

Data File : VN059943.D
Acq On : 31 Jan 2020 13:26
Operator : JC/MD
Sample : PB126487TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB126487TB

Quant Time: Feb 03 01:19:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	177776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	270206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	238081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	102347	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	95607	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	7.57	113	81315	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.08	98	321205	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.40	95	106705	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	3780	Below Cal		99
17) Carbon Disulfide	4.03	76	984	0.212	ug/l #	75
18) Methyl Acetate	4.31	43	1537	0.667	ug/l #	54
20) Methylene Chloride	4.53	84	4862	1.466	ug/l #	78
25) 2-Butanone	6.82	43	1420	1.270	ug/l #	50
31) Cyclohexane	7.64	56	3373	1.155	ug/l #	10
36) 1,1-Dichloropropene	7.64	75	12523	5.322	ug/l #	51
37) Ethyl Acetate	6.82	43	1420	0.643	ug/l #	69
38) Carbon Tetrachloride	7.64	117	16197	6.328	ug/l #	16
43) Isopropyl Acetate	8.14	43	51699	13.619	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	1159	0.667	ug/l #	44
48) Methyl methacrylate	9.17	41	2743	1.615	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	3875	1.766	ug/l	97
52) Toluene	10.14	92	2073	0.468	ug/l	100
54) cis-1,3-Dichloropropene	9.89	75	24129	8.320	ug/l #	58
56) Ethyl methacrylate	10.53	69	590	0.220	ug/l #	1
57) 1,3-Dichloropropane	10.75	76	4130	1.482	ug/l #	42
59) 2-Hexanone	10.75	43	56119	34.714	ug/l #	56
74) N-amyl acetate	12.02	43	1539	0.528	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	55137	32.012	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4136	0.655	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	55137	68.745	ug/l #	11
82) 4-Chlorotoluene	12.77	91	1103	0.219	ug/l	92
87) 1,3-Dichlorobenzene	13.28	146	832	0.252	ug/l	92
88) 1,4-Dichlorobenzene	13.28	146	832	0.253	ug/l	92
89) n-Butylbenzene	13.61	91	1830	0.323	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	990	0.303	ug/l	74
92) 1,2-Dibromo-3-Chloropropan	14.27	75	247	Below Cal	#	6
93) 1,2,4-Trichlorobenzene	14.91	180	1929	0.983	ug/l	92
94) Hexachlorobutadiene	15.01	225	685	0.634	ug/l	78
95) Naphthalene	15.13	128	8658	1.552	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	2443	1.280	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013120\
Quantitation Report (Not Reviewed)

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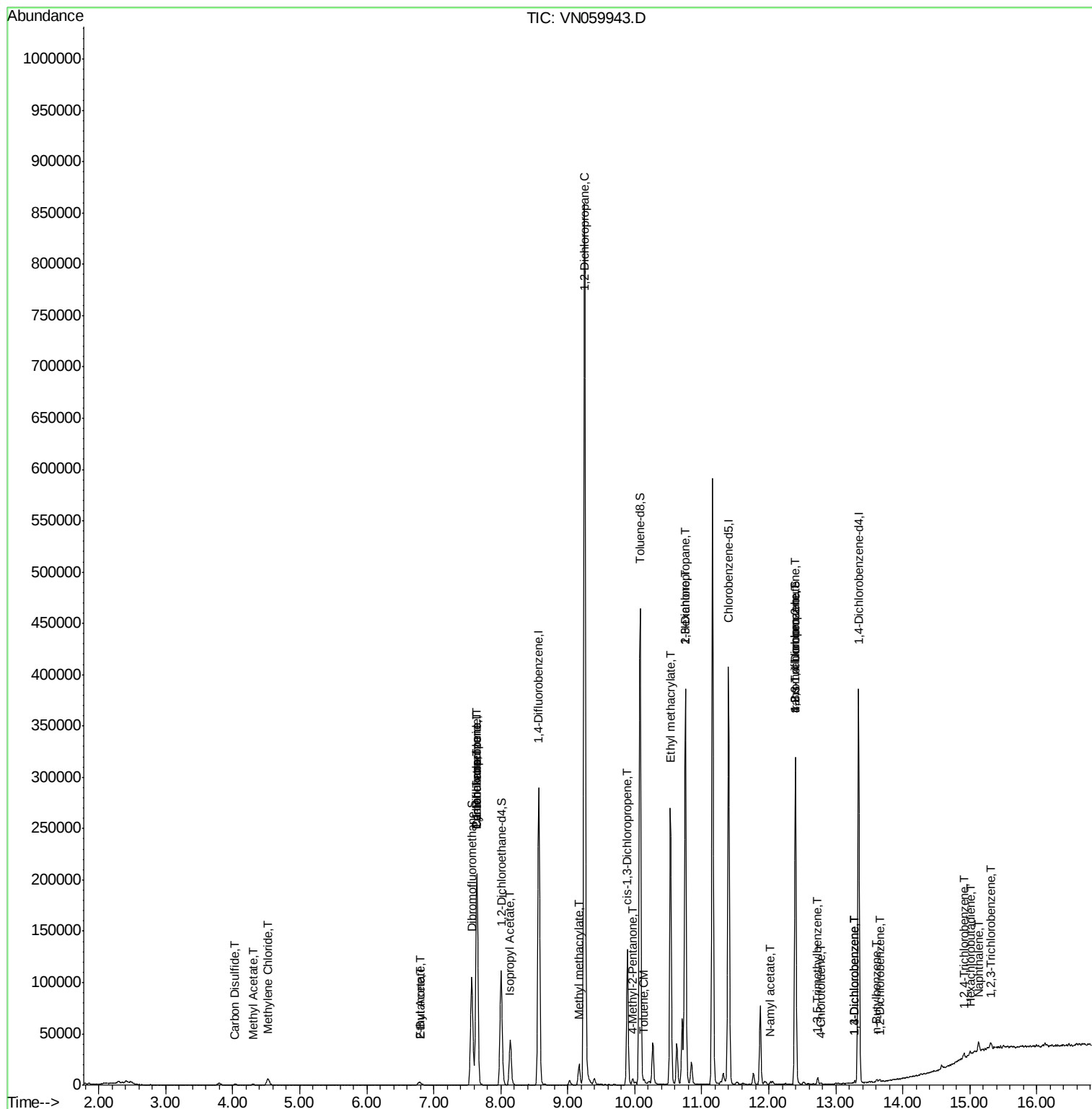
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

