

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
 Data File : VX016431.D
 Acq On : 26 May 2020 17:41
 Operator : JC/SP
 Sample : VX0526WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 27 05:22:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	140579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	233691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	226760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	110611	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	90712	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	5.46	113	69151	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	
50) Toluene-d8	8.70	98	272510	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.12	95	99765	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	21195	18.578	ug/l	98
3) Chloromethane	1.31	50	29455	21.115	ug/l	99
4) Vinyl Chloride	1.39	62	39420	21.393	ug/l	98
5) Bromomethane	1.63	94	30949	15.612	ug/l	100
6) Chloroethane	1.71	64	28332	20.849	ug/l	98
7) Trichlorofluoromethane	1.92	101	67283	21.946	ug/l	99
8) Diethyl Ether	2.17	74	26271	21.022	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	25178	18.899	ug/l	99
10) Methyl Iodide	2.49	142	21431	18.301	ug/l	98
11) Tert butyl alcohol	3.01	59	38904	92.423	ug/l	97
12) 1,1-Dichloroethene	2.35	96	24338	17.865	ug/l	92
13) Acrolein	2.27	56	25601	113.612	ug/l	98
14) Allyl chloride	2.70	41	41740	18.754	ug/l	99
15) Acrylonitrile	3.11	53	79284	94.590	ug/l	99
16) Acetone	2.42	43	70577	97.308	ug/l	96
17) Carbon Disulfide	2.55	76	73644	18.267	ug/l	99
18) Methyl Acetate	2.75	43	33907	19.169	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	89668	18.884	ug/l	97
20) Methylene Chloride	2.83	84	28491	18.211	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	27912	18.029	ug/l	95
22) Diisopropyl ether	3.82	45	85354	19.038	ug/l	# 87
23) Vinyl Acetate	3.78	43	385234	96.084	ug/l	98
24) 1,1-Dichloroethane	3.67	63	49519	18.622	ug/l	99
25) 2-Butanone	4.64	43	111572	94.675	ug/l	99
26) 2,2-Dichloropropane	4.55	77	47931	19.830	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	33338	18.900	ug/l	96
28) Bromochloromethane	4.98	49	25151	19.731	ug/l	92
29) Tetrahydrofuran	5.08	42	72375	94.759	ug/l	99
30) Chloroform	5.17	83	54563	19.526	ug/l	90
31) Cyclohexane	5.55	56	43238	19.158	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	49421	19.315	ug/l	98
36) 1,1-Dichloropropene	5.77	75	39723	19.174	ug/l	98
37) Ethyl Acetate	4.79	43	43431	18.969	ug/l	99
38) Carbon Tetrachloride	5.76	117	42558	18.954	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	44346	19.326	ug/l	96
40) Benzene	6.11	78	118367	19.143	ug/l	99
41) Methacrylonitrile	5.00	41	22197	18.132	ug/l	96
42) 1,2-Dichloroethane	6.16	62	45206	20.029	ug/l	99
43) Isopropyl Acetate	6.41	43	72499	19.740	ug/l	99
44) Trichloroethene	7.19	130	37470	18.487	ug/l	99
45) 1,2-Dichloropropane	7.49	63	29921	19.375	ug/l	92
46) Dibromomethane	7.64	93	21207	18.846	ug/l	95
47) Bromodichloromethane	7.87	83	42832	18.846	ug/l	95
48) Methyl methacrylate	7.74	41	31191	18.637	ug/l	99
49) 1,4-Dioxane	7.71	88	15431	358.305	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	218513	94.142	ug/l	99
52) Toluene	8.76	92	75530	19.037	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	48670	18.816	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	48948	18.407	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	30152	18.637	ug/l	96
56) Ethyl methacrylate	9.16	69	45650	18.750	ug/l	97
57) 1,3-Dichloropropane	9.35	76	50726	18.910	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	112281	86.461	ug/l	98
59) 2-Hexanone	9.47	43	171822	96.137	ug/l	98
60) Dibromochloromethane	9.57	129	34396	18.488	ug/l	97
61) 1,2-Dibromoethane	9.65	107	33286	18.747	ug/l	98
64) Tetrachloroethene	9.32	164	41899	17.736	ug/l	95
65) Chlorobenzene	10.12	112	82372	18.414	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	31097	17.903	ug/l	99
67) Ethyl Benzene	10.24	91	145970	18.740	ug/l	99
68) m/p-Xylenes	10.34	106	112419	36.908	ug/l	99
69) o-Xylene	10.68	106	53378	18.441	ug/l	99
70) Styrene	10.69	104	88404	18.091	ug/l	99
71) Bromoform	10.84	173	23426	16.337	ug/l #	100
73) Isopropylbenzene	11.00	105	138989	18.612	ug/l	100
74) N-amyl acetate	10.88	43	58628	18.456	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	34735	18.413	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	56293	24.520	ug/l	84
77) Bromobenzene	11.24	156	34000	17.583	ug/l	93
78) n-propylbenzene	11.34	91	157335	18.635	ug/l	99
79) 2-Chlorotoluene	11.40	91	95413	18.996	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	117029	18.744	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	17061	17.871	ug/l	94
82) 4-Chlorotoluene	11.49	91	113722	18.825	ug/l	98
83) tert-Butylbenzene	11.76	119	98733	18.493	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	118744	18.872	ug/l	99
85) sec-Butylbenzene	11.93	105	126893	18.761	ug/l	98
86) p-Isopropyltoluene	12.05	119	118067	18.685	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	61460	17.904	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	62754	18.060	ug/l	97
89) n-Butylbenzene	12.37	91	102250	18.652	ug/l	97
90) Hexachloroethane	12.58	117	21310	18.609	ug/l	88
91) 1,2-Dichlorobenzene	12.38	146	61516	18.186	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	11195	19.178	ug/l	91

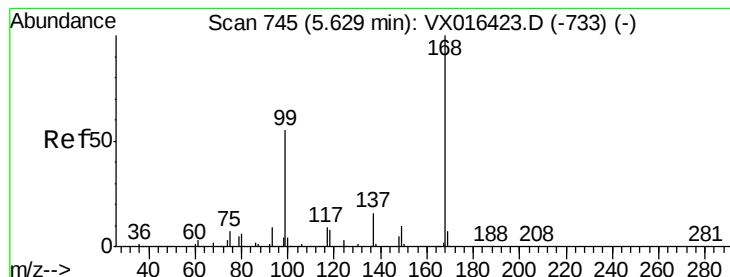
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	34547	16.408	ug/l	99
94) Hexachlorobutadiene	13.77	225	13135	17.301	ug/l	95
95) Naphthalene	13.82	128	129516	17.167	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	35348	17.370	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

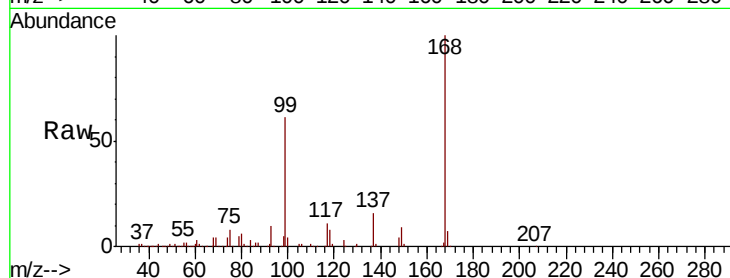
ClientSampleId :

Tot Ion:168 Resp: 140579

Ion Ratio Lower Upper

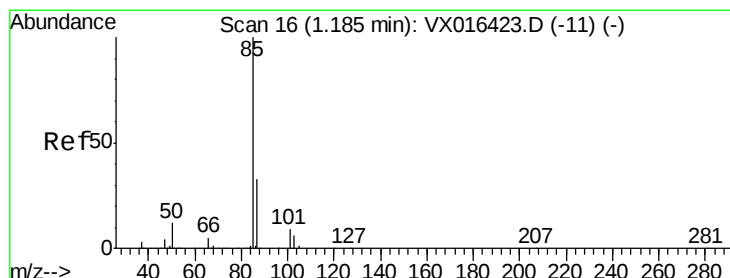
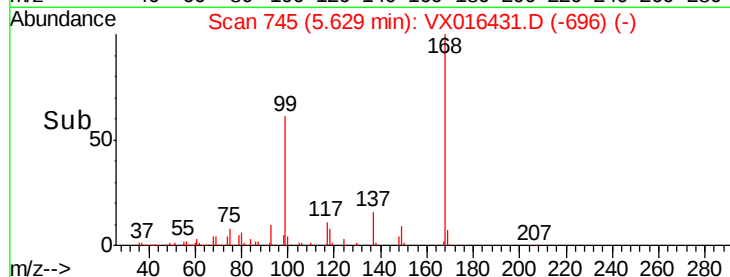
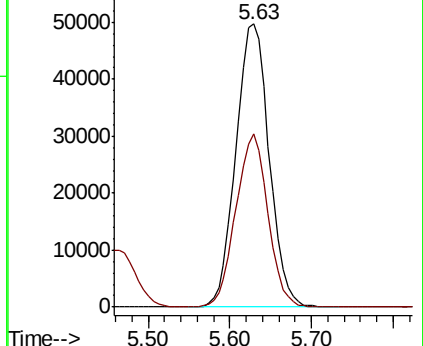
168 100

99 61.1 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.578 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016431.D

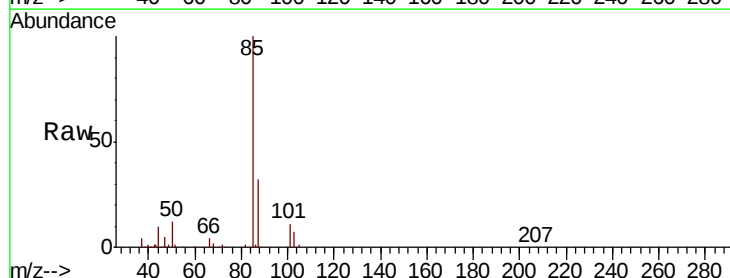
Acq: 26 May 2020 17:41

Tgt Ion: 85 Resp: 21195

Ion Ratio Lower Upper

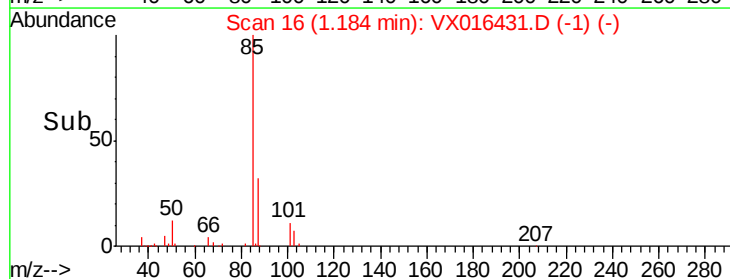
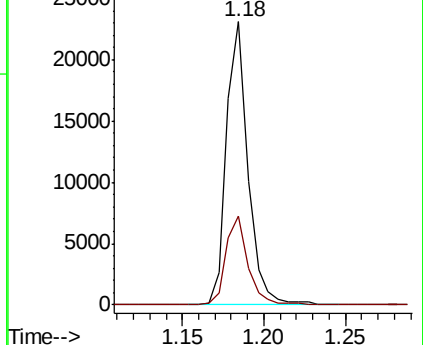
85 100

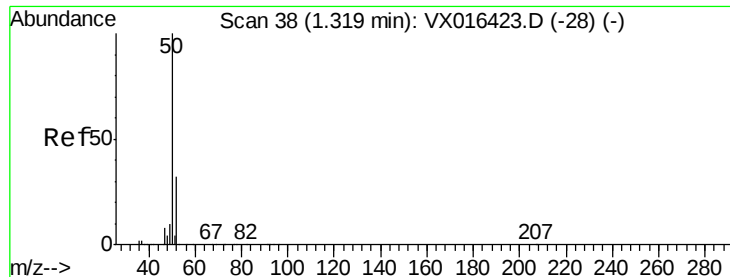
87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.115 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

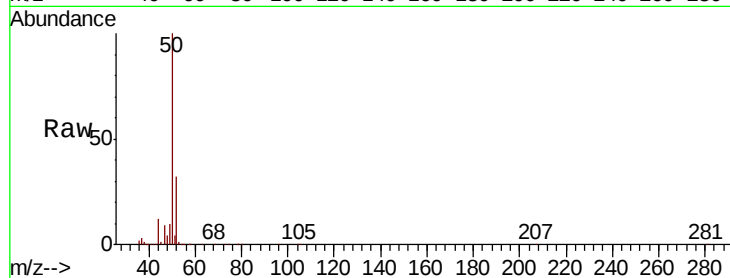
ClientSampleId :

Tot Ion: 50 Resp: 29455

Ion Ratio Lower Upper

50 100

52 32.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

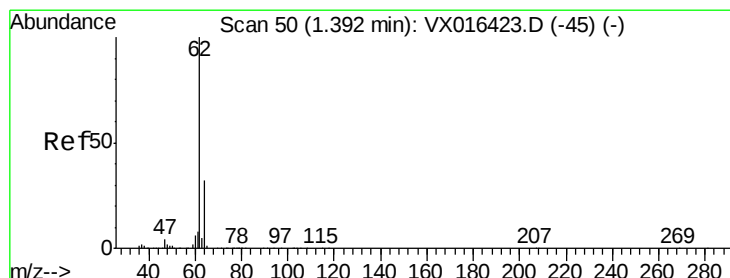
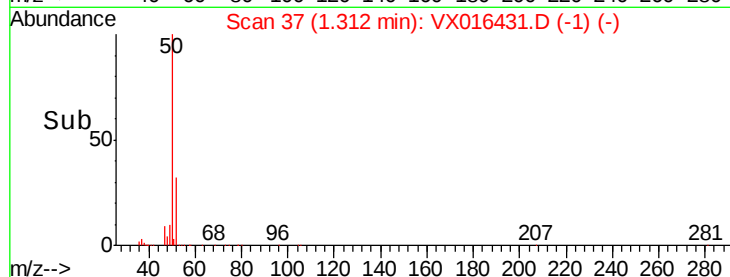
30000

20000

10000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 21.393 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016431.D

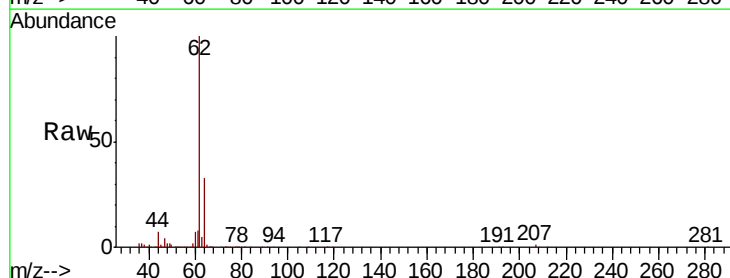
Acq: 26 May 2020 17:41

Tgt Ion: 62 Resp: 39420

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

50000

40000

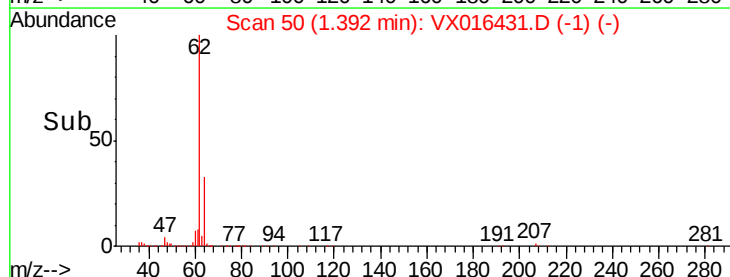
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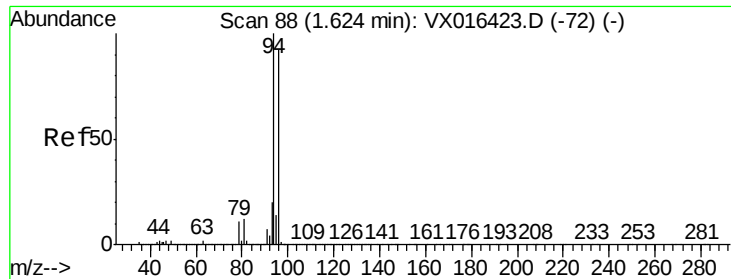
20000

10000

0

Time--> 1.30 1.35 1.40 1.45





#5

Bromomethane

Concen: 15.612 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

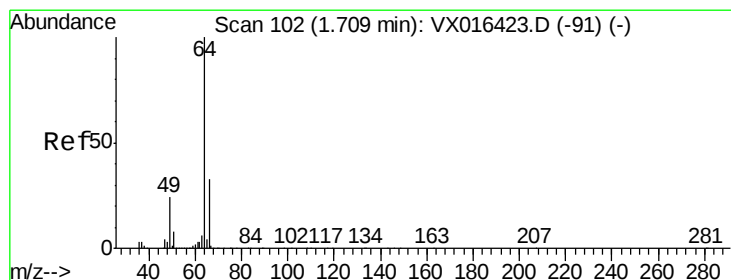
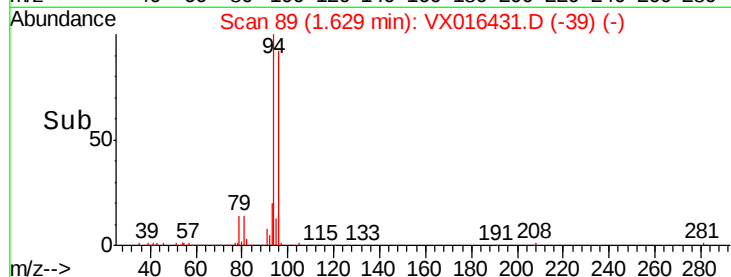
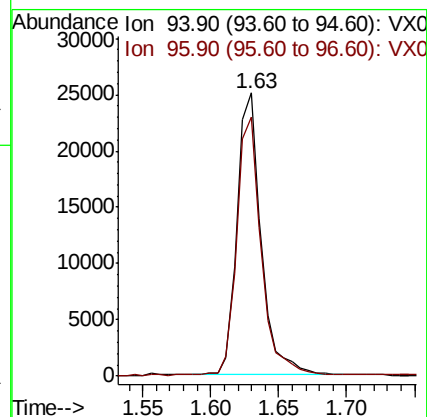
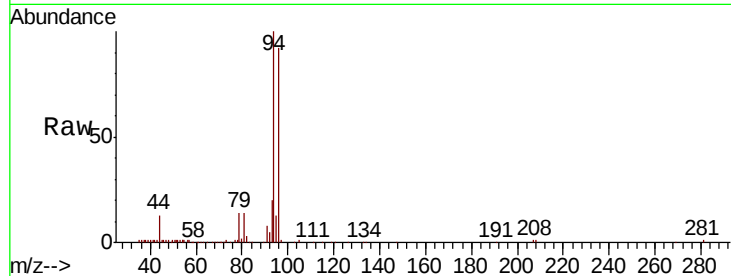
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 30949

Ion Ratio Lower Upper

94 100

96 91.6 73.7 110.5



#6

Chloroethane

Concen: 20.849 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016431.D

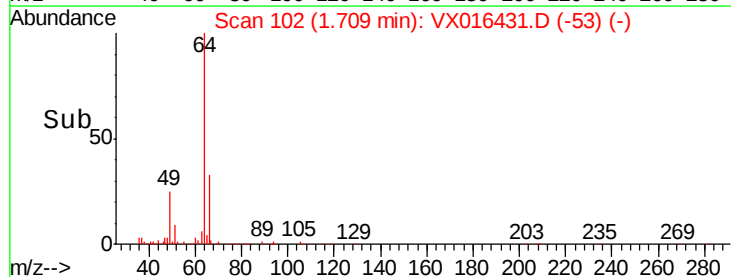
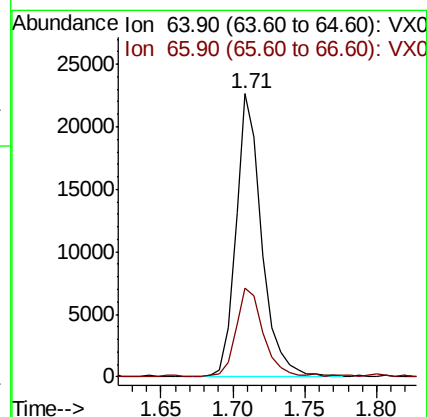
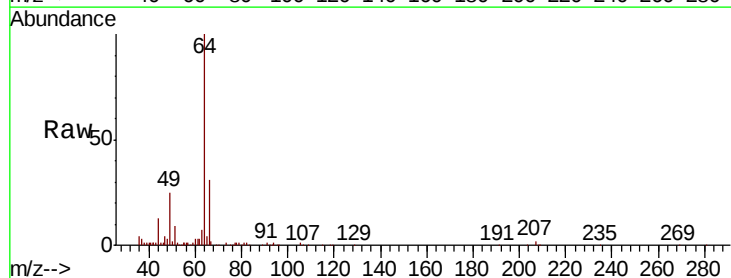
Acq: 26 May 2020 17:41

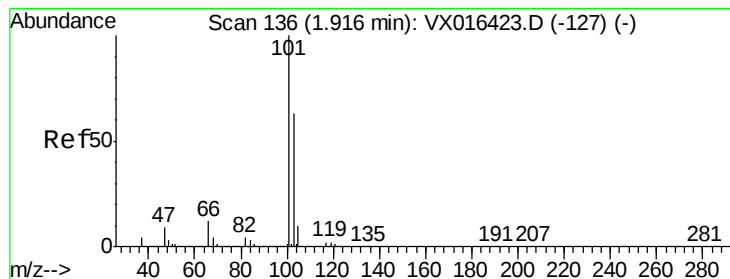
Tgt Ion: 64 Resp: 28332

Ion Ratio Lower Upper

64 100

66 31.4 26.0 39.0



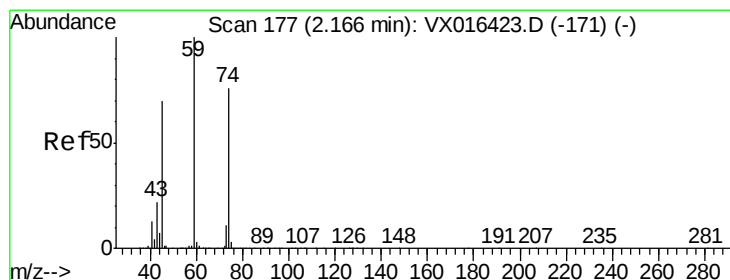
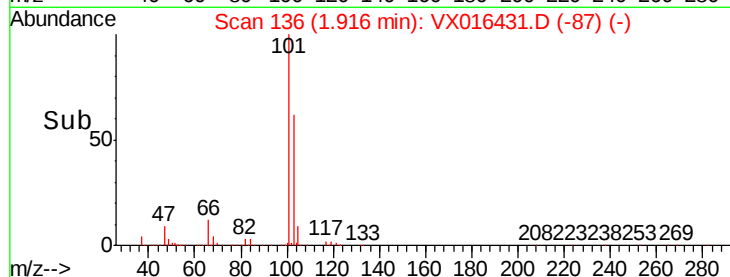
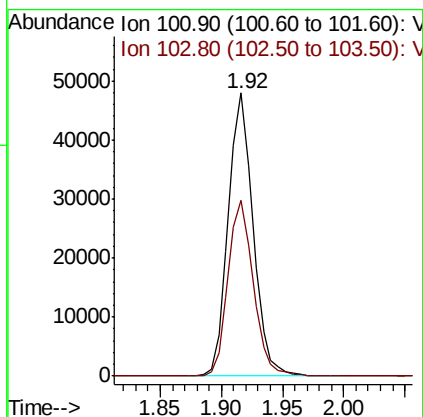
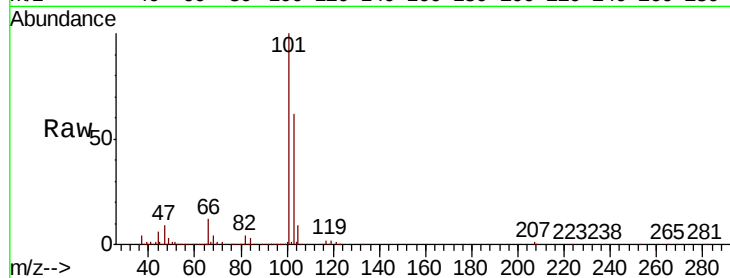


#7

Trichlorofluoromethane
 Concen: 21.946 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :

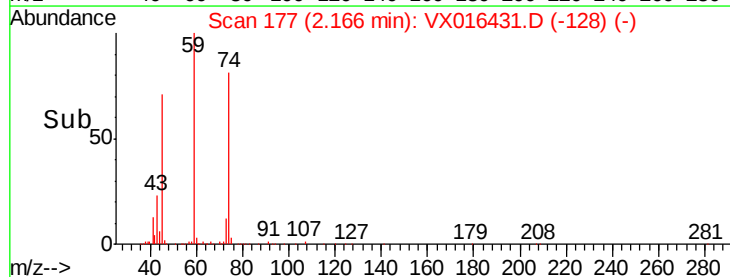
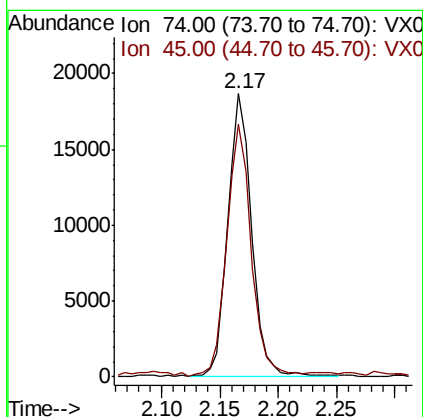
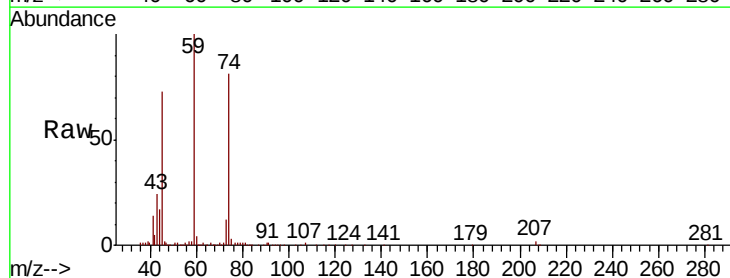
Tot Ion:101 Resp: 67283
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.1 75.1

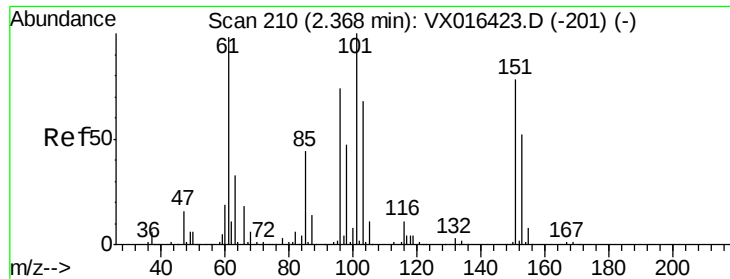


#8

Diethyl Ether
 Concen: 21.022 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion: 74 Resp: 26271
 Ion Ratio Lower Upper
 74 100
 45 93.3 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.899 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

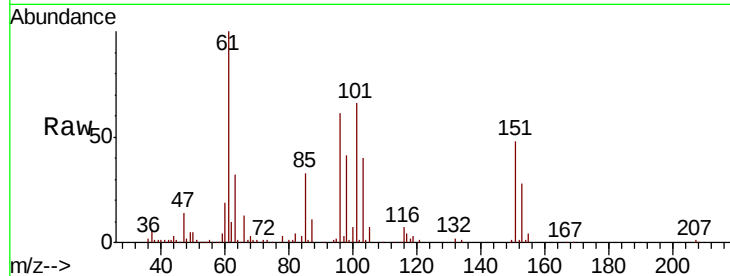
Tot Ion:101 Resp: 25178

Ion Ratio Lower Upper

101 100

85 46.7 36.2 54.4

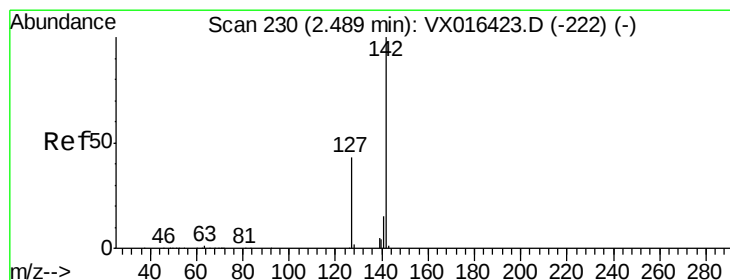
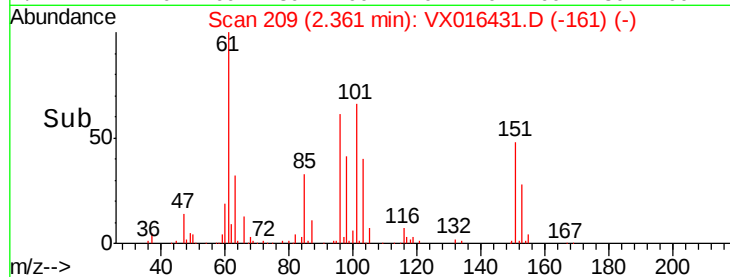
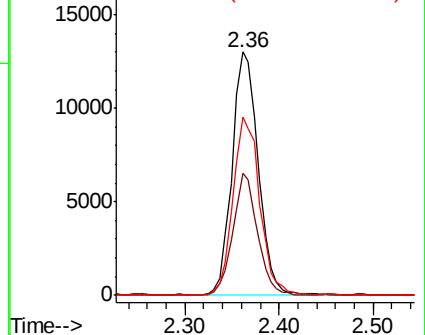
151 74.9 60.4 90.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.301 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

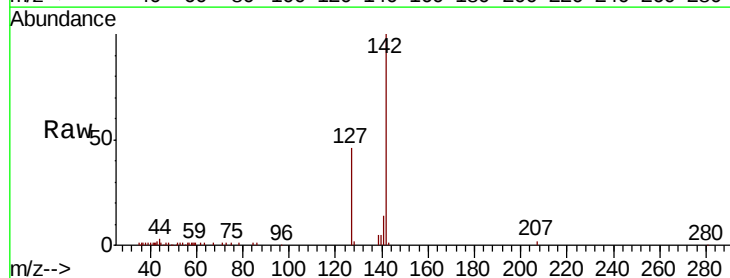
Tgt Ion:142 Resp: 21431

Ion Ratio Lower Upper

142 100

127 44.3 36.2 54.4

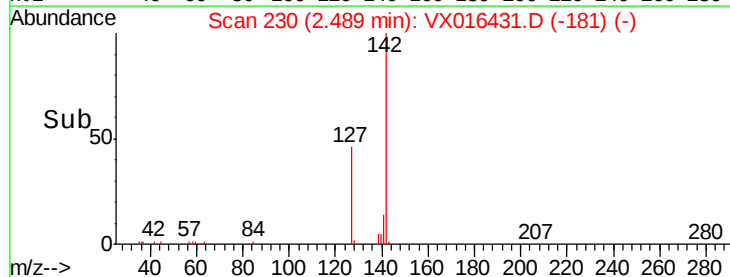
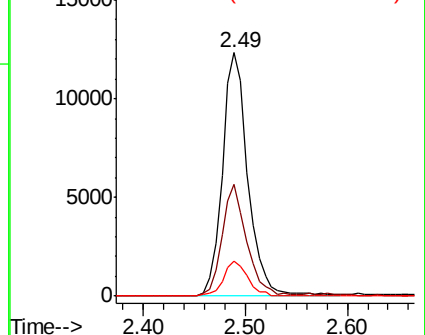
141 13.6 12.2 18.2

