

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
 Data File : VX016422.D
 Acq On : 26 May 2020 13:17
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: May 26 15:57:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	156190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	265416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	252287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	121217	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	40676	19.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	39.20%	
35) Dibromofluoromethane	5.47	113	31484	18.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	37.00%	
50) Toluene-d8	8.70	98	119148	18.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	36.42%	
62) 4-Bromofluorobenzene	11.12	95	42769	17.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	34.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	23000	14.516	ug/l	96
3) Chloromethane	1.32	50	30910	16.529	ug/l	100
4) Vinyl Chloride	1.39	62	39684	19.232	ug/l	99
5) Bromomethane	1.63	94	29621	22.028	ug/l	95
6) Chloroethane	1.72	64	28453	22.210	ug/l	95
7) Trichlorofluoromethane	1.92	101	63479	22.618	ug/l	99
8) Diethyl Ether	2.17	74	25484	21.709	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26918	17.558	ug/l	100
10) Methyl Iodide	2.49	142	23742	12.050	ug/l	100
11) Tert butyl alcohol	3.01	59	42101	82.956	ug/l	97
12) 1,1-Dichloroethene	2.36	96	27646	17.242	ug/l	97
13) Acrolein	2.27	56	21362	69.316	ug/l	98
14) Allyl chloride	2.71	41	45460	15.698	ug/l	98
15) Acrylonitrile	3.12	53	84409	79.842	ug/l	99
16) Acetone	2.42	43	76697	85.205	ug/l	97
17) Carbon Disulfide	2.55	76	80735	14.815	ug/l	99
18) Methyl Acetate	2.75	43	36040	16.295	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	95503	17.183	ug/l	96
20) Methylene Chloride	2.84	84	31857	17.003	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	30458	16.809	ug/l	95
22) Diisopropyl ether	3.82	45	90760	16.367	ug/l	100
23) Vinyl Acetate	3.79	43	402517	82.657	ug/l	100
24) 1,1-Dichloroethane	3.67	63	53478	17.126	ug/l	97
25) 2-Butanone	4.63	43	118712	81.745	ug/l	99
26) 2,2-Dichloropropane	4.56	77	49928	17.465	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	33981	17.091	ug/l	97
28) Bromochloromethane	4.98	49	28649	20.030	ug/l	91
29) Tetrahydrofuran	5.09	42	78602	81.797	ug/l	99
30) Chloroform	5.18	83	56714	18.064	ug/l	92
31) Cyclohexane	5.56	56	44860	16.081	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	50939	17.794	ug/l	95
36) 1,1-Dichloropropene	5.77	75	40257	15.505	ug/l	99
37) Ethyl Acetate	4.79	43	46525	15.711	ug/l	99
38) Carbon Tetrachloride	5.75	117	44223	16.685	ug/l	93

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 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: May 26 15:57:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	44525	14.487	ug/l	97
40) Benzene	6.12	78	126525	16.630	ug/l	98
41) Methacrylonitrile	5.01	41	24061	15.053	ug/l	97
42) 1,2-Dichloroethane	6.17	62	46836	17.112	ug/l	100
43) Isopropyl Acetate	6.42	43	75377	15.904	ug/l	99
44) Trichloroethene	7.19	130	41207	15.329	ug/l	98
45) 1,2-Dichloropropane	7.49	63	31152	16.300	ug/l	99
46) Dibromomethane	7.63	93	22366	16.929	ug/l	97
47) Bromodichloromethane	7.88	83	45223	16.948	ug/l	97
48) Methyl methacrylate	7.74	41	33640	15.064	ug/l	98
49) 1,4-Dioxane	7.71	88	17063	313.878	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	235387	81.069	ug/l	97
52) Toluene	8.77	92	80917	16.989	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	52094	16.426	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	53541	16.231	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	31513	16.745	ug/l	97
56) Ethyl methacrylate	9.16	69	47492	15.703	ug/l	95
57) 1,3-Dichloropropane	9.35	76	55418	17.003	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	134433	83.654	ug/l	97
59) 2-Hexanone	9.47	43	178100	78.038	ug/l	100
60) Dibromochloromethane	9.57	129	35907	17.225	ug/l	98
61) 1,2-Dibromoethane	9.65	107	35130	17.184	ug/l	99
64) Tetrachloroethene	9.32	164	46757	15.290	ug/l	94
65) Chlorobenzene	10.12	112	86796	16.475	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	33595	17.204	ug/l	98
67) Ethyl Benzene	10.24	91	152250	16.297	ug/l	100
68) m/p-Xylenes	10.34	106	116396	33.159	ug/l	99
69) o-Xylene	10.68	106	55512	16.419	ug/l	96
70) Styrene	10.70	104	90748	15.868	ug/l	99
71) Bromoform	10.84	173	25454	15.973	ug/l #	99
73) Isopropylbenzene	11.00	105	146325	16.731	ug/l	99
74) N-amyl acetate	10.88	43	62073	15.492	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	33526	20.874	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	61477	22.663	ug/l	82
77) Bromobenzene	11.24	156	37140	16.343	ug/l	96
78) n-propylbenzene	11.34	91	162071	15.967	ug/l	97
79) 2-Chlorotoluene	11.40	91	99418	16.563	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	122196	16.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	18160	16.052	ug/l	99
82) 4-Chlorotoluene	11.49	91	117519	16.564	ug/l	99
83) tert-Butylbenzene	11.76	119	101449	15.959	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	123939	16.646	ug/l	99
85) sec-Butylbenzene	11.93	105	130793	15.379	ug/l	100
86) p-Isopropyltoluene	12.05	119	121170	15.383	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	65984	16.255	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	67567	16.391	ug/l	97
89) n-Butylbenzene	12.37	91	104292	14.574	ug/l	97
90) Hexachloroethane	12.58	117	21412	15.727	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	64991	16.545	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	11359	15.876	ug/l	94

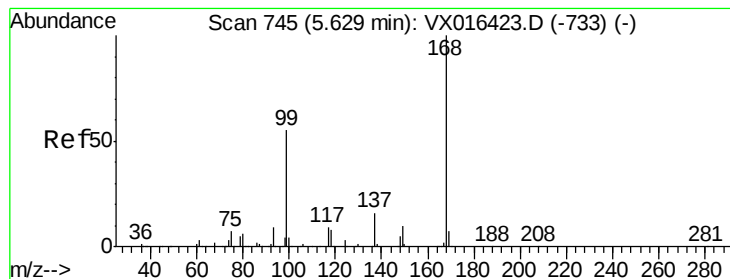
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
Data File : VX016422.D
Acq On : 26 May 2020 13:17
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Sample : VSTDICC020
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VSTDICC020

Quant Time: May 26 15:57:35 2020
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Quant Title : SW846 8260
QLast Update : Tue May 26 15:50:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	38383	13.475	ug/l	99
94) Hexachlorobutadiene	13.77	225	13362	10.491	ug/l	99
95) Naphthalene	13.82	128	142878	15.316	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	37399	13.498	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

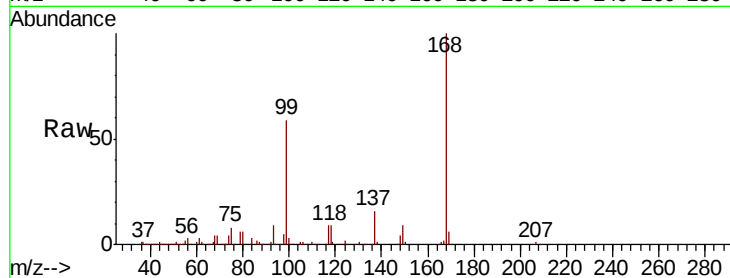
VSTDIC020

Tot Ion:168 Resp: 156190

Ion Ratio Lower Upper

168 100

99 58.8 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

50000

40000

30000

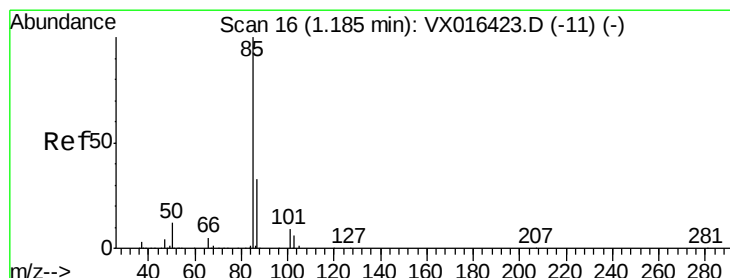
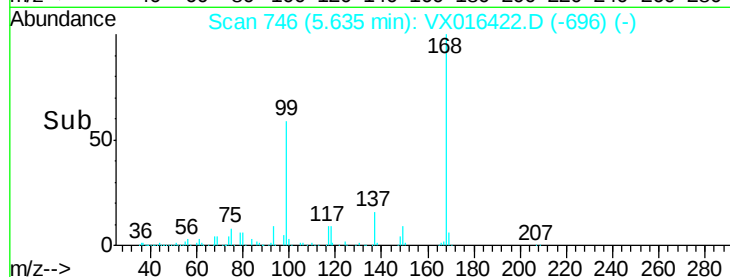
20000

10000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 14.516 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016422.D

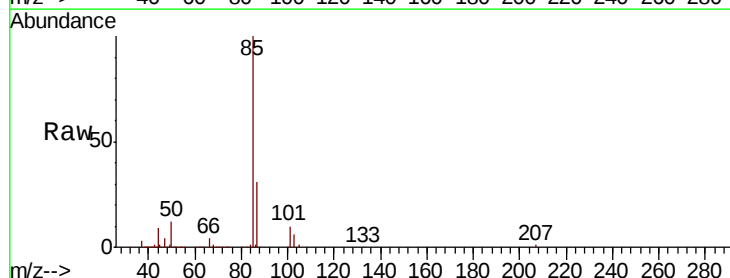
Acq: 26 May 2020 13:17

Tgt Ion: 85 Resp: 23000

Ion Ratio Lower Upper

85 100

87 30.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

30000

25000

20000

15000

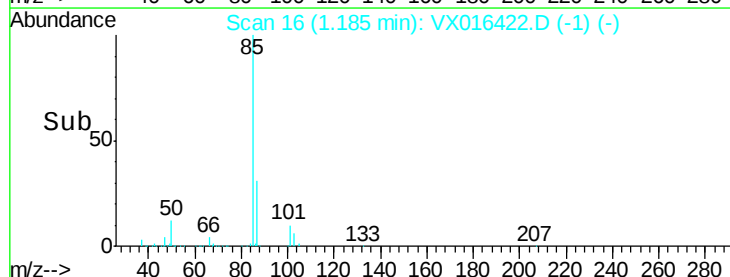
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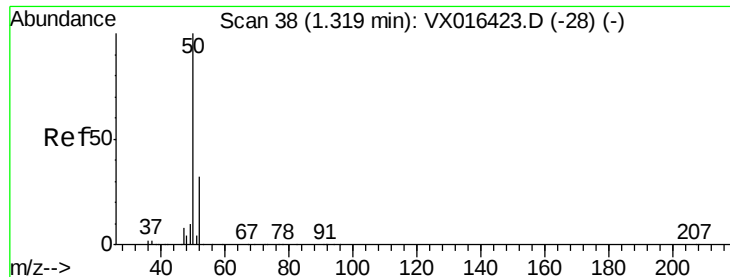
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.529 ug/l

RT: 1.32 min Scan# 38

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

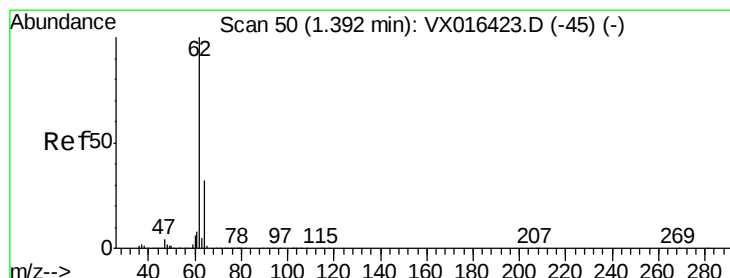
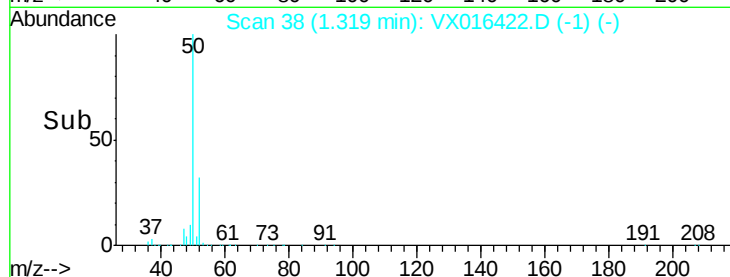
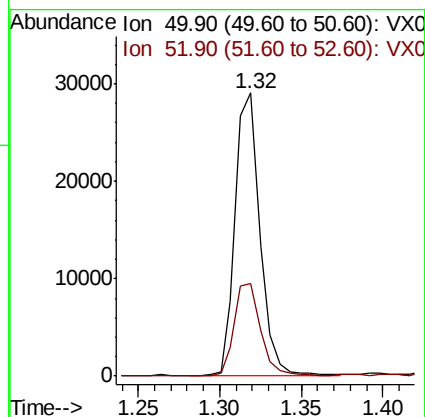
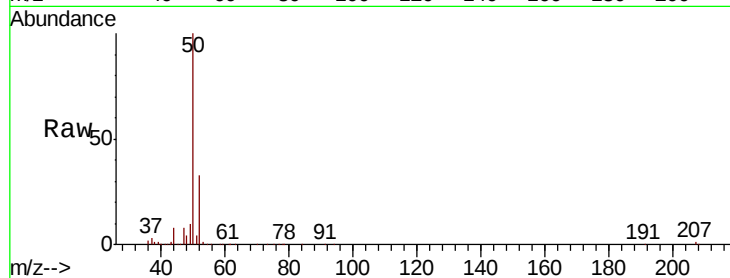
VSTDIC020

Tot Ion: 50 Resp: 30910

Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9



#4

Vinyl Chloride

Concen: 19.232 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016422.D

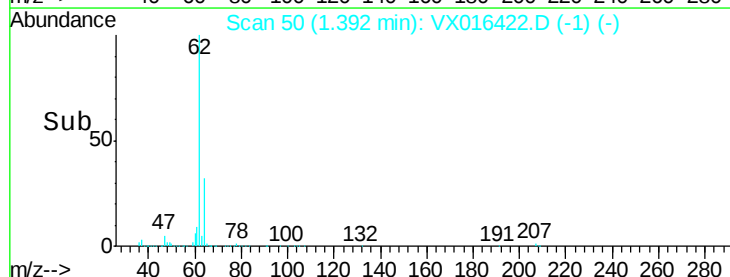
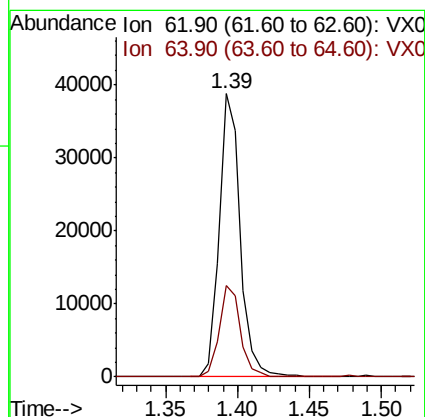
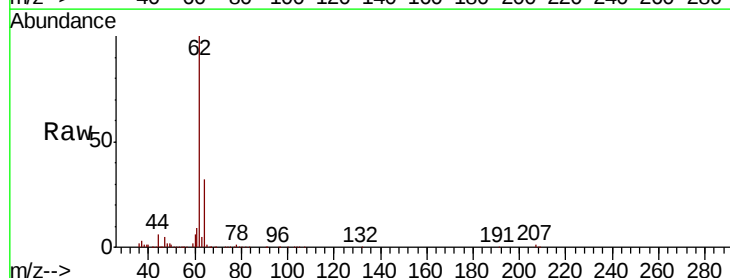
Acq: 26 May 2020 13:17

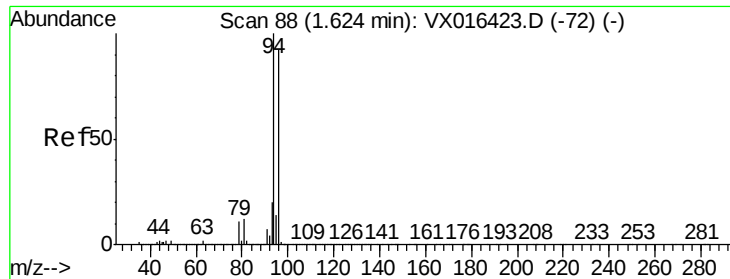
Tgt Ion: 62 Resp: 39684

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 22.028 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

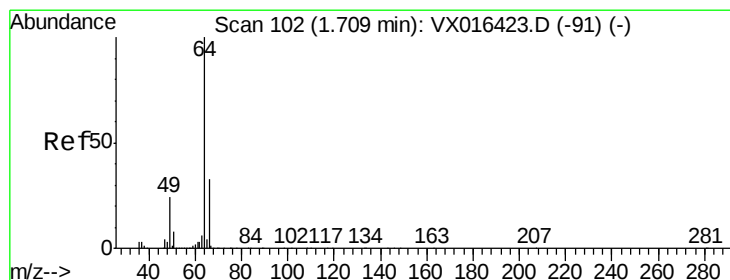
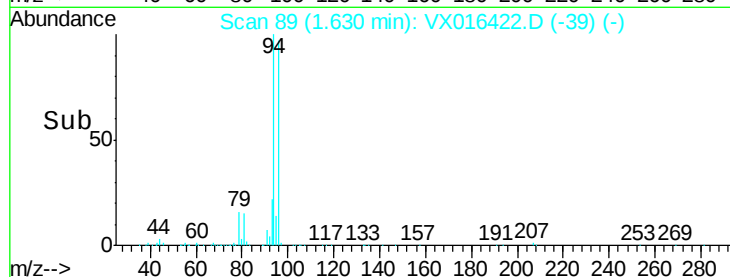
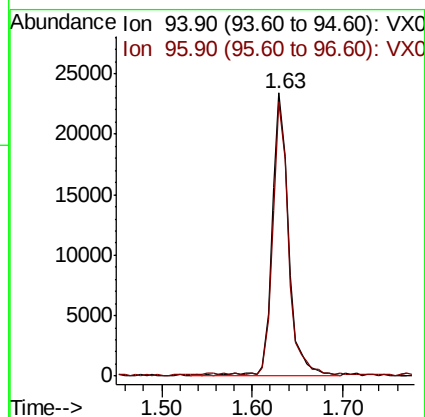
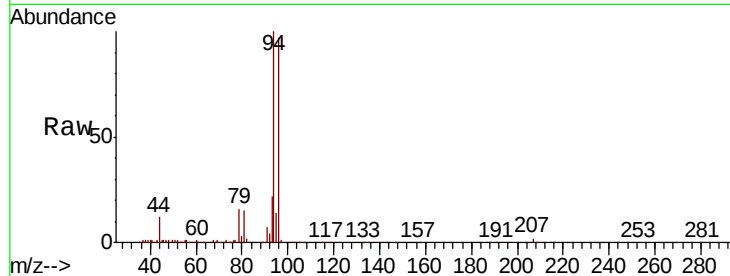
VSTDIC020

Tot Ion: 94 Resp: 29621

Ion Ratio Lower Upper

94 100

96 96.4 73.7 110.5



#6

Chloroethane

Concen: 22.210 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016422.D

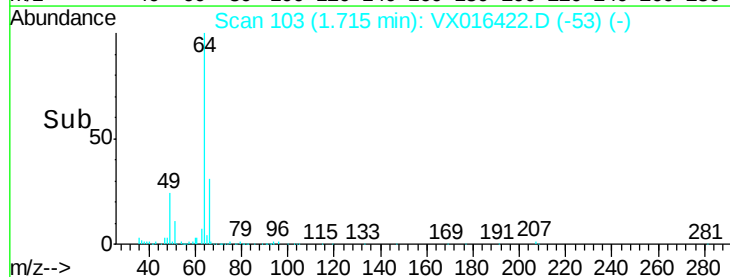
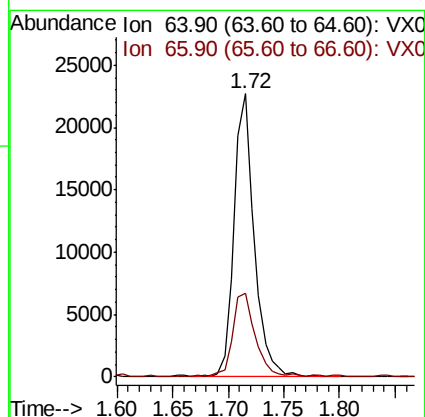
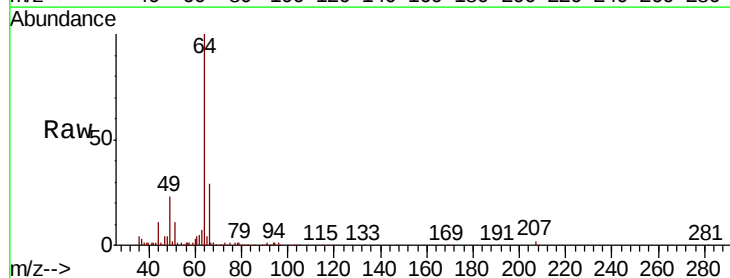
Acq: 26 May 2020 13:17

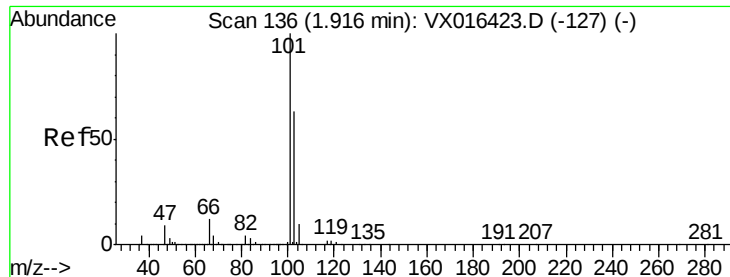
Tgt Ion: 64 Resp: 28453

Ion Ratio Lower Upper

64 100

66 29.4 26.0 39.0



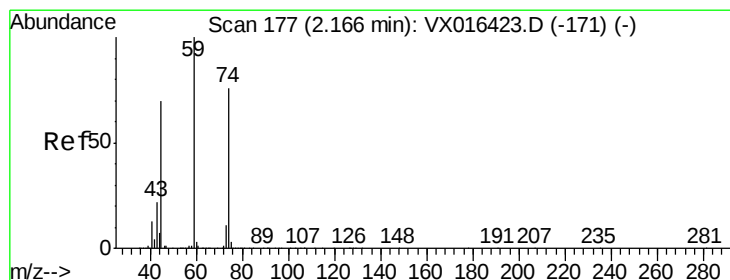
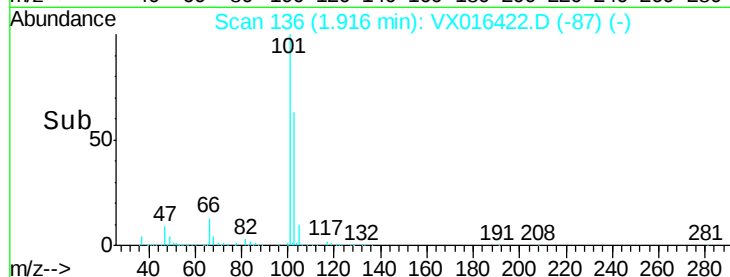
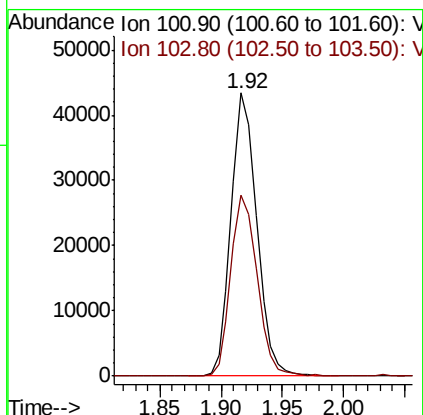
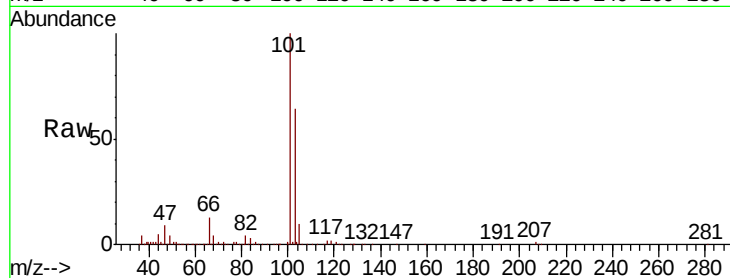


#7

Trichlorofluoromethane
 Concen: 22.618 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016422.D
 Acq: 26 May 2020 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

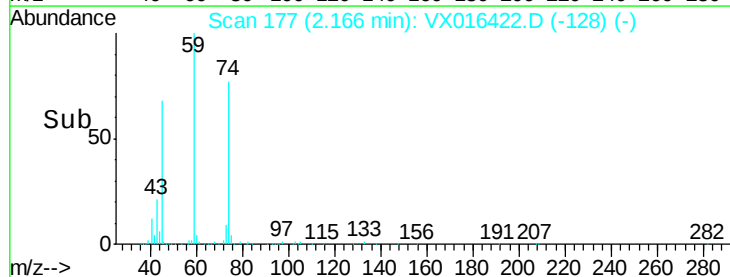
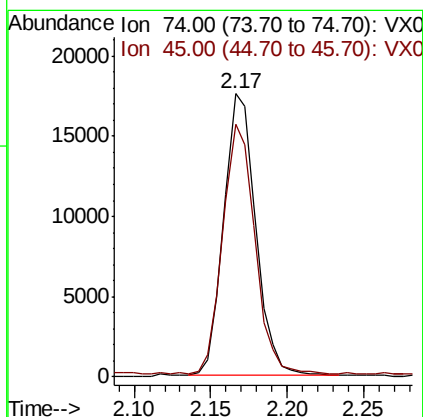
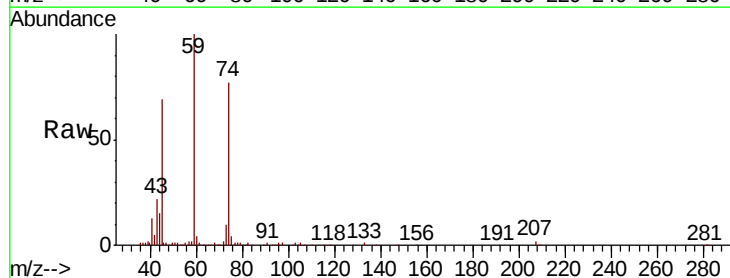
Tot Ion:101 Resp: 63479
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.1 75.1

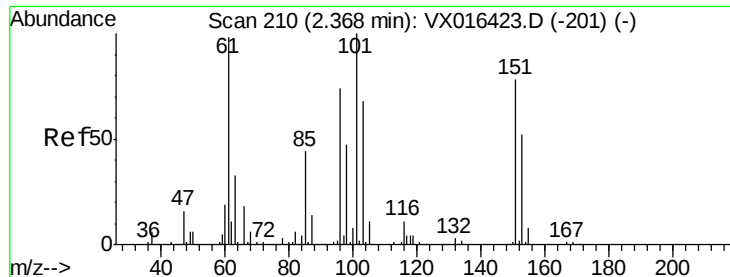


#8

Diethyl Ether
 Concen: 21.709 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016422.D
 Acq: 26 May 2020 13:17

Tgt Ion: 74 Resp: 25484
 Ion Ratio Lower Upper
 74 100
 45 90.2 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.558 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

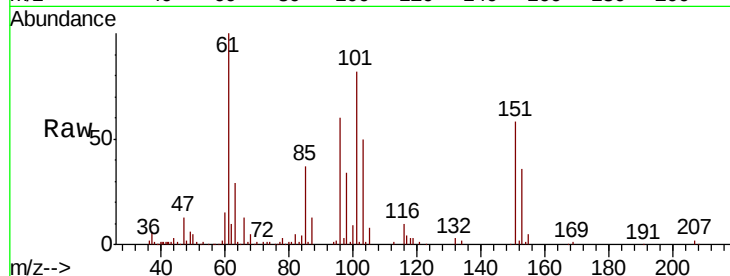
Tot Ion:101 Resp: 26918

Ion Ratio Lower Upper

101 100

85 44.8 36.2 54.4

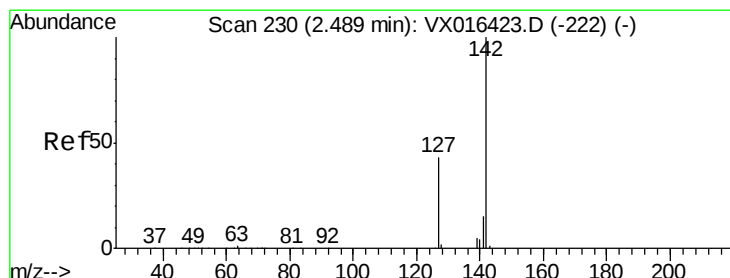
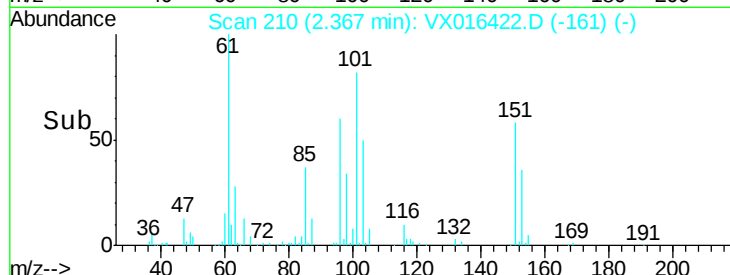
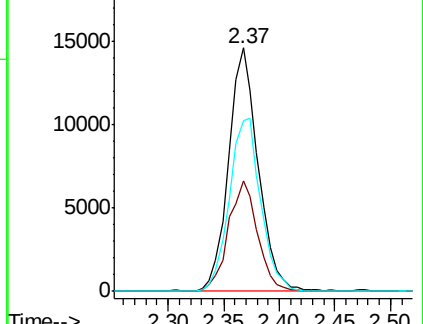
151 75.5 60.4 90.6



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: 12.050 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

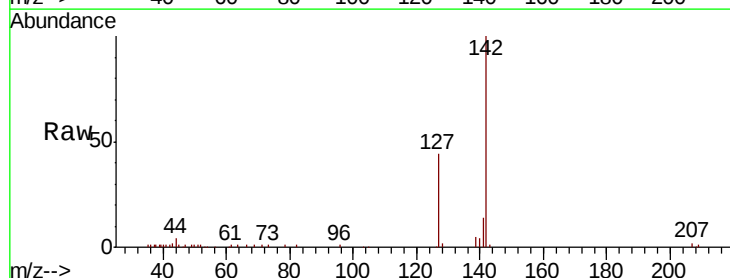
Tgt Ion:142 Resp: 23742

Ion Ratio Lower Upper

142 100

127 45.3 36.2 54.4

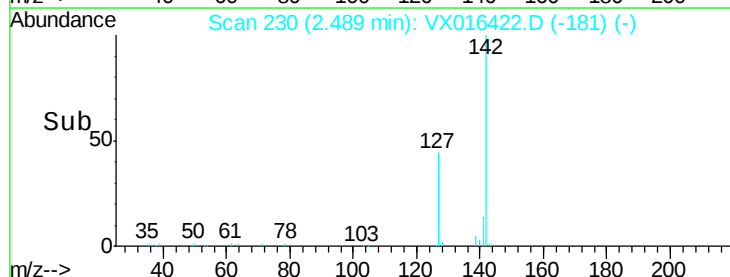
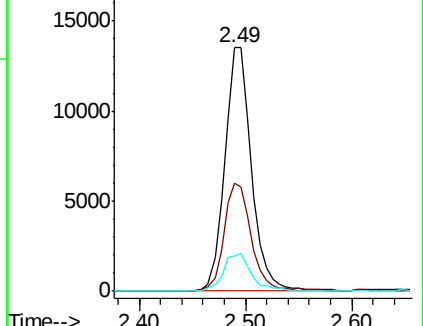
141 15.7 12.2 18.2

