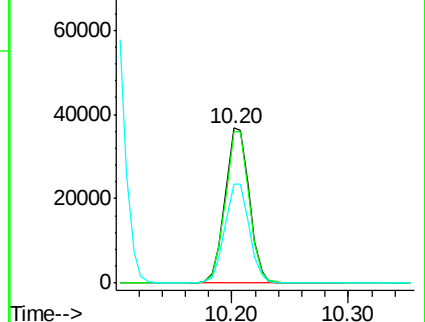
119 64.8 32.3 96.9

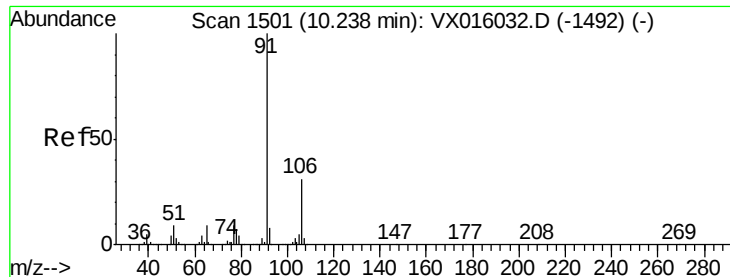


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.267 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

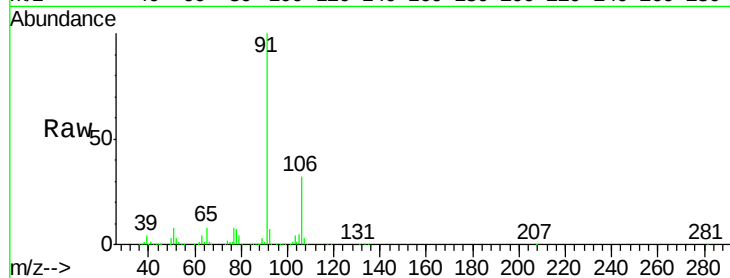
ClientSampleId :

Tot Ion: 91 Resp: 251194

Ion Ratio Lower Upper

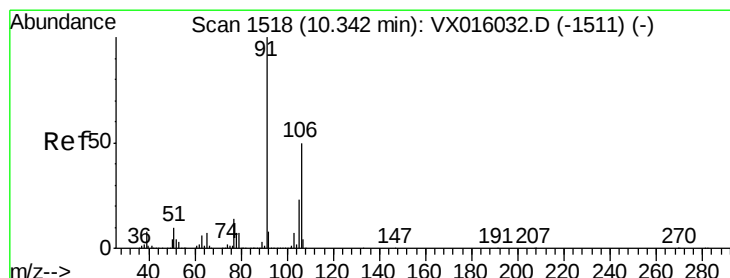
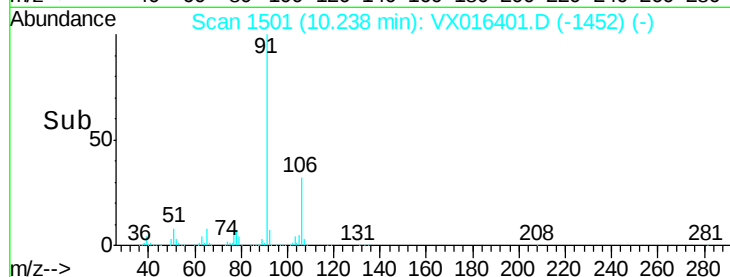
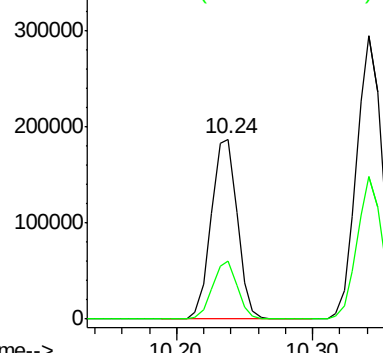
91 100

106 32.1 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.326 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016401.D

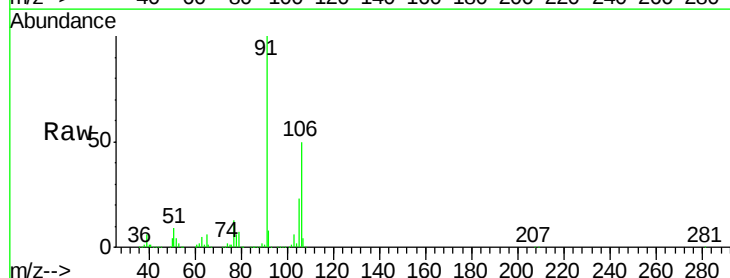
Acq: 22 May 2020 10:57

Tgt Ion: 106 Resp: 192090

Ion Ratio Lower Upper

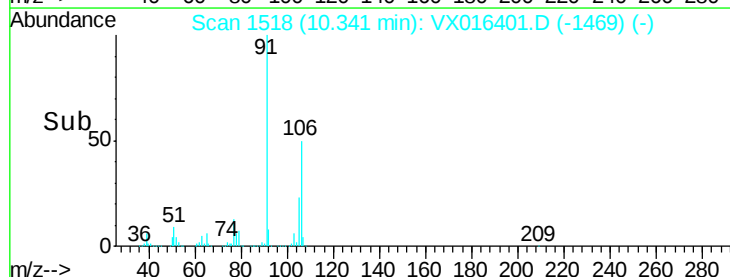
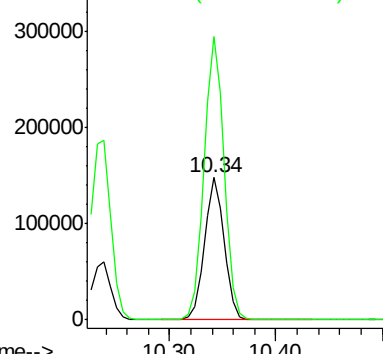
106 100

91 202.1 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

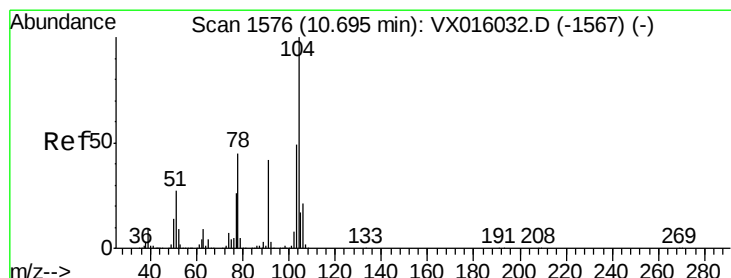
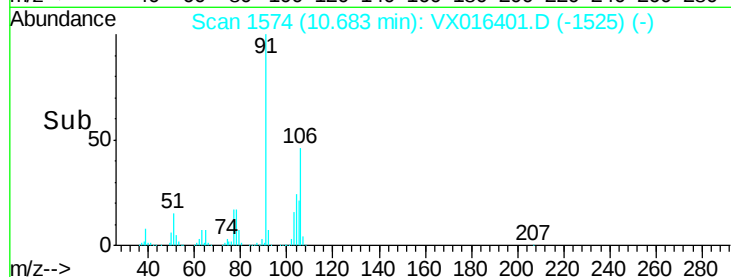
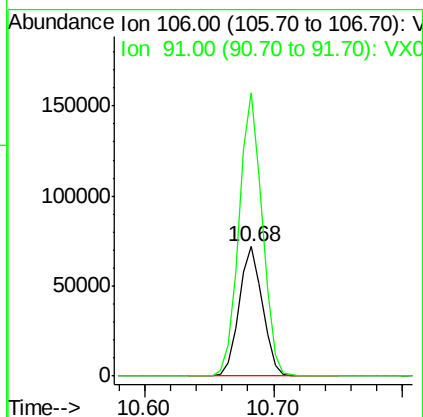
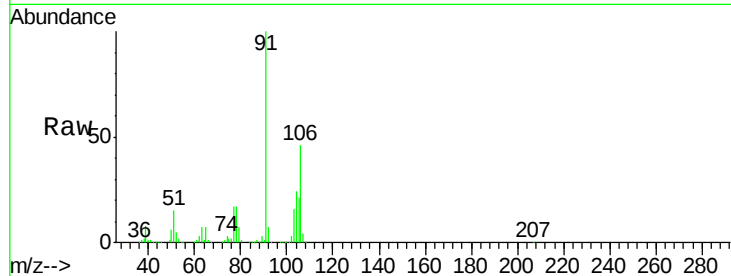




#69
o-Xylene
Concen: 19.321 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