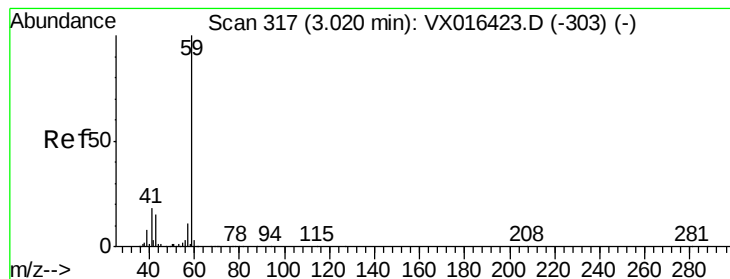


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



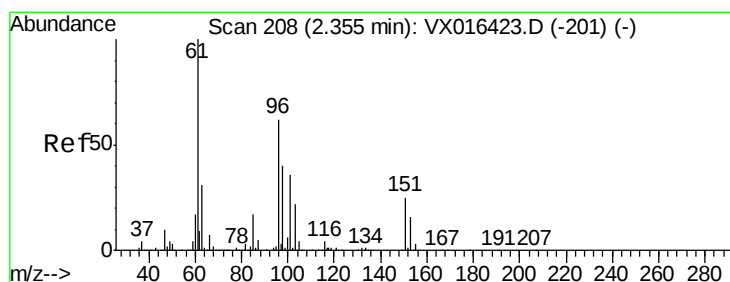
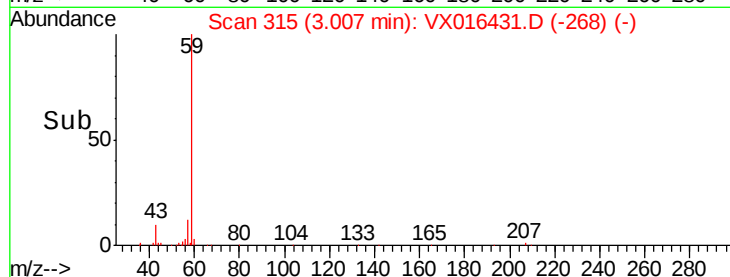
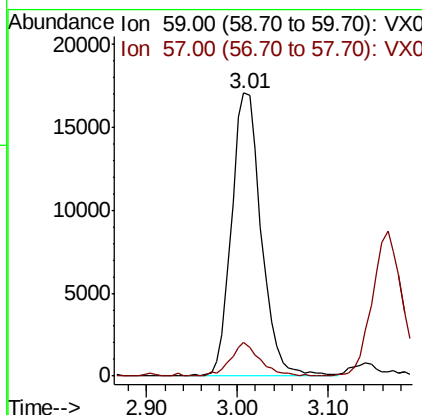
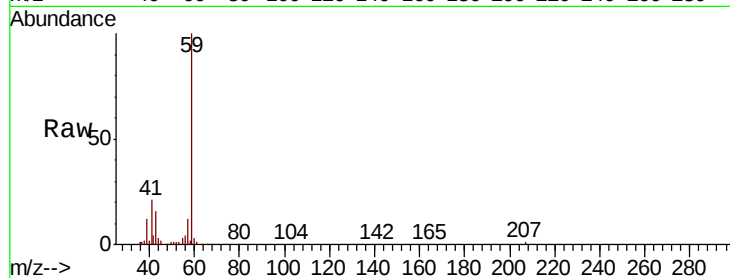


#11

Tert butyl alcohol
 Concen: 92.423 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :

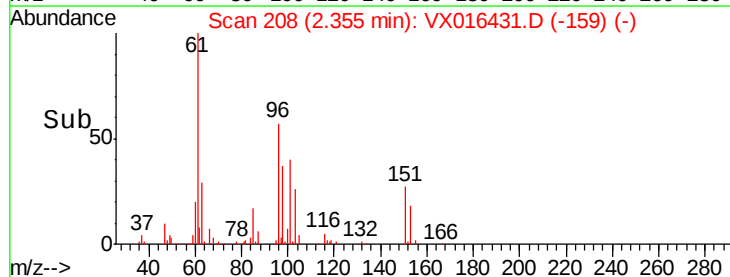
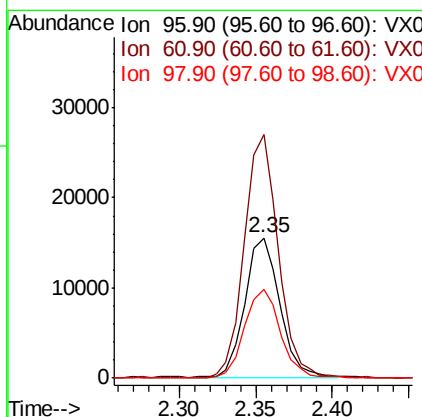
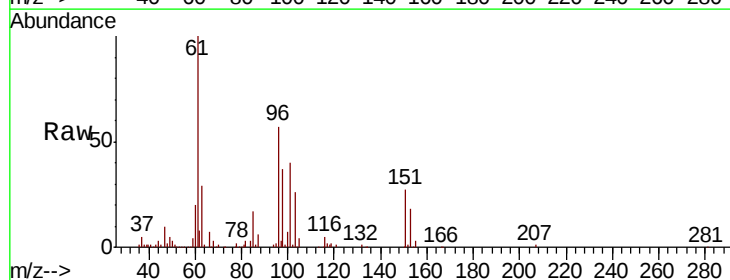
Tot Ion: 59 Resp: 38904
 Ion Ratio Lower Upper
 59 100
 57 11.9 8.5 12.7

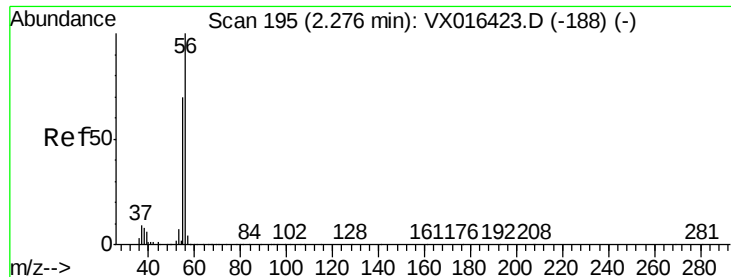


#12

1,1-Dichloroethene
 Concen: 17.865 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion: 96 Resp: 24338
 Ion Ratio Lower Upper
 96 100
 61 175.2 128.2 192.4
 98 64.3 50.8 76.2





#13

Acrolein

Concen: 113.612 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

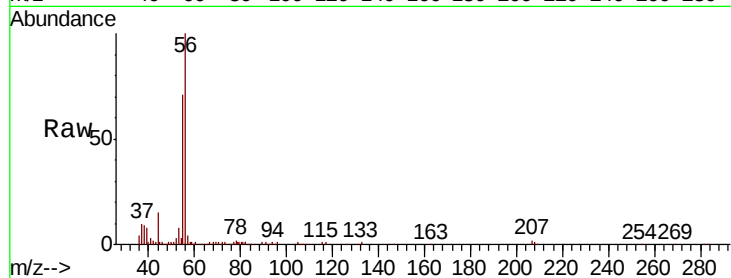
ClientSampleId :

Tot Ion: 56 Resp: 25601

Ion Ratio Lower Upper

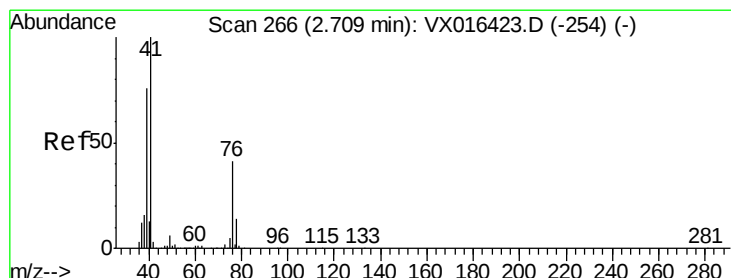
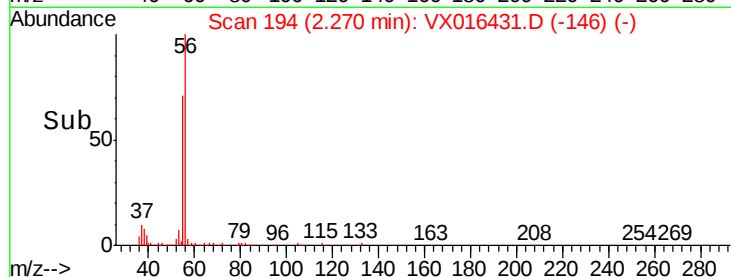
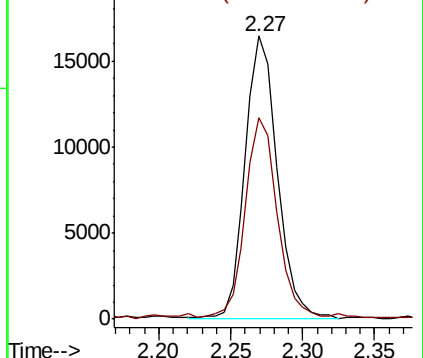
56 100

55 69.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.754 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

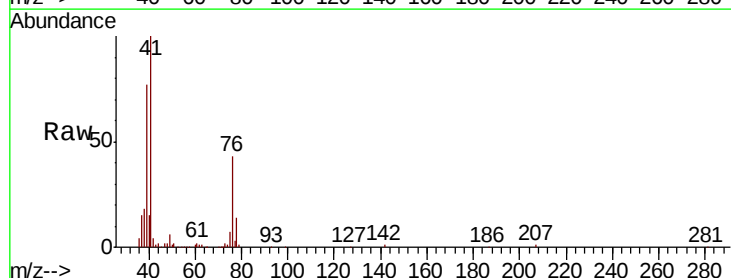
Tgt Ion: 41 Resp: 41740

Ion Ratio Lower Upper

41 100

39 70.7 55.8 83.8

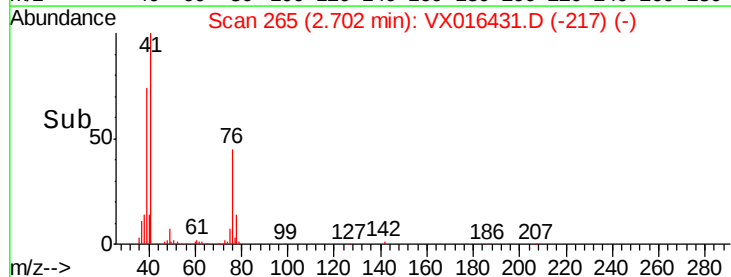
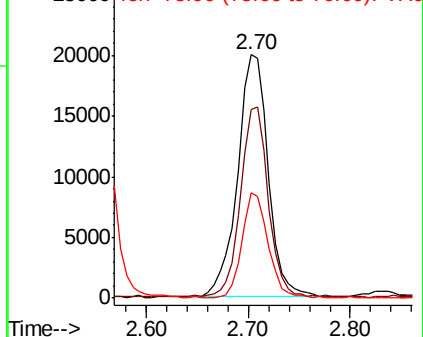
76 37.2 29.6 44.4

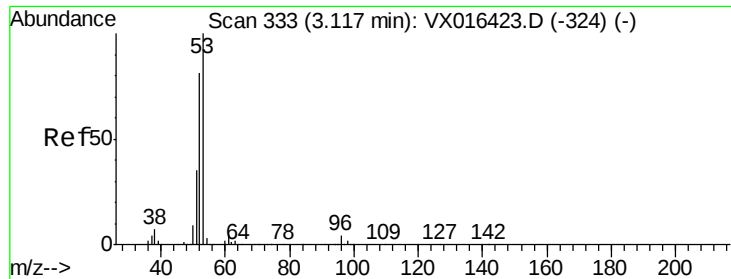


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 94.590 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

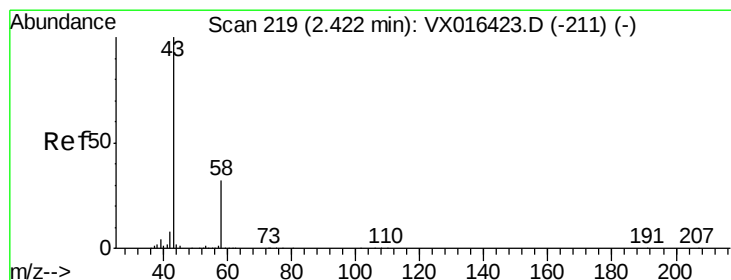
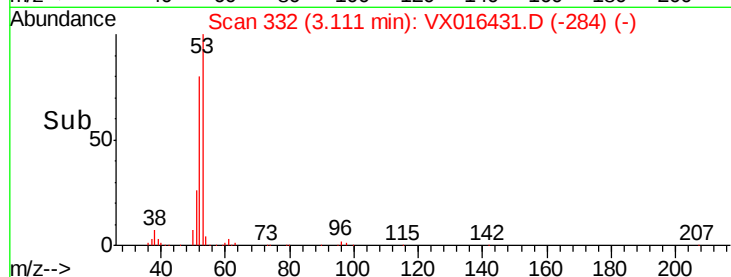
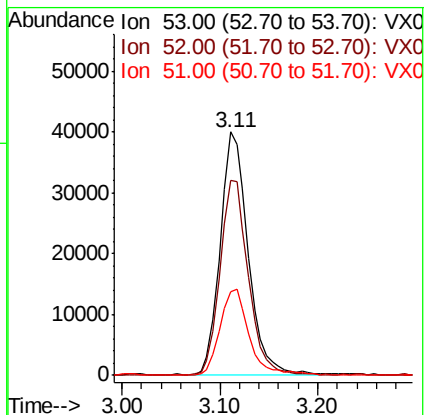
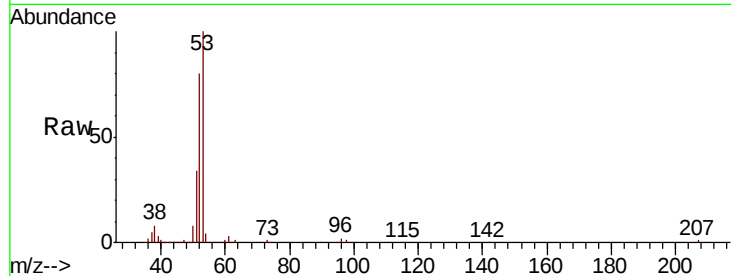
Tot Ion: 53 Resp: 79284

Ion Ratio Lower Upper

53 100

52 81.3 65.4 98.2

51 37.3 28.4 42.6



#16

Acetone

Concen: 97.308 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016431.D

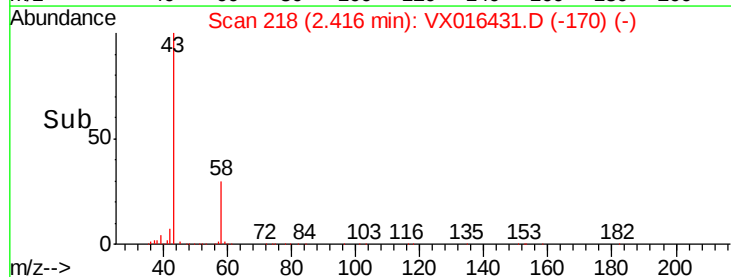
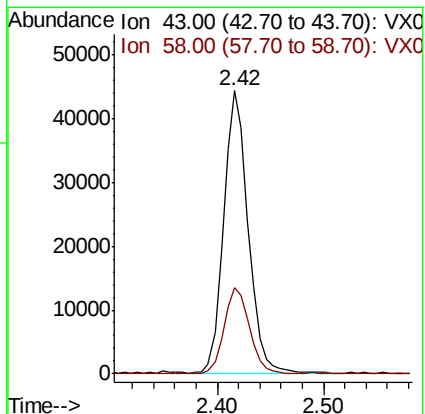
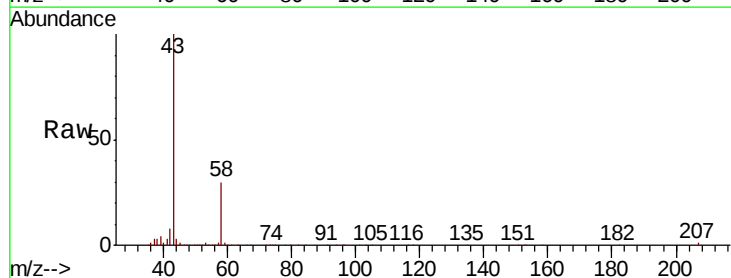
Acq: 26 May 2020 17:41

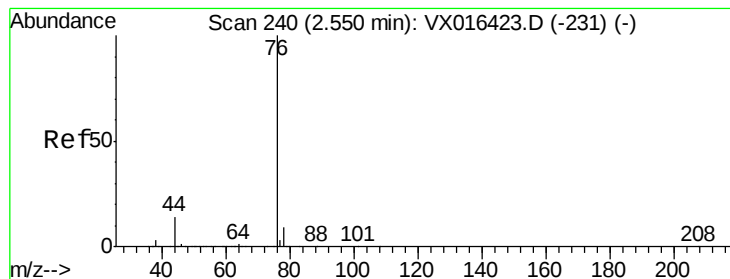
Tgt Ion: 43 Resp: 70577

Ion Ratio Lower Upper

43 100

58 30.2 26.0 39.0





#17

Carbon Disulfide

Concen: 18.267 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

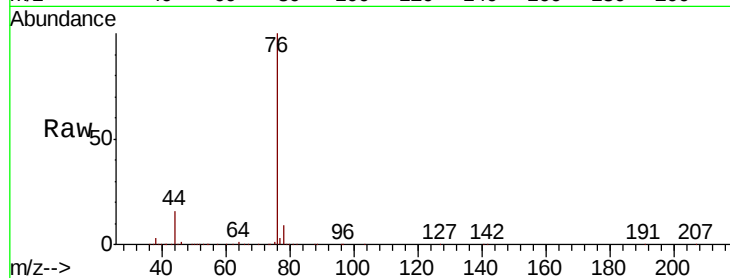
ClientSampled :

Tot Ion: 76 Resp: 73644

Ion Ratio Lower Upper

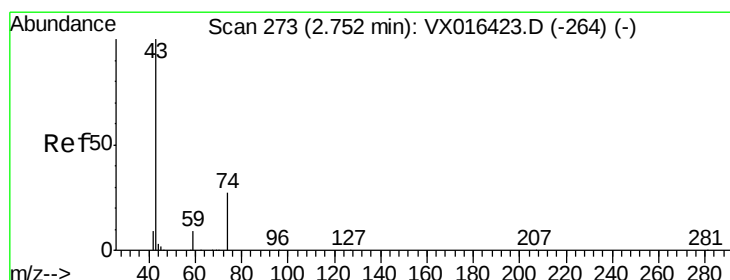
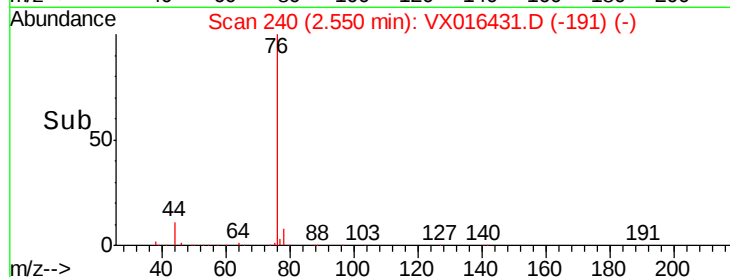
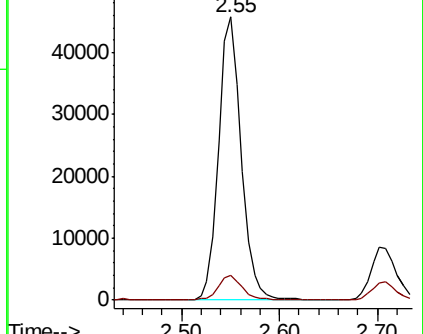
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.169 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016431.D

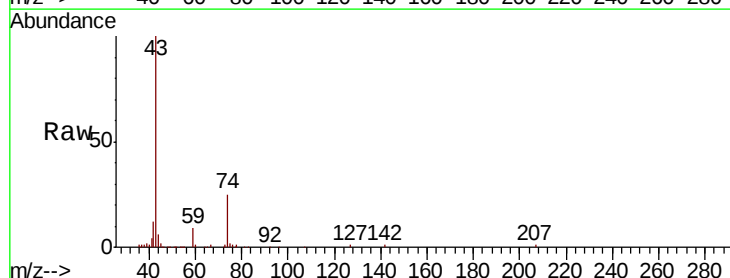
Acq: 26 May 2020 17:41

Tgt Ion: 43 Resp: 33907

Ion Ratio Lower Upper

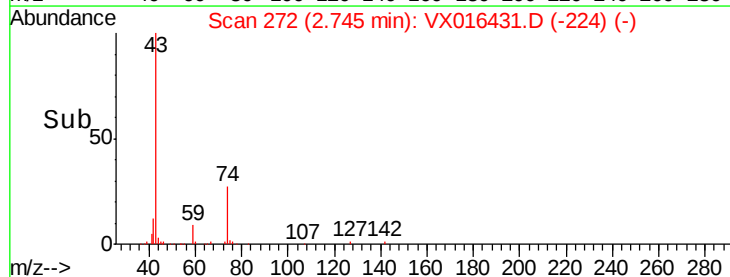
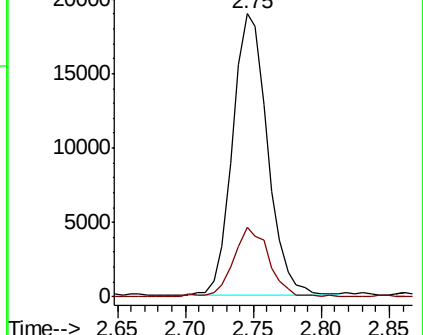
43 100

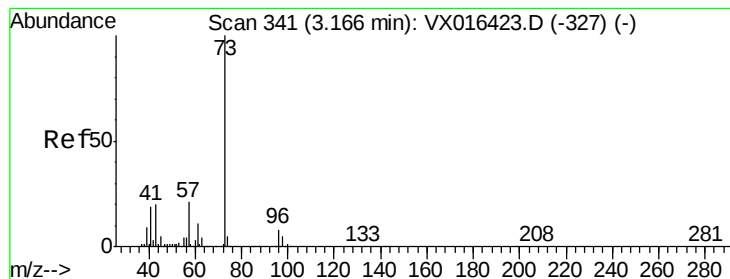
74 25.7 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



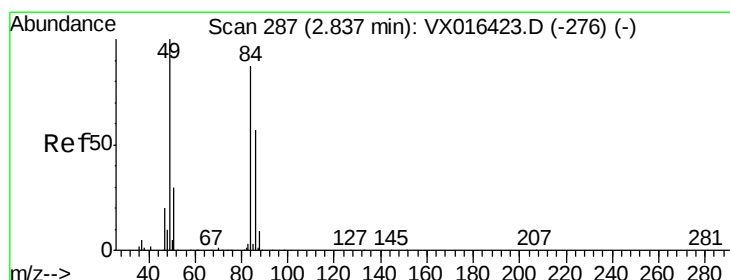
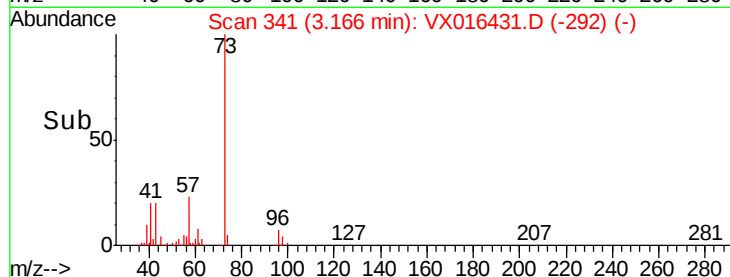
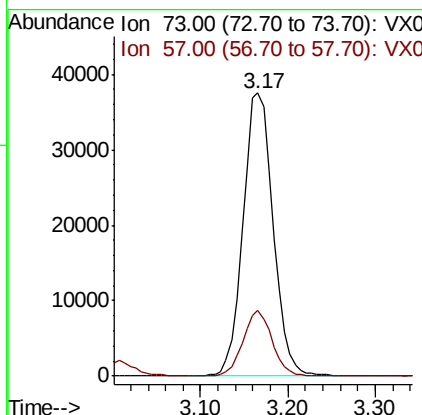
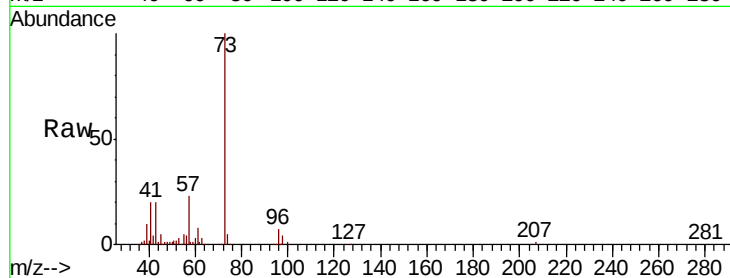


#19

Methyl tert-butyl Ether
 Concen: 18.884 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :

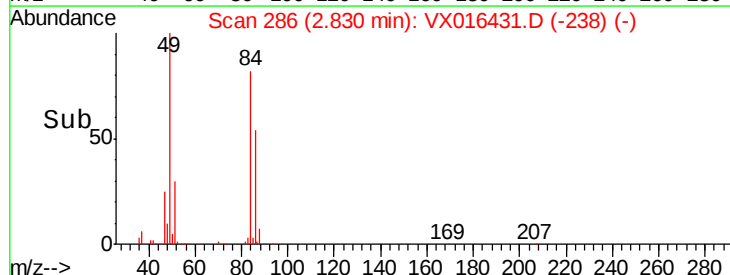
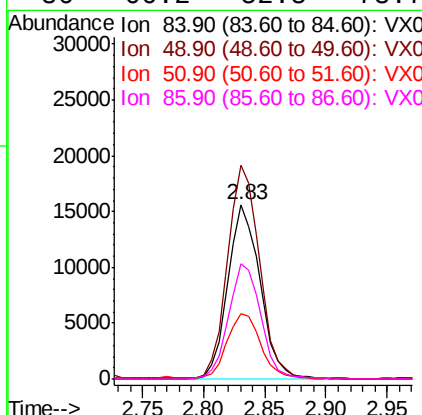
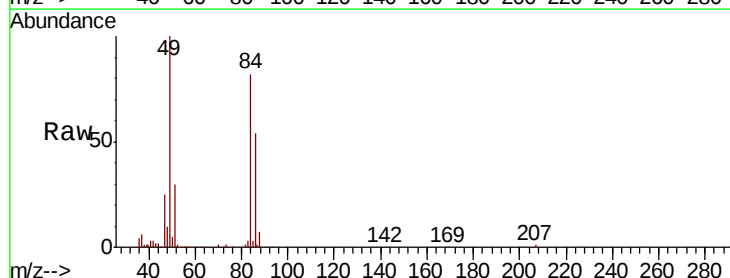
Tot Ion: 73 Resp: 89668
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.3 25.9

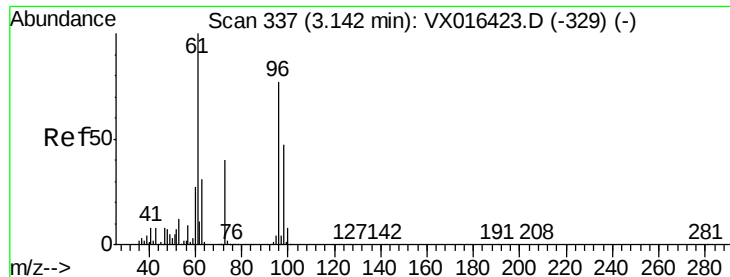


#20

Methylene Chloride
 Concen: 18.211 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion: 84 Resp: 28491
 Ion Ratio Lower Upper
 84 100
 49 122.1 92.2 138.4
 51 36.8 27.8 41.8
 86 66.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.029 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

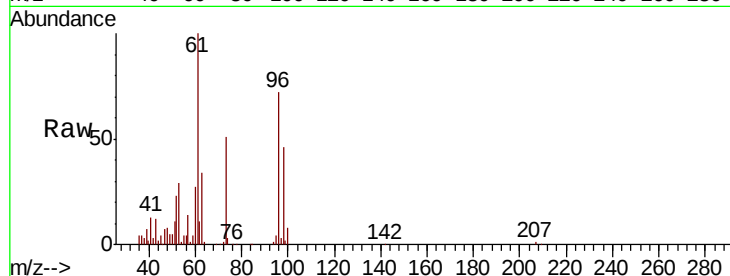
Tot Ion: 96 Resp: 27912

Ion Ratio Lower Upper

96 100

61 137.6 104.3 156.5

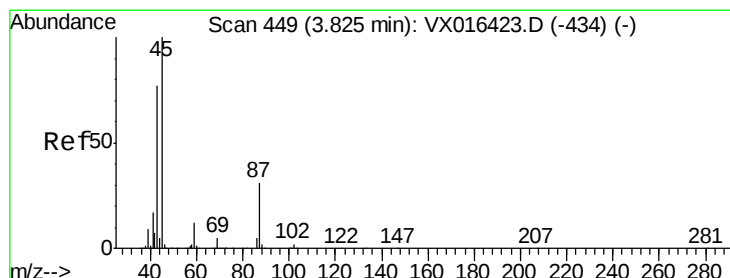
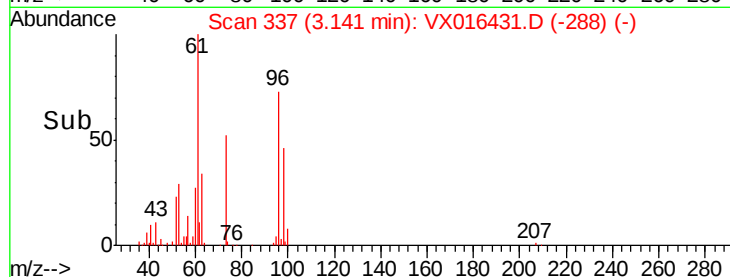
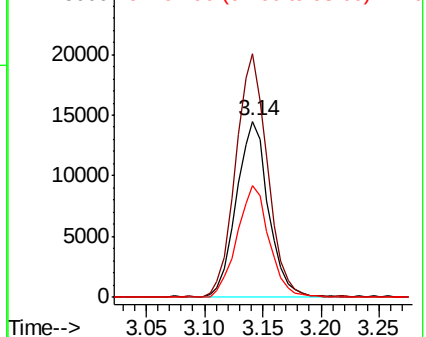
98 63.4 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.038 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion: 45 Resp: 85354

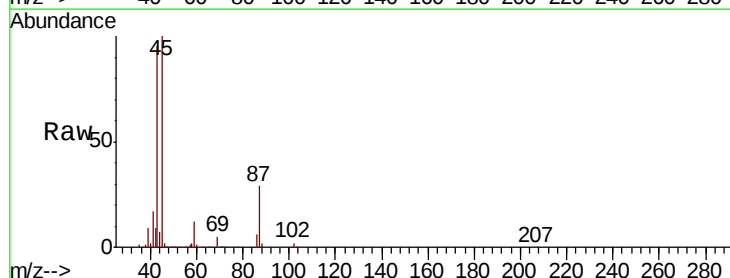
Ion Ratio Lower Upper

45 100

43 93.7 61.4 92.2#

87 29.0 24.4 36.6

59 11.5 9.4 14.2

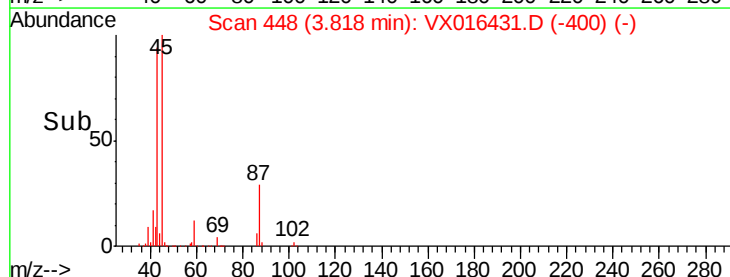
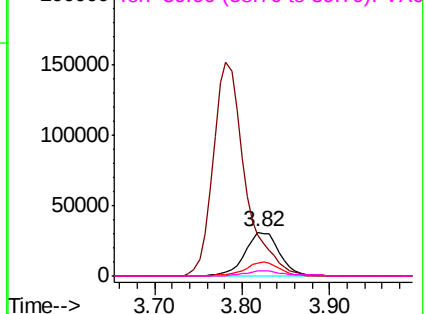


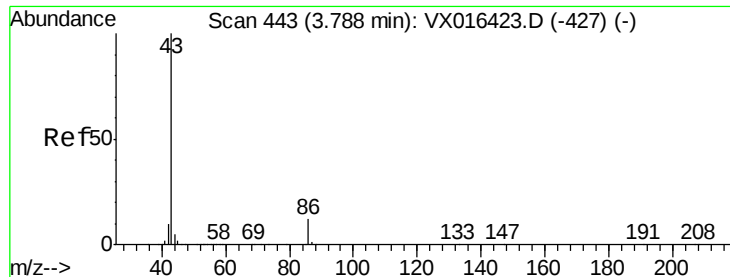
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.084 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

