

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015908.D
 Acq On : 23 Apr 2020 22:41
 Operator : JC/SP
 Sample : PB128425TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128425TB

Quant Time: Apr 24 03:39:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	853602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1274363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1224842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	695473	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	473728	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
35) Dibromofluoromethane	5.47	113	375793	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
50) Toluene-d8	8.70	98	1555317	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	11.12	95	652114	53.68	ug/l	0.00
Spiked Amount			Recovery	=	107.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	1469	0.201	ug/l #	67
8) Diethyl Ether	2.16	74	1576	0.362	ug/l	74
10) Methyl Iodide	2.49	142	1808	0.201	ug/l #	47
11) Tert butyl alcohol	3.01	59	2943	1.484	ug/l #	41
13) Acrolein	2.27	56	1305	1.112	ug/l #	45
14) Allyl chloride	2.70	41	3240	0.204	ug/l #	57
16) Acetone	2.42	43	62725	14.838	ug/l	100
17) Carbon Disulfide	2.55	76	16842	0.620	ug/l #	88
18) Methyl Acetate	2.75	43	10611	0.760	ug/l	100
20) Methylene Chloride	2.84	84	46321	5.398	ug/l	96
23) Vinyl Acetate	3.79	43	6701	0.283	ug/l #	75
25) 2-Butanone	4.64	43	32140	4.810	ug/l	91
29) Tetrahydrofuran	5.11	42	2626	0.594	ug/l #	79
36) 1,1-Dichloropropene	5.63	75	56662	5.015	ug/l #	53
37) Ethyl Acetate	4.80	43	3482	0.259	ug/l #	79
38) Carbon Tetrachloride	5.64	117	78065	7.015	ug/l #	18
39) Methylcyclohexane	7.43	83	2944	0.206	ug/l #	78
42) 1,2-Dichloroethane	6.17	62	3473	0.283	ug/l	98
43) Isopropyl Acetate	6.42	43	276667	12.199	ug/l	99
48) Methyl methacrylate	7.65	41	15754	1.412	ug/l #	19
49) 1,4-Dioxane	7.72	88	917	4.349	ug/l #	21
51) 4-Methyl-2-Pentanone	8.59	43	271193	20.716	ug/l #	48
52) Toluene	8.77	92	6661	0.305	ug/l	90
54) cis-1,3-Dichloropropene	8.59	75	116368	7.663	ug/l #	55
58) 2-Chloroethyl Vinyl ether	8.29	63	3371	0.468	ug/l	89
59) 2-Hexanone	9.42	43	254494	25.518	ug/l #	25
68) m/p-Xylenes	10.34	106	5104	0.316	ug/l	91
74) N-amyl acetate	10.81	43	14157	0.621	ug/l #	53
76) 1,2,3-Trichloropropane	11.12	75	321855	24.337	ug/l #	36
78) n-propylbenzene	11.34	91	11096	0.219	ug/l	78
80) 1,3,5-Trimethylbenzene	11.49	105	23970	0.636	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	321855	58.543	ug/l #	12
82) 4-Chlorotoluene	11.49	91	7877	0.218	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	8845	0.226	ug/l	98

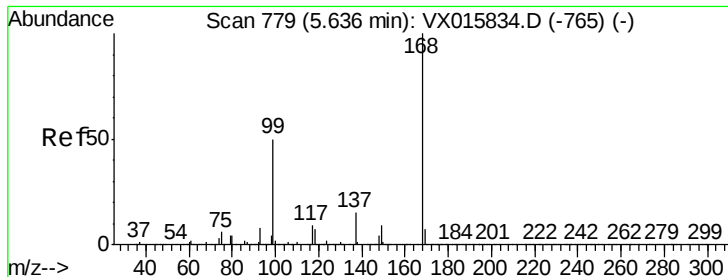
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015908.D
Acq On : 23 Apr 2020 22:41
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Quant Time: Apr 24 03:39:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.01	146	4576	0.207	ug/l	85
88) 1,4-Dichlorobenzene	12.01	146	4647	0.210	ug/l	92
89) n-Butylbenzene	12.37	91	11124	0.302	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	6332	0.382	ug/l	91
94) Hexachlorobutadiene	13.77	225	3317	0.447	ug/l	90
95) Naphthalene	13.82	128	15088	0.317	ug/l	96
96) 1,2,3-Trichlorobenzene	14.01	180	5629	0.349	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :

MSVOA_X

ClientSampleId :

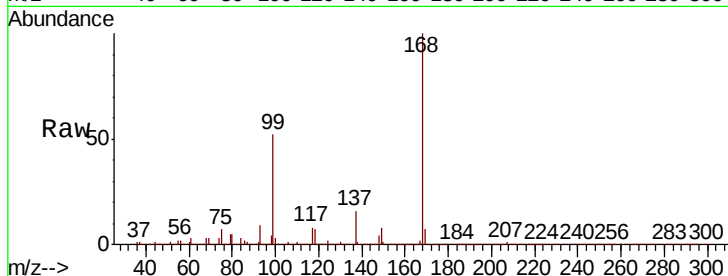
PB128425TB

Tot Ion:168 Resp: 853602

Ion Ratio Lower Upper

168 100

99 51.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

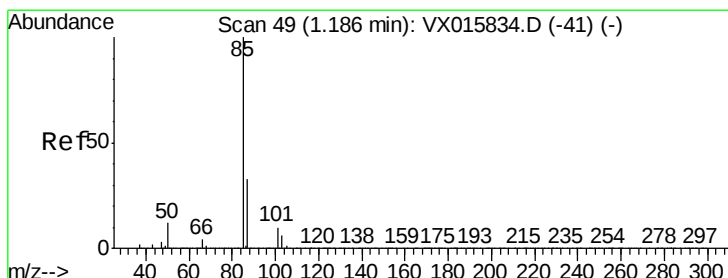
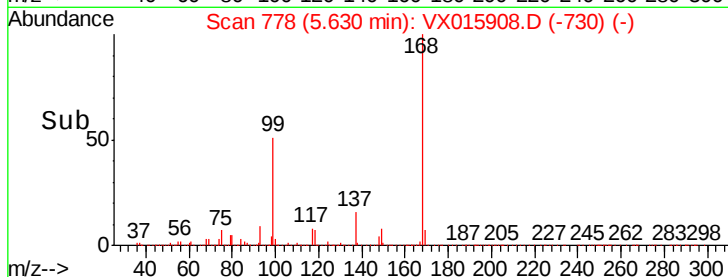
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.201 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015908.D

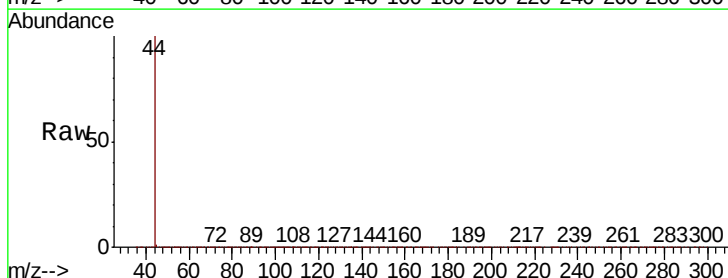
Acq: 23 Apr 2020 22:41

Tgt Ion: 85 Resp: 1469

Ion Ratio Lower Upper

85 100

87 51.3 16.4 49.2#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

800

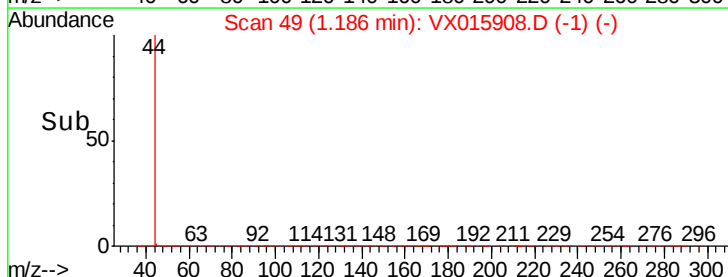
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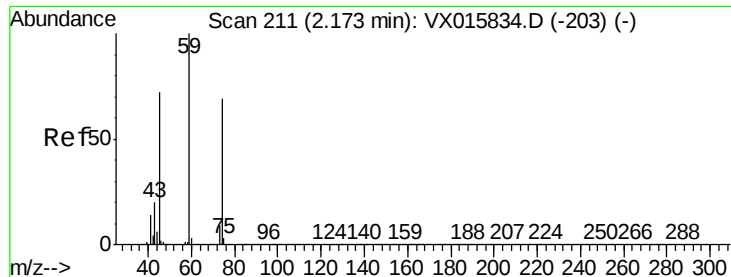
400

200

0

Time-->





#8

Diethyl Ether

Concen: 0.362 ug/l

RT: 2.16 min Scan# 208

Delta R.T. -0.02 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :

MSVOA_X

ClientSampled :

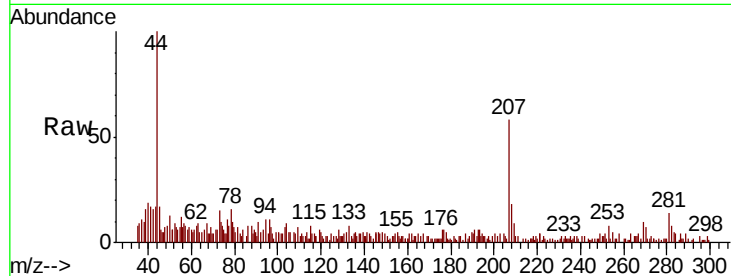
PB128425TB

Tot Ion: 74 Resp: 1576

Ion Ratio Lower Upper

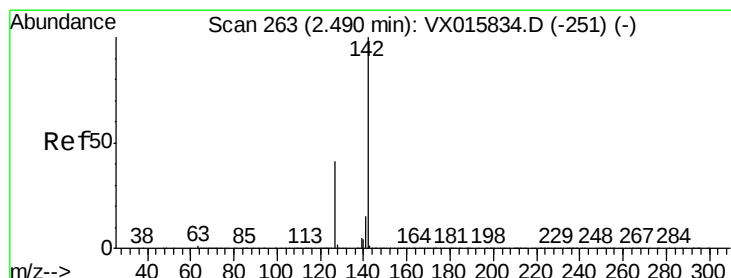
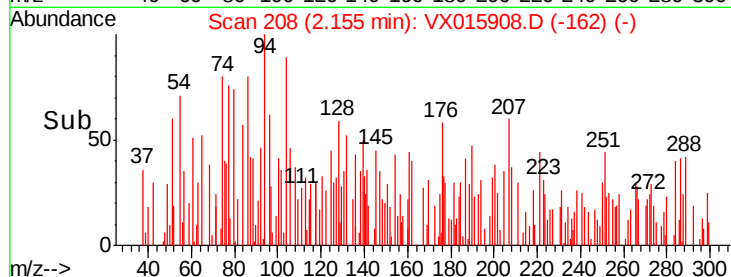
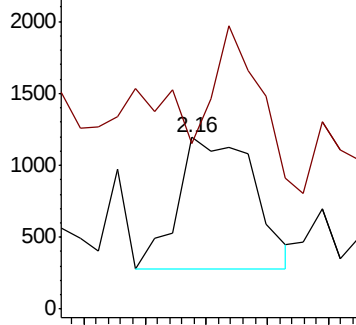
74 100

45 80.2 53.8 161.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 0.201 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

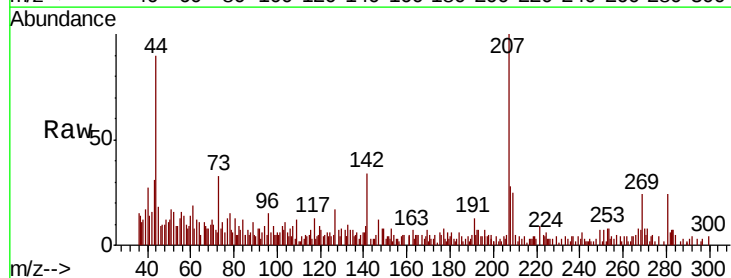
Tgt Ion: 142 Resp: 1808

Ion Ratio Lower Upper

142 100

127 21.4 33.3 49.9#

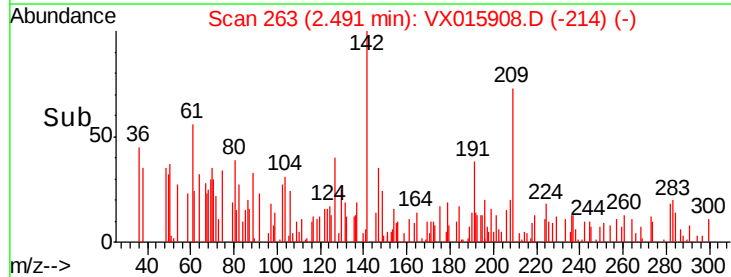
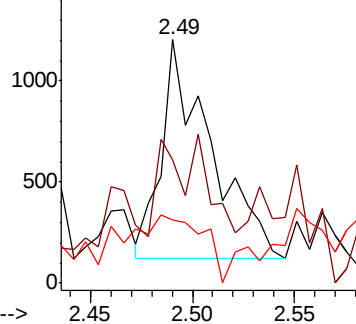
141 61.7 11.8 17.6#

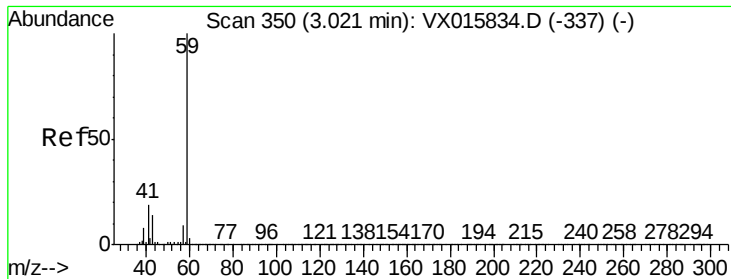


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

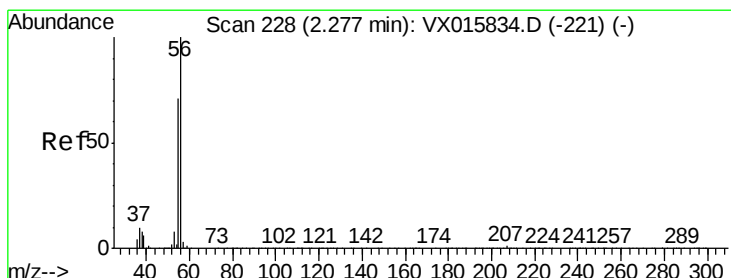
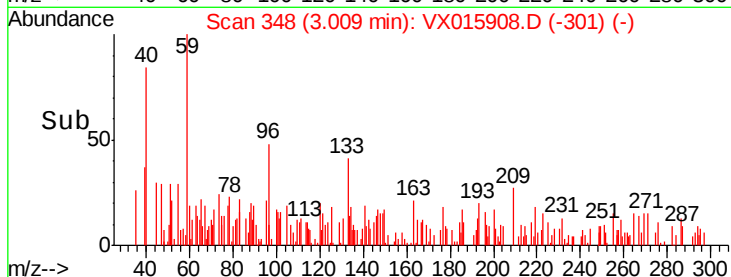
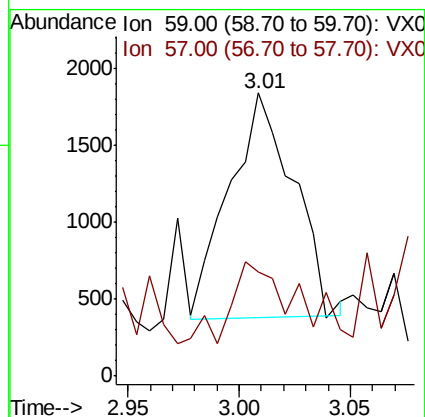
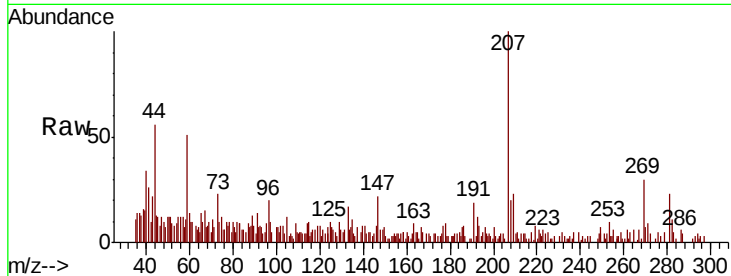




#11
Tert butyl alcohol
Concen: 1.484 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

