

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102618\
 Data File : VN052024.D
 Acq On : 26 Oct 2018 13:26
 Operator : MD\SY
 Sample : PB114195ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#01

Quant Time: Oct 26 23:22:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1254613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1797990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1636694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	703710	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	621750	55.64	ug/l	0.00
Spiked Amount			Recovery	=	111.28%	
35) Dibromofluoromethane	7.59	113	659393	57.47	ug/l	0.00
Spiked Amount			Recovery	=	114.94%	
50) Toluene-d8	10.09	98	2416153	58.28	ug/l	0.00
Spiked Amount			Recovery	=	116.56%	
62) 4-Bromofluorobenzene	12.40	95	732928	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	

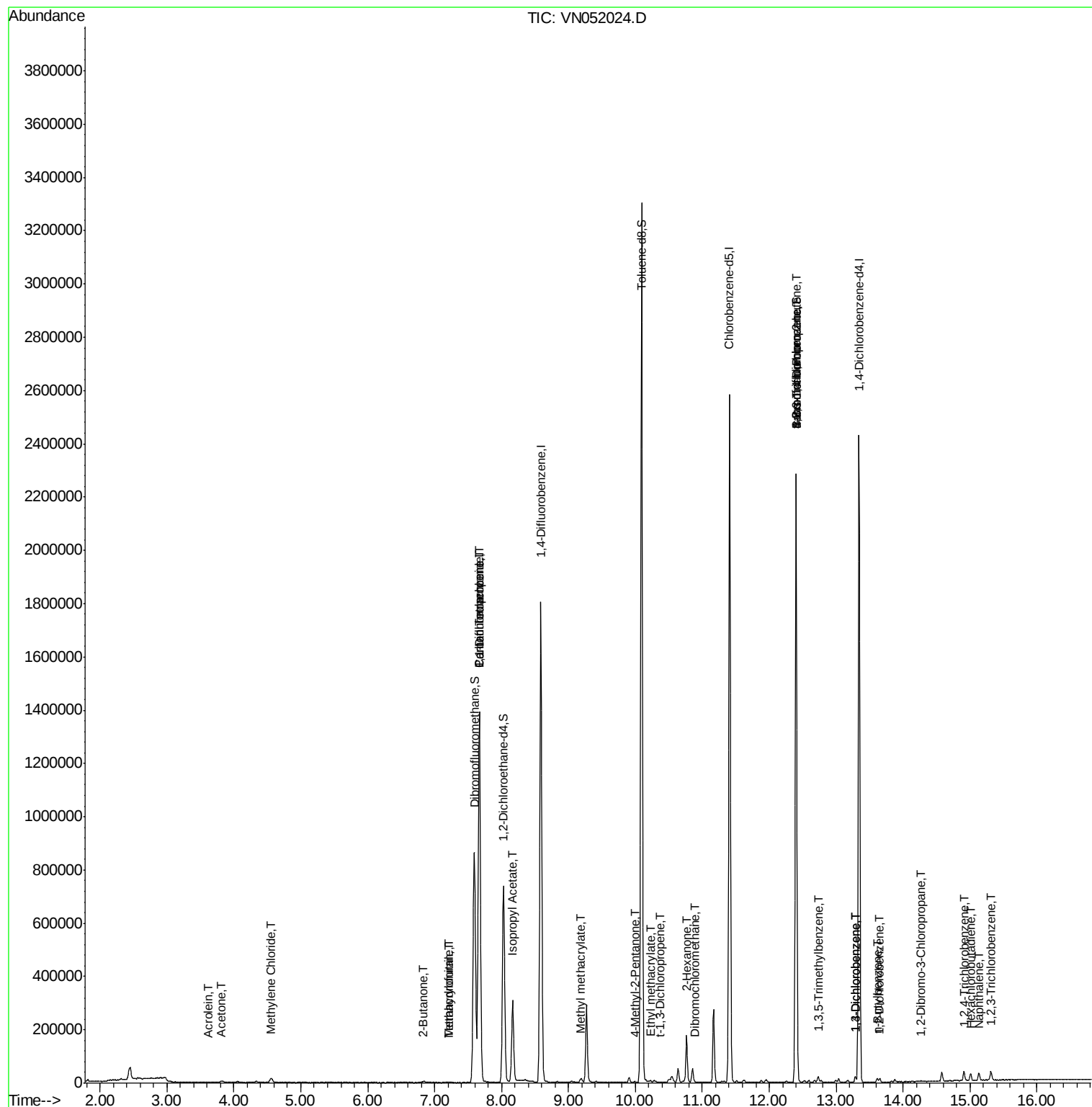
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	74	37.461	ug/l #	1
16) Acetone	3.82	43	8506	4.620	ug/l	92
18) Methyl Acetate	4.32	43	4885	Below Cal		99
20) Methylene Chloride	4.55	84	13306	1.232	ug/l	96
25) 2-Butanone	6.84	43	3351	1.277	ug/l #	78
29) Tetrahydrofuran	7.21	42	843	0.474	ug/l #	61
31) Cyclohexane	7.67	56	19525	Below Cal	#	25
36) 1,1-Dichloropropene	7.67	75	72910	5.286	ug/l #	47
37) Ethyl Acetate	6.93	43	289	Below Cal	#	64
38) Carbon Tetrachloride	7.67	117	110463	6.976	ug/l #	15
41) Methacrylonitrile	7.22	41	699	0.226	ug/l #	30
43) Isopropyl Acetate	8.17	43	339420	29.385	ug/l	99
48) Methyl methacrylate	9.18	41	7876	1.411	ug/l #	8
51) 4-Methyl-2-Pentanone	9.98	43	1831	0.288	ug/l	87
53) t-1,3-Dichloropropene	10.38	75	587	1.284	ug/l #	43
56) Ethyl methacrylate	10.23	69	3545	0.321	ug/l #	63
59) 2-Hexanone	10.77	43	22490	5.268	ug/l #	56
60) Dibromochloromethane	10.90	129	109	1.986	ug/l #	11
71) Bromoform	12.40	173	6219	4.348	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	350348	48.198	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9512	0.266	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.40	75	350348	151.568	ug/l #	12
87) 1,3-Dichlorobenzene	13.28	146	5856	0.258	ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	5856	0.261	ug/l	95
89) n-Butylbenzene	13.61	91	8041	0.254	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	5948	0.271	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.27	75	967	0.683	ug/l	53
93) 1,2,4-Trichlorobenzene	14.91	180	11404	0.878	ug/l	99
94) Hexachlorobutadiene	15.01	225	5499	0.824	ug/l	95
95) Naphthalene	15.14	128	23545	0.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	12895	1.039	ug/l	97

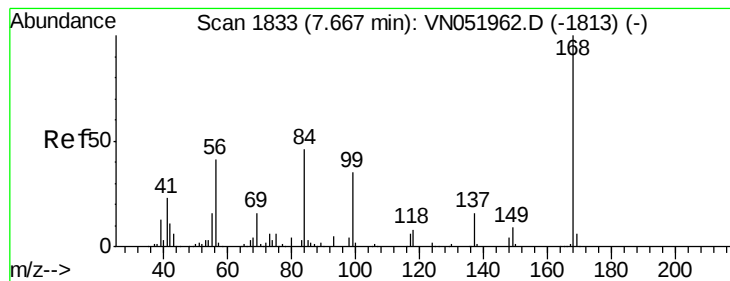
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052024.D

Acq: 26 Oct 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

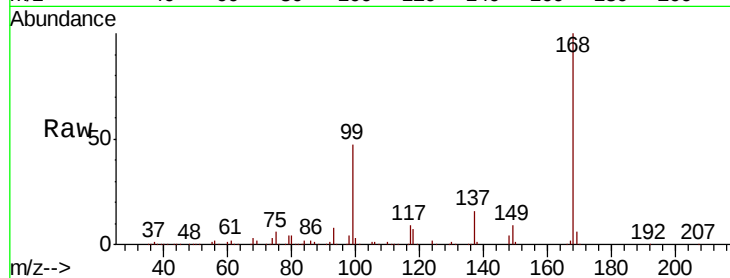
PB114195ZHE#01

Tot Ion:168 Resp: 1254613

Ion Ratio Lower Upper

168 100

99 47.1 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): VN051962.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051962.D (-1813) (-)

7.67

600000

500000

400000

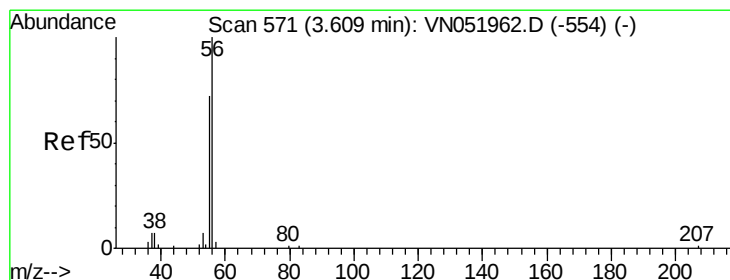
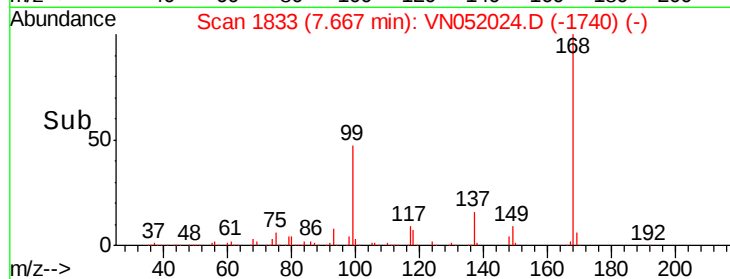
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 37.461 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN052024.D

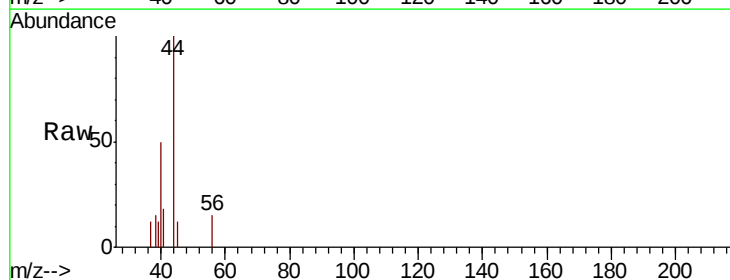
Acq: 26 Oct 2018 13:26

Tgt Ion: 56 Resp: 74

Ion Ratio Lower Upper

56 100

55 182.4 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VN051962.D (-554) (-)

Ion 55.00 (54.70 to 55.70): VN051962.D (-554) (-)

300

250

200

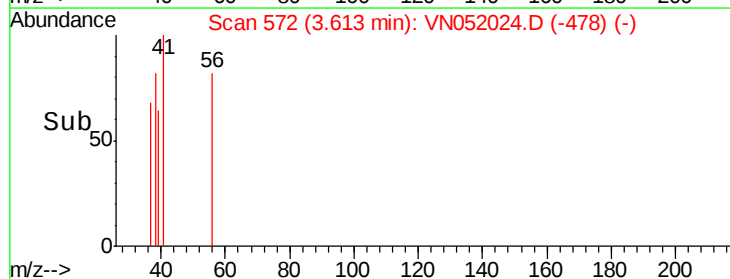
150

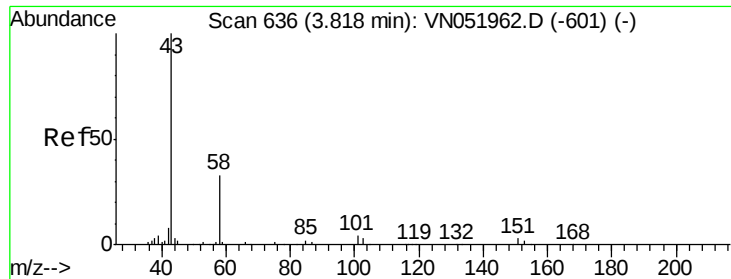
100

50

0

Time-->





#16

Acetone

Concen: 4.620 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052024.D

Acq: 26 Oct 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

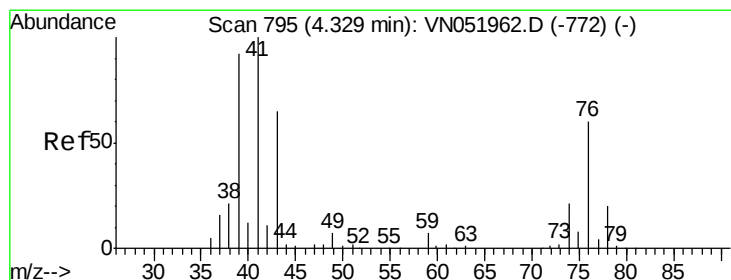
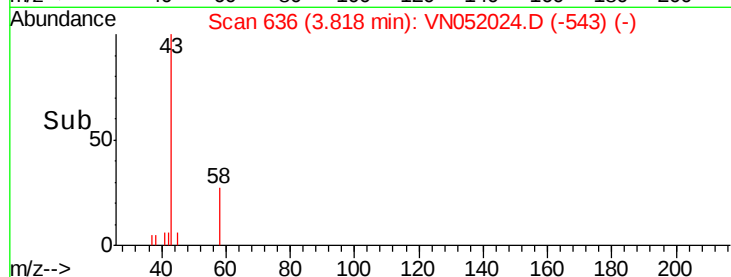
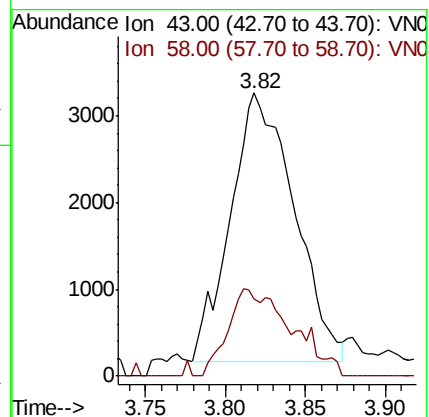
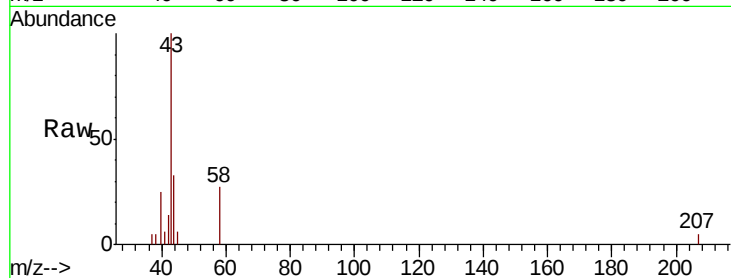
PB114195ZHE#01