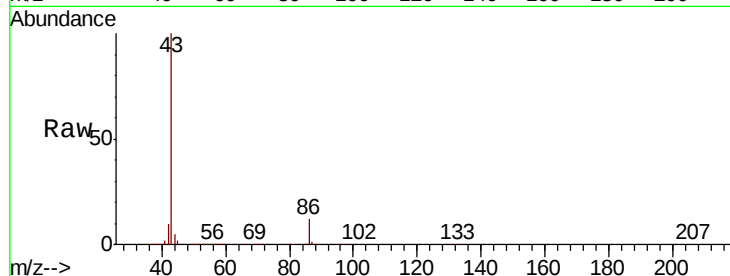
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 385234

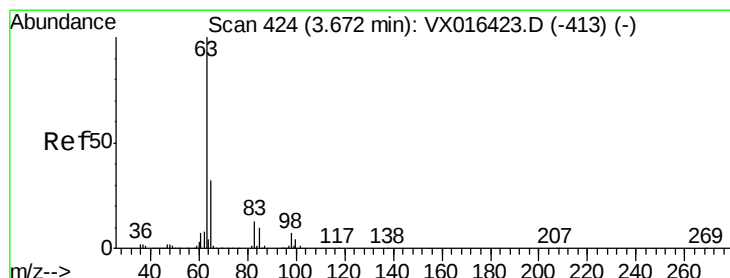
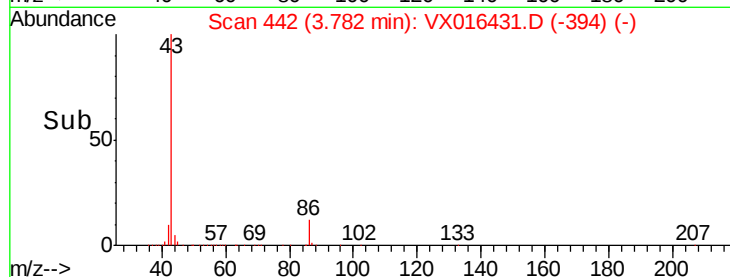
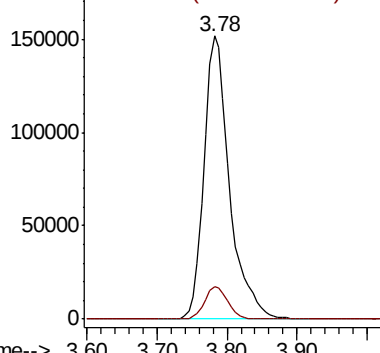
Ion Ratio Lower Upper

43 100

86 11.5 9.8 14.8



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



#24

1,1-Dichloroethane

Concen: 18.622 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

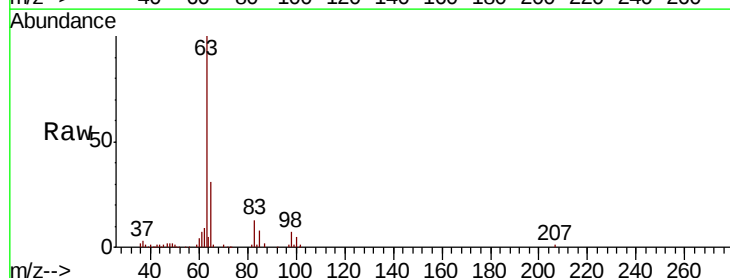
Tgt Ion: 63 Resp: 49519

Ion Ratio Lower Upper

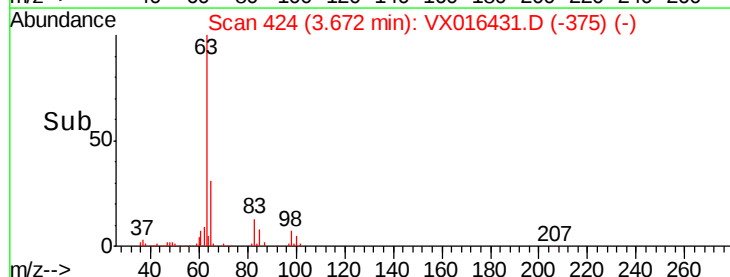
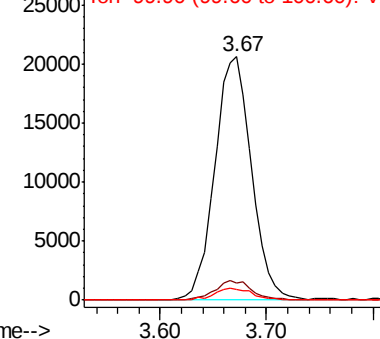
63 100

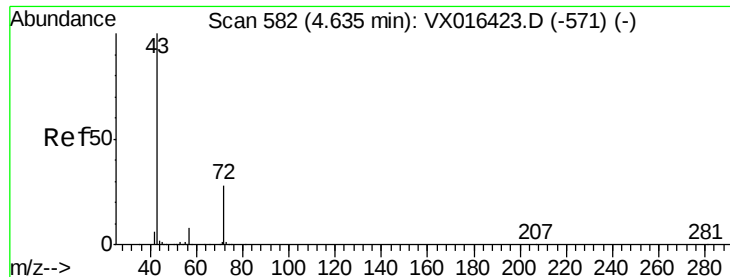
98 6.9 3.6 10.8

100 4.6 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.675 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

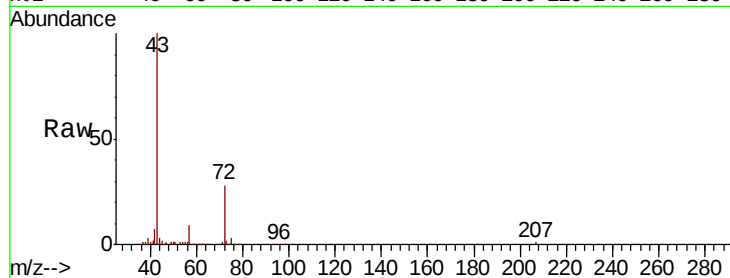
ClientSampleId :

Tot Ion: 43 Resp: 111572

Ion Ratio Lower Upper

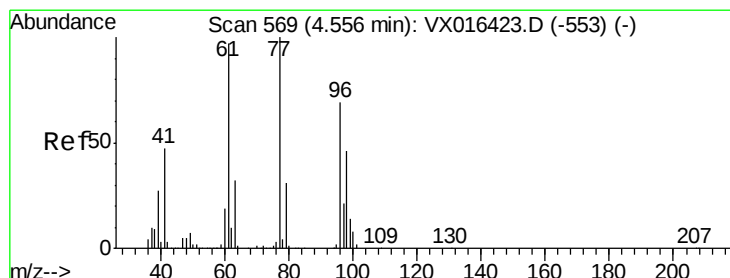
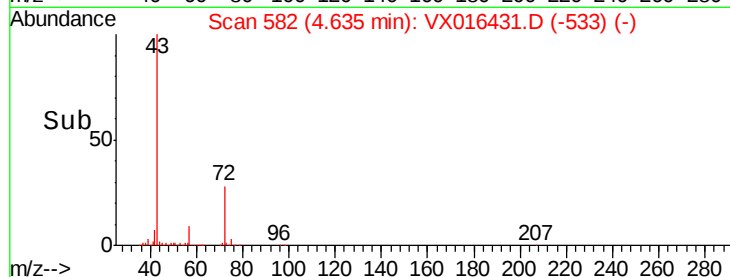
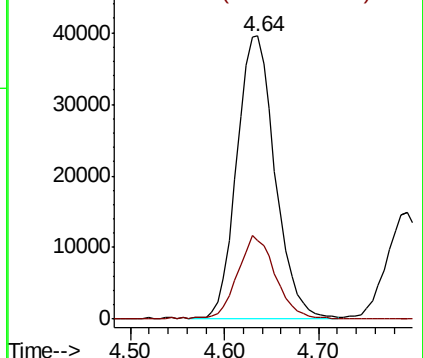
43 100

72 27.8 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.830 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX016431.D

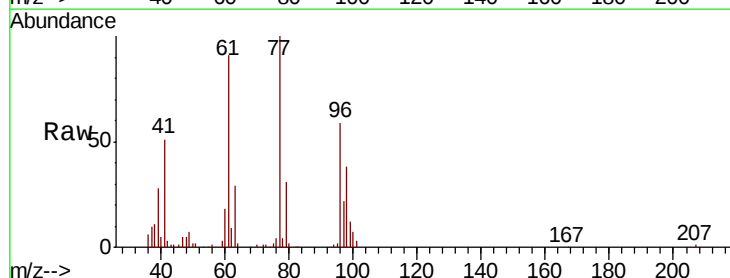
Acq: 26 May 2020 17:41

Tgt Ion: 77 Resp: 47931

Ion Ratio Lower Upper

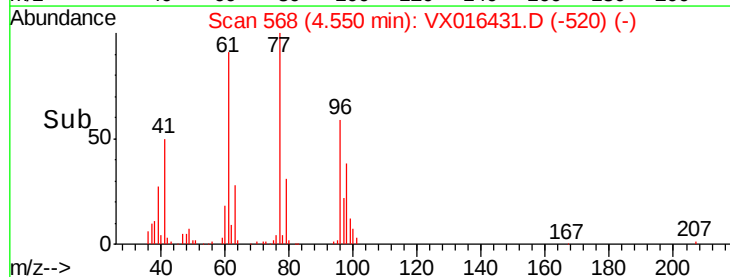
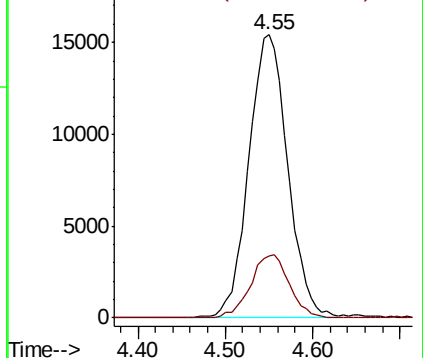
77 100

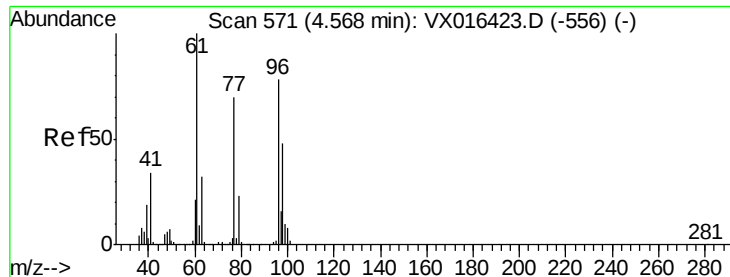
97 22.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



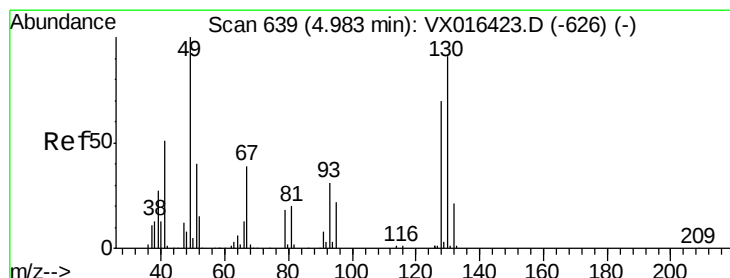
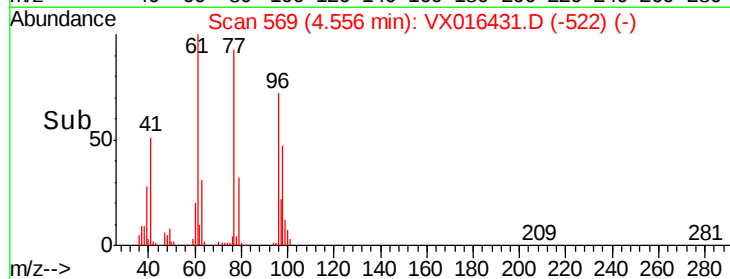
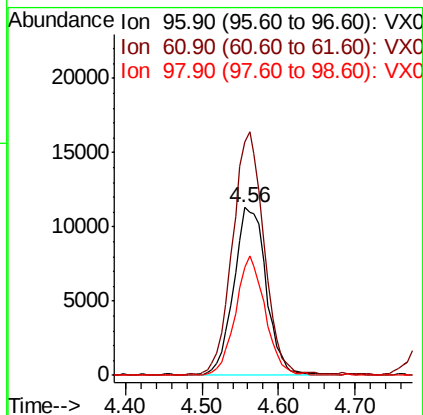
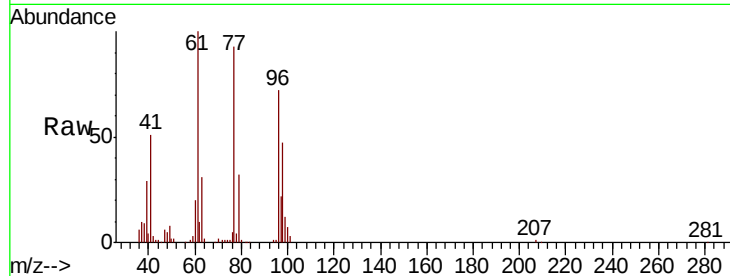


#27

cis-1,2-Dichloroethene
Concen: 18.900 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :

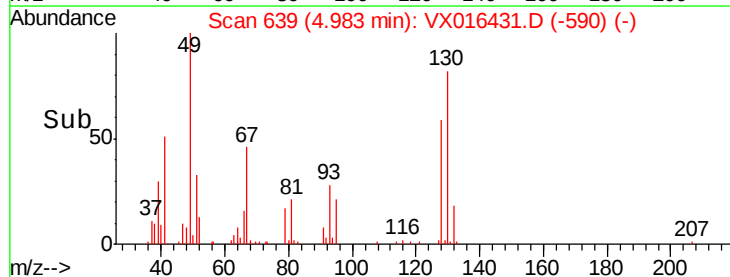
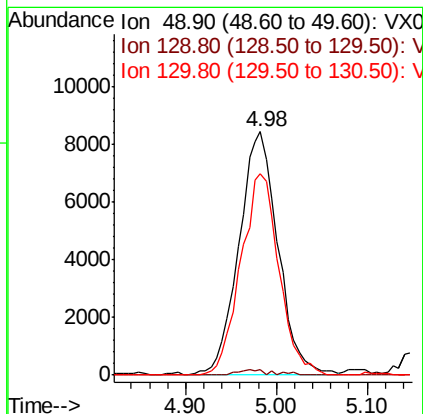
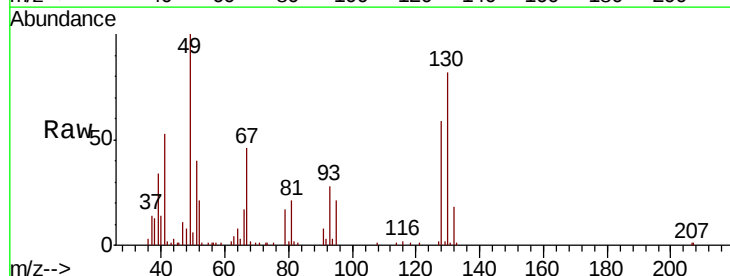
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	271.0
98	64.8	0.0	127.6

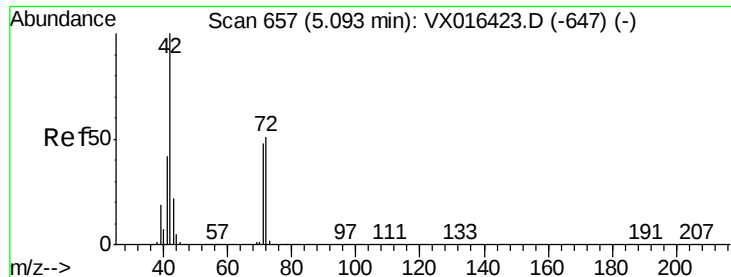


#28

Bromochloromethane
Concen: 19.731 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.8
130	80.9	71.2	106.8





#29

Tetrahydrofuran

Concen: 94.759 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

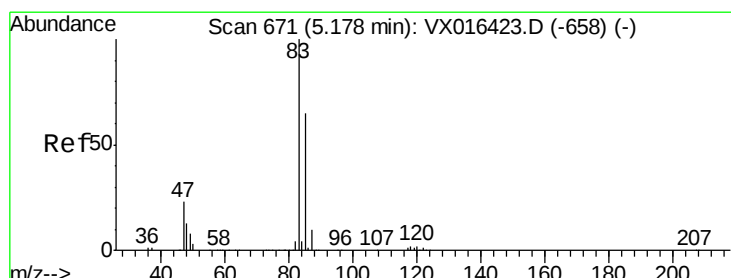
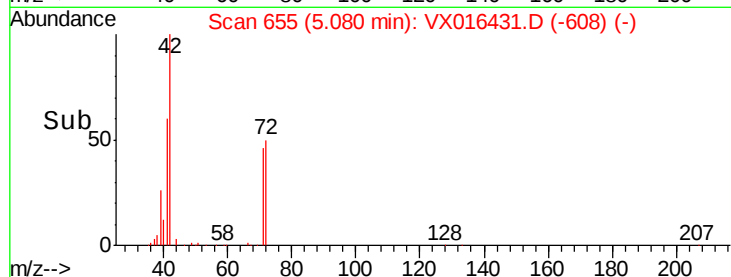
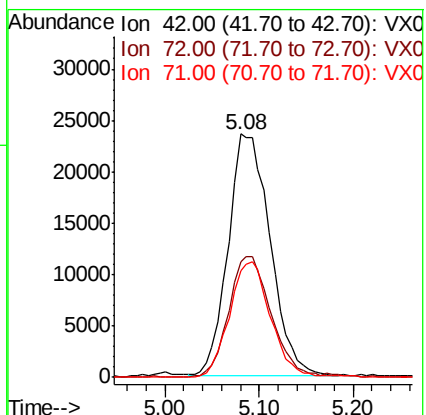
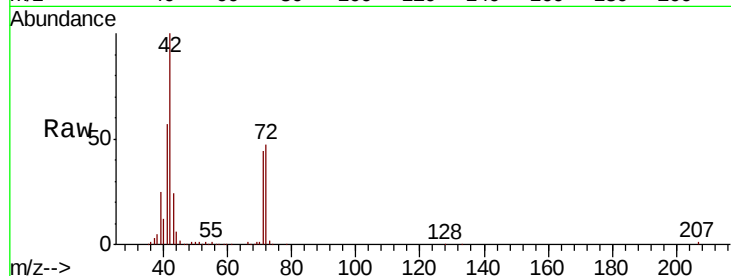
Tot Ion: 42 Resp: 72375

Ion Ratio Lower Upper

42 100

72 52.0 40.2 60.4

71 47.1 37.7 56.5



#30

Chloroform

Concen: 19.526 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016431.D

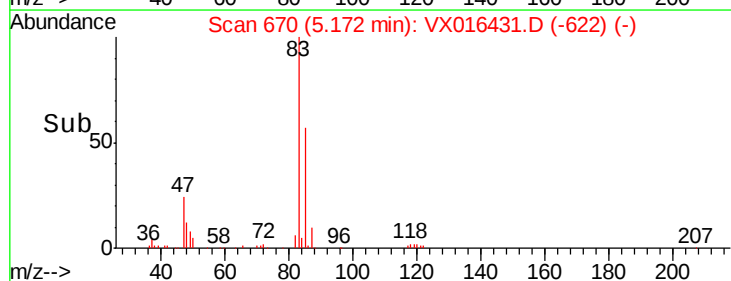
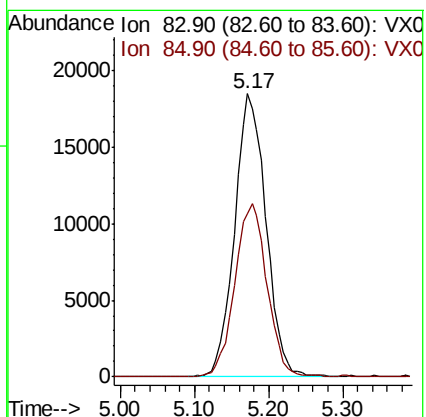
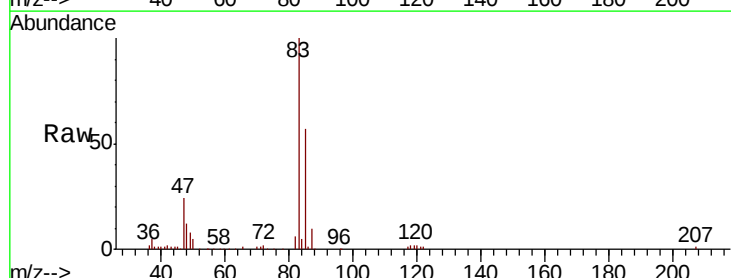
Acq: 26 May 2020 17:41

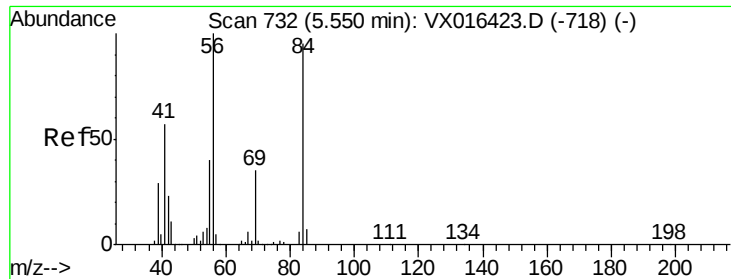
Tgt Ion: 83 Resp: 54563

Ion Ratio Lower Upper

83 100

85 57.4 52.1 78.1

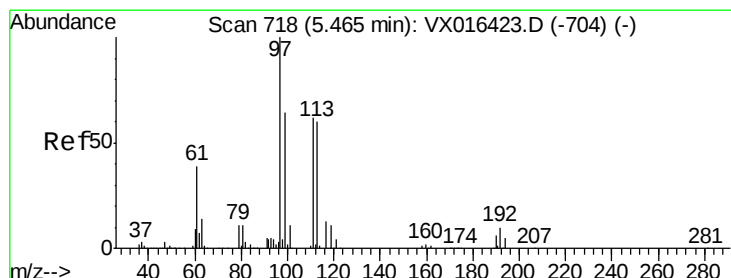
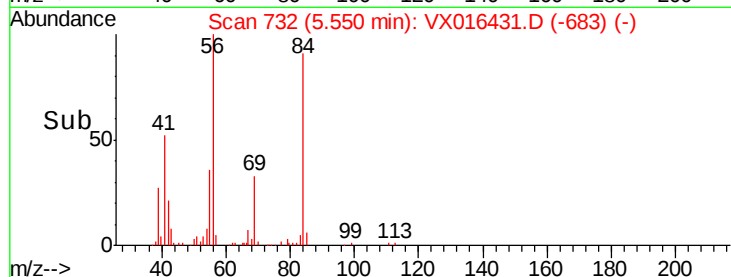
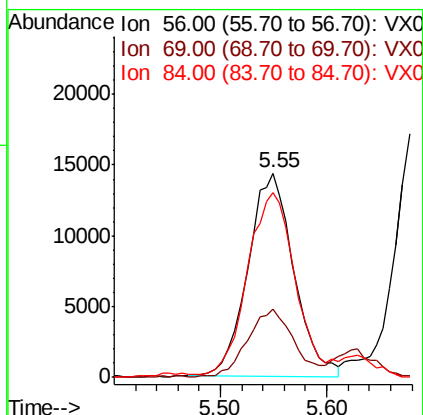
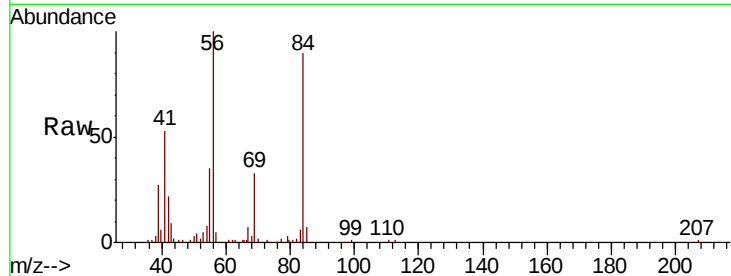




#31
Cyclohexane
Concen: 19.158 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

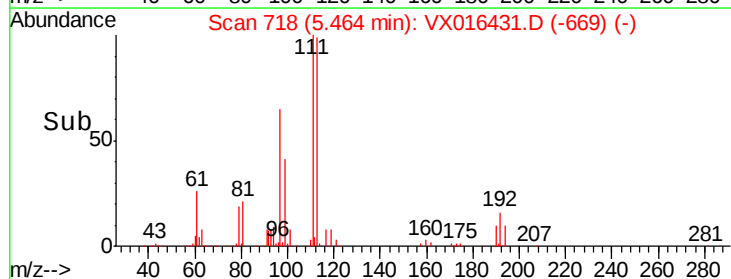
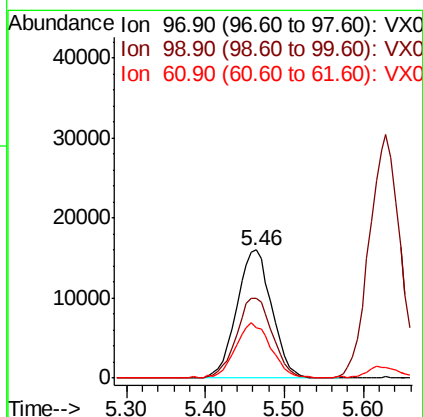
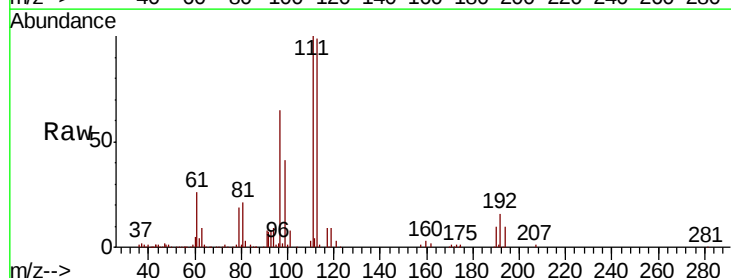
Instrument :
MSVOA_X
ClientSampleId :

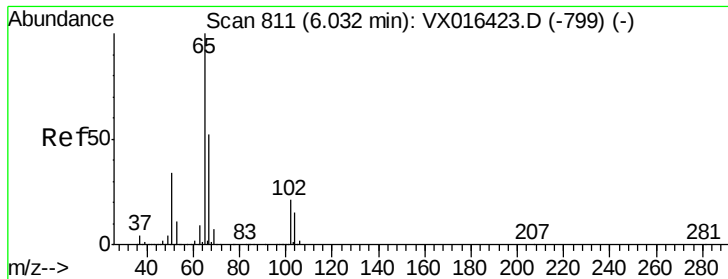
Tot Ion: 56 Resp: 43238
Ion Ratio Lower Upper
56 100
69 32.8 27.7 41.5
84 89.2 76.1 114.1



#32
1,1,1-Trichloroethane
Concen: 19.315 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion: 97 Resp: 49421
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 44.1 33.1 49.7





#33

1,2-Dichloroethane-d4

Concen: 49.816 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

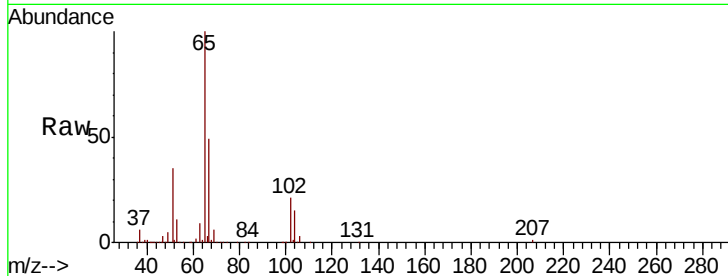
ClientSampleId :

Tot Ion: 65 Resp: 90712

Ion Ratio Lower Upper

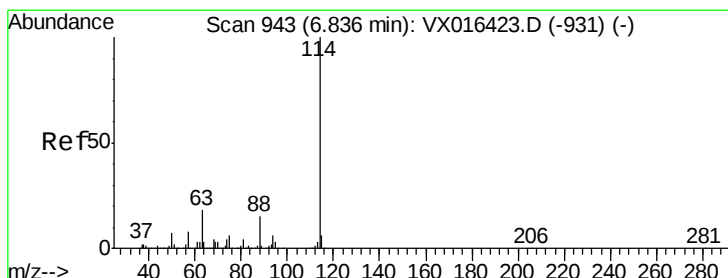
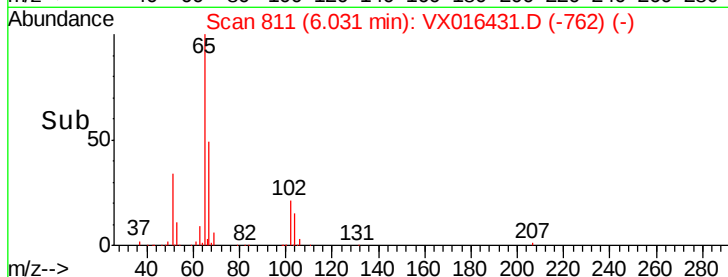
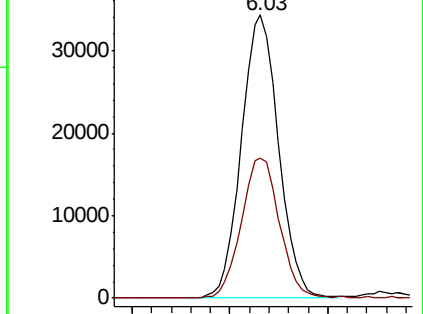
65 100

67 50.5 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

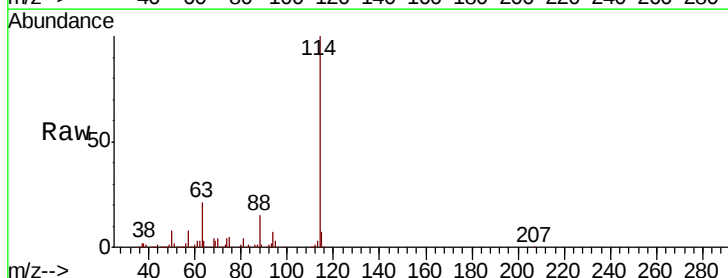
Tgt Ion: 114 Resp: 233691

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

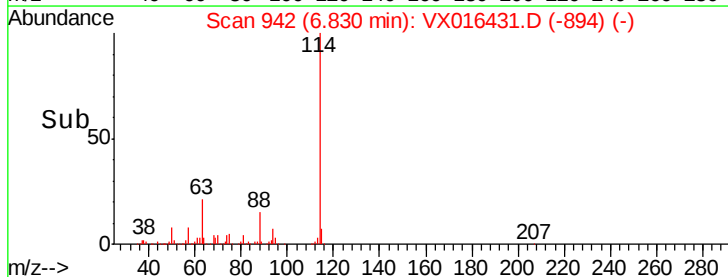
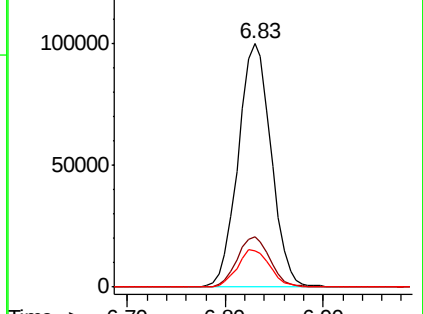
88 15.0 0.0 29.2