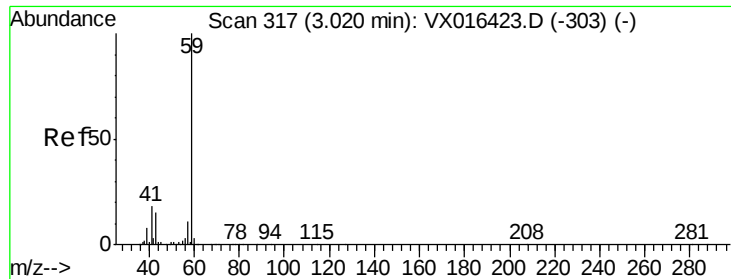


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

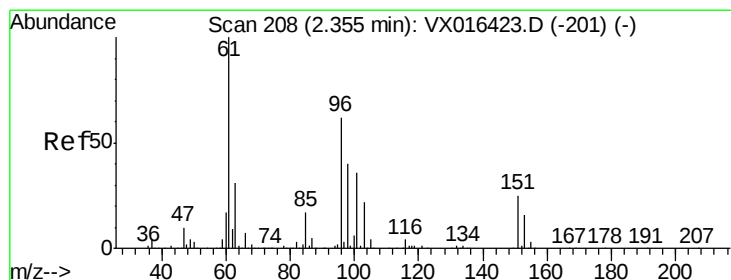
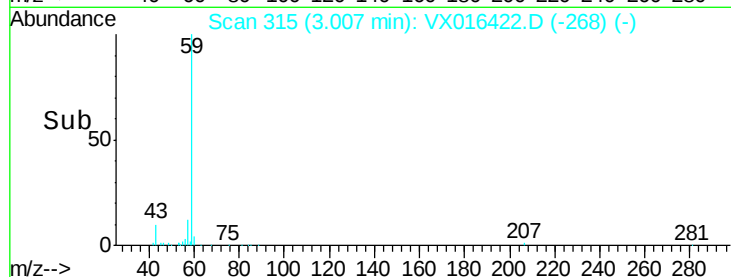
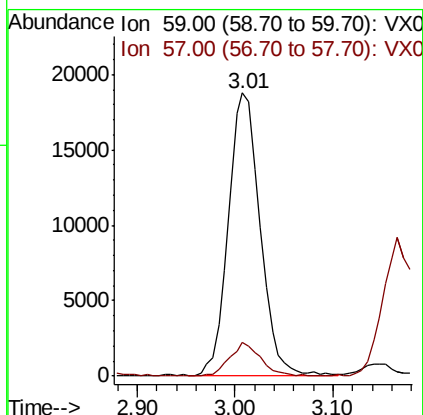
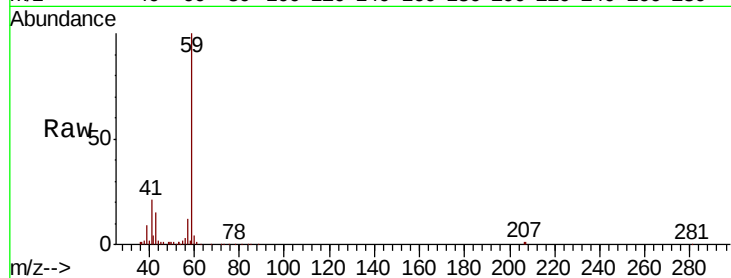




#11
Tert butyl alcohol
Concen: 82.956 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

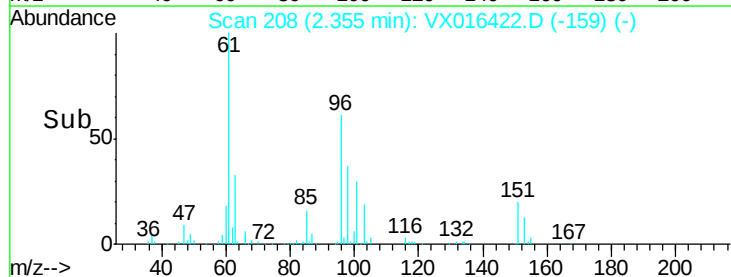
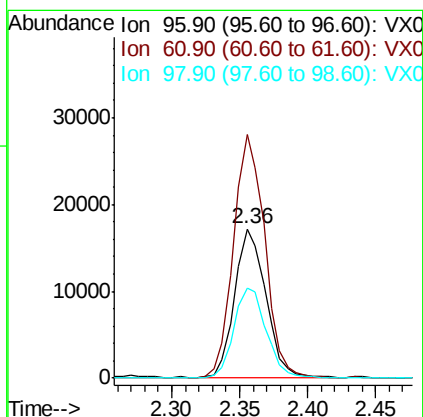
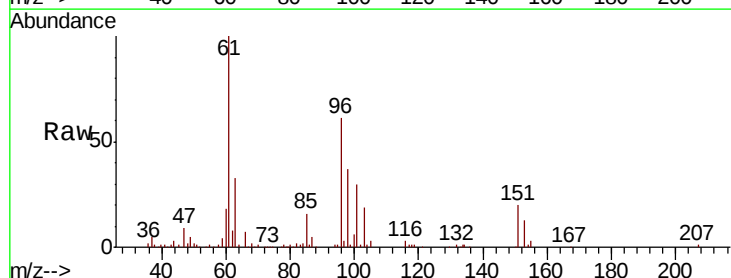
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

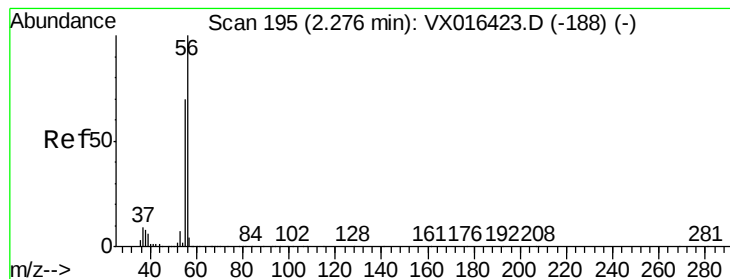
Tot Ion: 59 Resp: 42101
Ion Ratio Lower Upper
59 100
57 11.7 8.5 12.7



#12
1,1-Dichloroethene
Concen: 17.242 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

Tgt Ion: 96 Resp: 27646
Ion Ratio Lower Upper
96 100
61 163.3 128.2 192.4
98 60.0 50.8 76.2





#13

Acrolein

Concen: 69.316 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

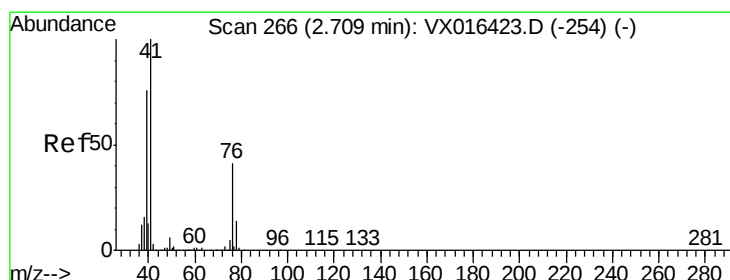
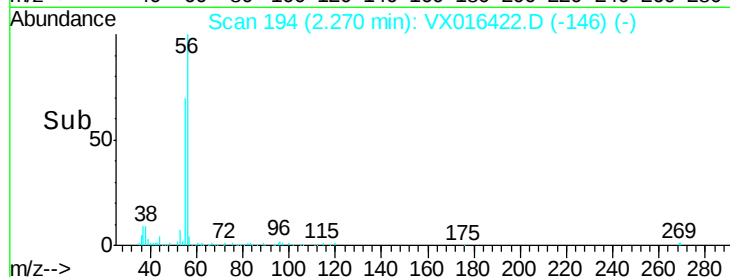
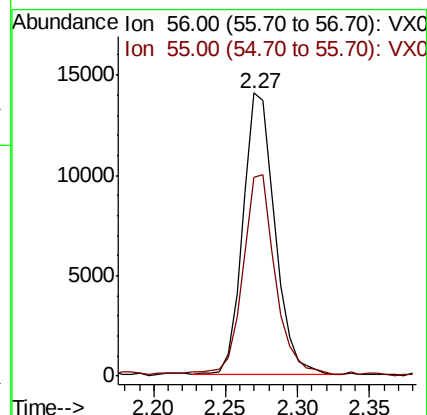
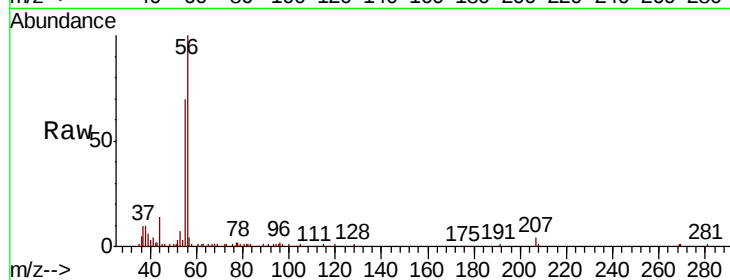
VSTDIC020

Tot Ion: 56 Resp: 21362

Ion Ratio Lower Upper

56 100

55 72.6 56.5 84.7



#14

Allyl chloride

Concen: 15.698 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

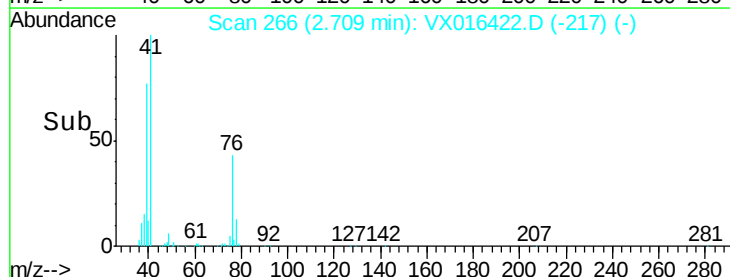
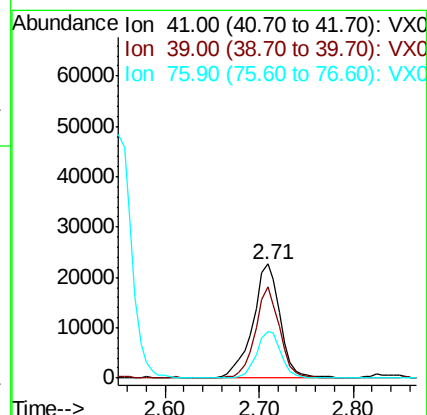
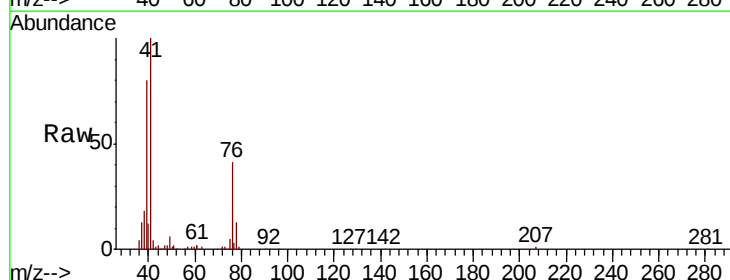
Tgt Ion: 41 Resp: 45460

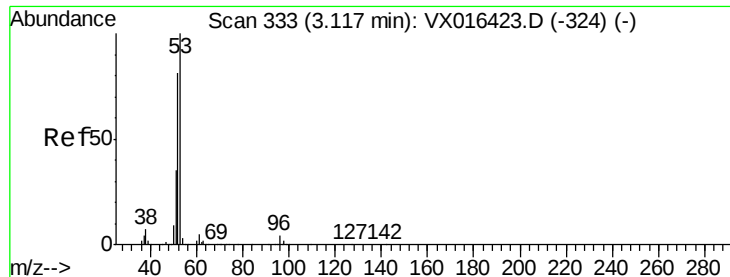
Ion Ratio Lower Upper

41 100

39 72.1 55.8 83.8

76 37.5 29.6 44.4





#15

Acrylonitrile

Concen: 79.842 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

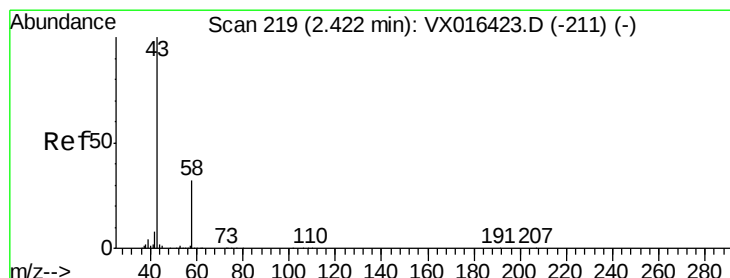
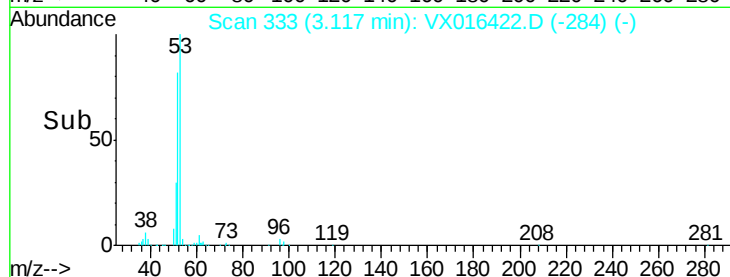
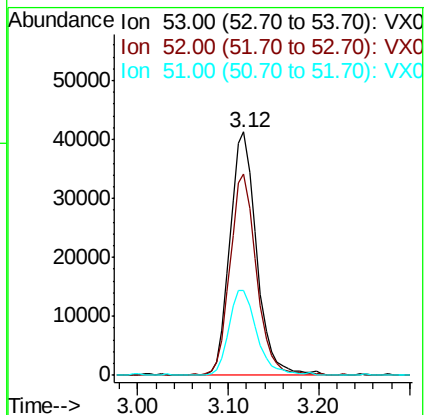
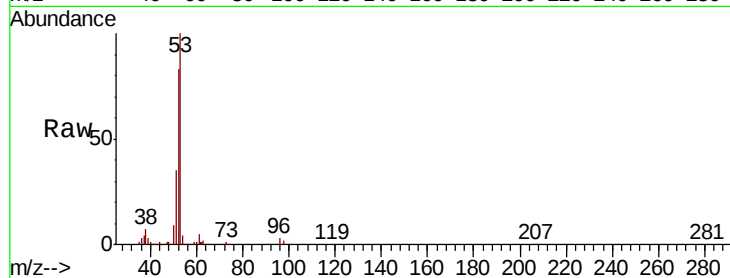
Tot Ion: 53 Resp: 84409

Ion Ratio Lower Upper

53 100

52 82.3 65.4 98.2

51 37.3 28.4 42.6



#16

Acetone

Concen: 85.205 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016422.D

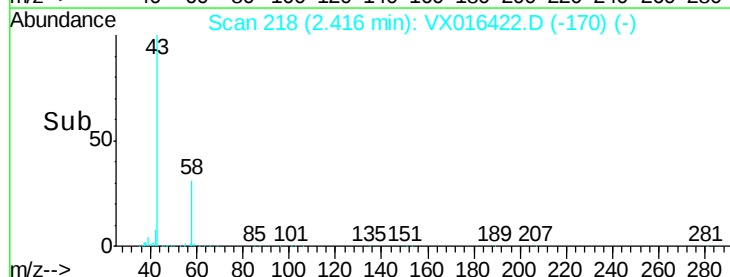
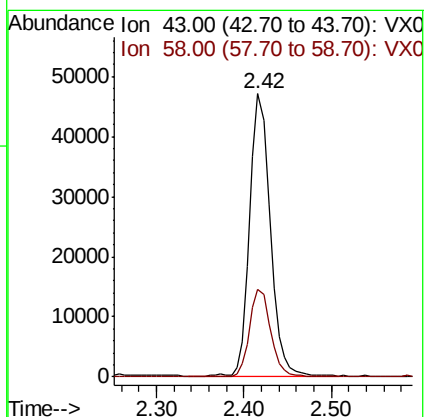
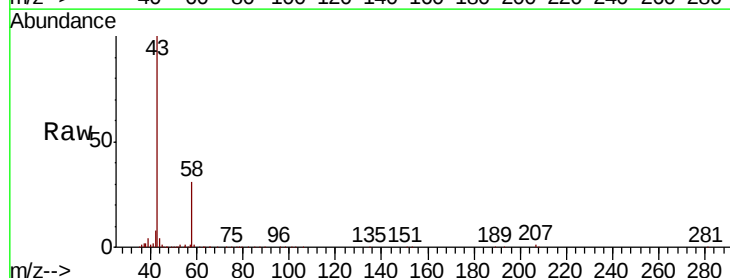
Acq: 26 May 2020 13:17

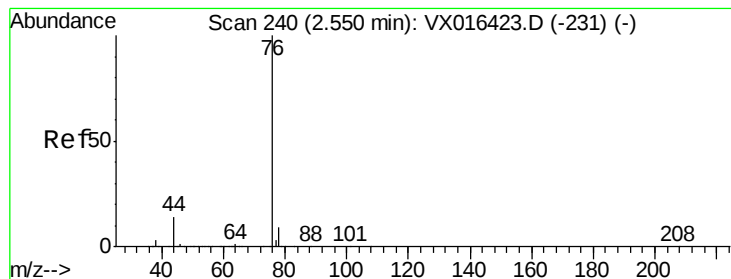
Tgt Ion: 43 Resp: 76697

Ion Ratio Lower Upper

43 100

58 30.7 26.0 39.0





#17

Carbon Disulfide

Concen: 14.815 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampled :

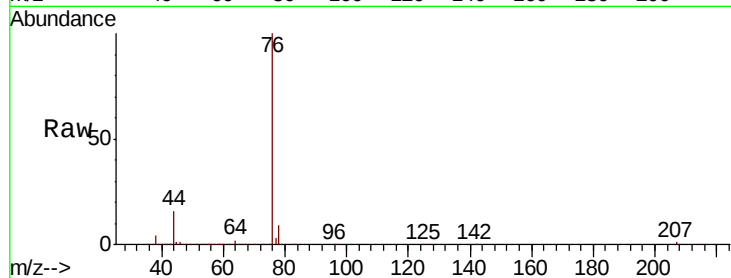
VSTDIC020

Tot Ion: 76 Resp: 80735

Ion Ratio Lower Upper

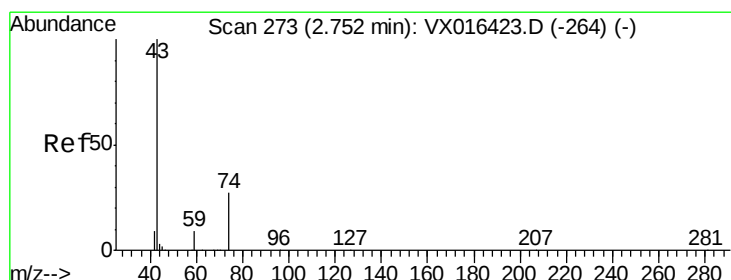
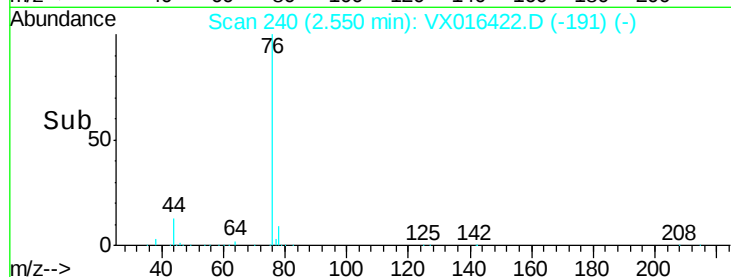
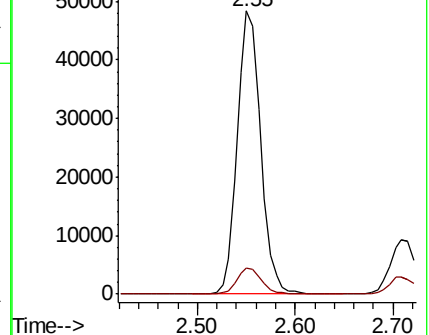
76 100

78 9.4 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: 16.295 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016422.D

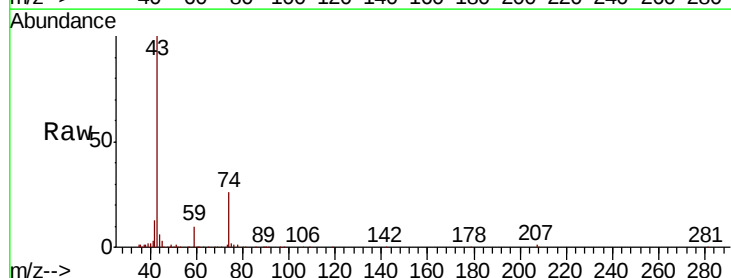
Acq: 26 May 2020 13:17

Tgt Ion: 43 Resp: 36040

Ion Ratio Lower Upper

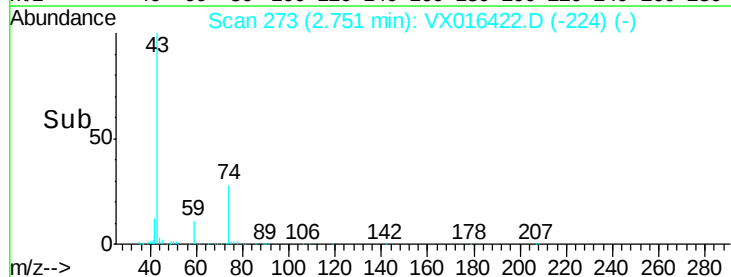
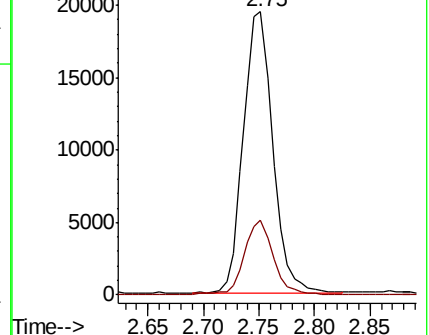
43 100

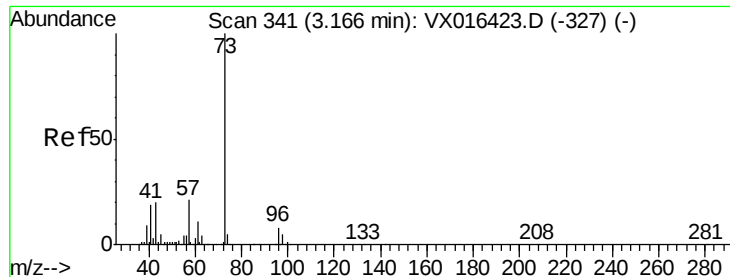
74 25.9 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



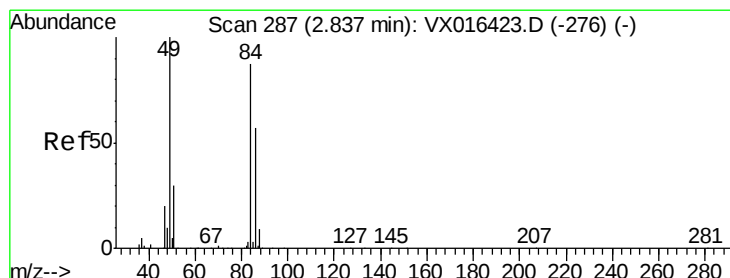
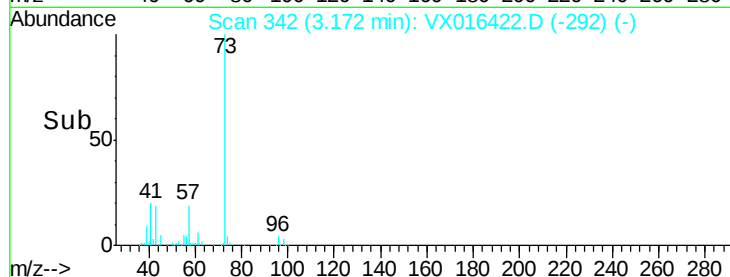
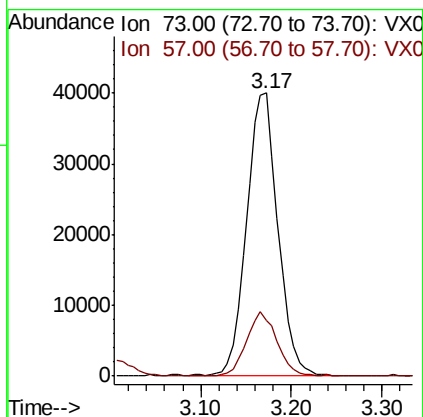
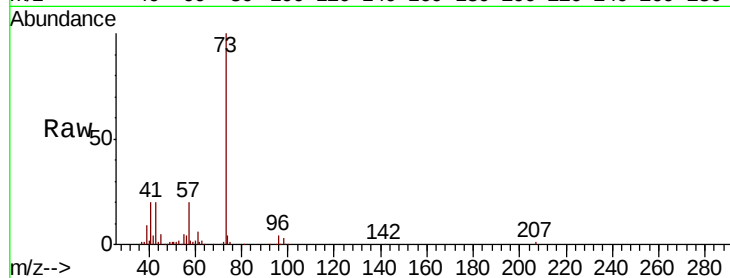


#19

Methyl tert-butyl Ether
 Concen: 17.183 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016422.D
 Acq: 26 May 2020 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

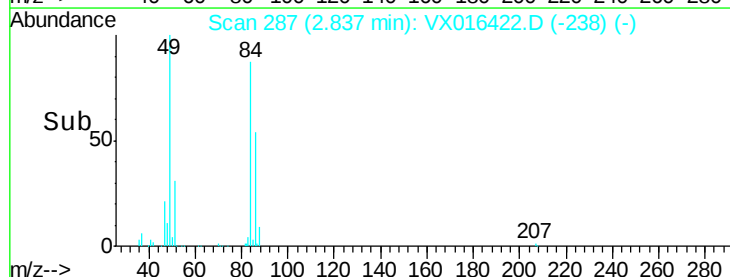
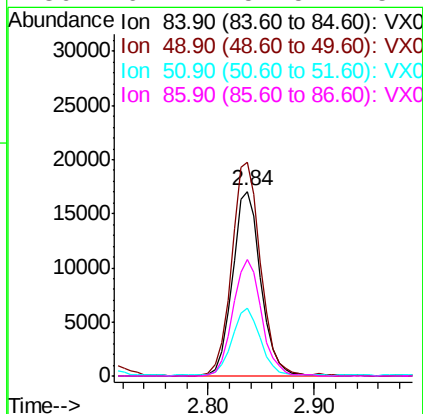
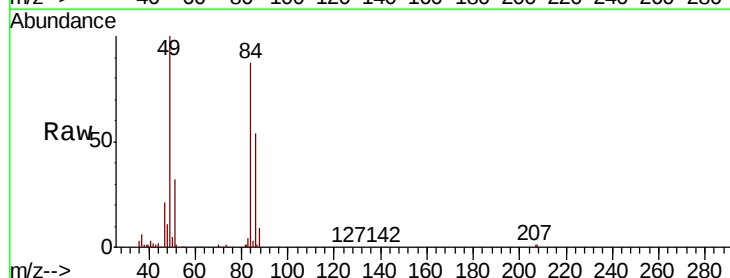
Tot Ion: 73 Resp: 95503
 Ion Ratio Lower Upper
 73 100
 57 19.7 17.3 25.9

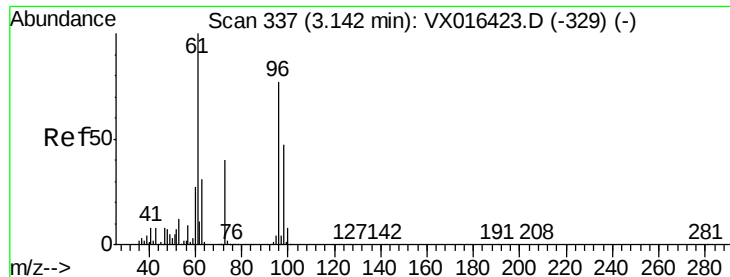


#20

Methylene Chloride
 Concen: 17.003 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016422.D
 Acq: 26 May 2020 13:17

Tgt Ion: 84 Resp: 31857
 Ion Ratio Lower Upper
 84 100
 49 115.2 92.2 138.4
 51 36.1 27.8 41.8
 86 62.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 16.809 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

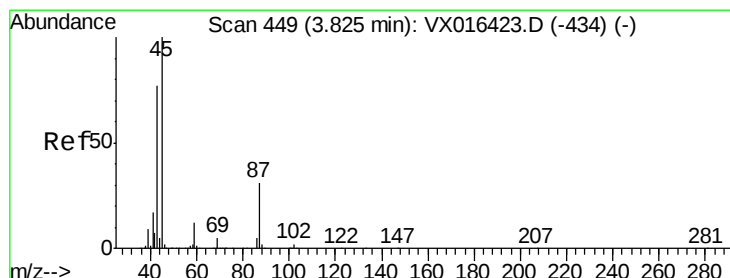
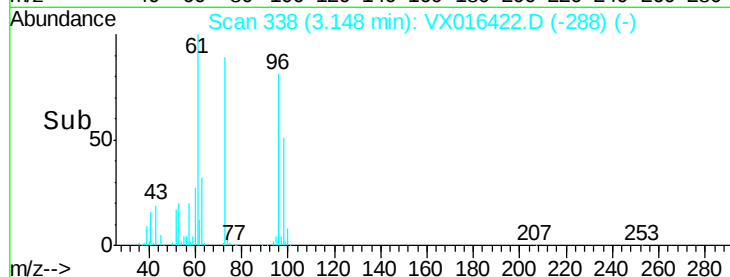
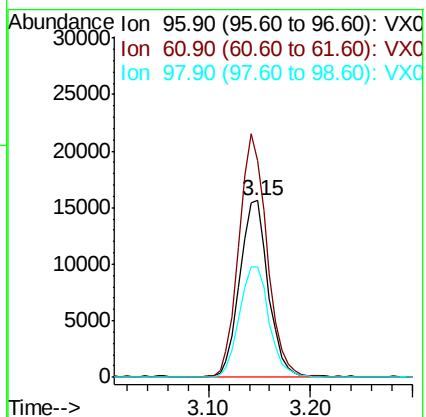
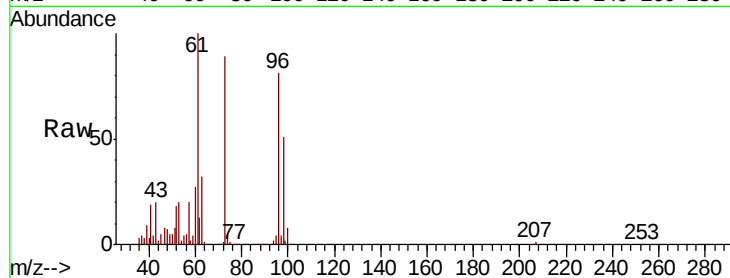
Tot Ion: 96 Resp: 30458

Ion Ratio Lower Upper

96 100

61 122.5 104.3 156.5

98 62.3 49.4 74.0



#22

Diisopropyl ether

Concen: 16.367 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Tgt Ion: 45 Resp: 90760

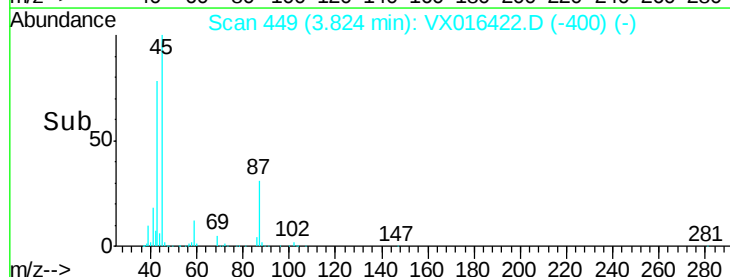
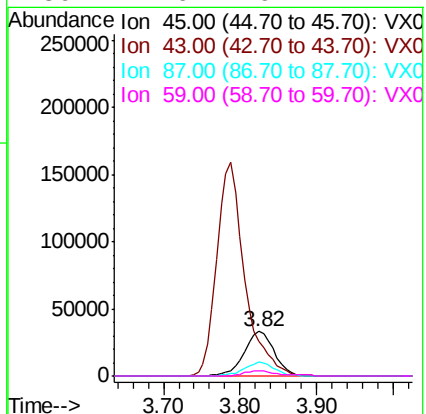
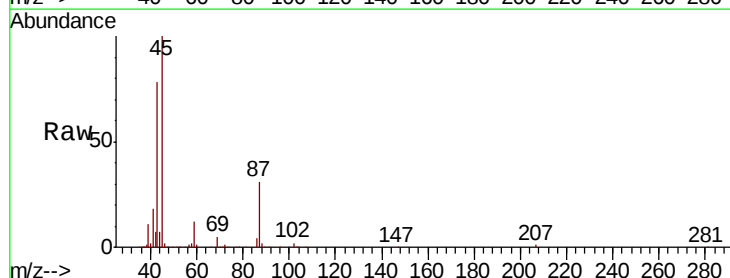
Ion Ratio Lower Upper