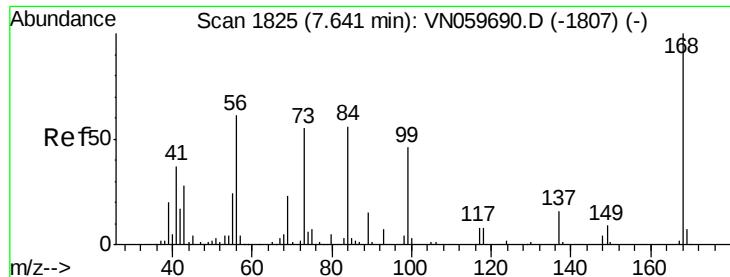
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

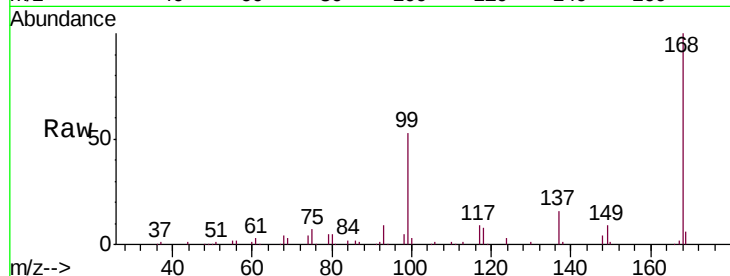
PB126487TB

Tgt Ion:168 Resp: 177776

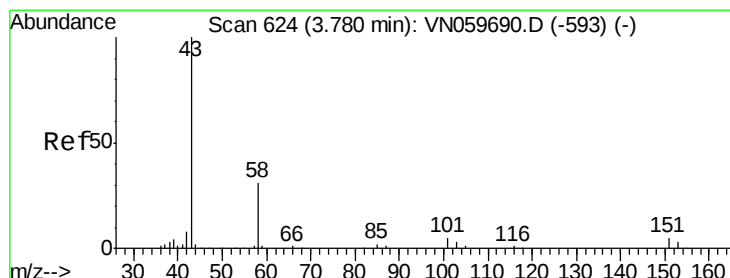
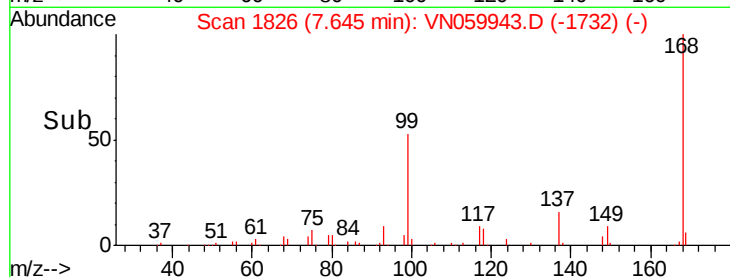
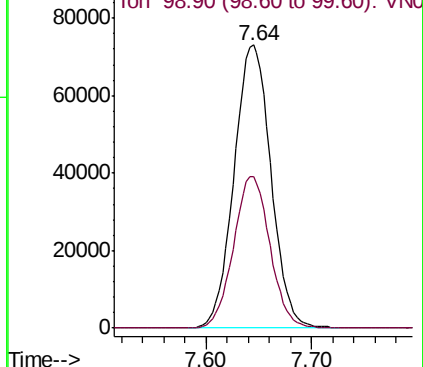
Ion Ratio Lower Upper

168 100

99 53.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059943.D (-1732) (-)