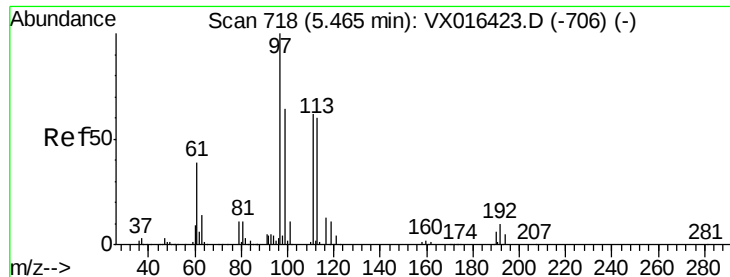


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

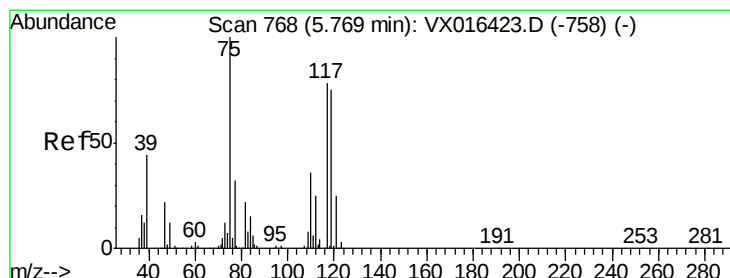
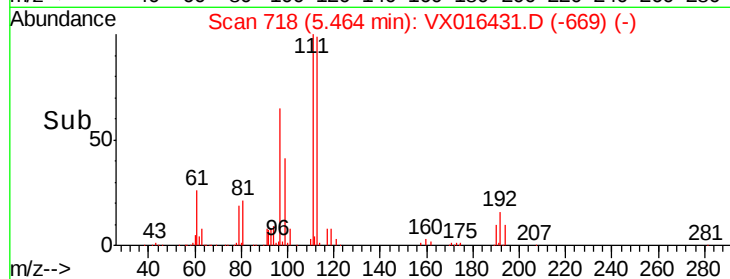
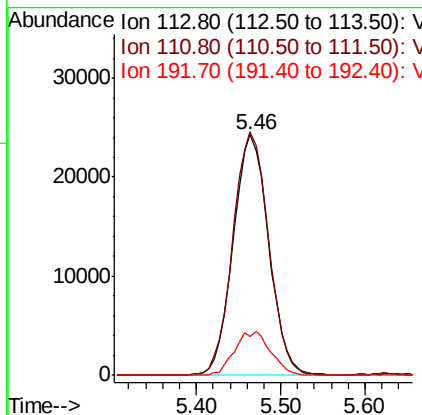
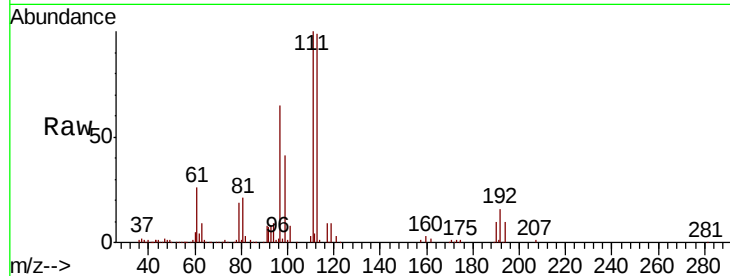




#35
 Dibromofluoromethane
 Concen: 46.264 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

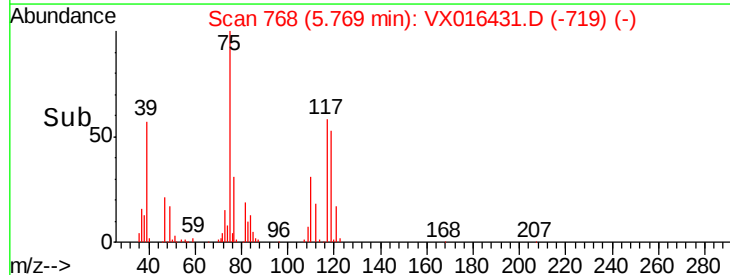
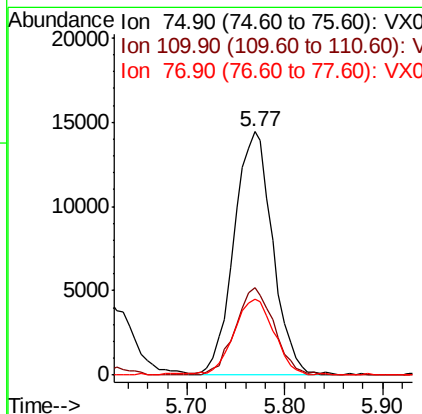
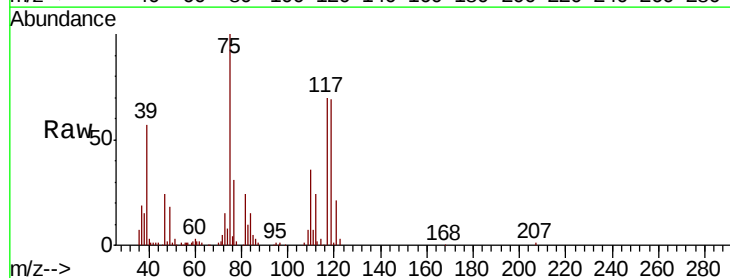
Instrument :
 MSVOA_X
 ClientSampleId :

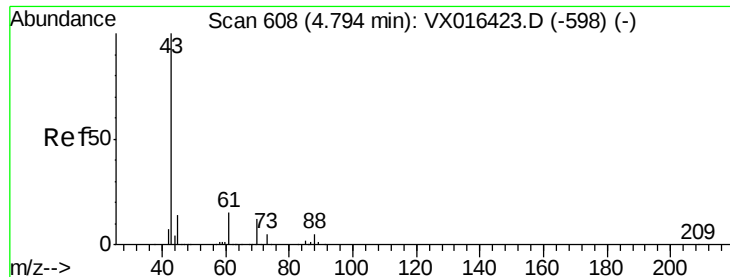
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.5	123.7
192	18.5	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 19.174 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.7	56.1
77	31.7	24.9	37.3

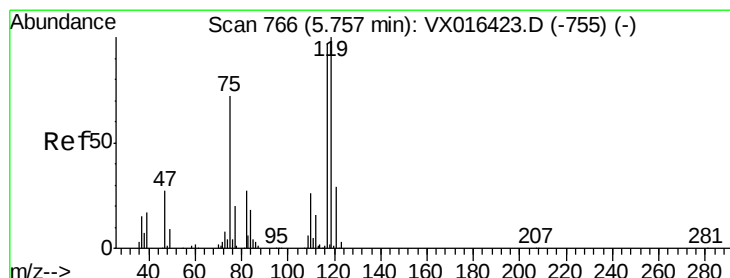
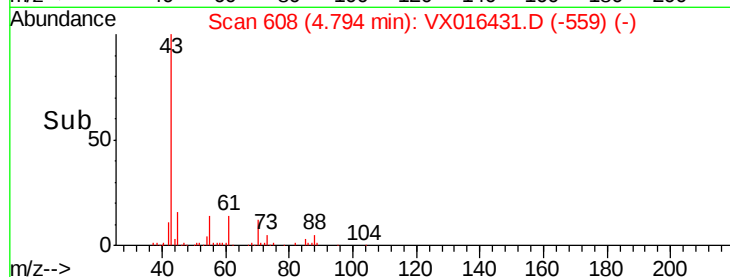
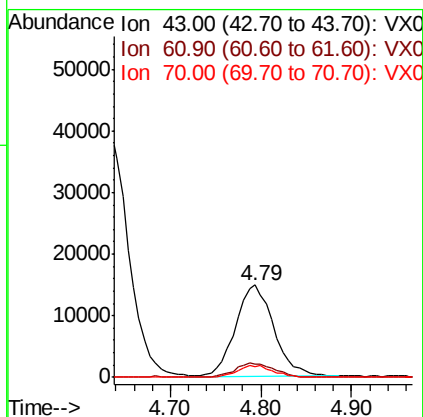
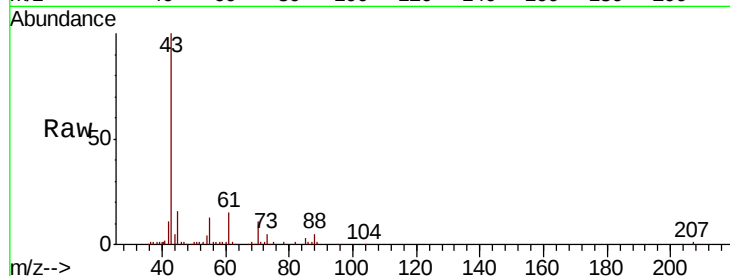




#37
Ethyl Acetate
Concen: 18.969 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

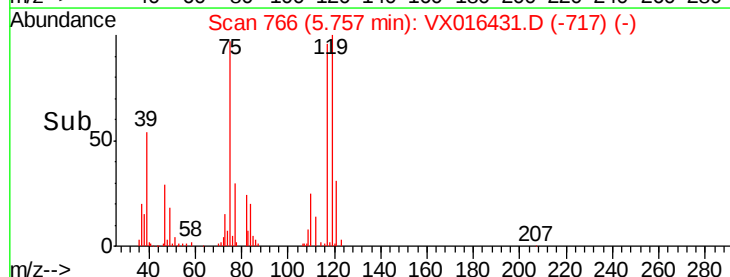
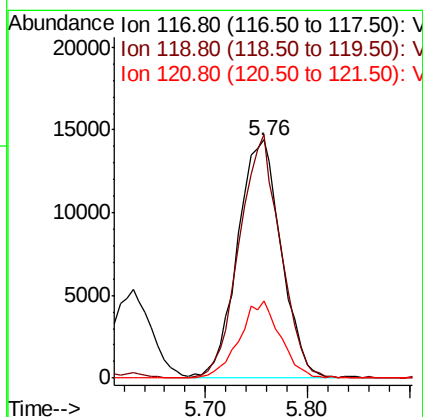
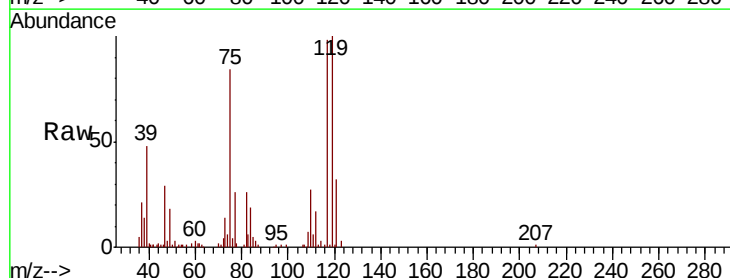
Instrument :
MSVOA_X
ClientSampled :

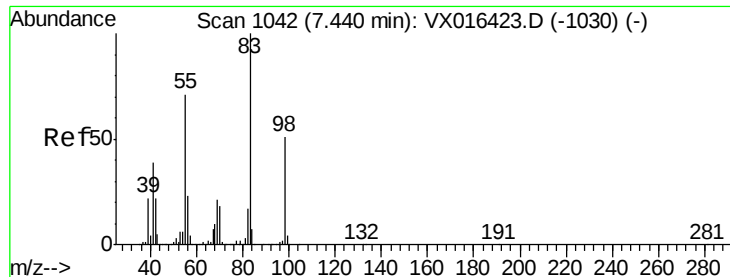
Tot Ion	43	Resp	43431
Ion Ratio	Lower	Upper	
43	100		
61	15.2	11.8	17.8
70	12.1	9.6	14.4



#38
Carbon Tetrachloride
Concen: 18.954 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	117	Resp	42558
Ion Ratio	Lower	Upper	
117	100		
119	102.6	82.2	123.4
121	32.6	24.1	36.1

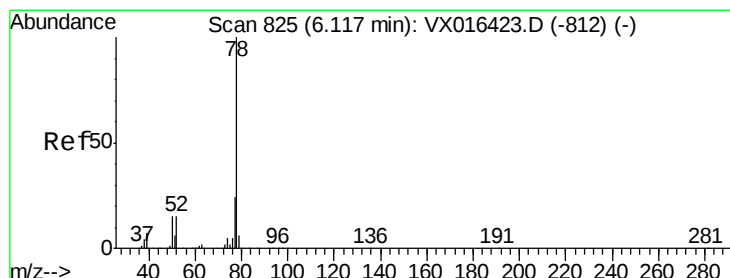
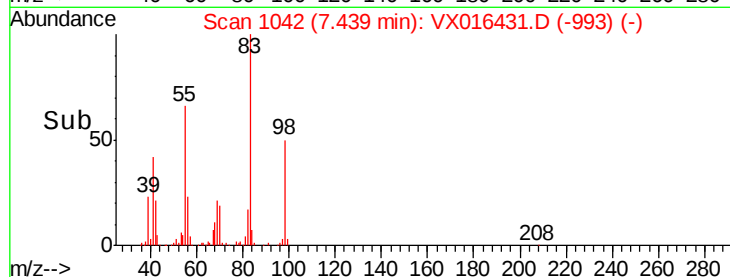
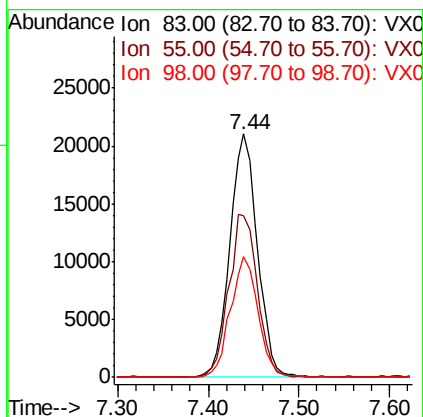
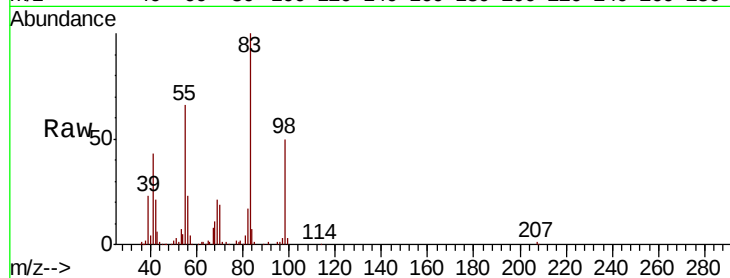




#39
Methvlcvclohexane
Concen: 19.326 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

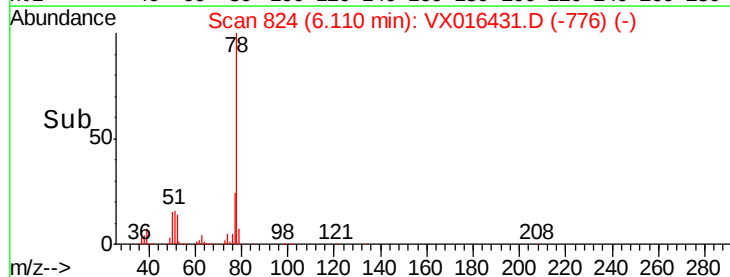
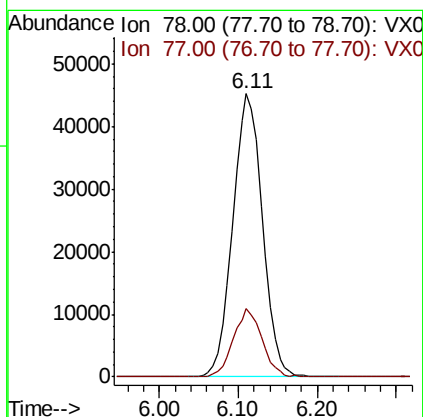
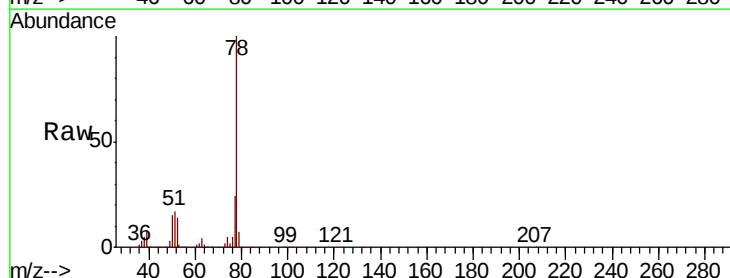
Instrument :
MSVOA_X
ClientSampleId :

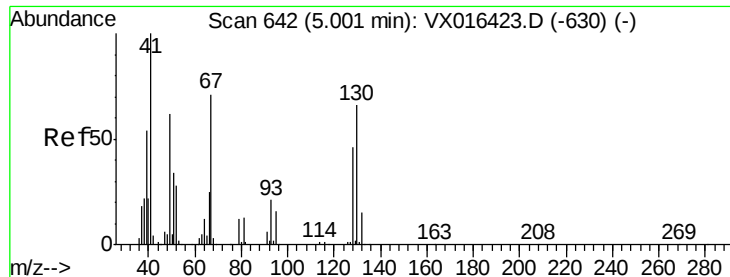
Tot Ion: 83 Resp: 44346
Ion Ratio Lower Upper
83 100
55 66.3 56.8 85.2
98 49.7 40.6 61.0



#40
Benzene
Concen: 19.143 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion: 78 Resp: 118367
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3





#41

Methacrylonitrile

Concen: 18.132 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 22197

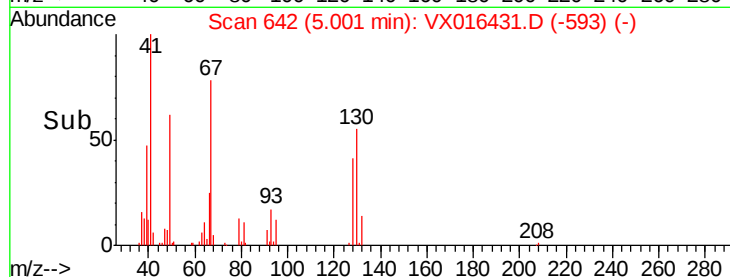
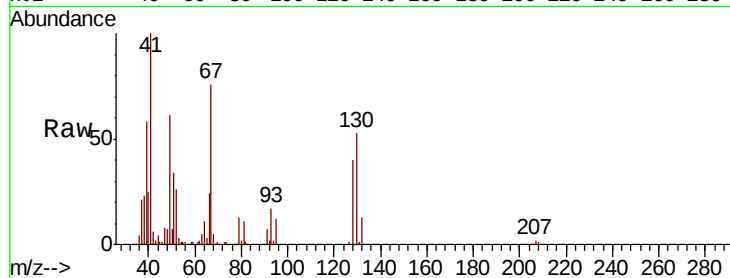
Ion Ratio Lower Upper

41 100

39 57.9 44.4 66.6

67 82.2 62.2 93.4

52 33.7 25.2 37.8

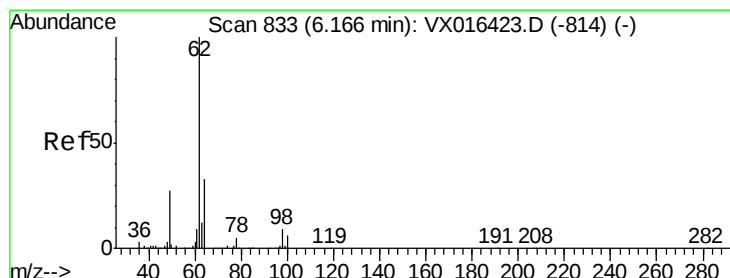
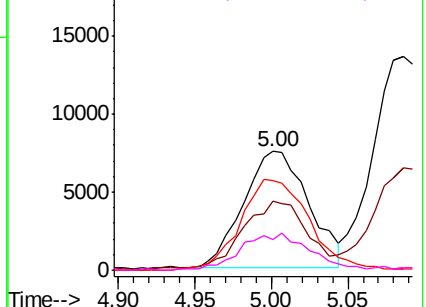


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.029 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016431.D

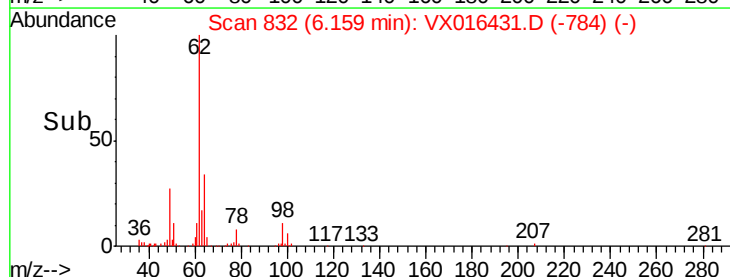
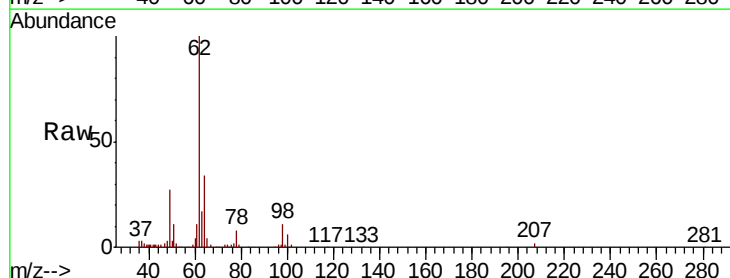
Acq: 26 May 2020 17:41

Tgt Ion: 62 Resp: 45206

Ion Ratio Lower Upper

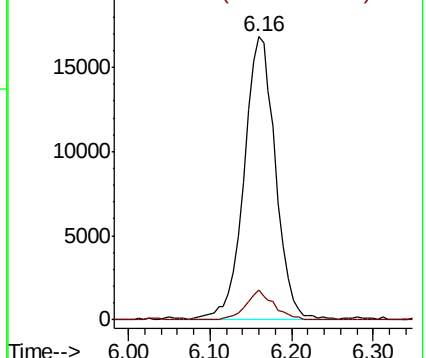
62 100

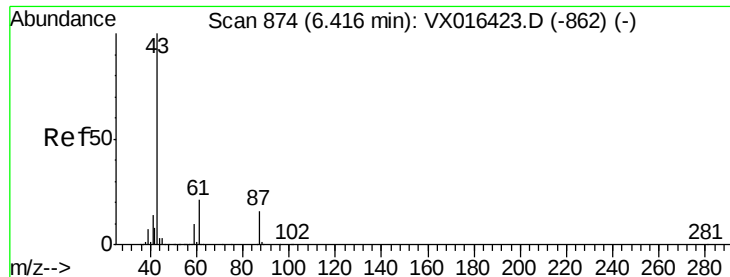
98 9.3 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



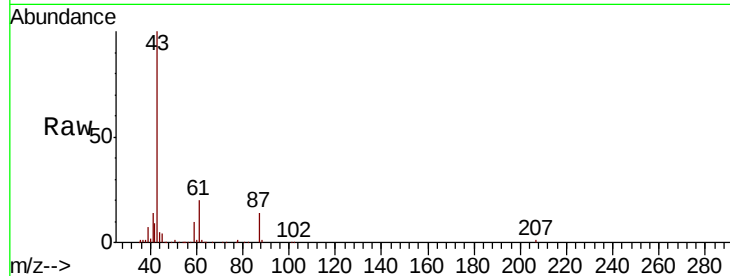


#43

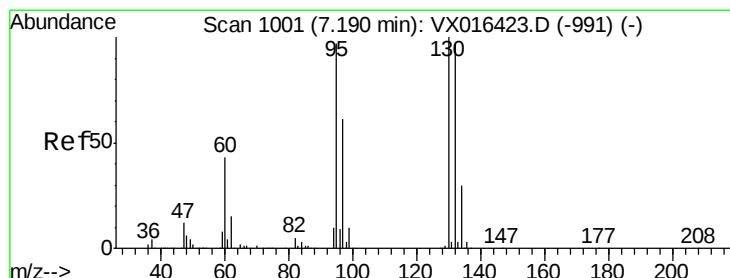
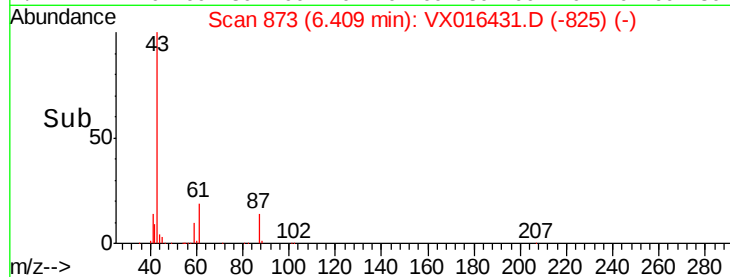
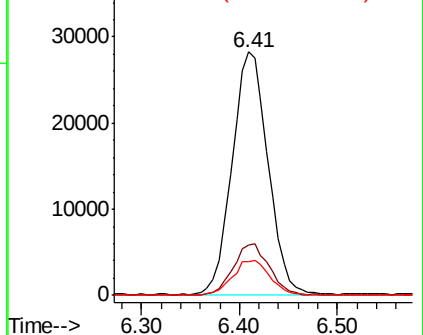
Isopropyl Acetate
 Concen: 19.740 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	72499
Ion Ratio	Lower	Upper	
43	100		
61	21.1	17.2	25.8
87	14.8	12.3	18.5



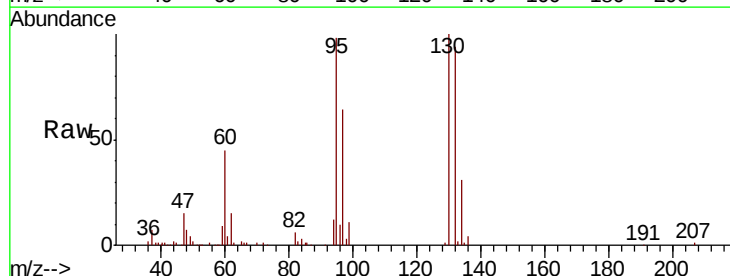
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



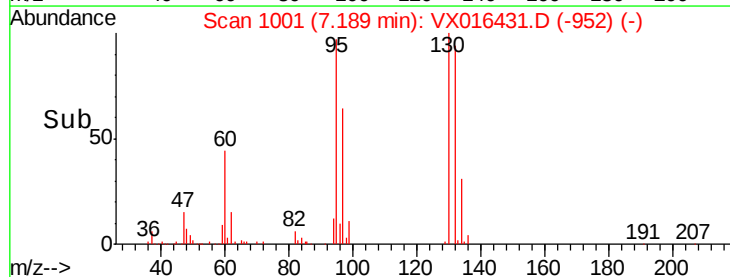
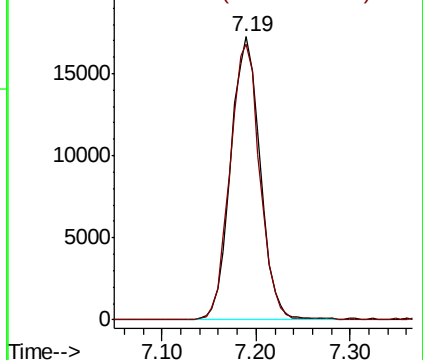
#44

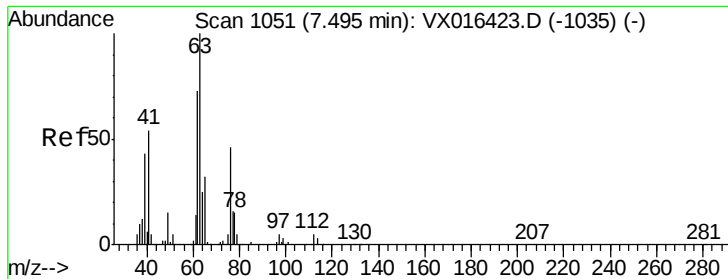
Trichloroethene
 Concen: 18.487 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion	130	Resp	37470
Ion Ratio	Lower	Upper	
130	100		
95	97.5	0.0	194.0



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





#45

1,2-Dichloropropane

Concen: 19.375 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

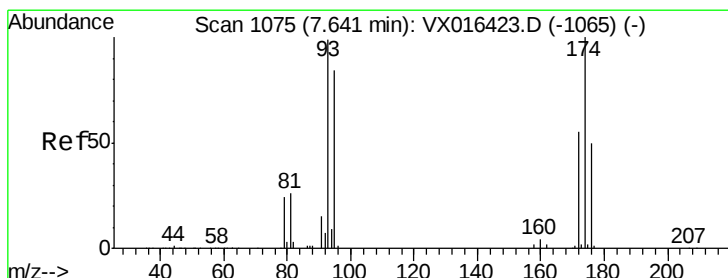
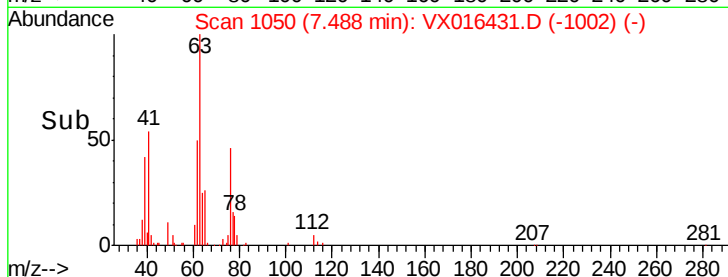
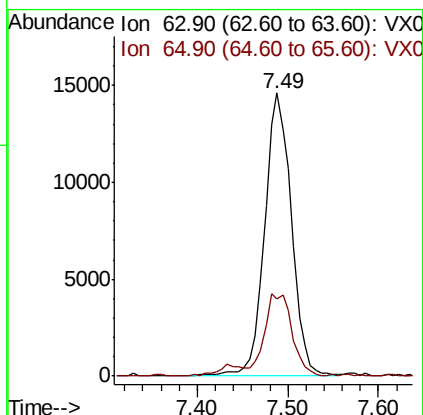
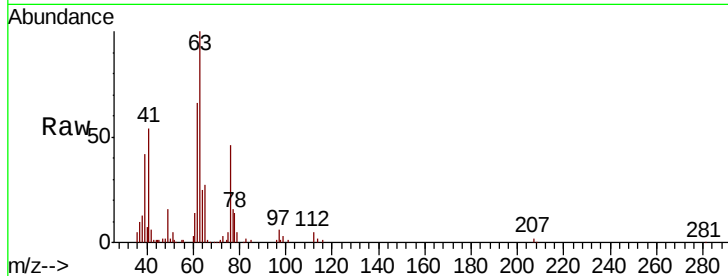
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 29921

Ion Ratio Lower Upper

63 100

65 27.1 25.3 37.9



#46

Dibromomethane

Concen: 18.846 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

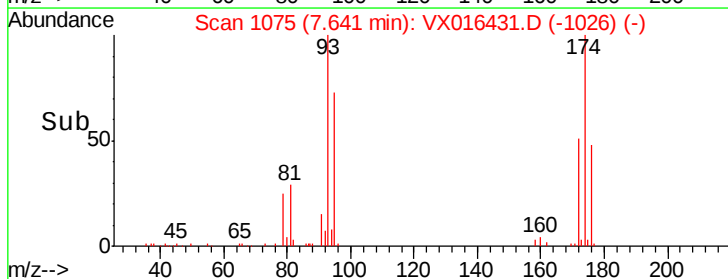
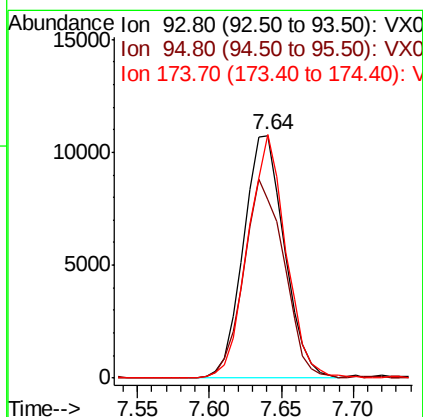
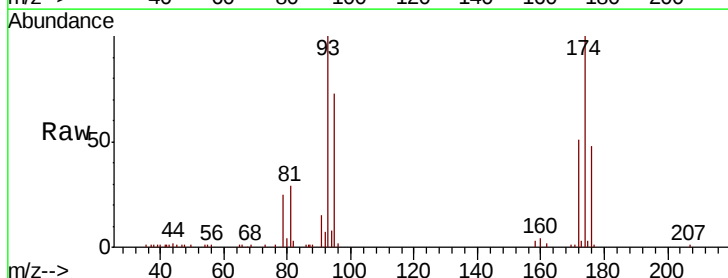
Tgt Ion: 93 Resp: 21207