Tot Ion: 43 Resp: 8506

Ion Ratio Lower Upper

43 100

58 28.8 26.7 40.1



#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 793

Delta R.T. -0.01 min

Lab File: VN052024.D

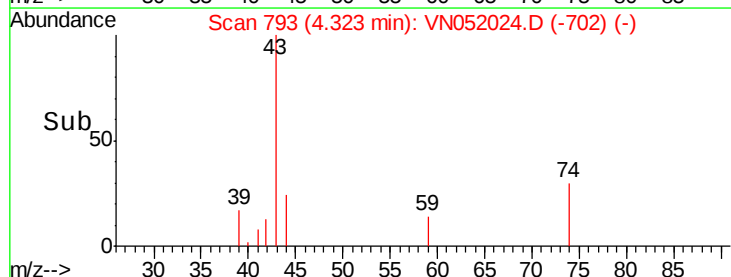
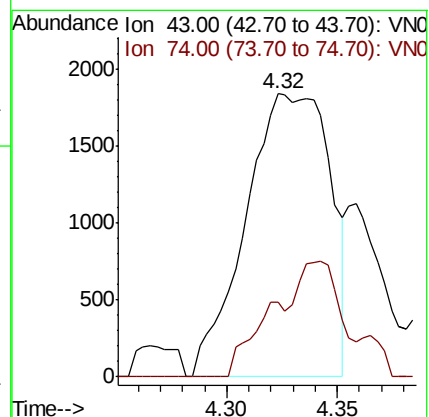
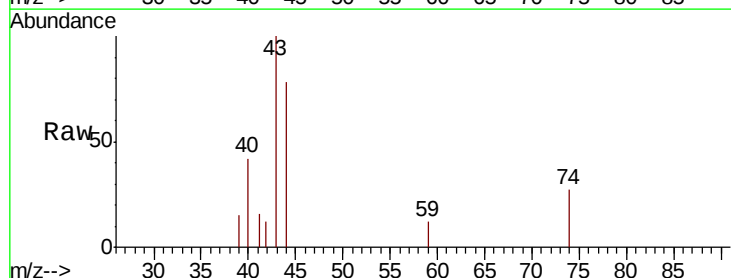
Acq: 26 Oct 2018 13:26

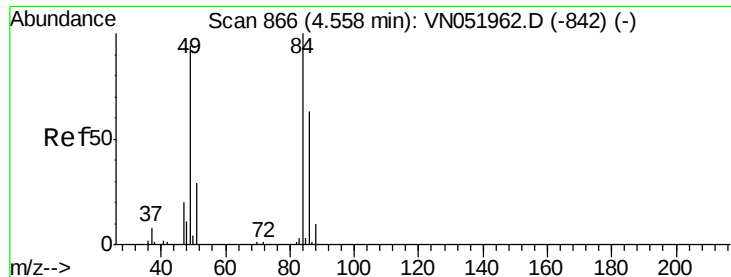
Tgt Ion: 43 Resp: 4885

Ion Ratio Lower Upper

43 100

74 32.4 25.7 38.5

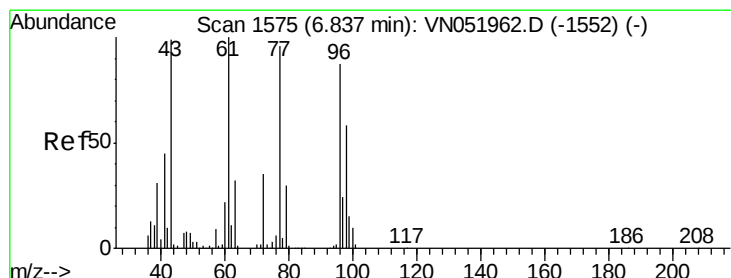
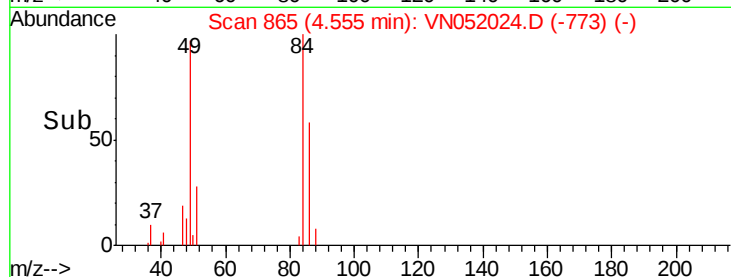
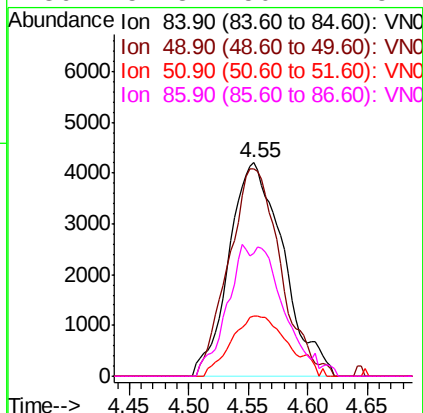
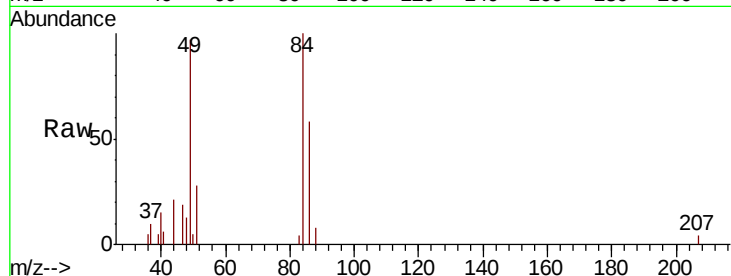




#20
Methvlene Chloride
Concen: 1.232 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

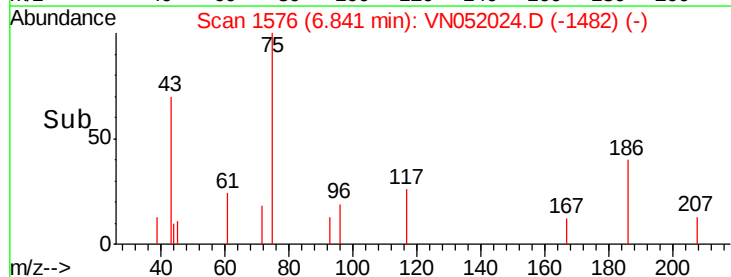
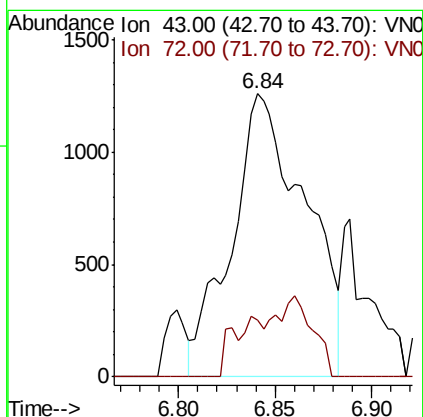
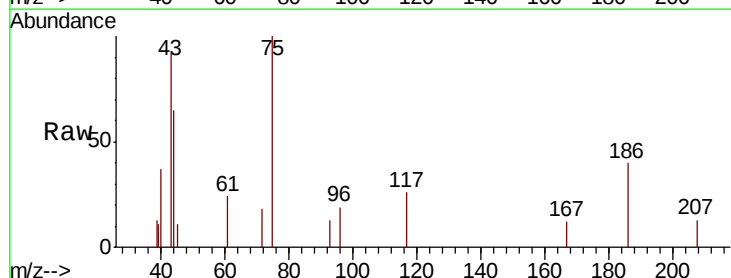
Instrument :
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ClientSampleId :
PB114195ZHE#01

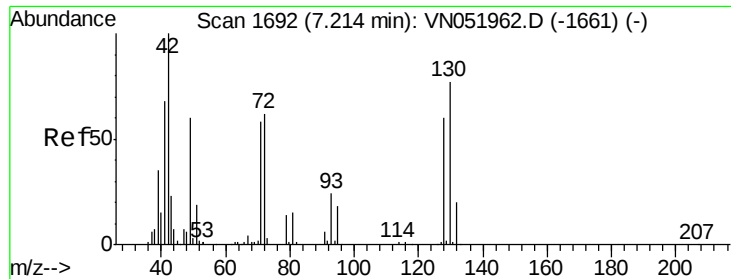
Tot Ion: 84 Resp: 13306
Ion Ratio Lower Upper
84 100
49 97.4 75.4 113.0
51 28.4 23.1 34.7
86 57.8 50.2 75.4



#25
2-Butanone
Concen: 1.277 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Tgt Ion: 43 Resp: 3351
Ion Ratio Lower Upper
43 100
72 22.7 28.5 42.7#

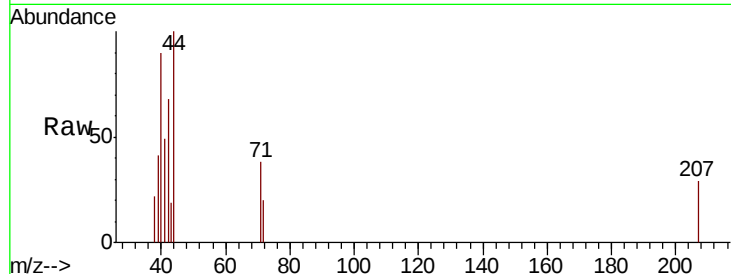




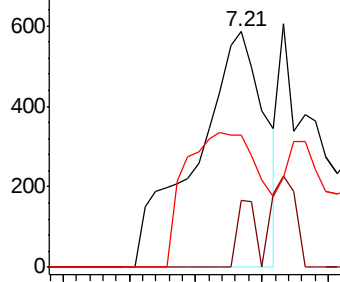
#29
Tetrahydrofuran
Concen: 0.474 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#01

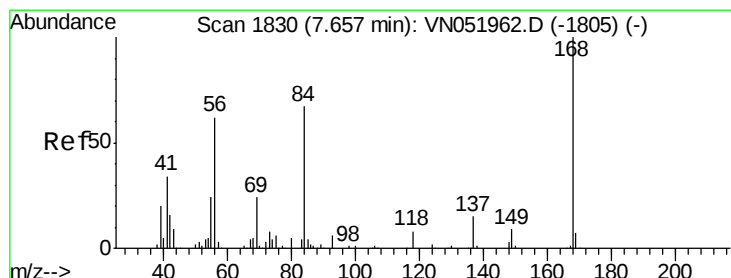
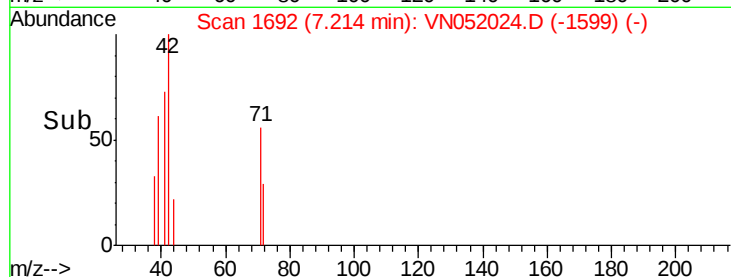
Tot Ion: 42 Resp: 843
Ion Ratio Lower Upper
42 100
72 7.6 47.5 71.3#
71 63.1 45.4 68.2



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

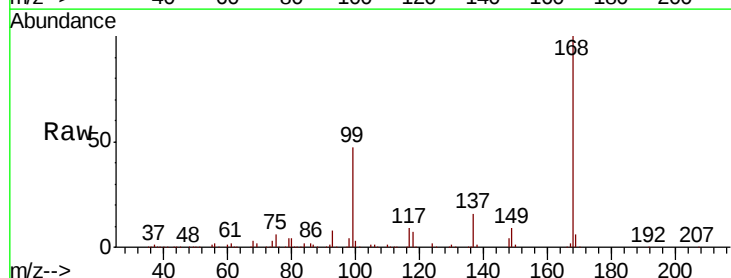


Time--> 7.16 7.18 7.20 7.22

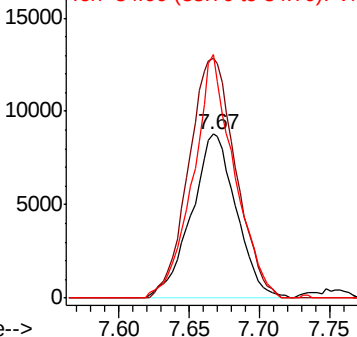


#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

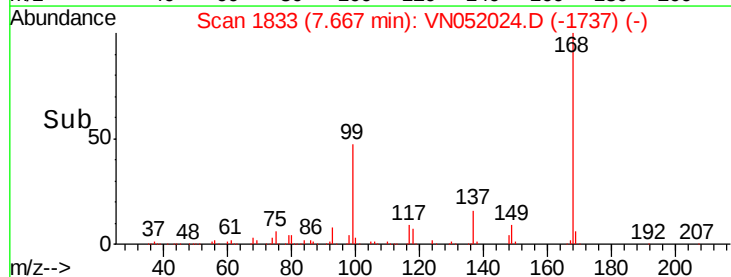
Tgt Ion: 56 Resp: 19525
Ion Ratio Lower Upper
56 100
69 146.5 31.2 46.8#
84 148.5 86.3 129.5#