#16

Acetone

Concen: Below Cal

RT: 3.80 min Scan# 630

Delta R.T. 0.02 min

Lab File: VN059943.D

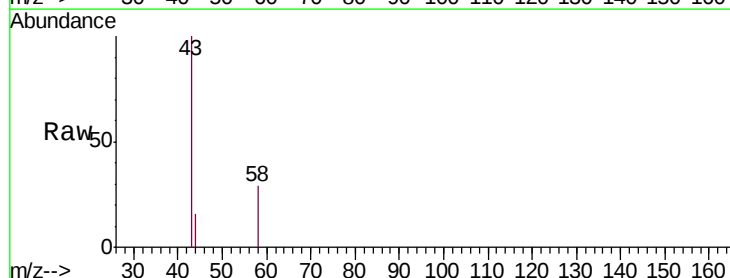
Acq: 31 Jan 2020 13:26

Tgt Ion: 43 Resp: 3780

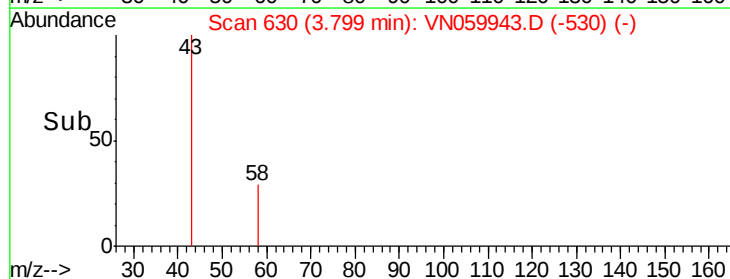
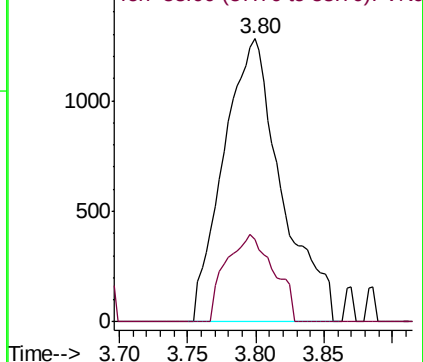
Ion Ratio Lower Upper

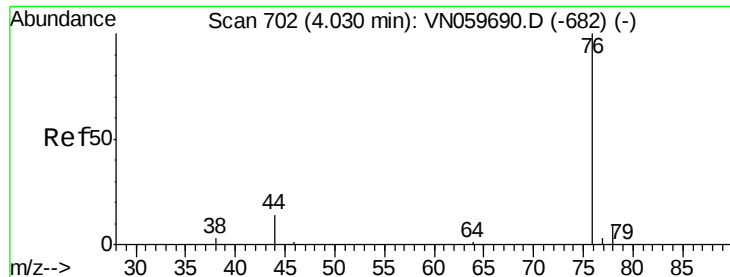
43 100

58 29.1 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059943.D (-530) (-)

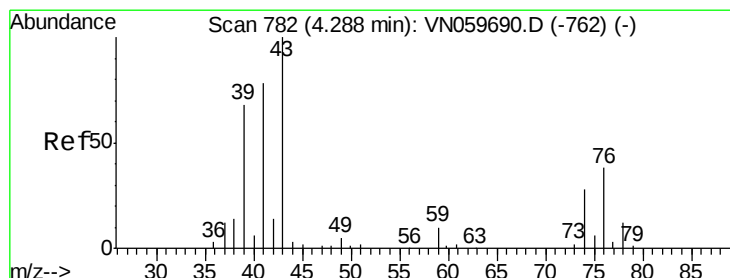
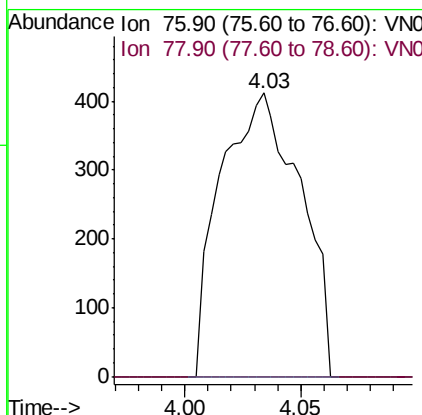
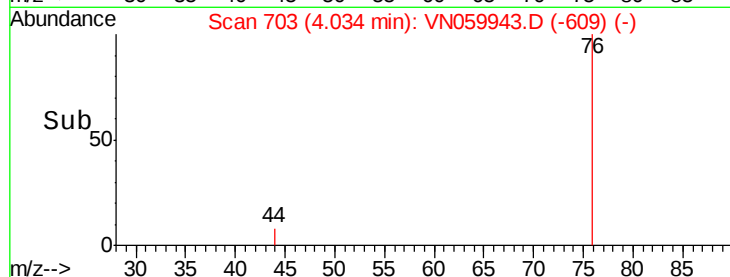
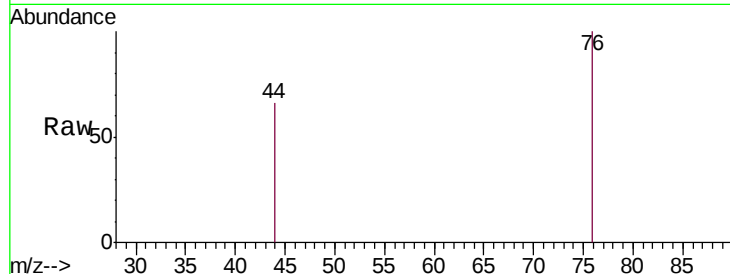