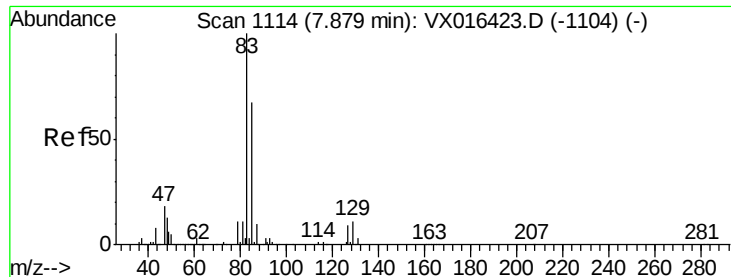
Ion Ratio Lower Upper

93 100

95 80.6 65.0 97.4

174 93.1 81.4 122.0





#47

Bromodichloromethane

Concen: 18.846 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

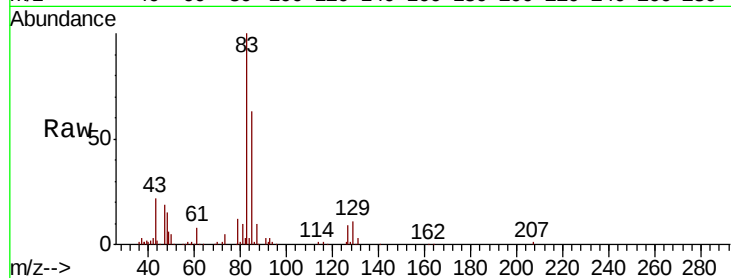
Tot Ion: 83 Resp: 42832

Ion Ratio Lower Upper

83 100

85 63.0 53.8 80.8

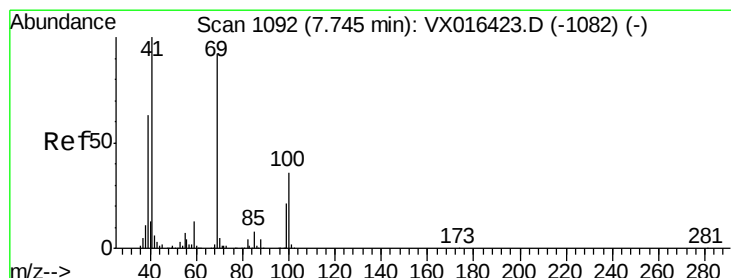
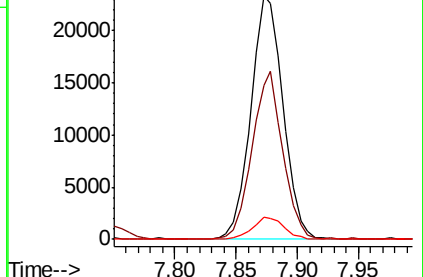
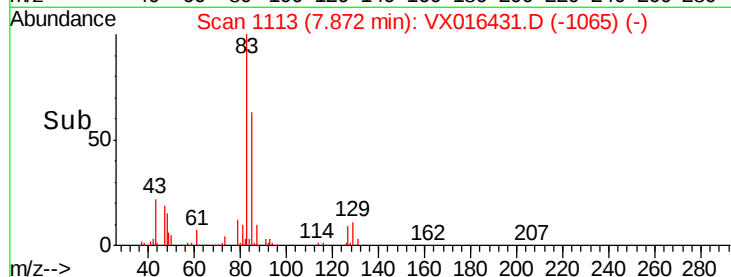
127 8.9 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.637 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

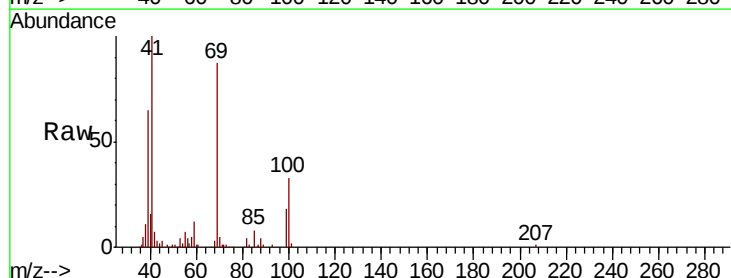
Tgt Ion: 41 Resp: 31191

Ion Ratio Lower Upper

41 100

69 90.2 71.8 107.8

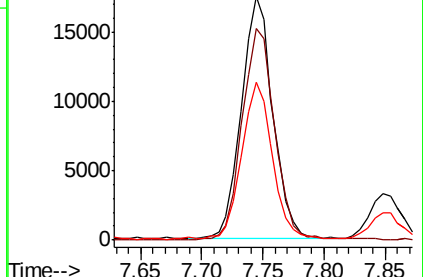
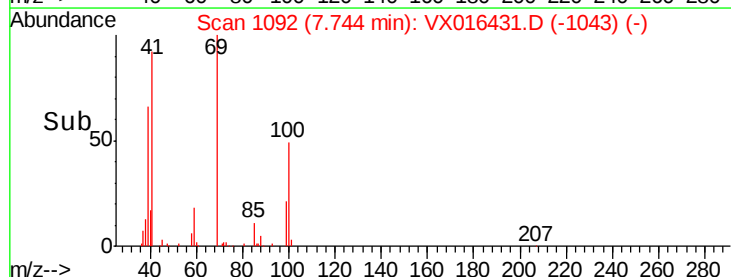
39 62.4 48.6 73.0

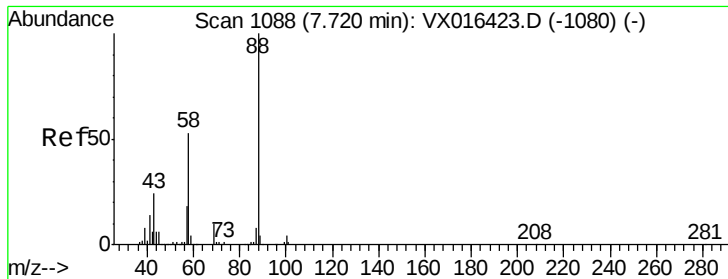


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 358.305 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

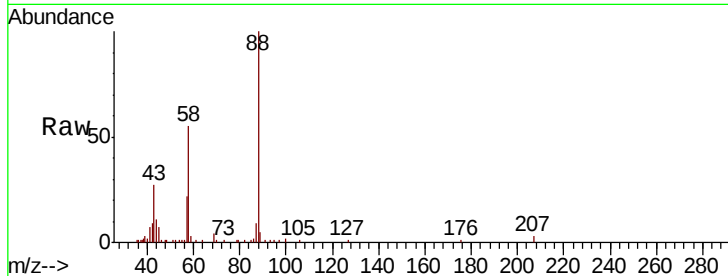
Tot Ion: 88 Resp: 15431

Ion Ratio Lower Upper

88 100

43 32.0 23.0 34.6

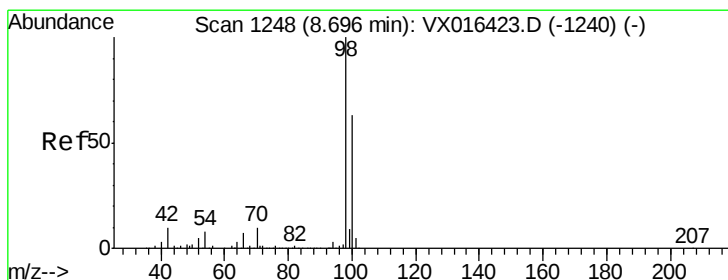
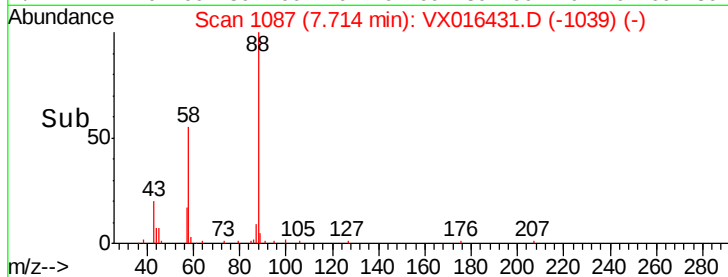
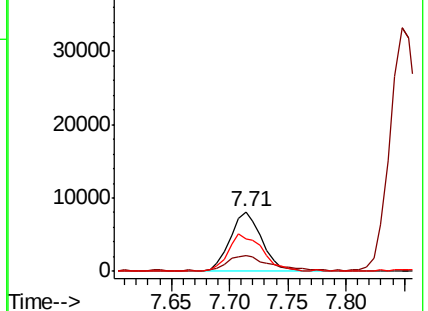
58 67.7 51.7 77.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.495 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016431.D

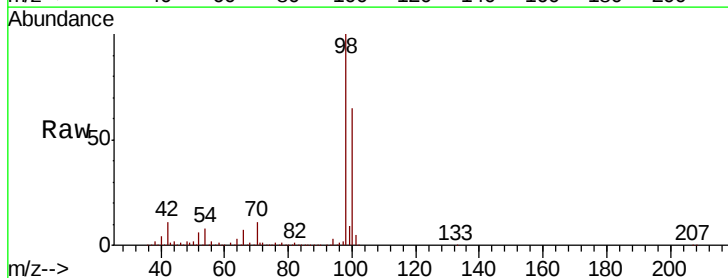
Acq: 26 May 2020 17:41

Tgt Ion: 98 Resp: 272510

Ion Ratio Lower Upper

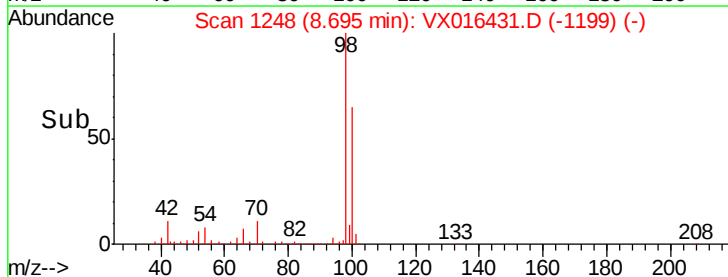
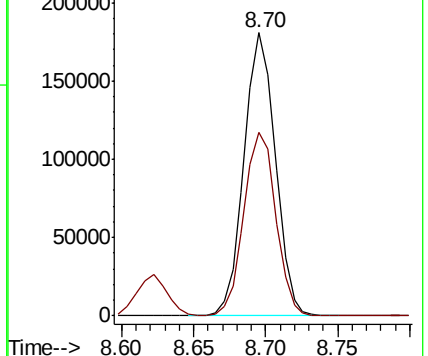
98 100

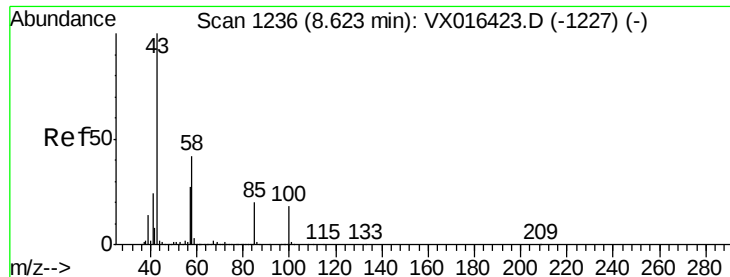
100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 94.142 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

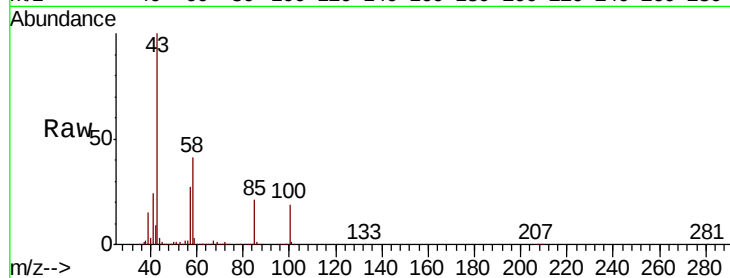
ClientSampleId :

Tot Ion: 43 Resp: 218513

Ion Ratio Lower Upper

43 100

58 41.3 33.8 50.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

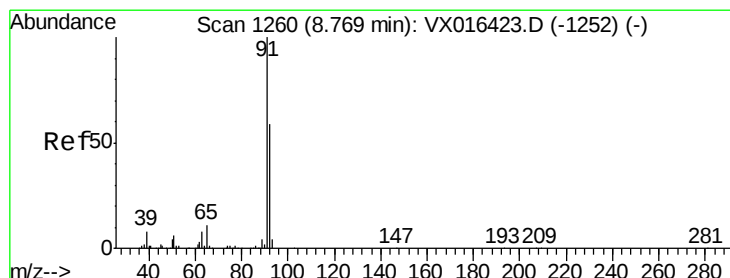
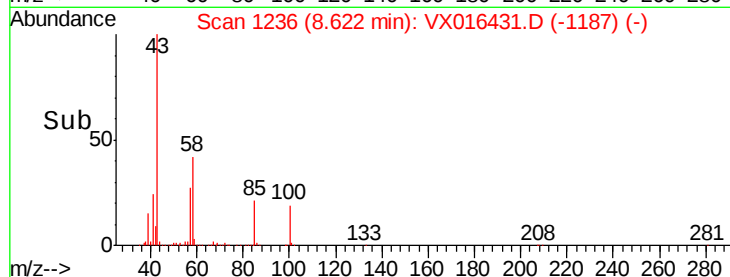
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.037 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016431.D

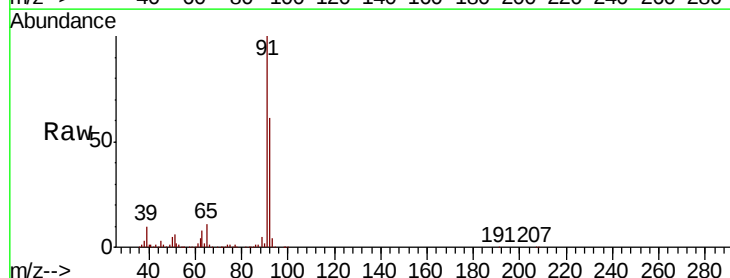
Acq: 26 May 2020 17:41

Tgt Ion: 92 Resp: 75530

Ion Ratio Lower Upper

92 100

91 172.3 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

80000

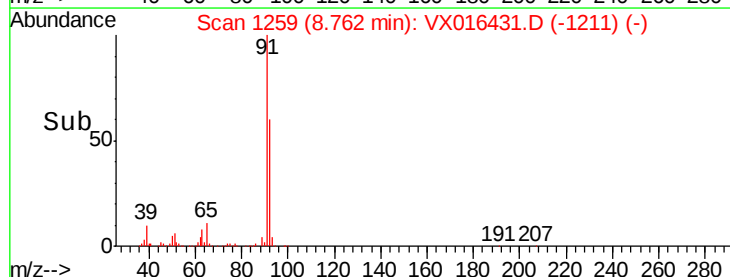
60000

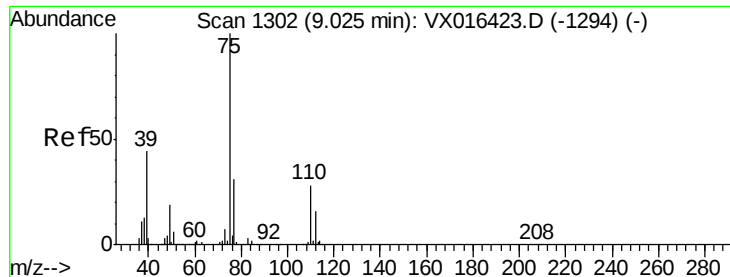
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.816 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

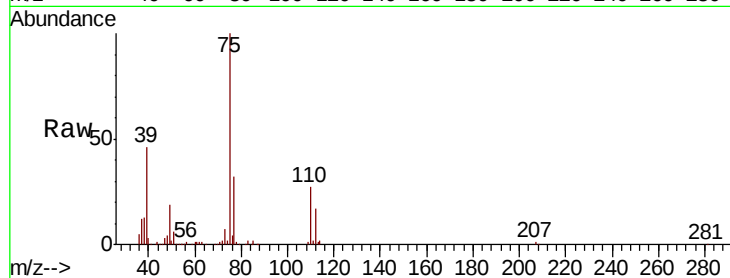
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 48670

Ion Ratio Lower Upper

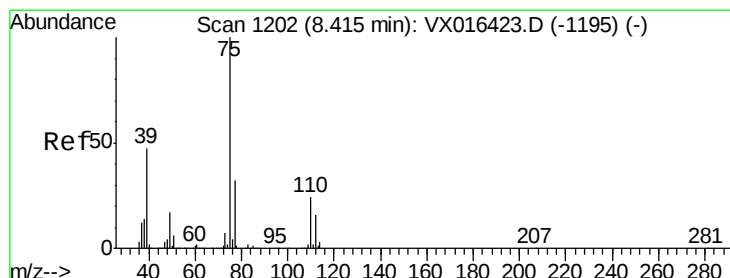
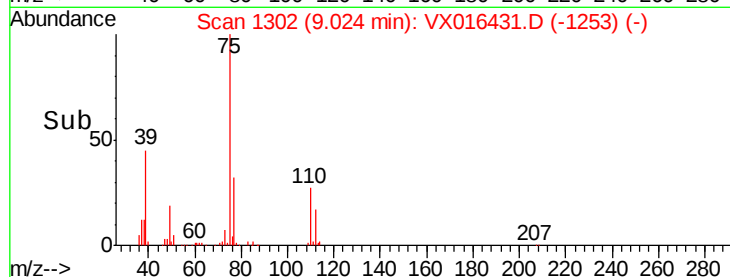
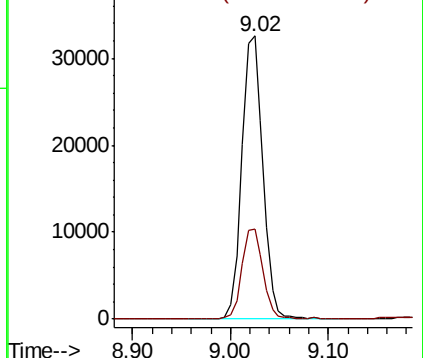
75 100

77 31.7 25.0 37.4



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: 18.407 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

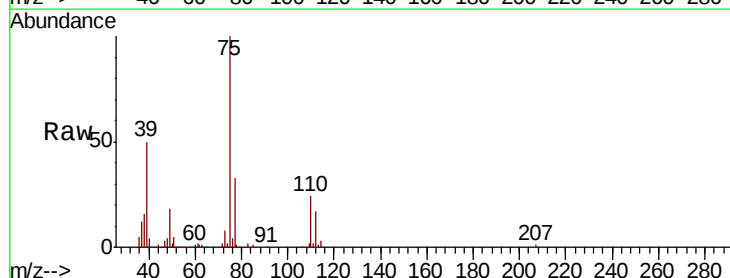
Tgt Ion: 75 Resp: 48948

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

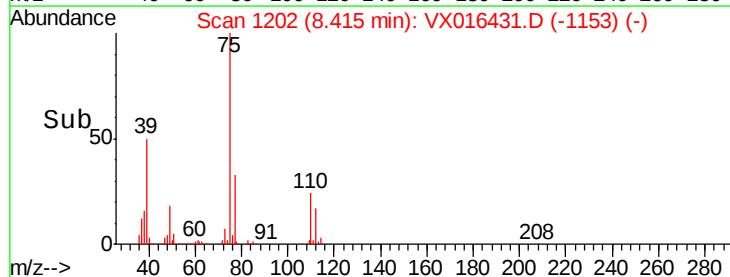
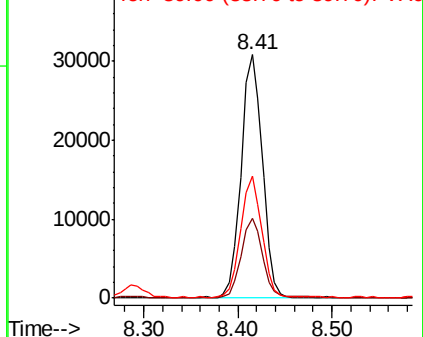
39 49.7 37.7 56.5

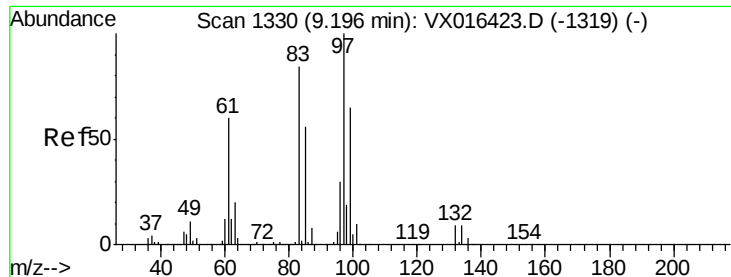


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



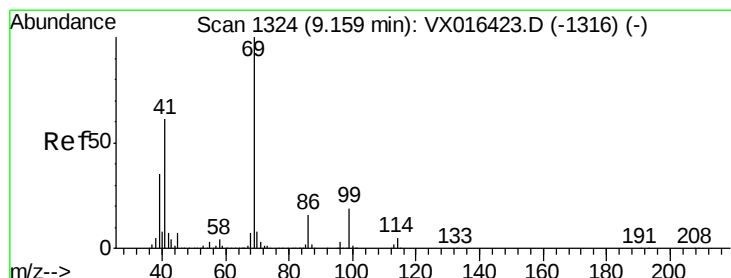
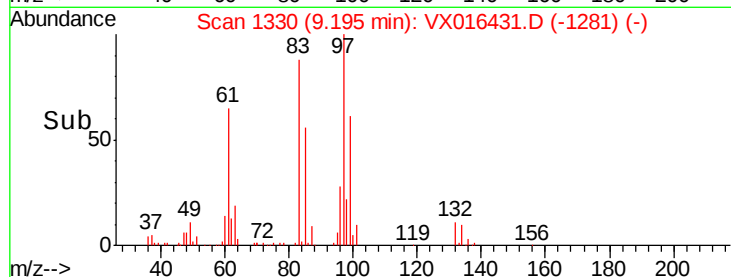
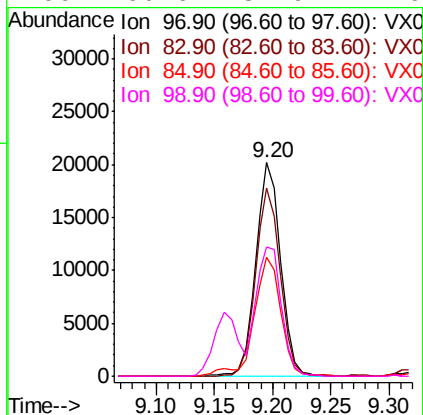
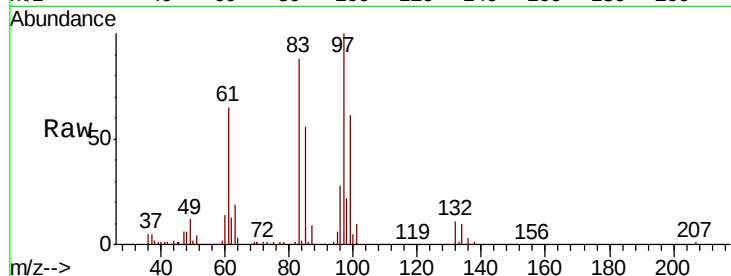


#55
 1,1,2-Trichloroethane
 Concen: 18.637 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 30152

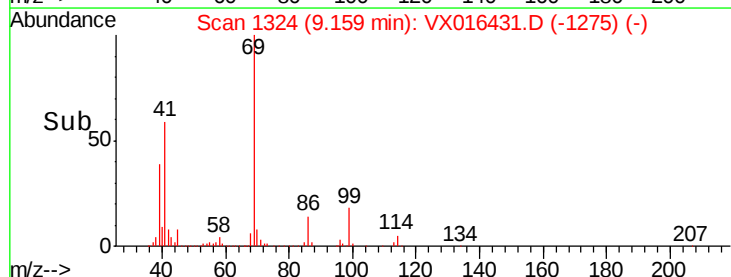
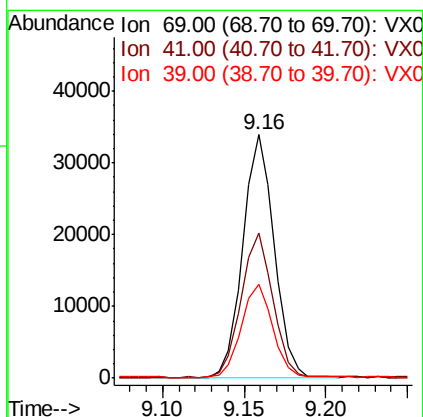
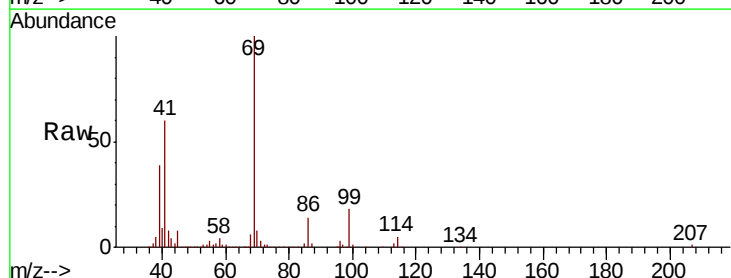
Ion	Ratio	Lower	Upper
97	100		
83	88.1	66.9	100.3
85	55.9	45.2	67.8
99	60.6	51.9	77.9

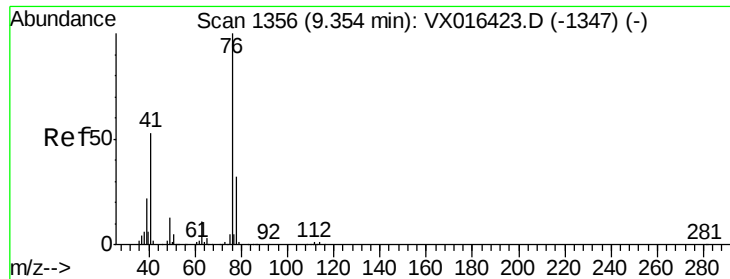


#56
 Ethyl methacrylate
 Concen: 18.750 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion: 69 Resp: 45650

Ion	Ratio	Lower	Upper
69	100		
41	61.6	47.9	71.9
39	39.0	28.7	43.1





#57

1,3-Dichloropropane

Concen: 18.910 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

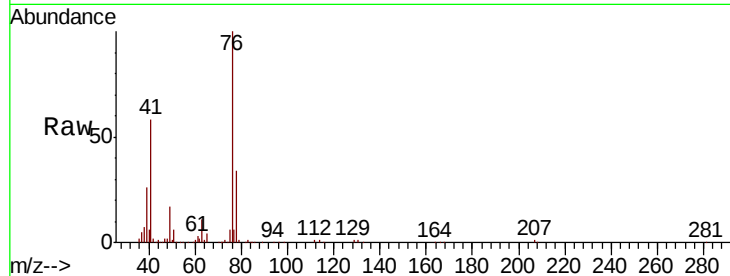
ClientSampleId :

Tot Ion: 76 Resp: 50726

Ion Ratio Lower Upper

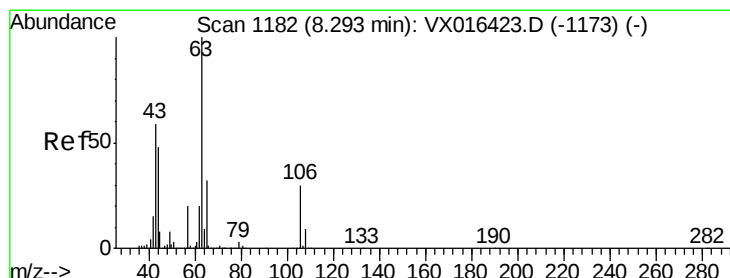
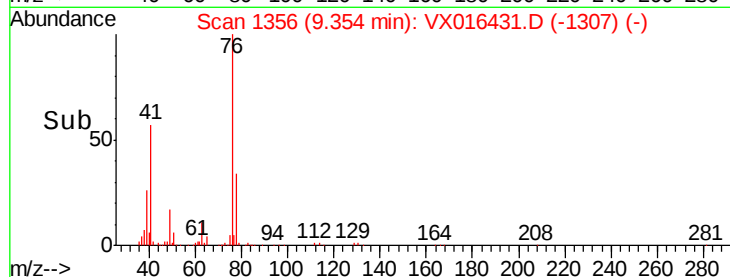
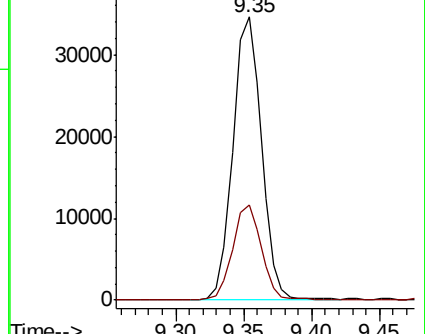
76 100

78 34.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 86.461 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016431.D

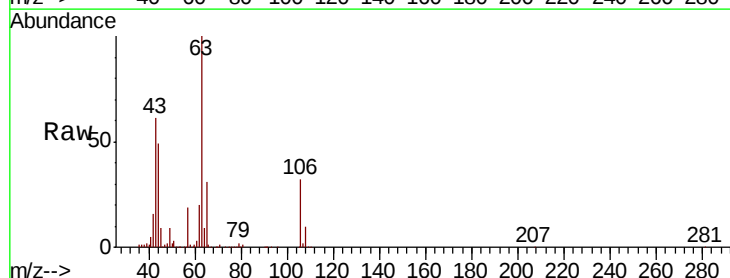
Acq: 26 May 2020 17:41

Tgt Ion: 63 Resp: 112281

Ion Ratio Lower Upper

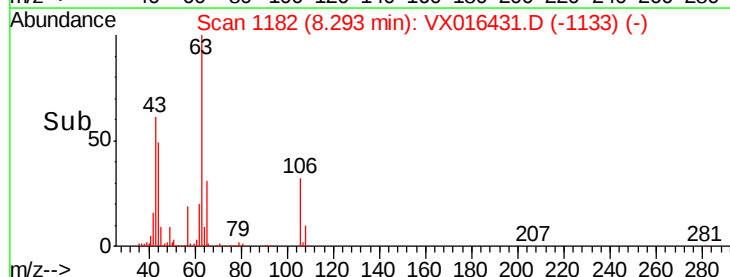
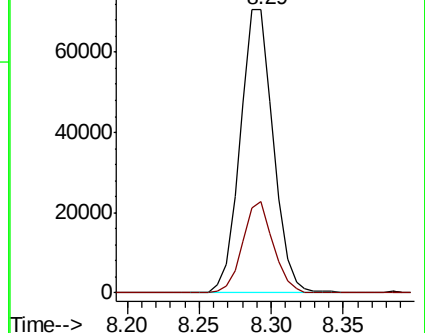
63 100

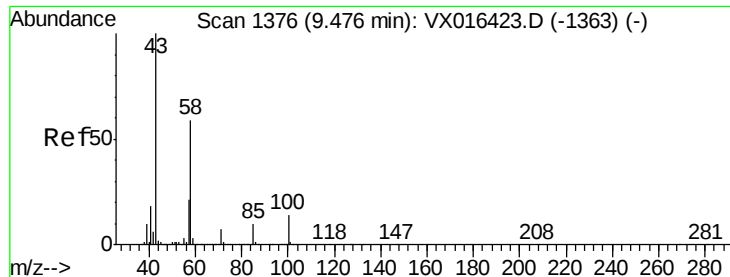
106 29.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

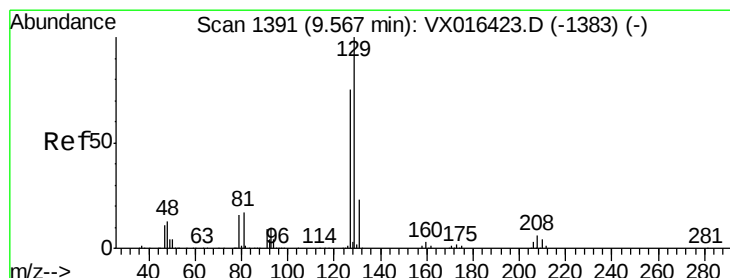
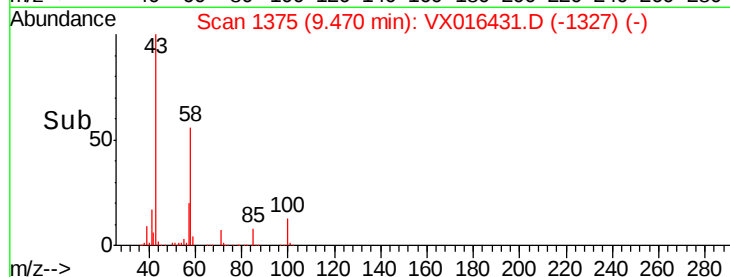
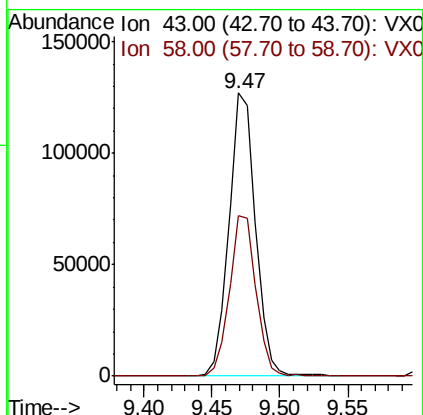
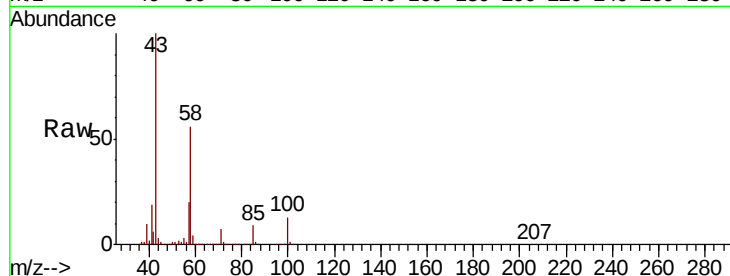