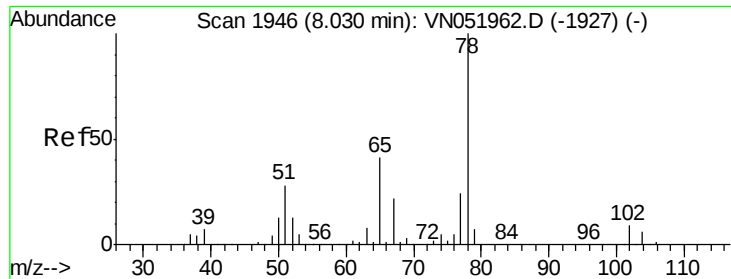


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



Time--> 7.60 7.65 7.70 7.75

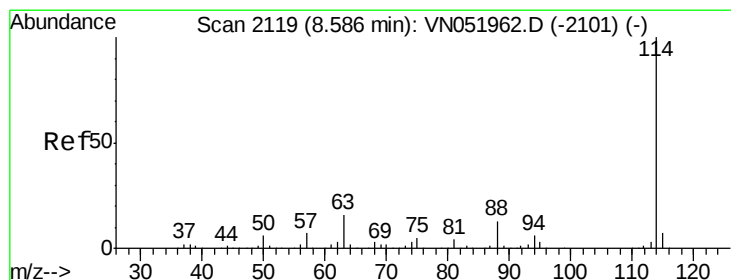
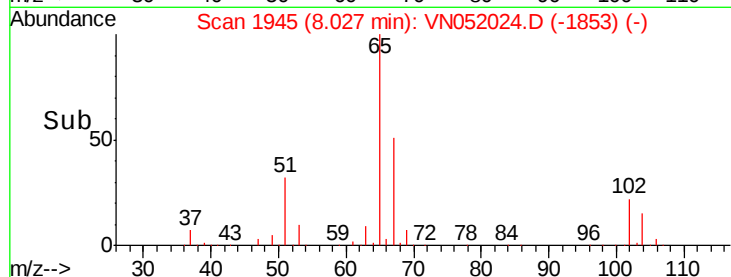
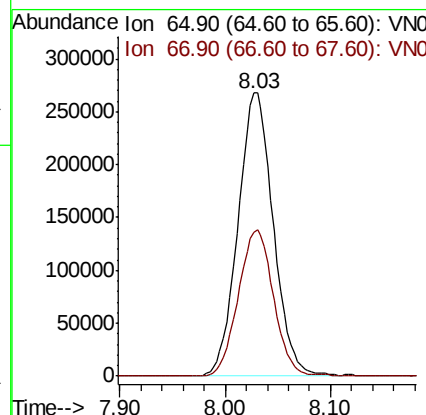
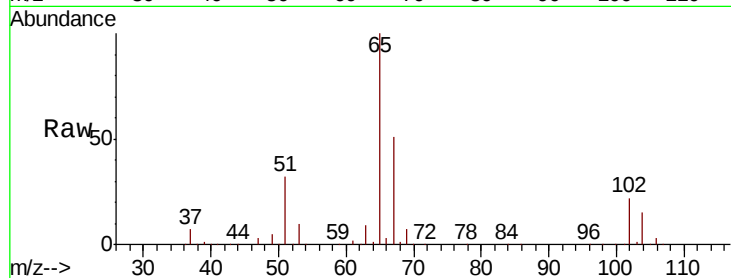




#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

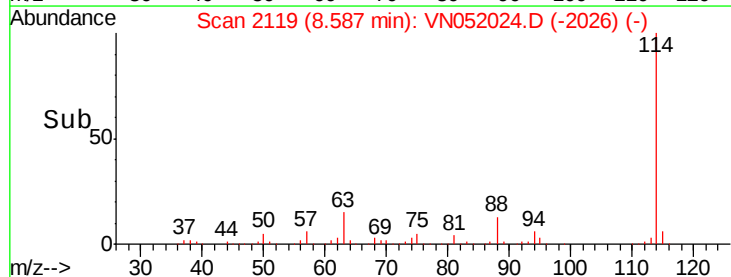
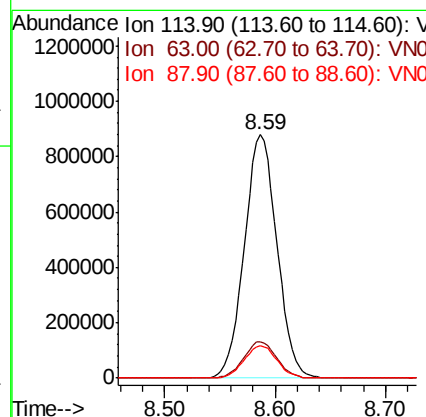
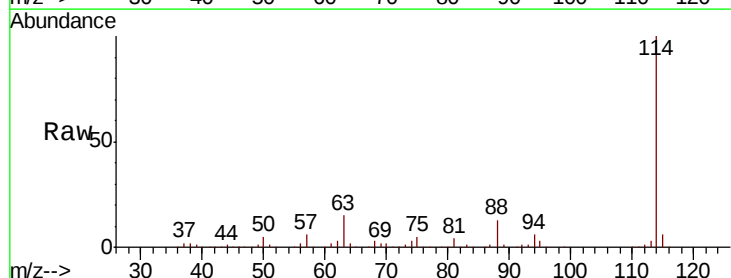
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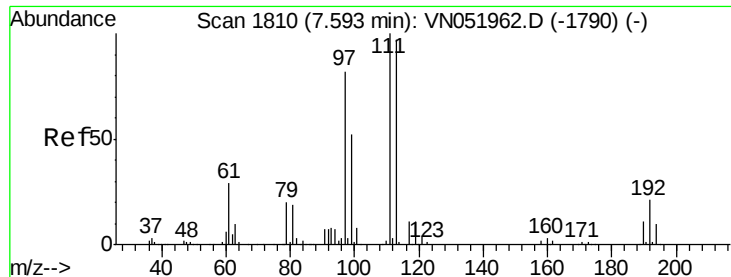
Tot Ion: 65 Resp: 621750
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Tgt Ion: 114 Resp: 1797990
Ion Ratio Lower Upper
114 100
63 15.0 0.0 31.2
88 13.1 0.0 27.0

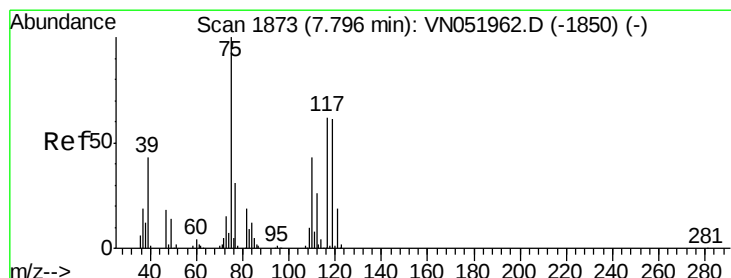
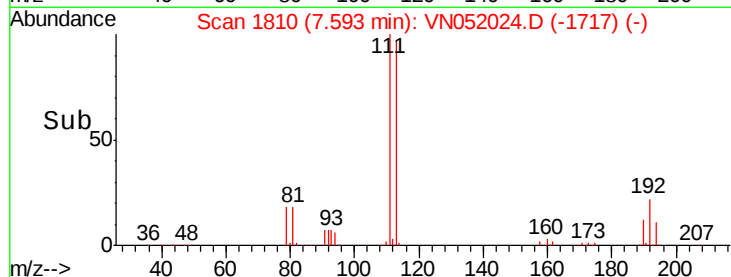
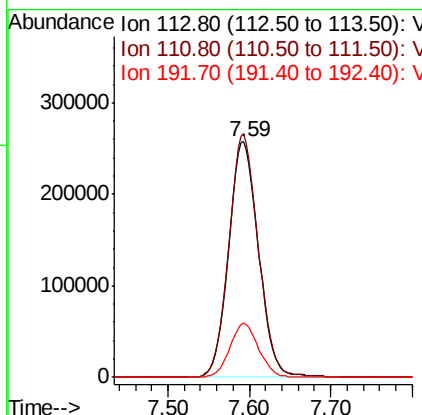
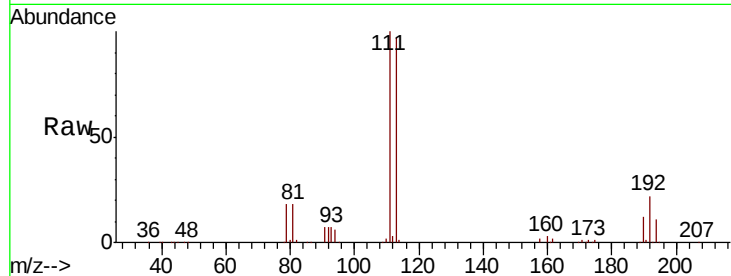




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052024.D
 Acq: 26 Oct 2018 13:26

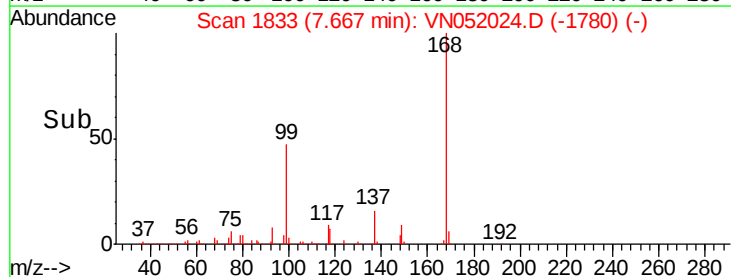
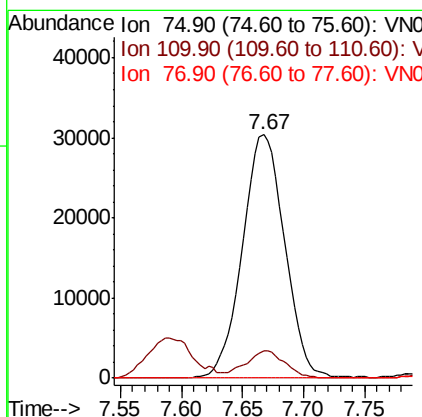
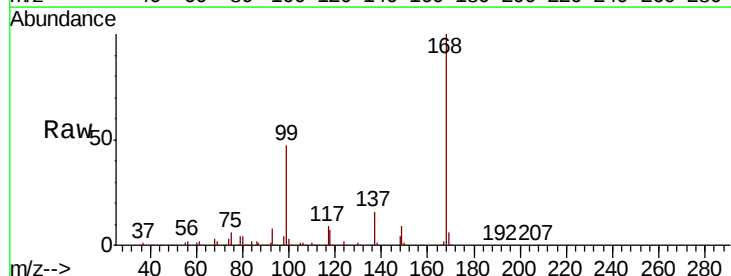
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#01

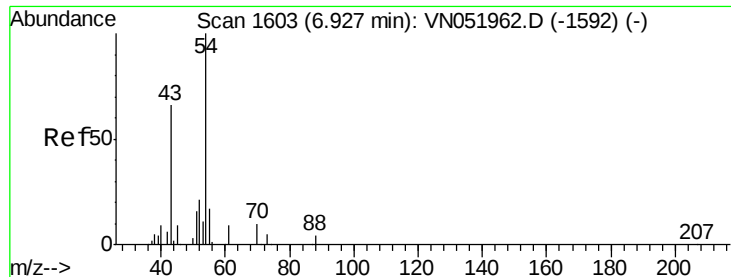
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.7	121.1
192	22.2	17.2	25.8



#36
 1,1-Dichloropropene
 Concen: 5.286 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052024.D
 Acq: 26 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.9	62.8#
77	0.0	24.9	37.3#

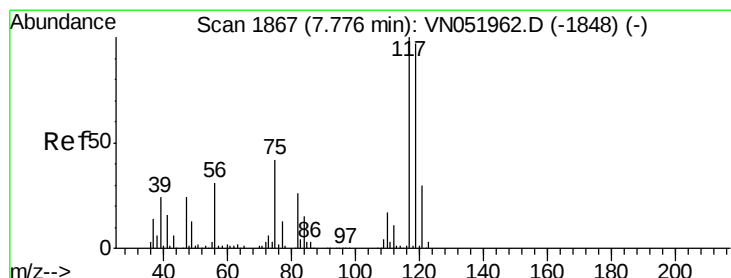
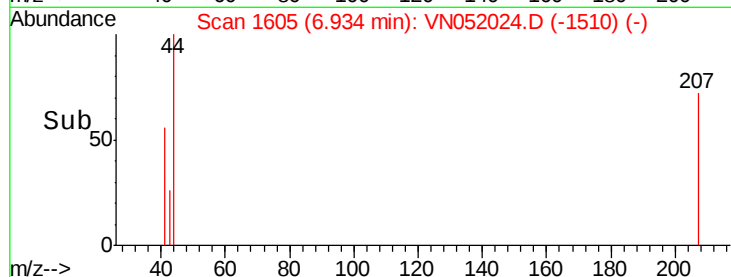
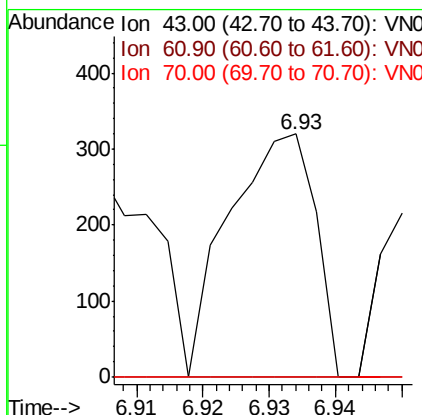
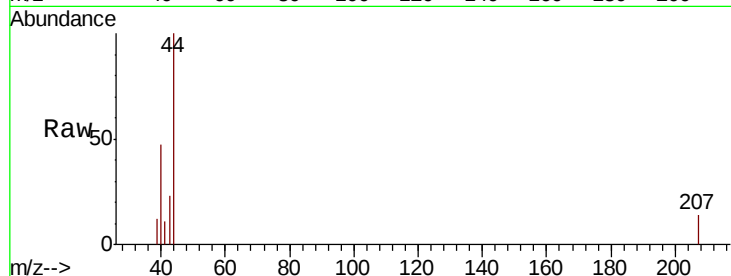