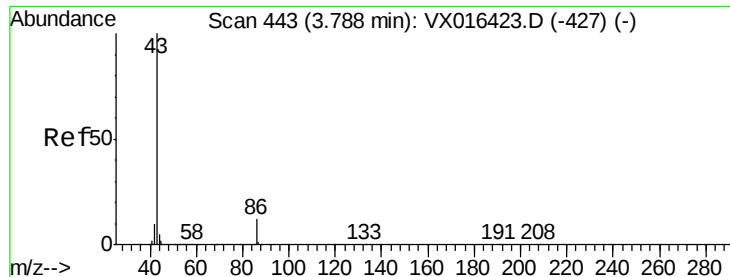
45 100

43 76.8 61.4 92.2

87 31.0 24.4 36.6

59 11.6 9.4 14.2





#23

Vinyl Acetate

Concen: 82.657 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

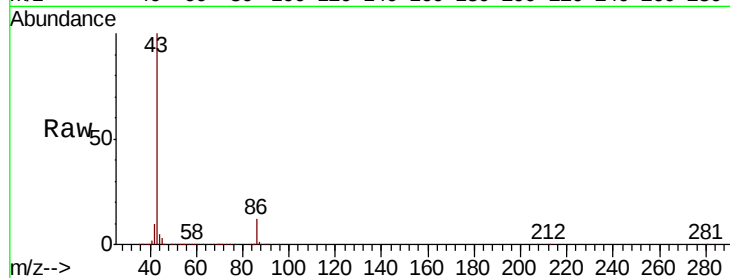
VSTDIC020

Tot Ion: 43 Resp: 402517

Ion Ratio Lower Upper

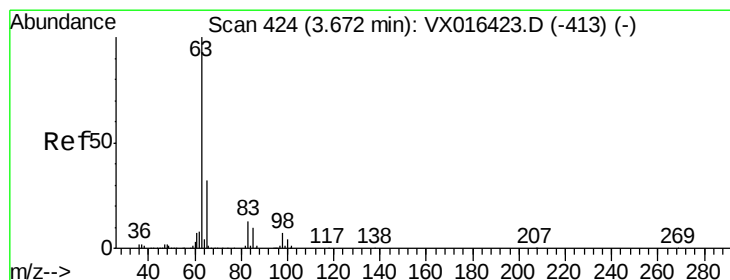
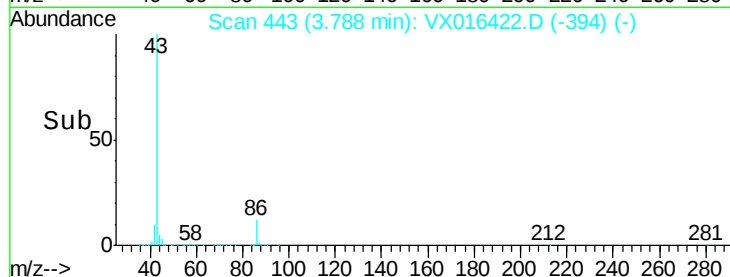
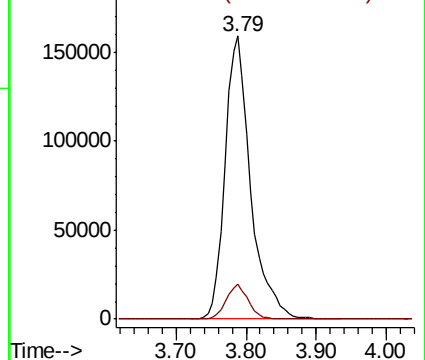
43 100

86 12.3 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: 17.126 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

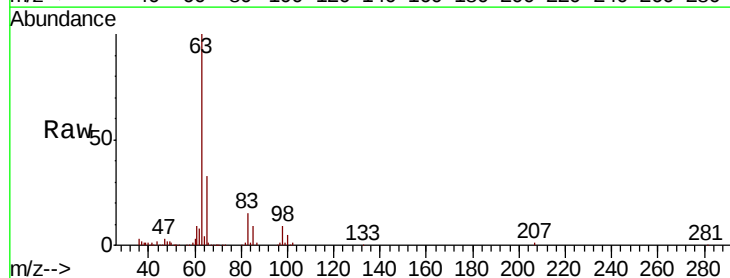
Tgt Ion: 63 Resp: 53478

Ion Ratio Lower Upper

63 100

98 8.7 3.6 10.8

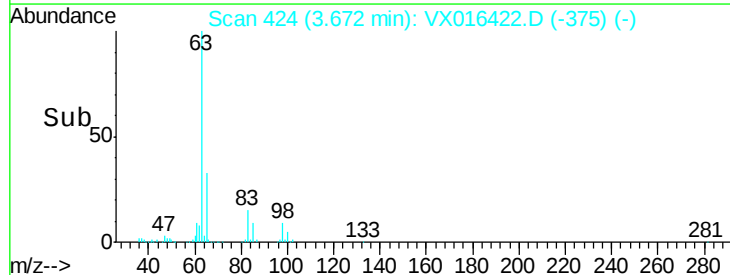
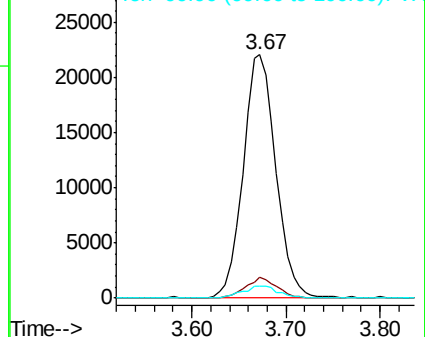
100 4.7 2.1 6.5

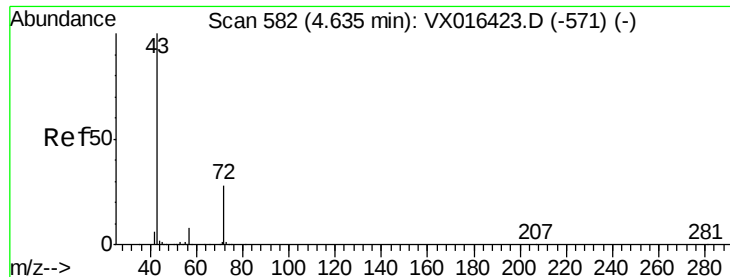


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 81.745 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

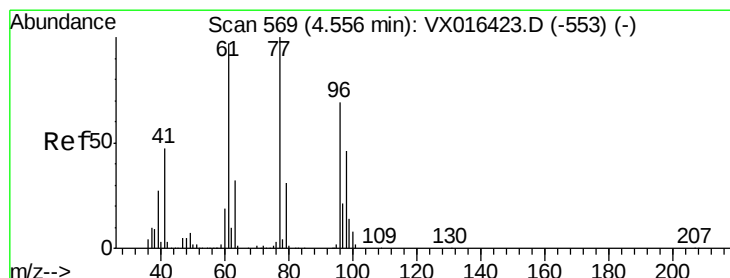
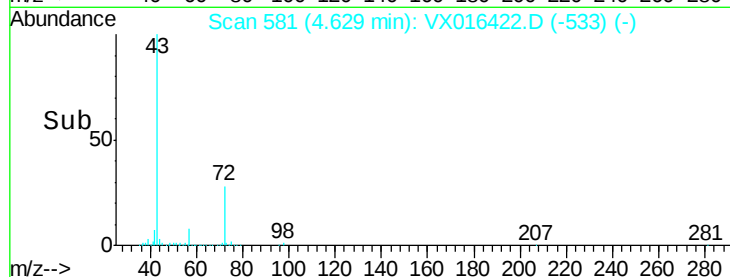
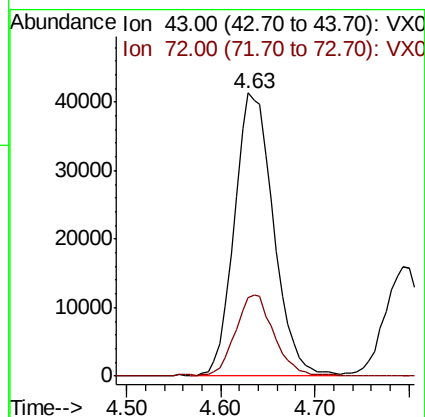
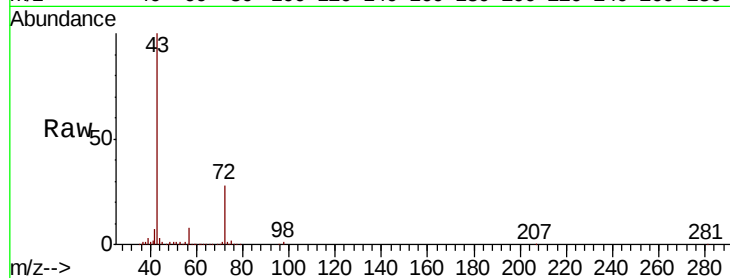
VSTDIC020

Tot Ion: 43 Resp: 118712

Ion Ratio Lower Upper

43 100

72 27.6 22.7 34.1



#26

2,2-Dichloropropane

Concen: 17.465 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX016422.D

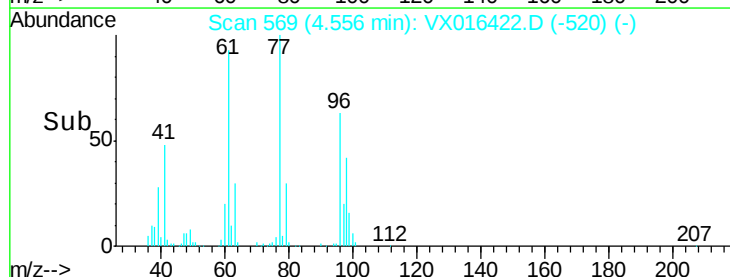
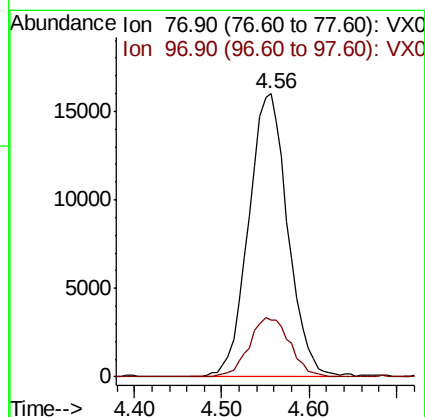
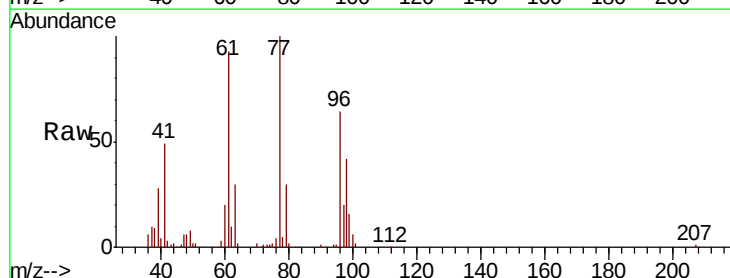
Acq: 26 May 2020 13:17

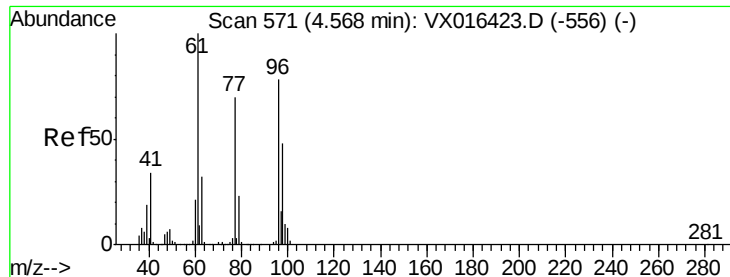
Tgt Ion: 77 Resp: 49928

Ion Ratio Lower Upper

77 100

97 21.9 11.5 34.5



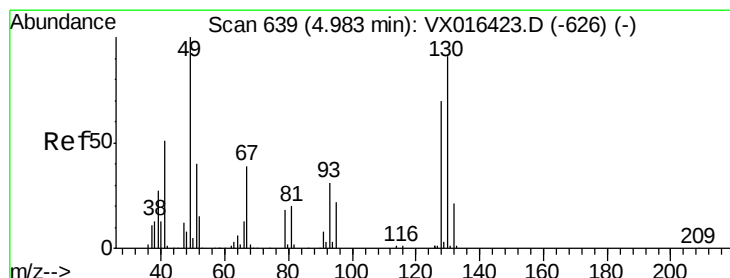
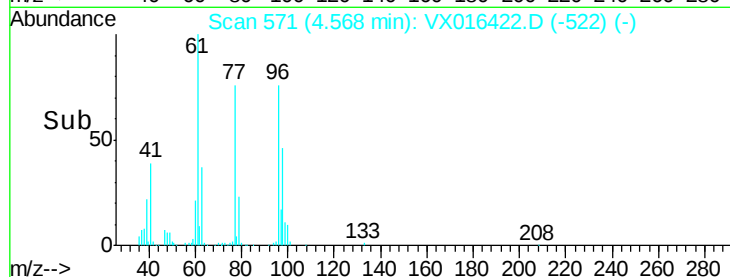
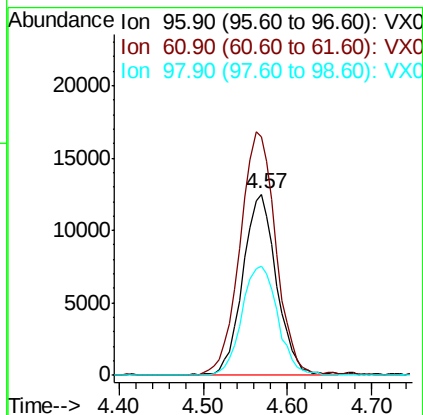
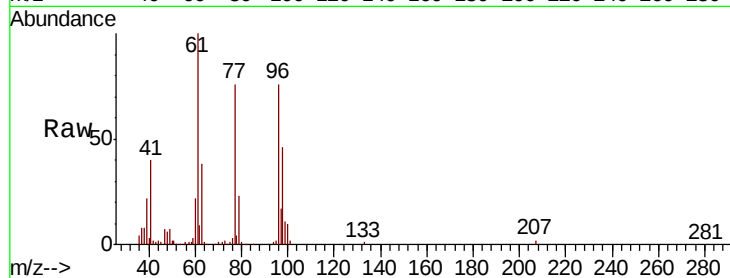


#27

cis-1,2-Dichloroethene
Concen: 17.091 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

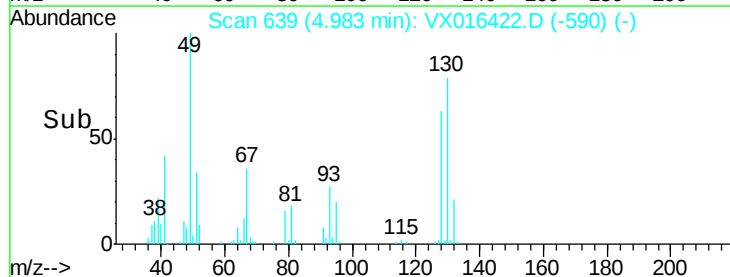
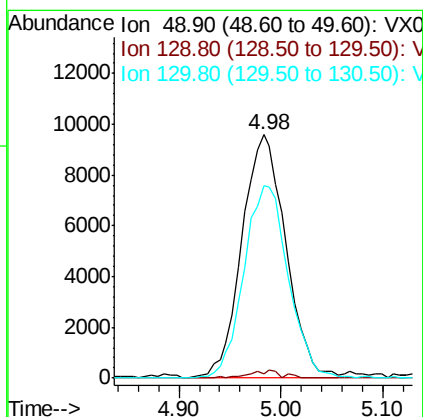
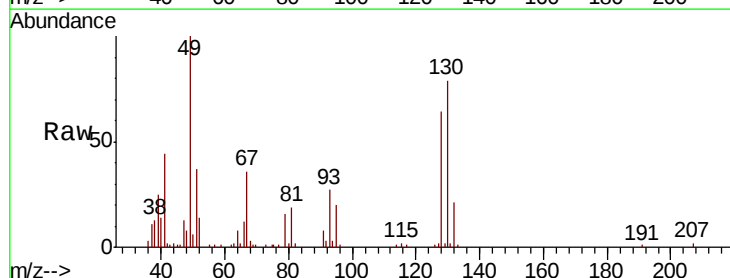
Tot Ion: 96 Resp: 33981
Ion Ratio Lower Upper
96 100
61 140.9 0.0 271.0
98 63.9 0.0 127.6

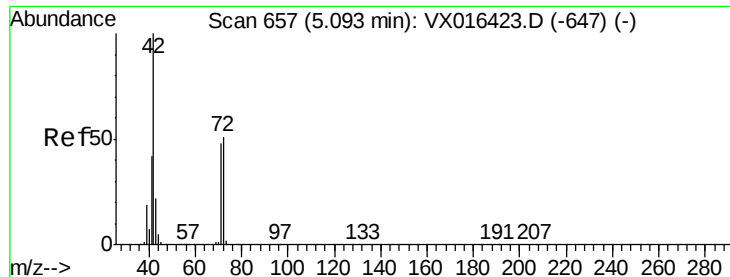


#28

Bromochloromethane
Concen: 20.030 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

Tgt Ion: 49 Resp: 28649
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 80.1 71.2 106.8





#29

Tetrahydrofuran

Concen: 81.797 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

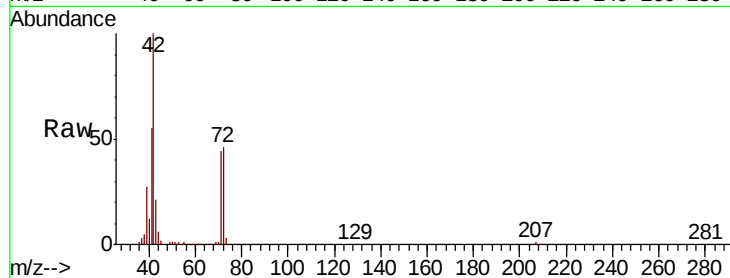
Tot Ion: 42 Resp: 78602

Ion Ratio Lower Upper

42 100

72 50.1 40.2 60.4

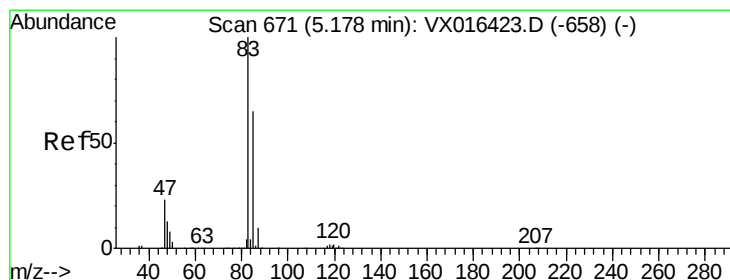
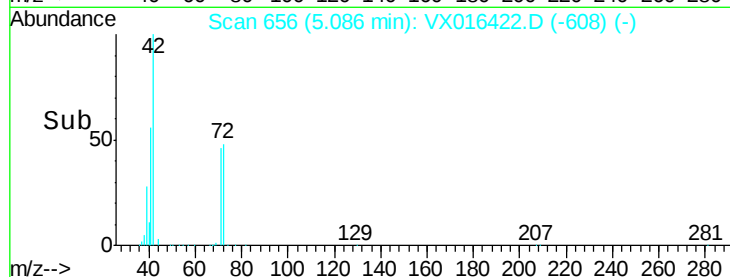
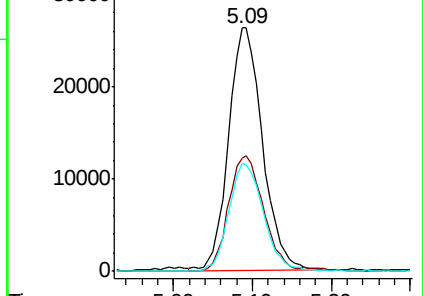
71 45.8 37.7 56.5



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.064 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX016422.D

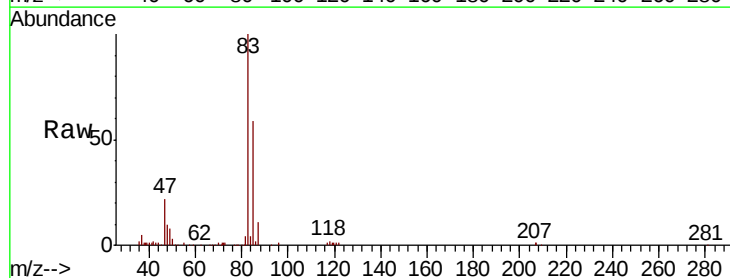
Acq: 26 May 2020 13:17

Tgt Ion: 83 Resp: 56714

Ion Ratio Lower Upper

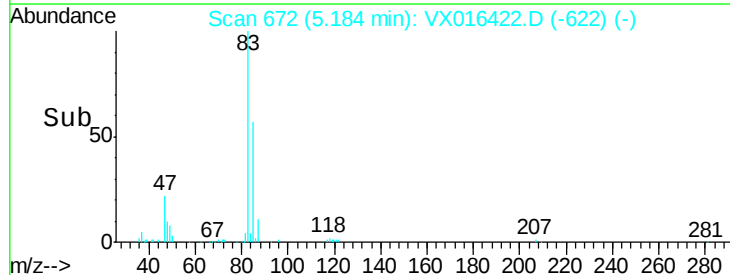
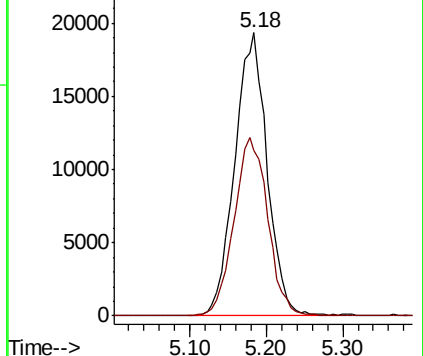
83 100

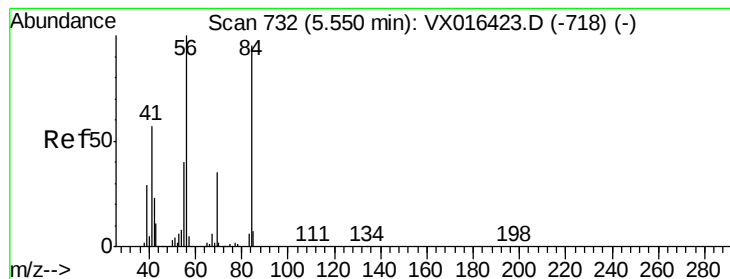
85 58.7 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 16.081 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

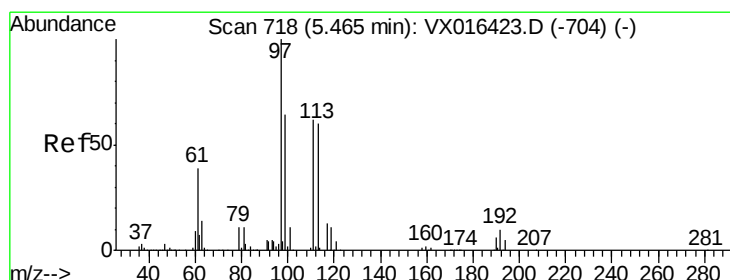
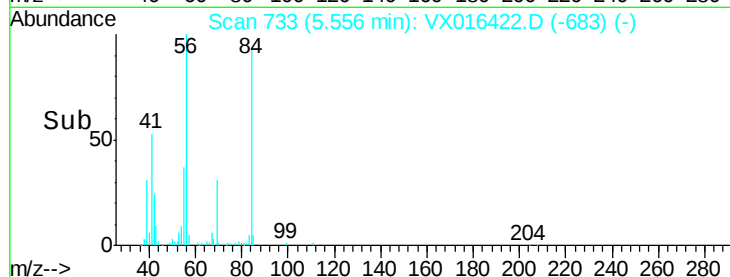
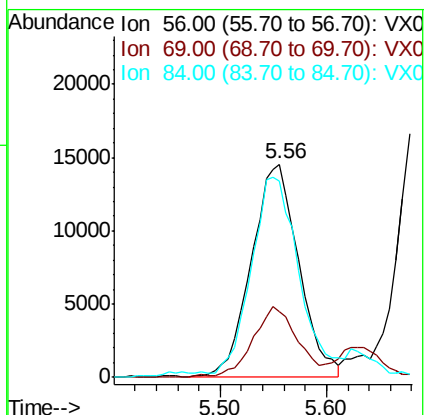
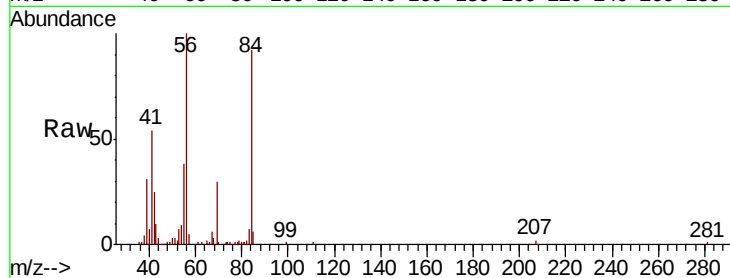
Tot Ion: 56 Resp: 44860

Ion Ratio Lower Upper

56 100

69 30.6 27.7 41.5

84 90.3 76.1 114.1



#32

1,1,1-Trichloroethane

Concen: 17.794 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

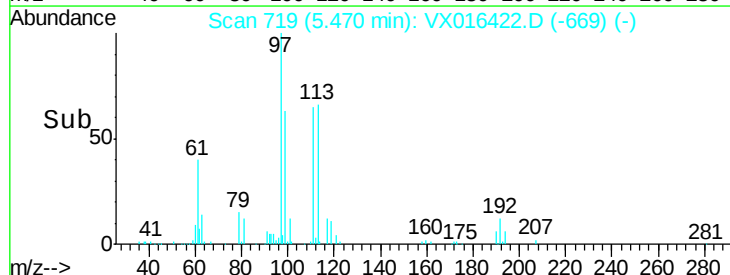
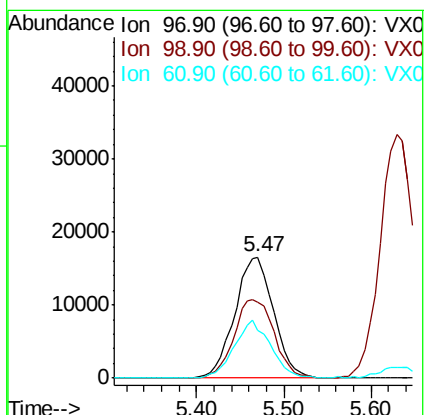
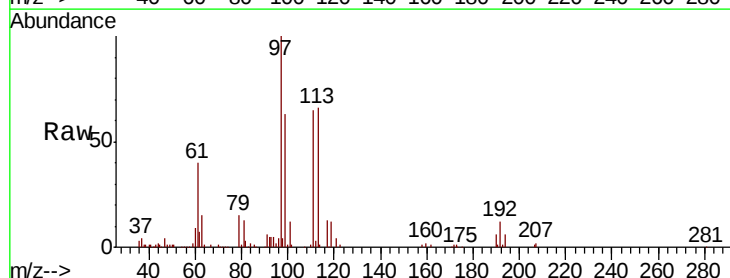
Tgt Ion: 97 Resp: 50939

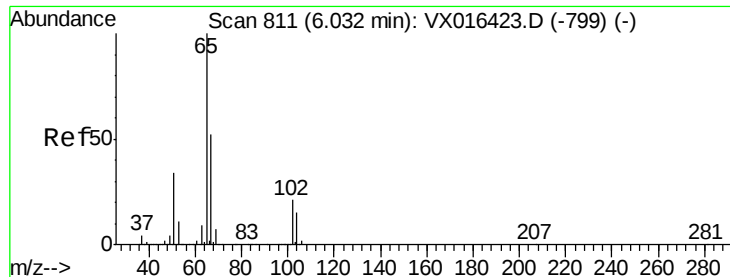
Ion Ratio Lower Upper

97 100

99 67.4 51.1 76.7

61 45.4 33.1 49.7





#33

1,2-Dichloroethane-d4

Concen: 19.598 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

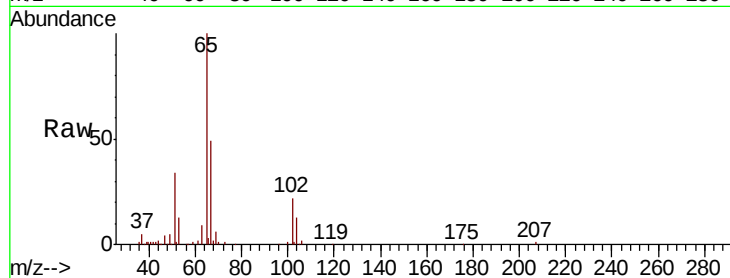
VSTDIC020

Tot Ion: 65 Resp: 40676

Ion Ratio Lower Upper

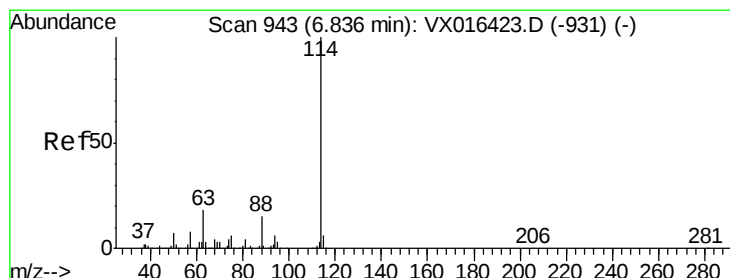
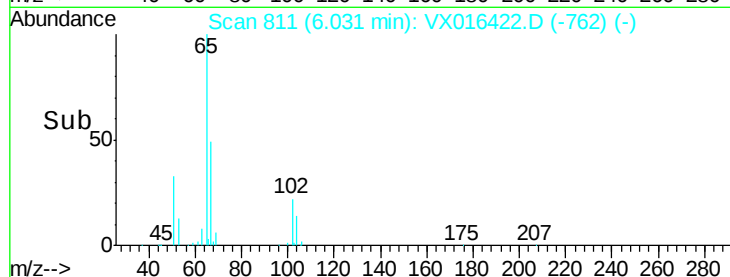
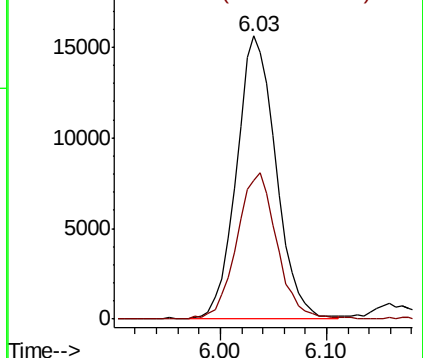
65 100

67 52.5 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: VX016422.D

Acq: 26 May 2020 13:17

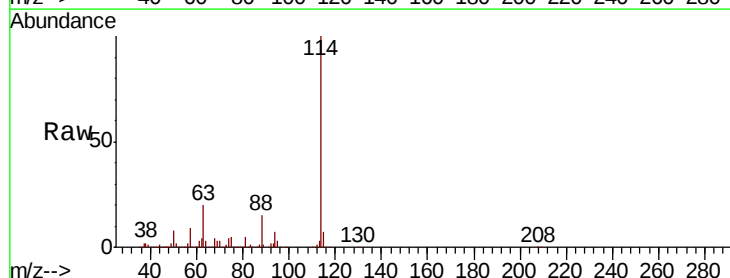
Tgt Ion: 114 Resp: 265416

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

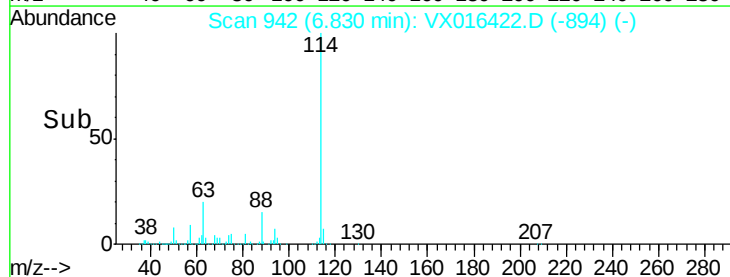
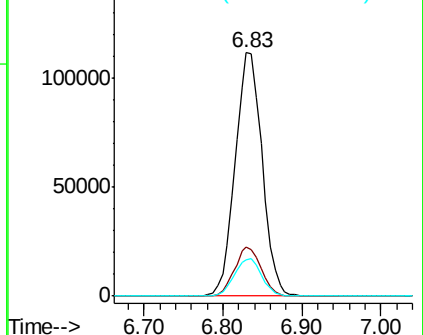
88 14.8 0.0 29.2

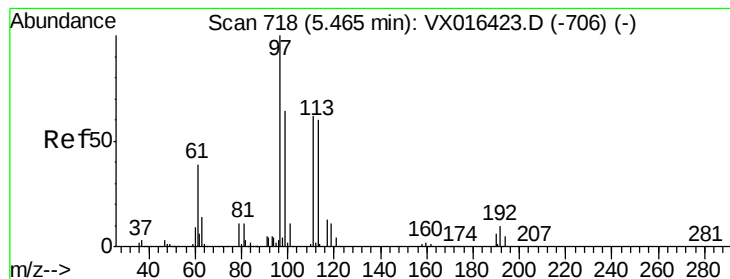


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 18.499 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