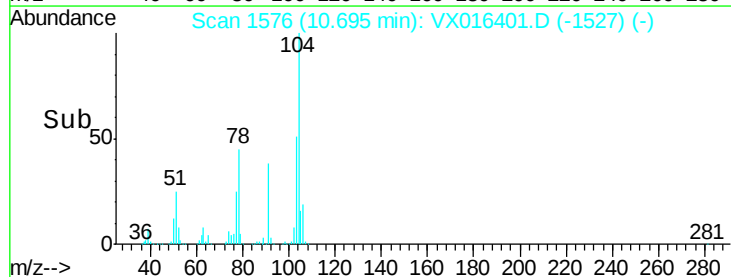
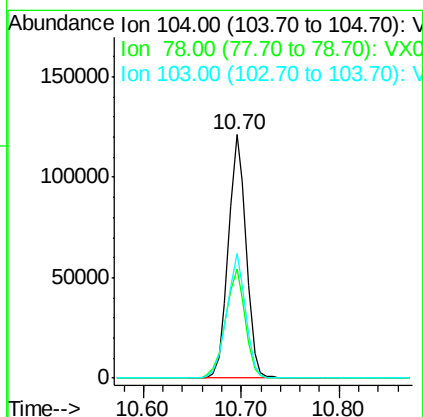
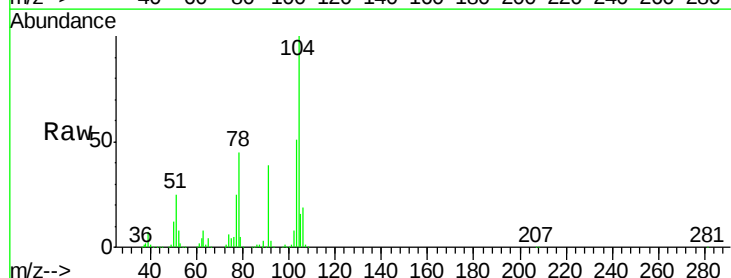
Instrument :
MSVOA_X
ClientSampleId :

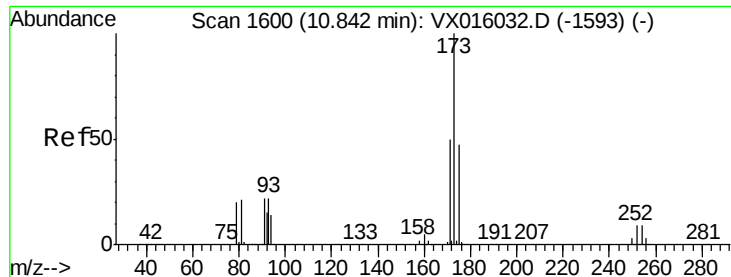
Tot Ion:106 Resp: 90715
Ion Ratio Lower Upper
106 100
91 216.4 107.5 322.6



#70
Styrene
Concen: 19.266 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016401.D
Acq: 22 May 2020 10:57

Tgt Ion:104 Resp: 153465
Ion Ratio Lower Upper
104 100
78 49.3 40.2 60.2
103 54.0 43.0 64.6





#71

Bromoform

Concen: 19.305 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampleId :

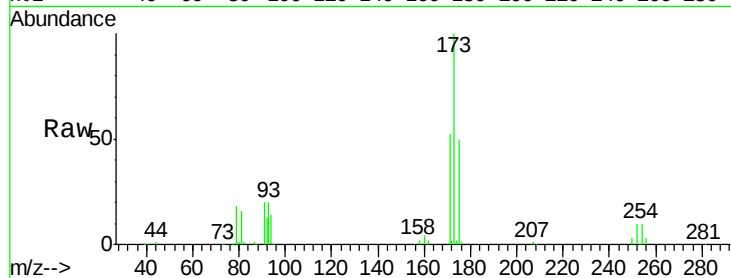
Tot Ion:173 Resp: 42478

Ion Ratio Lower Upper

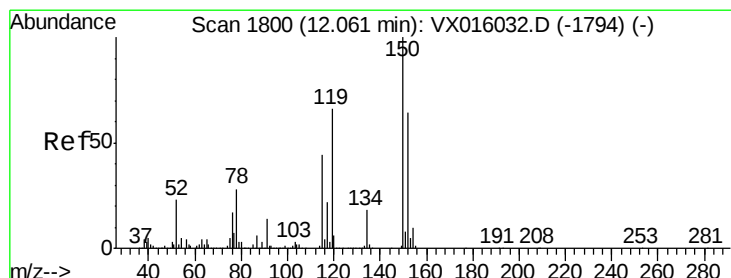
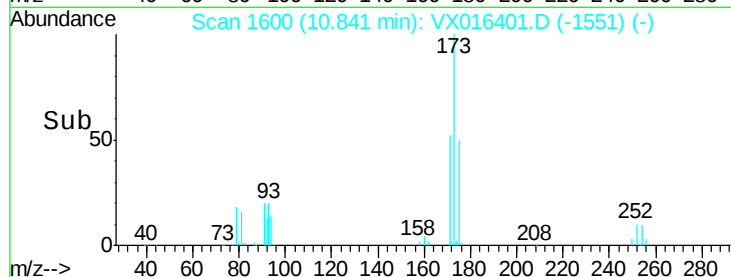
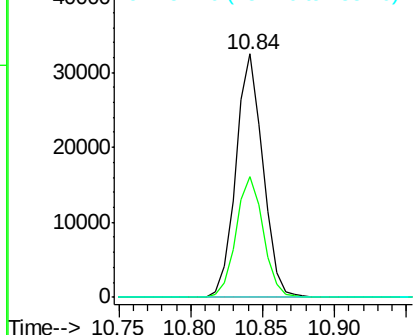
173 100

175 49.8 24.0 72.0

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: VX016401.D

Acq: 22 May 2020 10:57

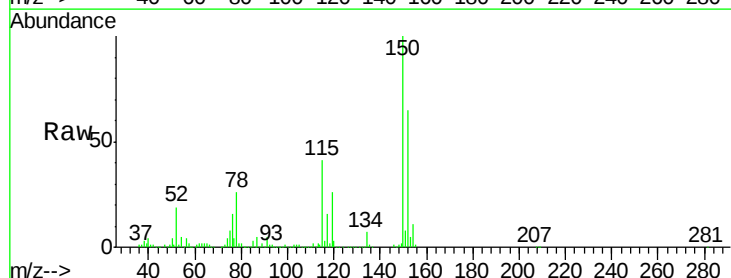
Tgt Ion:152 Resp: 169894

Ion Ratio Lower Upper

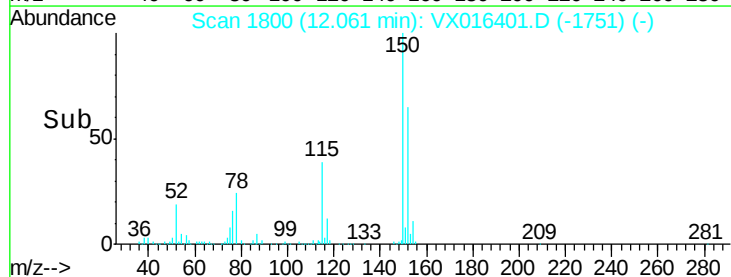
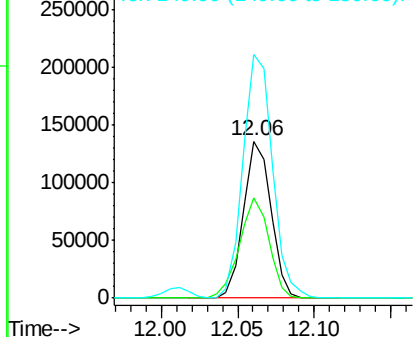
152 100

115 69.0 41.3 124.1

150 166.6 0.0 352.2



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





#73

Isopropylbenzene

Concen: 19.395 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

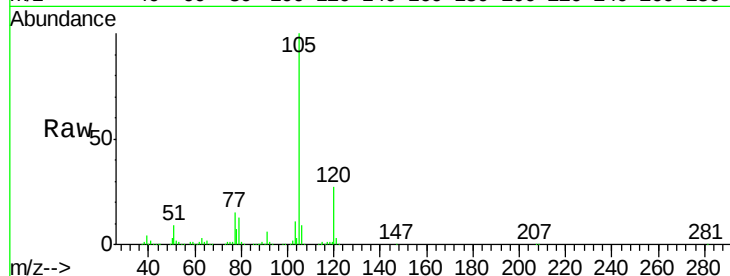
ClientSampleId :

Tot Ion: 105 Resp: 239672

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

200000

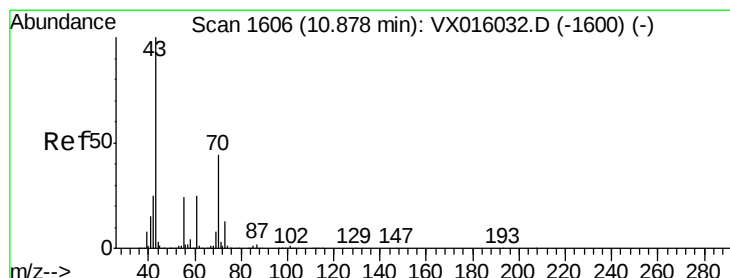
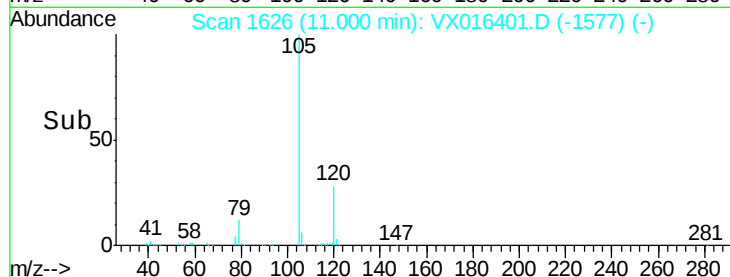
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 16.650 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Tgt Ion: 43 Resp: 95969