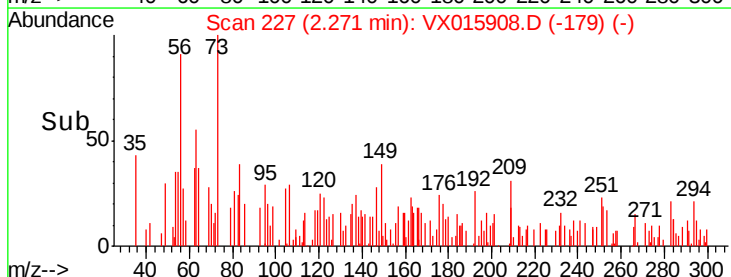
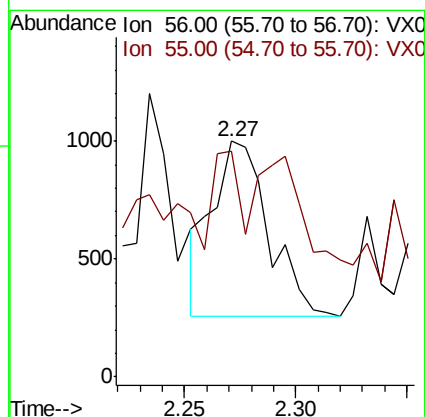
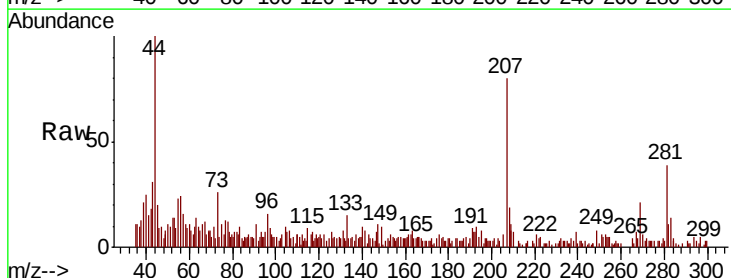
Instrument :
MSVOA_X
ClientSampled :
PB128425TB

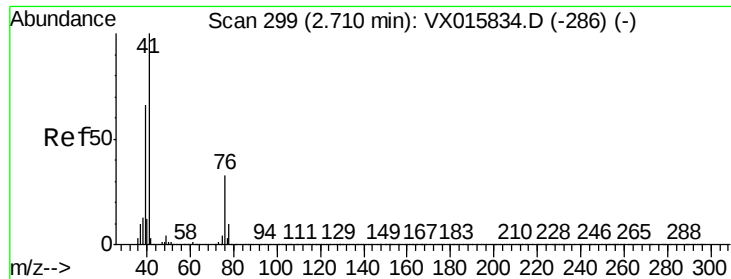
Tot Ion: 59 Resp: 2943
Ion Ratio Lower Upper
59 100
57 32.3 8.2 12.2#



#13
Acrolein
Concen: 1.112 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

Tgt Ion: 56 Resp: 1305
Ion Ratio Lower Upper
56 100
55 25.0 56.1 84.1#

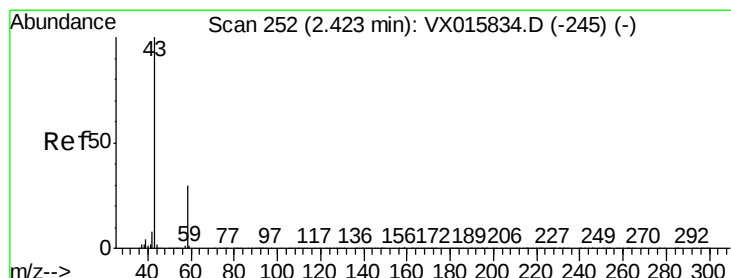
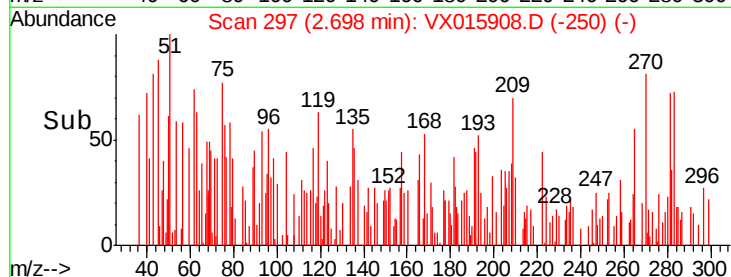
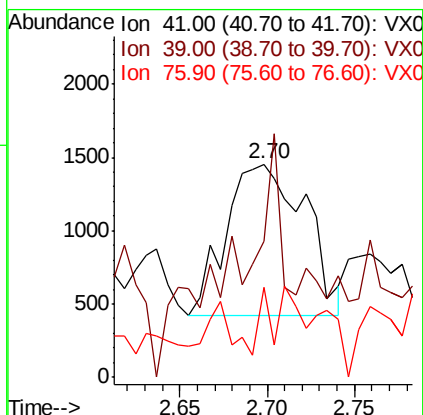
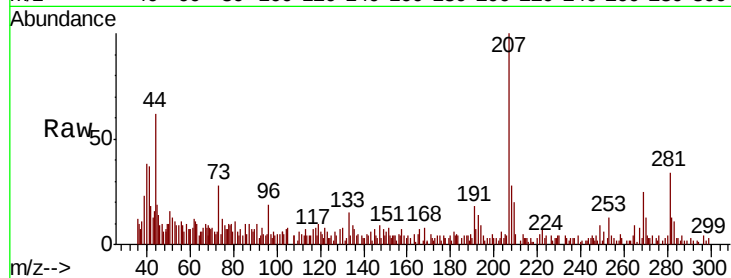




#14
Allvl chloride
Concen: 0.204 ug/l
RT: 2.70 min Scan# 297
Delta R.T. -0.01 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

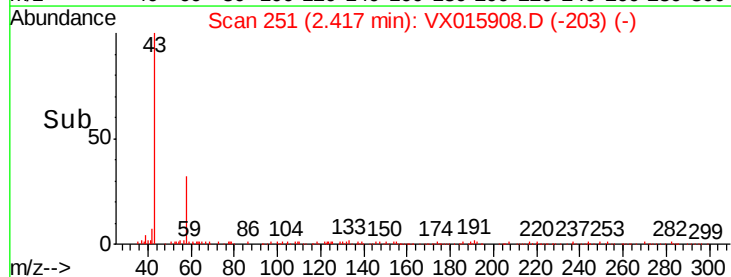
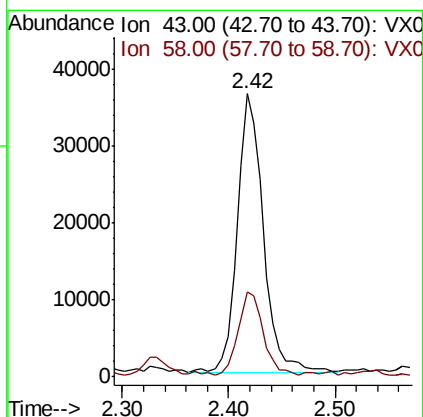
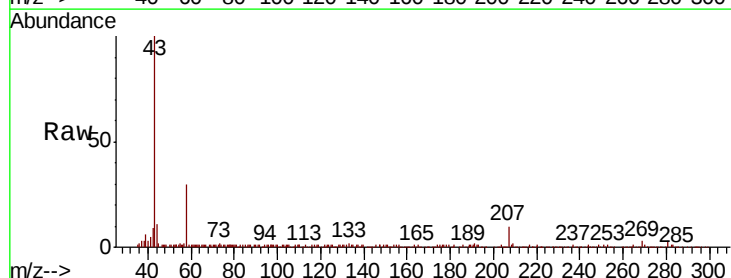
Instrument :
MSVOA_X
ClientSampled :
PB128425TB

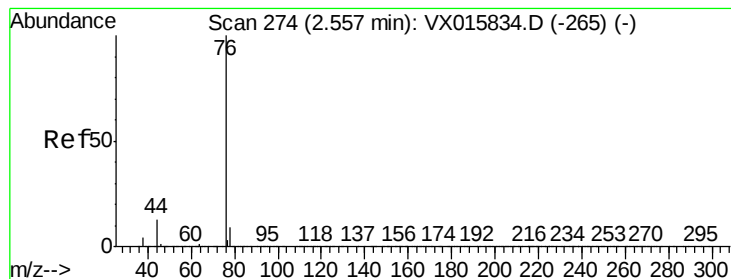
Tot Ion: 41 Resp: 3240
Ion Ratio Lower Upper
41 100
39 20.0 48.4 72.6#
76 17.2 23.8 35.8#



#16
Acetone
Concen: 14.838 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

Tgt Ion: 43 Resp: 62725
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0





#17

Carbon Disulfide

Concen: 0.620 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :

MSVOA_X

ClientSampleId :

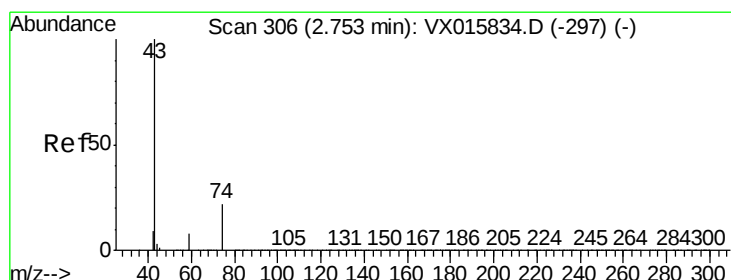
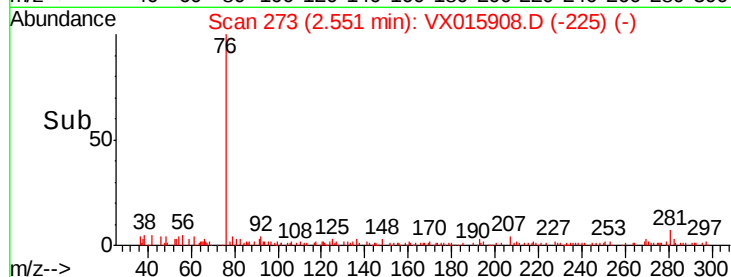
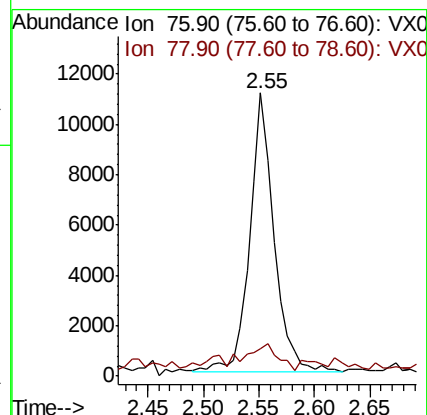
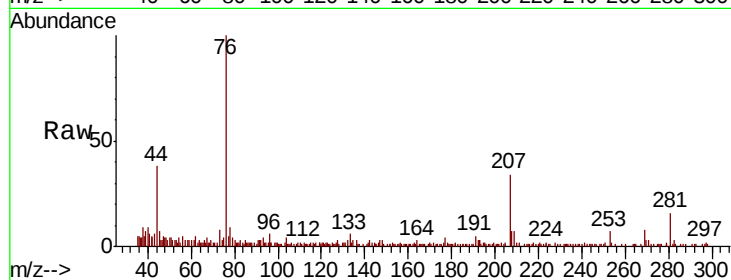
PB128425TB

Tot Ion: 76 Resp: 16842

Ion Ratio Lower Upper

76 100

78 4.9 7.4 11.2#



#18

Methyl Acetate

Concen: 0.760 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015908.D

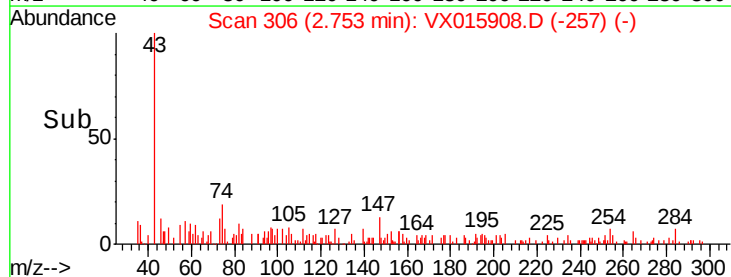
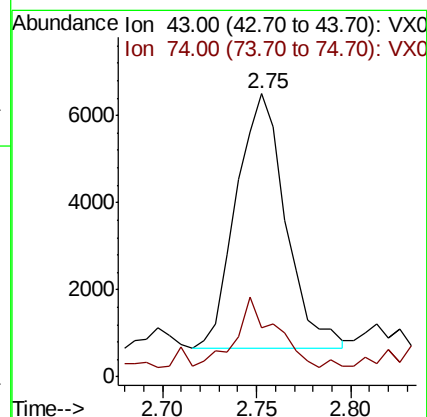
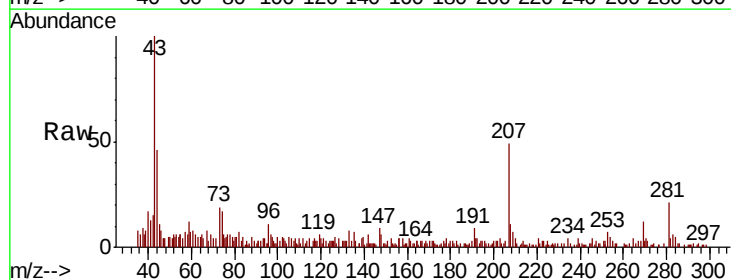
Acq: 23 Apr 2020 22:41

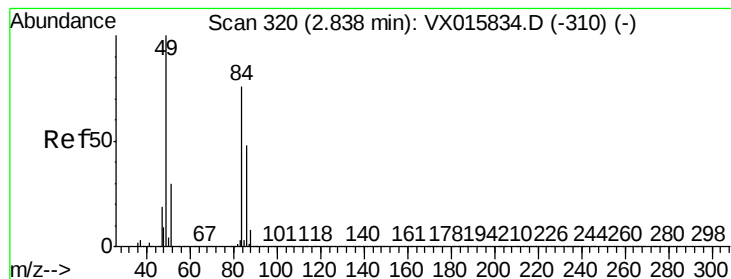
Tgt Ion: 43 Resp: 10611

Ion Ratio Lower Upper

43 100

74 22.4 17.9 26.9





#20

Methvlene Chloride

Concen: 5.398 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.00 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :

MSVOA_X

ClientSampleId :

PB128425TB

Tot Ion: 84 Resp: 46321

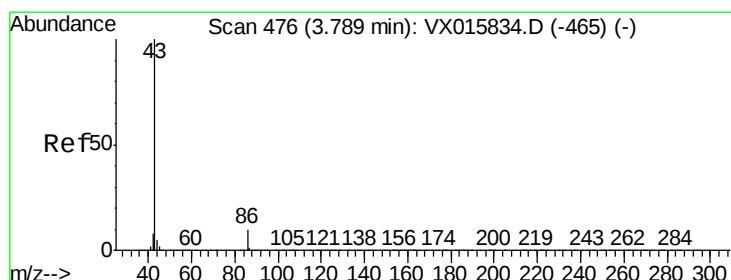
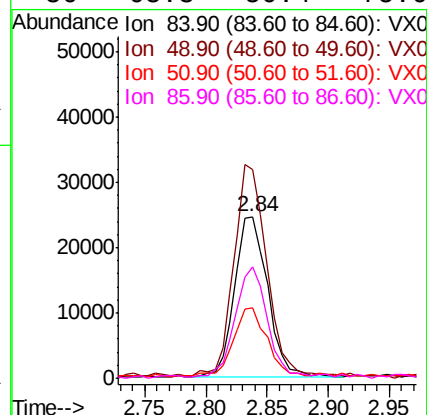
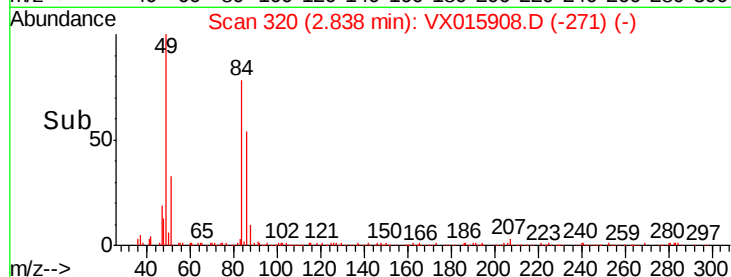
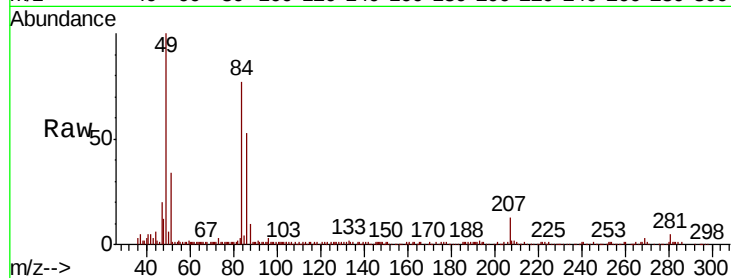
Ion Ratio Lower Upper