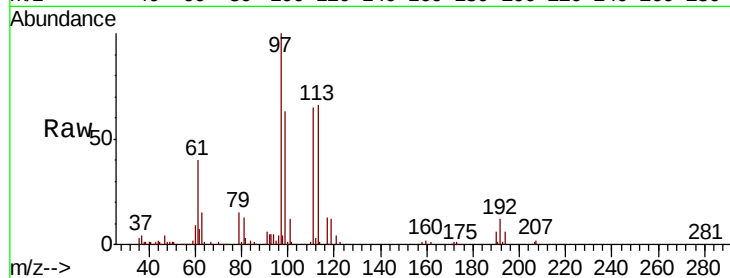
Tot Ion:113 Resp: 31484

Ion Ratio Lower Upper

113 100

111 100.5 82.5 123.7

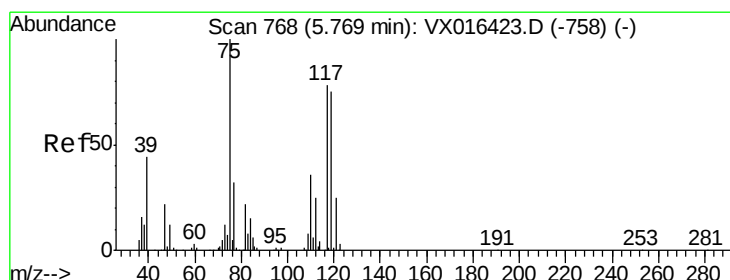
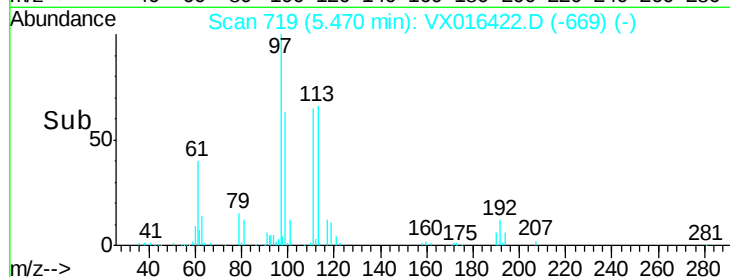
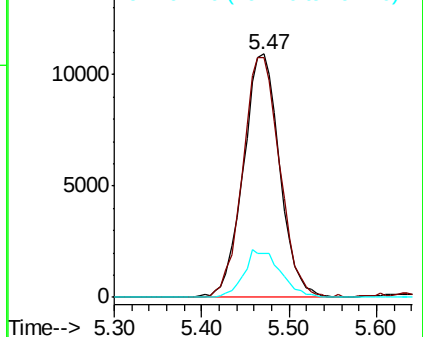
192 19.4 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 15.505 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

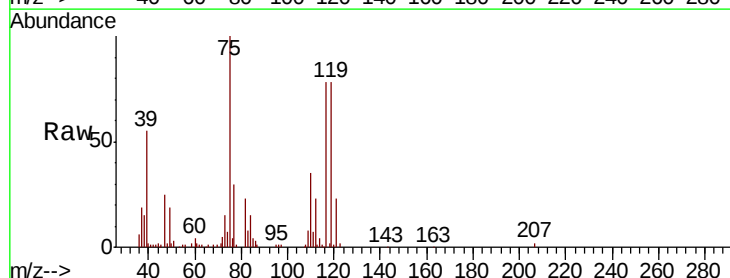
Tgt Ion: 75 Resp: 40257

Ion Ratio Lower Upper

75 100

110 37.5 18.7 56.1

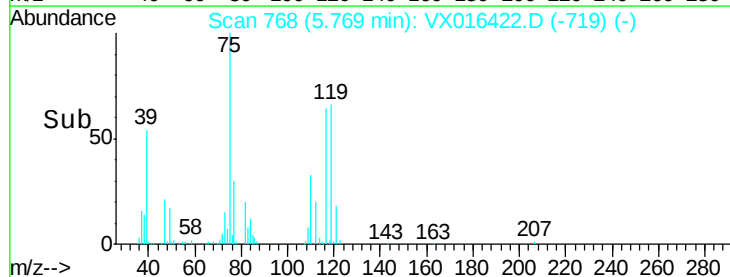
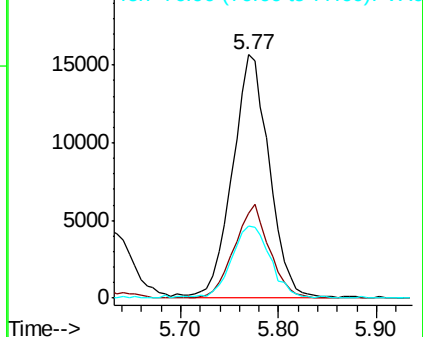
77 31.8 24.9 37.3

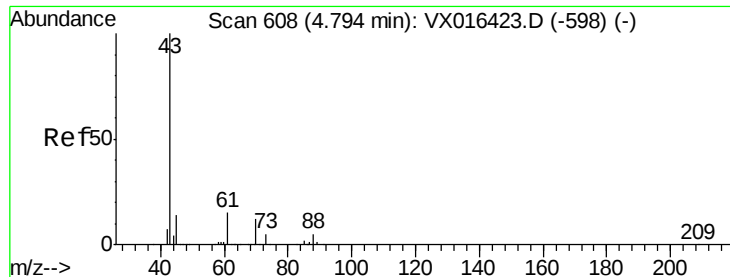


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

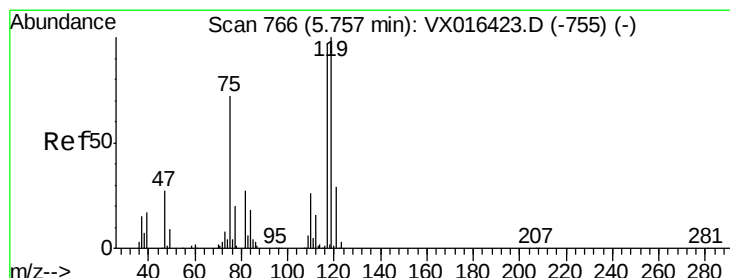
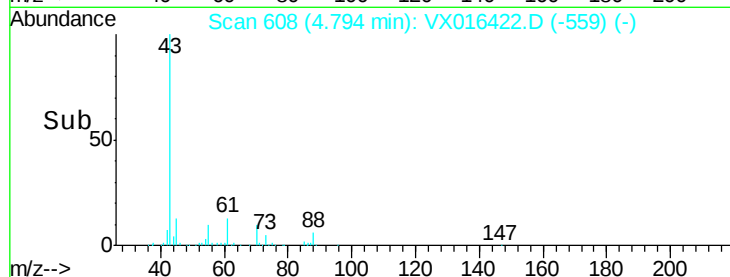
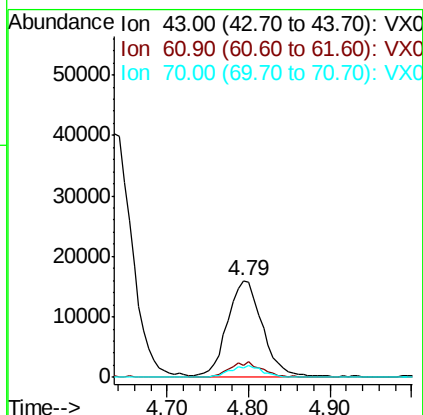
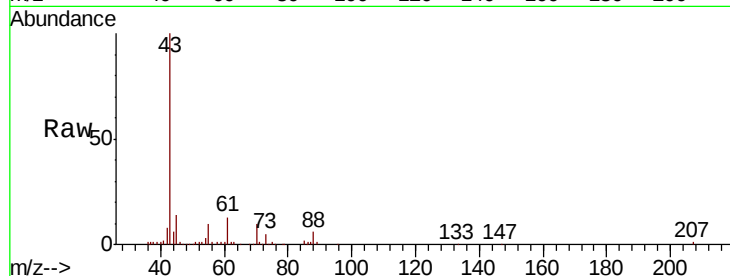




#37
Ethyl Acetate
Concen: 15.711 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

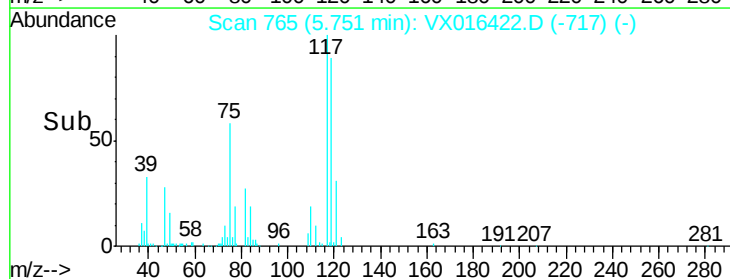
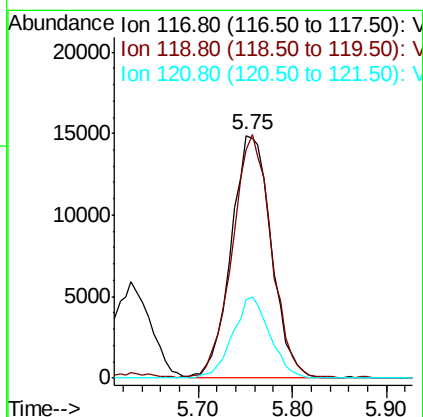
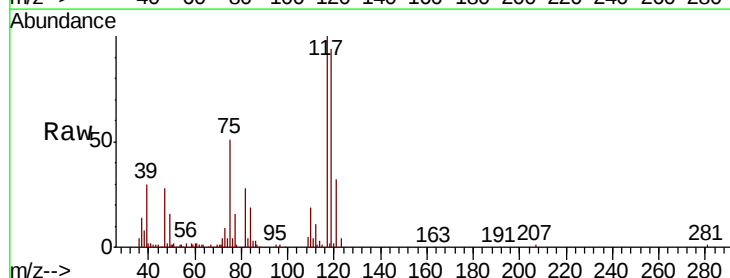
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

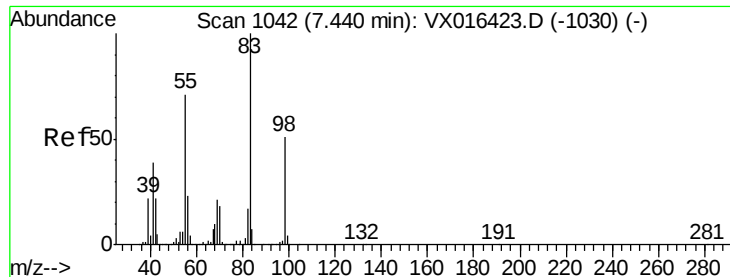
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.8	17.8
70	11.6	9.6	14.4



#38
Carbon Tetrachloride
Concen: 16.685 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	82.2	123.4
121	32.2	24.1	36.1

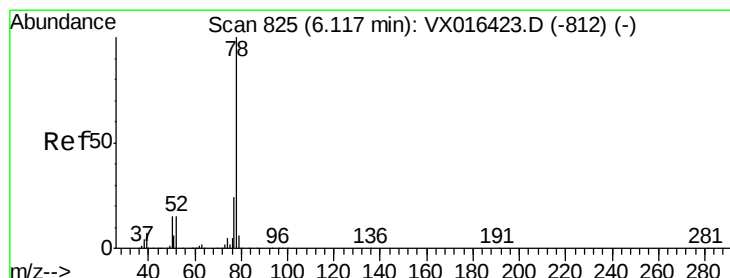
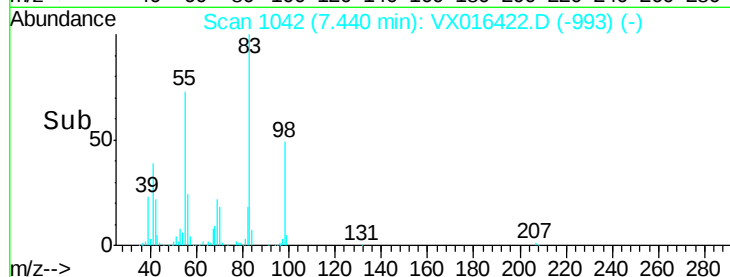
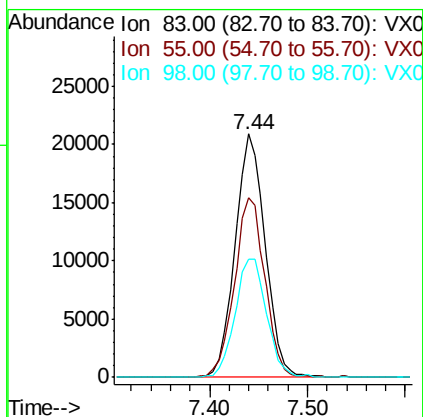
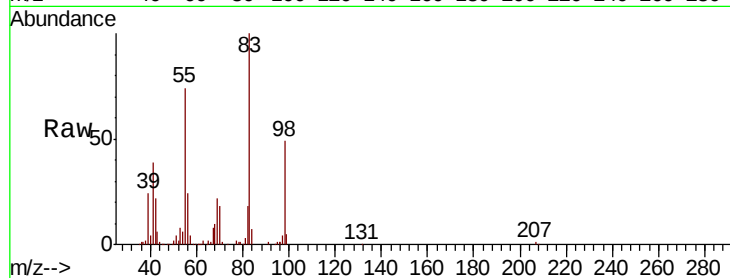




#39
Methvlcvclohexane
Concen: 14.487 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

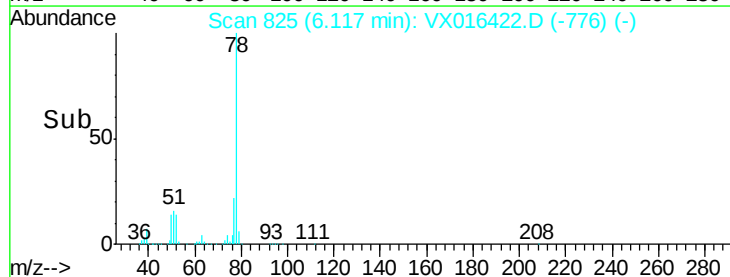
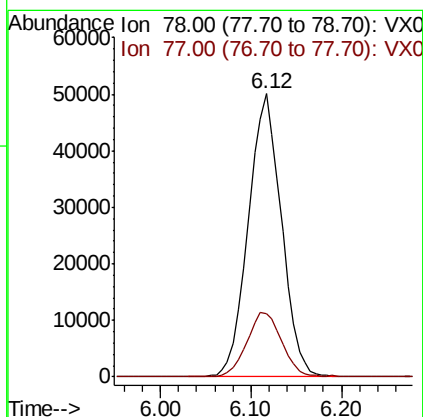
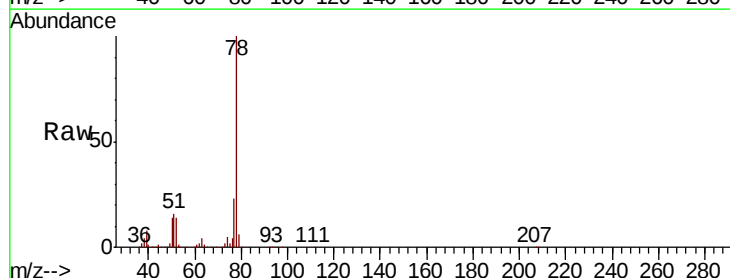
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

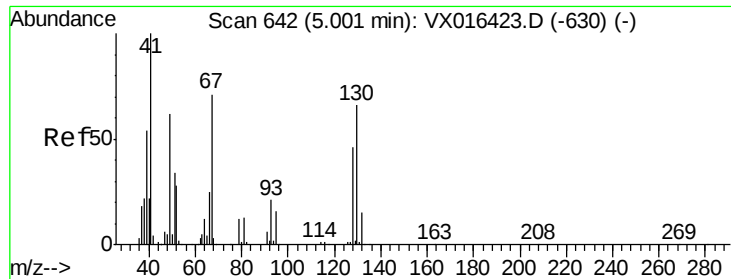
Tot Ion: 83 Resp: 44525
Ion Ratio Lower Upper
83 100
55 73.5 56.8 85.2
98 48.6 40.6 61.0



#40
Benzene
Concen: 16.630 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

Tgt Ion: 78 Resp: 126525
Ion Ratio Lower Upper
78 100
77 22.4 18.9 28.3

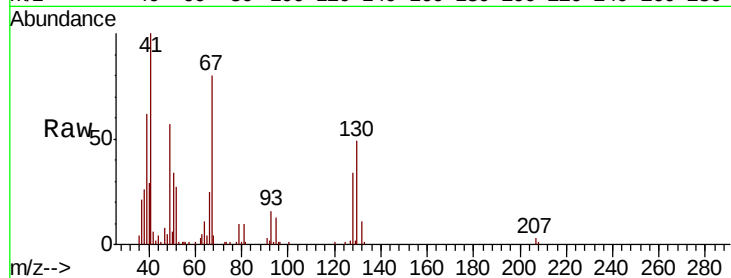




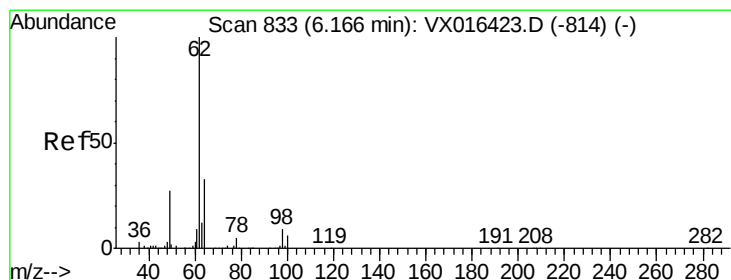
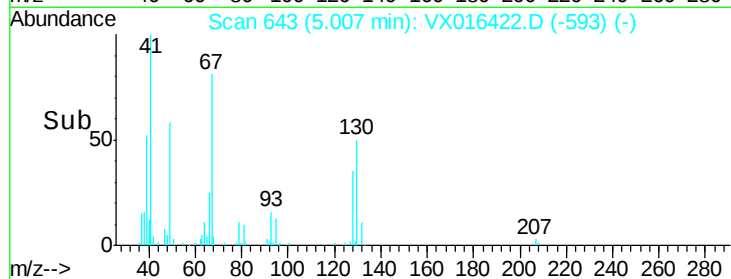
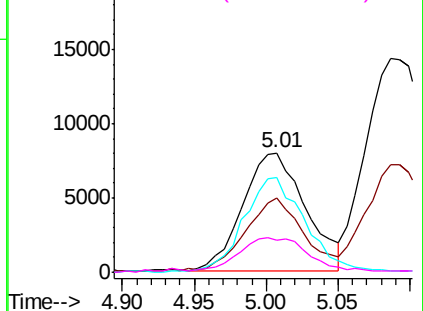
#41
Methacrylonitrile
Concen: 15.053 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	41	Resp:	24061
Ion	Ratio	Lower	Upper
41	100		
39	58.7	44.4	66.6
67	79.0	62.2	93.4
52	33.4	25.2	37.8

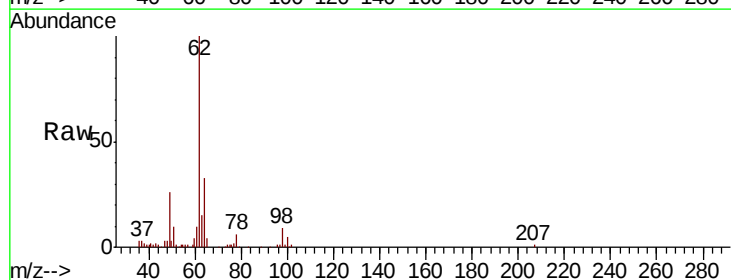


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

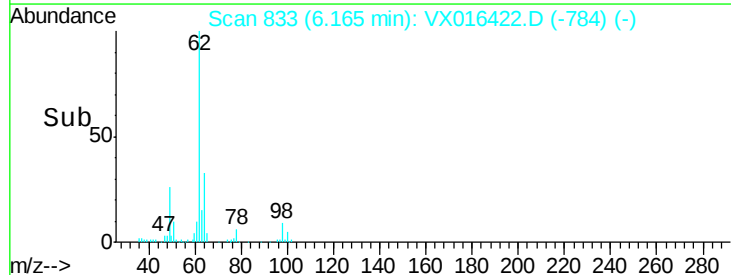
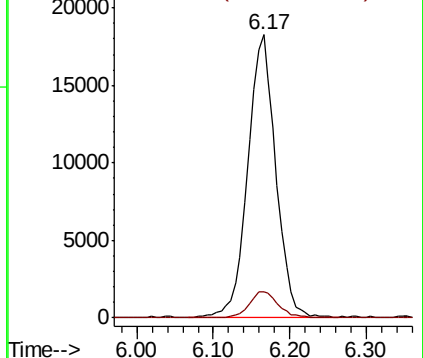


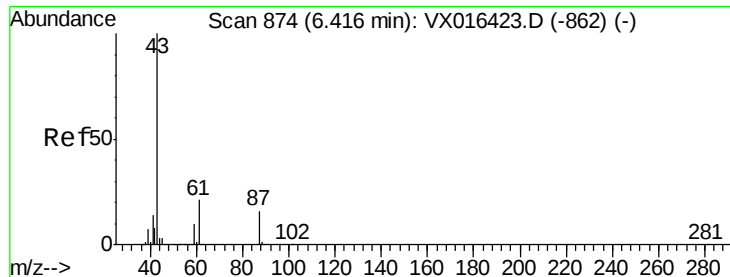
#42
1,2-Dichloroethane
Concen: 17.112 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

Tgt Ion:	62	Resp:	46836
Ion	Ratio	Lower	Upper
62	100		
98	9.6	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: 15.904 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

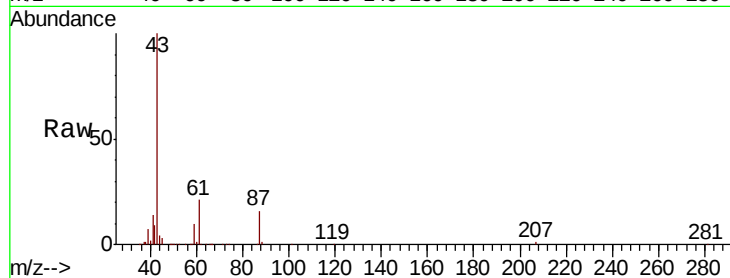
Tot Ion: 43 Resp: 75377

Ion Ratio Lower Upper

43 100

61 21.4 17.2 25.8

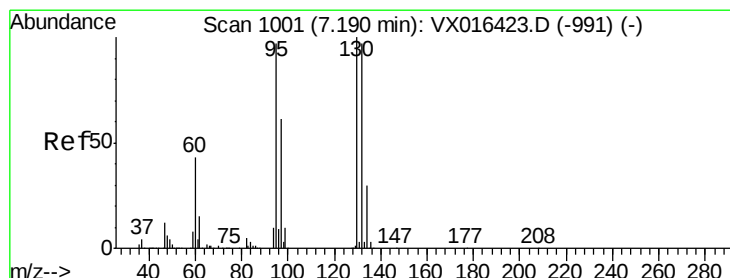
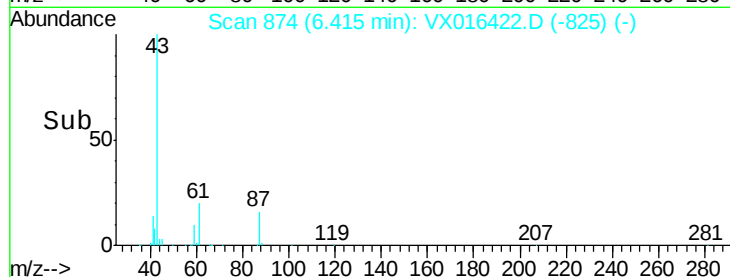
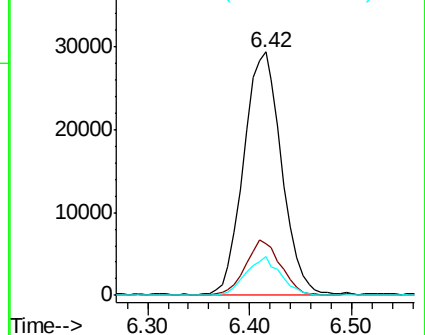
87 14.7 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VX016422.D (-825) (-)

Ion 61.00 (60.70 to 61.70): VX016422.D (-825) (-)

Ion 87.00 (86.70 to 87.70): VX016422.D (-825) (-)



#44

Trichloroethene

Concen: 15.329 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016422.D

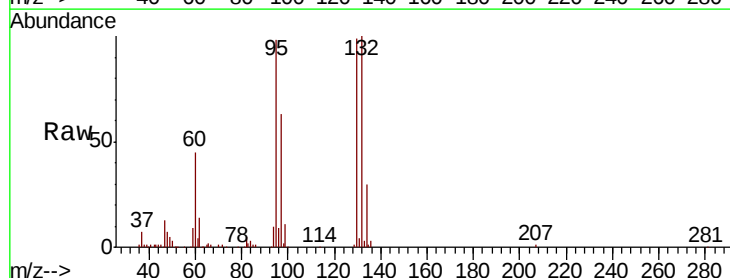
Acq: 26 May 2020 13:17

Tgt Ion:130 Resp: 41207

Ion Ratio Lower Upper

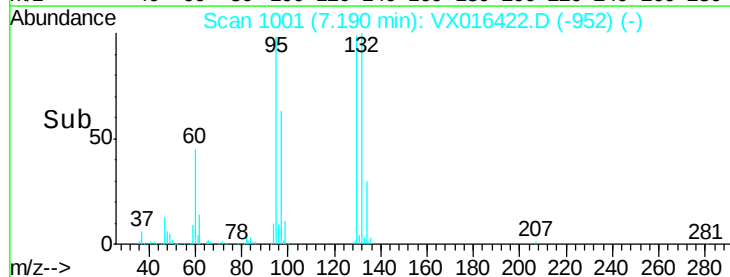
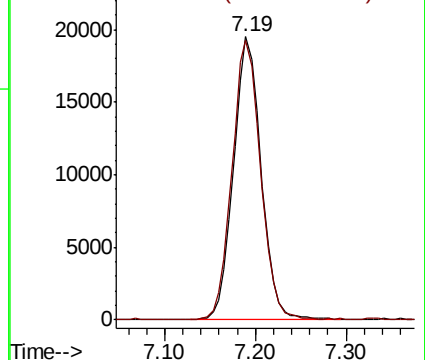
130 100

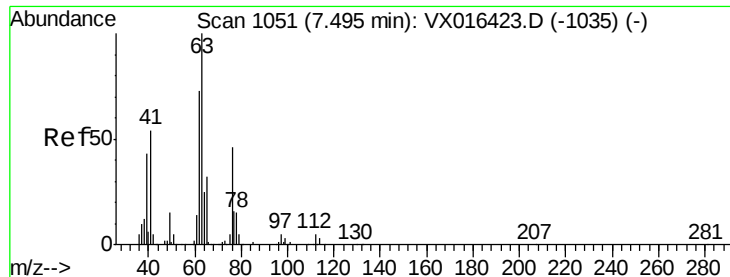
95 98.9 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): VX016422.D (-952) (-)

Ion 94.90 (94.60 to 95.60): VX016422.D (-952) (-)





#45

1,2-Dichloropropane

Concen: 16.300 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

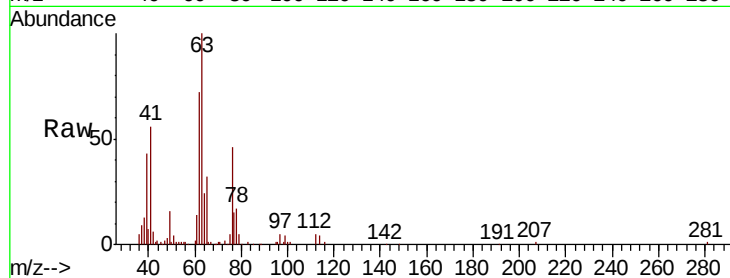
VSTDIC020

Tot Ion: 63 Resp: 31152

Ion Ratio Lower Upper

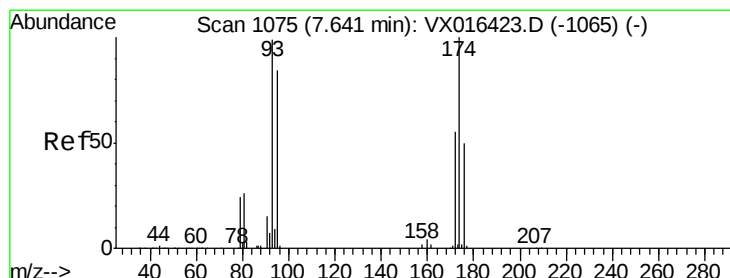
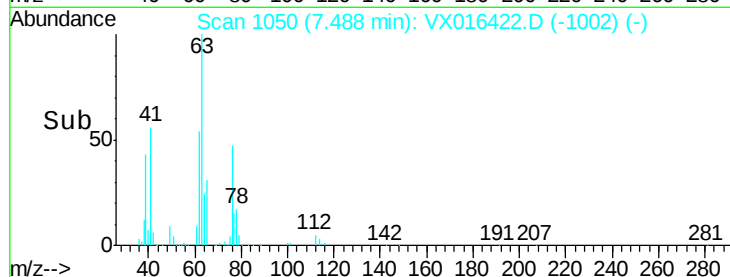
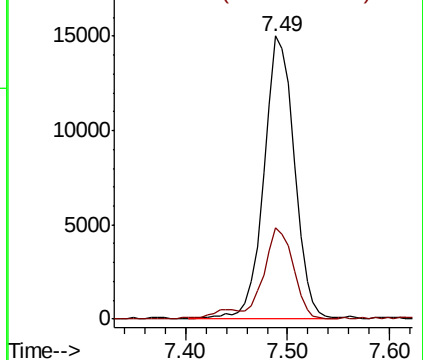
63 100

65 32.3 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 16.929 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

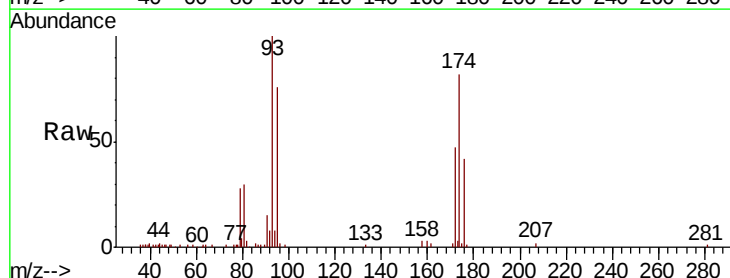
Tgt Ion: 93 Resp: 22366

Ion Ratio Lower Upper

93 100

95 81.6 65.0 97.4

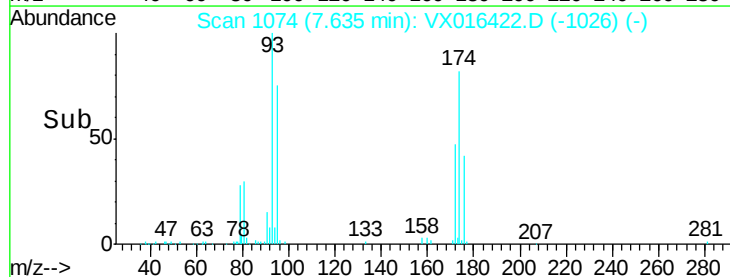
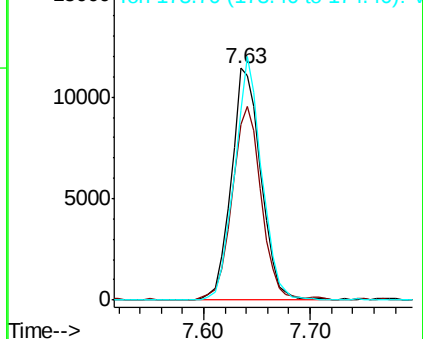
174 96.2 81.4 122.0

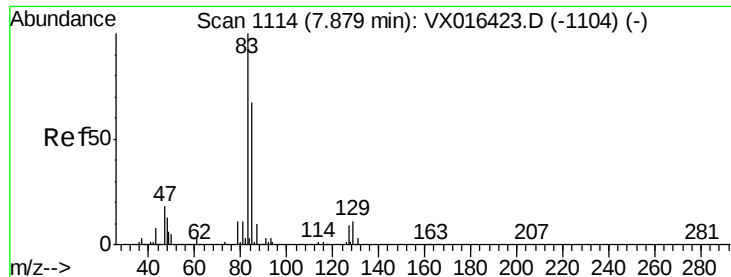


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 16.948 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