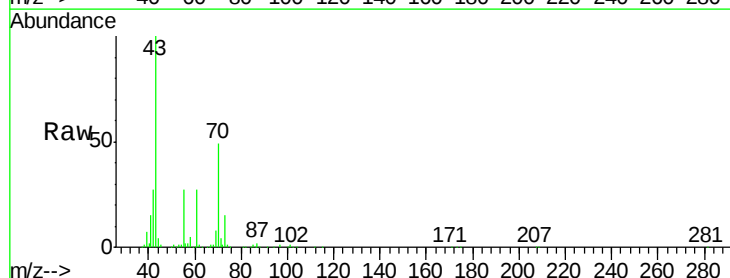
Ion Ratio Lower Upper

43 100

70 49.9 36.5 54.7

55 27.4 19.7 29.5

61 27.2 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

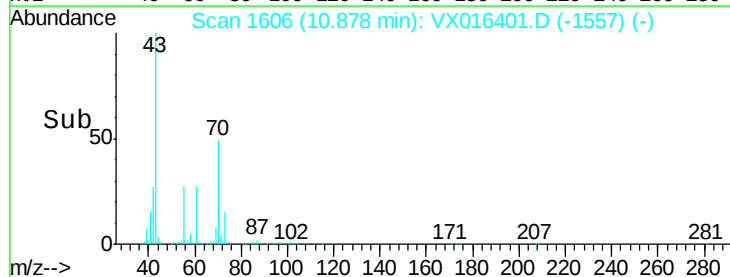
60000

40000

20000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 24.559 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampleId :

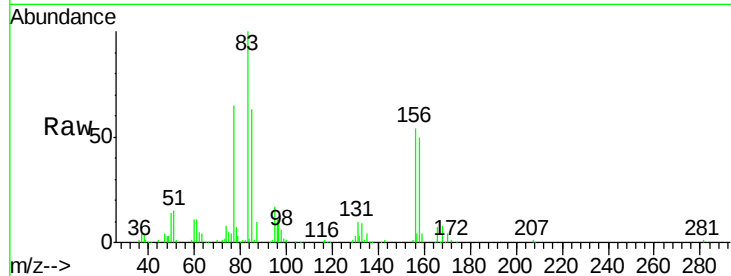
Tot Ion: 83 Resp: 54205

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

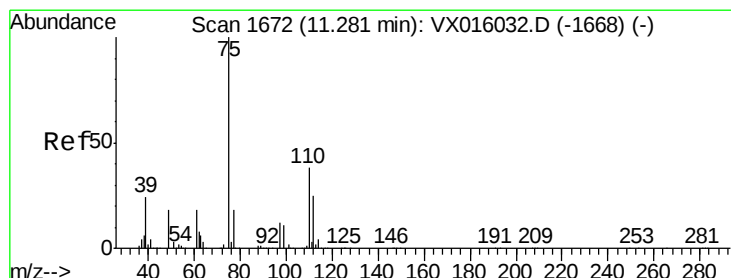
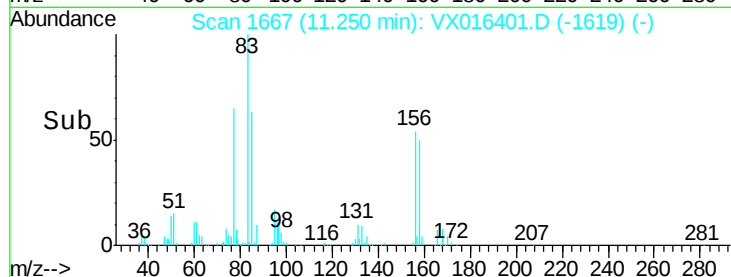
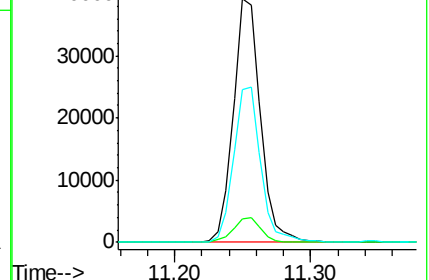
85 63.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.164 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016401.D

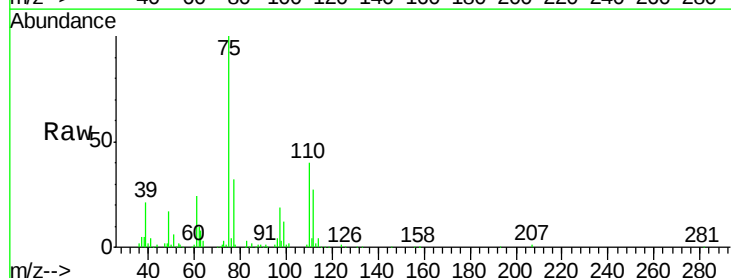
Acq: 22 May 2020 10:57

Tgt Ion: 75 Resp: 97016

Ion Ratio Lower Upper

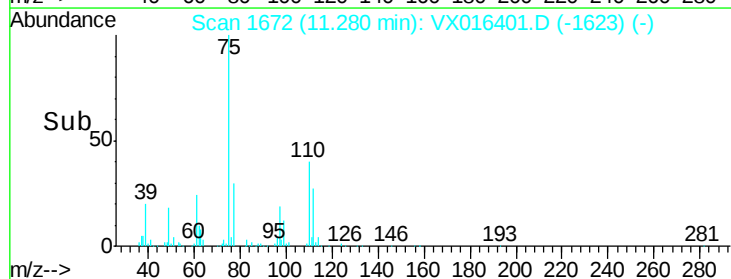
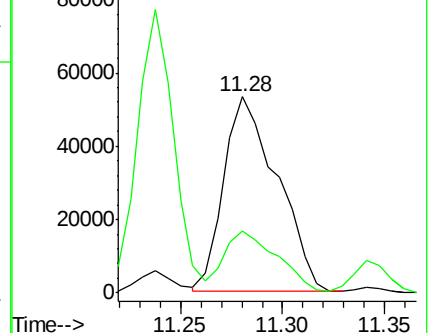
75 100

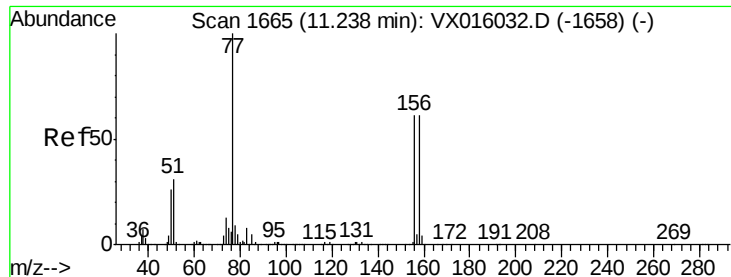
77 31.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.118 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampleId :

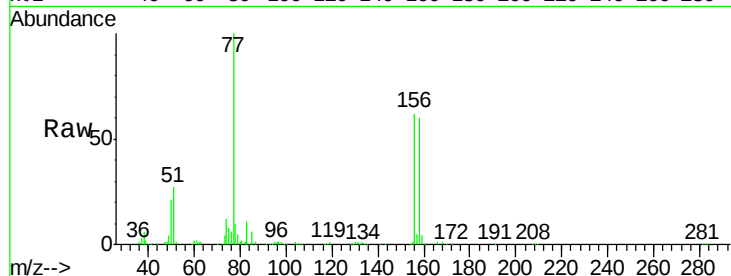
Tot Ion:156 Resp: 60978

Ion Ratio Lower Upper

156 100

77 157.3 80.1 240.3

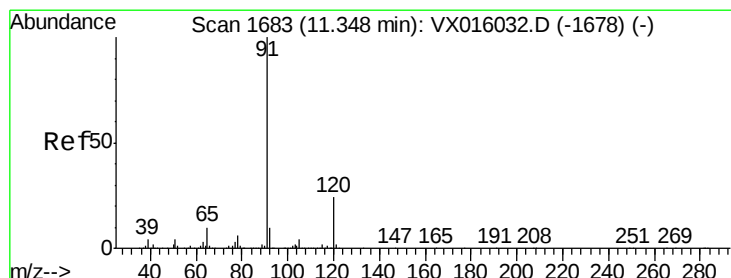
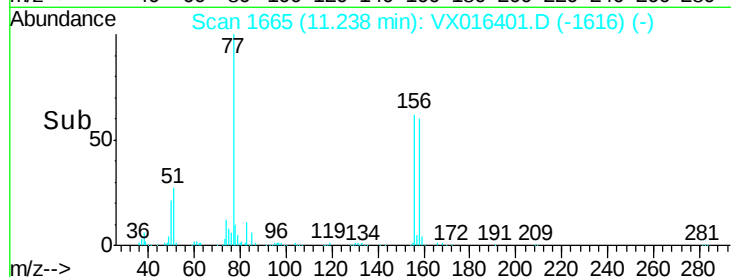
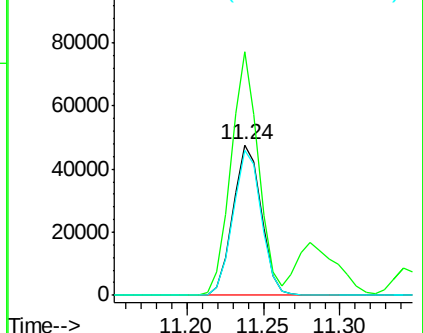
158 96.4 49.4 148.2



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: 18.608 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016401.D