84 100

49 128.7 104.9 157.3

51 42.2 32.0 48.0

86 68.3 50.4 75.6



#23

Vinyl Acetate

Concen: 0.283 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015908.D

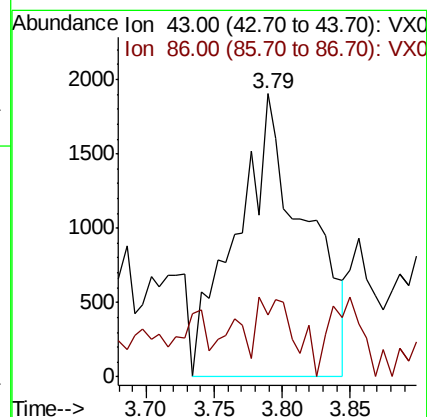
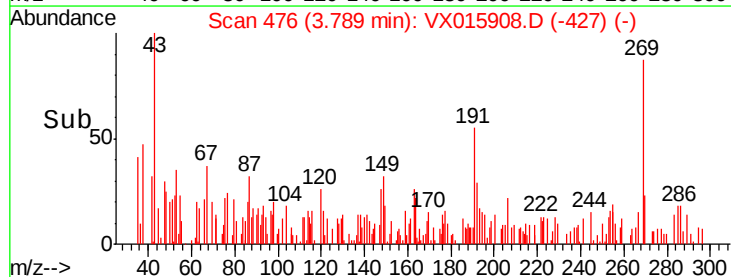
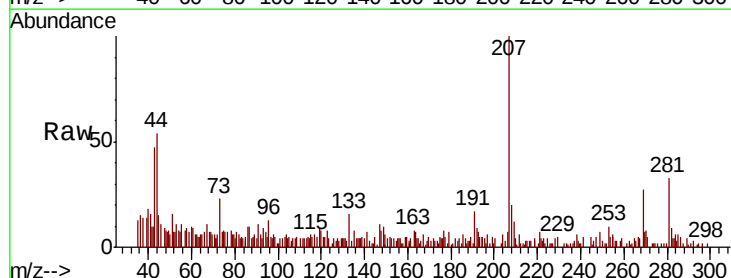
Acq: 23 Apr 2020 22:41

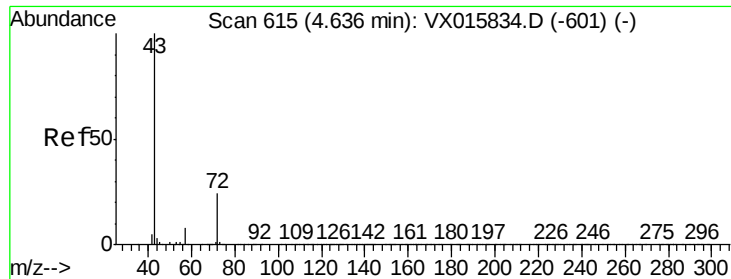
Tgt Ion: 43 Resp: 6701

Ion Ratio Lower Upper

43 100

86 0.9 8.0 12.0#

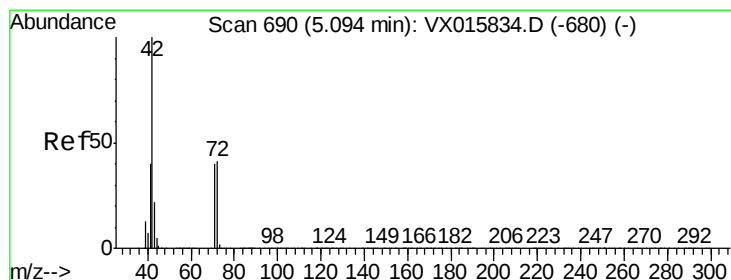
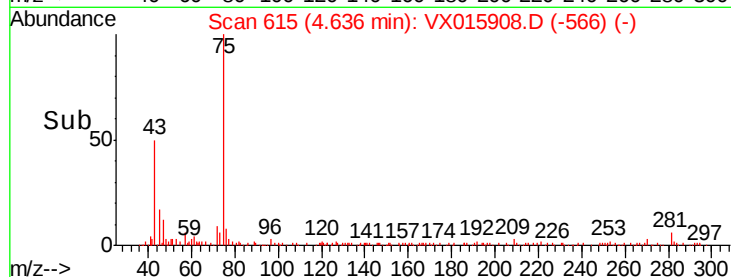
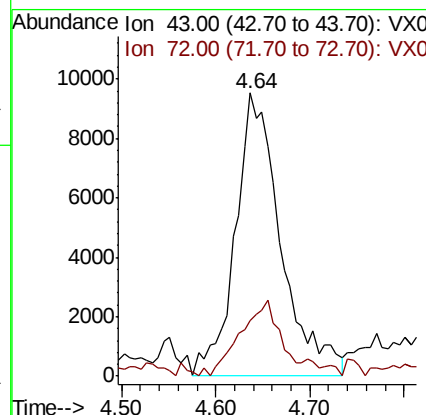
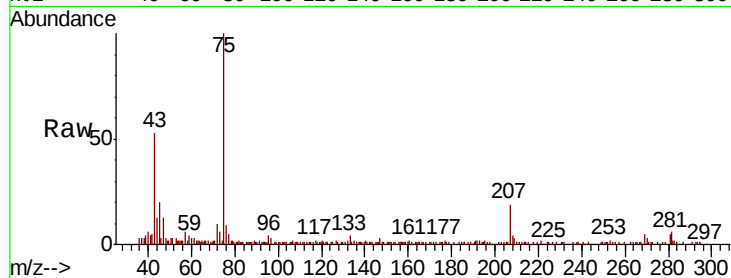




#25
2-Butanone
Concen: 4.810 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

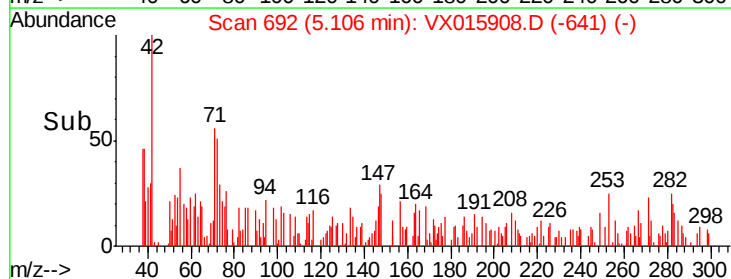
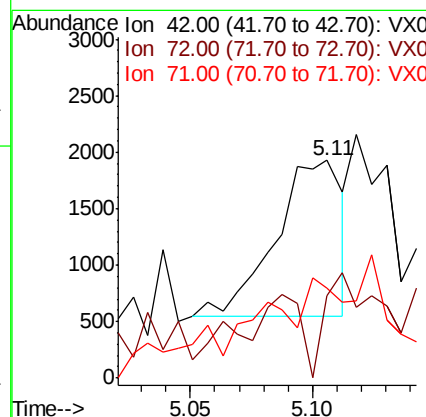
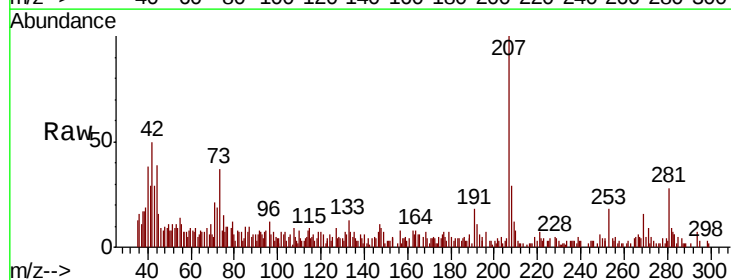
Instrument :
MSVOA_X
ClientSampled :
PB128425TB

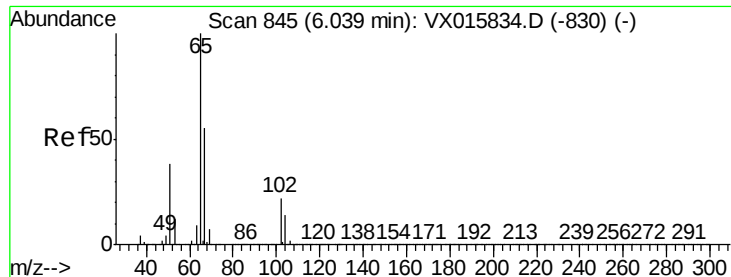
Tot Ion: 43 Resp: 32140
Ion Ratio Lower Upper
43 100
72 19.6 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.594 ug/l
RT: 5.11 min Scan# 692
Delta R.T. 0.01 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

Tgt Ion: 42 Resp: 2626
Ion Ratio Lower Upper
42 100
72 56.4 33.0 49.6#
71 49.2 30.6 45.8#





#33

1,2-Dichloroethane-d4

Concen: 48.795 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :

MSVOA_X

ClientSampleId :

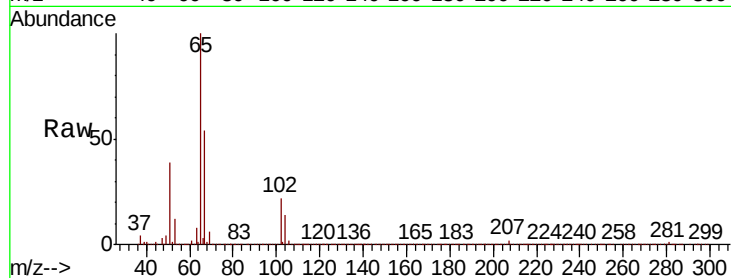
PB128425TB

Tot Ion: 65 Resp: 473728

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

200000

150000

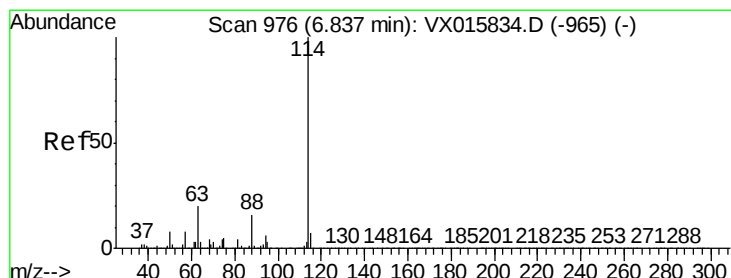
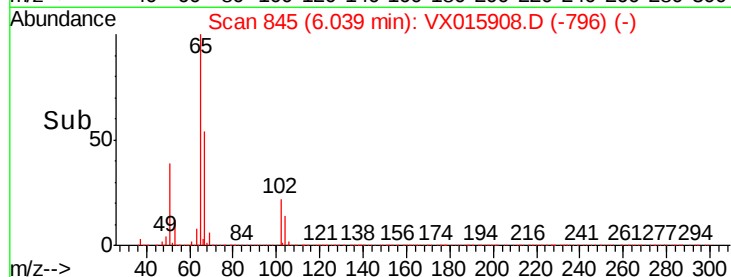
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Tgt Ion: 114 Resp: 1274363

Ion Ratio Lower Upper

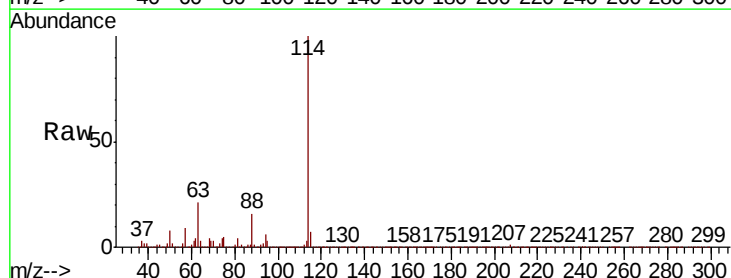
114 100

63 21.3

88 16.2

0.0 40.6

0.0 32.8



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

6.83

600000

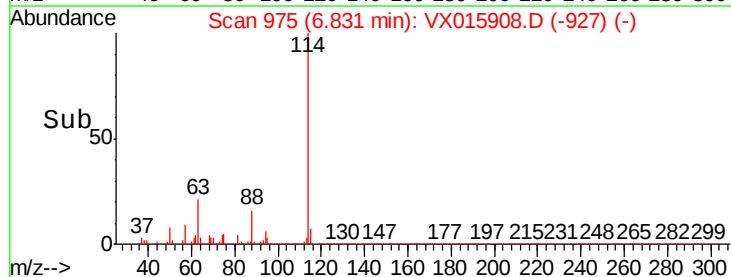
400000

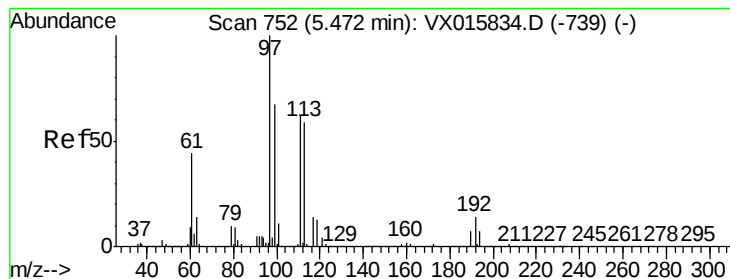
200000

0

Time-->

6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 51.087 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :

MSVOA_X

ClientSampleId :

PB128425TB

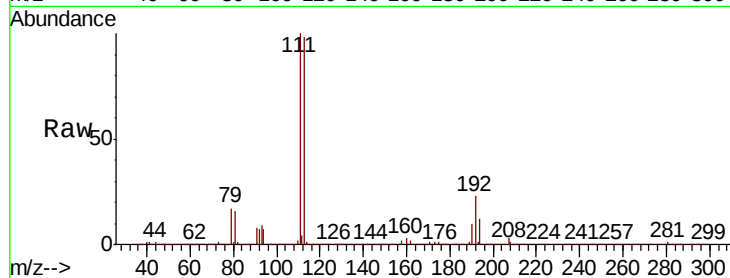
Tot Ion:113 Resp: 375793

Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

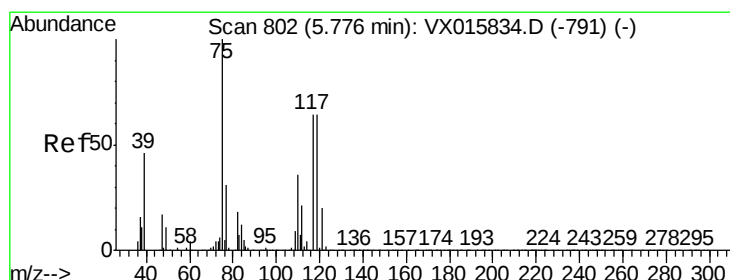
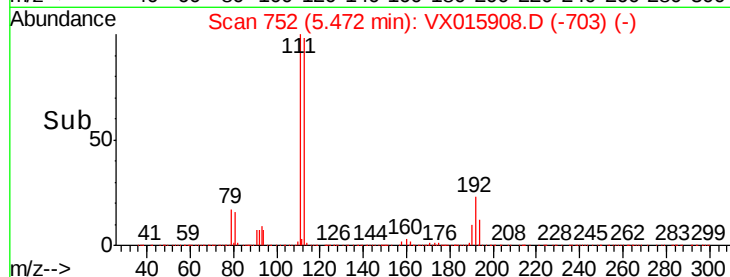
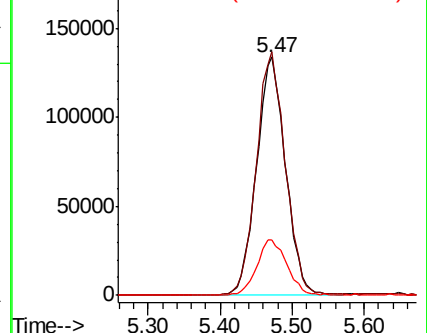
192 24.1 19.3 28.9



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: 5.015 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.15 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

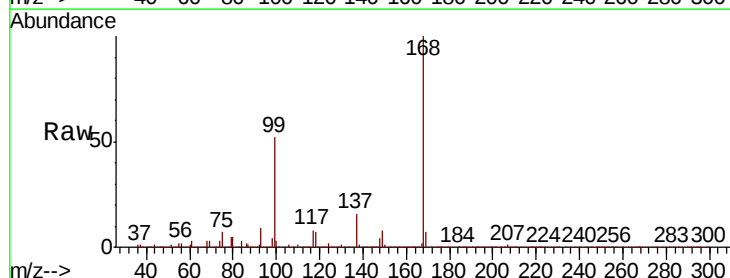
Tgt Ion: 75 Resp: 56662

Ion Ratio Lower Upper

75 100

110 12.0 17.9 53.8#

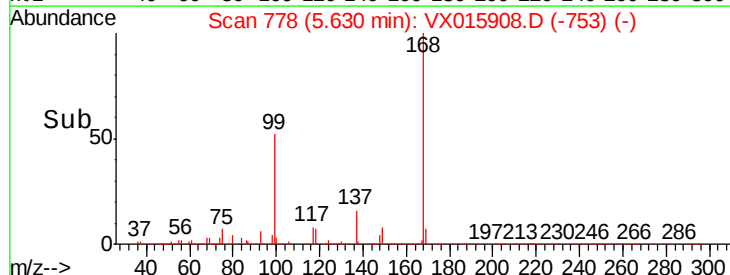
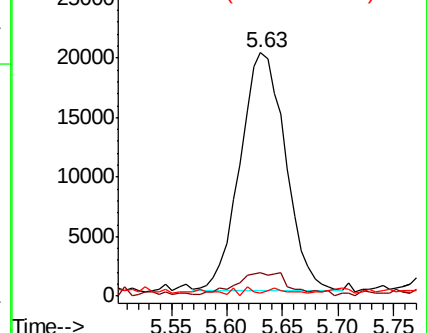
77 0.9 24.5 36.7#