#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN059943.D
Acq: 31 Jan 2020 13:26

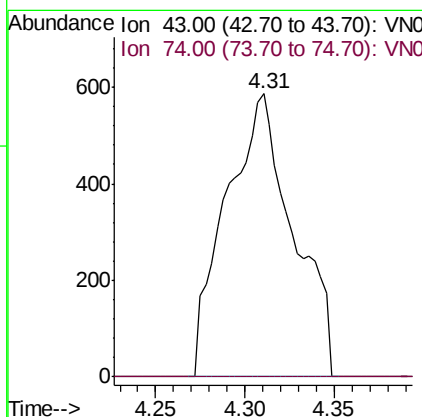
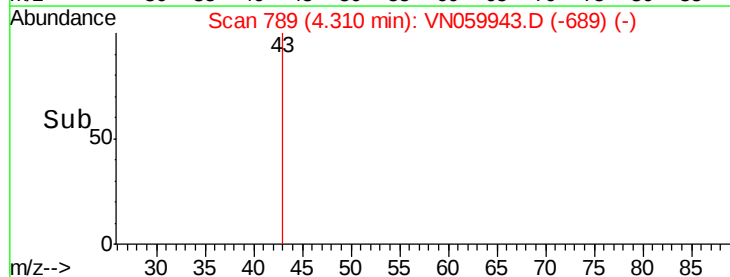
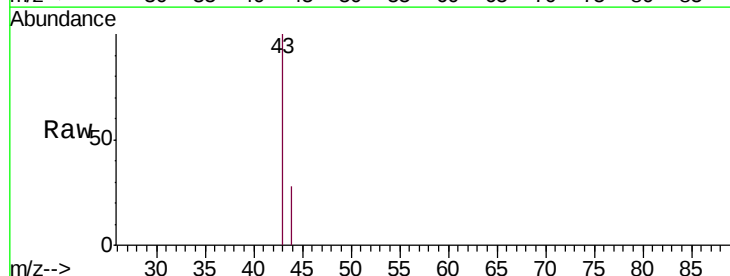
Instrument :
MSVOA_N
ClientSampled :
PB126487TB

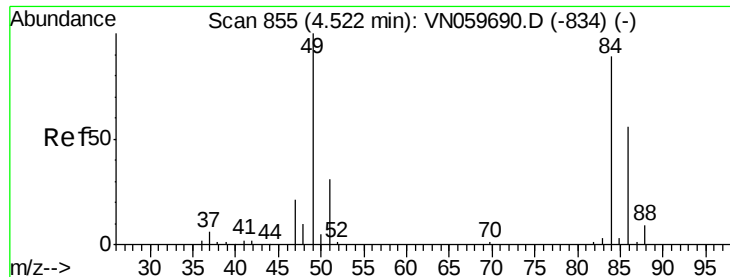
Tgt Ion: 76 Resp: 984
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.667 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.02 min
Lab File: VN059943.D
Acq: 31 Jan 2020 13:26

Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

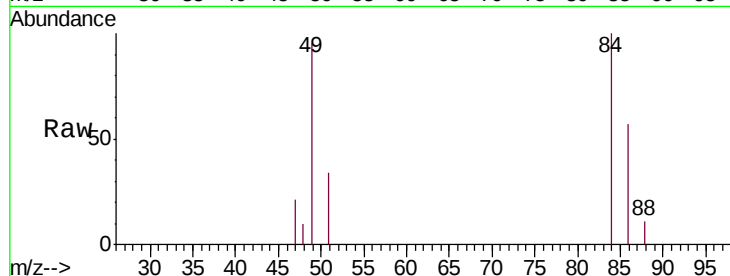




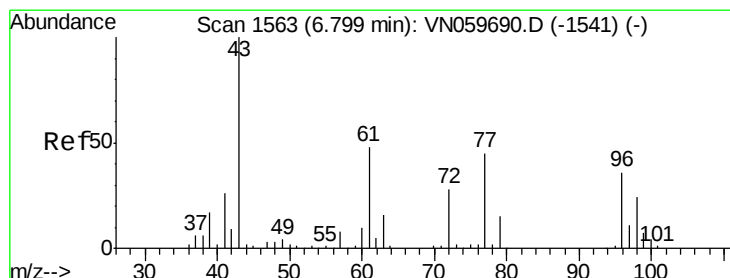
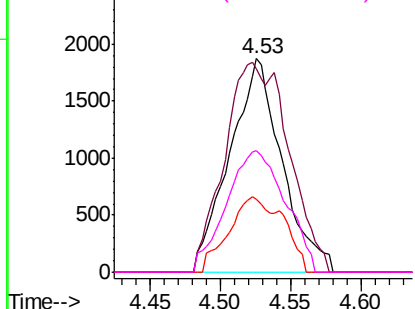
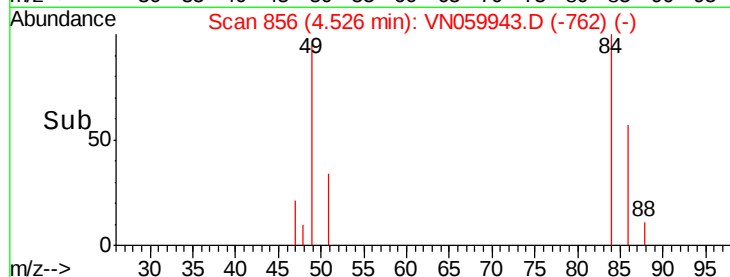
#20
Methylene Chloride
Concen: 1.466 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059943.D
Acq: 31 Jan 2020 13:26