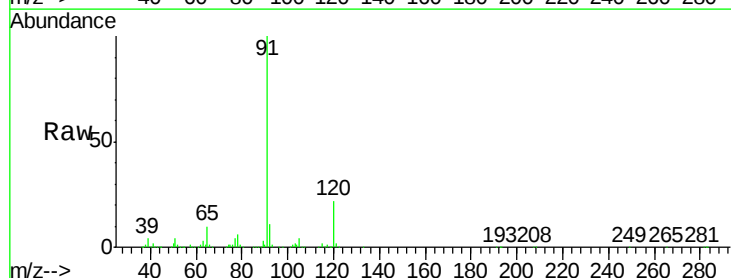
Acq: 22 May 2020 10:57

Tgt Ion: 91 Resp: 267507

Ion Ratio Lower Upper

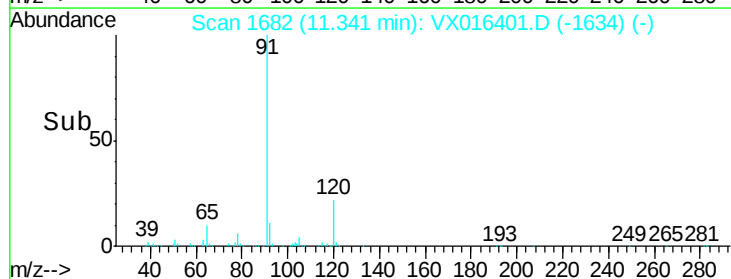
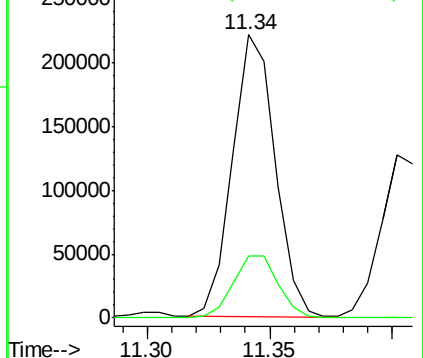
91 100

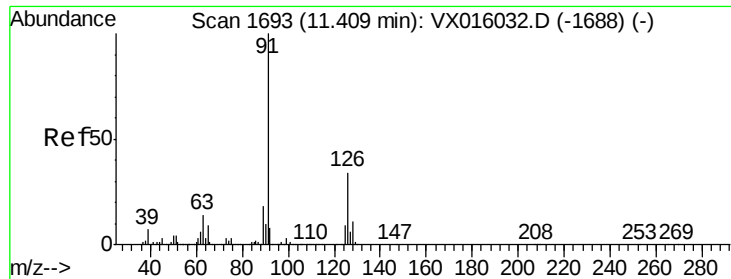
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

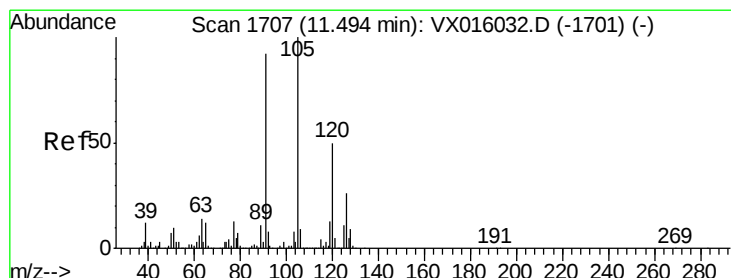
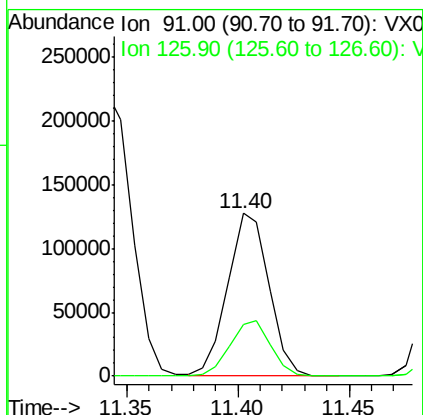
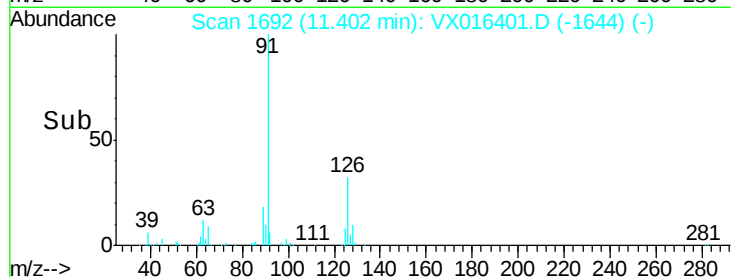
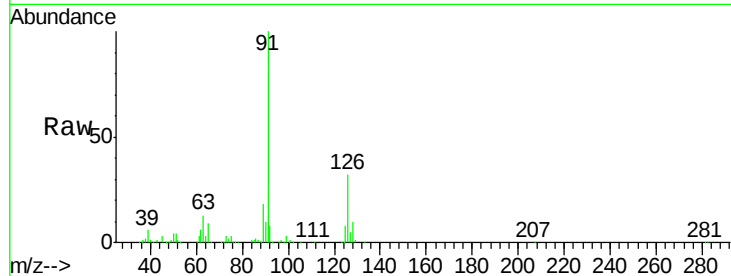




#79
 2-Chlorotoluene
 Concen: 19.276 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

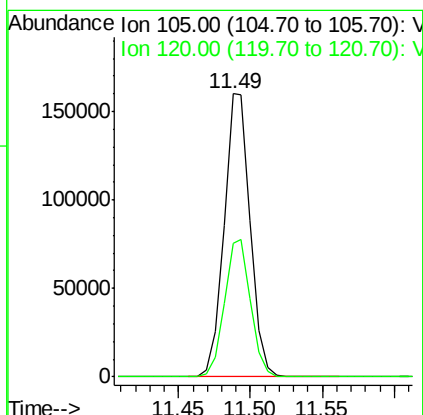
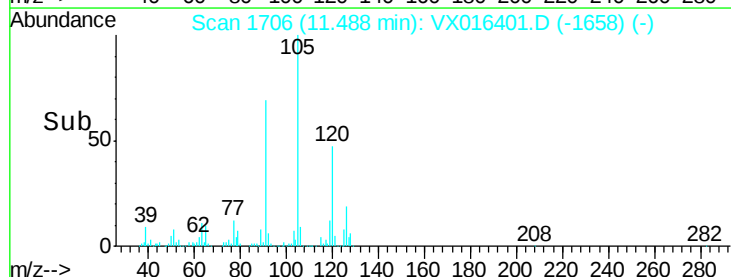
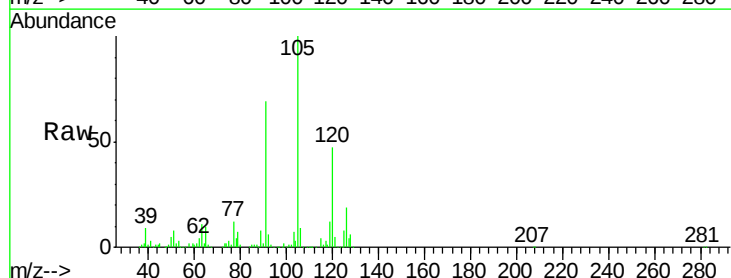
Instrument :
 MSVOA_X
 ClientSampleId :

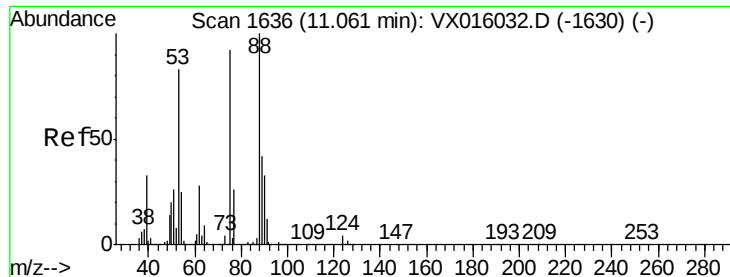
Tot Ion: 91 Resp: 163568
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.510 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

Tgt Ion: 105 Resp: 203555
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.755 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampleId :