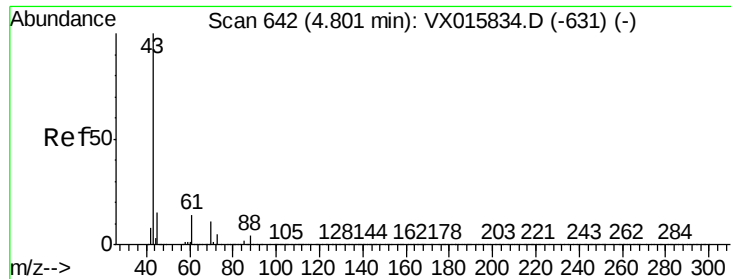


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

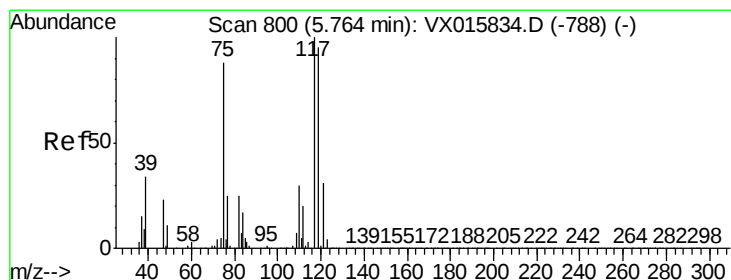
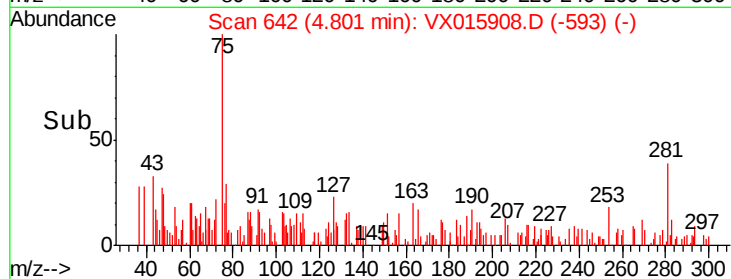
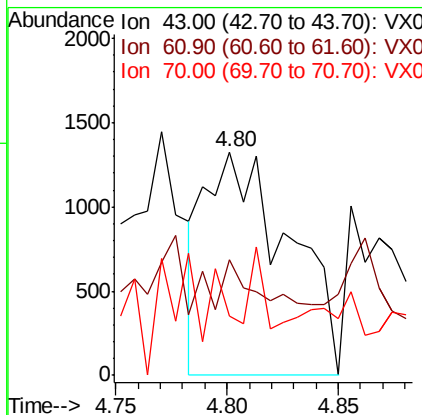
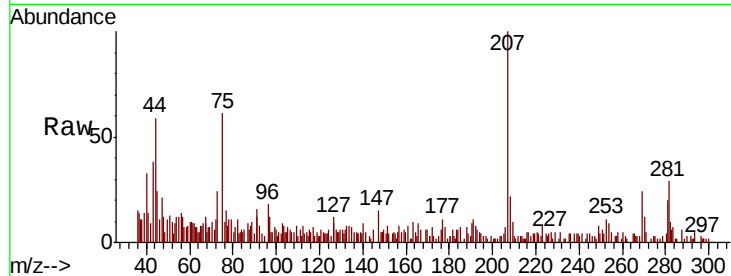




#37
Ethyl Acetate
Concen: 0.259 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

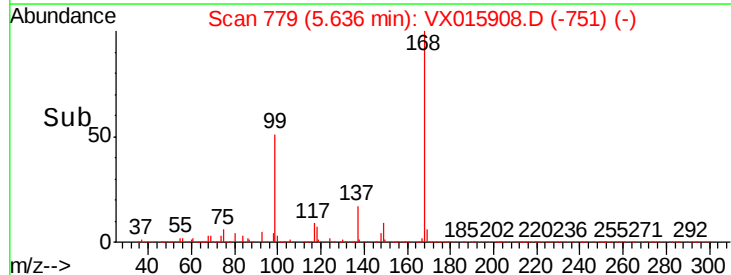
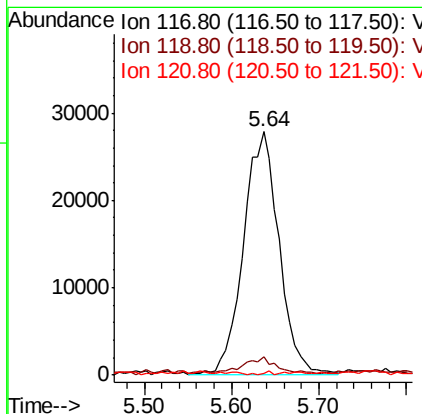
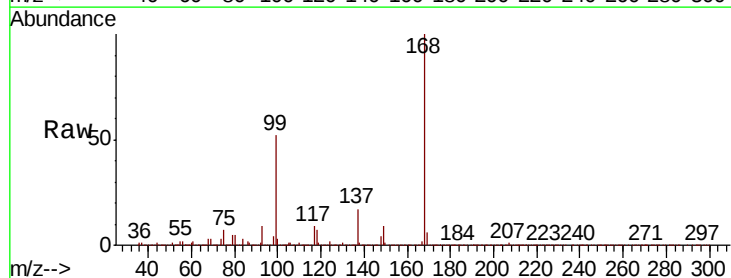
Instrument :
MSVOA_X
ClientSampleId :
PB128425TB

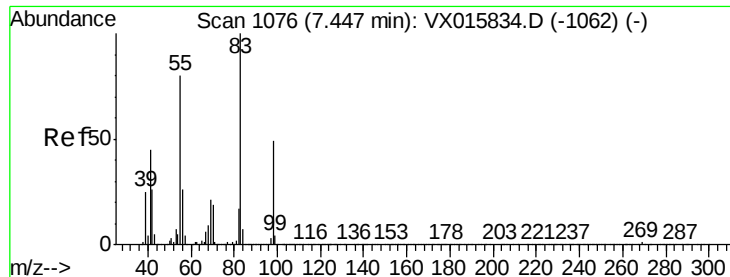
Tot Ion: 43 Resp: 3482
Ion Ratio Lower Upper
43 100
61 0.0 10.8 16.2#
70 11.8 8.2 12.2



#38
Carbon Tetrachloride
Concen: 7.015 ug/l
RT: 5.64 min Scan# 779
Delta R.T. -0.13 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

Tgt Ion: 117 Resp: 78065
Ion Ratio Lower Upper
117 100
119 6.8 75.7 113.5#
121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.206 ug/l

RT: 7.43 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :

MSVOA_X

ClientSampleID :

PB128425TB

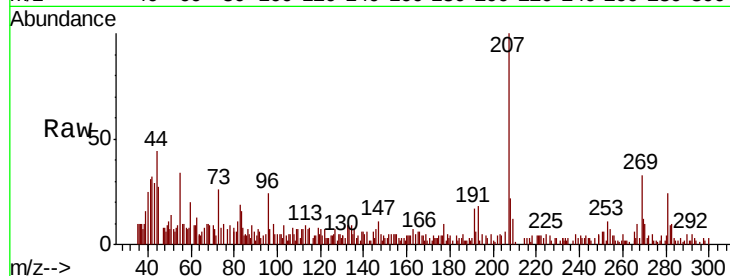
Tot Ion: 83 Resp: 2944

Ion Ratio Lower Upper

83 100

55 95.2 64.2 96.4

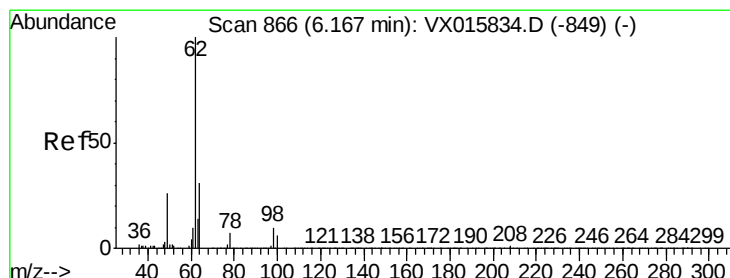
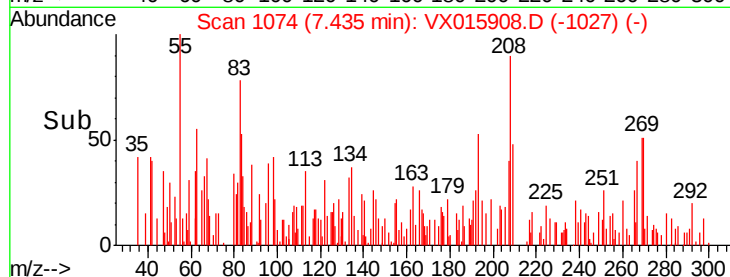
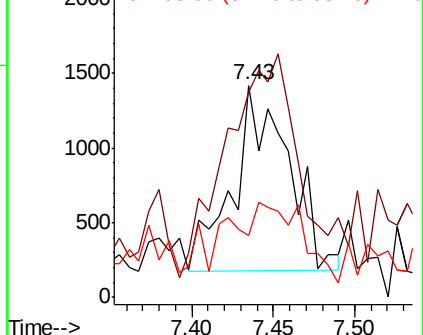
98 28.0 39.3 58.9#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#42

1,2-Dichloroethane

Concen: 0.283 ug/l

RT: 6.17 min Scan# 867

Delta R.T. 0.01 min

Lab File: VX015908.D

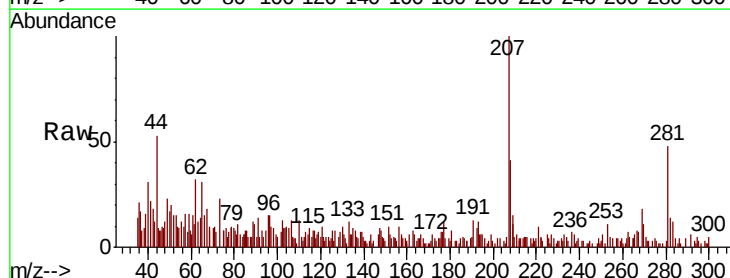
Acq: 23 Apr 2020 22:41

Tgt Ion: 62 Resp: 3473

Ion Ratio Lower Upper

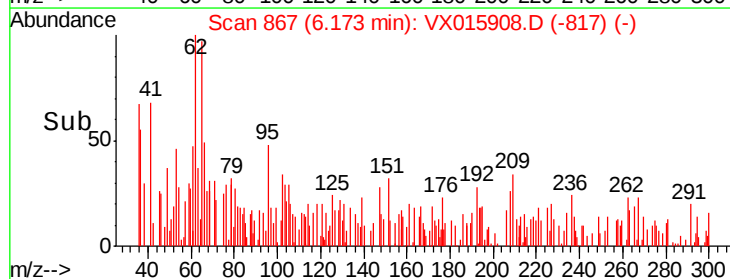
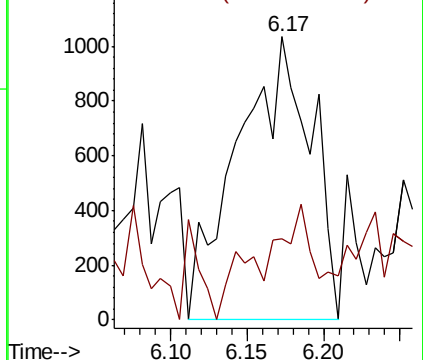
62 100

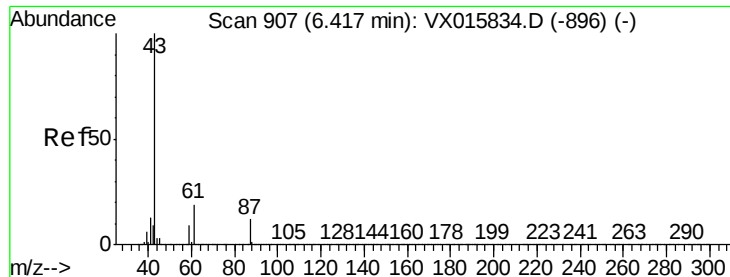
98 9.4 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



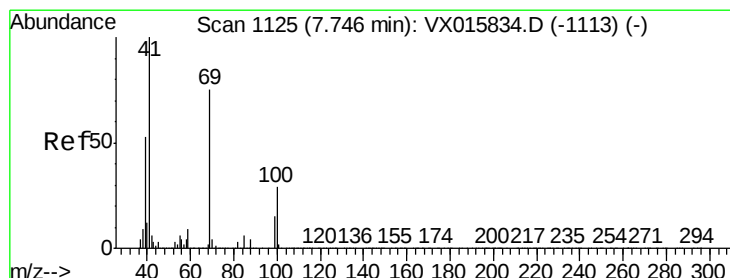
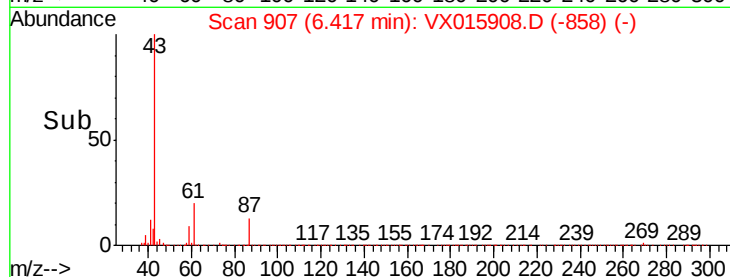
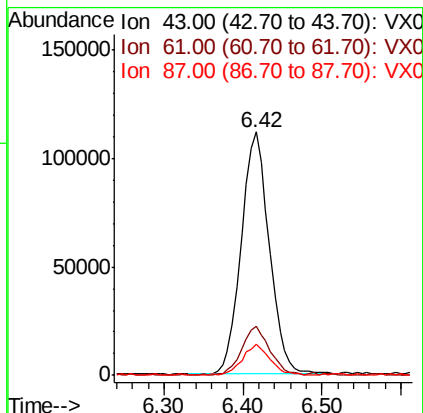
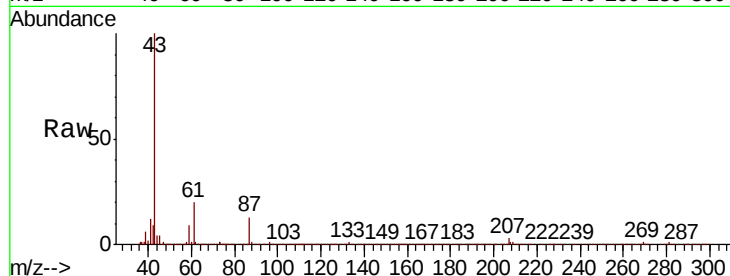


#43

Isopropyl Acetate
 Concen: 12.199 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015908.D
 Acq: 23 Apr 2020 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128425TB

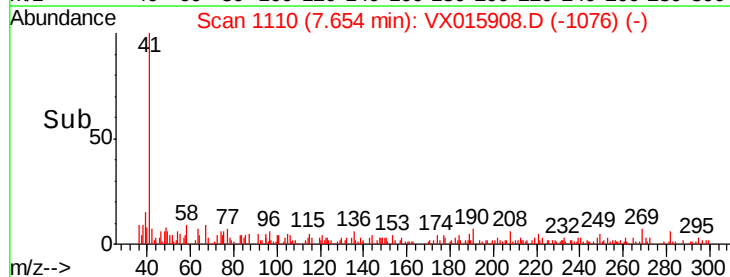
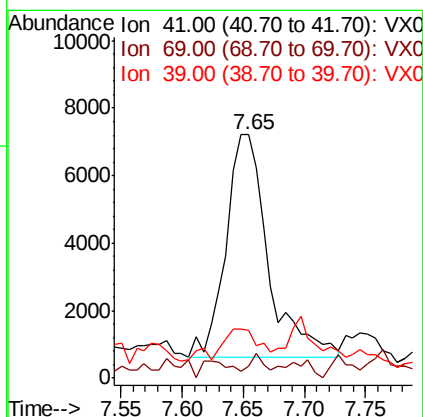
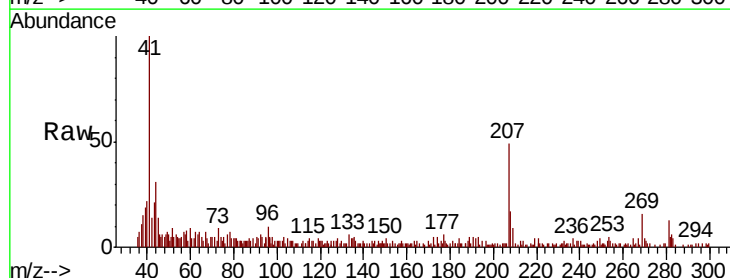
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.2
87	12.8	9.8	14.6