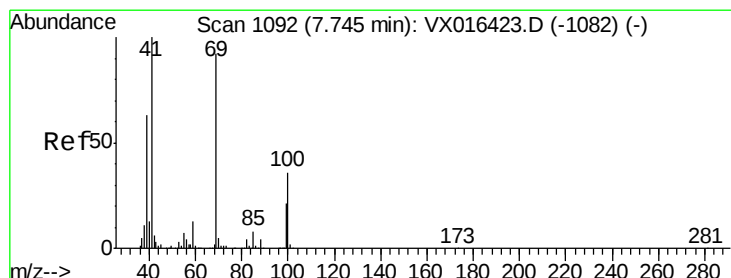
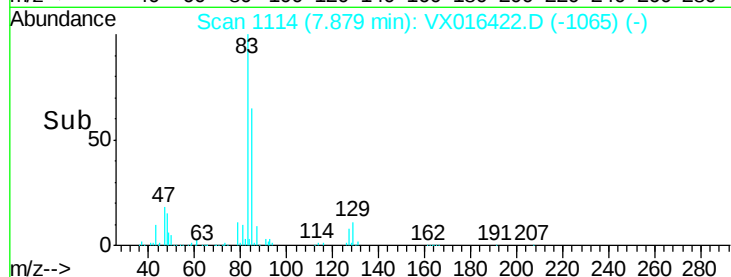
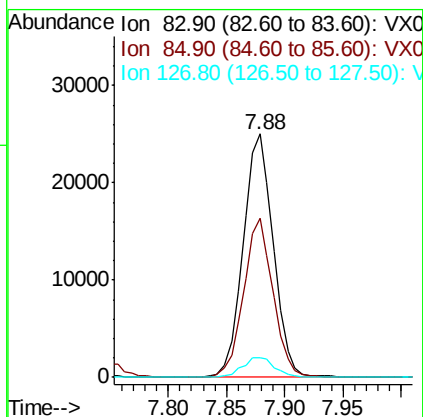
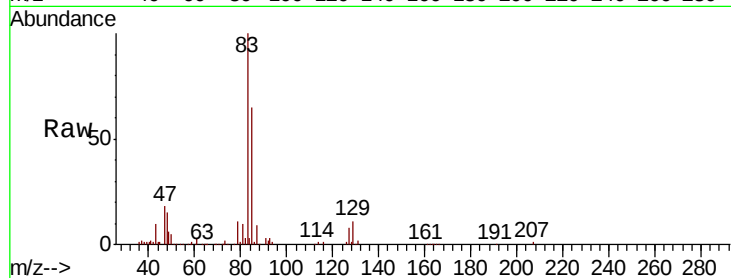
Tot Ion: 83 Resp: 45223

Ion Ratio Lower Upper

83 100

85 65.3 53.8 80.8

127 8.2 7.4 11.2



#48

Methyl methacrylate

Concen: 15.064 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

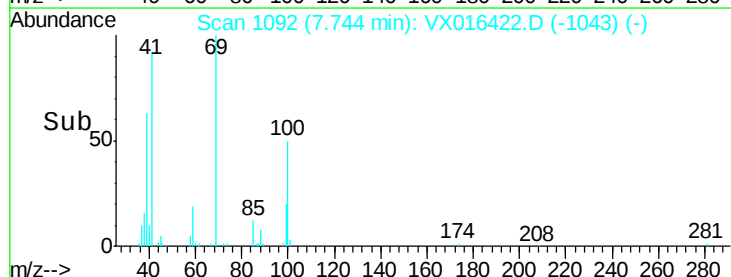
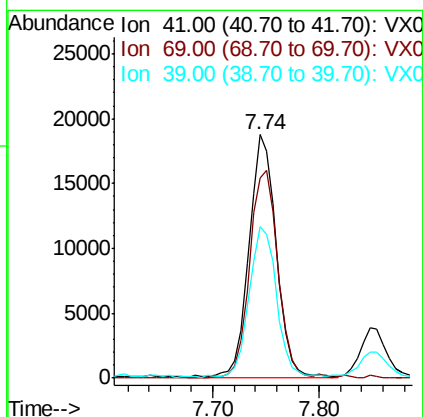
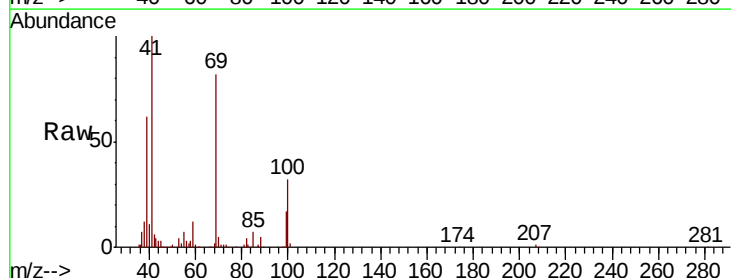
Tgt Ion: 41 Resp: 33640

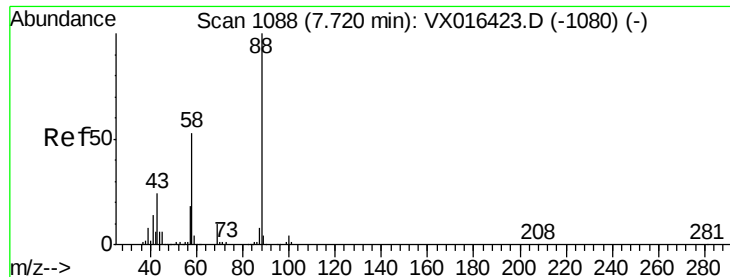
Ion Ratio Lower Upper

41 100

69 89.3 71.8 107.8

39 63.0 48.6 73.0





#49

1,4-Dioxane

Concen: 313.878 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

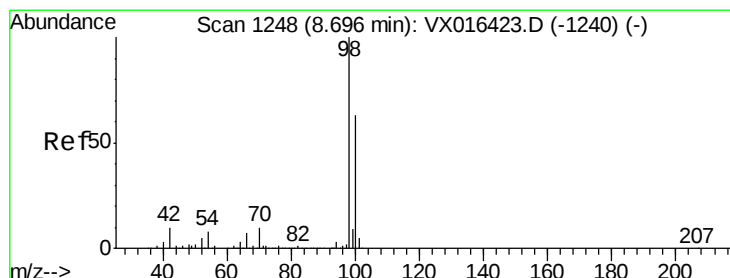
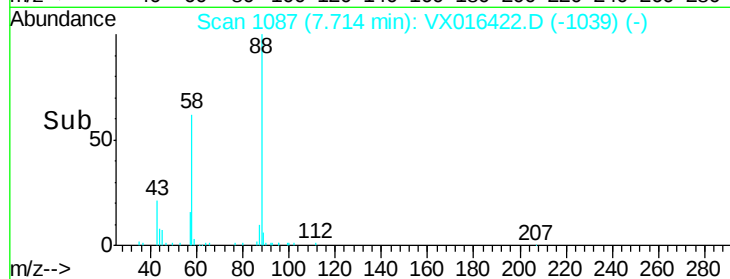
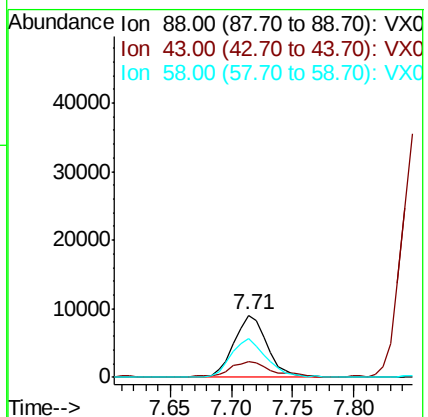
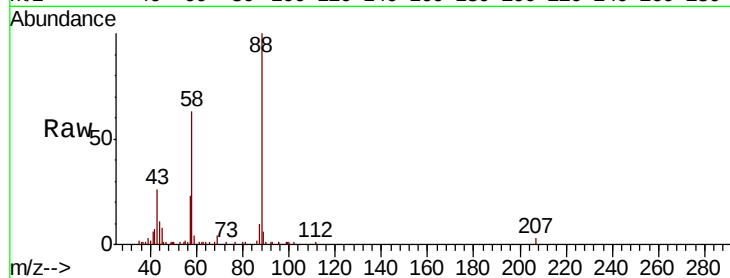
Tot Ion: 88 Resp: 17063

Ion Ratio Lower Upper

88 100

43 31.4 23.0 34.6

58 67.5 51.7 77.5



#50

Toluene-d8

Concen: 18.207 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016422.D

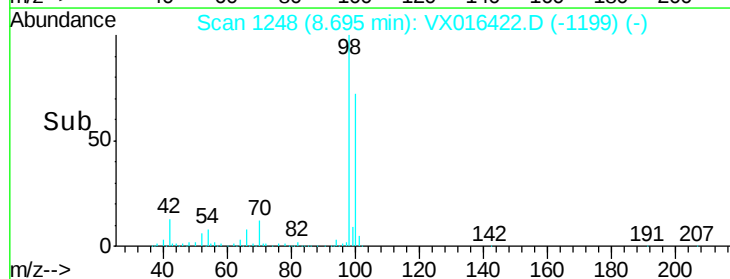
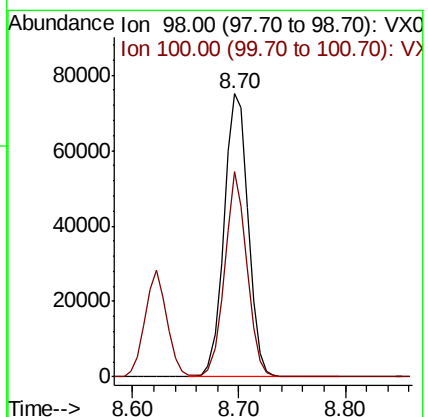
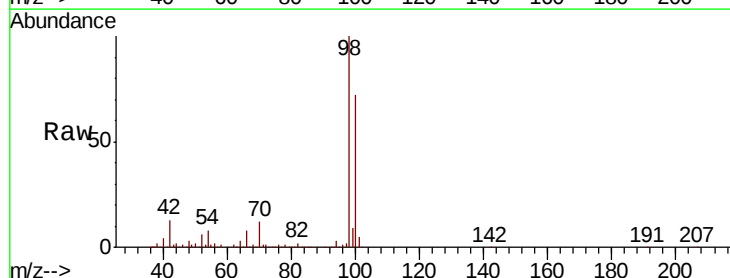
Acq: 26 May 2020 13:17

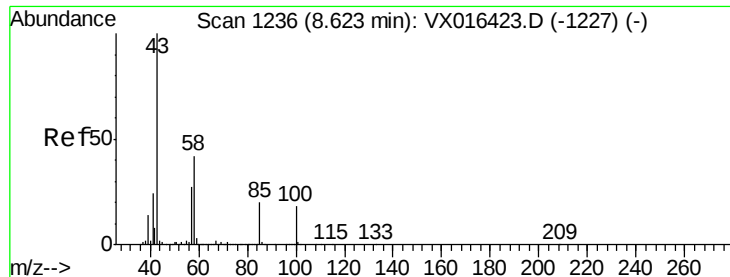
Tgt Ion: 98 Resp: 119148

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8

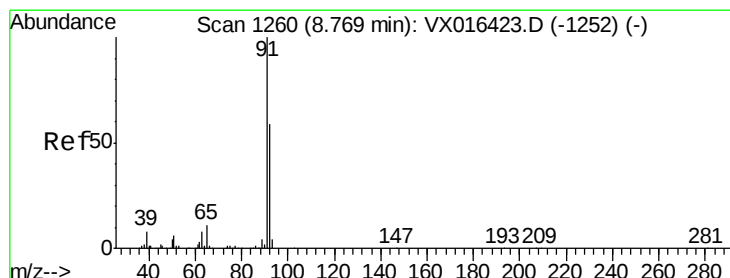
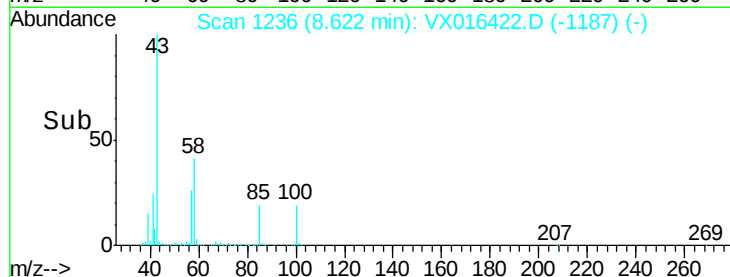
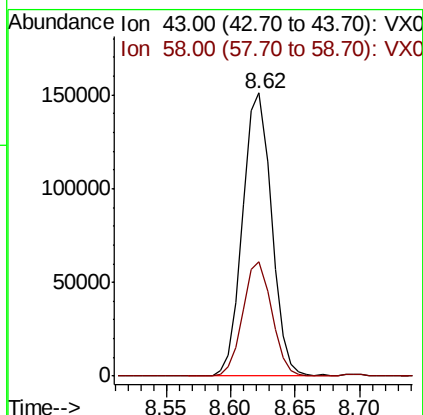
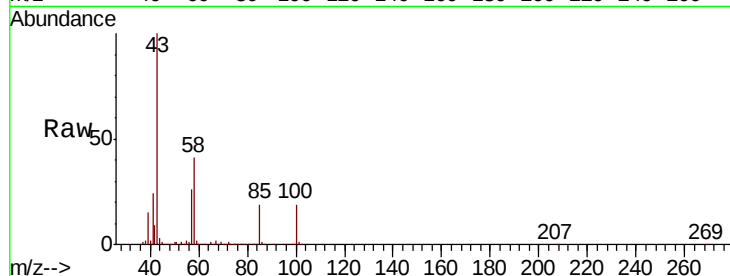




#51
 4-Methyl-2-Pentanone
 Concen: 81.069 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016422.D
 Acq: 26 May 2020 13:17

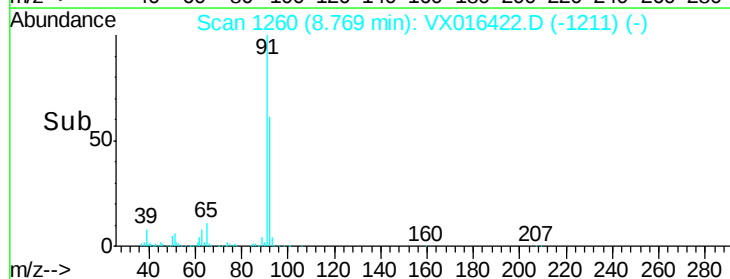
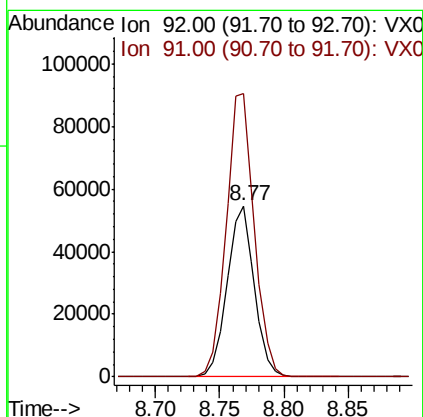
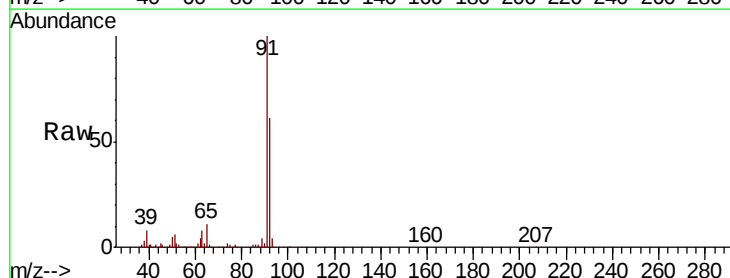
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

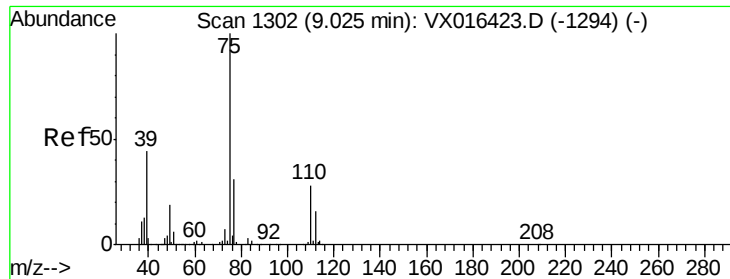
Tot Ion: 43 Resp: 235387
 Ion Ratio Lower Upper
 43 100
 58 40.4 33.8 50.6



#52
 Toluene
 Concen: 16.989 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016422.D
 Acq: 26 May 2020 13:17

Tgt Ion: 92 Resp: 80917
 Ion Ratio Lower Upper
 92 100
 91 170.5 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 16.426 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

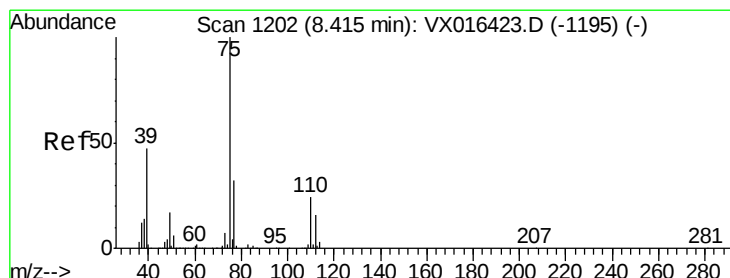
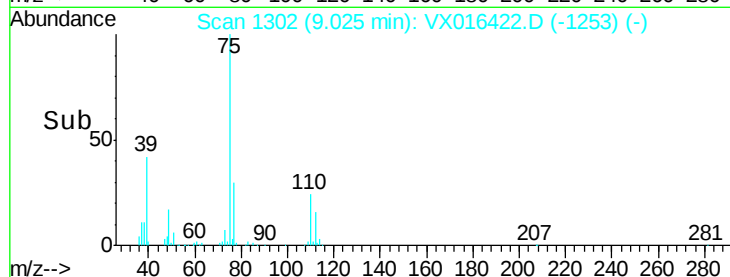
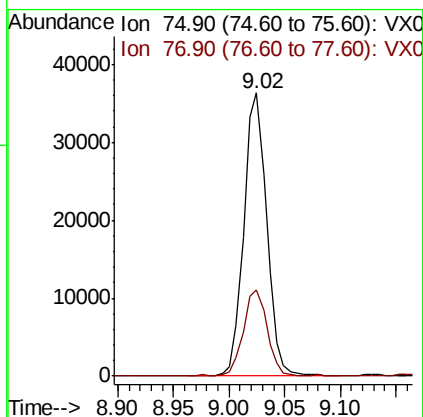
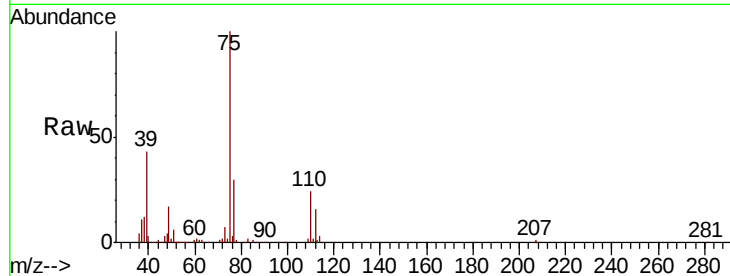
VSTDIC020

Tot Ion: 75 Resp: 52094

Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 16.231 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

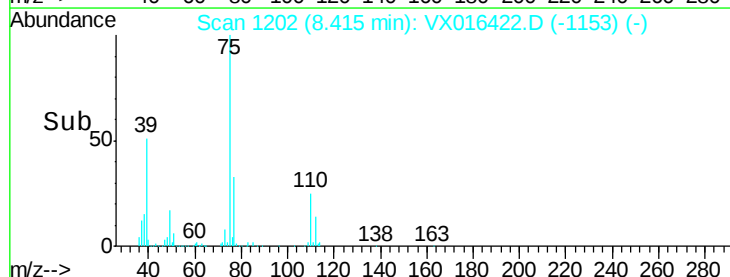
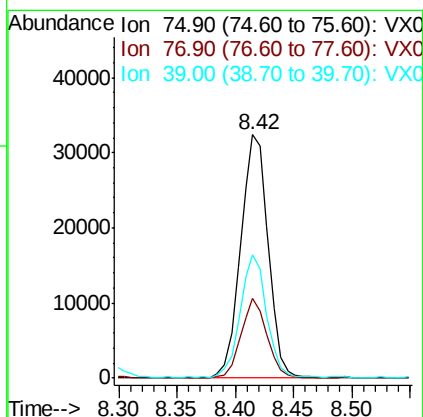
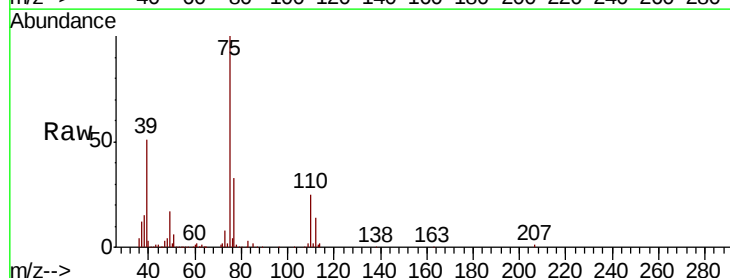
Tgt Ion: 75 Resp: 53541

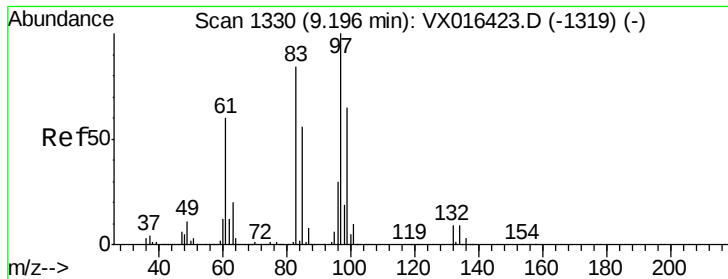
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

39 50.3 37.7 56.5

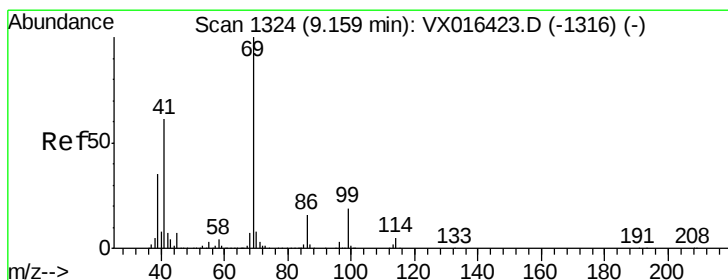
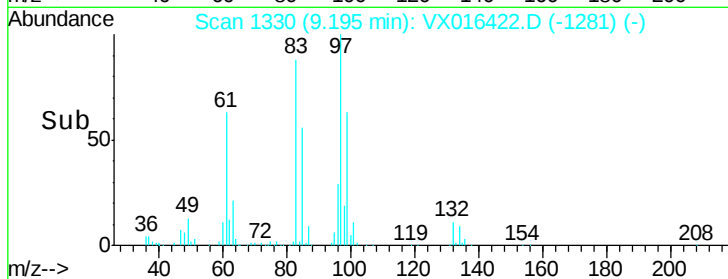
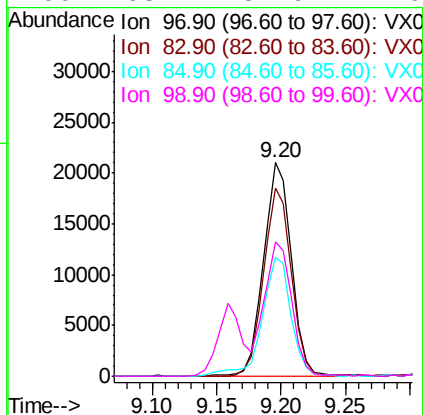
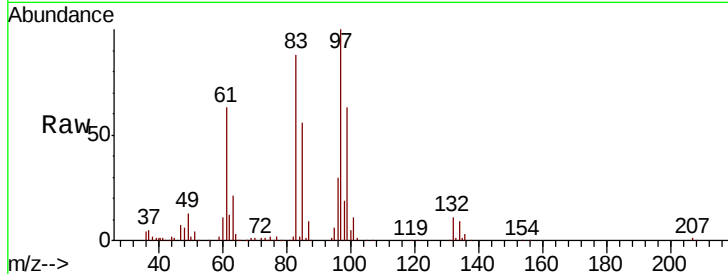




#55
 1,1,2-Trichloroethane
 Concen: 16.745 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016422.D
 Acq: 26 May 2020 13:17

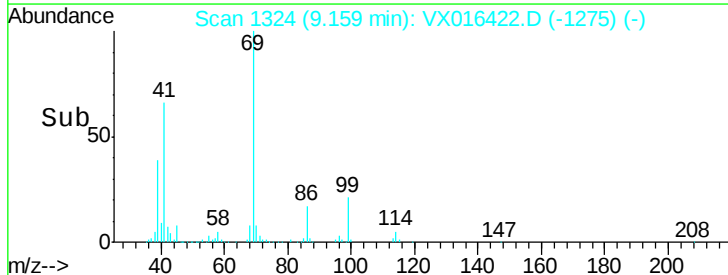
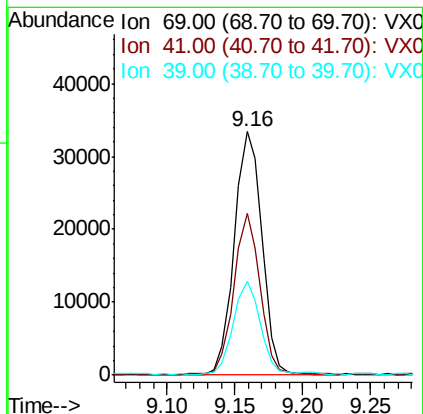
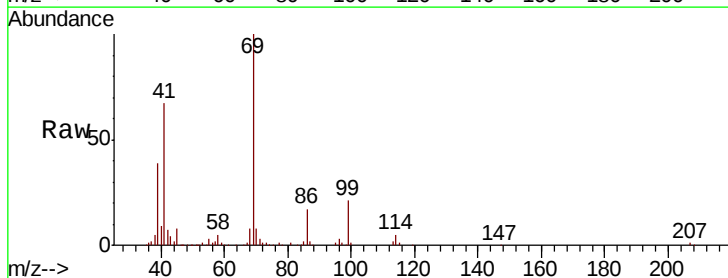
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

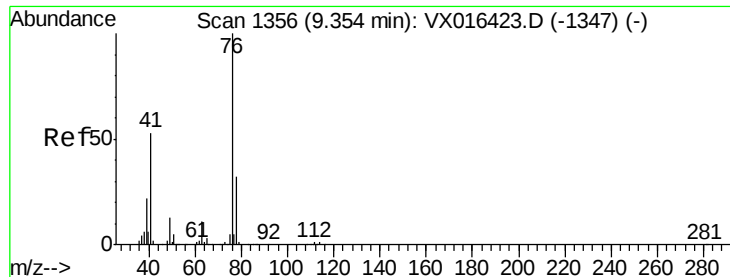
Tot Ion:	97	Resp:	31513
Ion	Ratio	Lower	Upper
97	100		
83	88.4	66.9	100.3
85	55.7	45.2	67.8
99	63.1	51.9	77.9



#56
 Ethyl methacrylate
 Concen: 15.703 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016422.D
 Acq: 26 May 2020 13:17

Tgt Ion:	69	Resp:	47492
Ion	Ratio	Lower	Upper
69	100		
41	64.0	47.9	71.9
39	37.8	28.7	43.1





#57

1,3-Dichloropropane

Concen: 17.003 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

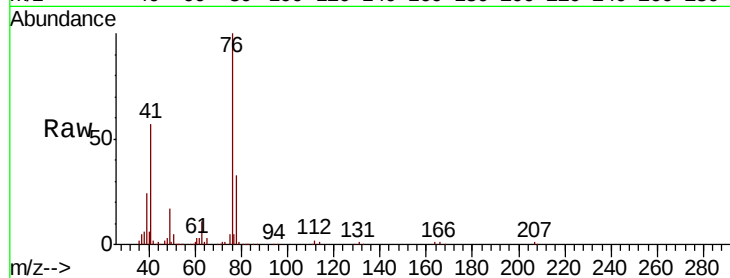
VSTDIC020

Tot Ion: 76 Resp: 55418

Ion Ratio Lower Upper

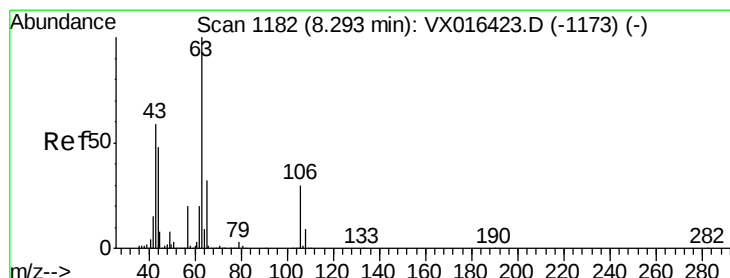
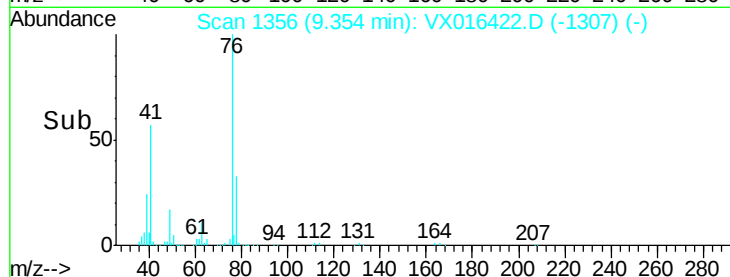
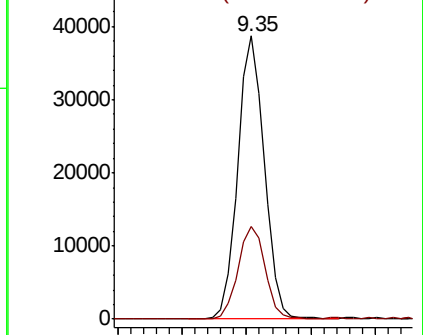
76 100

78 33.2 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: 83.654 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016422.D

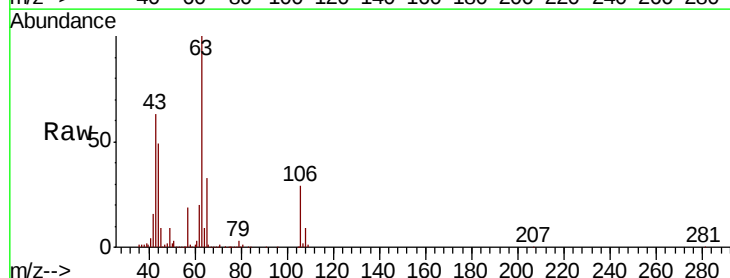
Acq: 26 May 2020 13:17

Tgt Ion: 63 Resp: 134433

Ion Ratio Lower Upper

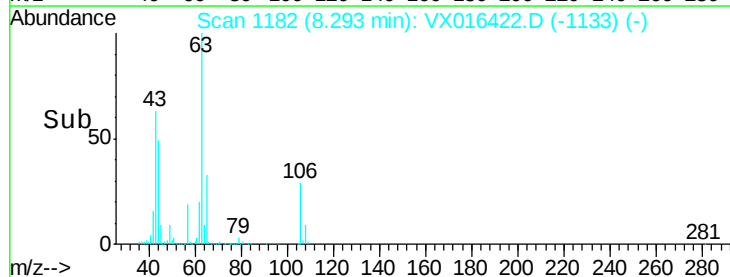
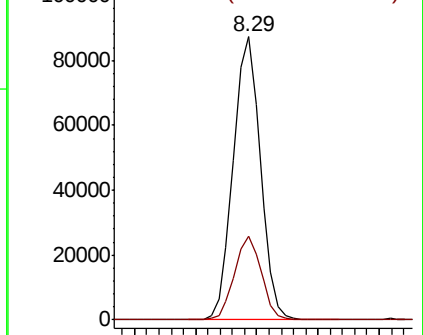
63 100

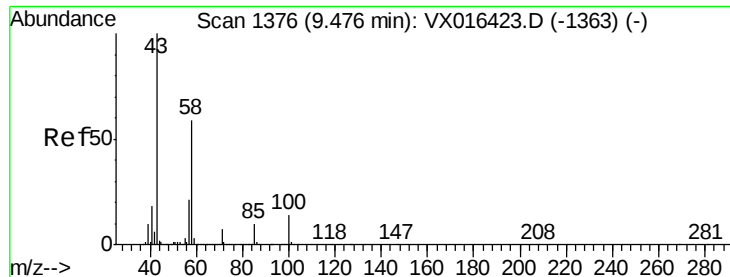
106 29.2 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