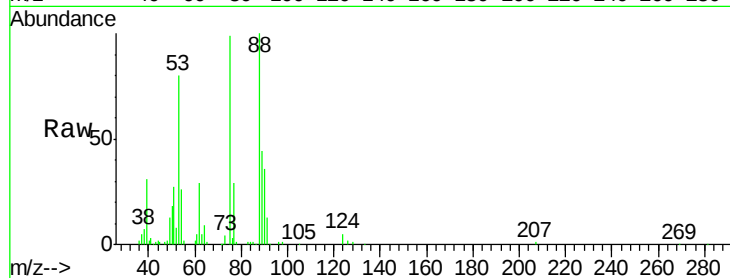
Tot Ion: 75 Resp: 28723

Ion Ratio Lower Upper

75 100

53 84.6 73.1 109.7

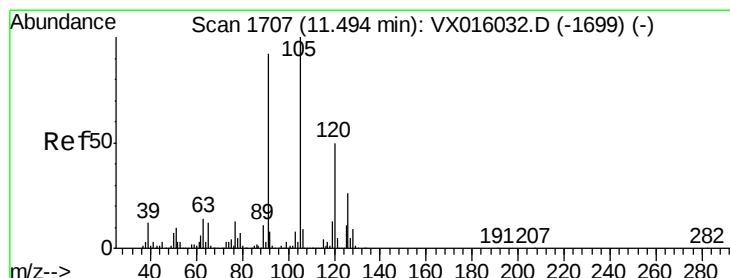
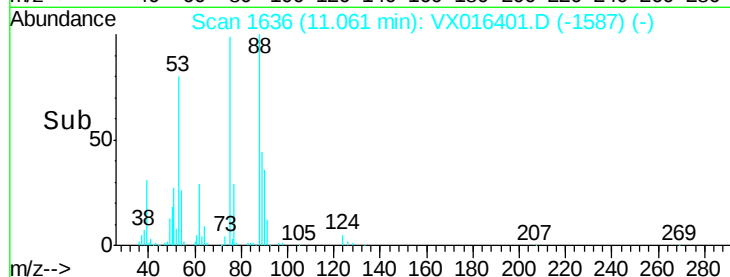
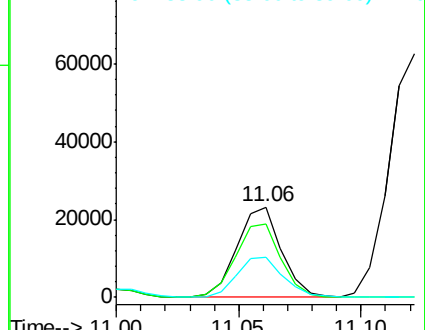
89 47.6 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.060 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016401.D

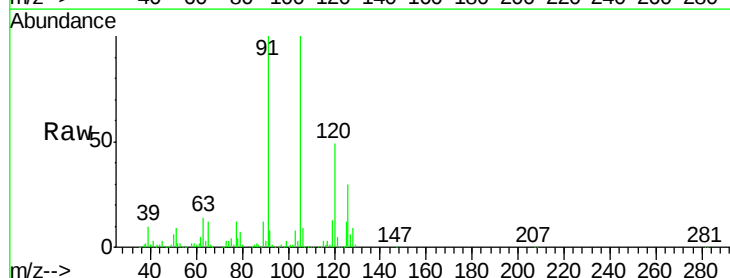
Acq: 22 May 2020 10:57

Tgt Ion: 91 Resp: 190990

Ion Ratio Lower Upper

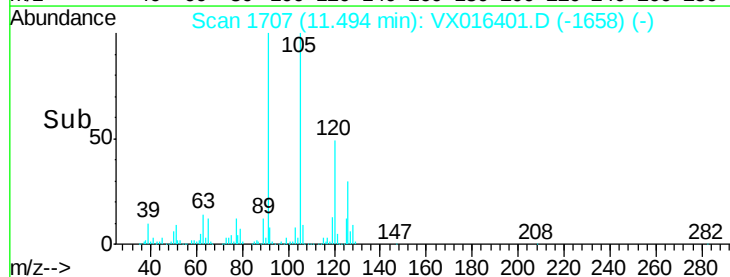
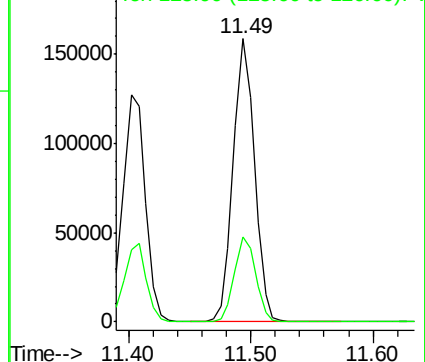
91 100

126 30.0 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.720 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampleId :

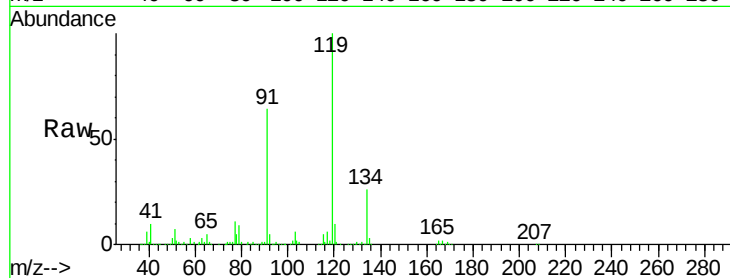
Tot Ion:119 Resp: 168317

Ion Ratio Lower Upper

119 100

91 63.7 32.8 98.4

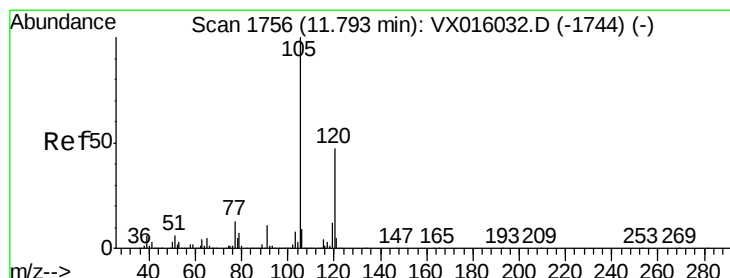
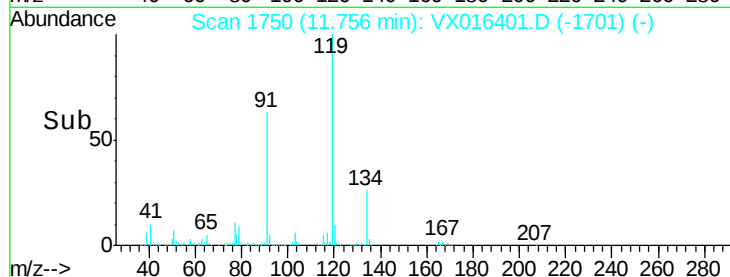
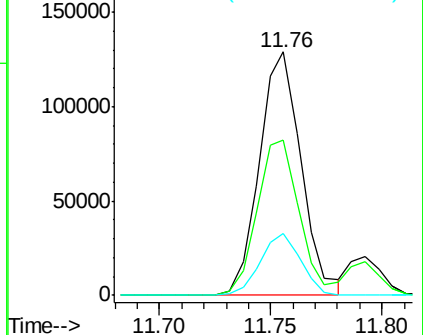
134 24.5 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.564 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016401.D

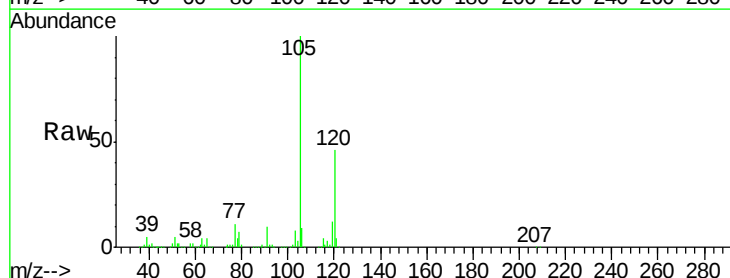
Acq: 22 May 2020 10:57

Tgt Ion:105 Resp: 206363

Ion Ratio Lower Upper

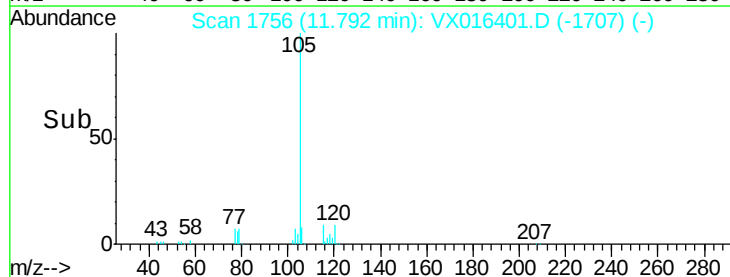
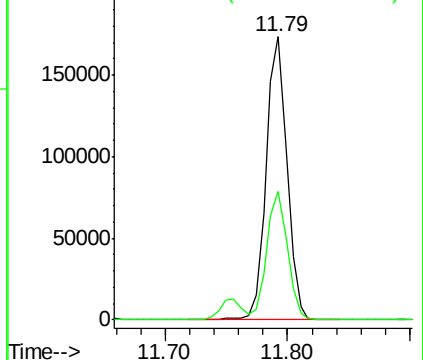
105 100

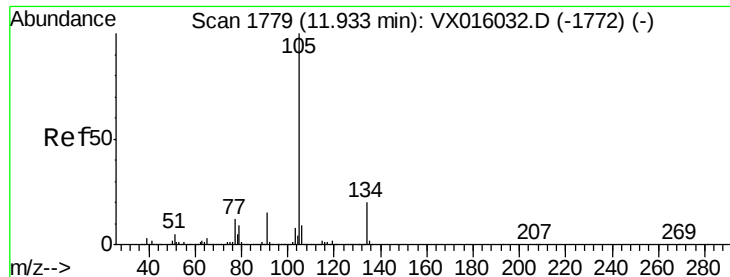
120 45.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.626 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