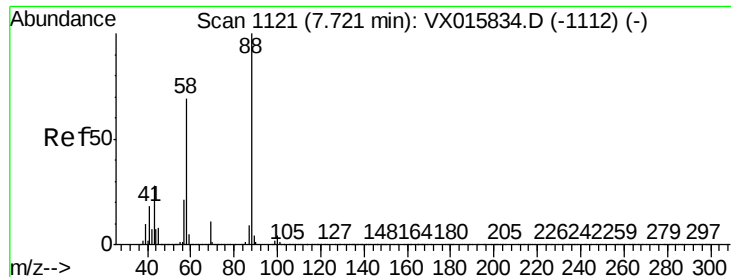


#48

Methyl methacrylate
 Concen: 1.412 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.09 min
 Lab File: VX015908.D
 Acq: 23 Apr 2020 22:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	2.2	60.5	90.7#
39	0.0	42.1	63.1#

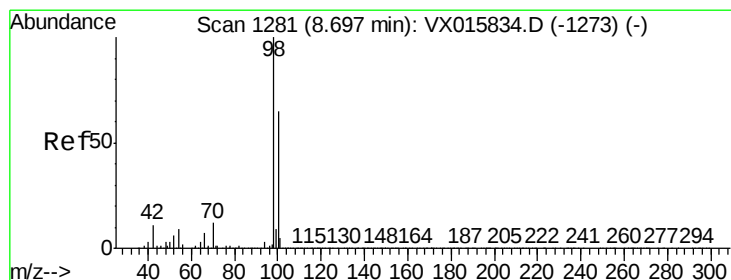
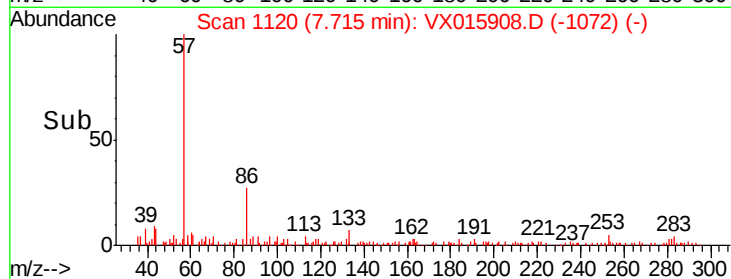
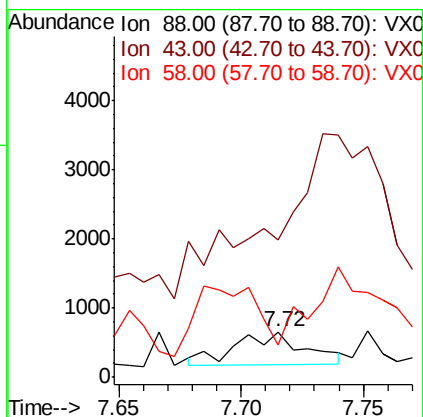
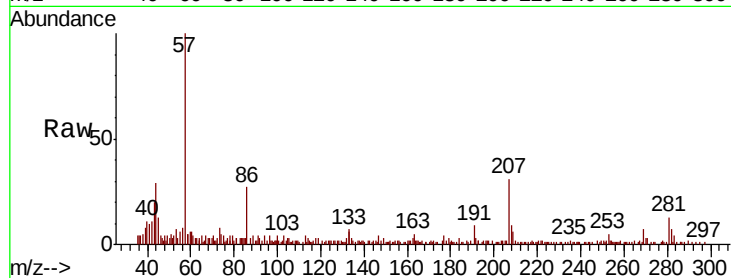




#49
1,4-Dioxane
Concen: 4.349 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

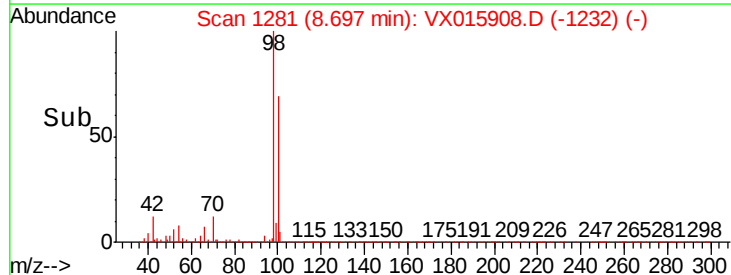
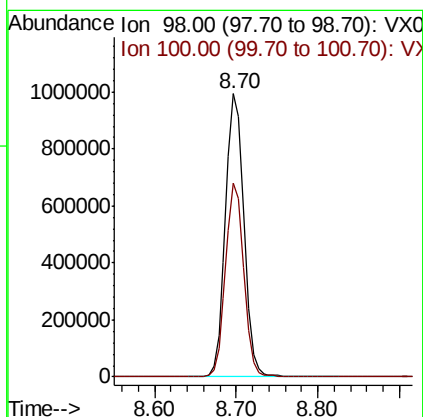
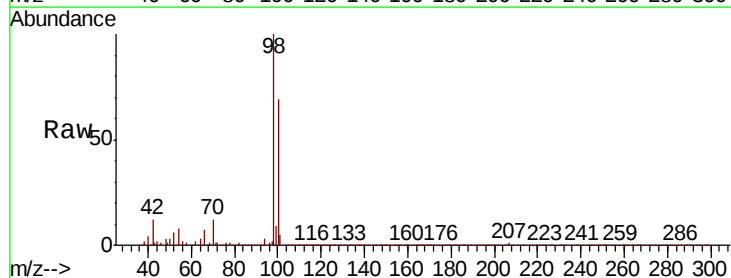
Instrument :
MSVOA_X
ClientSampleId :
PB128425TB

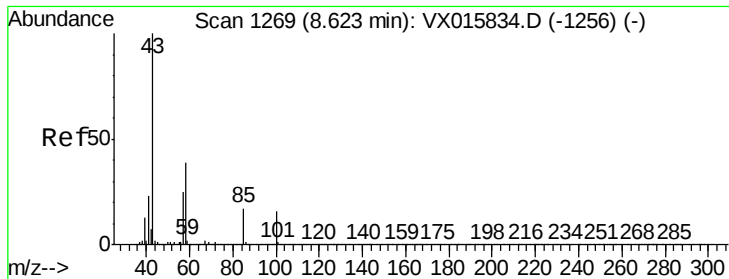
Tot Ion: 88 Resp: 917
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 0.0 58.9 88.3#



#50
Toluene-d8
Concen: 52.523 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

Tgt Ion: 98 Resp: 1555317
Ion Ratio Lower Upper
98 100
100 67.6 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 20.716 ug/l

RT: 8.59 min Scan# 1264

Delta R.T. -0.03 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :

MSVOA_X

ClientSampleId :

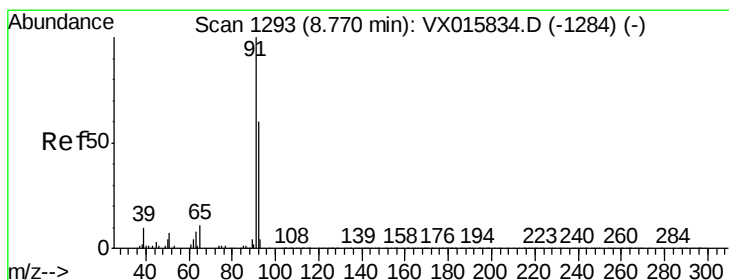
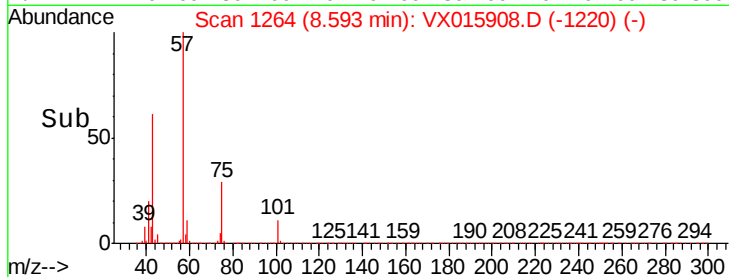
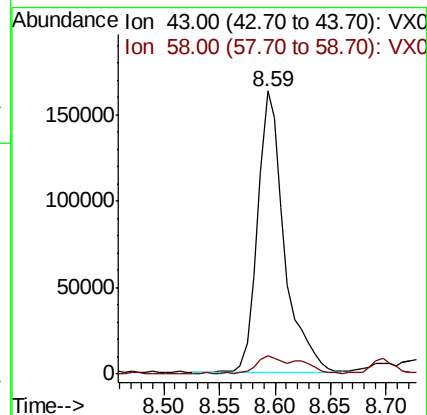
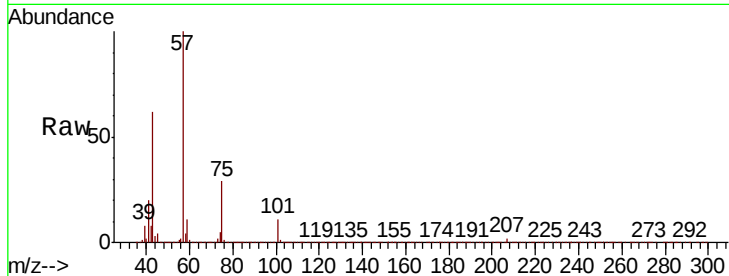
PB128425TB

Tot Ion: 43 Resp: 271193

Ion Ratio Lower Upper

43 100

58 6.8 30.6 45.8#



#52

Toluene

Concen: 0.305 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015908.D

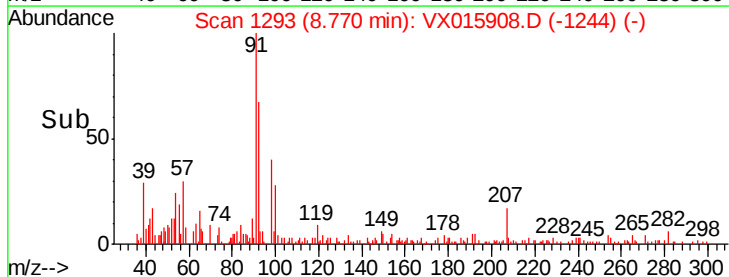
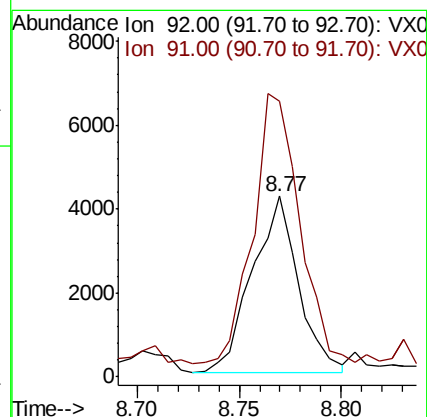
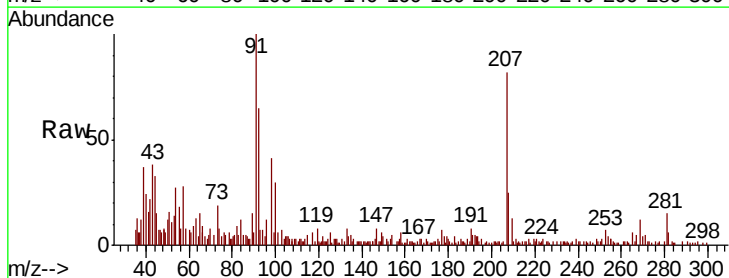
Acq: 23 Apr 2020 22:41

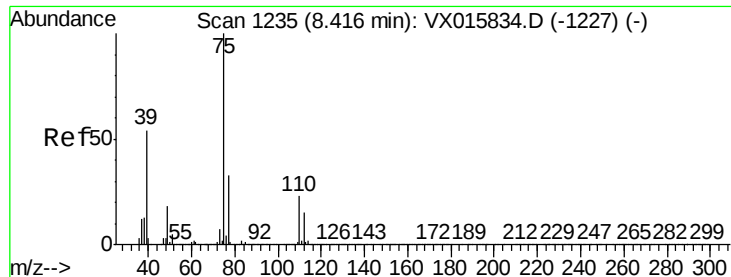
Tgt Ion: 92 Resp: 6661

Ion Ratio Lower Upper

92 100

91 153.0 133.4 200.0



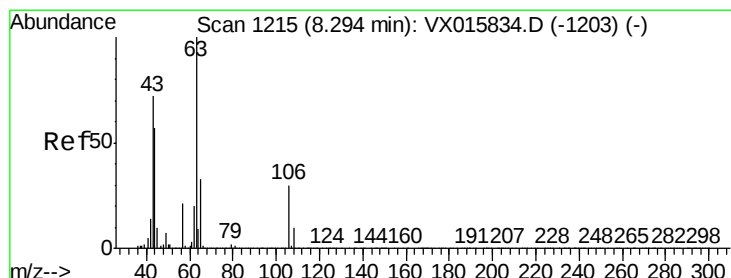
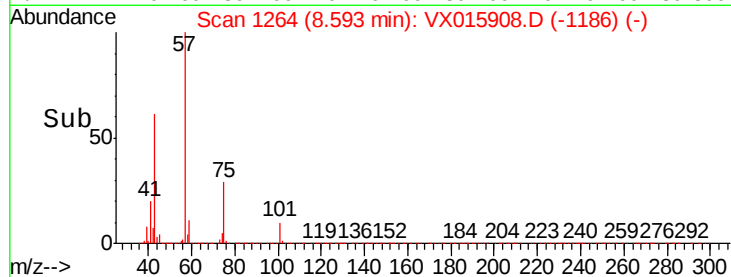
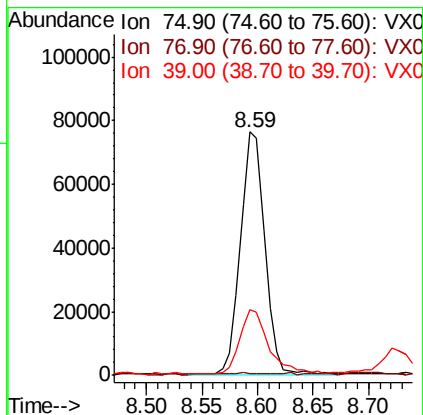
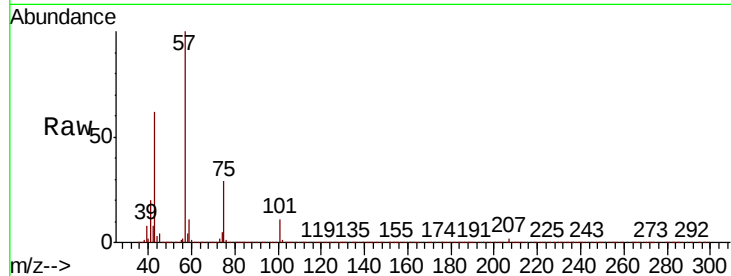


#54

cis-1,3-Dichloropropene
 Concen: 7.663 ug/l
 RT: 8.59 min Scan# 1264
 Delta R.T. 0.18 min
 Lab File: VX015908.D
 Acq: 23 Apr 2020 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128425TB

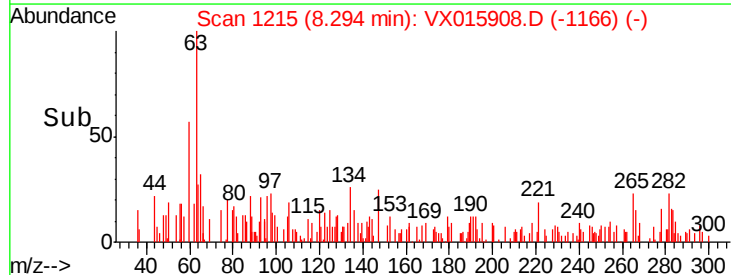
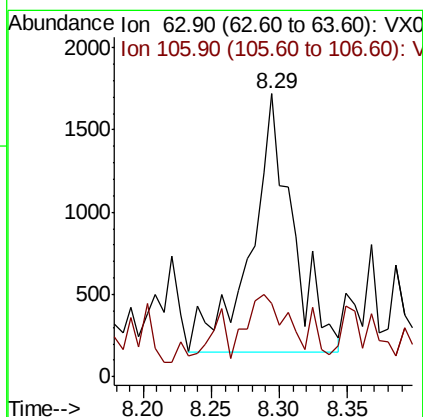
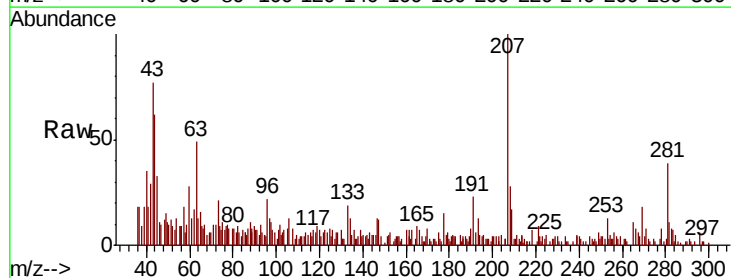
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.3	26.0	39.0#
39	26.5	42.8	64.2#