Instrument :
MSVOA_N
ClientSampled :
PB126487TB

Tgt Ion: 84 Resp: 4862
Ion Ratio Lower Upper
84 100
49 95.1 106.6 160.0#
51 34.2 31.9 47.9
86 56.9 50.8 76.2

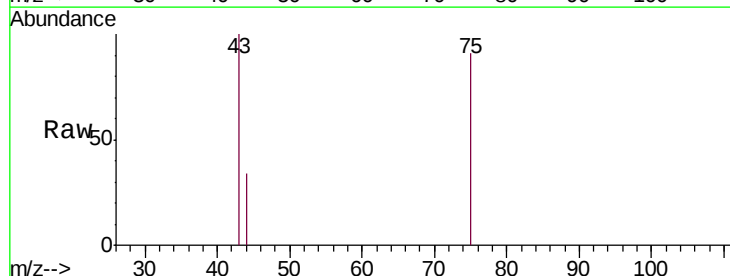


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

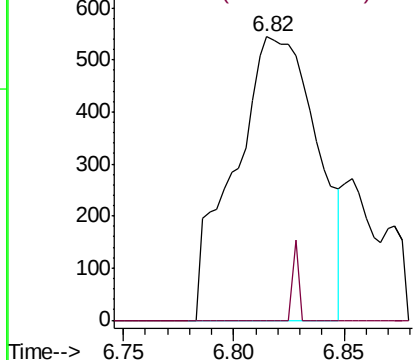
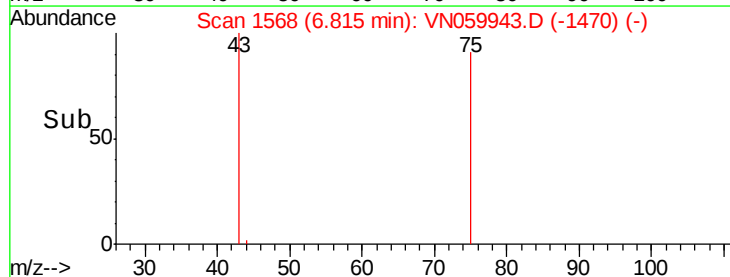


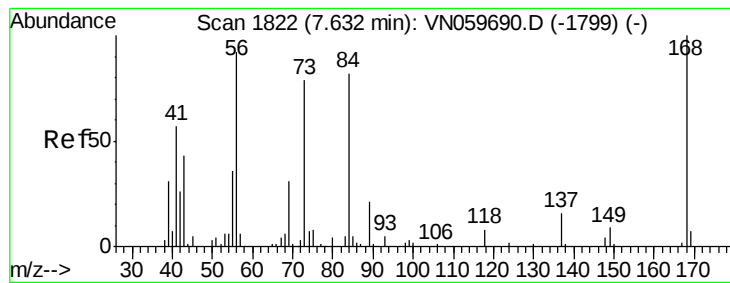
#25
2-Butanone
Concen: 1.270 ug/l
RT: 6.82 min Scan# 1568
Delta R.T. 0.02 min
Lab File: VN059943.D
Acq: 31 Jan 2020 13:26

Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#31

Cyclohexane

Concen: 1.155 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

PB126487TB

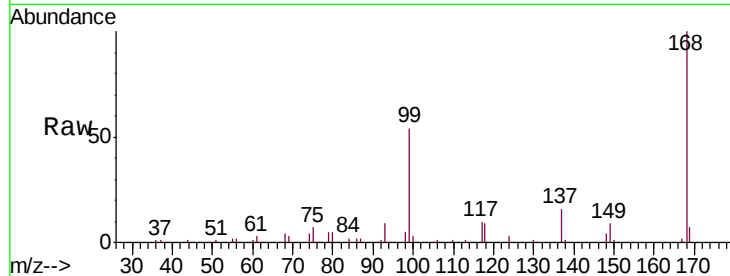
Tgt Ion: 56 Resp: 3373

Ion Ratio Lower Upper

56 100

69 153.7 26.5 39.7#

84 117.3 65.3 97.9#

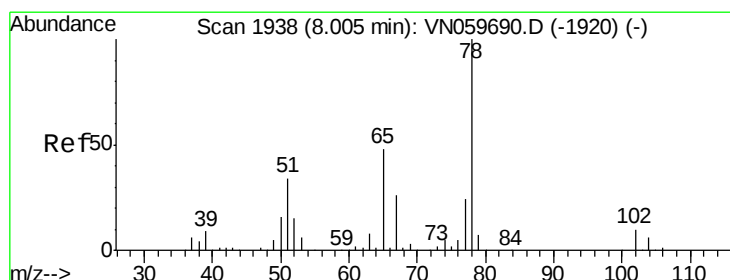
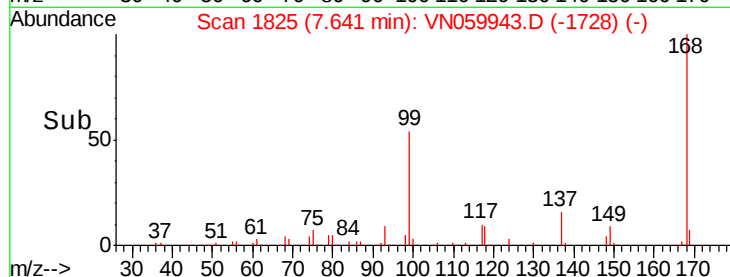


Abundance Ion 56.00 (55.70 to 56.70): VN059943.D (-1728) (-)

Ion 69.00 (68.70 to 69.70): VN059943.D (-1728) (-)

Ion 84.00 (83.70 to 84.70): VN059943.D (-1728) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.427 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059943.D

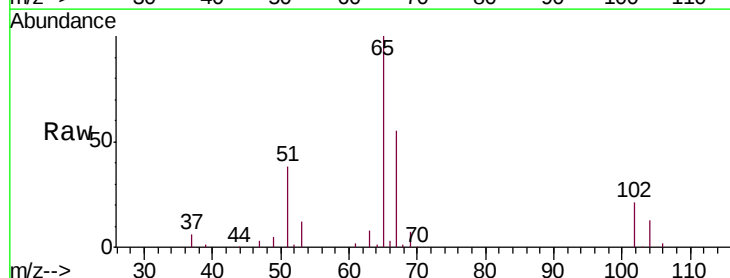
Acq: 31 Jan 2020 13:26

Tgt Ion: 65 Resp: 95607

Ion Ratio Lower Upper

65 100

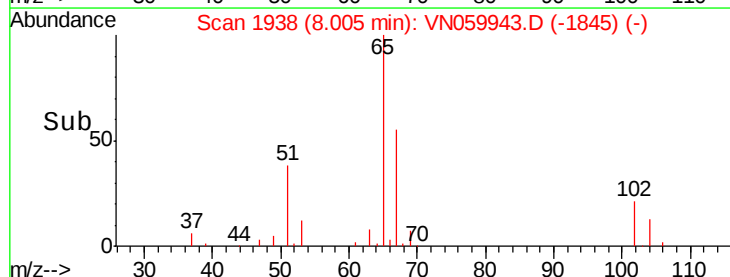
67 53.2 0.0 103.0

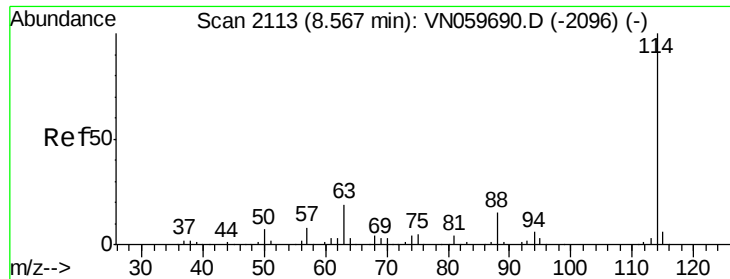


Abundance Ion 64.90 (64.60 to 65.60): VN059943.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059943.D (-1845) (-)