#37
Ethyl Acetate
Concen: Below Cal
RT: 6.93 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

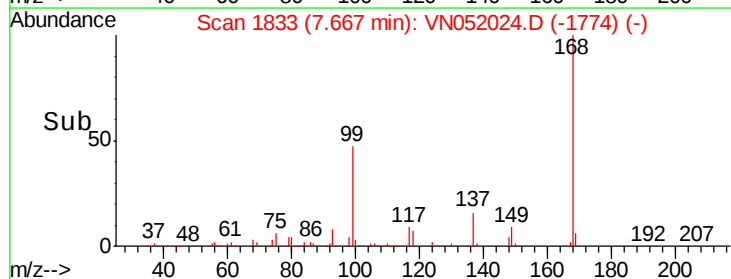
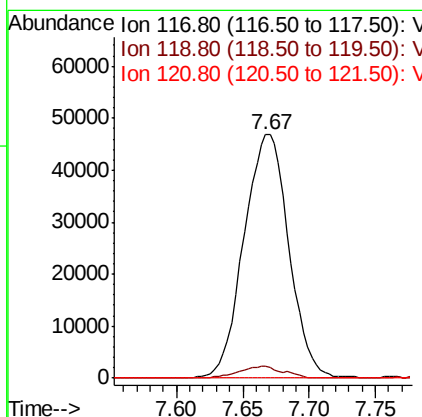
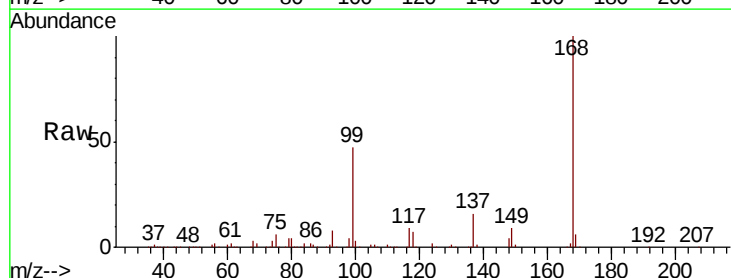
Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#01

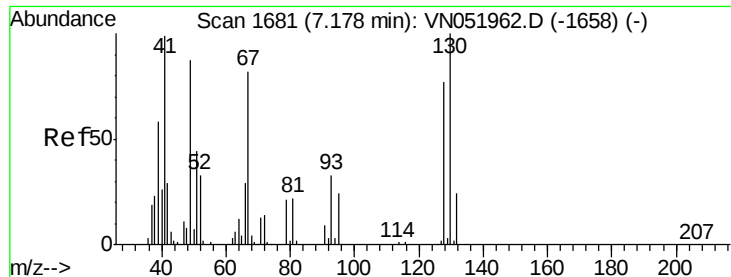
Tot Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
61 0.0 13.5 20.3#
70 0.0 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 6.976 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Tgt Ion: 117 Resp: 110463
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.0#
121 0.0 24.2 36.4#

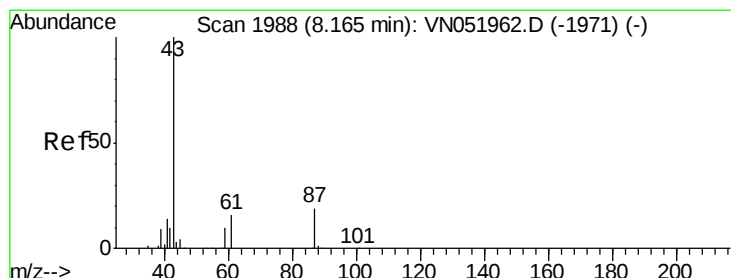
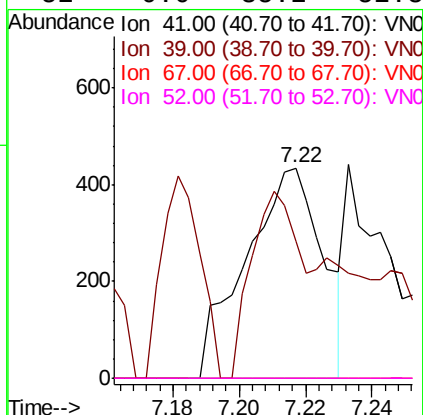
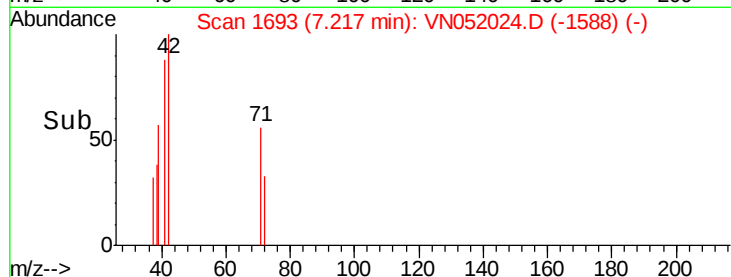
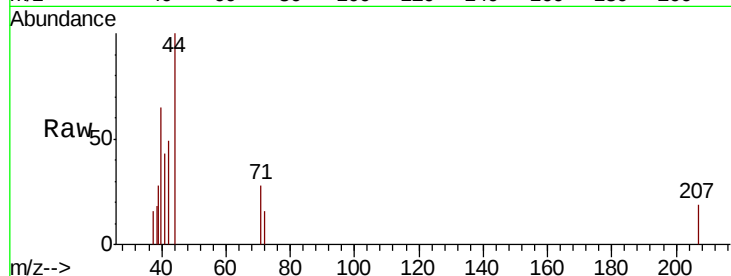




#41
Methacrylonitrile
Concen: 0.226 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.04 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

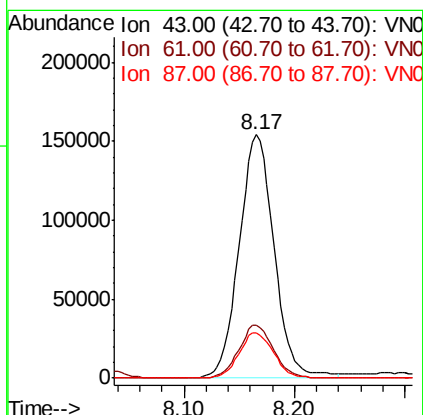
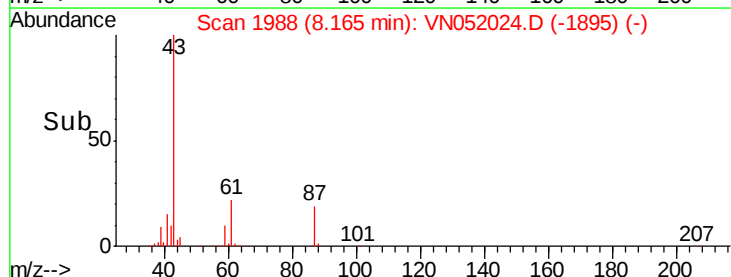
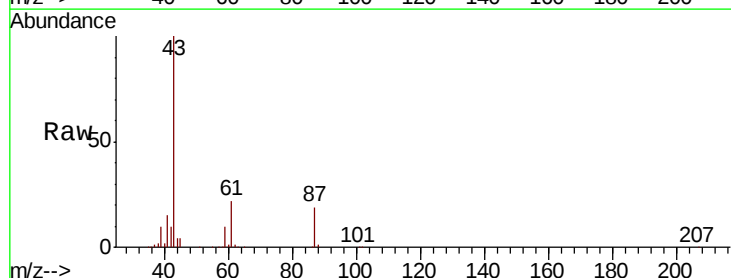
Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#01

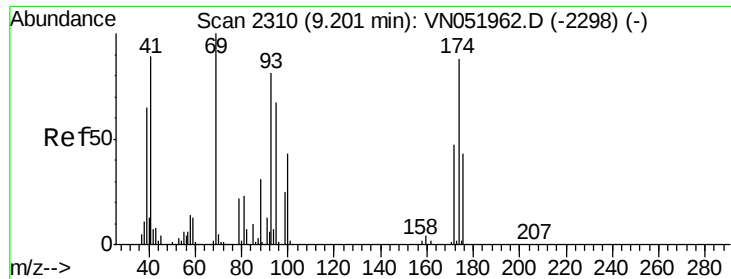
Tot Ion: 41 Resp: 699
Ion Ratio Lower Upper
41 100
39 61.7 53.1 79.7
67 0.0 93.8 140.6#
52 0.0 35.2 52.8#



#43
Isopropyl Acetate
Concen: 29.385 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Tgt Ion: 43 Resp: 339420
Ion Ratio Lower Upper
43 100
61 21.6 17.2 25.8
87 18.5 15.2 22.8

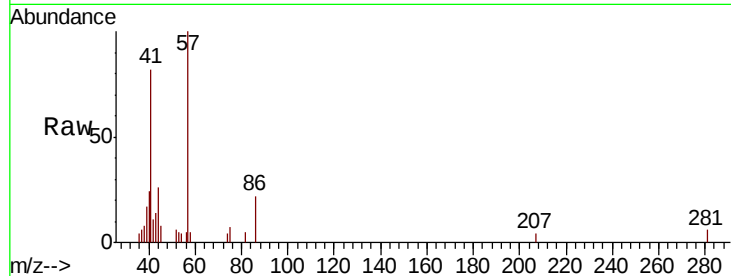




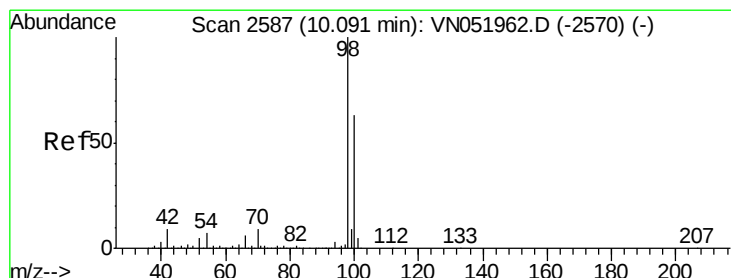
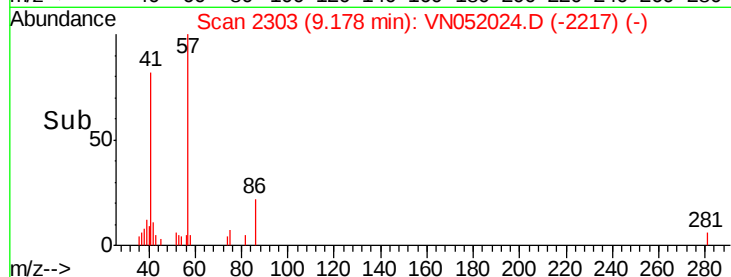
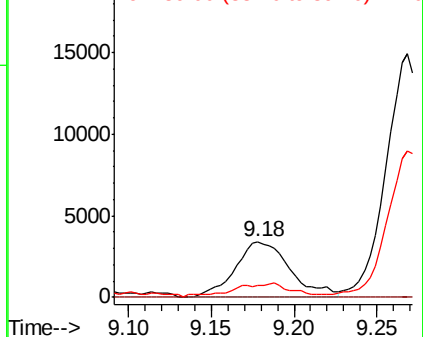
#48
Methvl methacrylate
Concen: 1.411 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#01

Tot Ion: 41 Resp: 7876
Ion Ratio Lower Upper
41 100
69 0.0 92.2 138.4#
39 16.3 60.2 90.4#

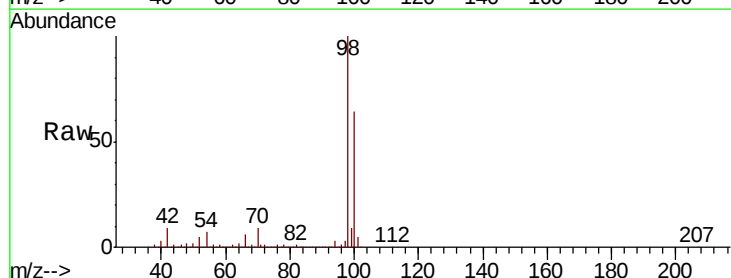


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

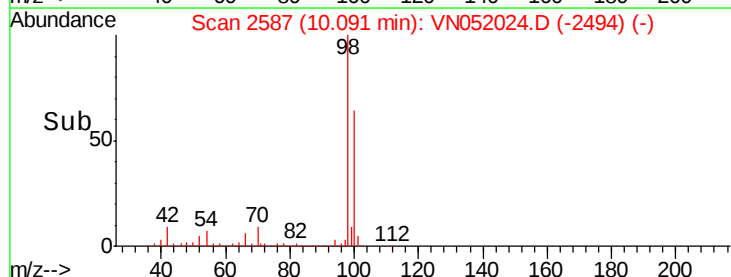
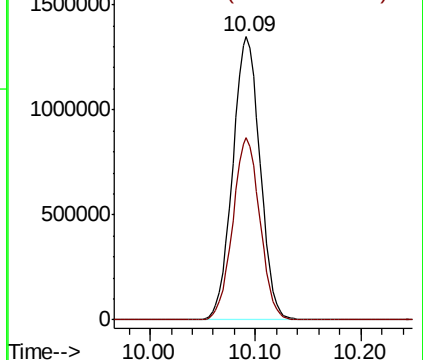