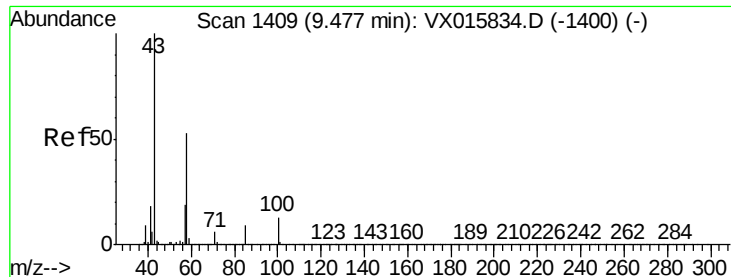


#58

2-Chloroethyl Vinyl ether
 Concen: 0.468 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VX015908.D
 Acq: 23 Apr 2020 22:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.0	23.8	35.8

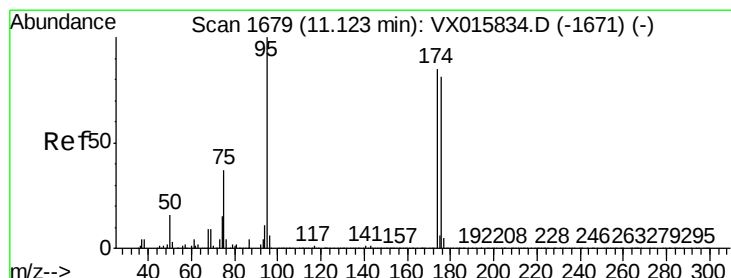
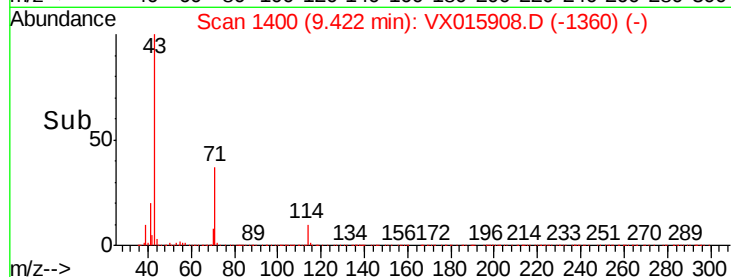
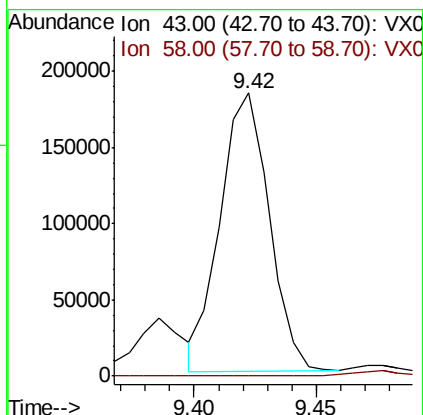
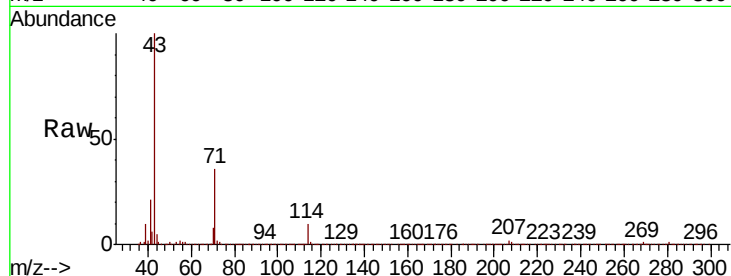




#59
2-Hexanone
Concen: 25.518 ug/l
RT: 9.42 min Scan# 1400
Delta R.T. -0.05 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

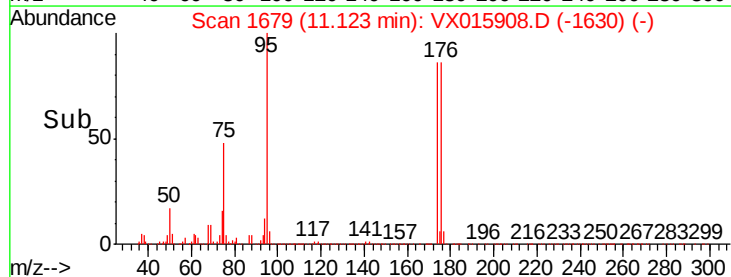
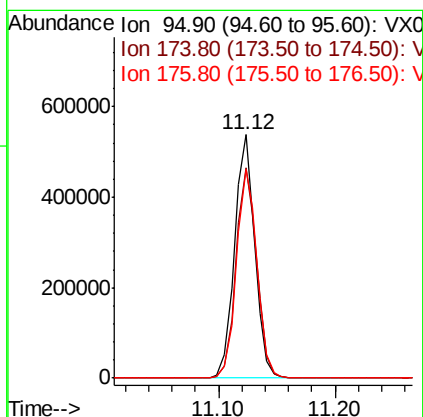
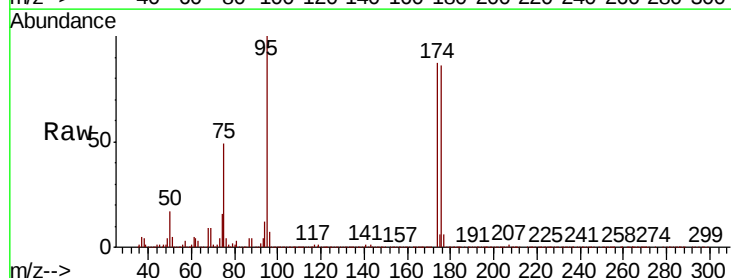
Instrument :
MSVOA_X
ClientSampleId :
PB128425TB

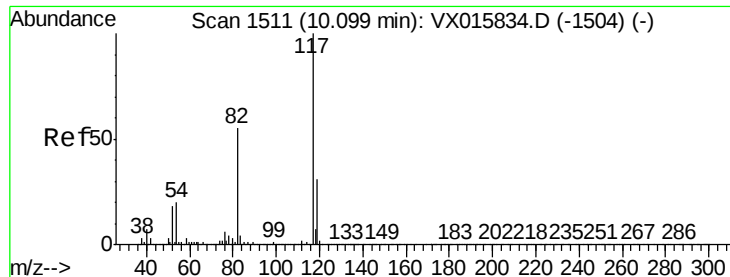
Tot Ion: 43 Resp: 254494
Ion Ratio Lower Upper
43 100
58 0.0 26.5 79.4#



#62
4-Bromofluorobenzene
Concen: 53.682 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

Tgt Ion: 95 Resp: 652114
Ion Ratio Lower Upper
95 100
174 88.1 0.0 172.4
176 87.0 0.0 167.0

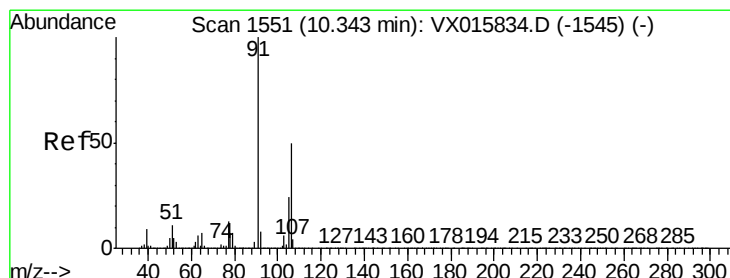
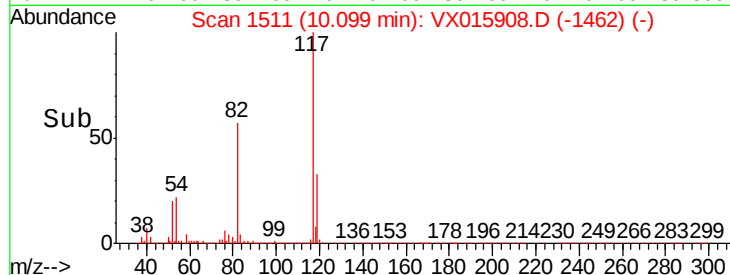
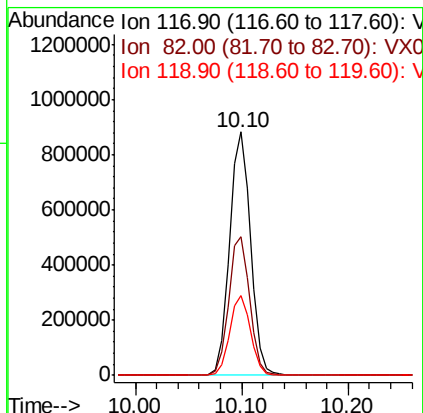
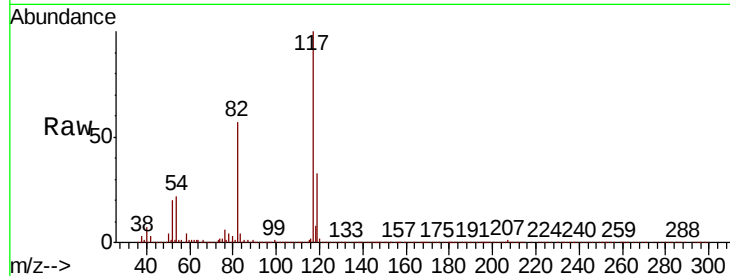




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

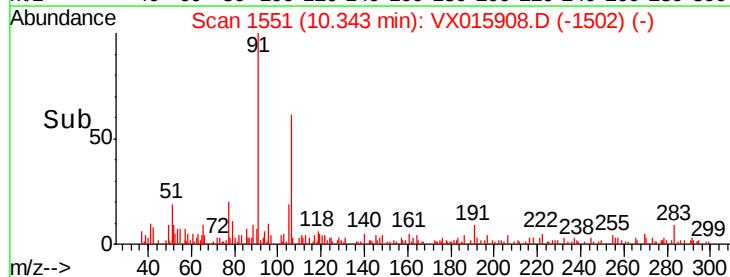
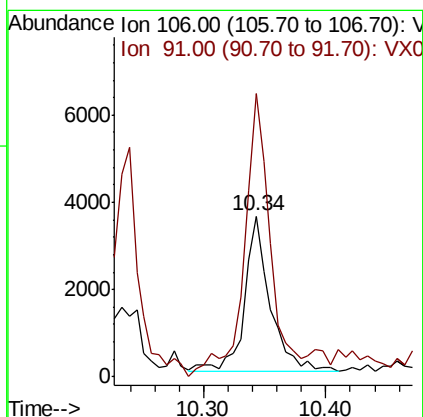
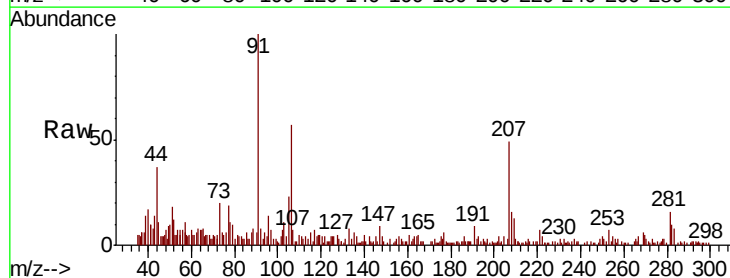
Instrument :
MSVOA_X
ClientSampleId :
PB128425TB

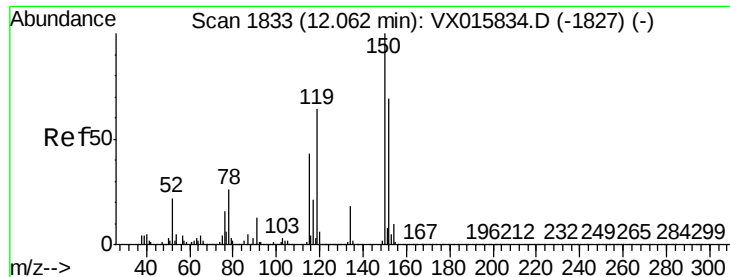
Tot Ion:117 Resp: 1224842
Ion Ratio Lower Upper
117 100
82 56.7 43.9 65.9
119 32.9 25.1 37.7



#68
m/p-Xylenes
Concen: 0.316 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

Tgt Ion:106 Resp: 5104
Ion Ratio Lower Upper
106 100
91 187.6 161.1 241.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :

MSVOA_X

ClientSampleId :

PB128425TB

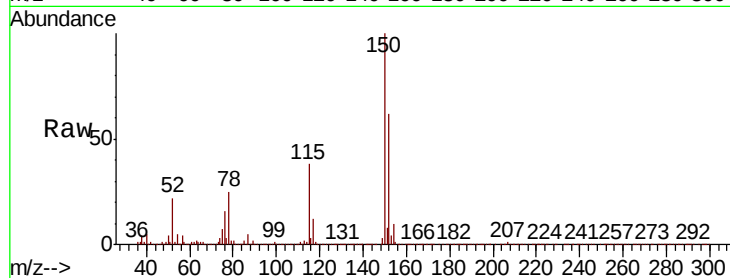
Tot Ion:152 Resp: 695473

Ion Ratio Lower Upper

152 100

115 57.3 39.0 116.9

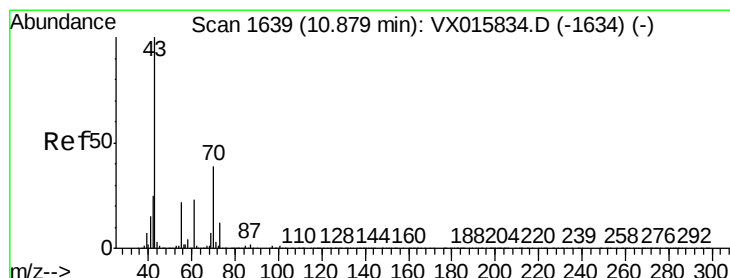
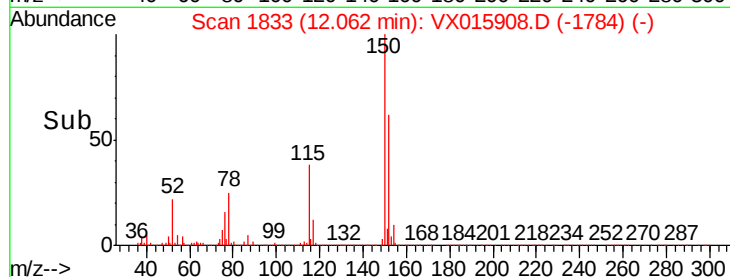
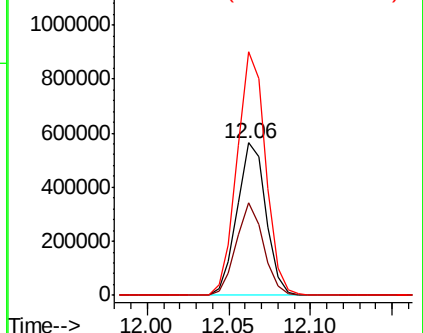
150 157.8 0.0 336.8



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



#74

N-ethyl acetate

Concen: 0.621 ug/l

RT: 10.81 min Scan# 1627

Delta R.T. -0.07 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Tgt Ion: 43 Resp: 14157

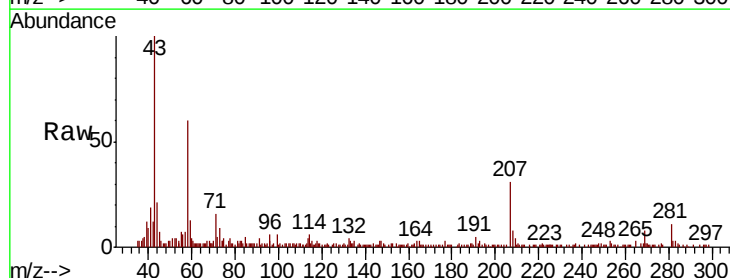
Ion Ratio Lower Upper

43 100

70 4.4 32.6 49.0#

55 10.0 18.3 27.5#

61 0.0 18.7 28.1#

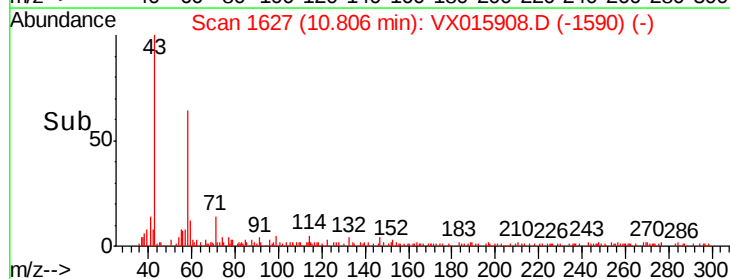
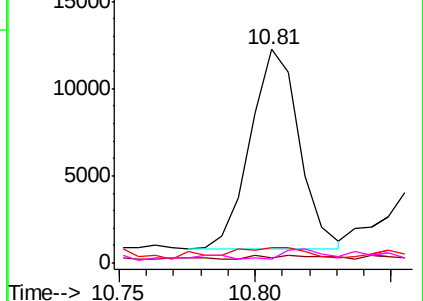