Time-->

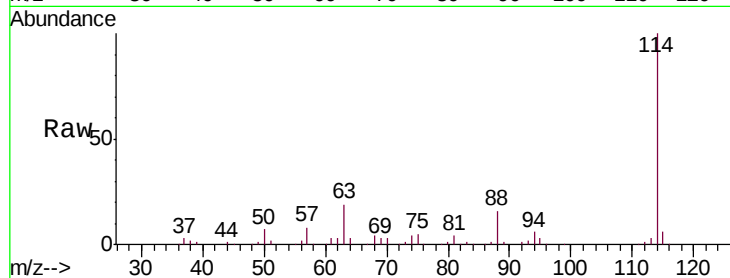




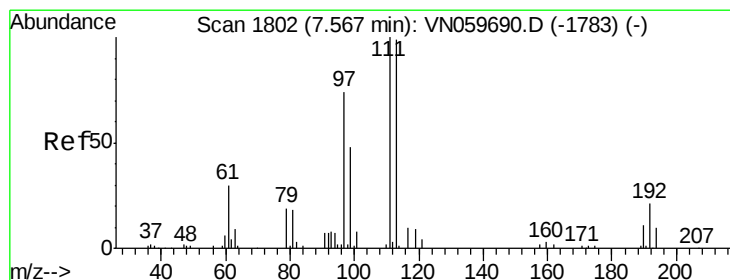
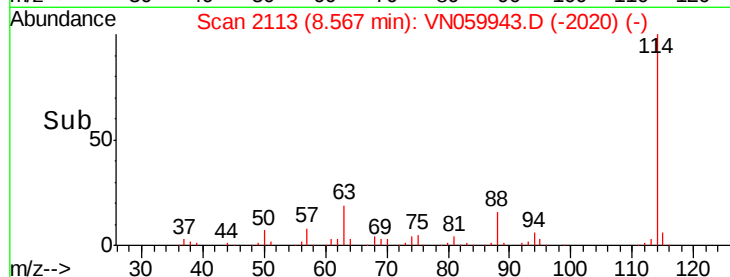
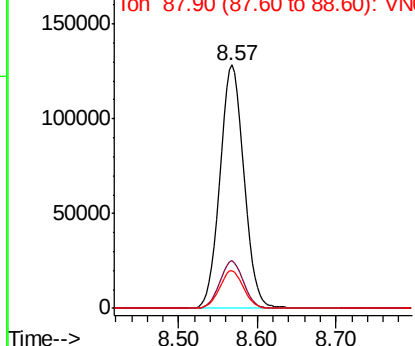
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487TB

Tgt Ion:114 Resp: 270206
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.6
 88 15.7 0.0 31.4

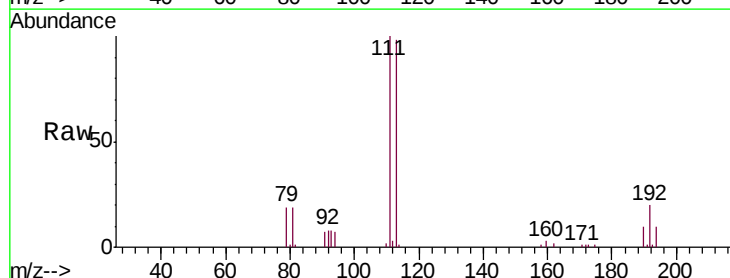


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

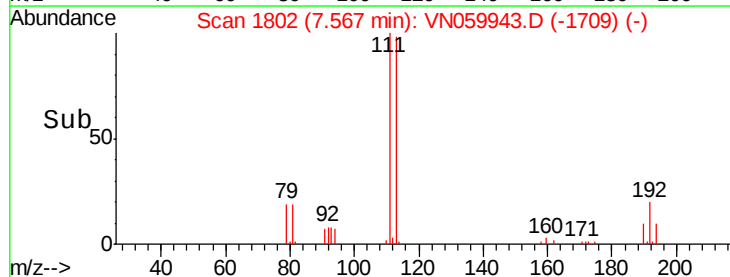
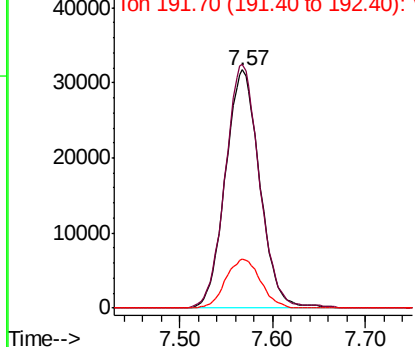


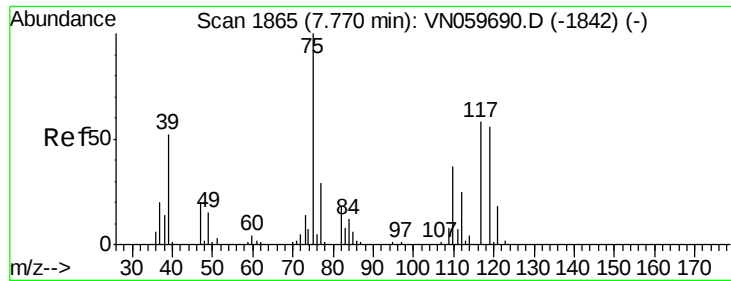
#35
 Dibromofluoromethane
 Concen: 50.464 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

Tgt Ion:113 Resp: 81315
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.5 125.3
 192 20.8 15.4 23.2