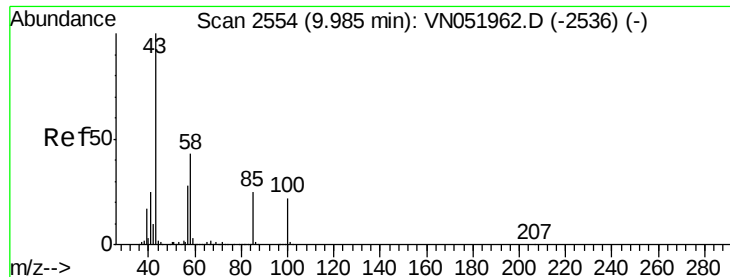
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Tgt Ion: 98 Resp: 2416153
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1



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

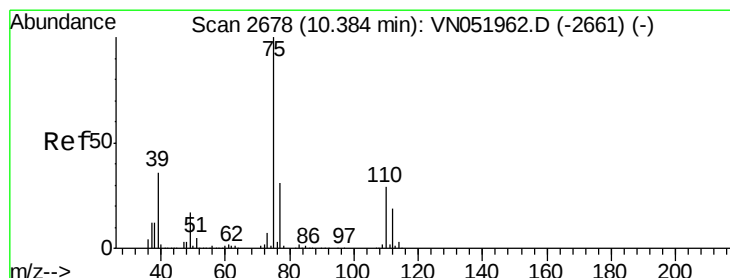
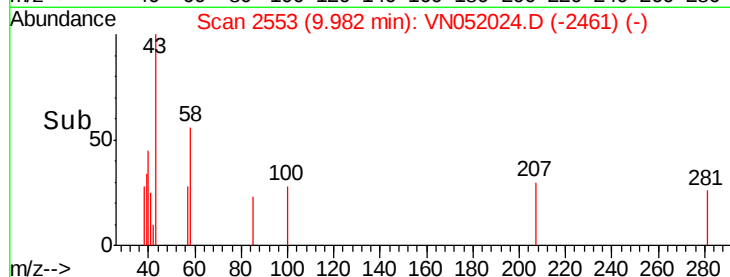
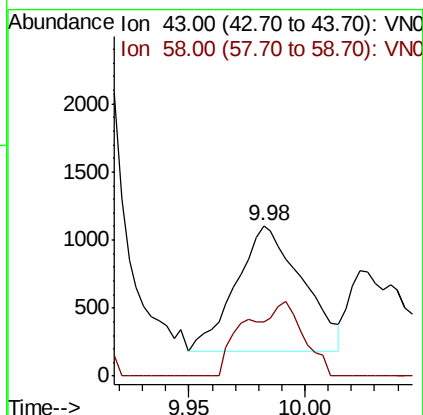
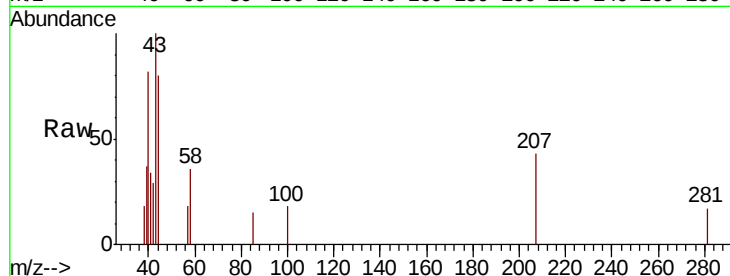




#51
4-Methyl-2-Pentanone
Concen: 0.288 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

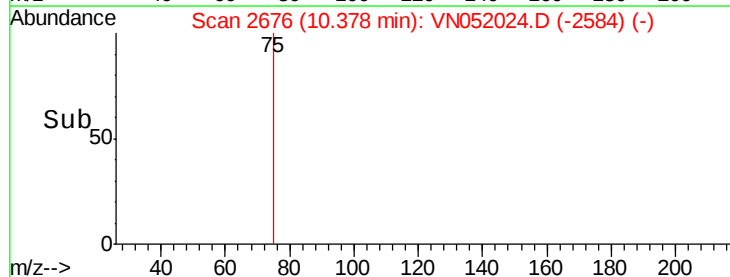
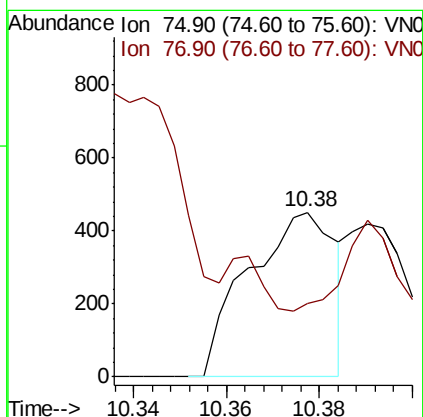
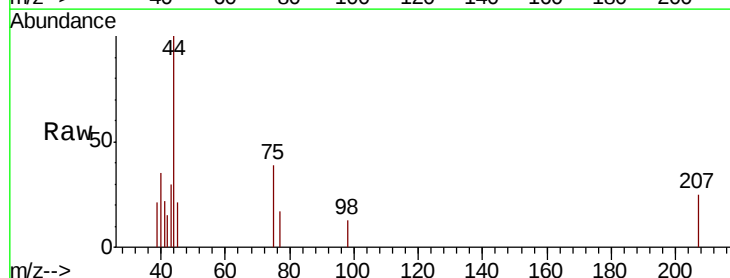
Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#01

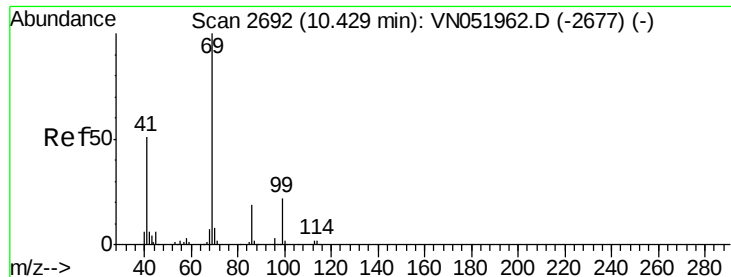
Tot Ion: 43 Resp: 1831
Ion Ratio Lower Upper
43 100
58 52.2 34.8 52.2



#53
t-1,3-Dichloropropene
Concen: 1.284 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Tgt Ion: 75 Resp: 587
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#

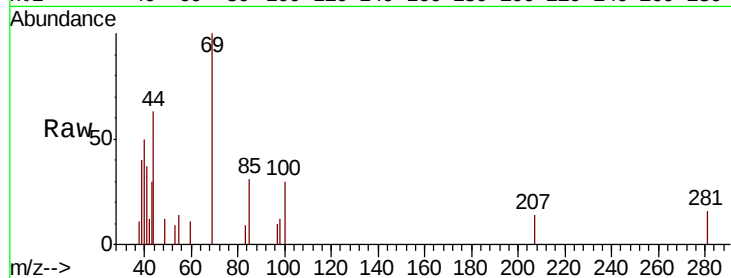




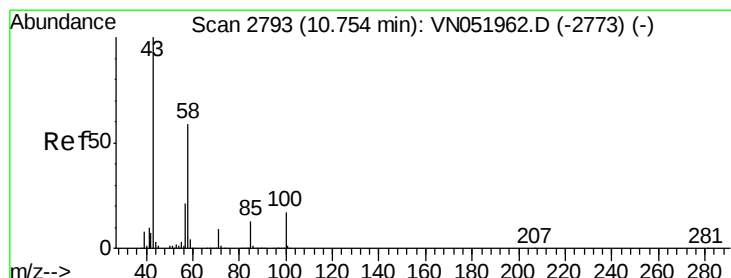
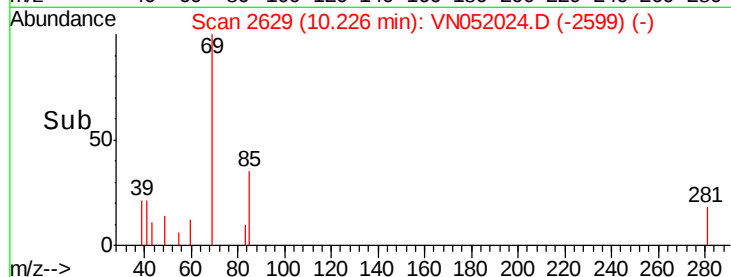
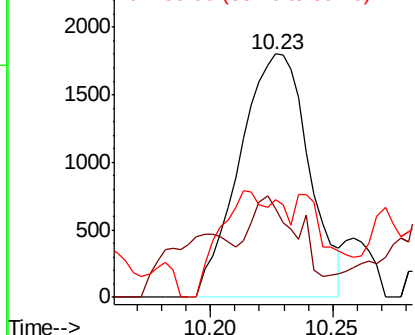
#56
Ethyl methacrylate
Concen: 0.321 ug/l
RT: 10.23 min Scan# 2629
Delta R.T. -0.20 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#01

Tot Ion: 69 Resp: 3545
Ion Ratio Lower Upper
69 100
41 31.0 40.7 61.1#
39 8.3 29.3 43.9#

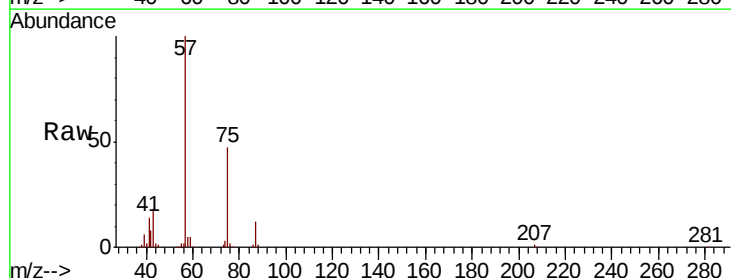


Abundance Ion 69.00 (68.70 to 69.70): VN0
Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

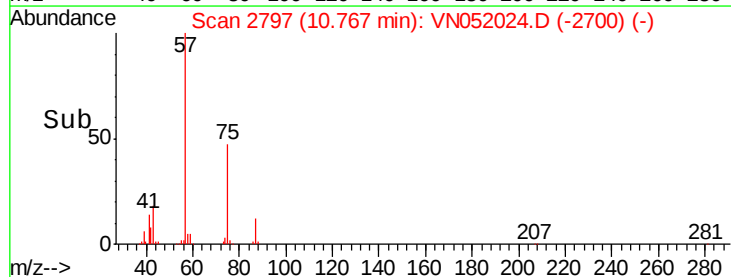
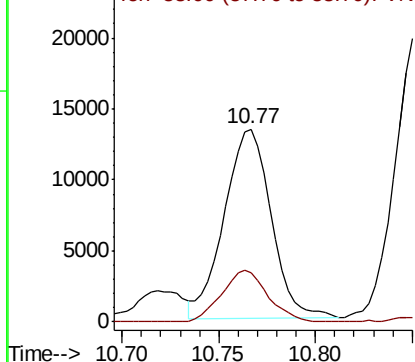


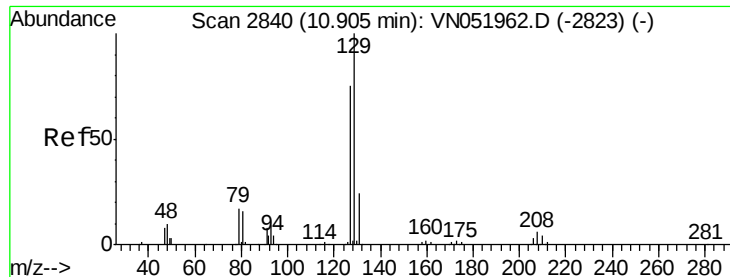
#59
2-Hexanone
Concen: 5.268 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Tgt Ion: 43 Resp: 22490
Ion Ratio Lower Upper
43 100
58 26.6 29.9 89.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#60

Dibromochloromethane

Concen: 1.986 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN052024.D

Acq: 26 Oct 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

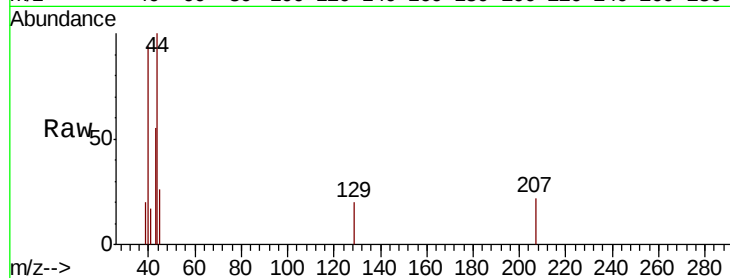
PB114195ZHE#01

Tot Ion:129 Resp: 109

Ion Ratio Lower Upper

129 100

127 0.0 38.0 114.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.90

200

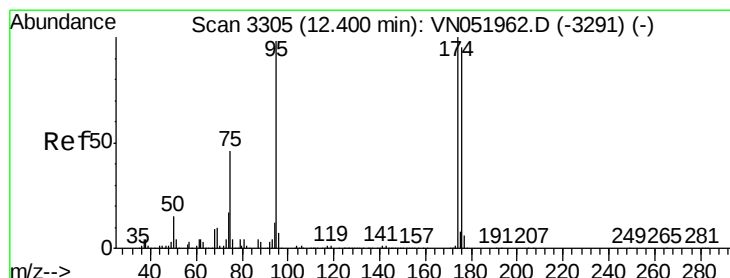
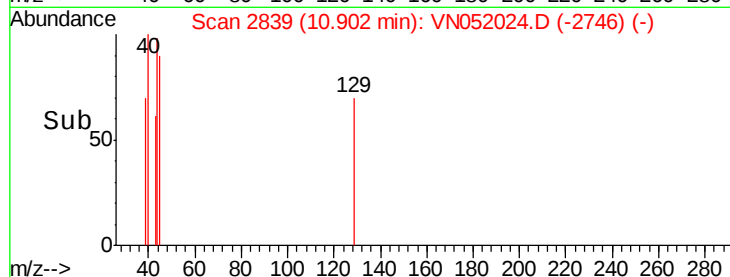
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052024.D