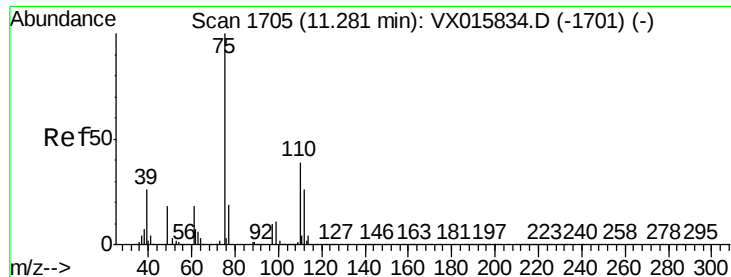
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 24.337 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :

MSVOA_X

ClientSampleId :

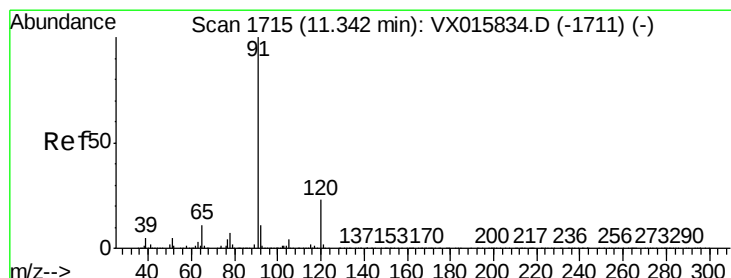
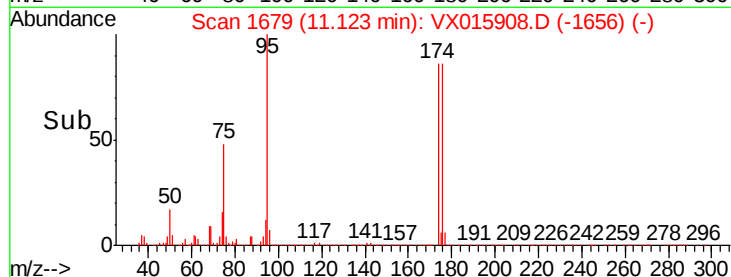
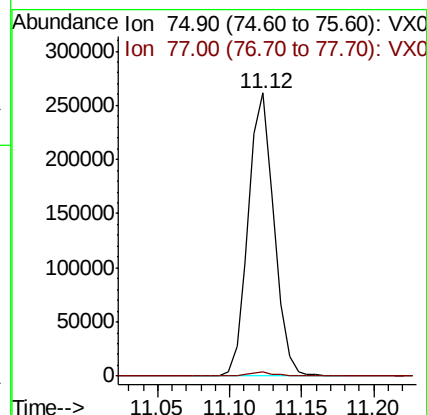
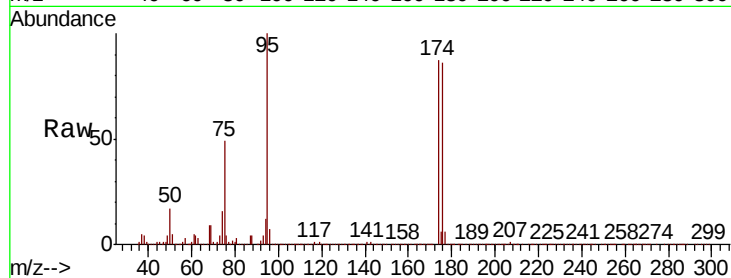
PB128425TB

Tot Ion: 75 Resp: 321855

Ion Ratio Lower Upper

75 100

77 1.6 21.3 63.9#



#78

n-propylbenzene

Concen: 0.219 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015908.D

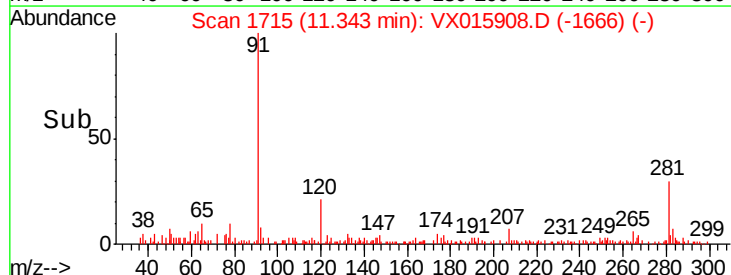
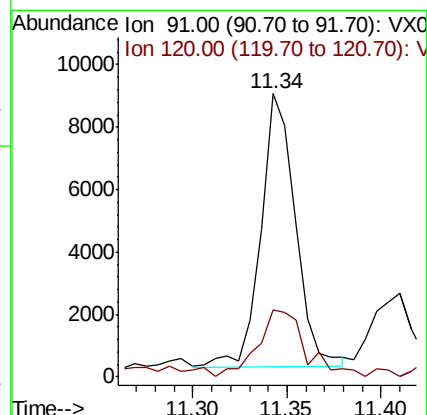
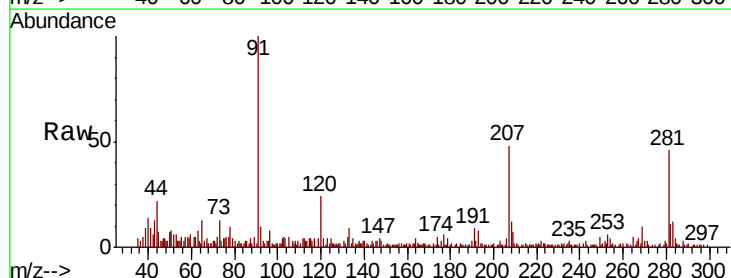
Acq: 23 Apr 2020 22:41

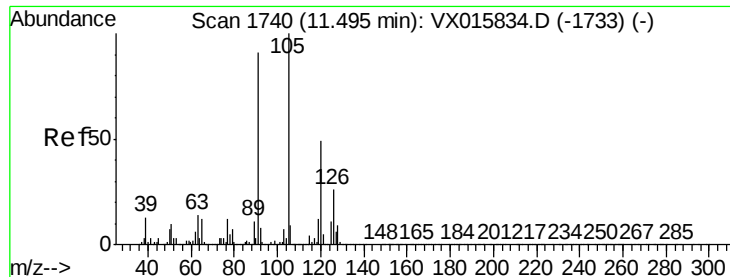
Tgt Ion: 91 Resp: 11096

Ion Ratio Lower Upper

91 100

120 34.1 11.7 35.1

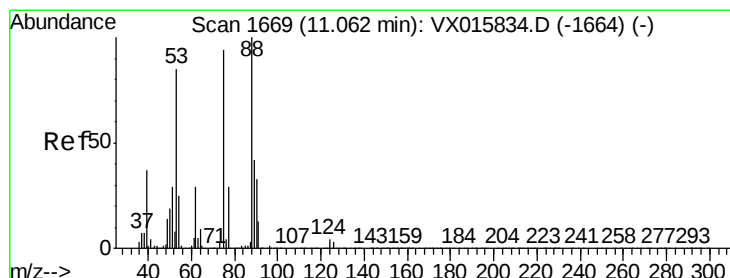
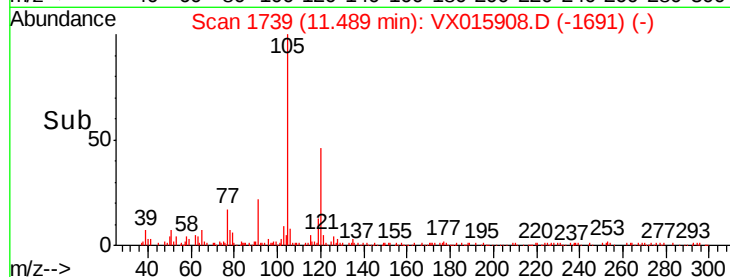
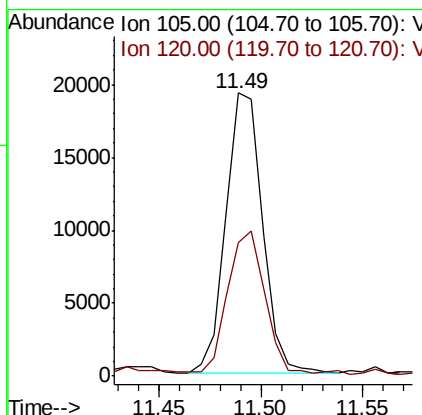
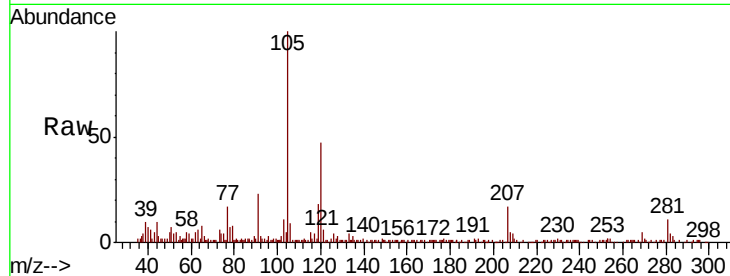




#80
 1,3,5-Trimethylbenzene
 Concen: 0.636 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015908.D
 Acq: 23 Apr 2020 22:41

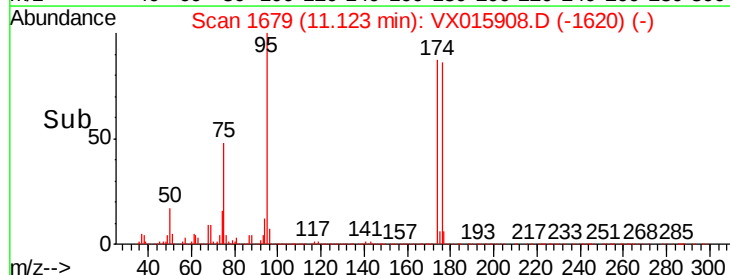
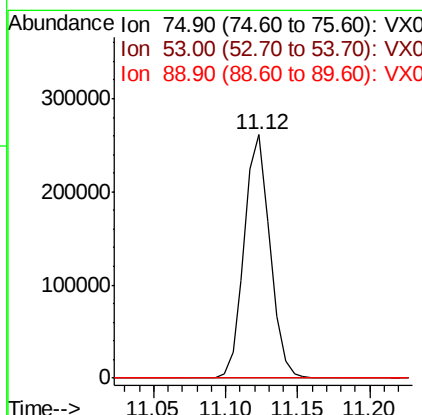
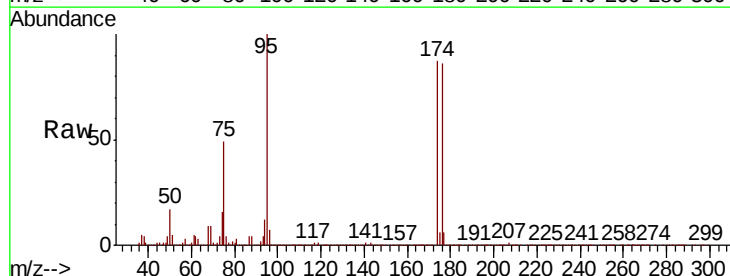
Instrument :
 MSVOA_X
 ClientSampleId :
 PB128425TB

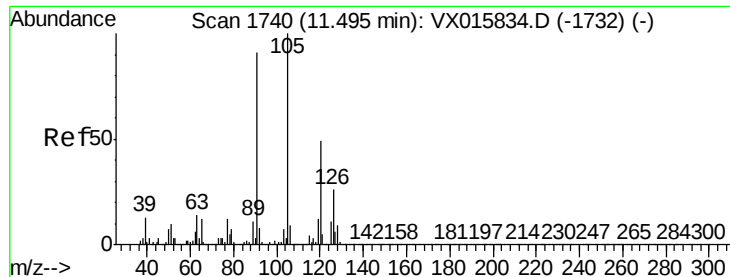
Tot Ion:105 Resp: 23970
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.543 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VX015908.D
 Acq: 23 Apr 2020 22:41

Tgt Ion: 75 Resp: 321855
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.2#
 89 0.3 38.0 57.0#

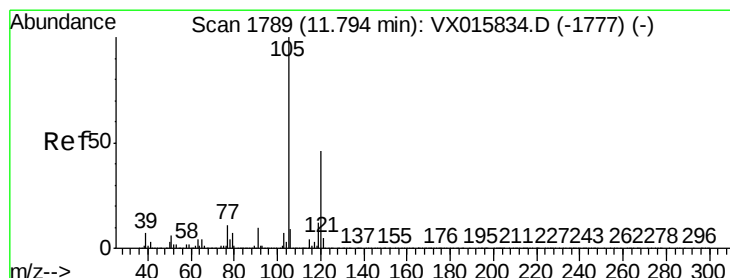
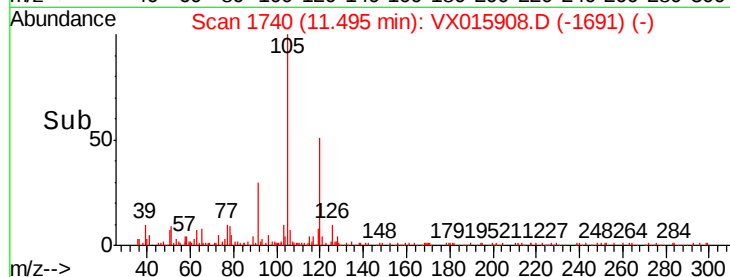
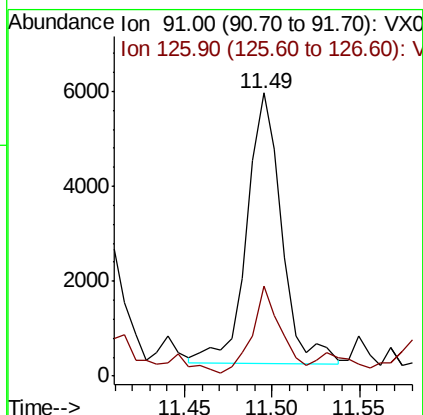
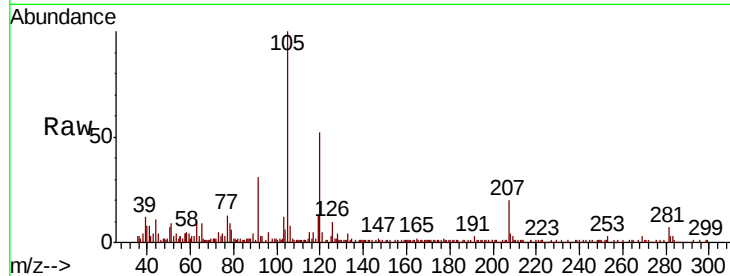




#82
4-Chlorotoluene
Concen: 0.218 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

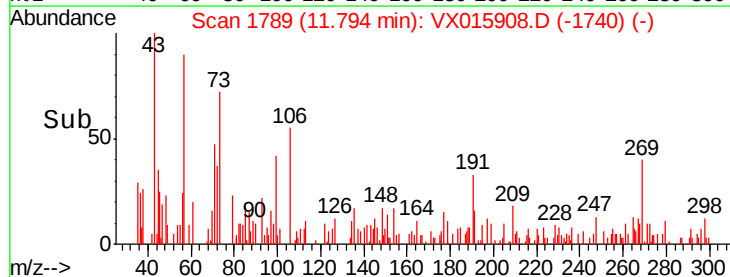
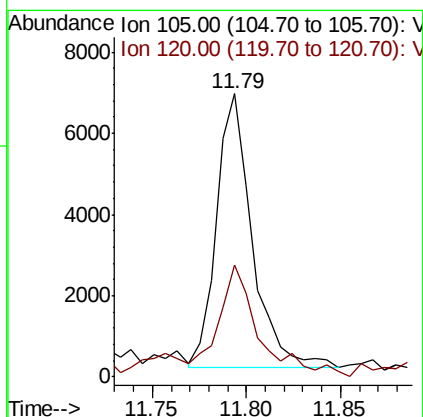
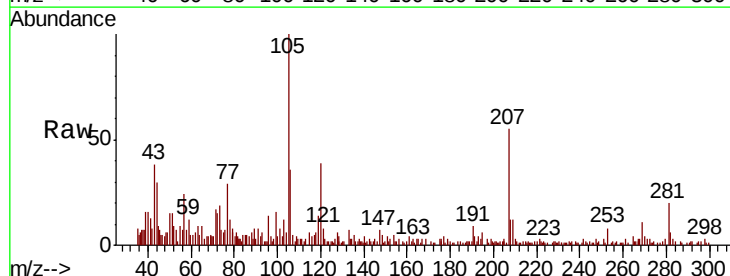
Instrument :
MSVOA_X
ClientSampled :
PB128425TB

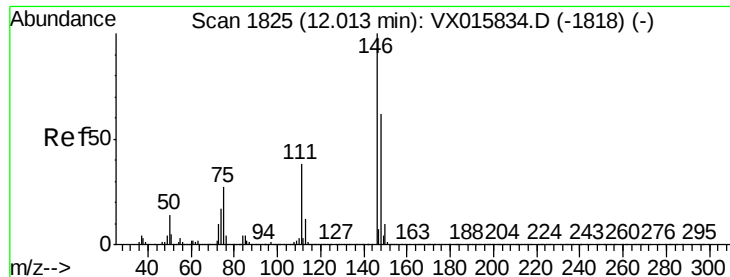
Tot Ion: 91 Resp: 7877
Ion Ratio Lower Upper
91 100
126 26.5 15.0 45.0