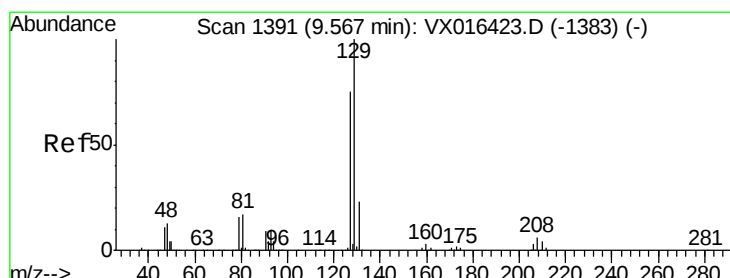
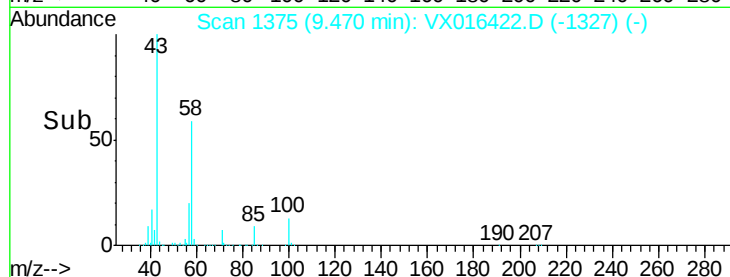
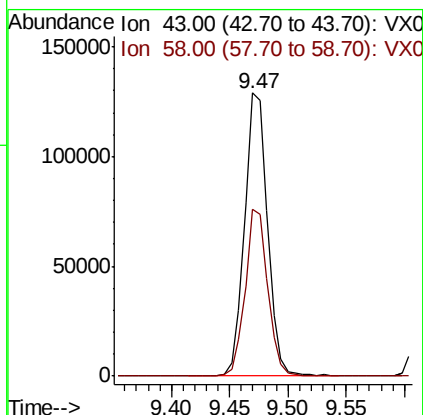
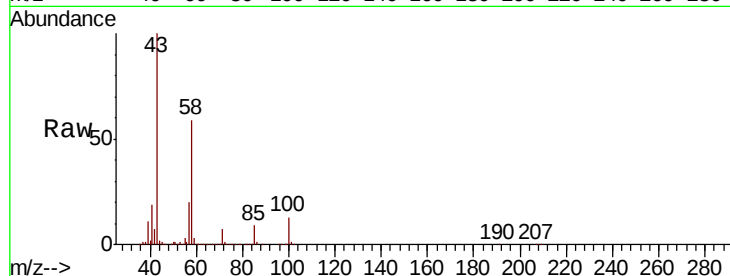




#59
2-Hexanone
Concen: 78.038 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

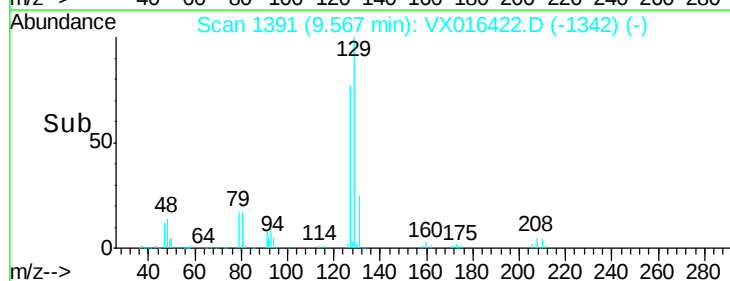
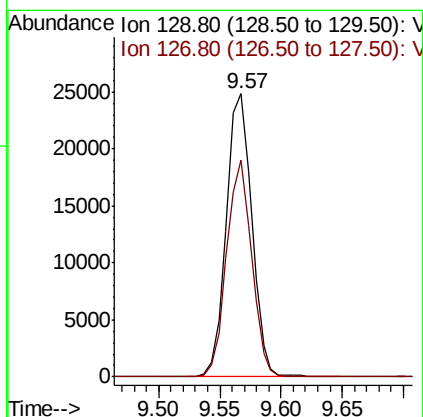
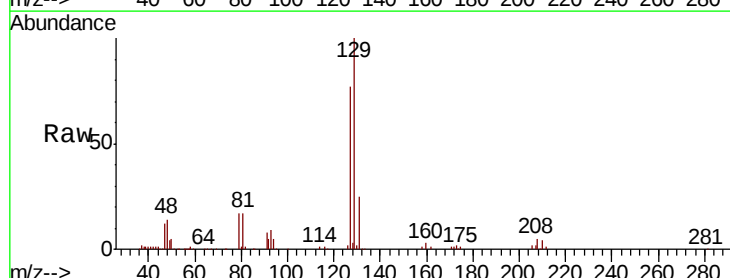
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

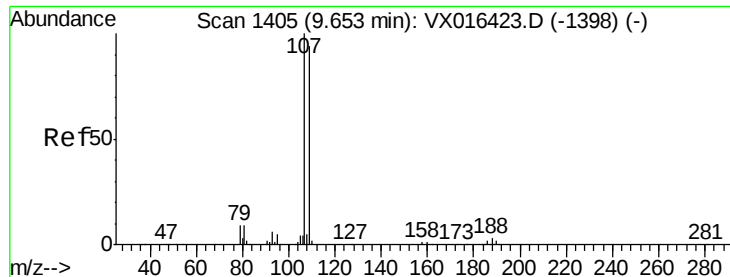
Tot Ion: 43 Resp: 178100
Ion Ratio Lower Upper
43 100
58 58.1 29.1 87.3



#60
Dibromochloromethane
Concen: 17.225 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

Tgt Ion: 129 Resp: 35907
Ion Ratio Lower Upper
129 100
127 75.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 17.184 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

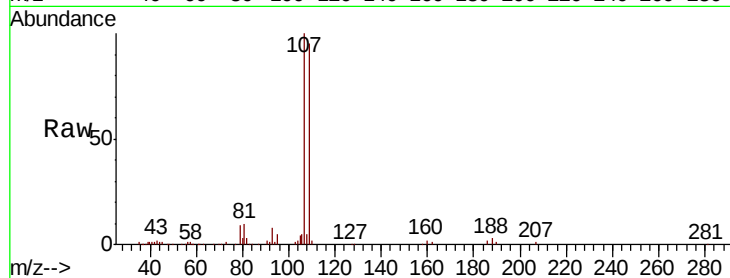
VSTDIC020

Tot Ion:107 Resp: 35130

Ion Ratio Lower Upper

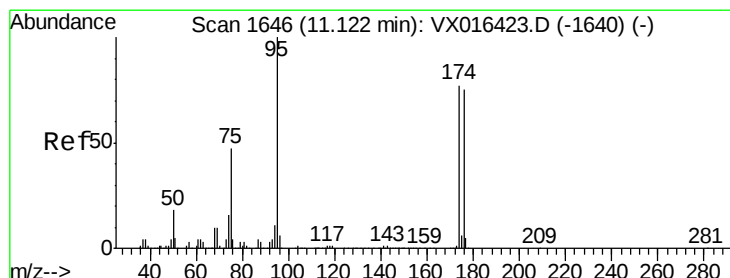
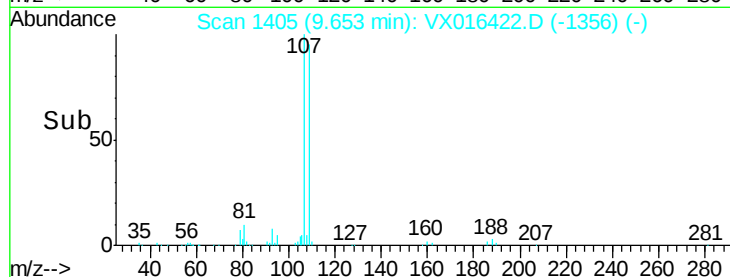
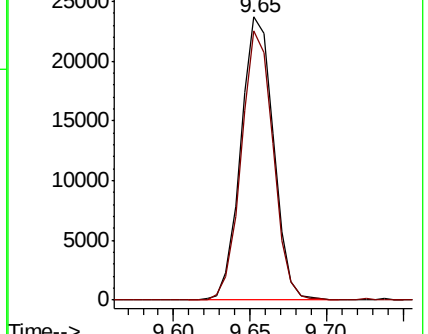
107 100

109 92.9 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: 17.286 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

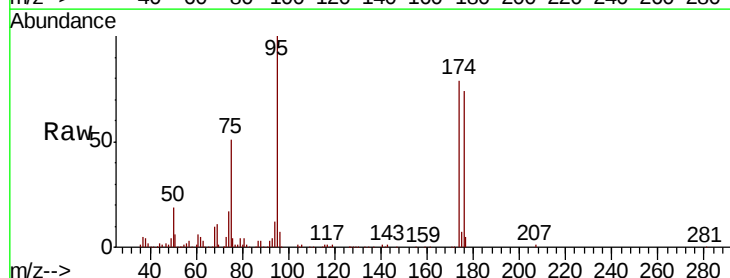
Tgt Ion: 95 Resp: 42769

Ion Ratio Lower Upper

95 100

174 79.4 0.0 162.6

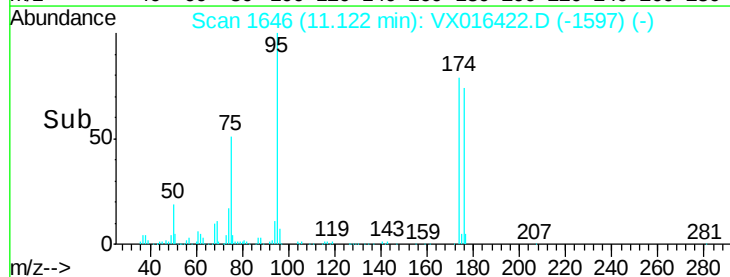
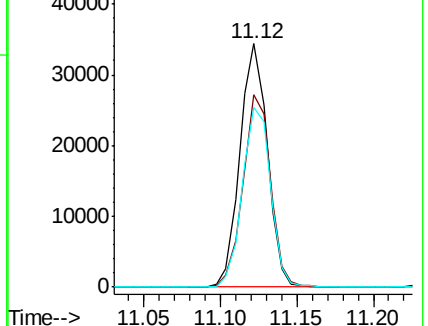
176 76.1 0.0 158.2

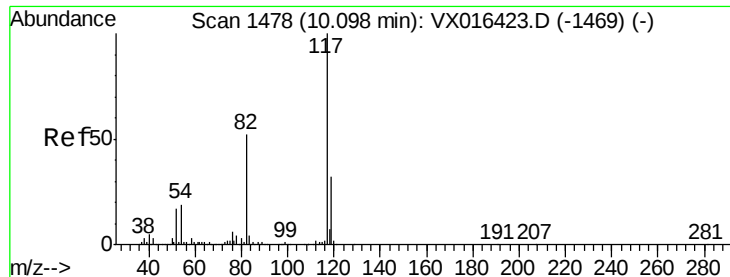


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

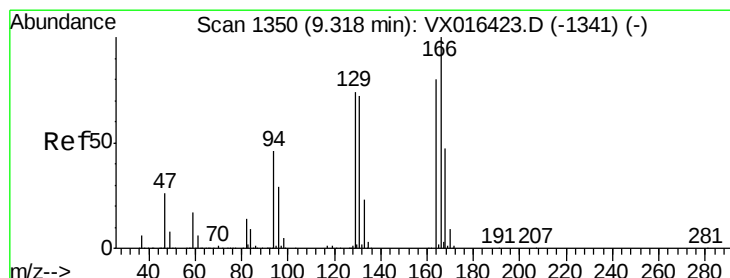
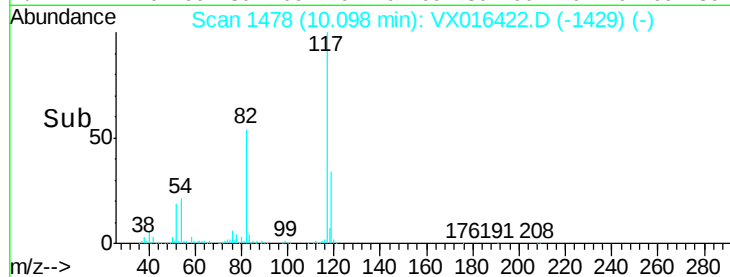
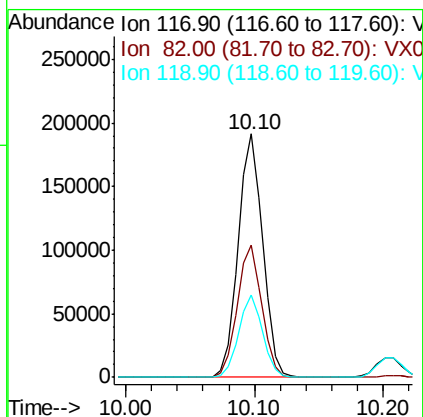
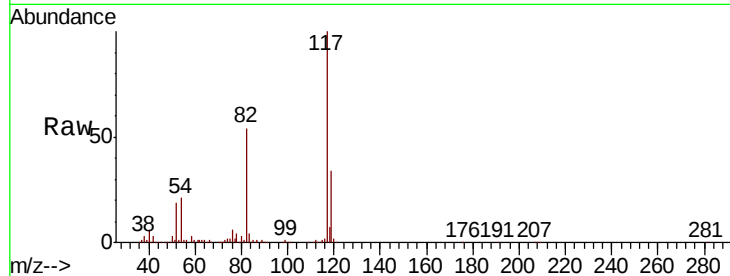




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

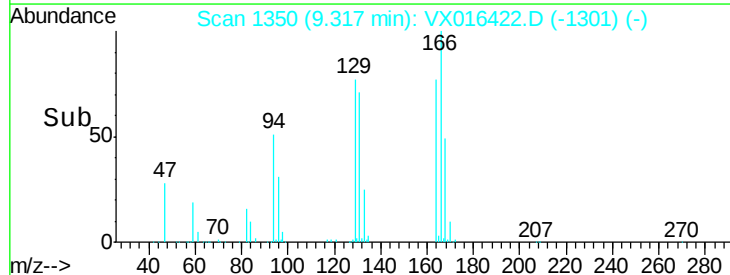
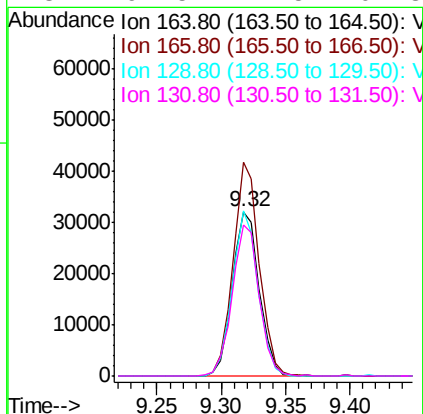
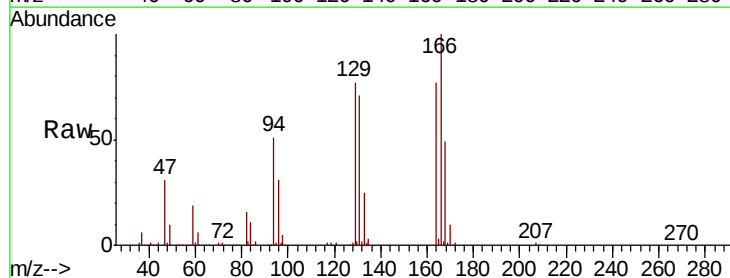
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

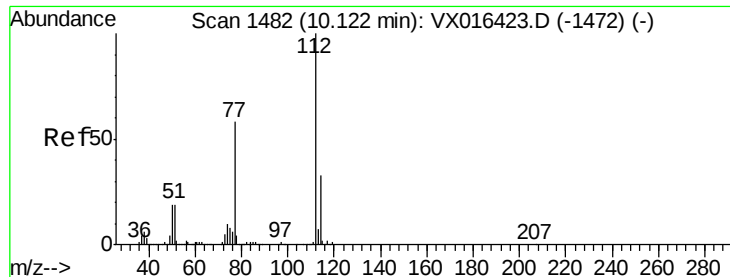
Tot Ion:117 Resp: 252287
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.6
119 33.7 25.7 38.5



#64
Tetrachloroethene
Concen: 15.290 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

Tgt Ion:164 Resp: 46757
Ion Ratio Lower Upper
164 100
166 130.2 99.5 149.3
129 100.6 73.4 110.0
131 92.5 71.5 107.3

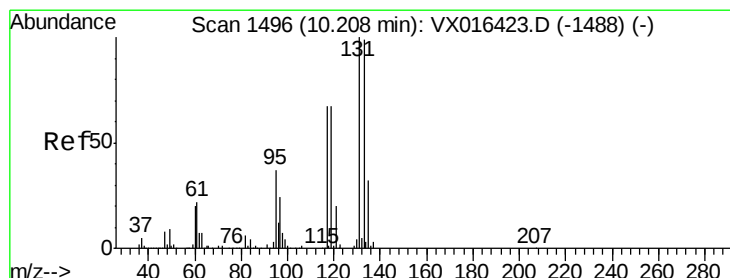
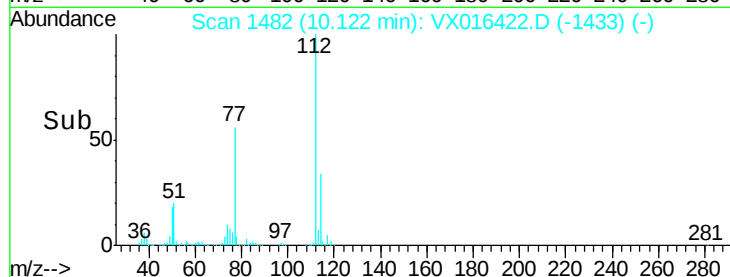
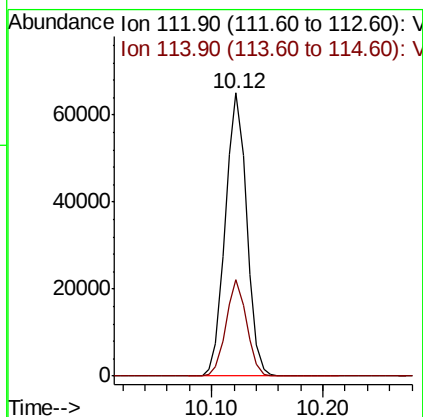
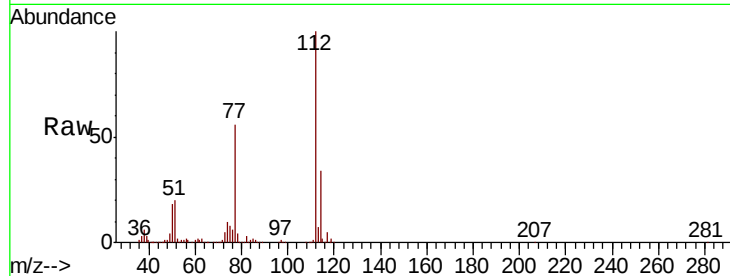




#65
Chlorobenzene
Concen: 16.475 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

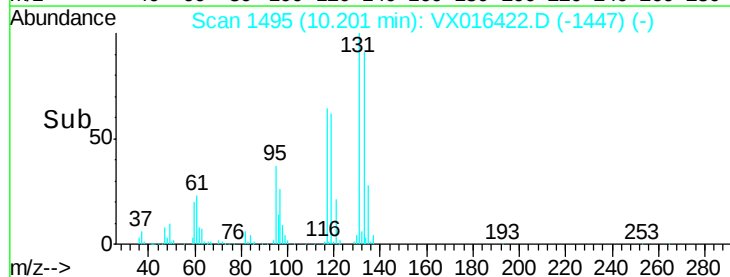
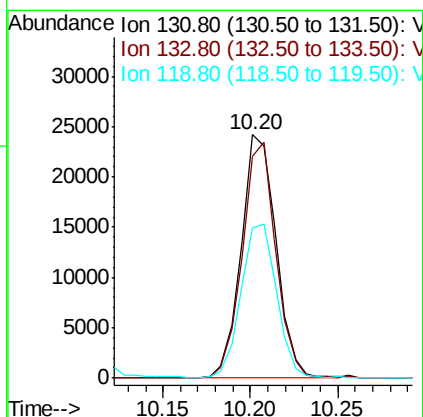
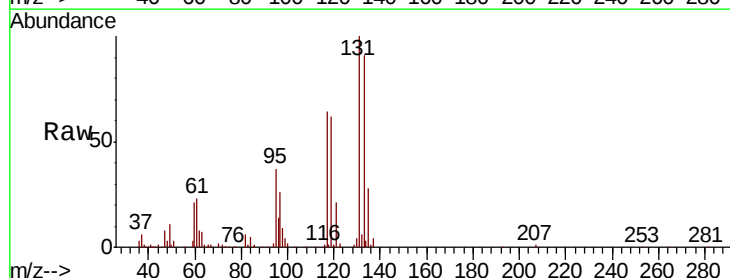
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

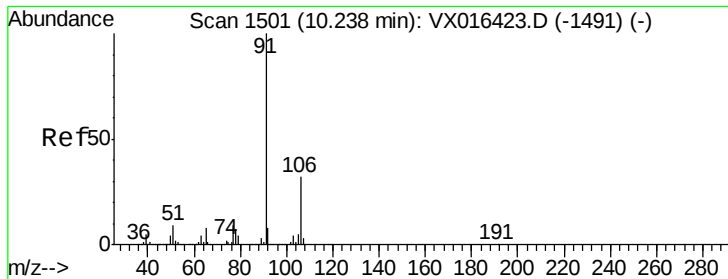
Tot Ion:112 Resp: 86796
Ion Ratio Lower Upper
112 100
114 34.0 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 17.204 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

Tgt Ion:131 Resp: 33595
Ion Ratio Lower Upper
131 100
133 93.9 48.0 144.2
119 64.9 33.0 98.9





#67

Ethyl Benzene

Concen: 16.297 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampled :

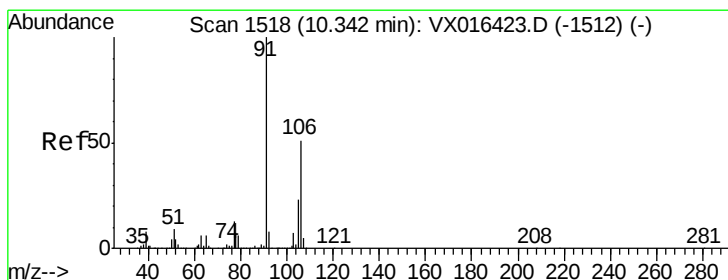
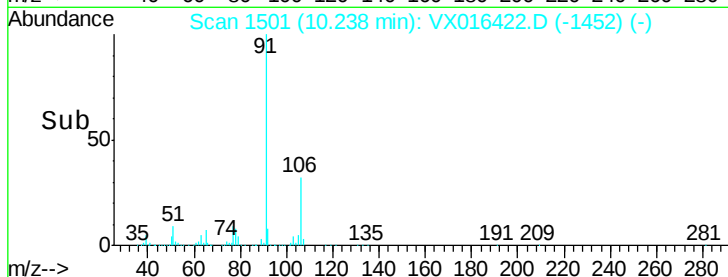
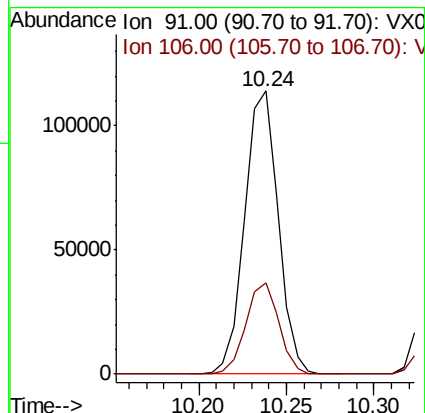
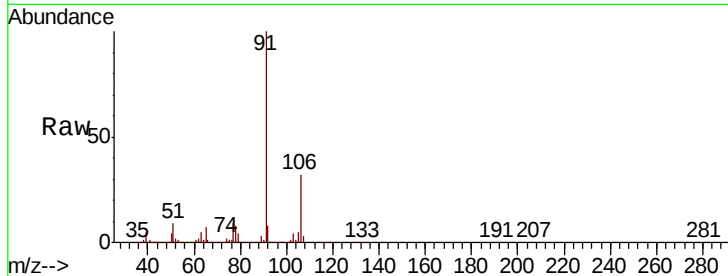
VSTDIC020

Tot Ion: 91 Resp: 152250

Ion Ratio Lower Upper

91 100

106 32.1 25.8 38.8



#68

m/p-Xylenes

Concen: 33.159 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016422.D

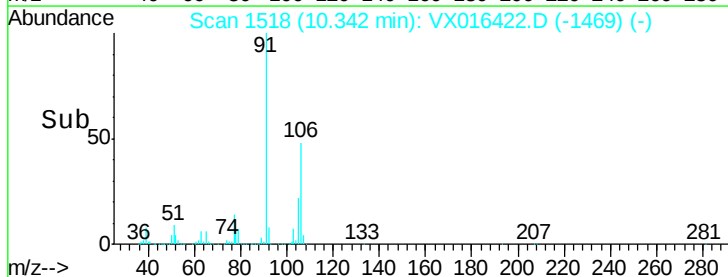
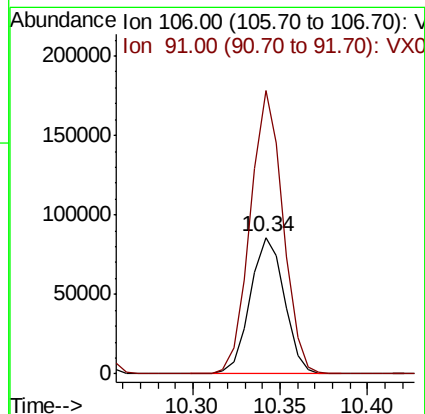
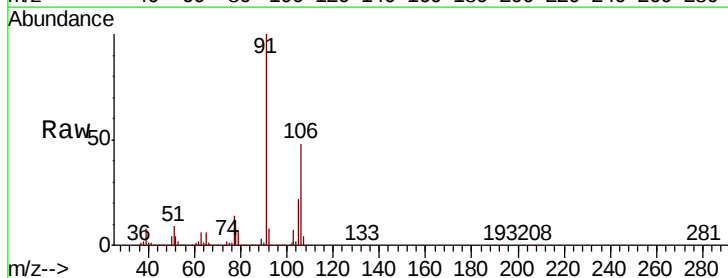
Acq: 26 May 2020 13:17

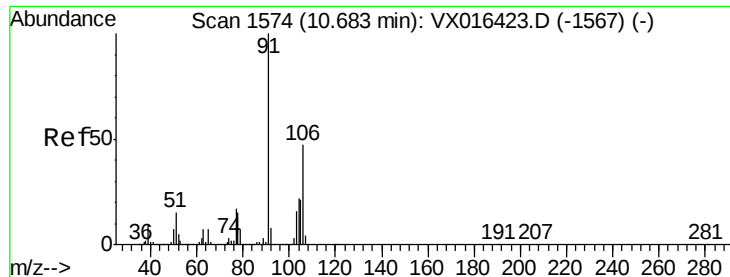
Tgt Ion: 106 Resp: 116396

Ion Ratio Lower Upper

106 100

91 199.6 158.2 237.4

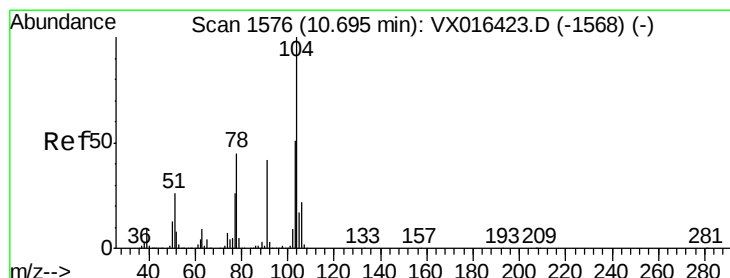
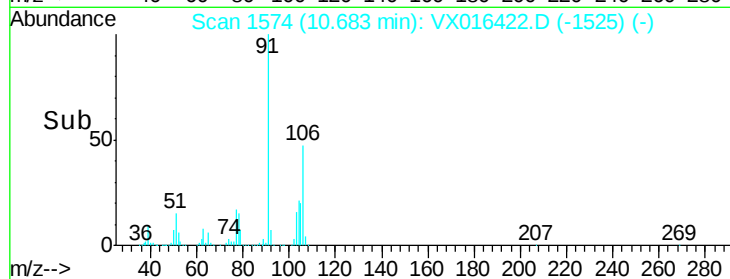
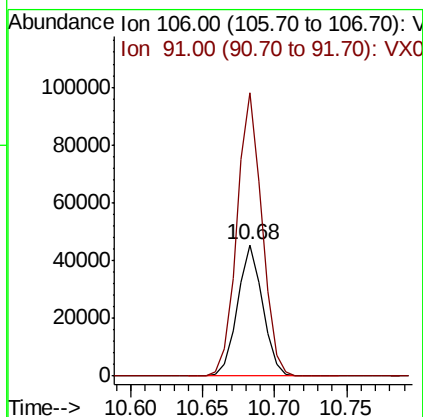
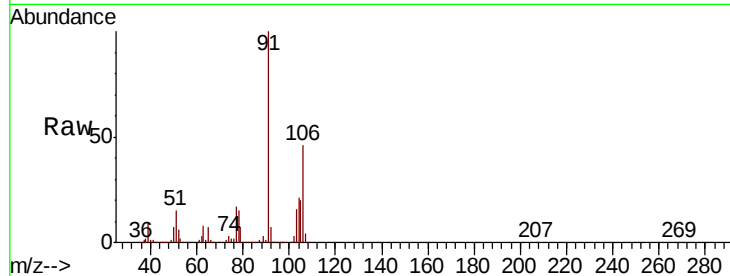




#69
o-Xylene
Concen: 16.419 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

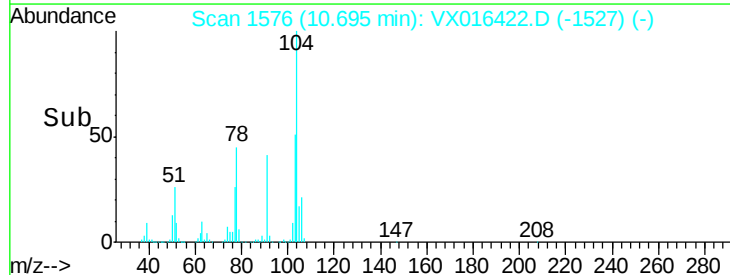
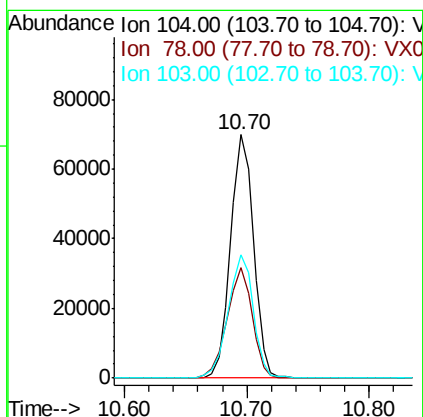
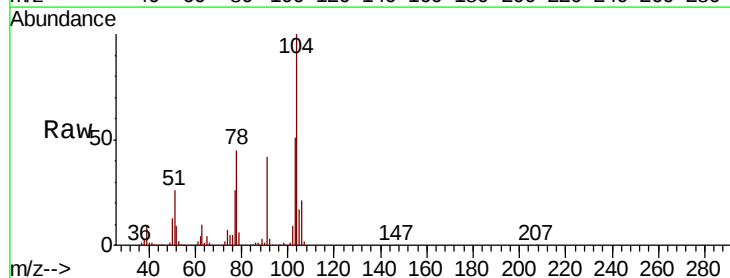
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

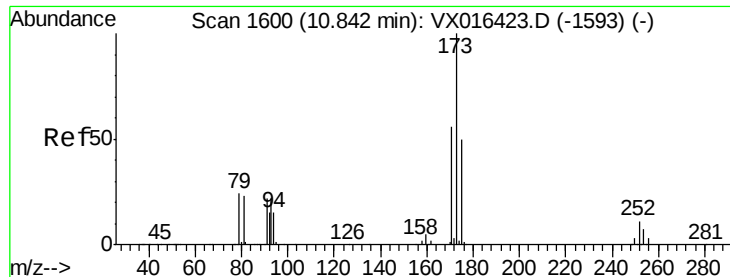
Tot Ion:106 Resp: 55512
Ion Ratio Lower Upper
106 100
91 213.9 104.0 312.0



#70
Styrene
Concen: 15.868 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

Tgt Ion:104 Resp: 90748
Ion Ratio Lower Upper
104 100
78 49.9 39.2 58.8
103 55.7 43.8 65.6