Acq: 26 Oct 2018 13:26

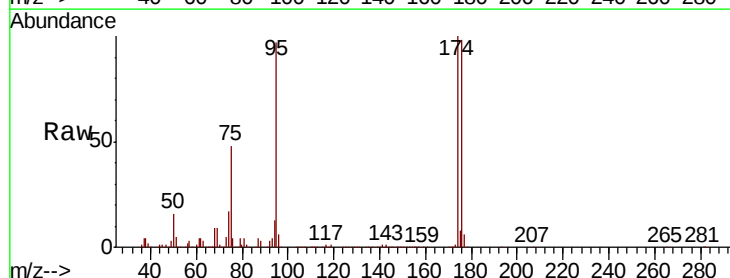
Tgt Ion: 95 Resp: 732928

Ion Ratio Lower Upper

95 100

174 103.5 0.0 206.0

176 100.2 0.0 198.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

500000

400000

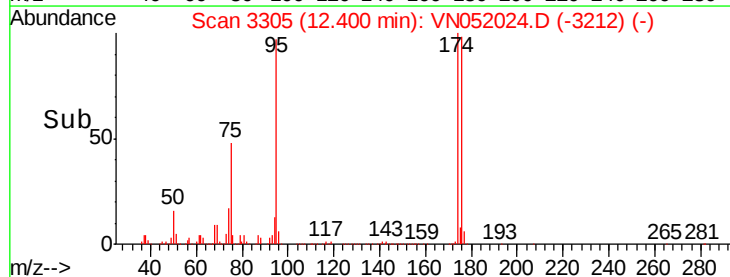
300000

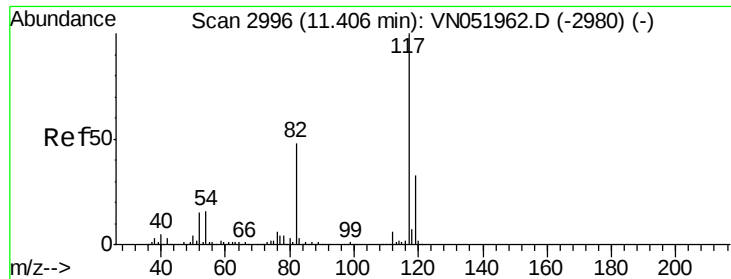
200000

100000

0

Time-->

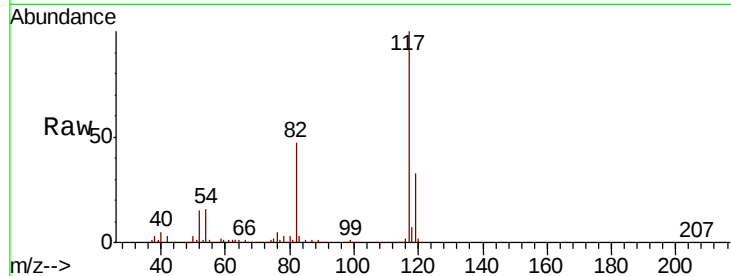




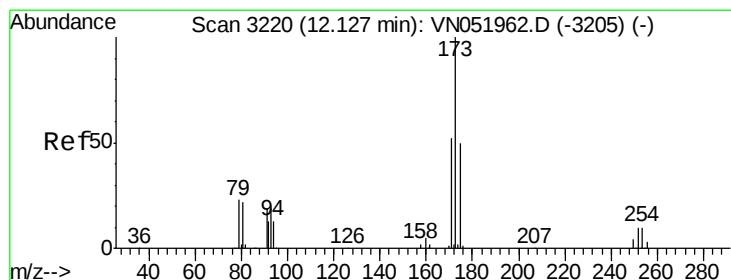
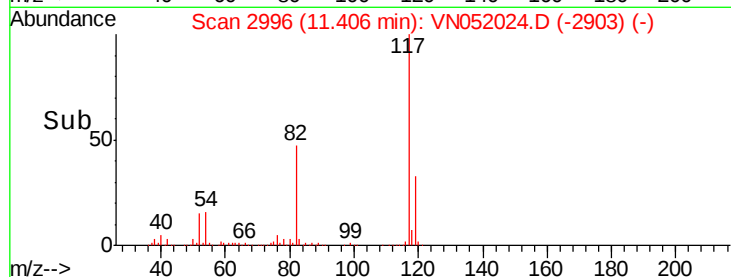
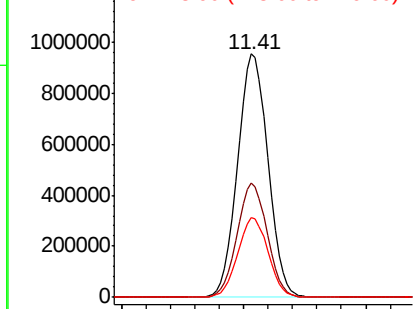
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#01

Tot Ion:117 Resp: 1636694
Ion Ratio Lower Upper
117 100
82 46.8 38.1 57.1
119 32.6 26.4 39.6

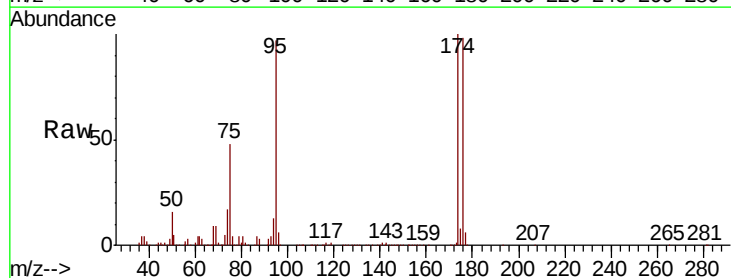


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

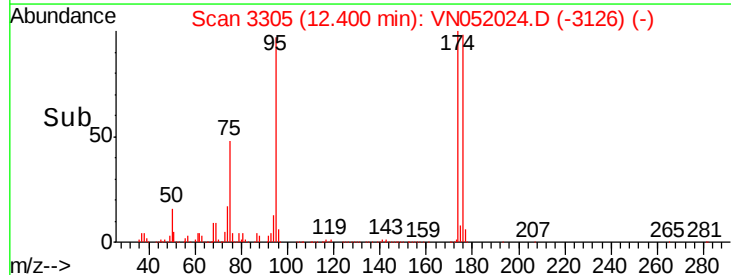
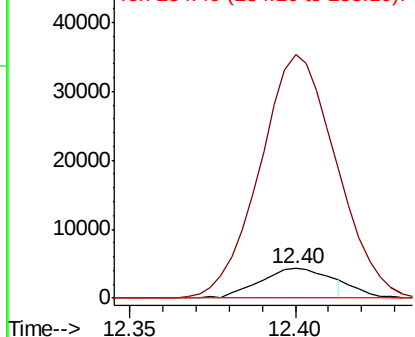


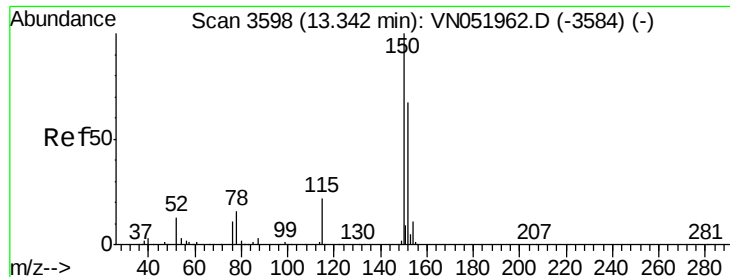
#71
Bromoform
Concen: 4.348 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Tgt Ion:173 Resp: 6219
Ion Ratio Lower Upper
173 100
175 812.7 24.6 74.0#
254 0.0 0.1 0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052024.D

Acq: 26 Oct 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#01

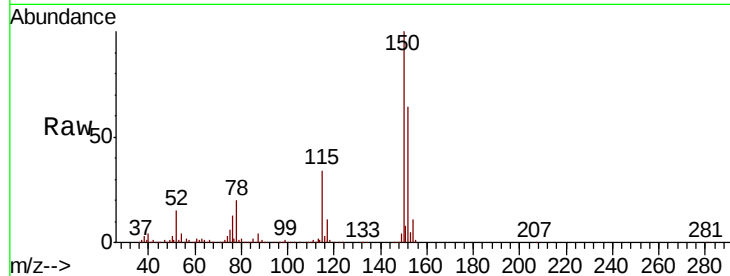
Tot Ion:152 Resp: 703710

Ion Ratio Lower Upper

152 100

115 53.0 25.8 77.3

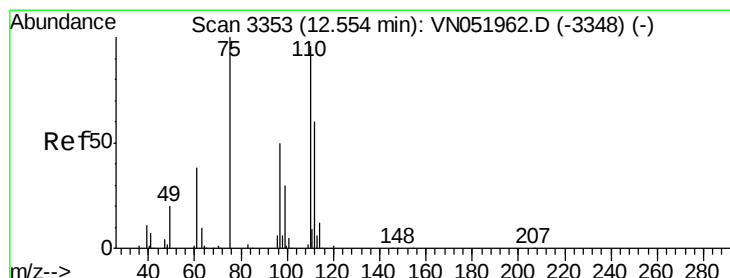
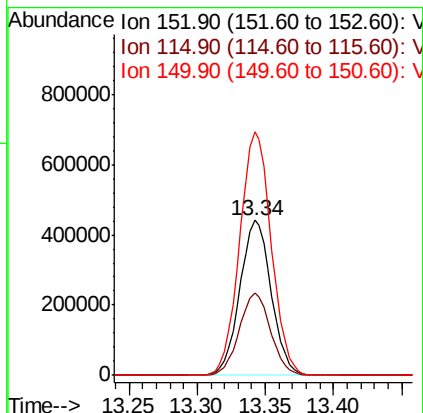
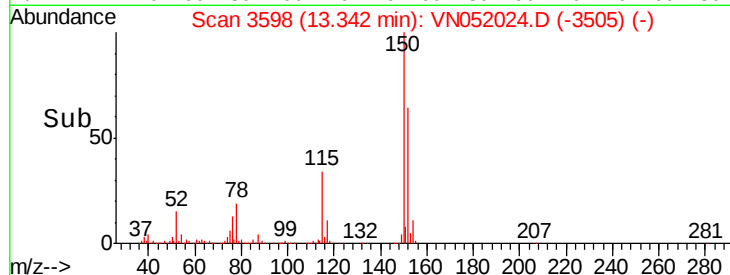
150 157.7 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 48.198 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052024.D

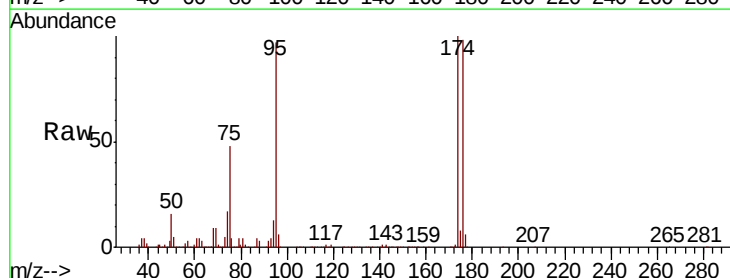
Acq: 26 Oct 2018 13:26

Tgt Ion: 75 Resp: 350348

Ion Ratio Lower Upper

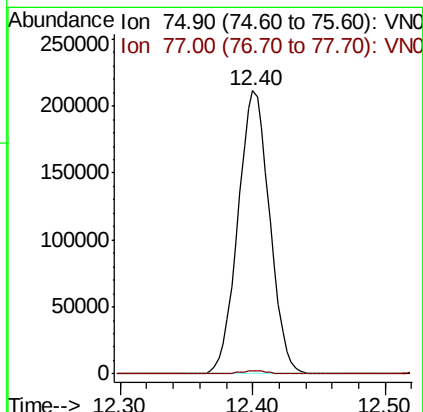
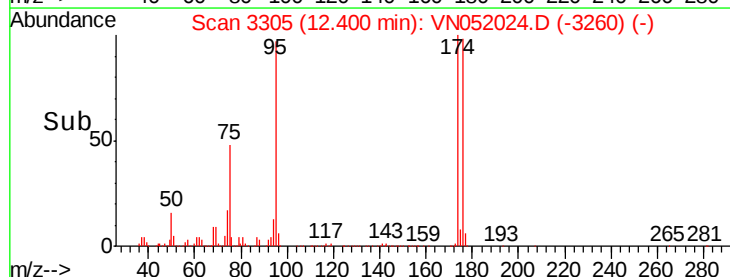
75 100

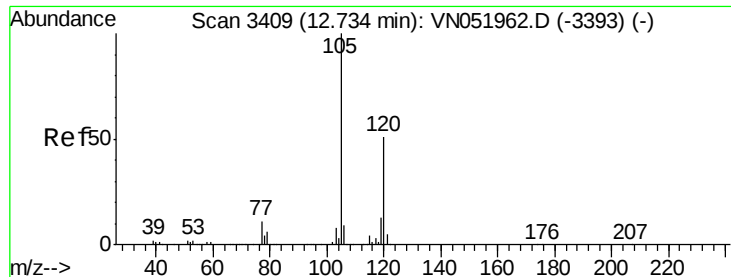
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