#84
1,2,4-Trimethylbenzene
Concen: 0.226 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015908.D
Acq: 23 Apr 2020 22:41

Tgt Ion: 105 Resp: 8845
Ion Ratio Lower Upper
105 100
120 47.0 22.9 68.7





#87

1,3-Dichlorobenzene

Concen: 0.207 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

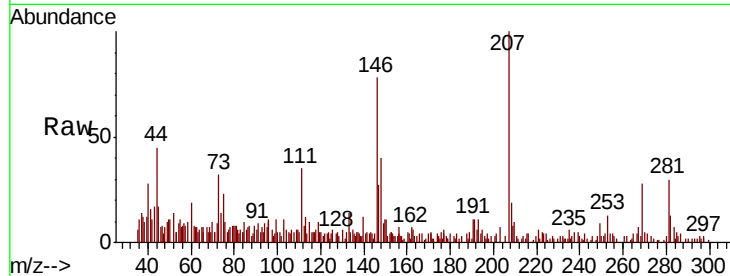
Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :
MSVOA_X
ClientSampled :
PB128425TB

Tot Ion:146 Resp: 4576

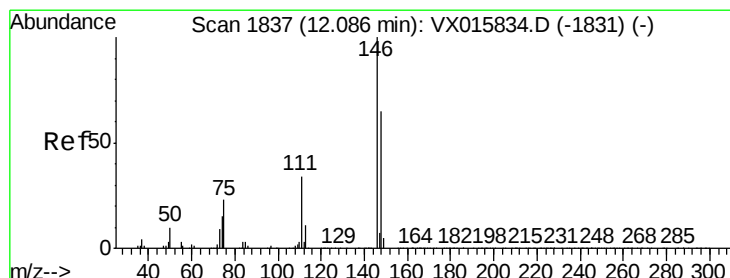
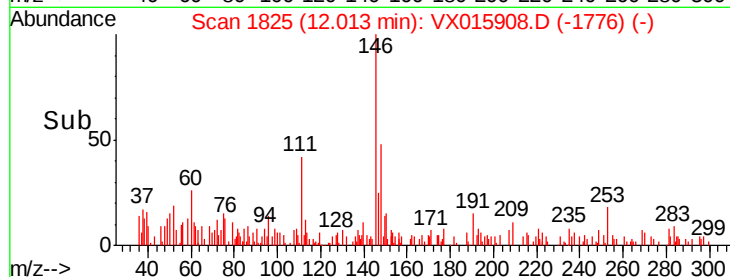
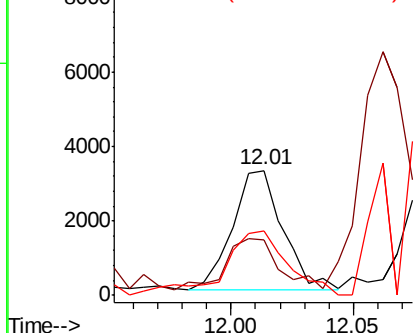
Ion	Ratio	Lower	Upper
146	100		
111	51.8	19.1	57.1
148	69.2	30.9	92.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.210 ug/l

RT: 12.01 min Scan# 1825

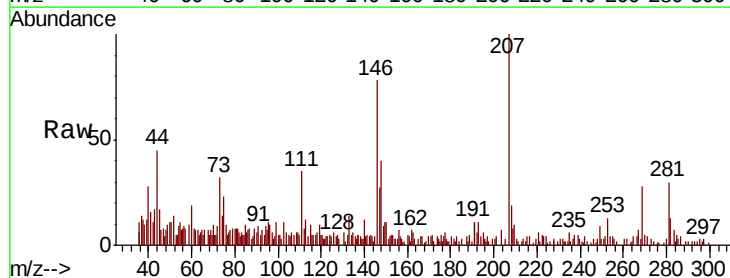
Delta R.T. -0.07 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Tgt Ion:146 Resp: 4647

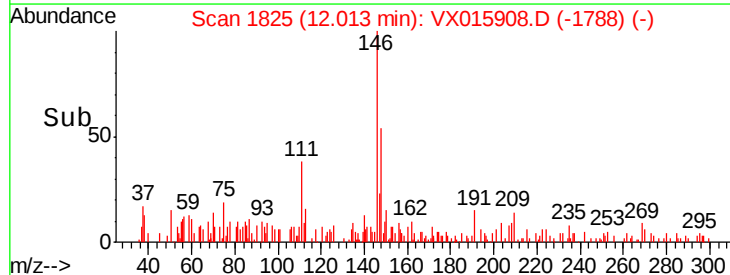
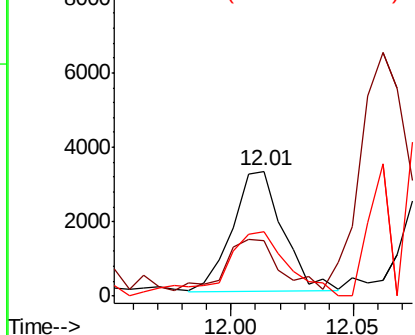
Ion	Ratio	Lower	Upper
146	100		
111	51.6	19.4	58.2
148	68.2	33.8	101.4

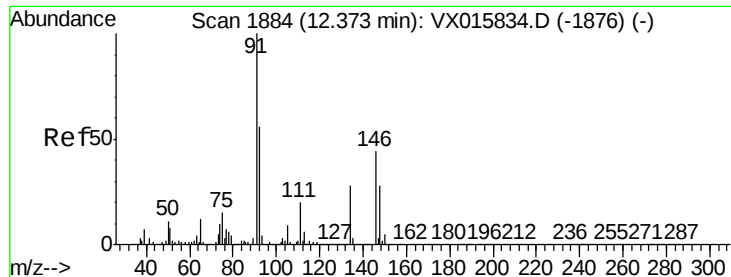


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.302 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :

MSVOA_X

ClientSampleId :

PB128425TB

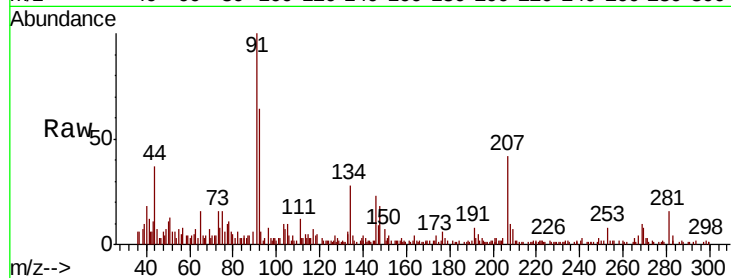
Tot Ion: 91 Resp: 11124

Ion Ratio Lower Upper

91 100

92 52.2 27.7 83.1

134 34.1 14.1 42.4

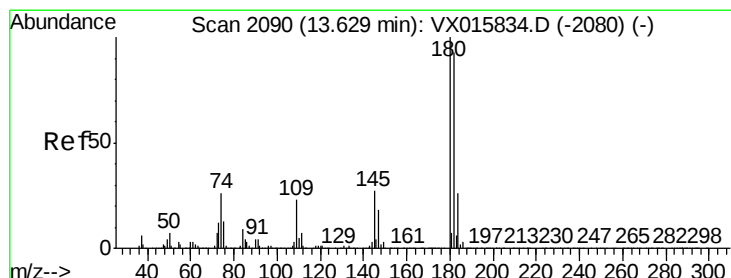
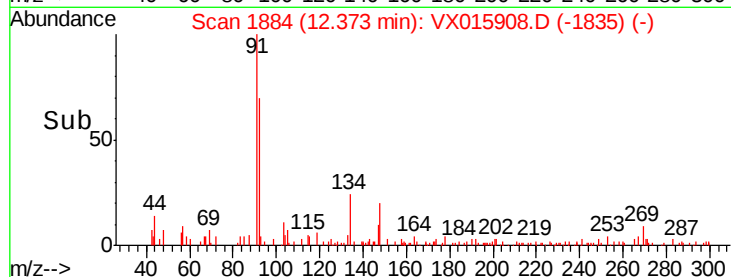


Abundance Ion 91.00 (90.70 to 91.70): VX015834.D (-1876) (-)

Ion 92.00 (91.70 to 92.70): VX015834.D (-1876) (-)

Ion 134.00 (133.70 to 134.70): VX015834.D (-1876) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.382 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. 0.00 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

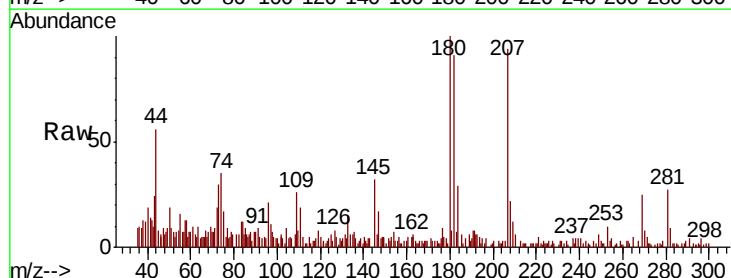
Tgt Ion: 180 Resp: 6332

Ion Ratio Lower Upper

180 100

182 99.4 47.7 143.1

145 41.5 14.5 43.5

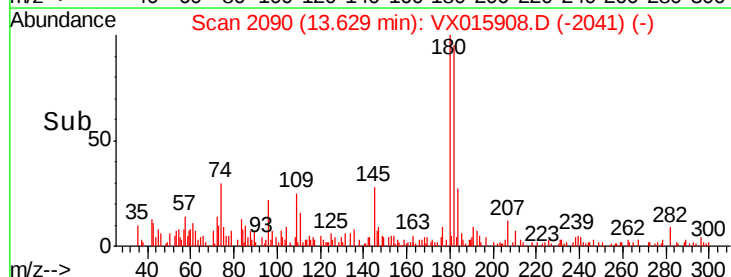


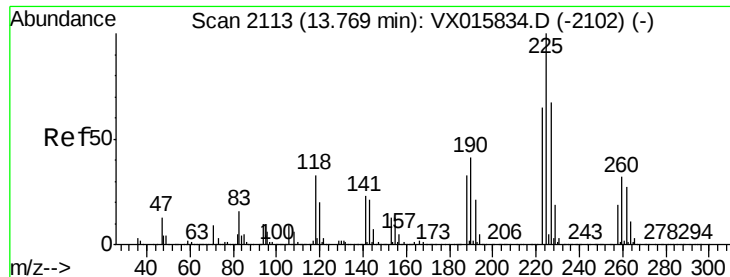
Abundance Ion 179.80 (179.50 to 180.50): VX015834.D (-2080) (-)

Ion 181.80 (181.50 to 182.50): VX015834.D (-2080) (-)

Ion 144.80 (144.50 to 145.50): VX015834.D (-2080) (-)

Time-->





#94

Hexachlorobutadiene

Concen: 0.447 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

Instrument :

MSVOA_X

ClientSampled :

PB128425TB

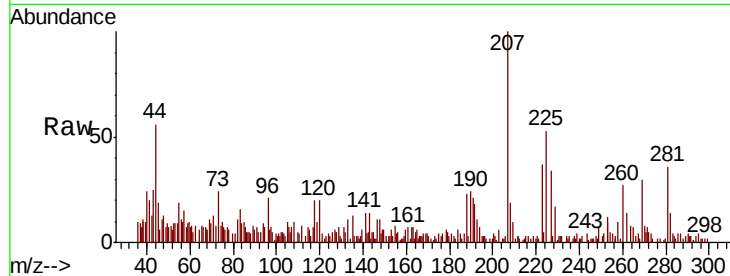
Tot Ion:225 Resp: 3317

Ion Ratio Lower Upper

225 100

223 66.7 31.3 93.8

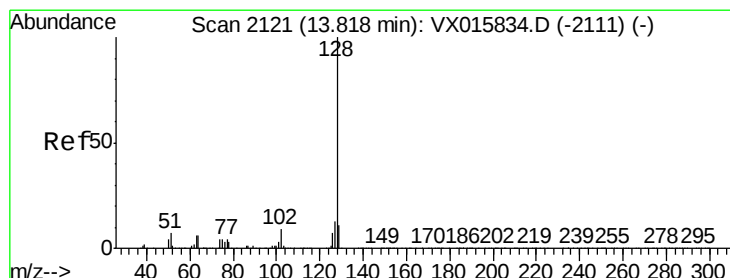
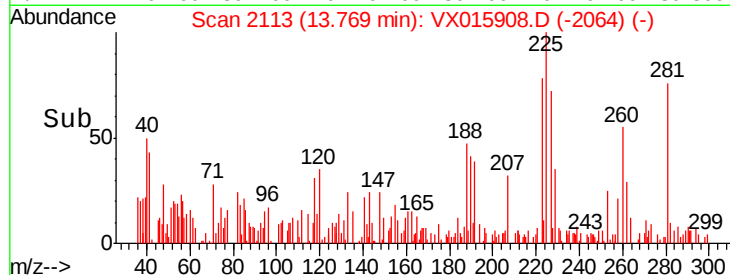
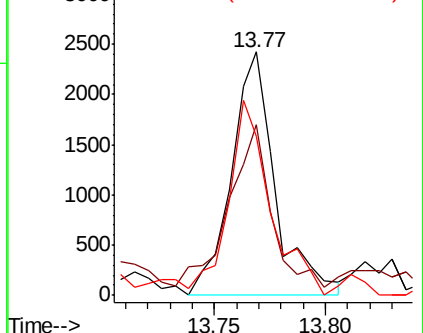
227 76.4 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.317 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015908.D

Acq: 23 Apr 2020 22:41

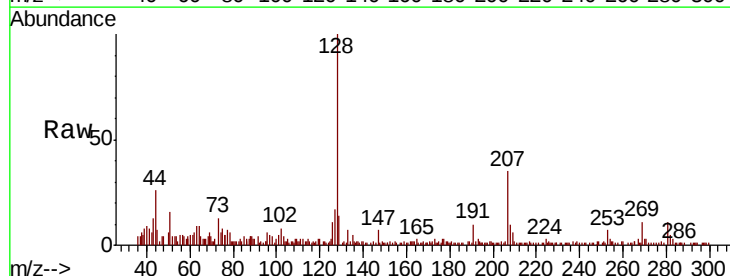
Tgt Ion:128 Resp: 15088

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

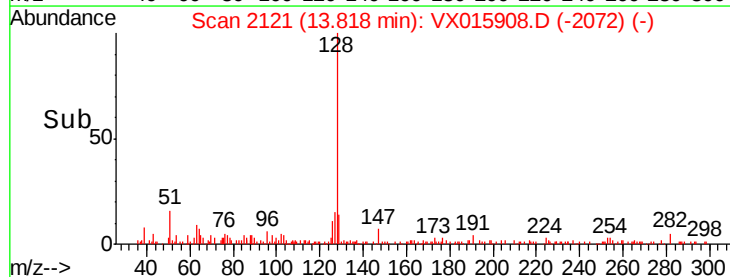
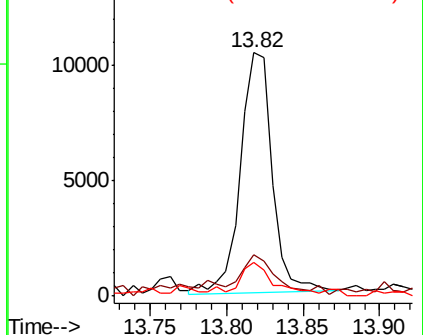
129 12.5 8.5 12.7

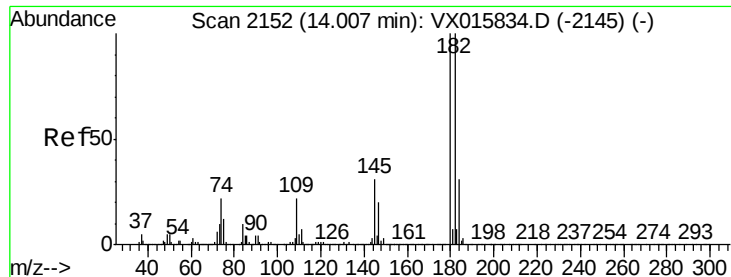


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

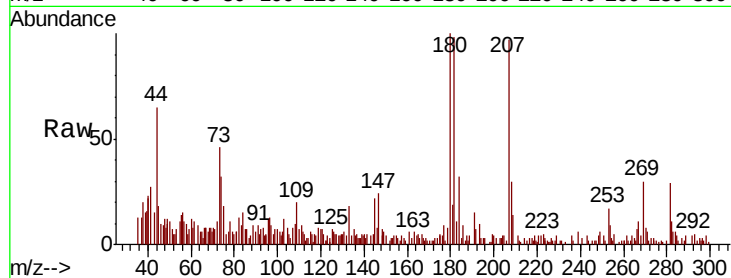




#96
 1,2,3-Trichlorobenzene
 Concen: 0.349 ug/l
 RT: 14.01 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: VX015908.D
 Acq: 23 Apr 2020 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128425TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	106.1	47.9	143.7
145	28.0	15.2	45.5



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