#71

Bromoform

Concen: 15.973 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

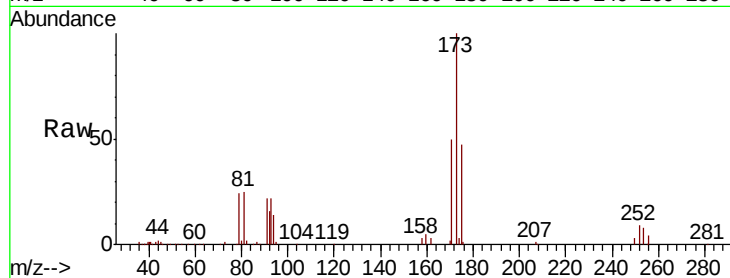
Tot Ion:173 Resp: 25454

Ion Ratio Lower Upper

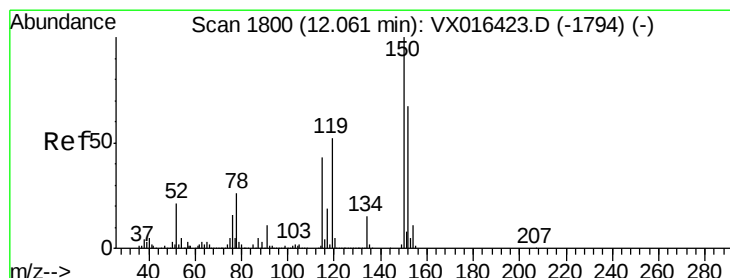
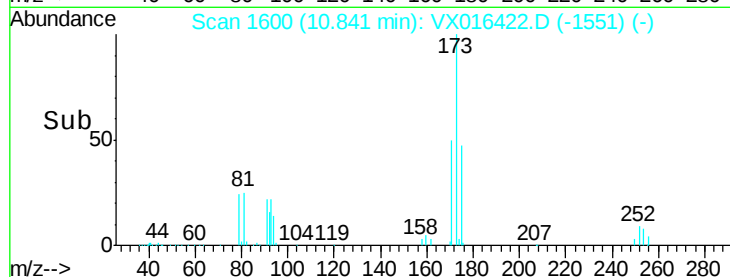
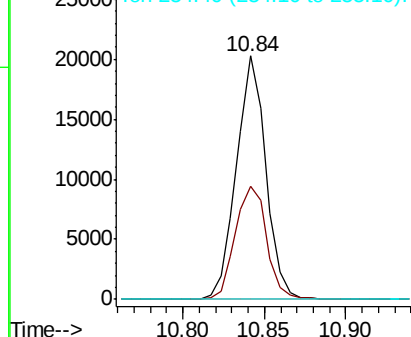
173 100

175 49.8 24.5 73.5

254 0.1 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: VX016422.D

Acq: 26 May 2020 13:17

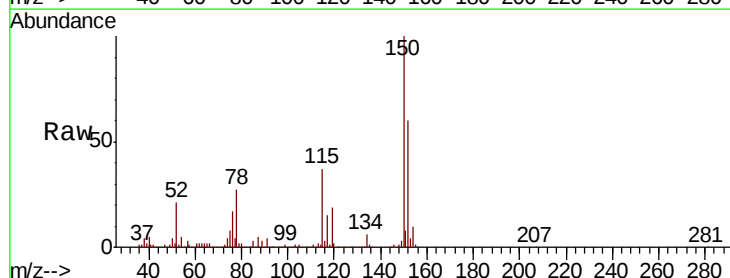
Tgt Ion:152 Resp: 121217

Ion Ratio Lower Upper

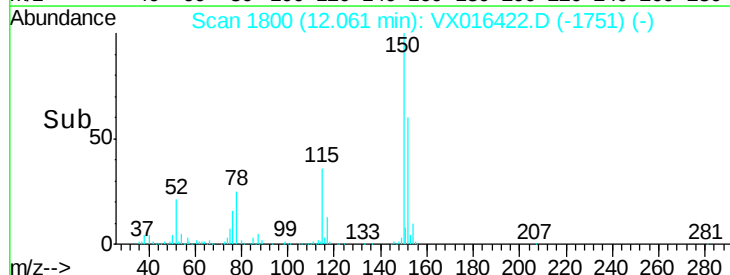
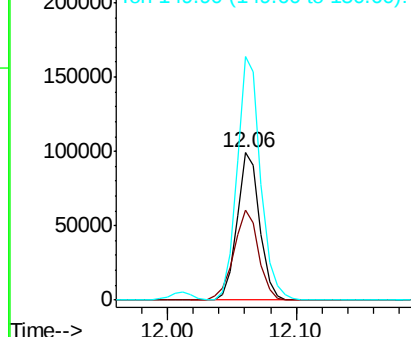
152 100

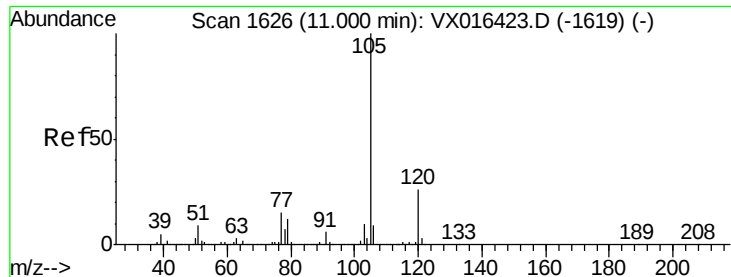
115 67.2 40.4 121.2

150 170.7 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: 16.731 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

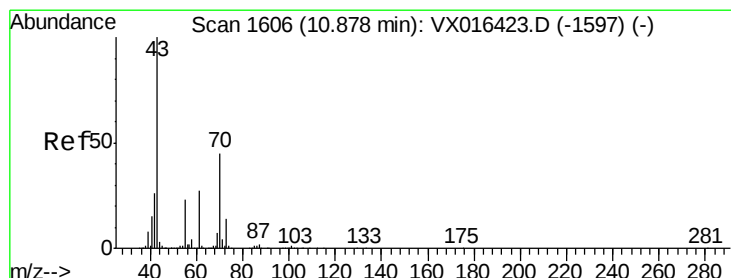
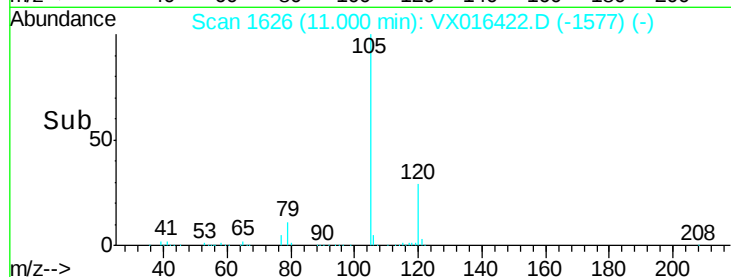
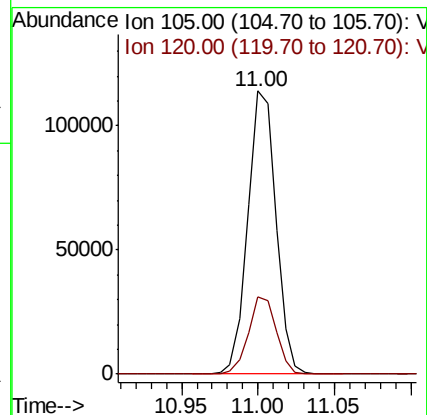
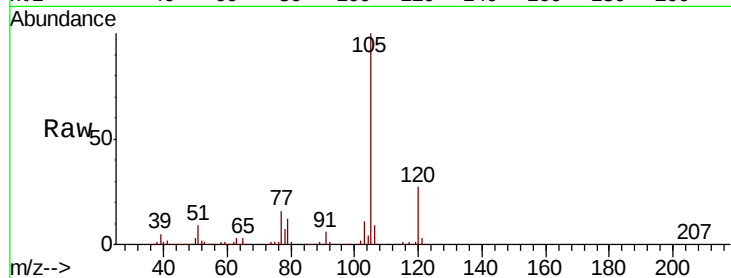
VSTDIC020

Tot Ion:105 Resp: 146325

Ion Ratio Lower Upper

105 100

120 26.9 13.7 41.0



#74

N-ethyl acetate

Concen: 15.492 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Tgt Ion: 43 Resp: 62073

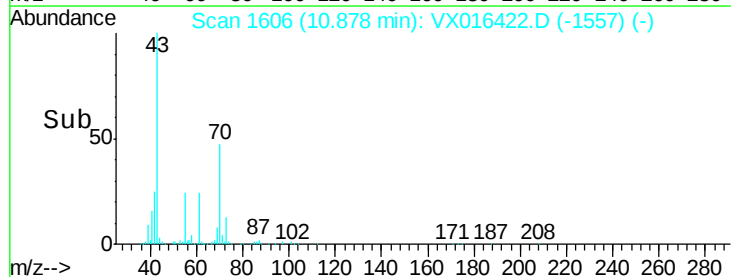
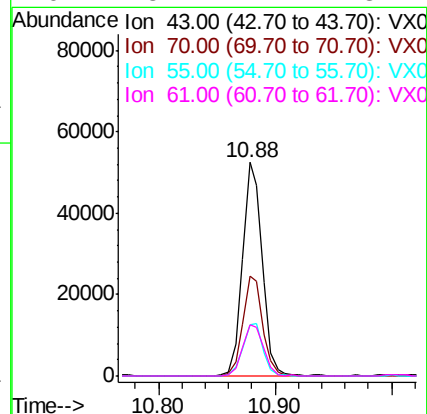
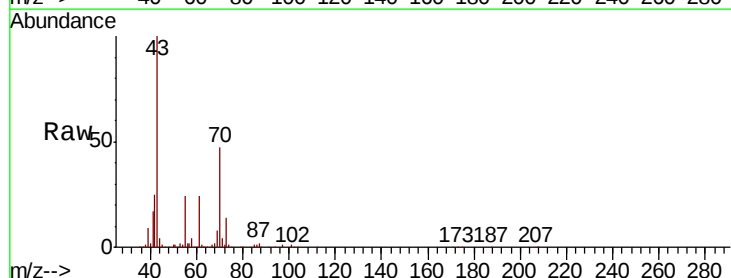
Ion Ratio Lower Upper

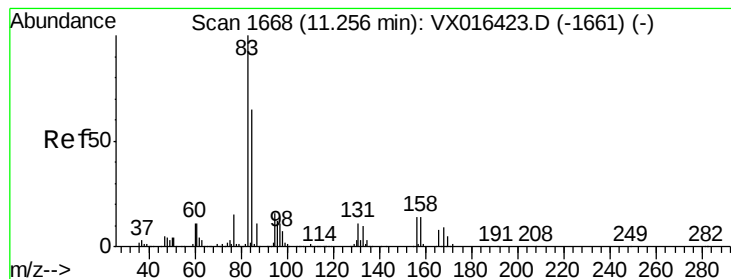
43 100

70 47.0 38.0 57.0

55 25.5 20.0 30.0

61 25.7 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.874 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

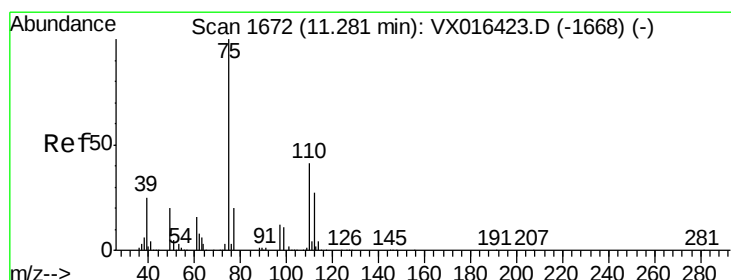
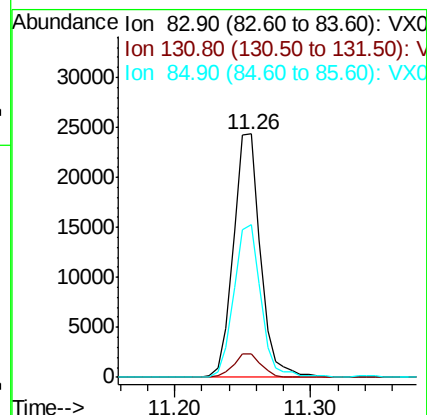
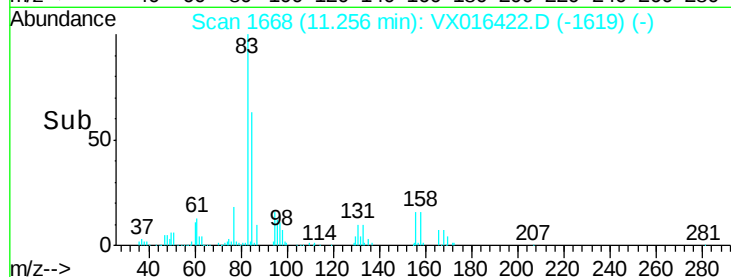
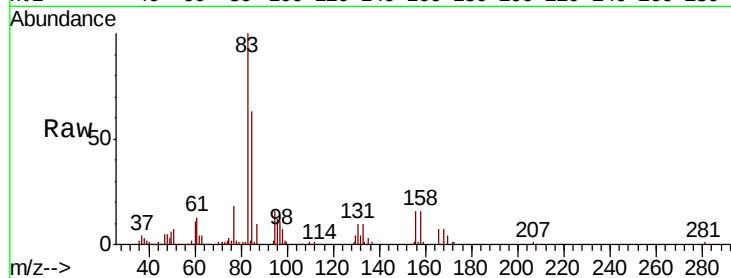
Tot Ion: 83 Resp: 33526

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 63.0 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 22.663 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016422.D

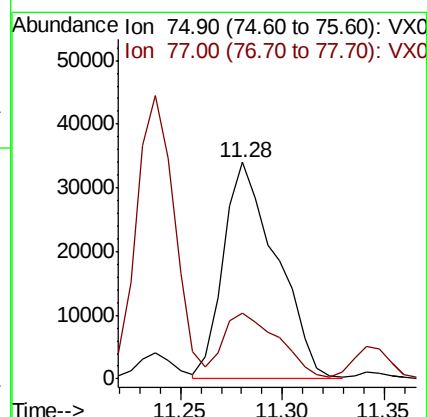
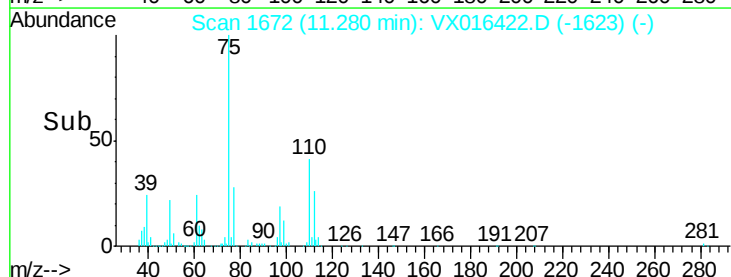
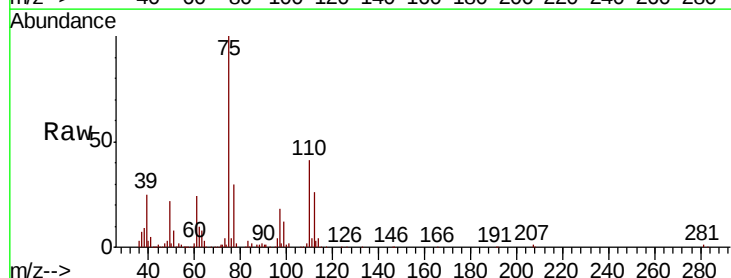
Acq: 26 May 2020 13:17

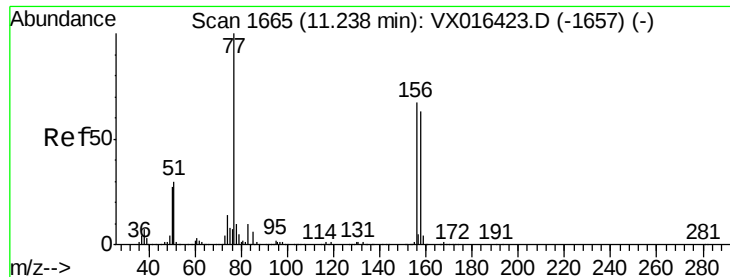
Tgt Ion: 75 Resp: 61477

Ion Ratio Lower Upper

75 100

77 31.6 21.4 64.3





#77

Bromobenzene

Concen: 16.343 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

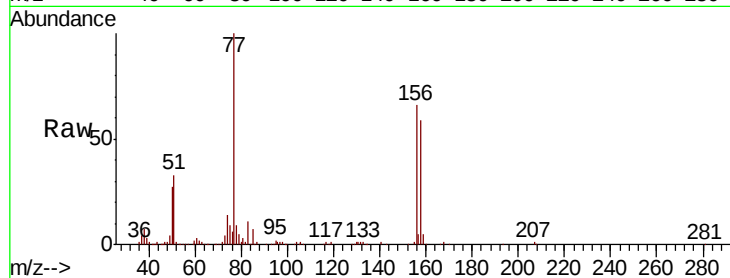
Tot Ion:156 Resp: 37140

Ion Ratio Lower Upper

156 100

77 156.1 74.6 223.8

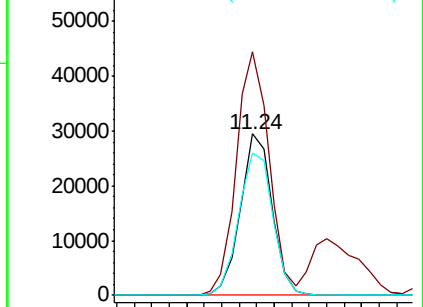
158 95.0 48.7 146.1



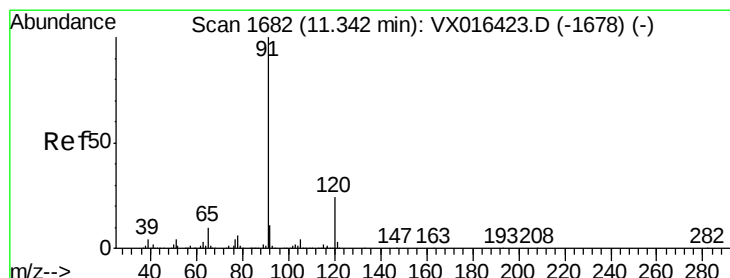
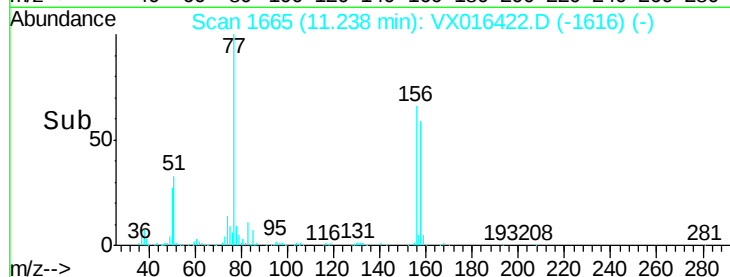
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 15.967 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016422.D

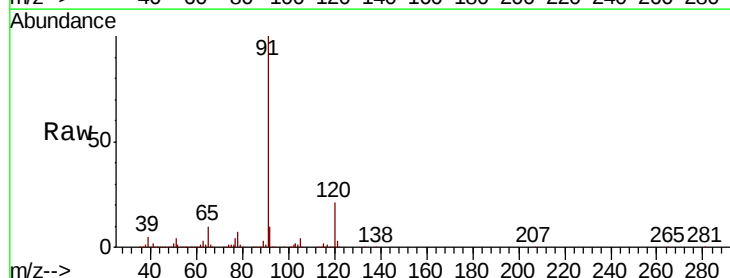
Acq: 26 May 2020 13:17

Tgt Ion: 91 Resp: 162071

Ion Ratio Lower Upper

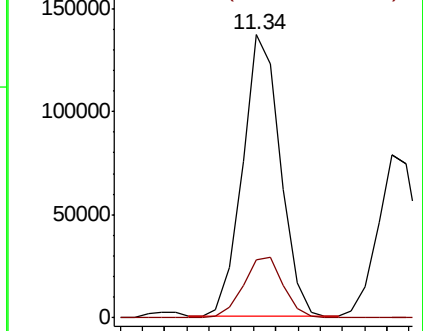
91 100

120 22.8 12.1 36.3

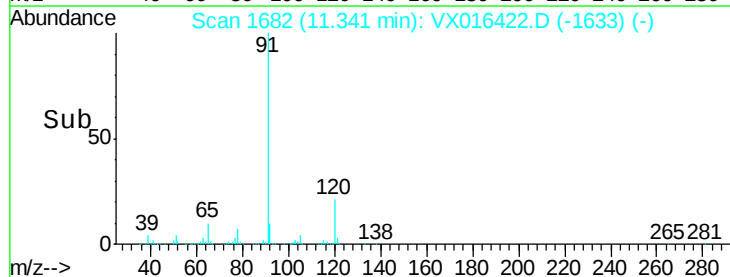


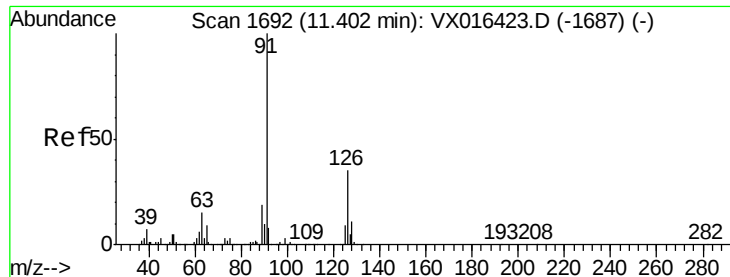
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 16.563 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

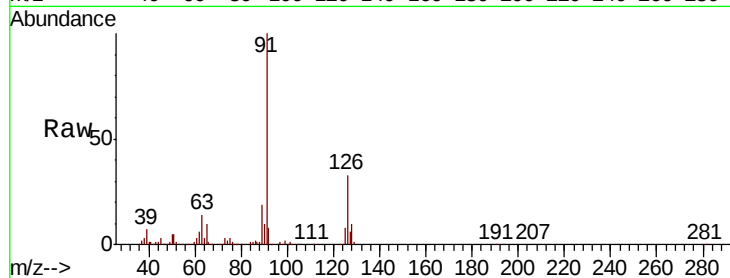
VSTDIC020

Tot Ion: 91 Resp: 99418

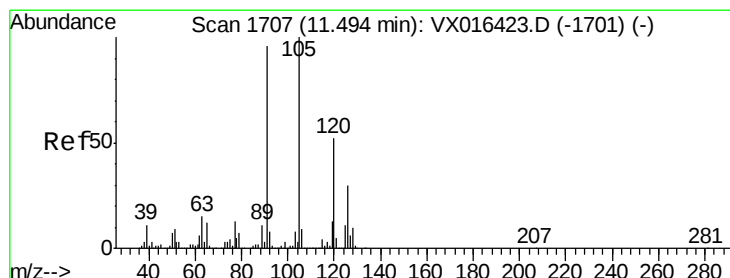
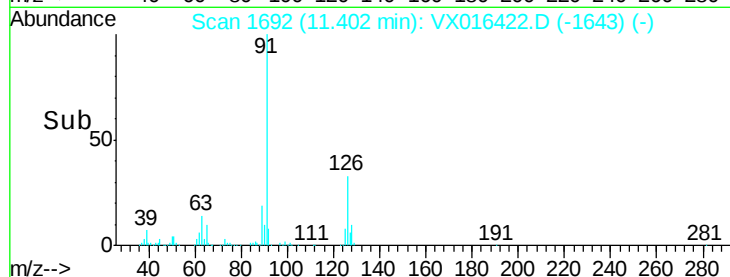
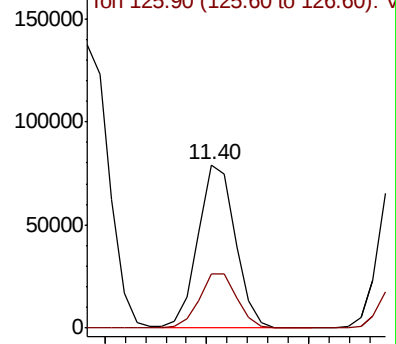
Ion Ratio Lower Upper

91 100

126 34.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX016422.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 16.557 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016422.D

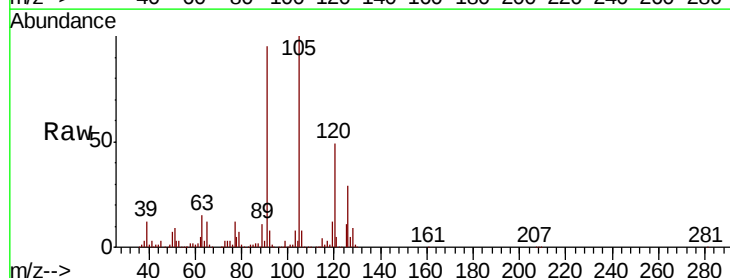
Acq: 26 May 2020 13:17

Tgt Ion:105 Resp: 122196

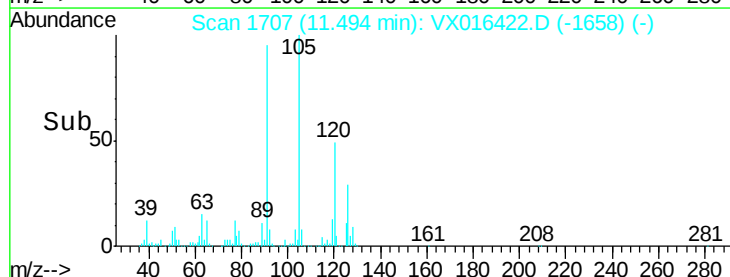
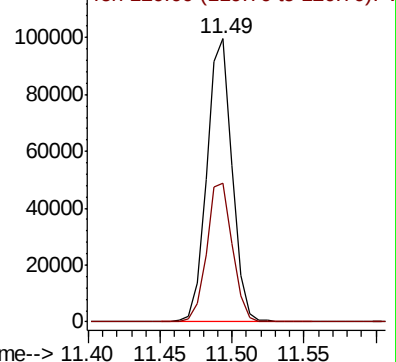
Ion Ratio Lower Upper

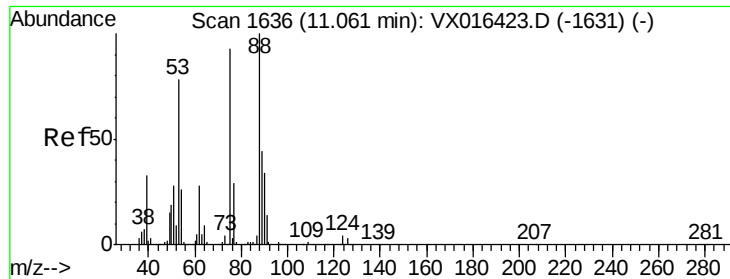
105 100

120 49.6 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX016422.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.052 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

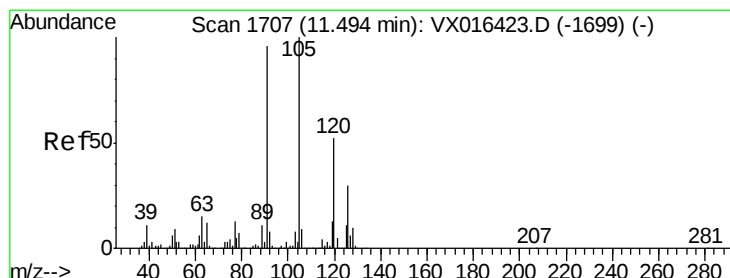
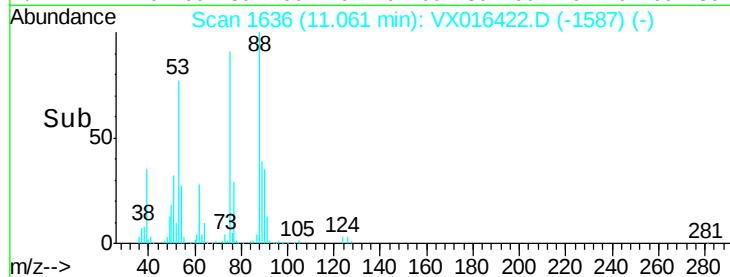
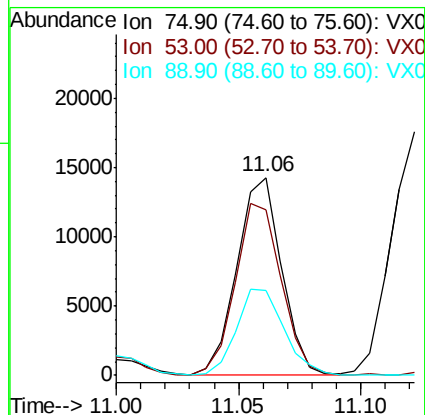
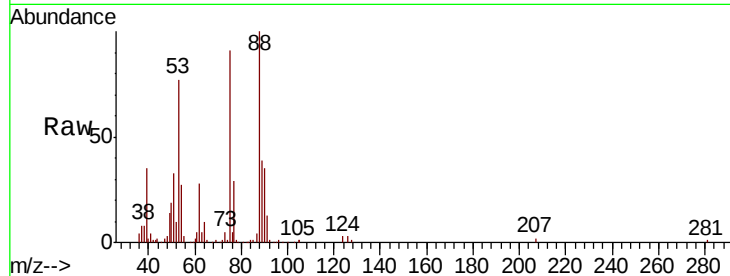
Tot Ion: 75 Resp: 18160

Ion Ratio Lower Upper

75 100

53 88.9 69.4 104.2

89 46.3 37.0 55.6



#82

4-Chlorotoluene

Concen: 16.564 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016422.D

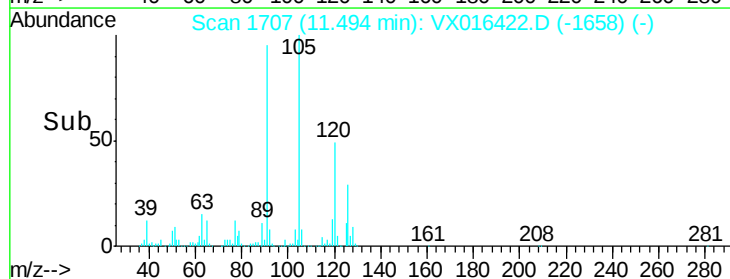
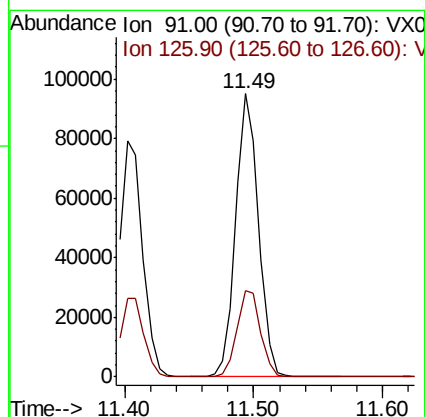
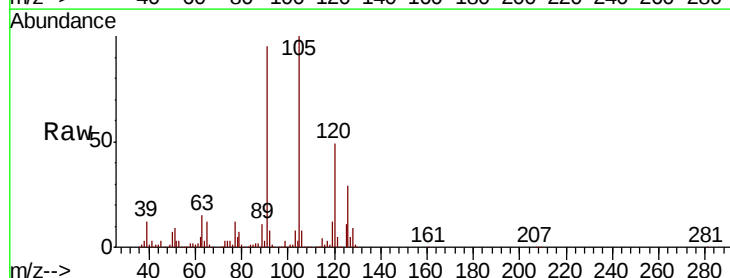
Acq: 26 May 2020 13:17

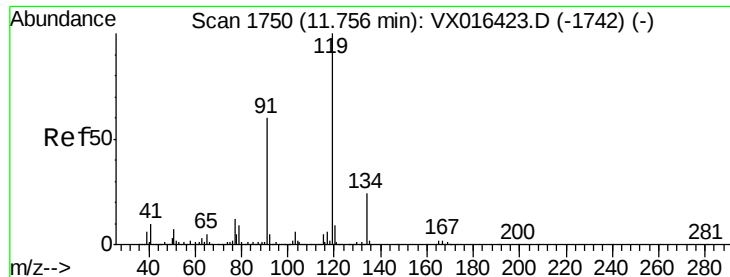
Tgt Ion: 91 Resp: 117519

Ion Ratio Lower Upper

91 100

126 31.7 15.7 47.0





#83

tert-Butylbenzene

Concen: 15.959 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

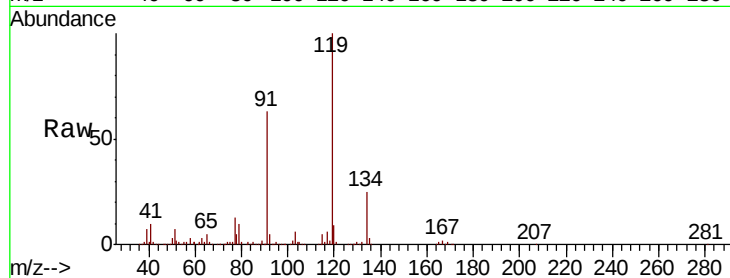
Tot Ion:119 Resp: 101449

Ion Ratio Lower Upper

119 100

91 63.8 30.8 92.3

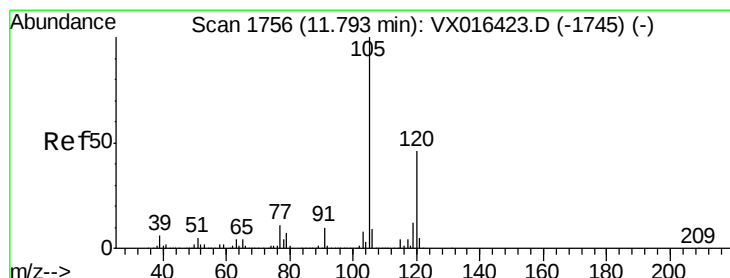
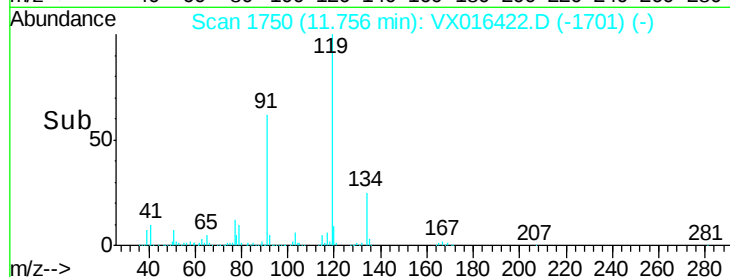
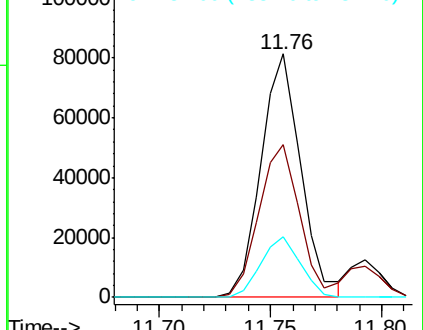
134 24.6 12.3 36.9