#59
2-Hexanone
Concen: 96.137 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

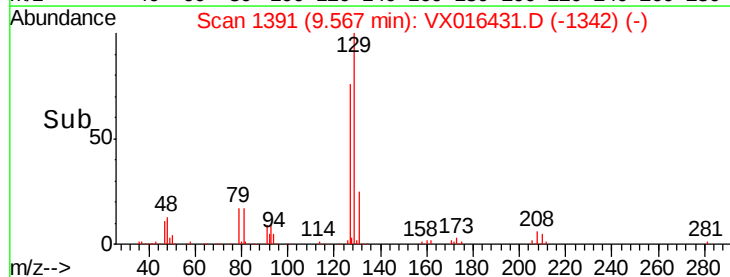
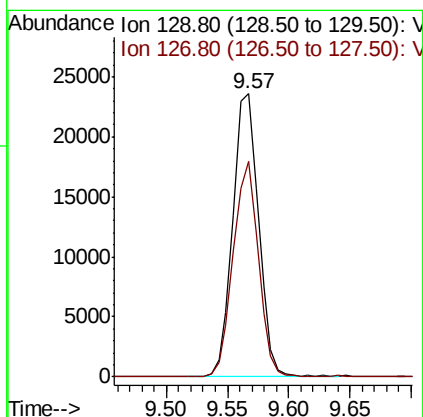
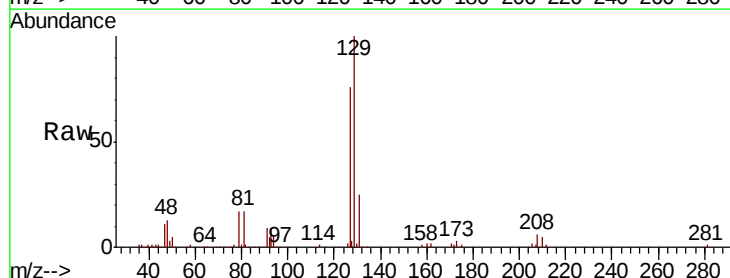
Instrument :
MSVOA_X
ClientSampled :

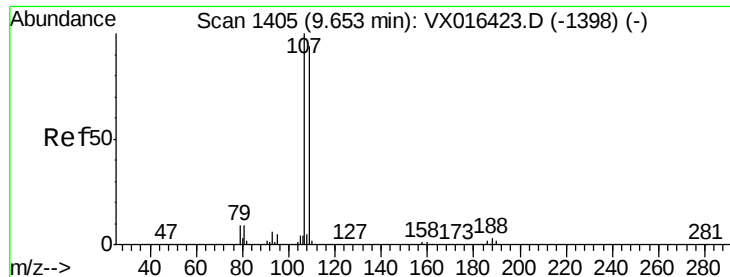
Tot Ion: 43 Resp: 171822
Ion Ratio Lower Upper
43 100
58 57.0 29.1 87.3



#60
Dibromochloromethane
Concen: 18.488 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion: 129 Resp: 34396
Ion Ratio Lower Upper
129 100
127 74.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.747 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

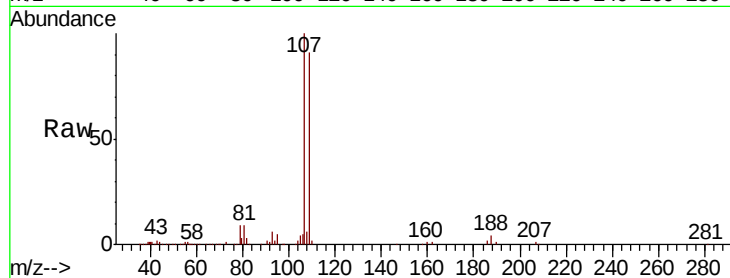
ClientSampleId :

Tot Ion:107 Resp: 33286

Ion Ratio Lower Upper

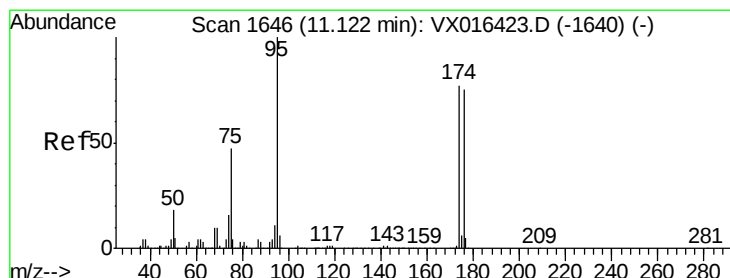
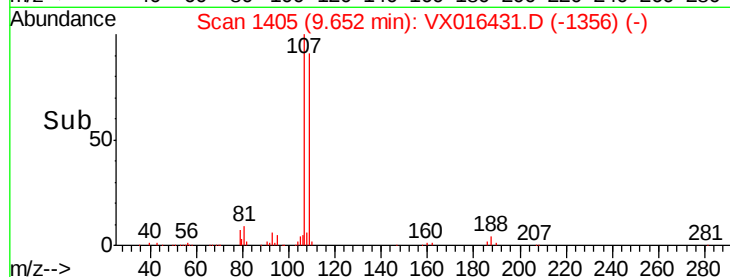
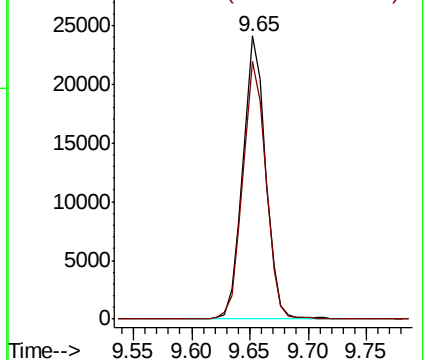
107 100

109 92.3 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.826 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

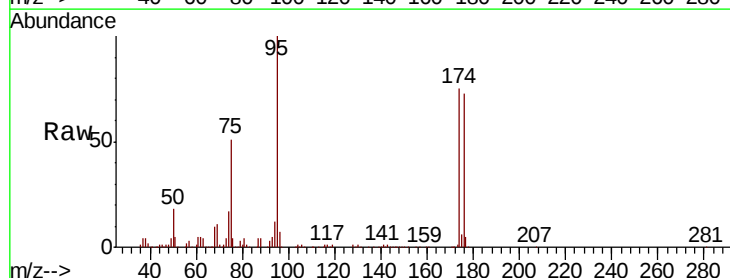
Tgt Ion: 95 Resp: 99765

Ion Ratio Lower Upper

95 100

174 79.4 0.0 162.6

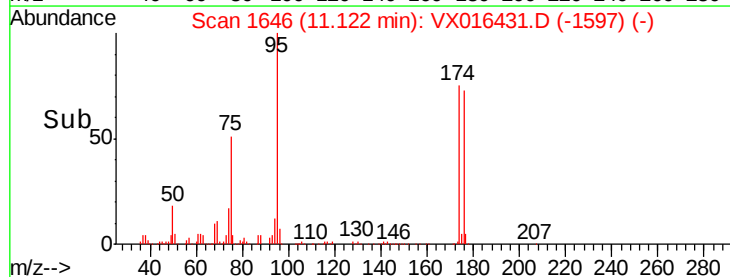
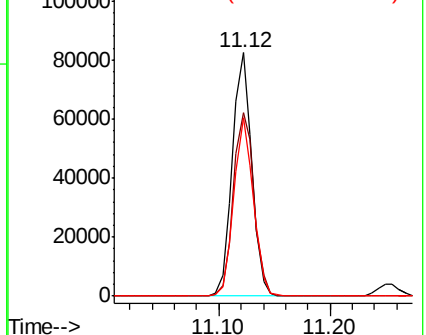
176 73.6 0.0 158.2

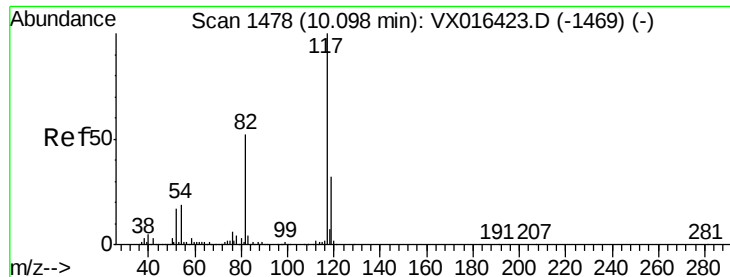


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

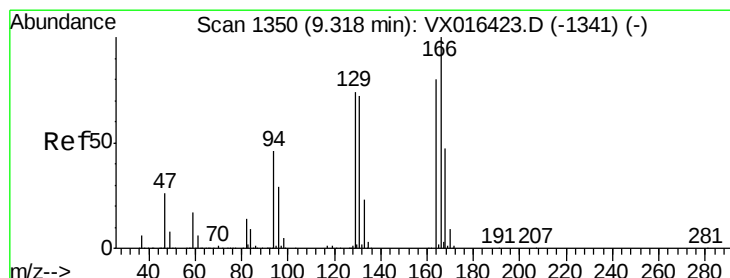
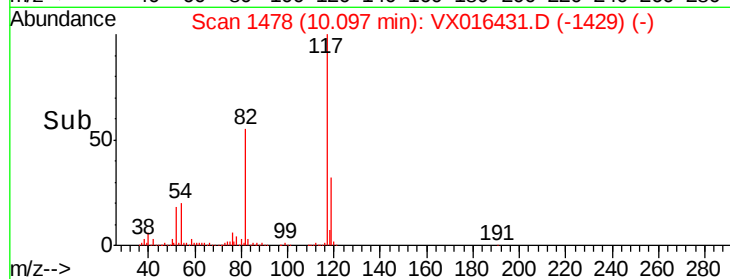
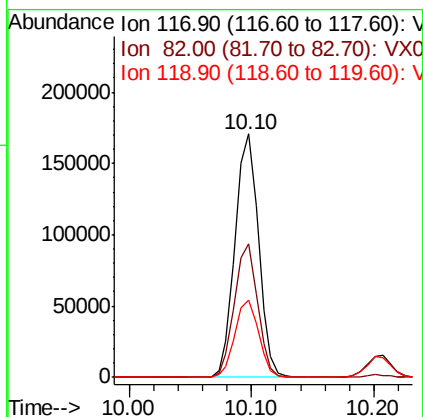
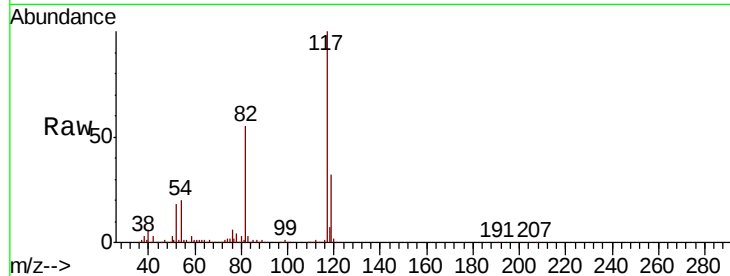




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

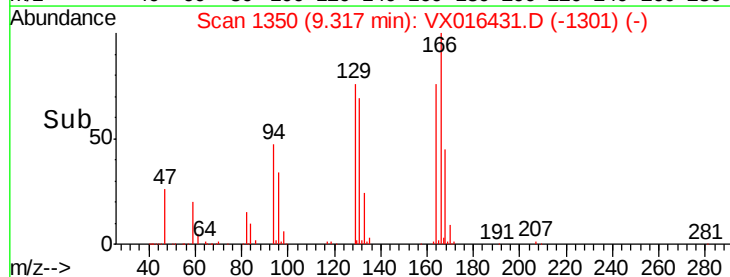
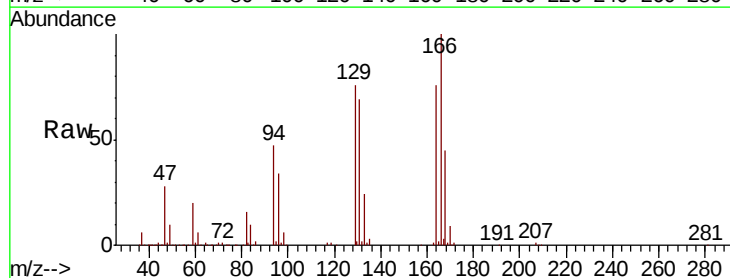
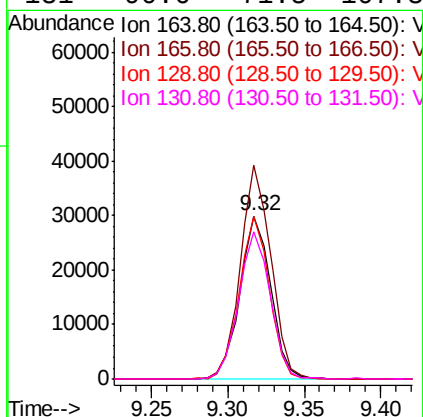
Instrument :
MSVOA_X
ClientSampled :

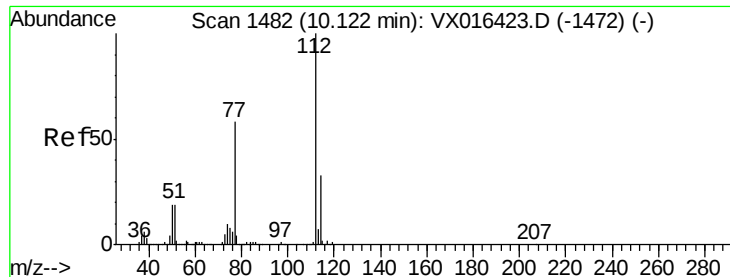
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.8	62.6
119	31.6	25.7	38.5



#64
Tetrachloroethene
Concen: 17.736 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	99.5	149.3
129	99.9	73.4	110.0
131	90.6	71.5	107.3

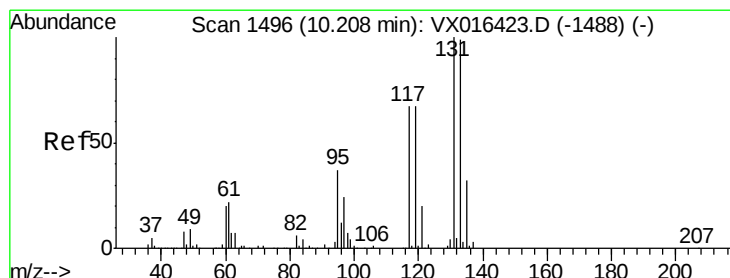
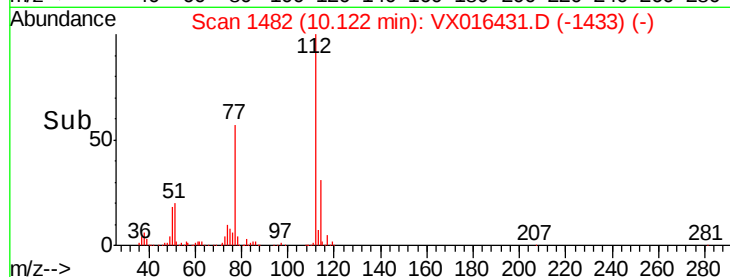
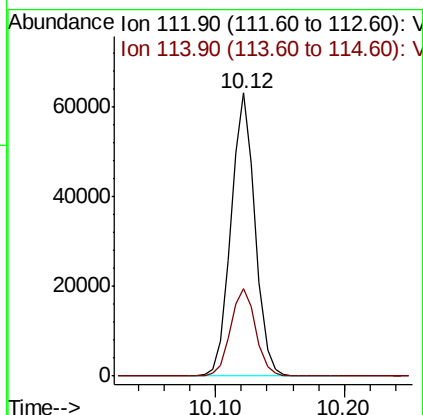
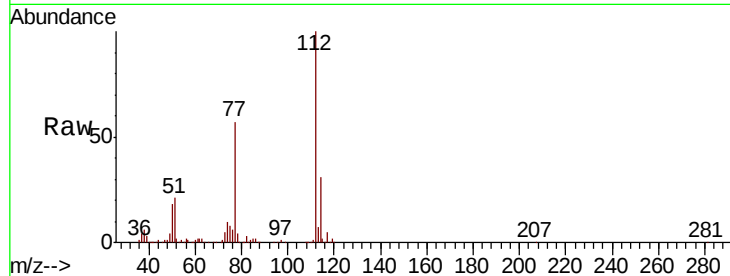




#65
Chlorobenzene
Concen: 18.414 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

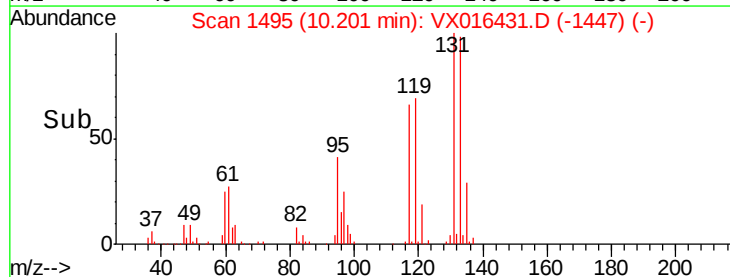
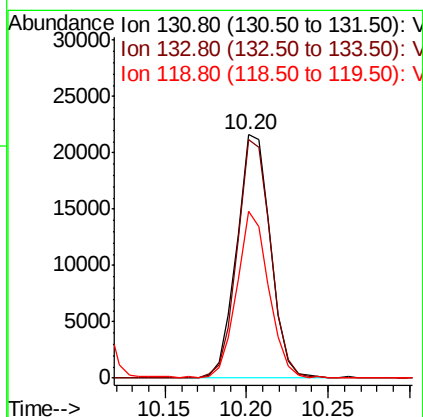
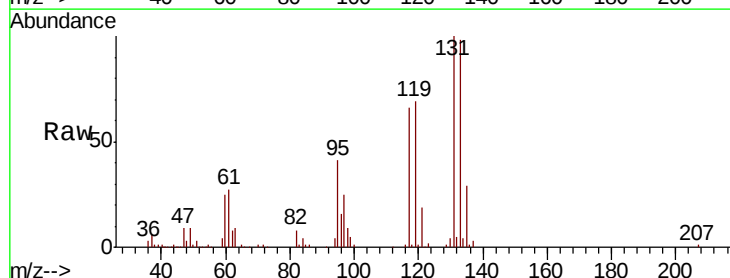
Instrument :
MSVOA_X
ClientSampleId :

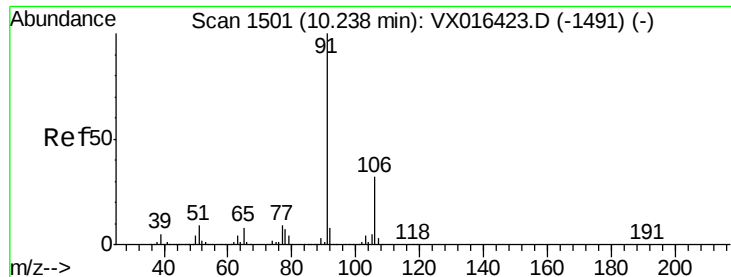
Tot Ion:112 Resp: 82372
Ion Ratio Lower Upper
112 100
114 30.9 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 17.903 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion:131 Resp: 31097
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.2
119 65.0 33.0 98.9

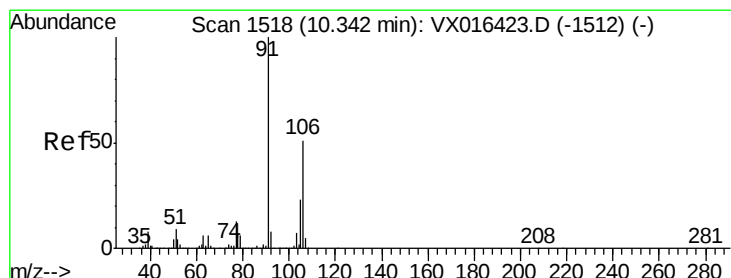
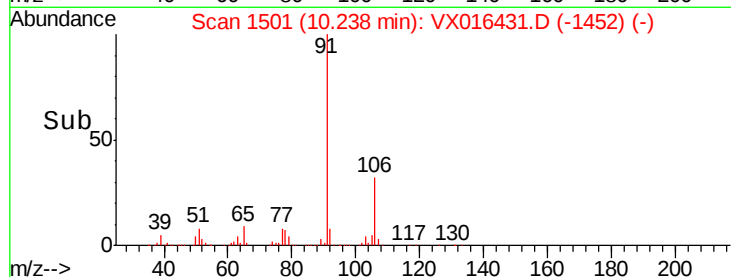
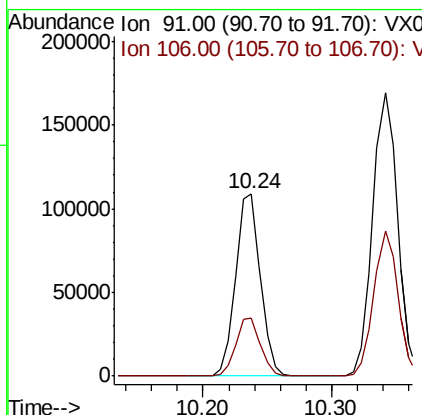
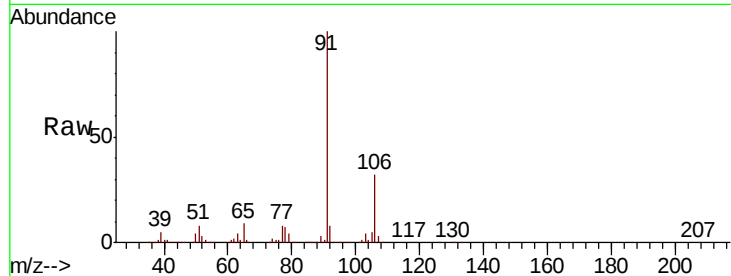




#67
Ethyl Benzene
Concen: 18.740 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

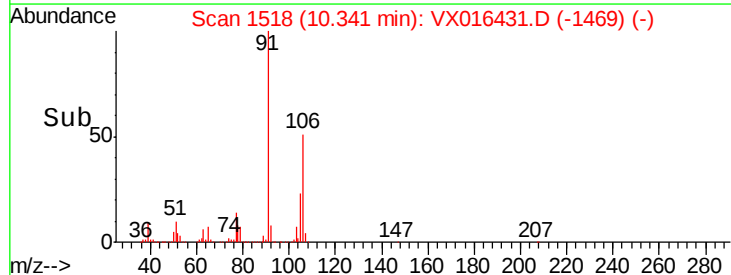
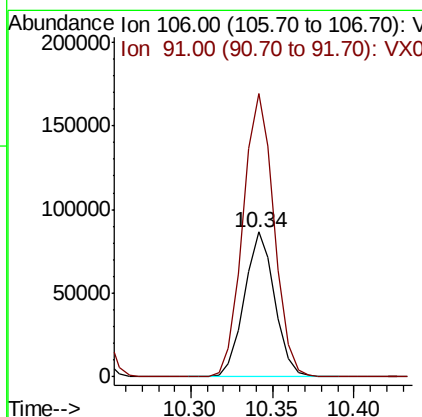
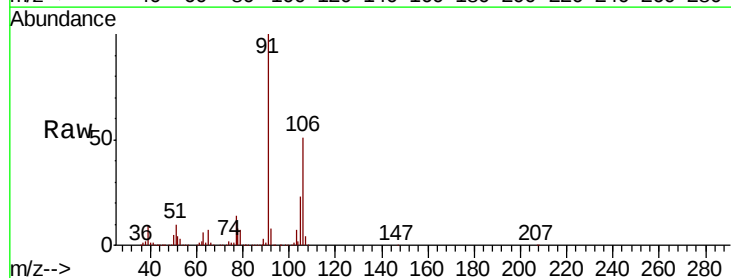
Instrument :
MSVOA_X
ClientSampleId :

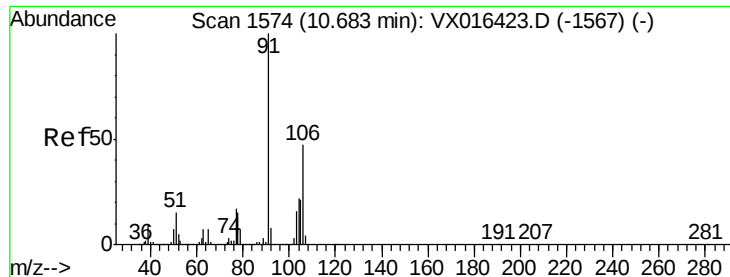
Tot Ion: 91 Resp: 145970
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.8



#68
m/p-Xylenes
Concen: 36.908 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion: 106 Resp: 112419
Ion Ratio Lower Upper
106 100
91 200.0 158.2 237.4

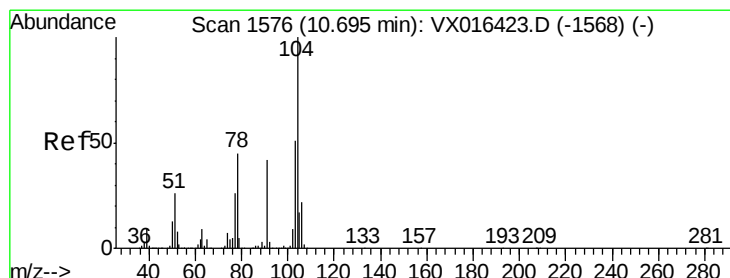
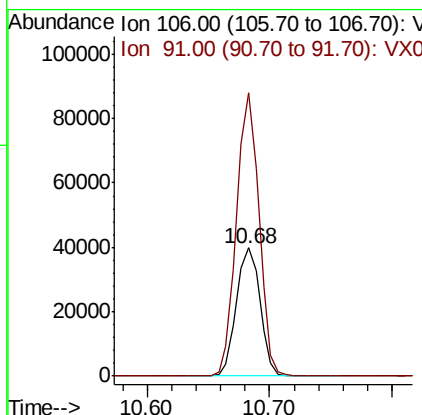
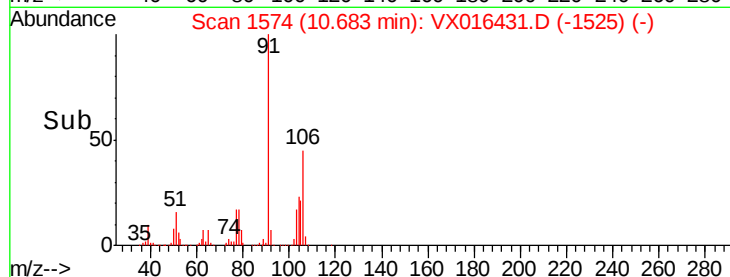
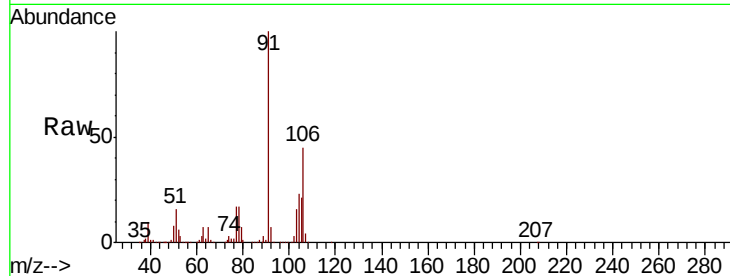




#69
o-Xylene
Concen: 18.441 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

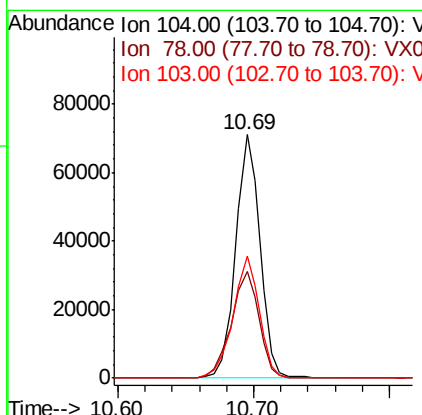
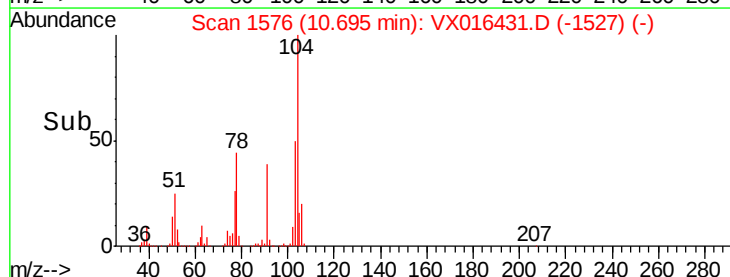
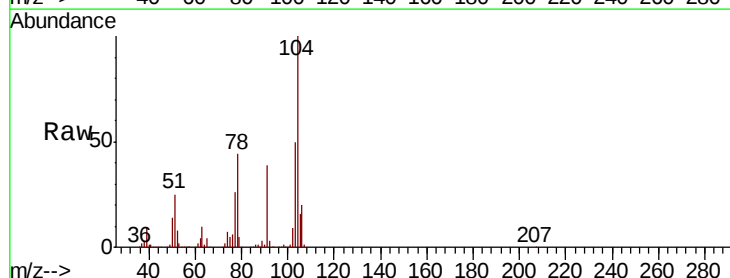
Instrument :
MSVOA_X
ClientSampled :

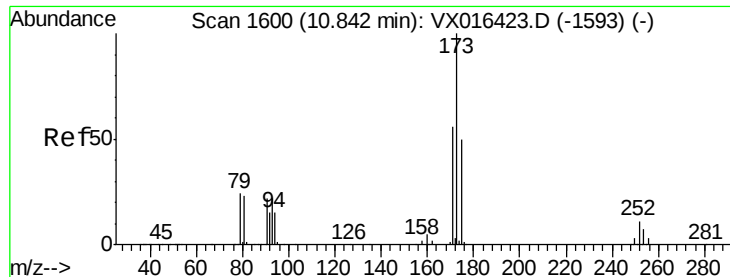
Tot Ion:106 Resp: 53378
Ion Ratio Lower Upper
106 100
91 208.9 104.0 312.0



#70
Styrene
Concen: 18.091 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion:104 Resp: 88404
Ion Ratio Lower Upper
104 100
78 50.2 39.2 58.8
103 54.3 43.8 65.6

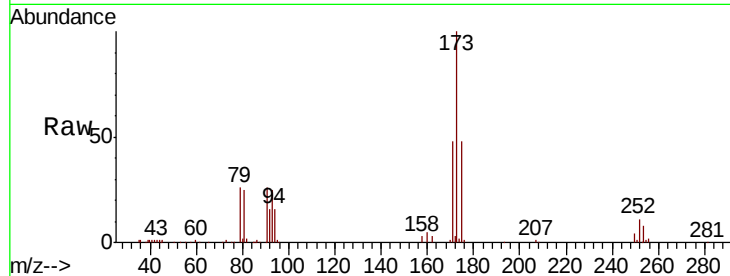




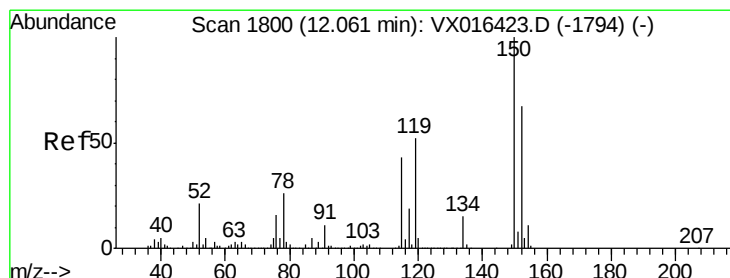
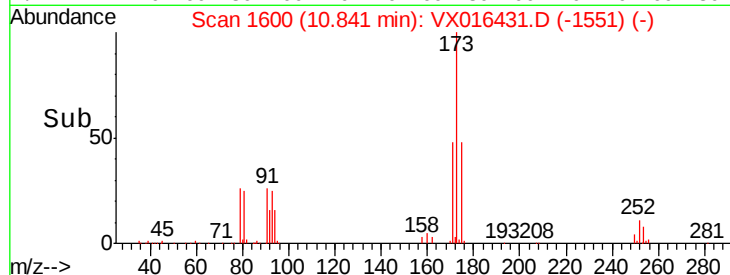
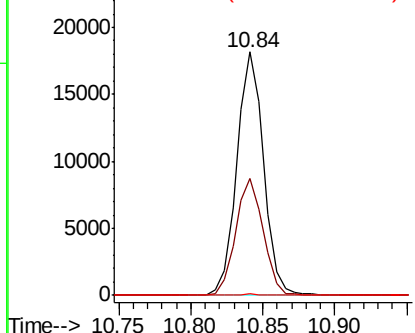
#71
Bromoform
Concen: 16.337 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 23426
Ion Ratio Lower Upper
173 100
175 49.3 24.5 73.5
254 0.3 0.2 0.2#