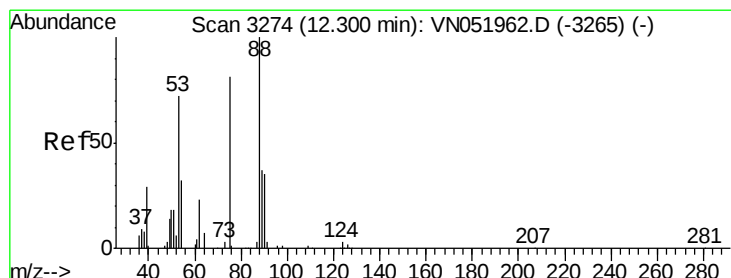
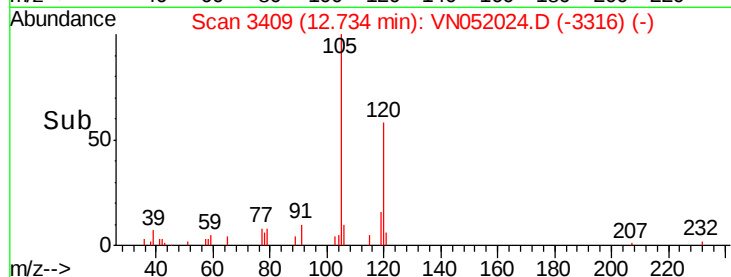
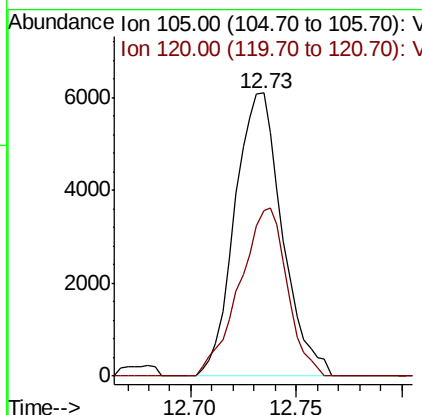
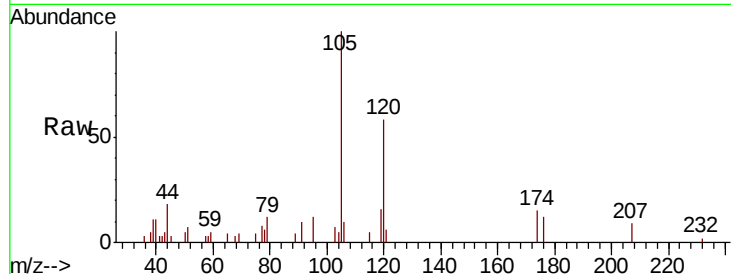




#80
 1,3,5-Trimethylbenzene
 Concen: 0.266 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052024.D
 Acq: 26 Oct 2018 13:26

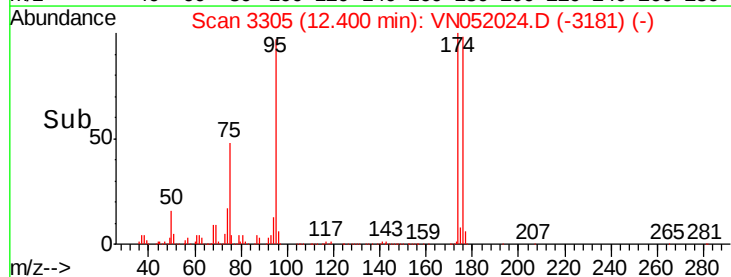
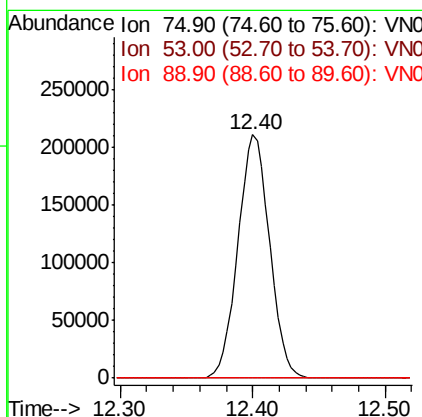
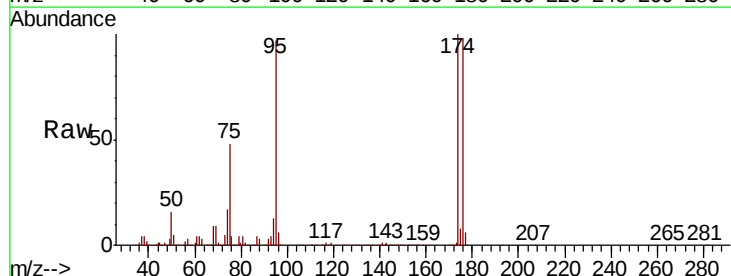
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#01

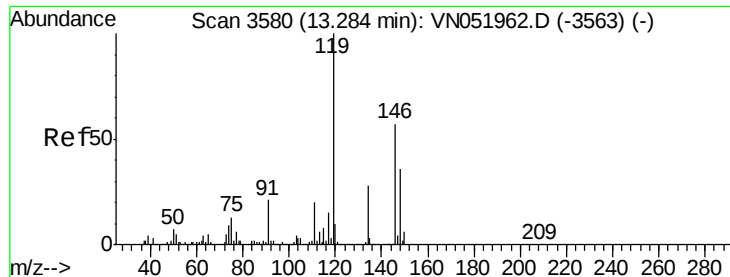
Tot Ion:105 Resp: 9512
 Ion Ratio Lower Upper
 105 100
 120 59.6 25.7 77.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.568 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN052024.D
 Acq: 26 Oct 2018 13:26

Tgt Ion: 75 Resp: 350348
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.5 110.3#
 89 0.0 41.6 62.4#





#87

1,3-Dichlorobenzene

Concen: 0.258 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN052024.D

Acq: 26 Oct 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#01

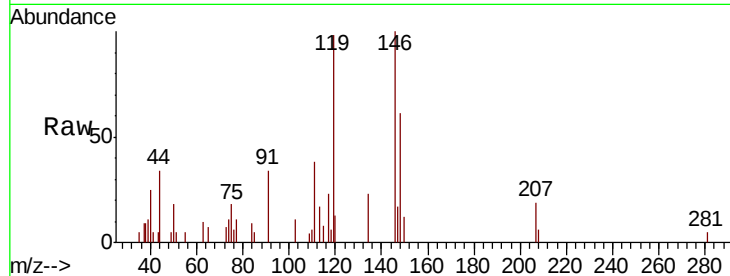
Tot Ion:146 Resp: 5856

Ion Ratio Lower Upper

146 100

111 39.6 17.6 52.8

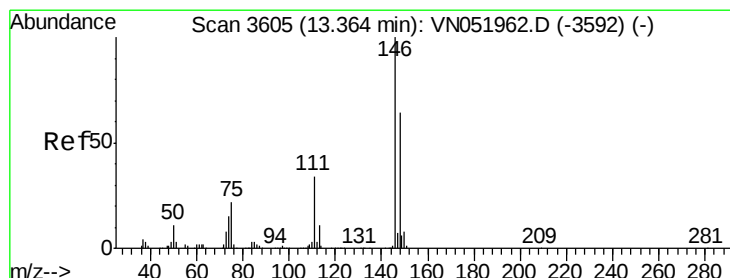
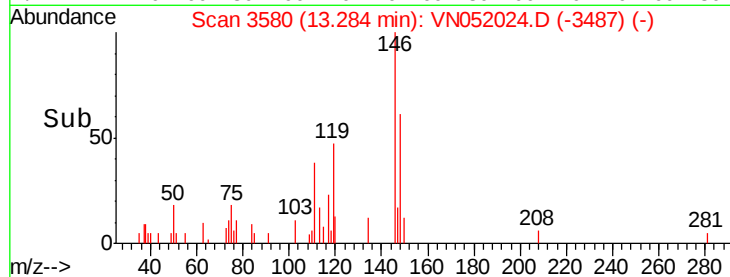
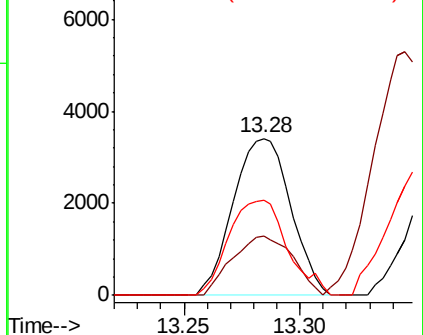
148 61.7 32.0 96.0



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: 0.261 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.08 min

Lab File: VN052024.D

Acq: 26 Oct 2018 13:26

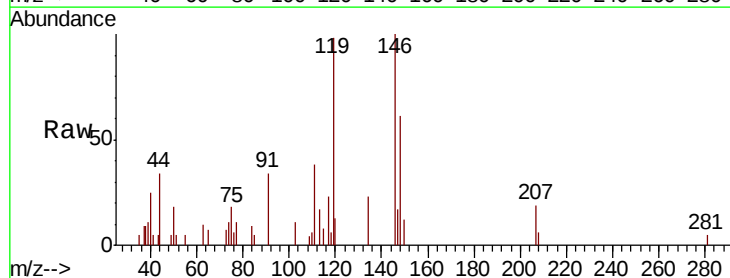
Tgt Ion:146 Resp: 5856

Ion Ratio Lower Upper

146 100

111 39.6 17.3 51.7

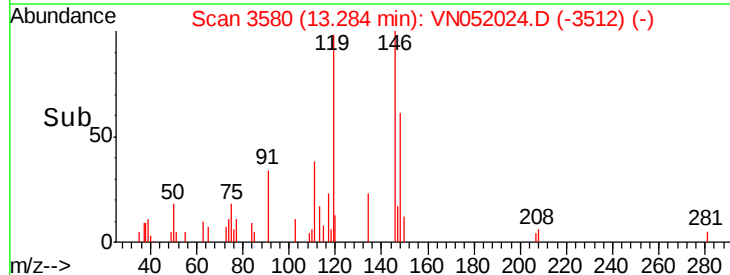
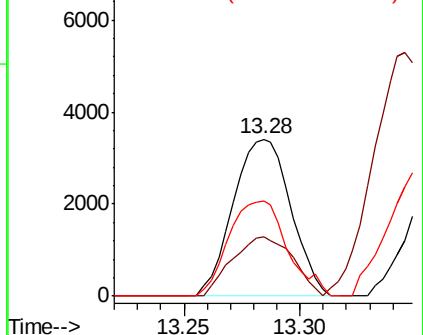
148 61.7 32.1 96.3

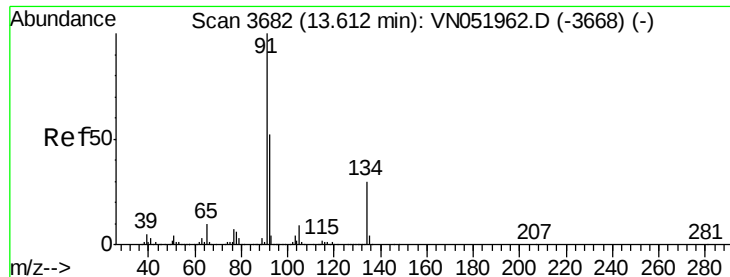


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

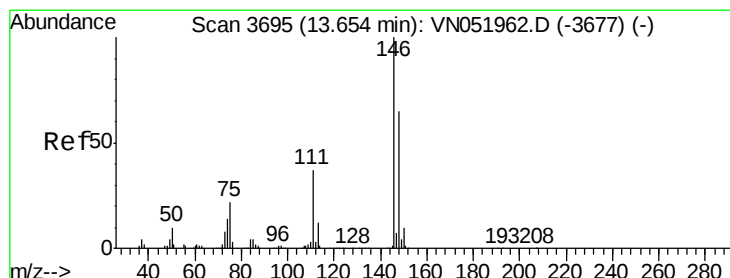
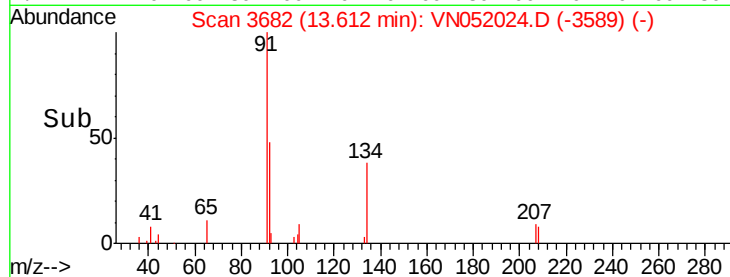
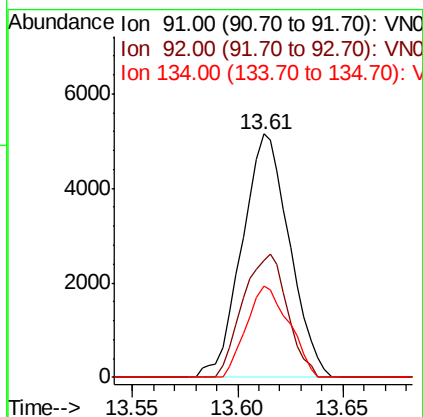
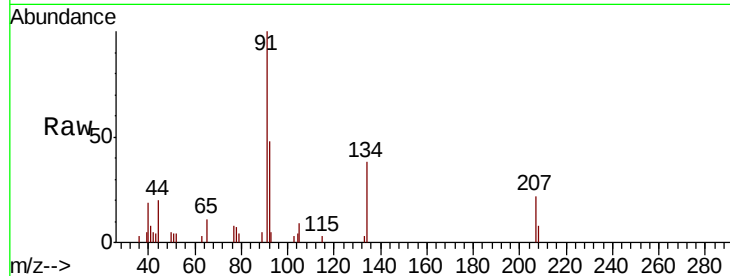




#89
n-Butylbenzene
Concen: 0.254 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