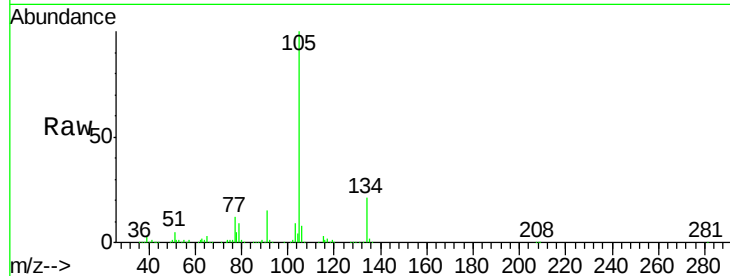
ClientSampleId :

Tot Ion:105 Resp: 213989

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

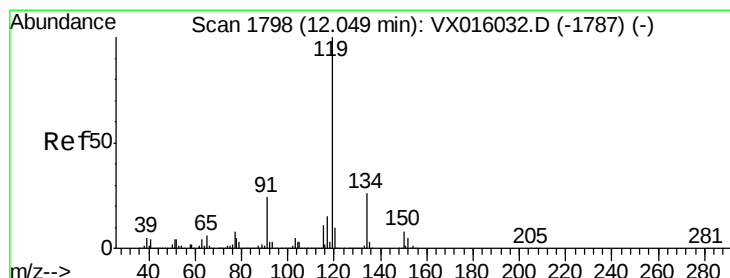
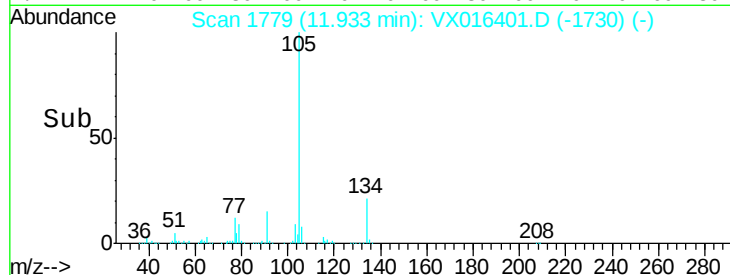
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.089 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

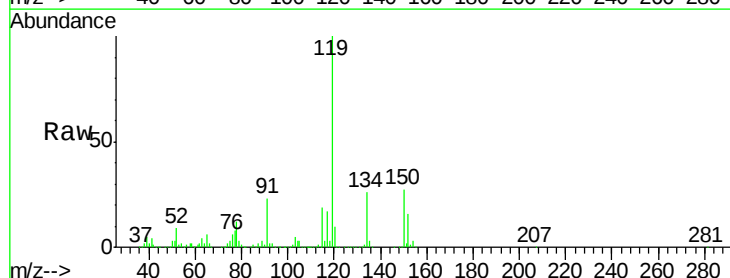
Tgt Ion:119 Resp: 203886

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 22.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

200000

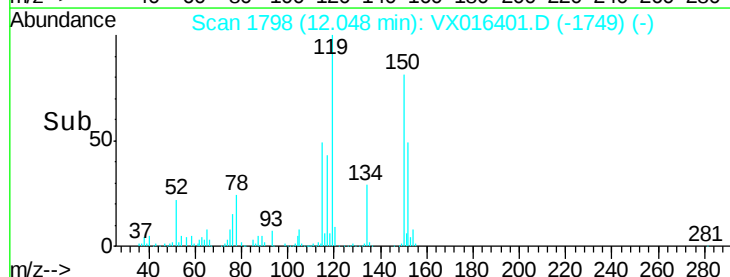
150000

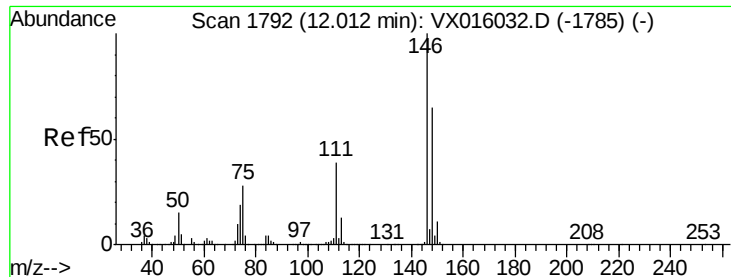
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.918 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampled :

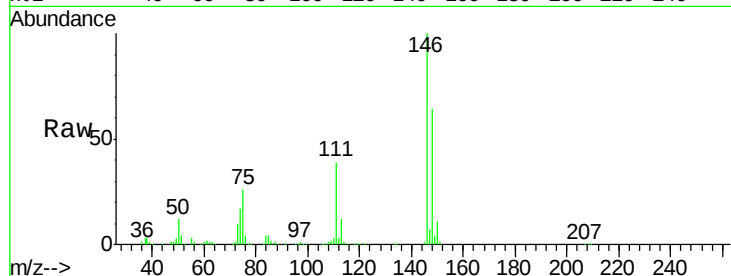
Tot Ion:146 Resp: 108343

Ion Ratio Lower Upper

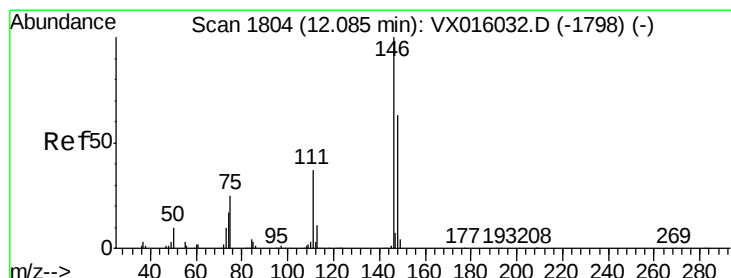
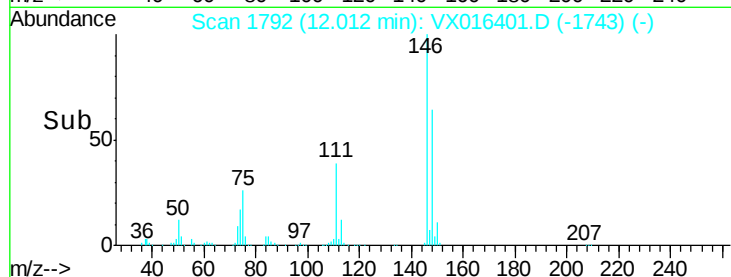
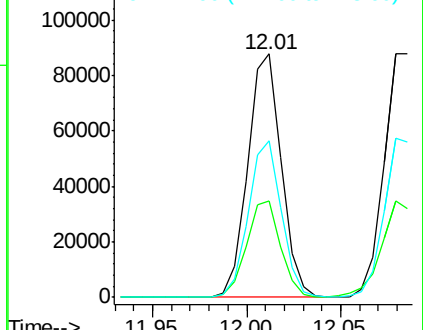
146 100

111 40.0 20.2 60.6

148 63.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.256 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

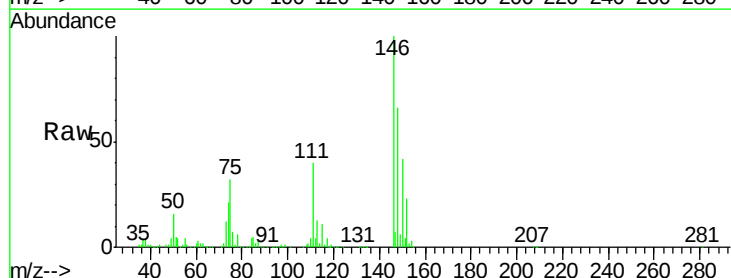
Tgt Ion:146 Resp: 111929

Ion Ratio Lower Upper

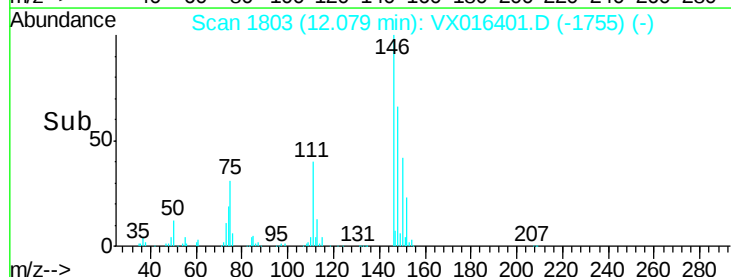
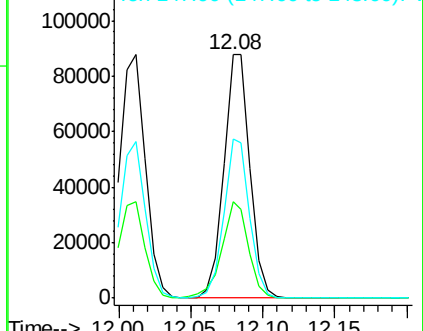
146 100

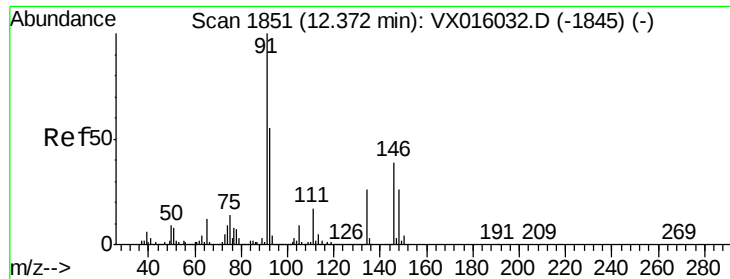
111 40.3 19.6 58.7

148 64.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 15.986 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampleId :