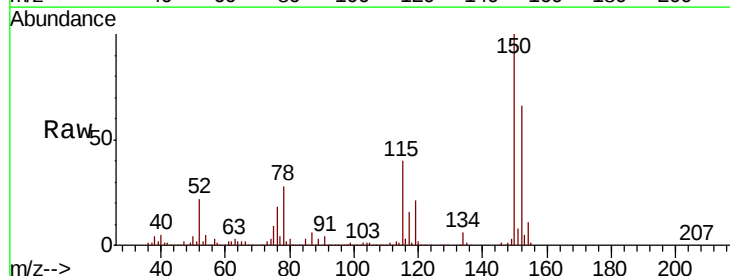


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

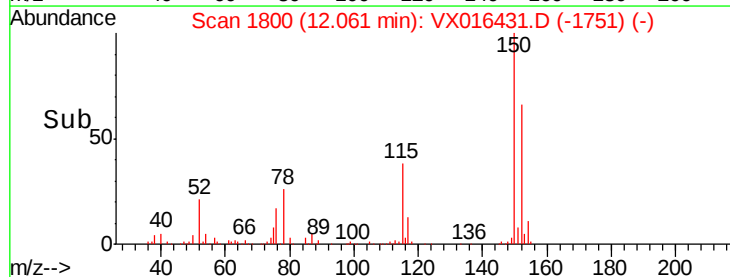
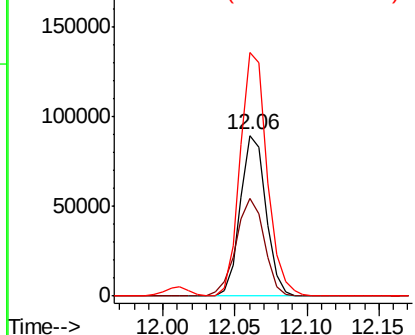


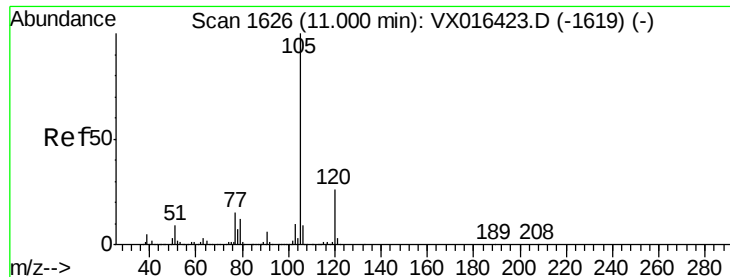
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion:152 Resp: 110611
Ion Ratio Lower Upper
152 100
115 67.5 40.4 121.2
150 159.2 0.0 345.8



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





#73

Isopropylbenzene

Concen: 18.612 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

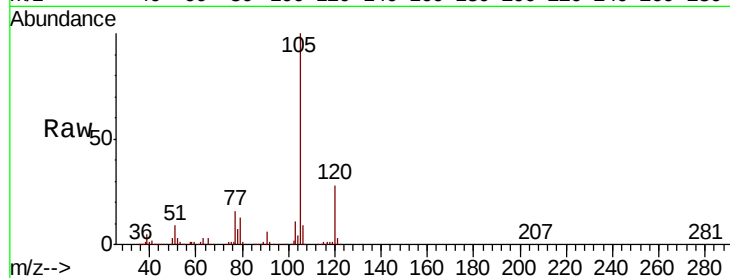
ClientSampleId :

Tot Ion:105 Resp: 138989

Ion Ratio Lower Upper

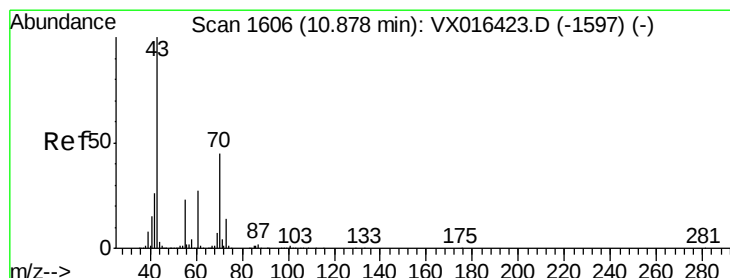
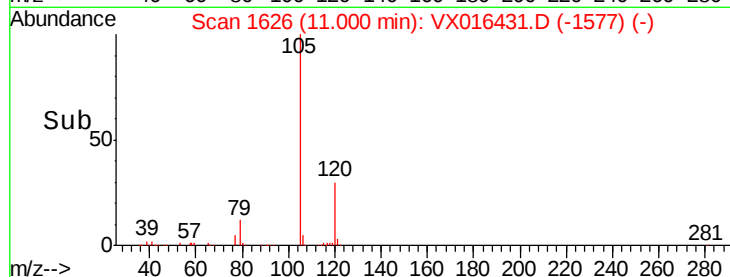
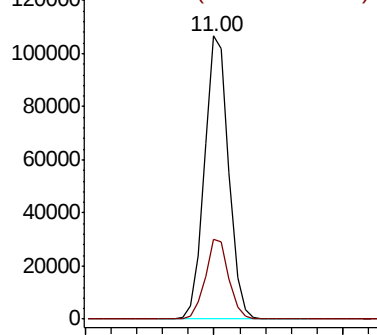
105 100

120 27.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.456 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion: 43 Resp: 58628

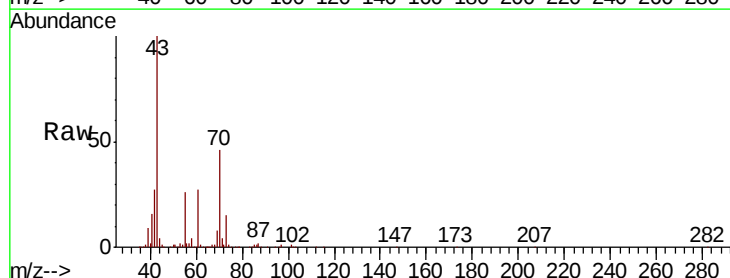
Ion Ratio Lower Upper

43 100

70 46.2 38.0 57.0

55 26.0 20.0 30.0

61 26.2 21.4 32.2

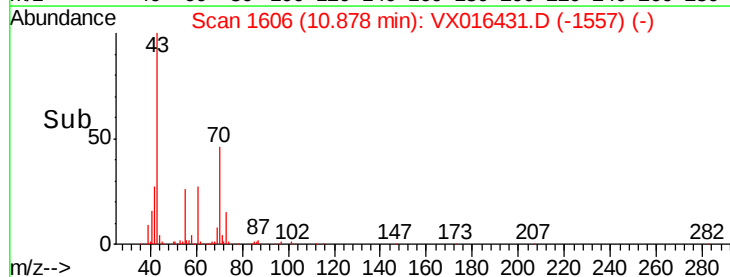
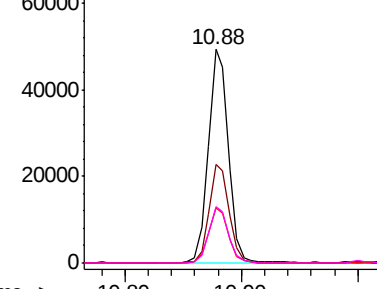


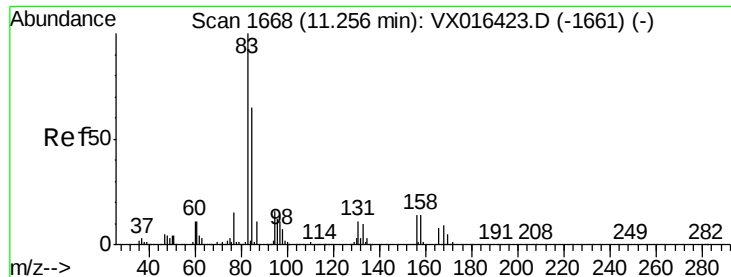
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.413 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

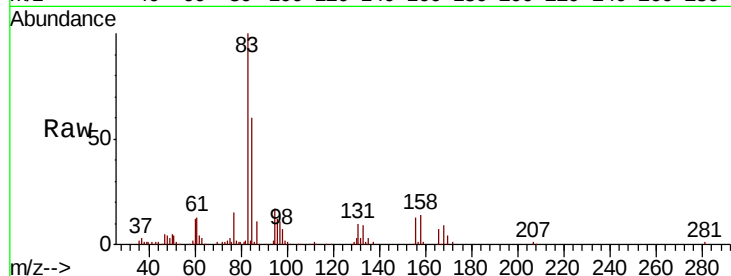
Tot Ion: 83 Resp: 34735

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

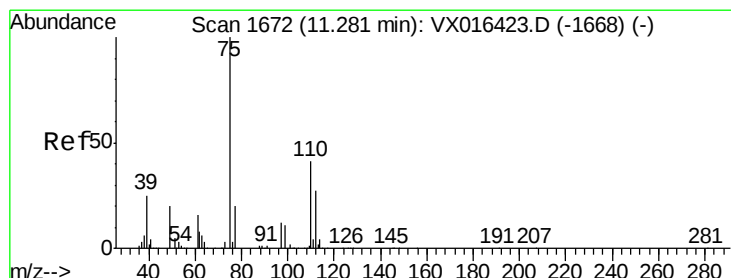
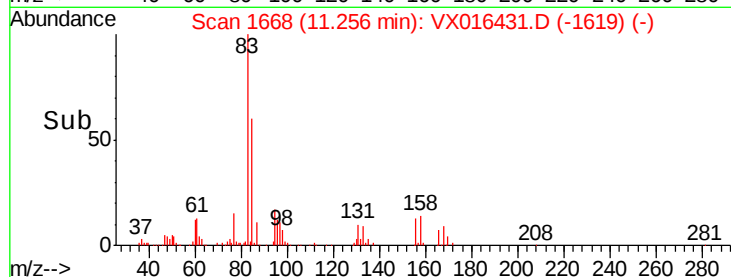
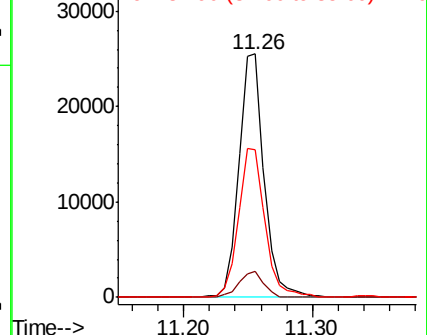
85 64.2 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.520 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016431.D

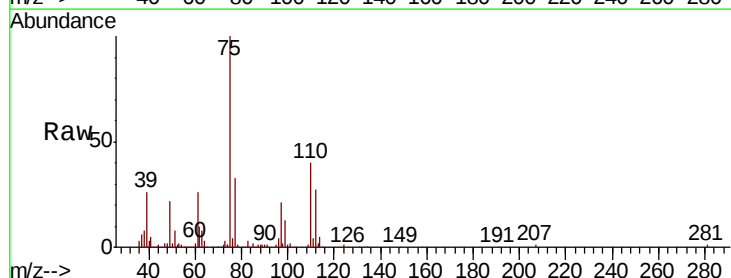
Acq: 26 May 2020 17:41

Tgt Ion: 75 Resp: 56293

Ion Ratio Lower Upper

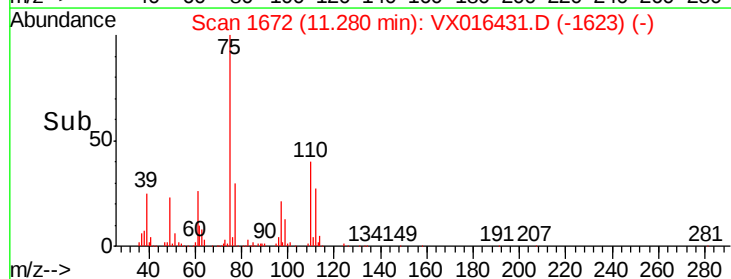
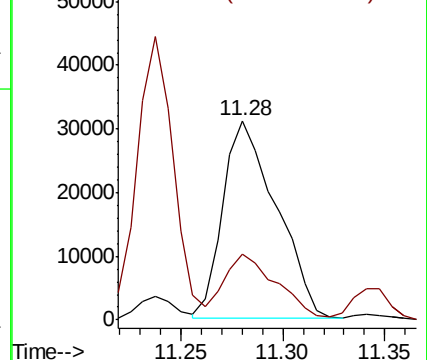
75 100

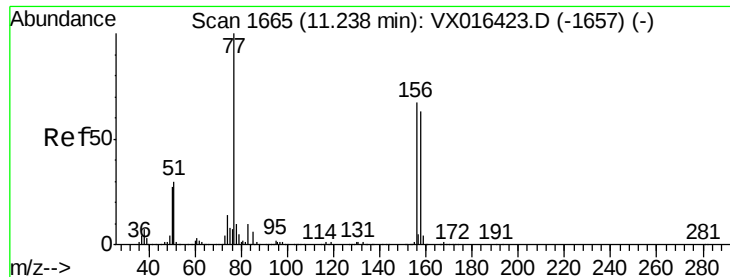
77 33.0 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.583 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

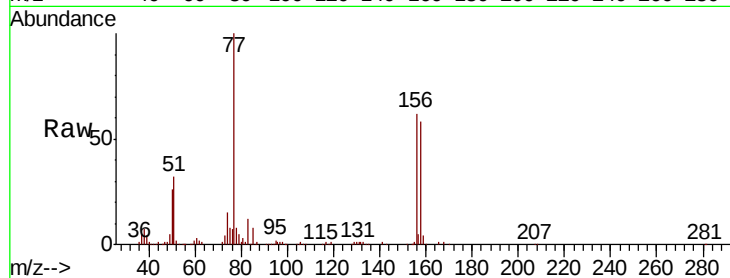
Tot Ion:156 Resp: 34000

Ion Ratio Lower Upper

156 100

77 163.4 74.6 223.8

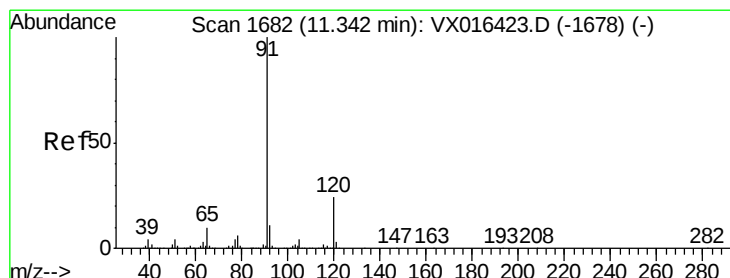
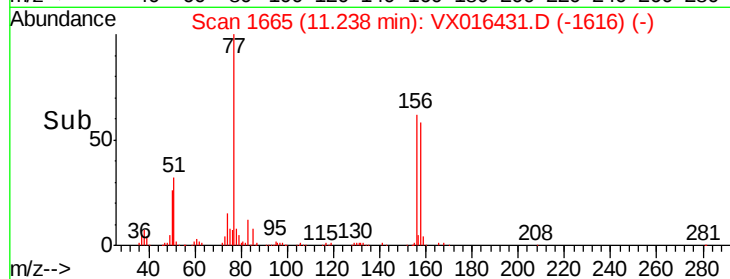
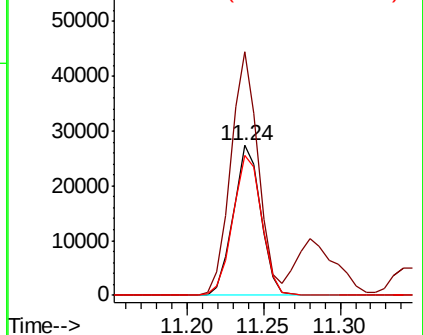
158 97.8 48.7 146.1



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: 18.635 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016431.D

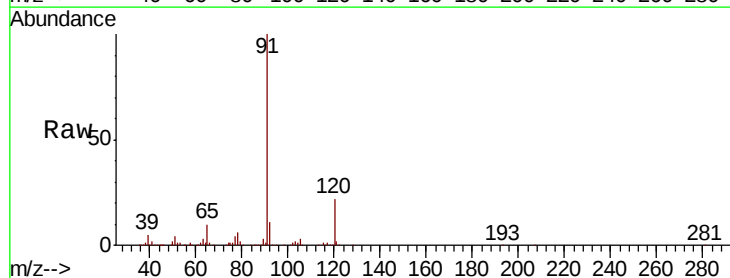
Acq: 26 May 2020 17:41

Tgt Ion: 91 Resp: 157335

Ion Ratio Lower Upper

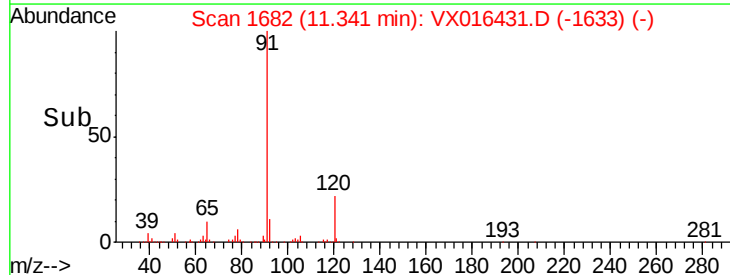
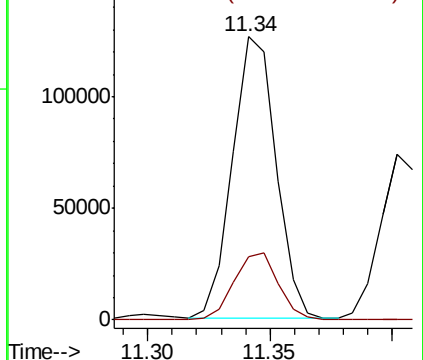
91 100

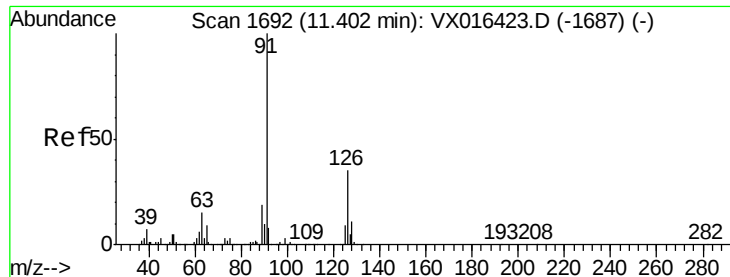
120 23.9 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.996 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

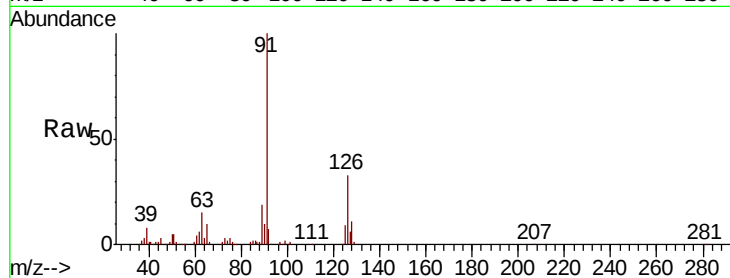
ClientSampleId :

Tot Ion: 91 Resp: 95413

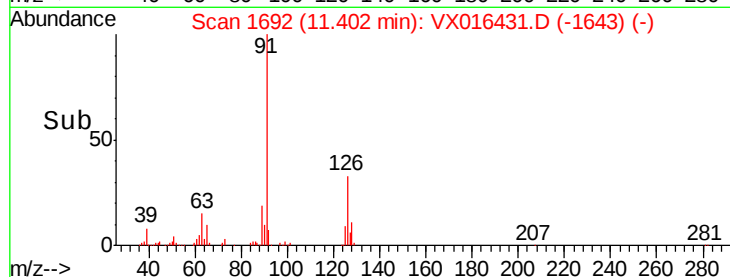
Ion Ratio Lower Upper

91 100

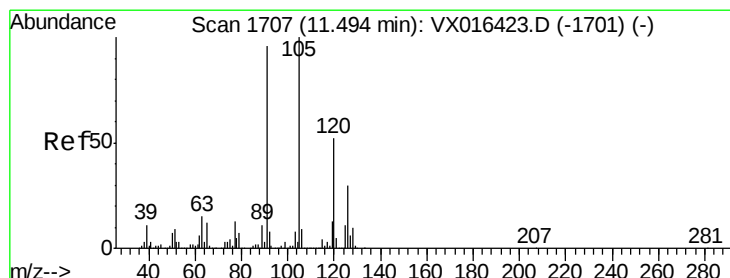
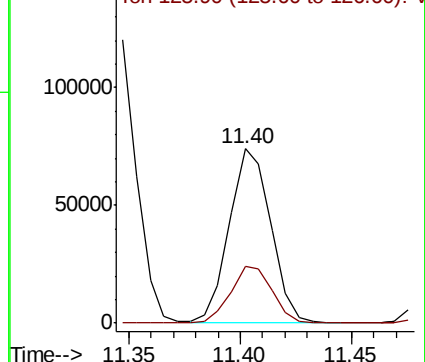
126 33.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX016431.D (-1643) (-)



Ion 125.90 (125.60 to 126.60): VX016431.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.744 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016431.D

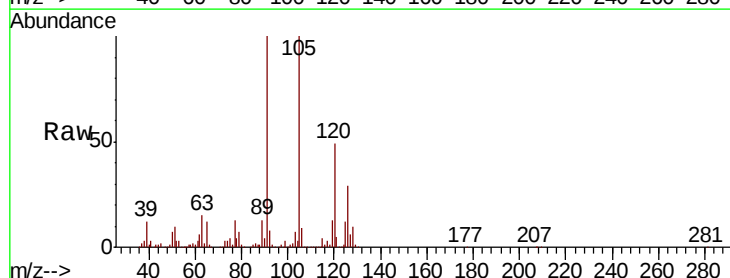
Acq: 26 May 2020 17:41

Tgt Ion:105 Resp: 117029

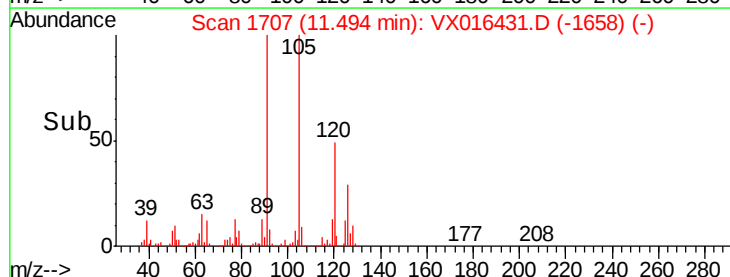
Ion Ratio Lower Upper

105 100

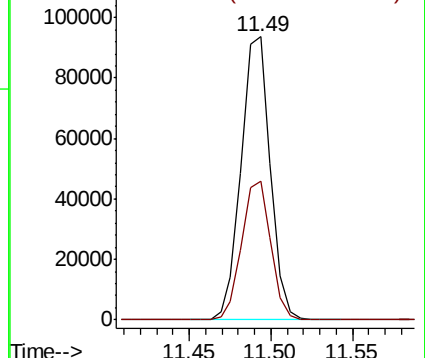
120 48.9 25.0 75.0

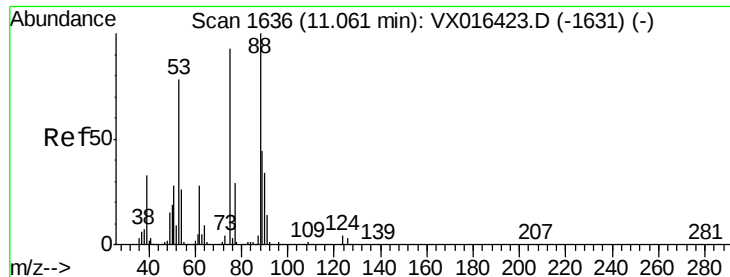


Abundance Ion 105.00 (104.70 to 105.70): VX016431.D (-1658) (-)



Ion 120.00 (119.70 to 120.70): VX016431.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.871 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

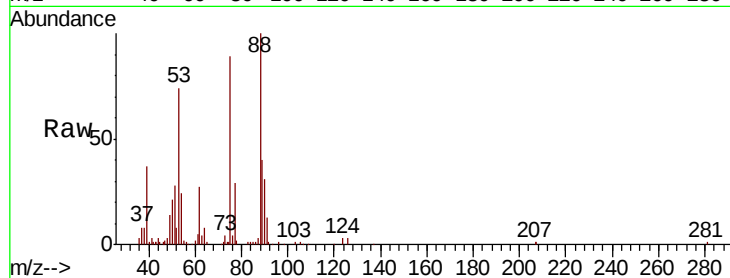
Tot Ion: 75 Resp: 17061

Ion Ratio Lower Upper

75 100

53 92.0 69.4 104.2

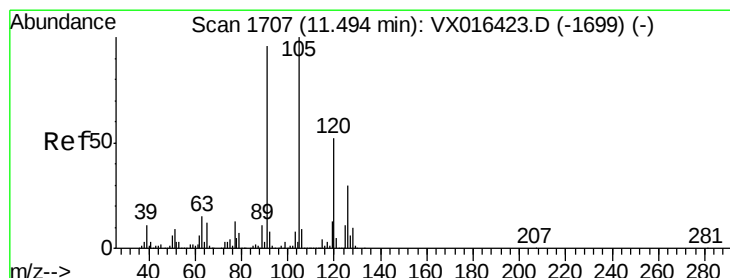
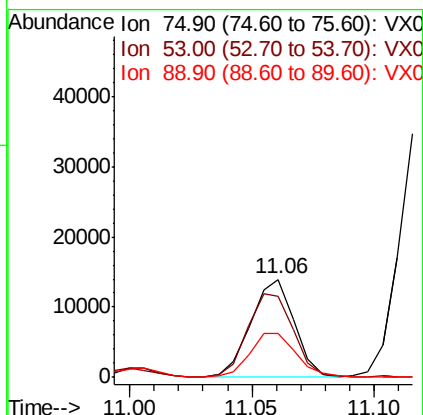
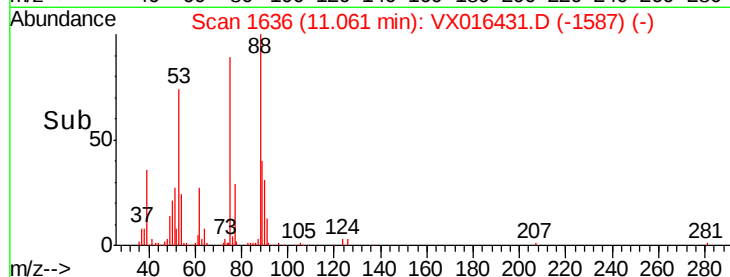
89 50.0 37.0 55.6



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: 18.825 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016431.D

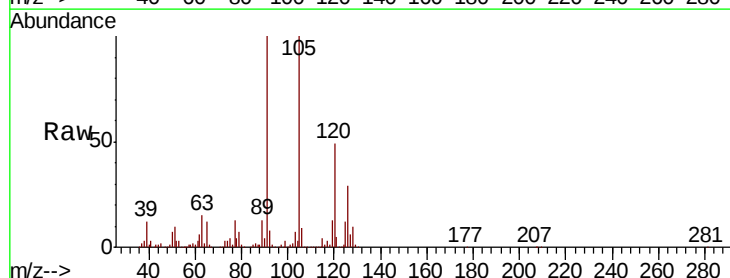
Acq: 26 May 2020 17:41

Tgt Ion: 91 Resp: 113722

Ion Ratio Lower Upper

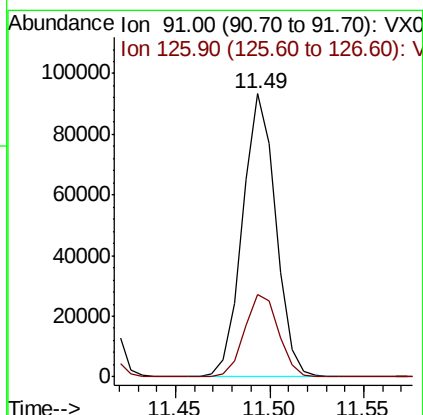
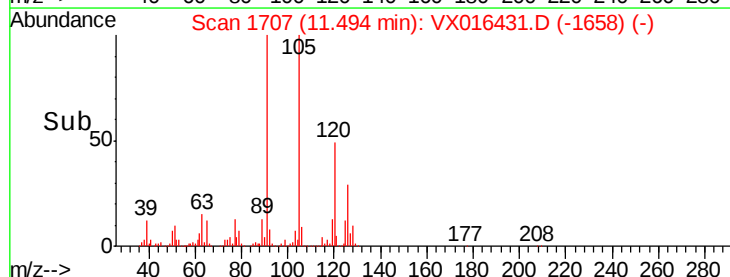
91 100

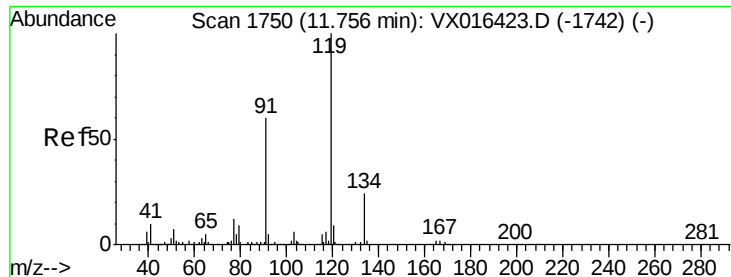
126 30.3 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.493 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

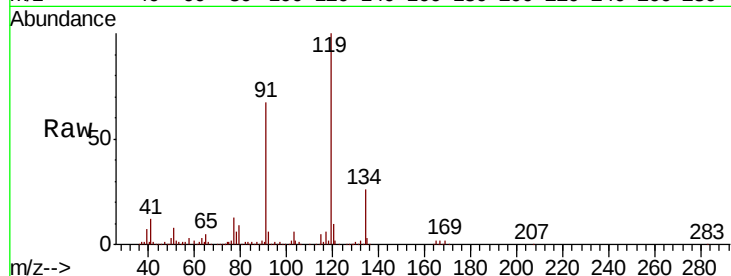
Tot Ion:119 Resp: 98733

Ion Ratio Lower Upper

119 100

91 64.1 30.8 92.3

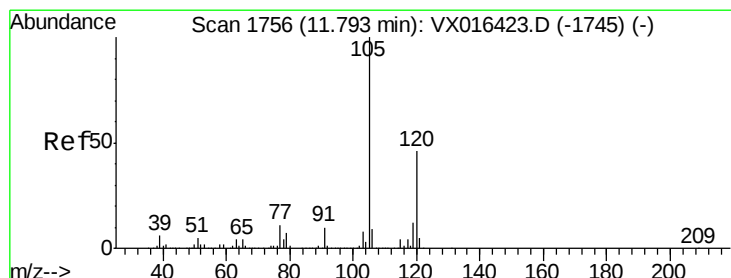
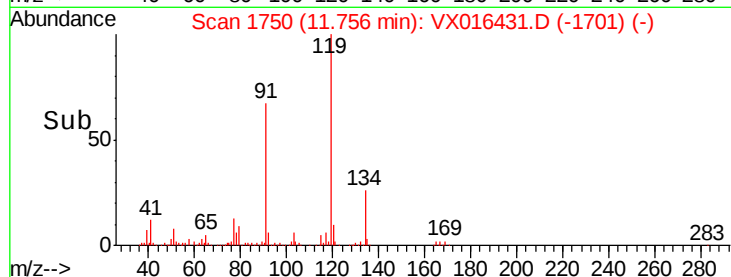
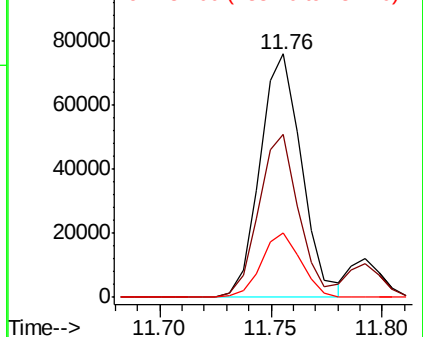
134 25.1 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.872 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016431.D