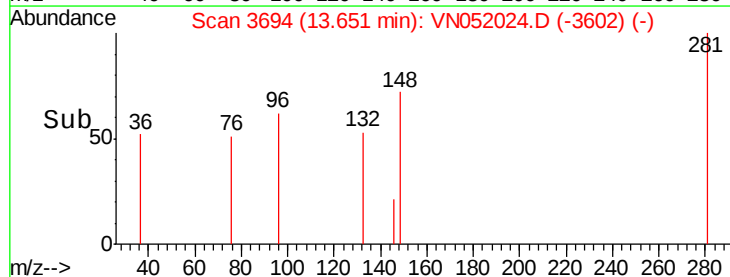
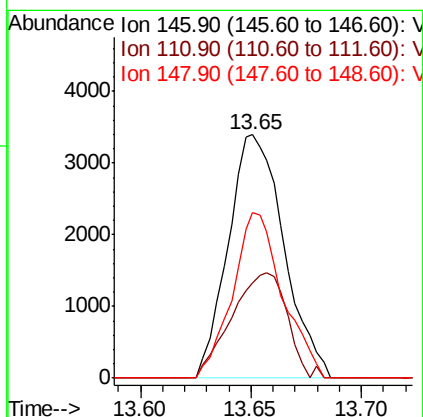
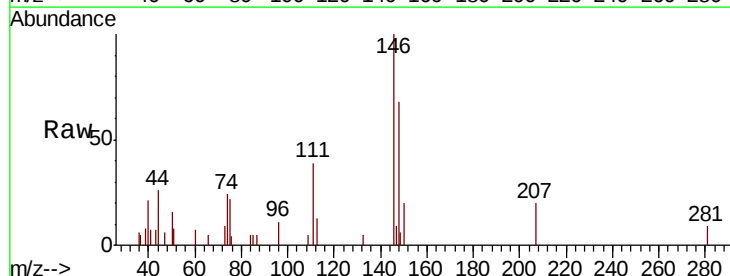
Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#01

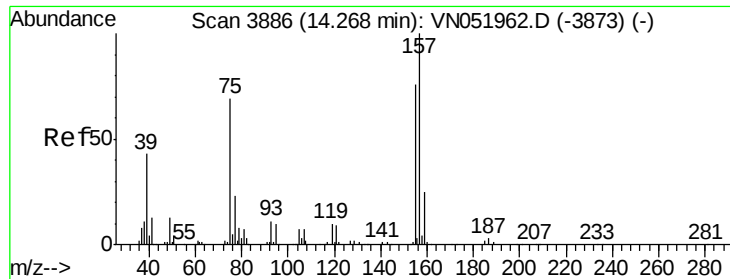
Tot Ion: 91 Resp: 8041
Ion Ratio Lower Upper
91 100
92 47.5 25.9 77.8
134 33.7 15.2 45.6



#91
1,2-Dichlorobenzene
Concen: 0.271 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. -0.00 min
Lab File: VN052024.D
Acq: 26 Oct 2018 13:26

Tgt Ion: 146 Resp: 5948
Ion Ratio Lower Upper
146 100
111 43.2 18.3 54.9
148 61.0 32.4 97.0

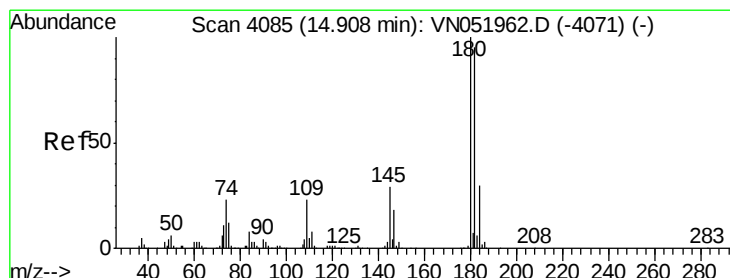
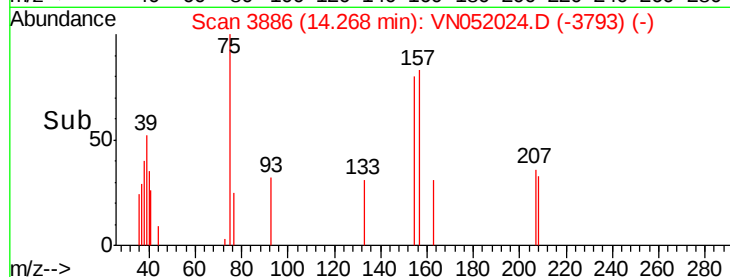
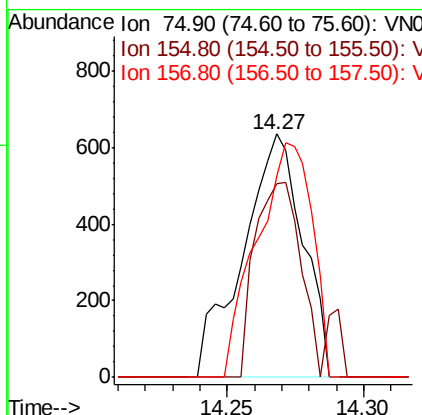
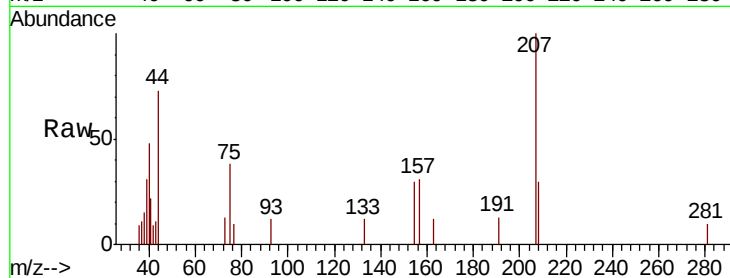




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.683 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052024.D
 Acq: 26 Oct 2018 13:26

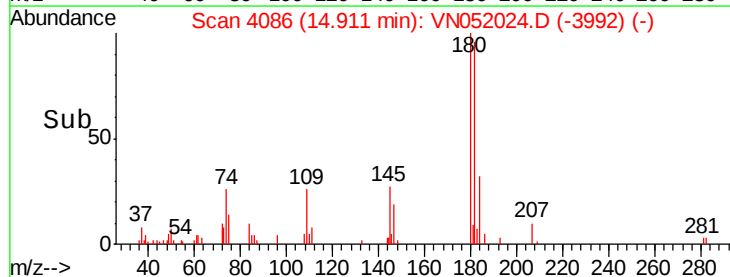
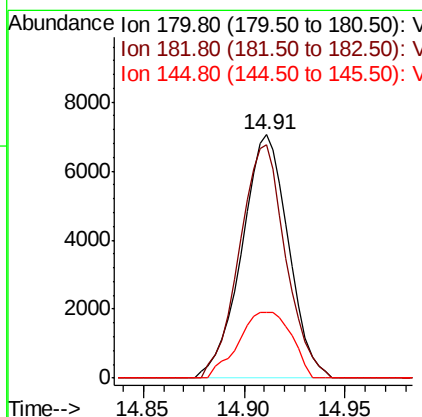
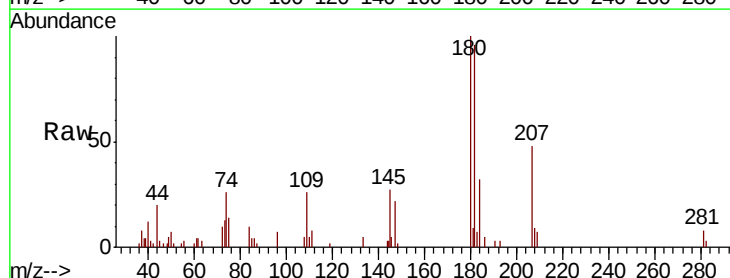
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#01

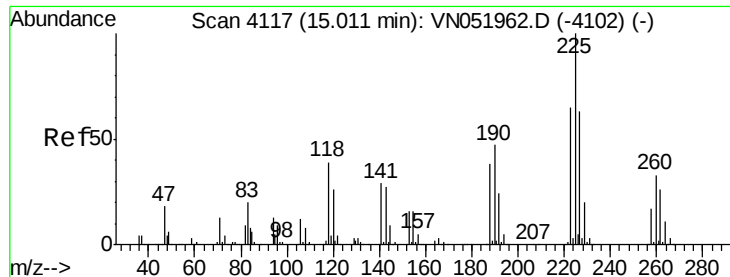
Tot Ion: 75 Resp: 967
 Ion Ratio Lower Upper
 75 100
 155 61.1 56.0 167.9
 157 89.8 73.9 221.6



#93
 1,2,4-Trichlorobenzene
 Concen: 0.878 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052024.D
 Acq: 26 Oct 2018 13:26

Tgt Ion: 180 Resp: 11404
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.4
 145 30.7 14.5 43.5





#94

Hexachlorobutadiene

Concen: 0.824 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN052024.D

Acq: 26 Oct 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#01

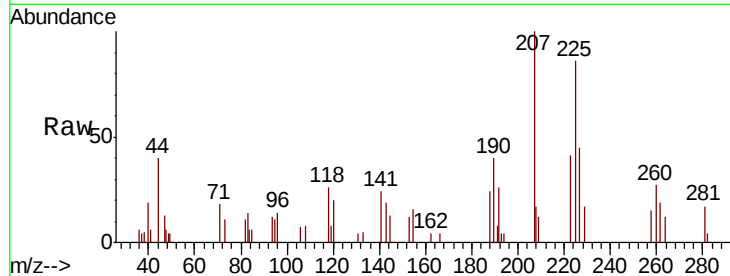
Tot Ion:225 Resp: 5499

Ion Ratio Lower Upper

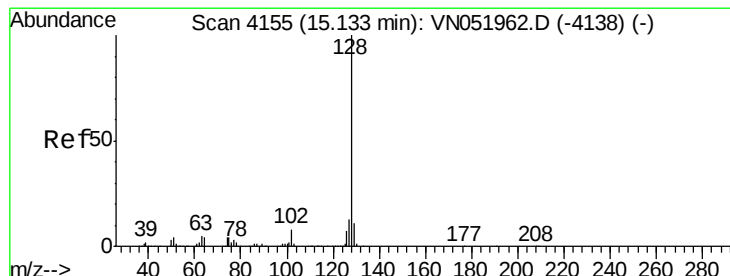
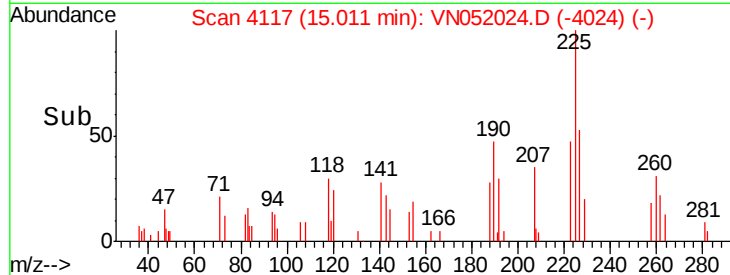
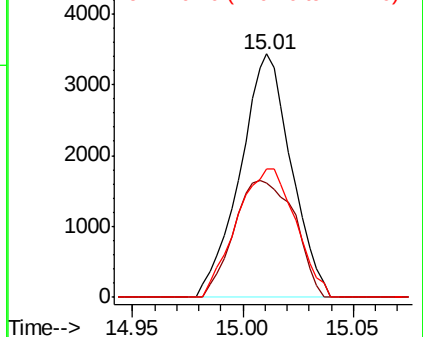
225 100

223 56.9 31.8 95.4

227 61.0 31.4 94.2



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: 0.835 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052024.D

Acq: 26 Oct 2018 13:26

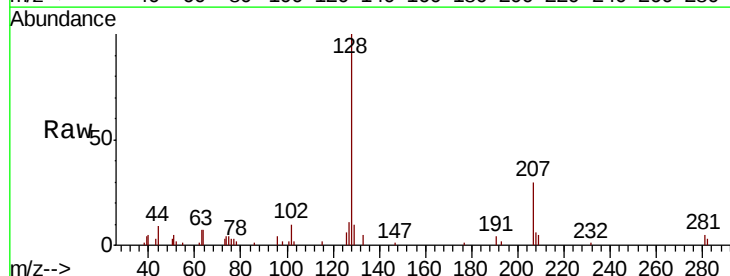
Tgt Ion:128 Resp: 23545

Ion Ratio Lower Upper

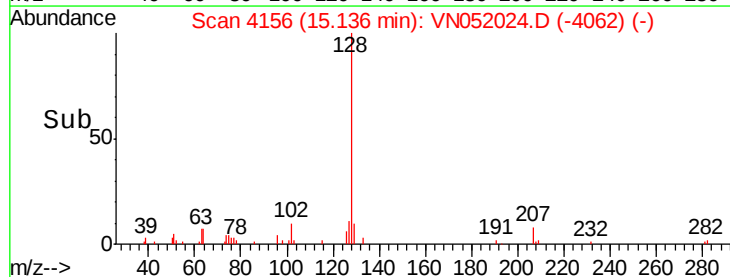
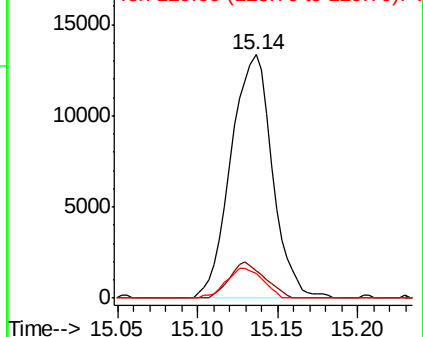
128 100

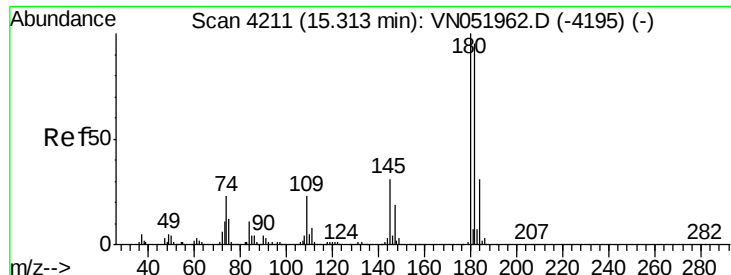
127 12.5 10.3 15.5

129 10.9 8.6 13.0



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: 1.039 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN052024.D
 Acq: 26 Oct 2018 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.9	143.6
145	27.7	15.4	46.2