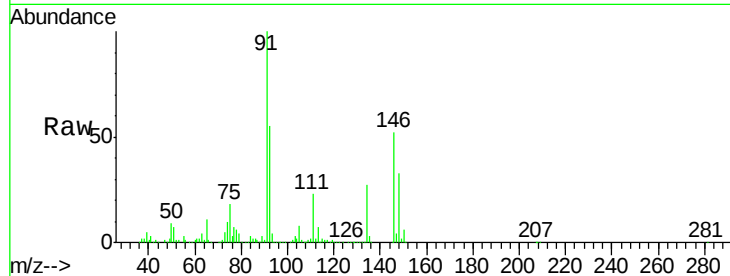
Tot Ion: 91 Resp: 164612

Ion Ratio Lower Upper

91 100

92 54.9 27.6 82.7

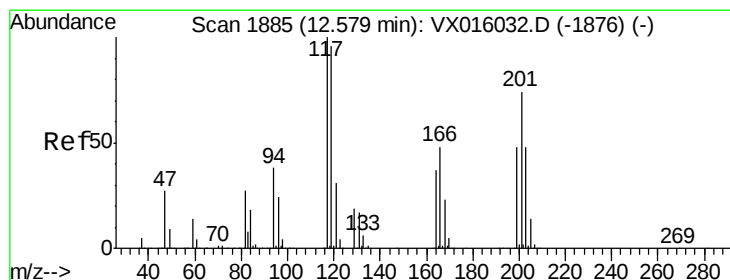
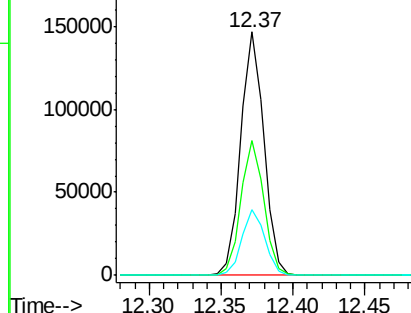
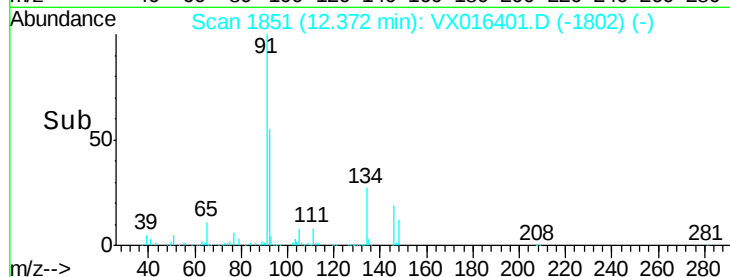
134 26.7 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016401.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX016401.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX016401.D (-1802) (-)



#90

Hexachloroethane

Concen: 17.487 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016401.D

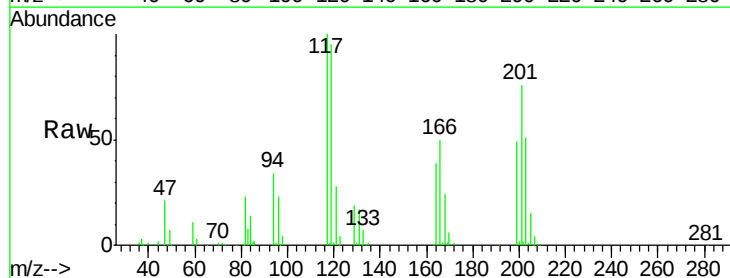
Acq: 22 May 2020 10:57

Tgt Ion: 117 Resp: 33851

Ion Ratio Lower Upper

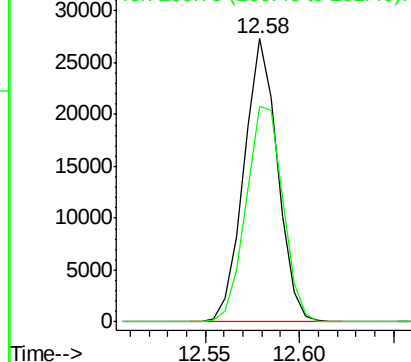
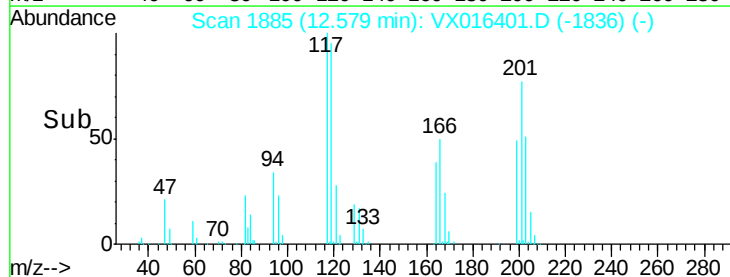
117 100

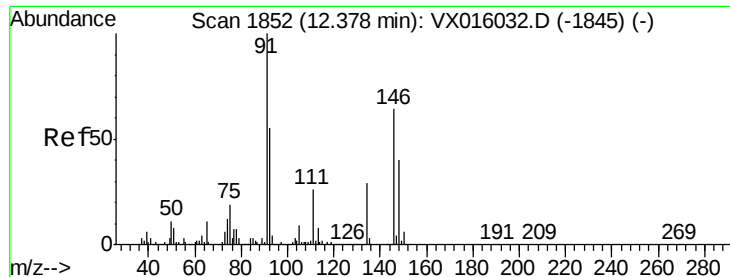
201 83.1 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016401.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX016401.D (-1836) (-)

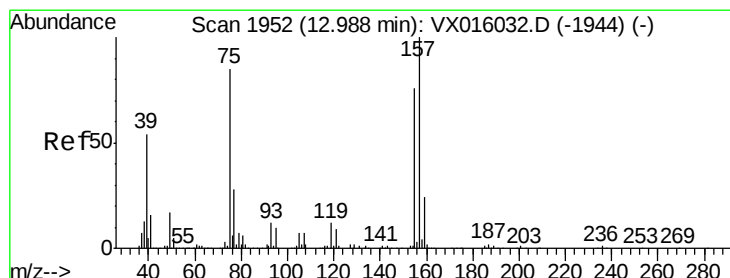
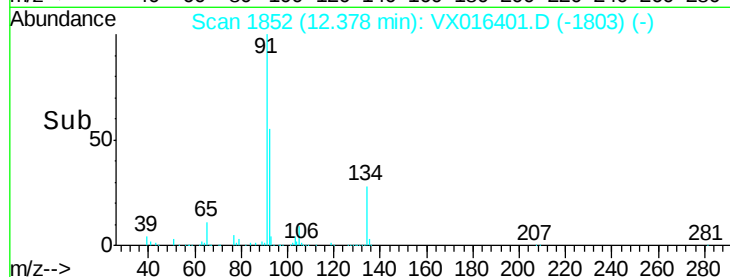
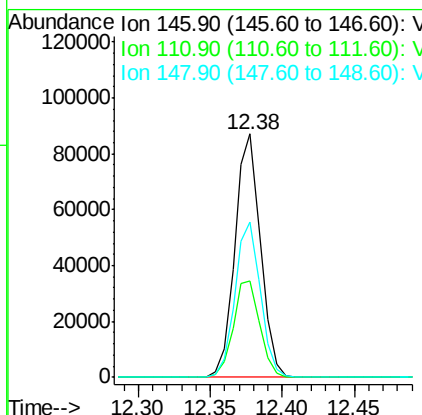
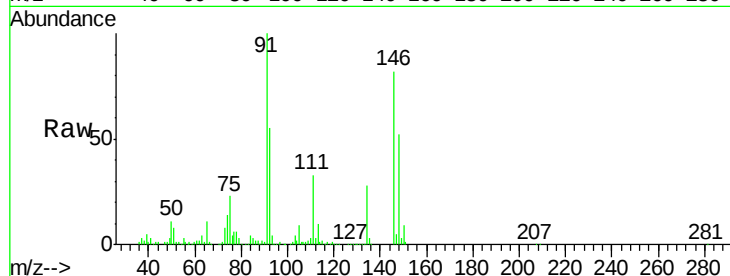




#91
 1,2-Dichlorobenzene
 Concen: 19.588 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

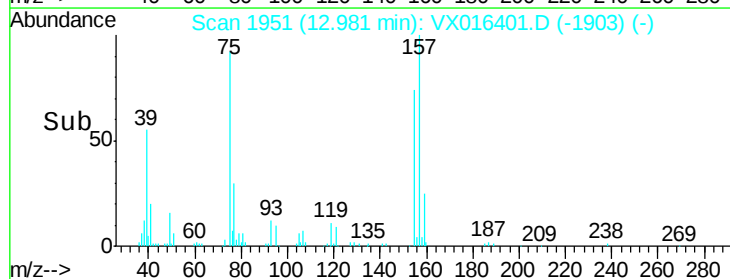
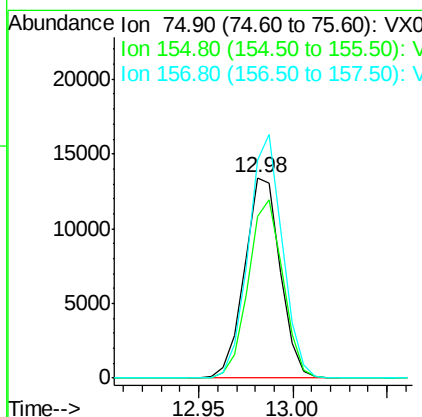
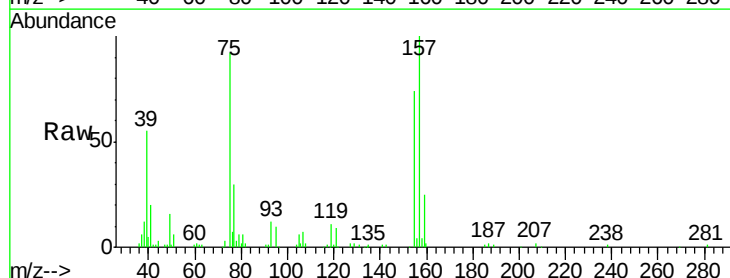
Instrument :
 MSVOA_X
 ClientSampled :