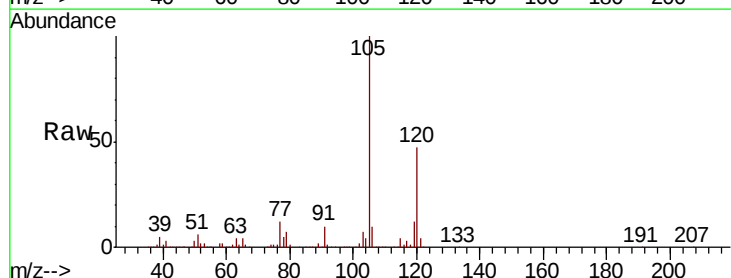
Acq: 26 May 2020 17:41

Tgt Ion:105 Resp: 118744

Ion Ratio Lower Upper

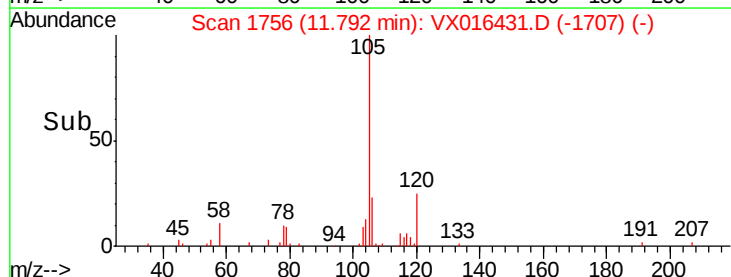
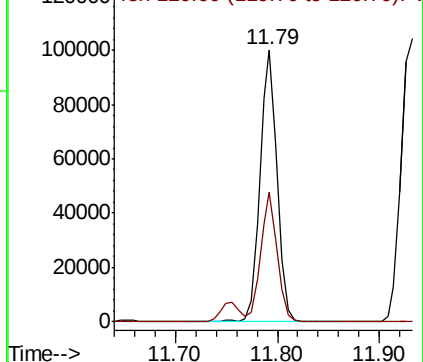
105 100

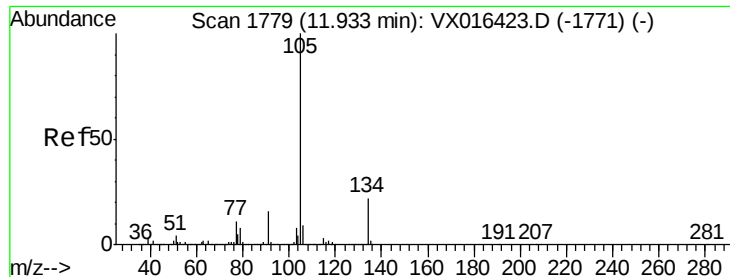
120 45.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.761 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

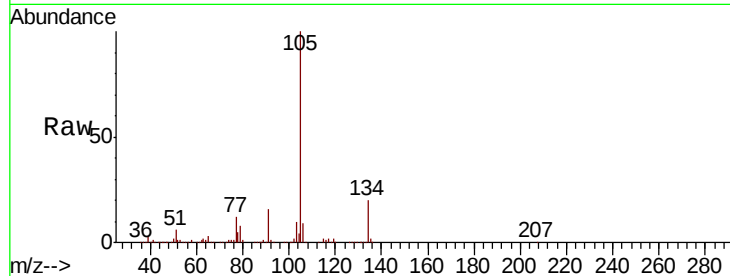
ClientSampleId :

Tot Ion:105 Resp: 126893

Ion Ratio Lower Upper

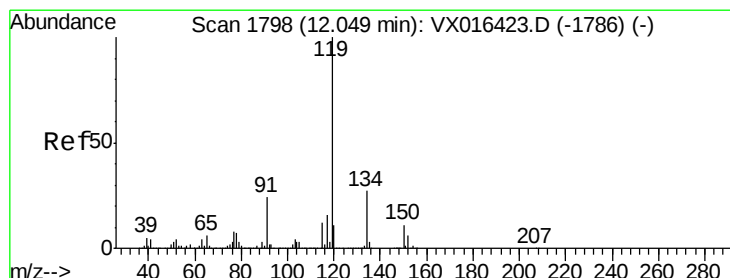
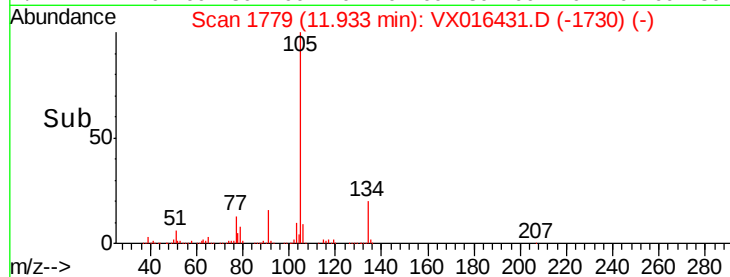
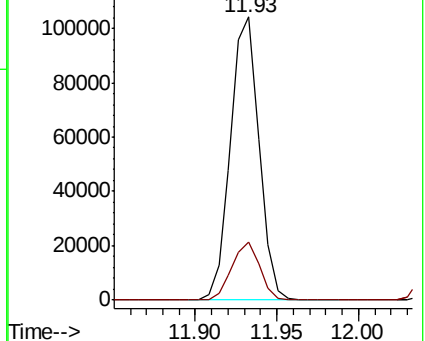
105 100

134 20.2 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.685 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

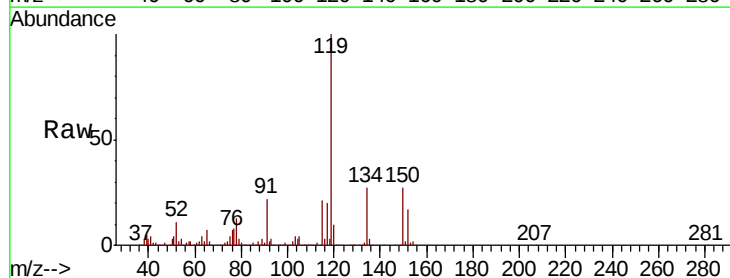
Tgt Ion:119 Resp: 118067

Ion Ratio Lower Upper

119 100

134 26.7 13.8 41.3

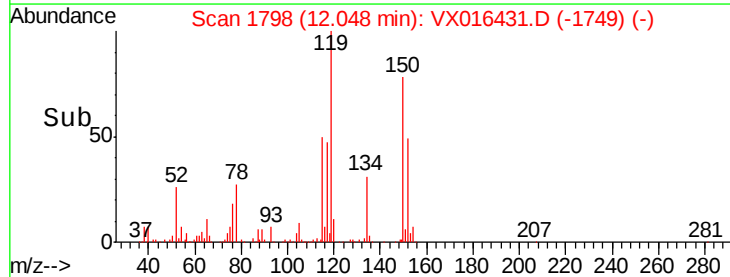
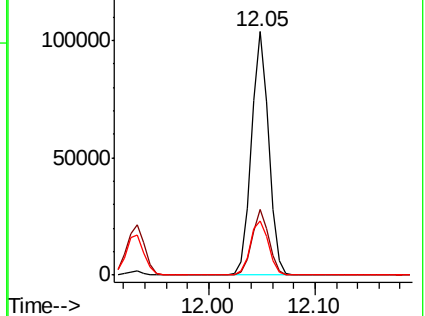
91 23.9 11.9 35.5

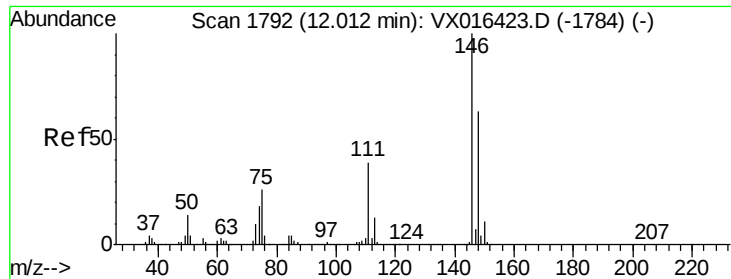


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 17.904 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016431.D

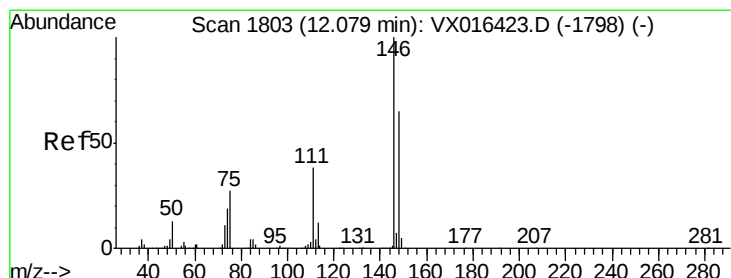
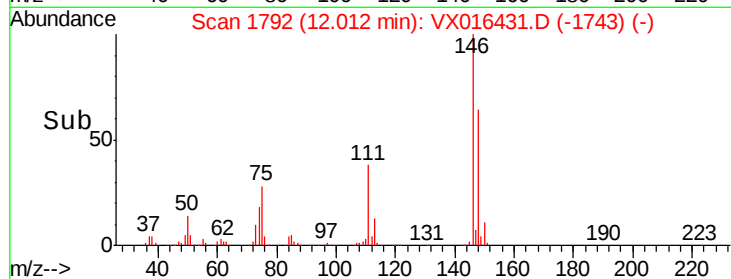
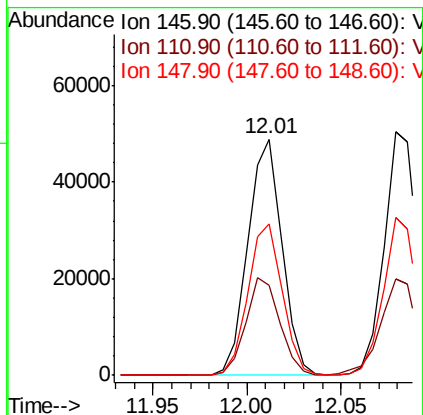
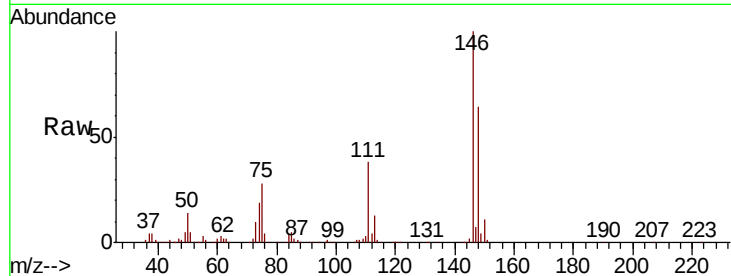
Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:146	Resp:	61460
Ion	Ratio	Lower Upper
146	100	
111	41.4	20.1 60.2
148	64.4	31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 18.060 ug/l

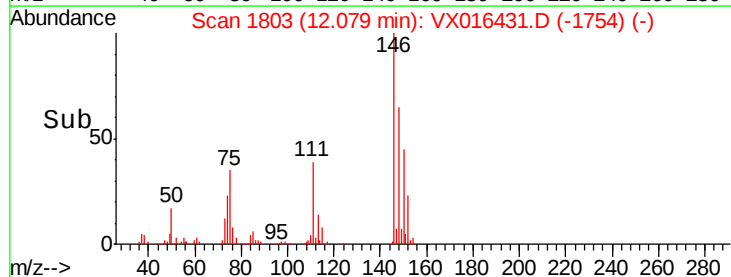
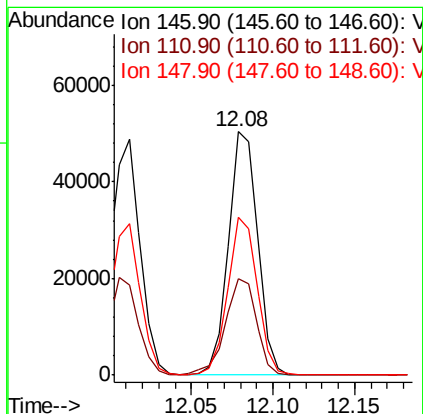
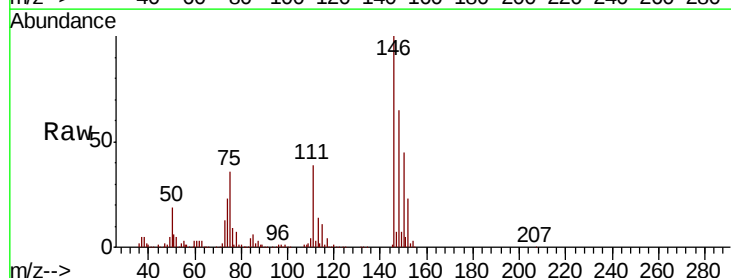
RT: 12.08 min Scan# 1803

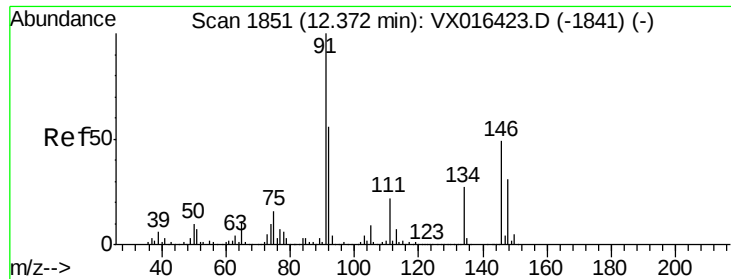
Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:146	Resp:	62754
Ion	Ratio	Lower Upper
146	100	
111	42.0	19.2 57.6
148	65.6	33.1 99.2

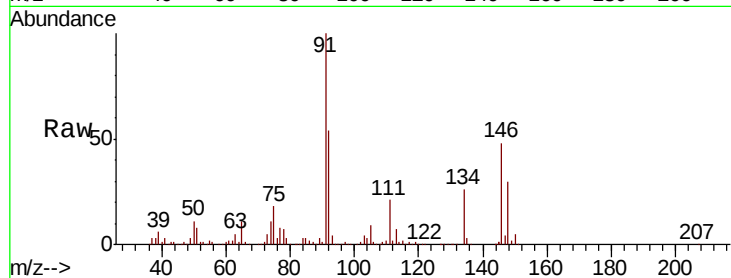




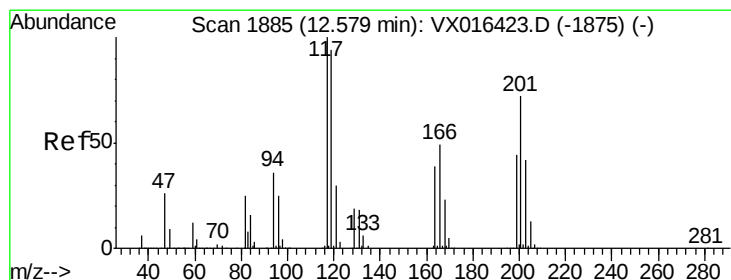
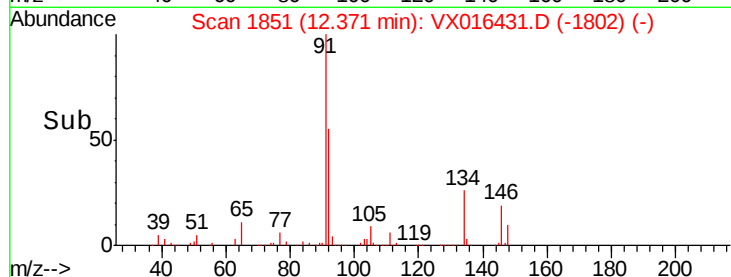
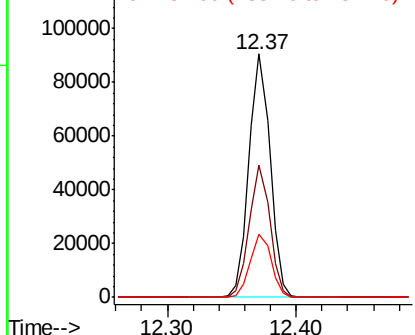
#89
n-Butylbenzene
Concen: 18.652 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 102250
Ion Ratio Lower Upper
91 100
92 53.1 27.6 82.8
134 25.9 13.7 41.1

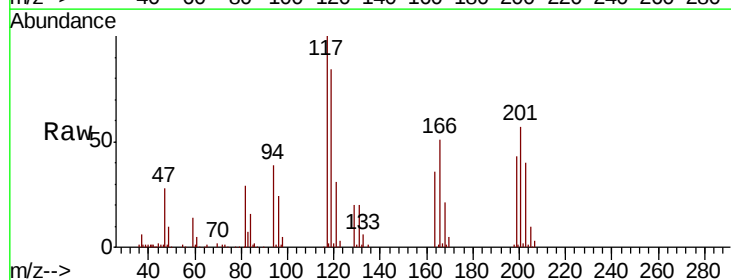


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

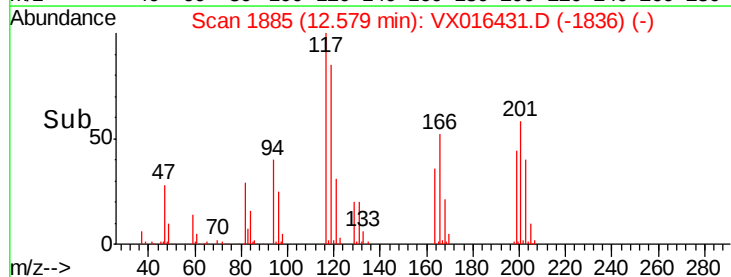
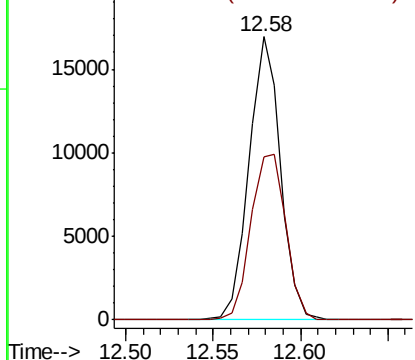


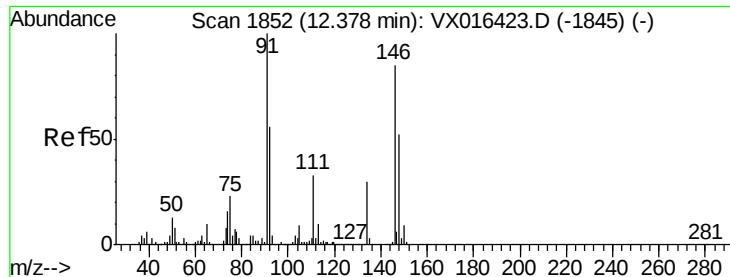
#90
Hexachloroethane
Concen: 18.609 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion: 117 Resp: 21310
Ion Ratio Lower Upper
117 100
201 65.0 37.6 112.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.186 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

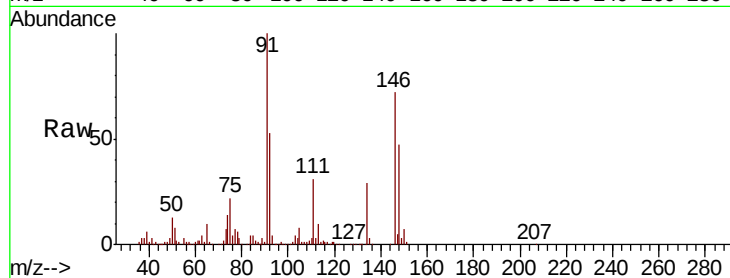
Tot Ion:146 Resp: 61516

Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.3

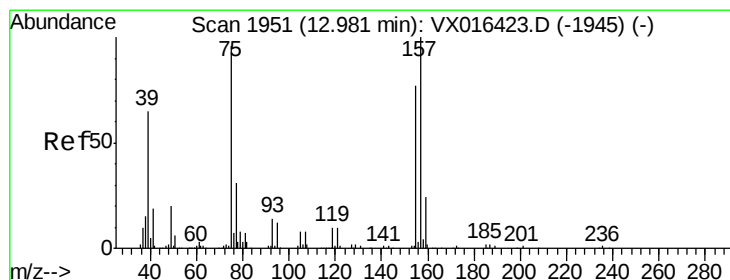
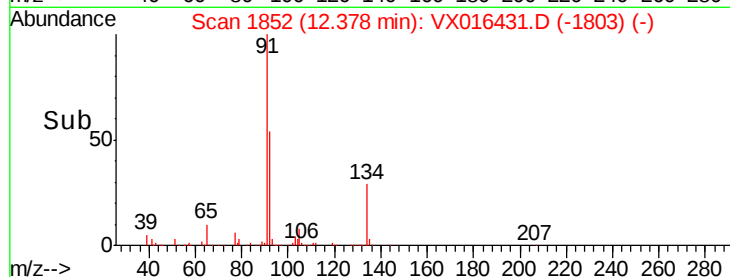
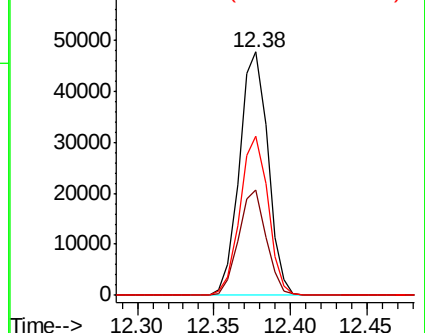
148 64.5 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.178 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

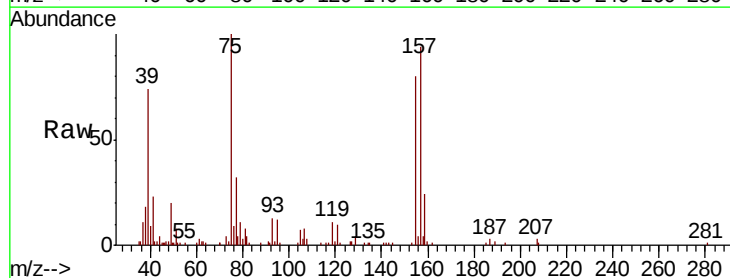
Tgt Ion: 75 Resp: 11195

Ion Ratio Lower Upper

75 100

155 84.7 44.8 134.4

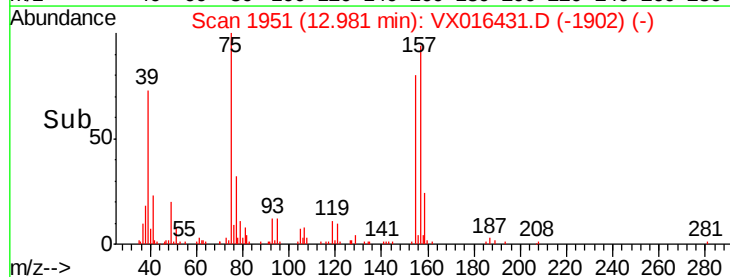
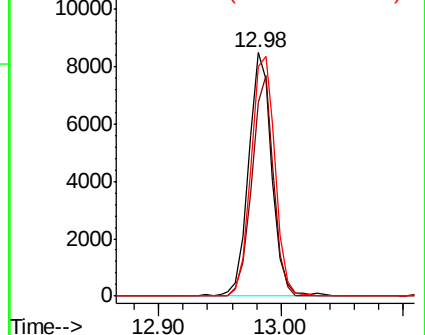
157 102.1 57.8 173.4

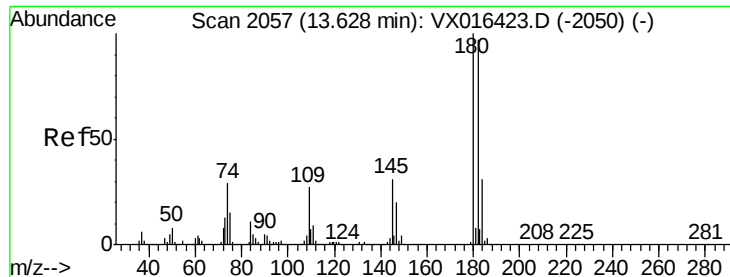


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 16.408 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

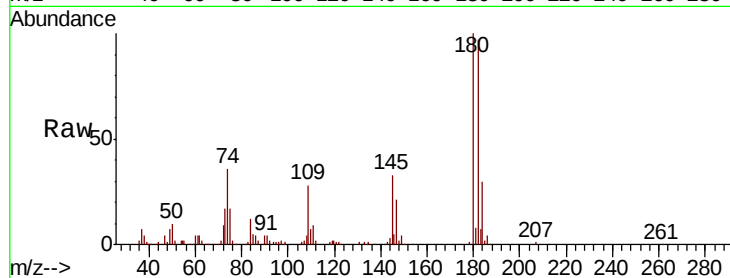
Tot Ion:180 Resp: 34547

Ion Ratio Lower Upper

180 100

182 97.2 48.6 145.8

145 32.6 15.5 46.5

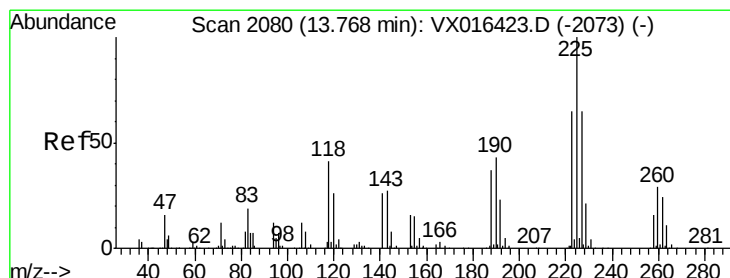
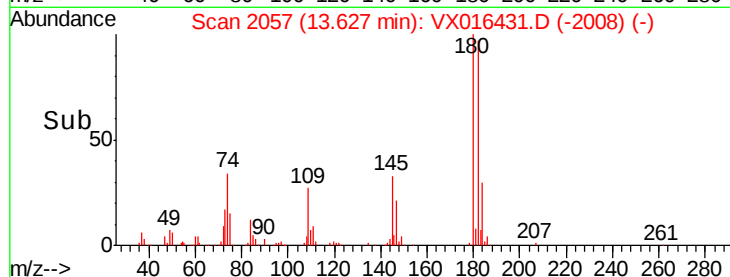
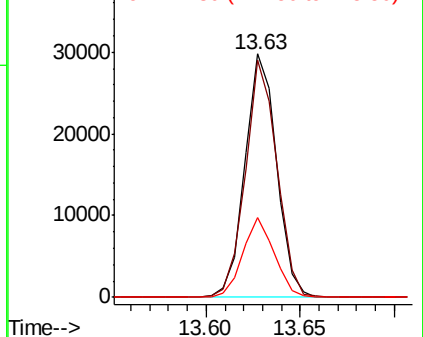


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.301 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

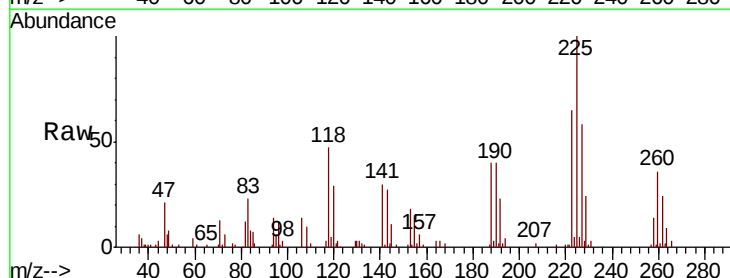
Tgt Ion:225 Resp: 13135

Ion Ratio Lower Upper

225 100

223 63.1 32.6 98.0

227 59.5 32.5 97.4

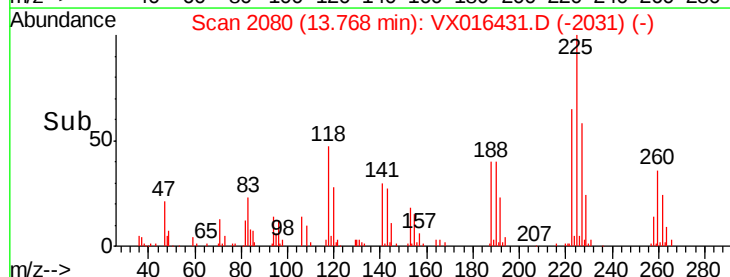
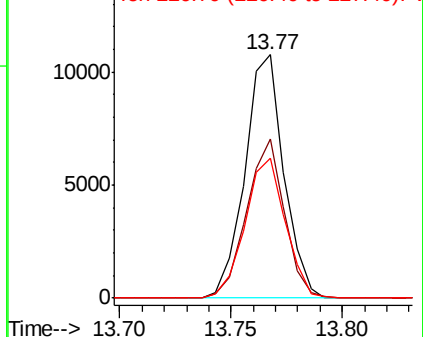


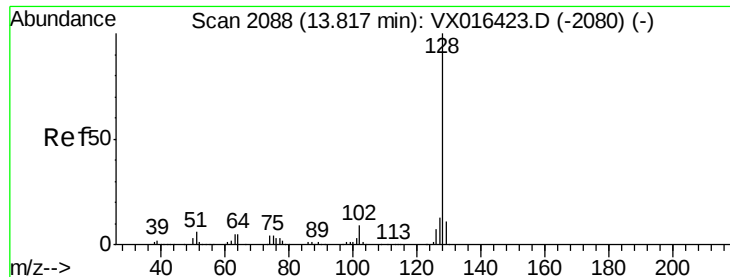
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

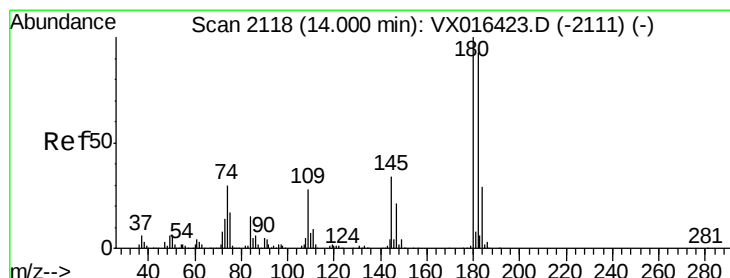
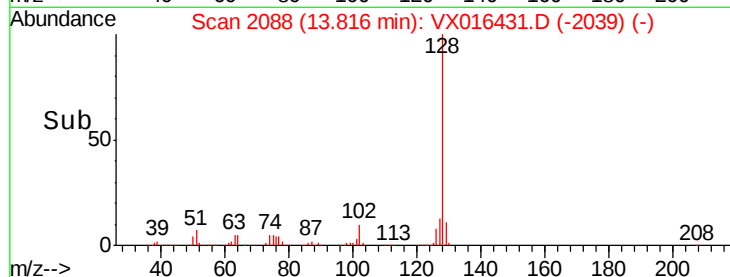
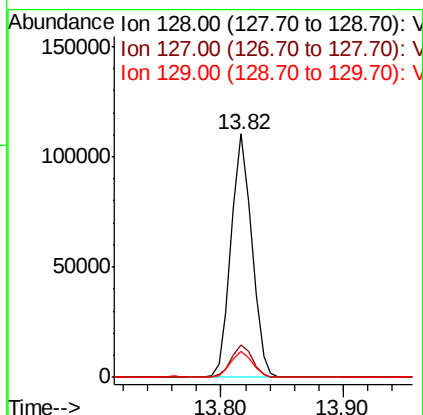
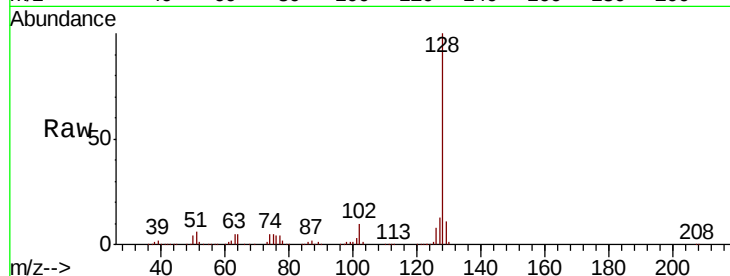




#95
Naphthalene
Concen: 17.167 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 17.370 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.2	144.6
145	32.4	16.3	48.9