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: 16.646 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016422.D

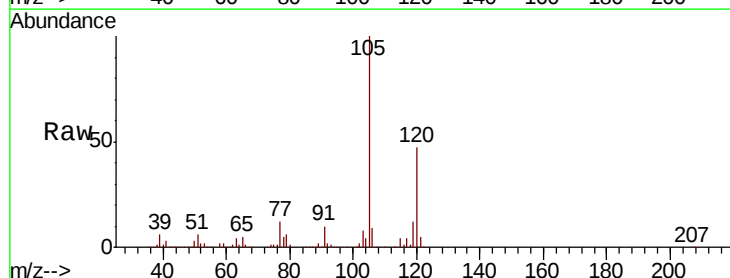
Acq: 26 May 2020 13:17

Tgt Ion:105 Resp: 123939

Ion Ratio Lower Upper

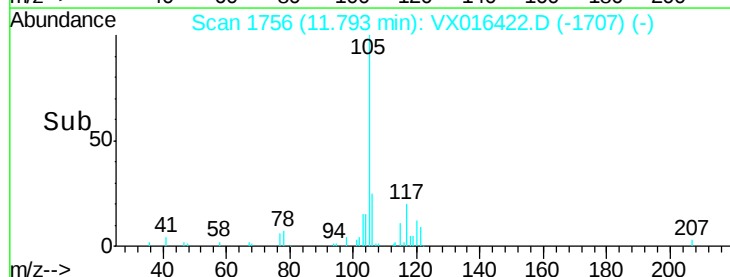
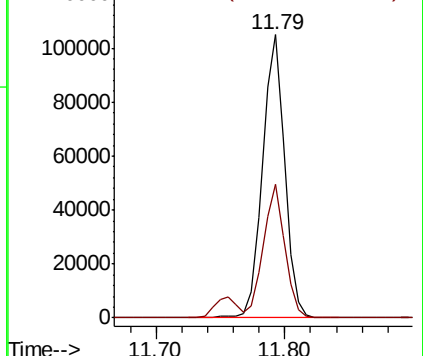
105 100

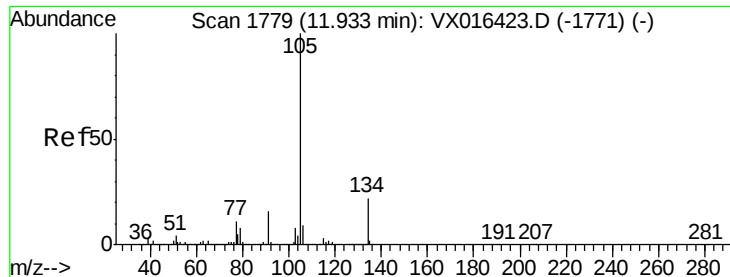
120 45.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 15.379 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

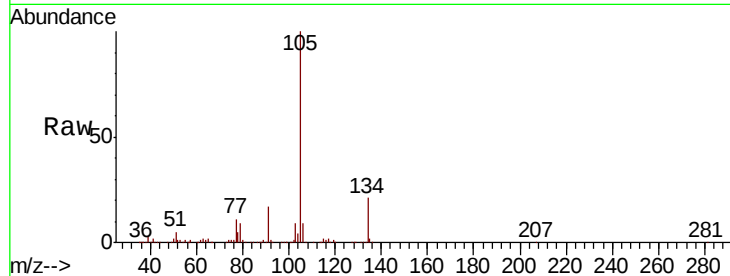
VSTDIC020

Tot Ion:105 Resp: 130793

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

120000

100000

80000

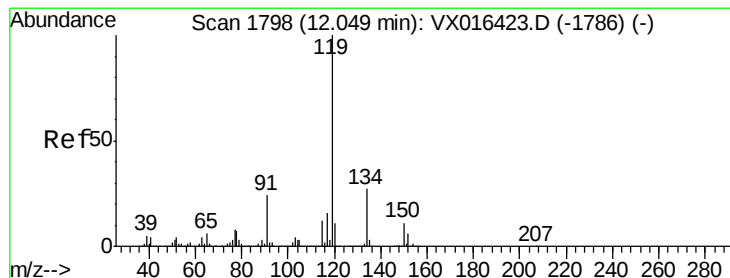
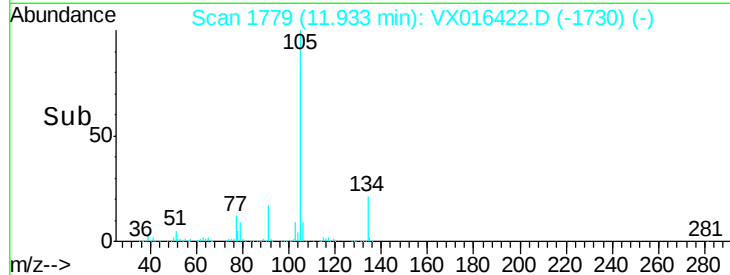
60000

40000

20000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 15.383 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

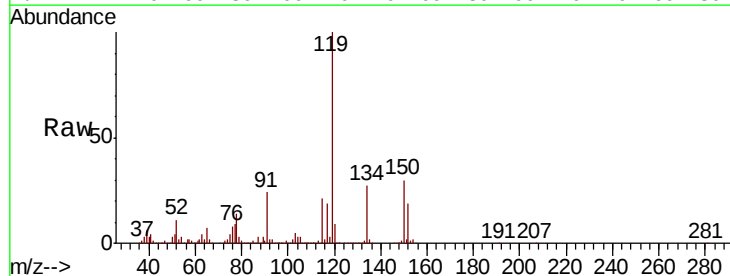
Tgt Ion:119 Resp: 121170

Ion Ratio Lower Upper

119 100

134 26.9 13.8 41.3

91 24.3 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

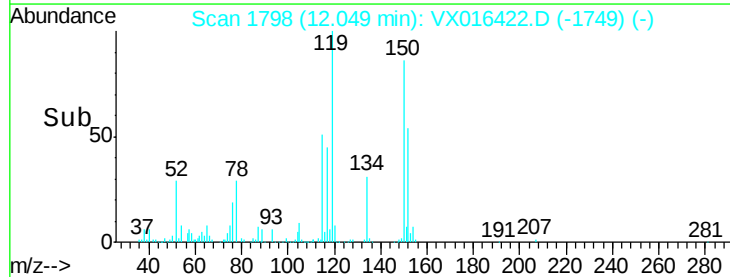
12.05

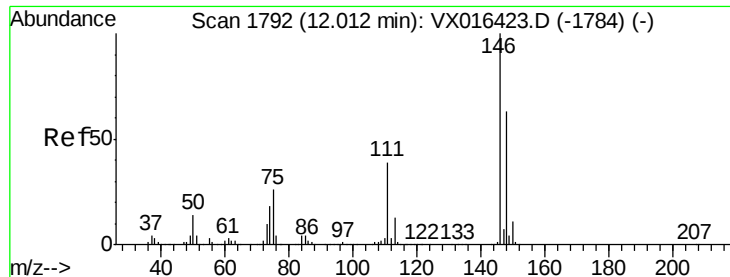
100000

50000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 16.255 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

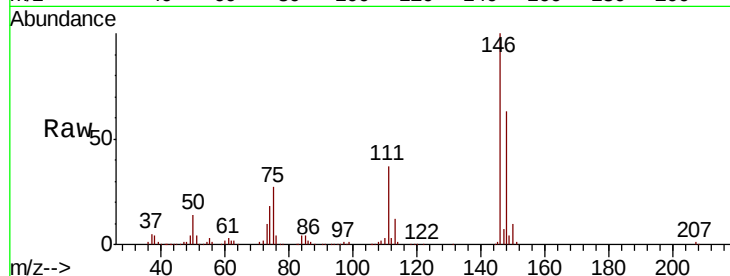
Tot Ion:146 Resp: 65984

Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.2

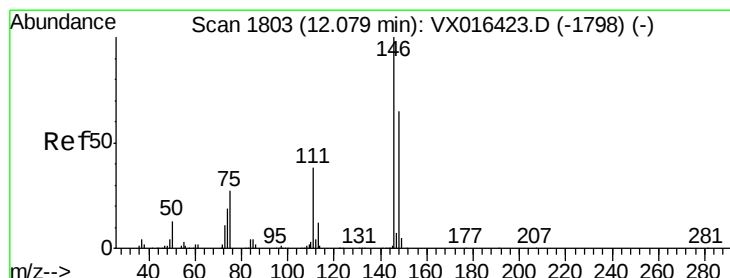
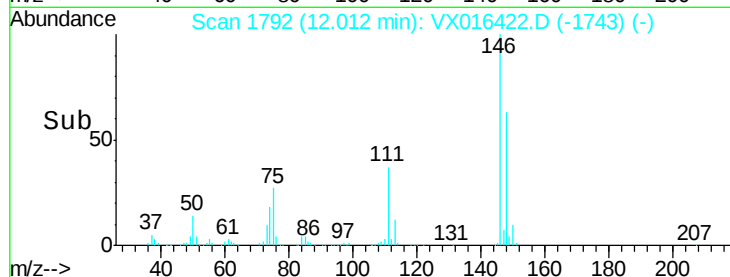
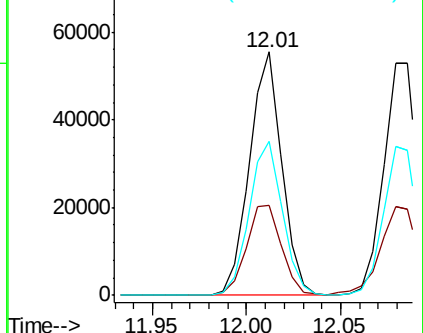
148 65.1 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 16.391 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

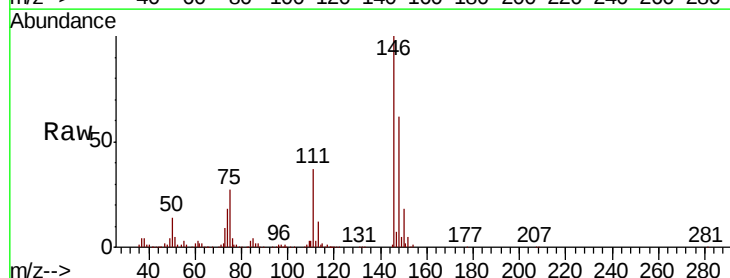
Tgt Ion:146 Resp: 67567

Ion Ratio Lower Upper

146 100

111 41.1 19.2 57.6

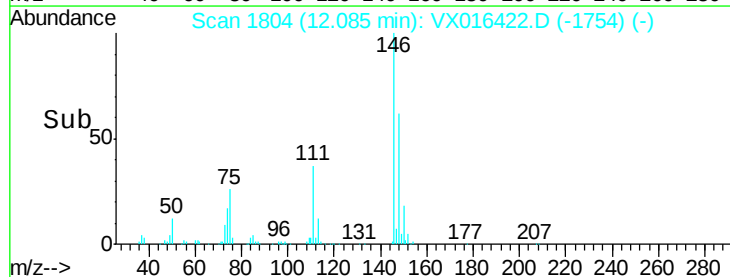
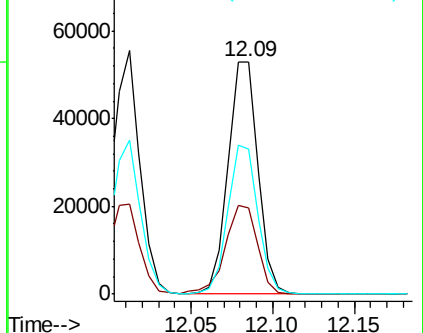
148 64.5 33.1 99.2

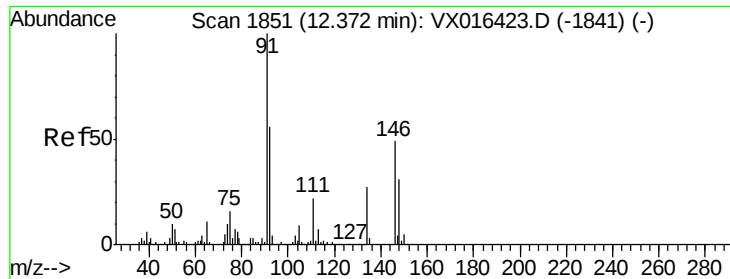


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

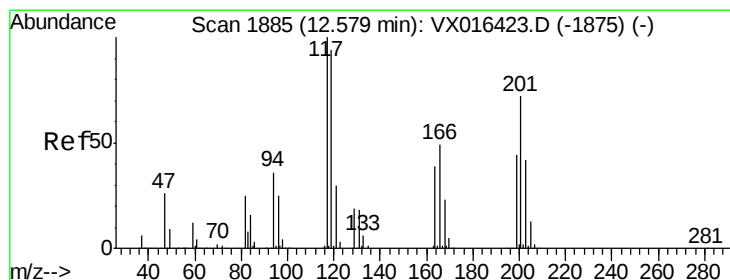
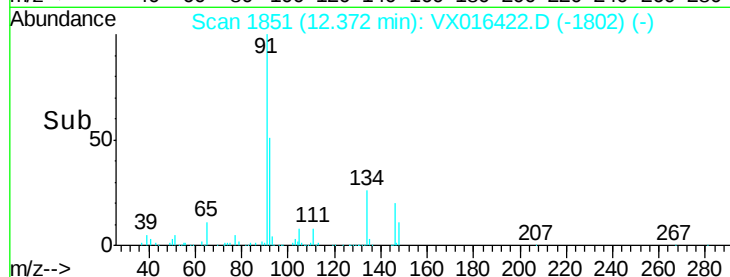
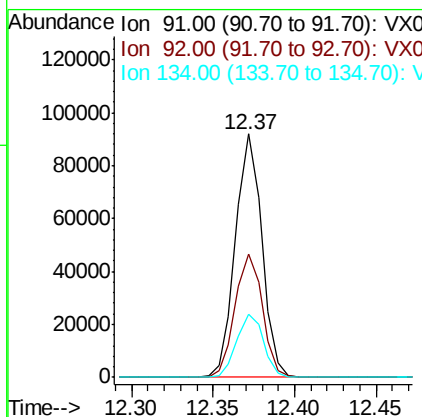
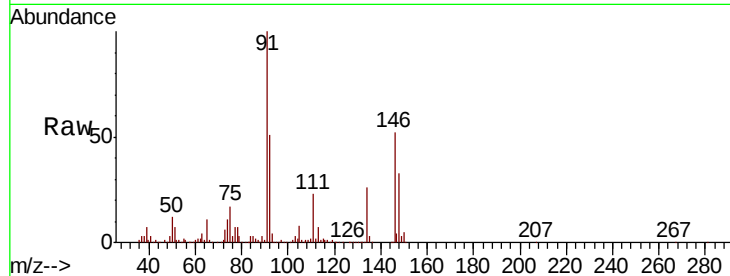




#89
n-Butylbenzene
Concen: 14.574 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

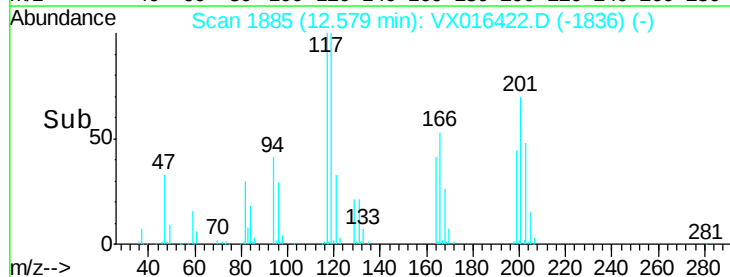
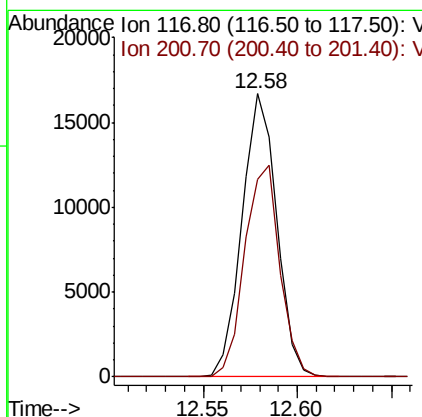
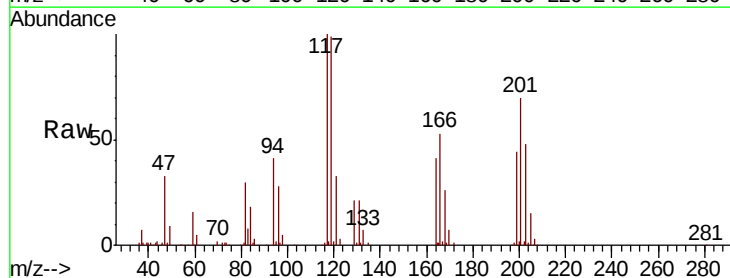
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

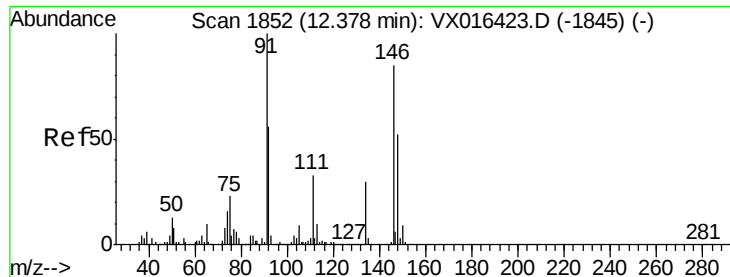
Tot Ion: 91 Resp: 104292
Ion Ratio Lower Upper
91 100
92 52.4 27.6 82.8
134 26.5 13.7 41.1



#90
Hexachloroethane
Concen: 15.727 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016422.D
Acq: 26 May 2020 13:17

Tgt Ion: 117 Resp: 21412
Ion Ratio Lower Upper
117 100
201 75.4 37.6 112.9





#91

1,2-Dichlorobenzene

Concen: 16.545 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

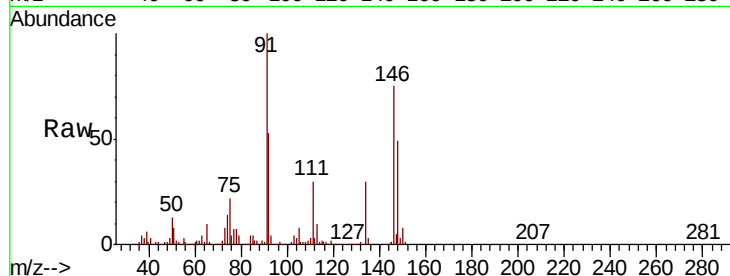
Tot Ion:146 Resp: 64991

Ion Ratio Lower Upper

146 100

111 41.2 20.4 61.3

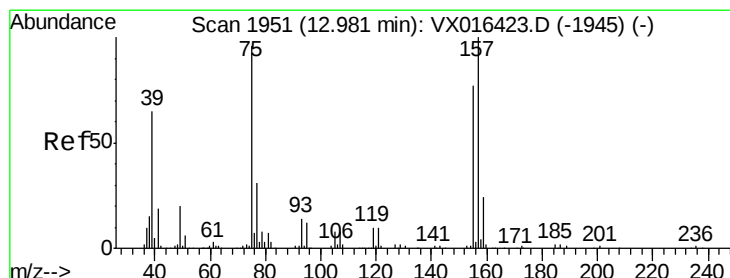
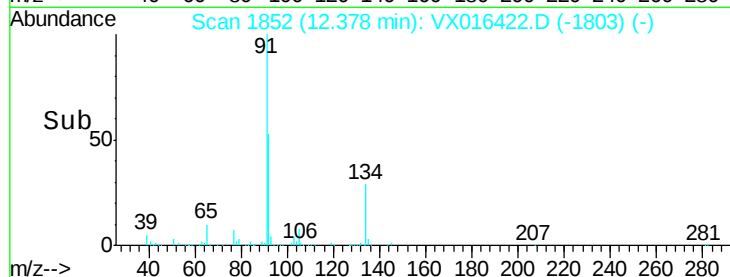
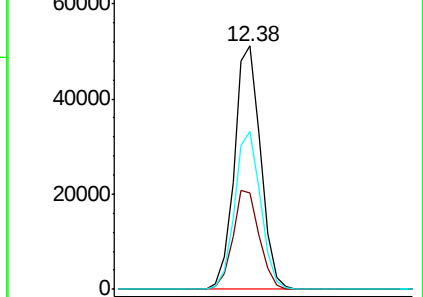
148 64.1 31.6 94.8



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: 15.876 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

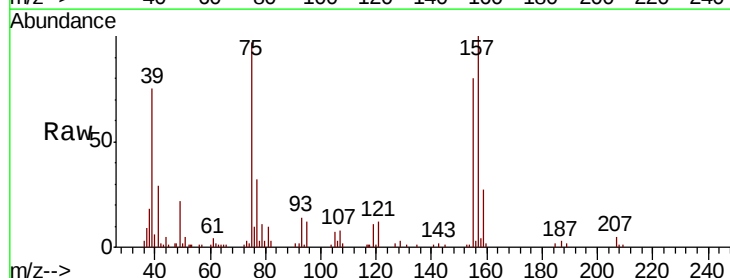
Tgt Ion: 75 Resp: 11359

Ion Ratio Lower Upper

75 100

155 87.0 44.8 134.4

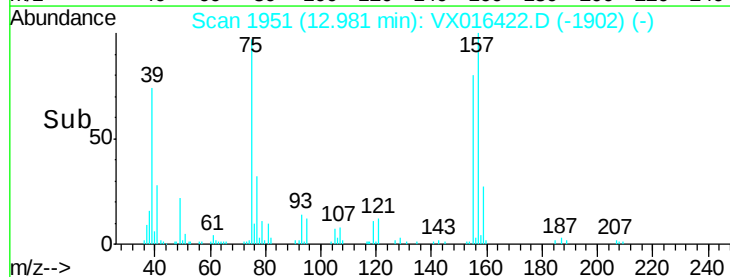
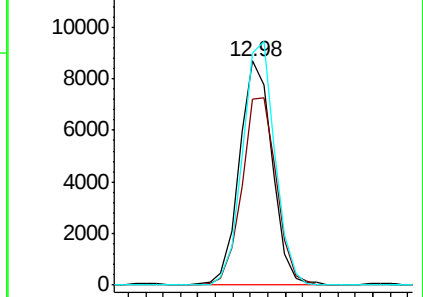
157 106.3 57.8 173.4

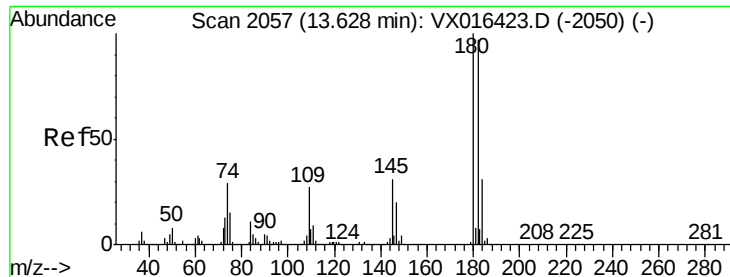


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

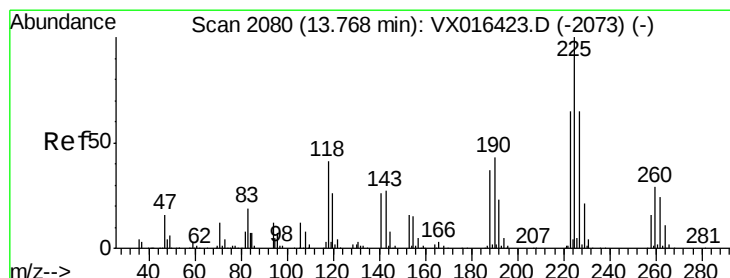
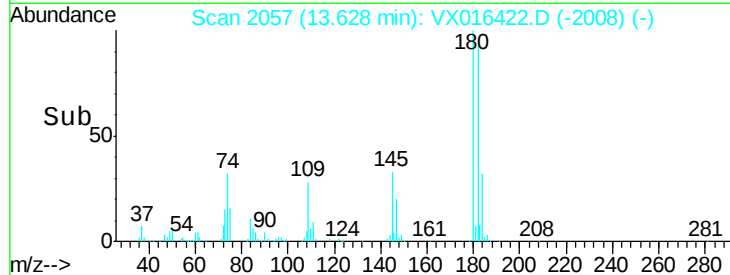
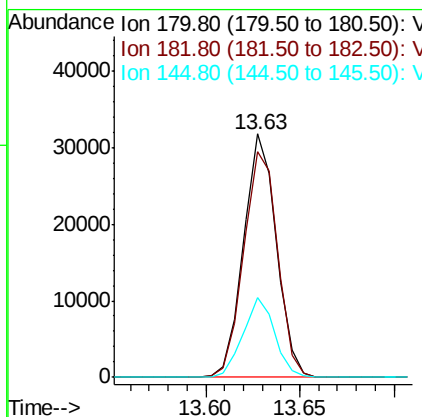
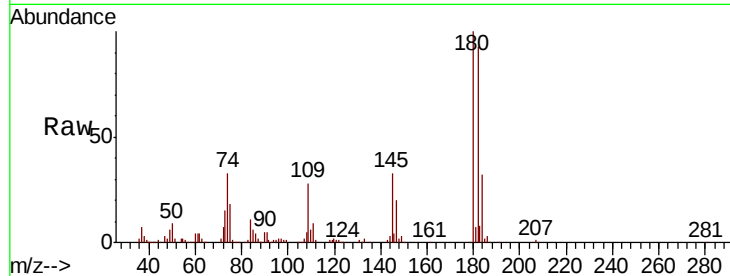




#93
 1,2,4-Trichlorobenzene
 Concen: 13.475 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016422.D
 Acq: 26 May 2020 13:17

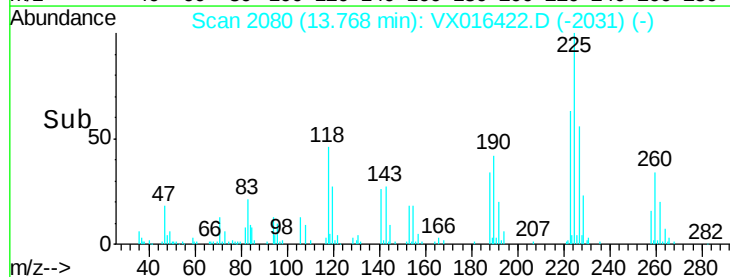
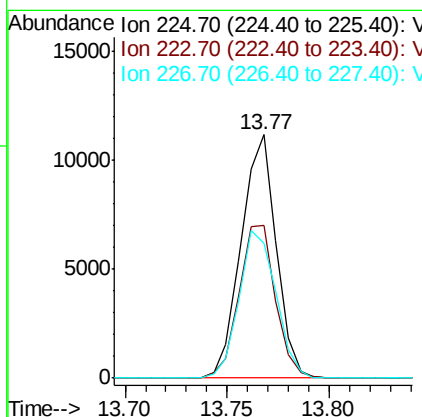
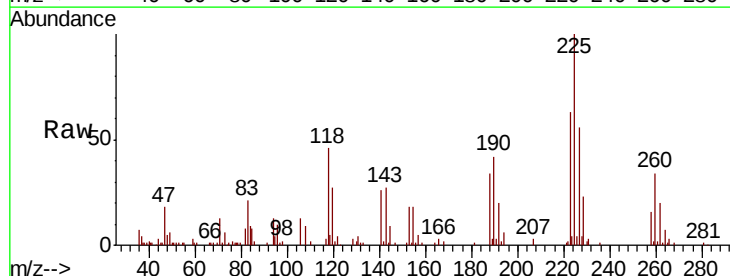
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

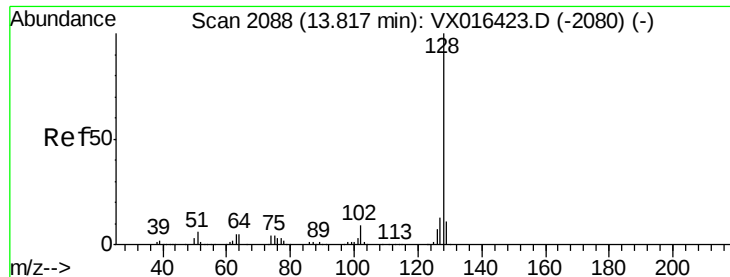
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.6	145.8
145	31.8	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 10.491 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016422.D
 Acq: 26 May 2020 13:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	32.6	98.0
227	63.6	32.5	97.4





#95

Naphthalene

Concen: 15.316 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

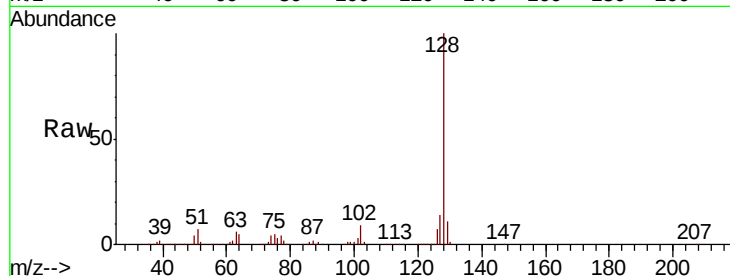
Tot Ion:128 Resp: 142878

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

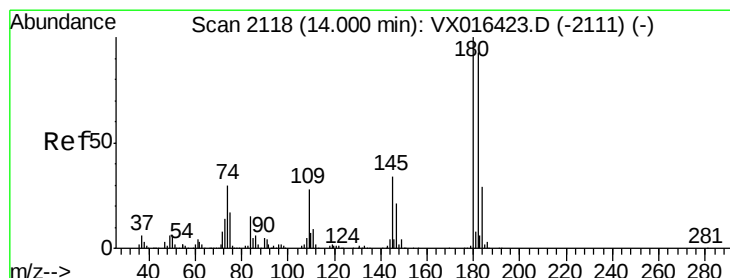
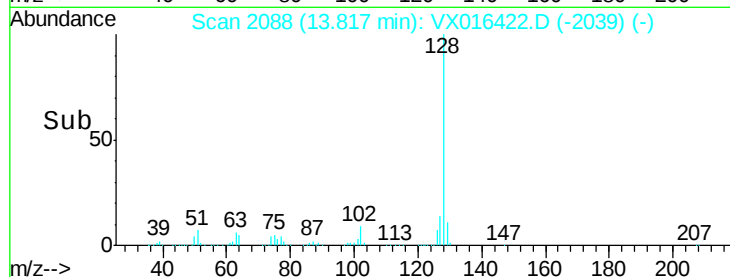
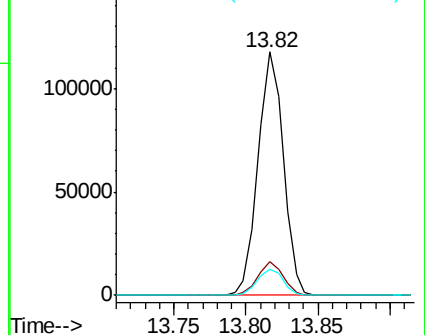
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 13.498 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016422.D

Acq: 26 May 2020 13:17

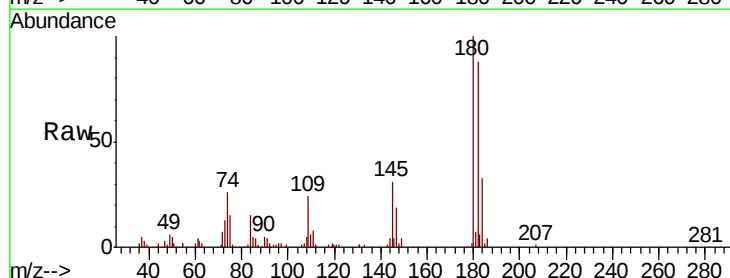
Tgt Ion:180 Resp: 37399

Ion Ratio Lower Upper

180 100

182 89.7 48.2 144.6

145 33.8 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