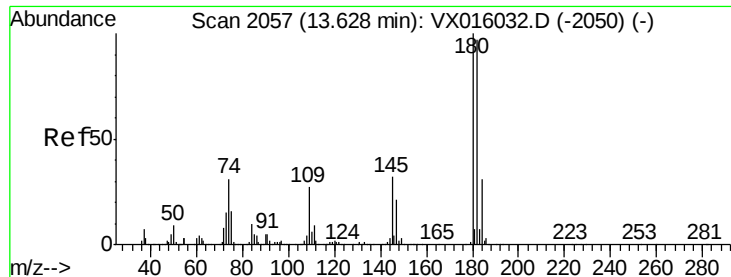
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.1	63.1
148	63.2	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.274 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.7	42.5	127.5
157	115.8	55.3	165.8

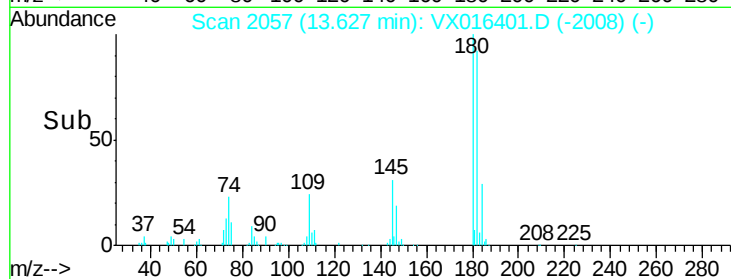
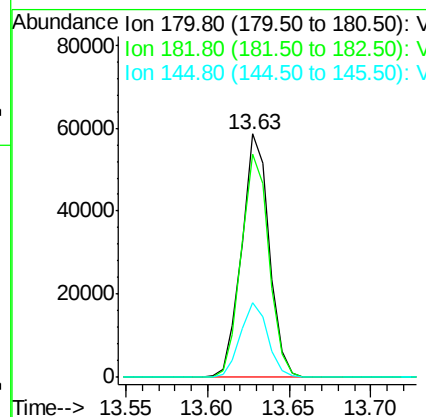
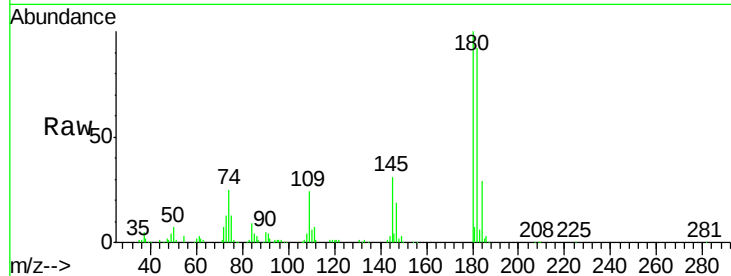




#93
 1,2,4-Trichlorobenzene
 Concen: 16.826 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

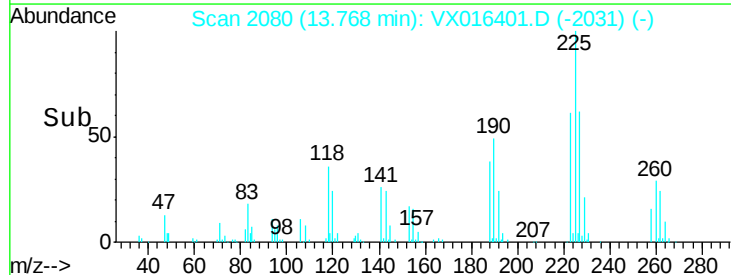
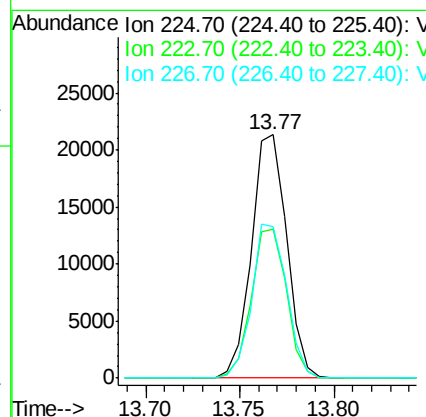
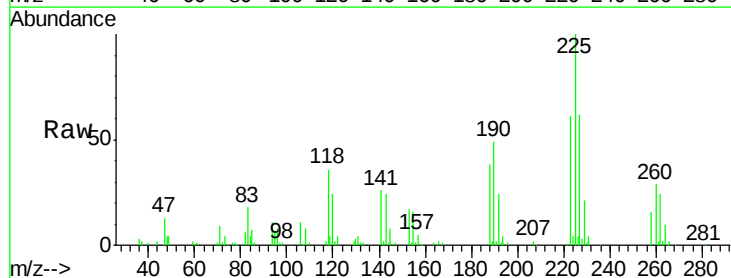
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 68695
 Ion Ratio Lower Upper
 180 100
 182 92.5 48.7 146.1
 145 30.7 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 16.110 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016401.D
 Acq: 22 May 2020 10:57

Tgt Ion:225 Resp: 27691
 Ion Ratio Lower Upper
 225 100
 223 61.1 32.3 96.9
 227 62.4 31.8 95.4





#95

Naphthalene

Concen: 17.714 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA_X

ClientSampled :

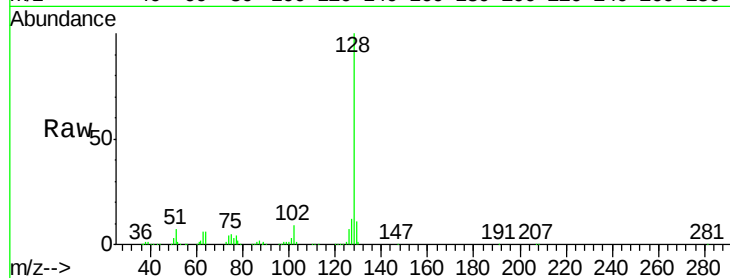
Tot Ion:128 Resp: 234182

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

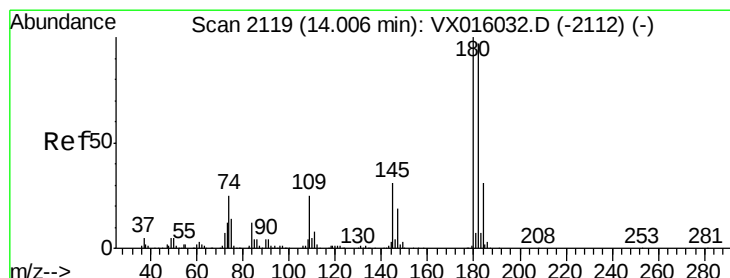
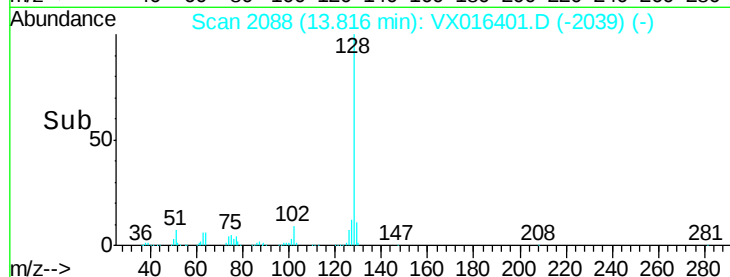
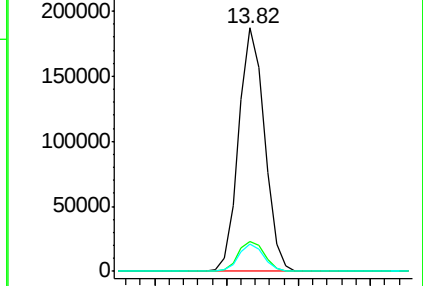
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.696 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

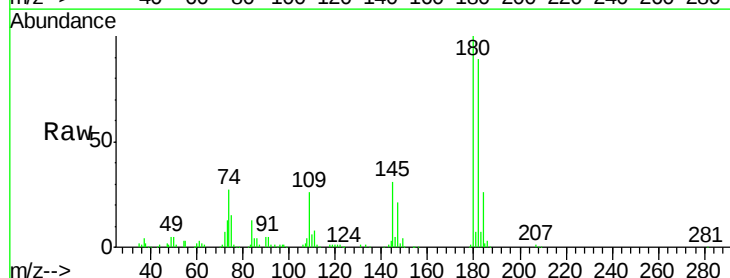
Tgt Ion:180 Resp: 66619

Ion Ratio Lower Upper

180 100

182 95.1 48.4 145.0

145 33.1 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