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

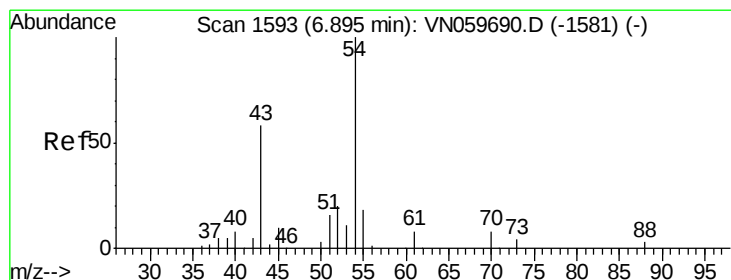
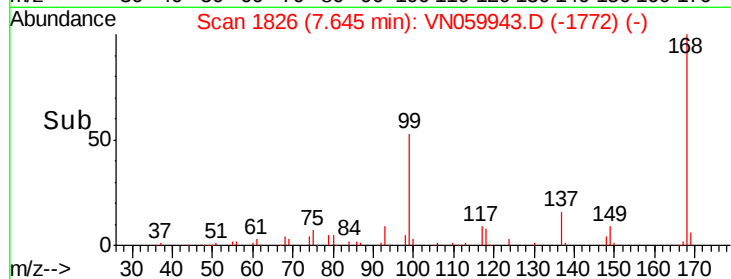
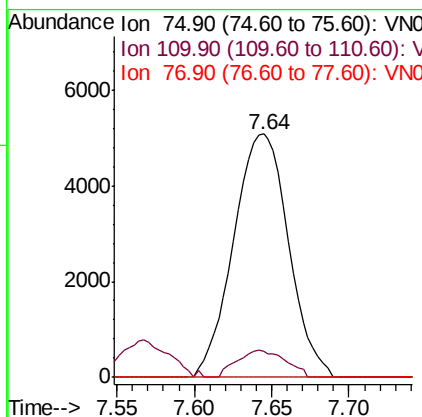
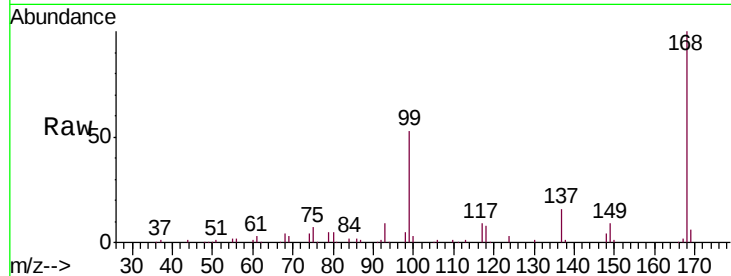




#36
 1,1-Dichloropropene
 Concen: 5.322 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

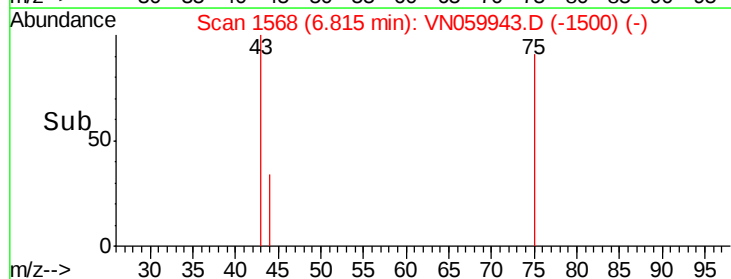
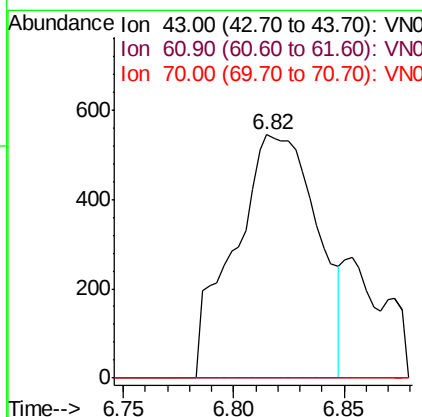
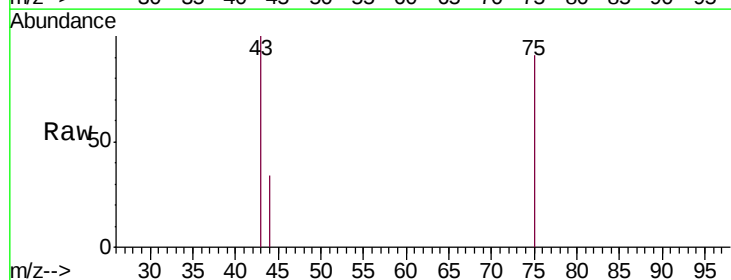
Instrument :
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 PB126487TB

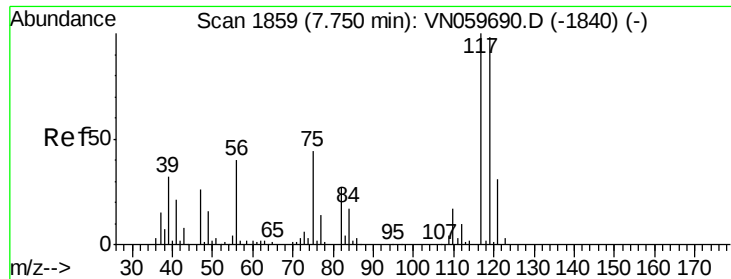
Tgt Ion: 75 Resp: 12523
 Ion Ratio Lower Upper
 75 100
 110 9.8 16.6 49.7#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 0.643 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. -0.08 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

Tgt Ion: 43 Resp: 1420
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.9 16.3#
 70 0.0 7.7 11.5#





#38

Carbon Tetrachloride

Concen: 6.328 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

PB126487TB

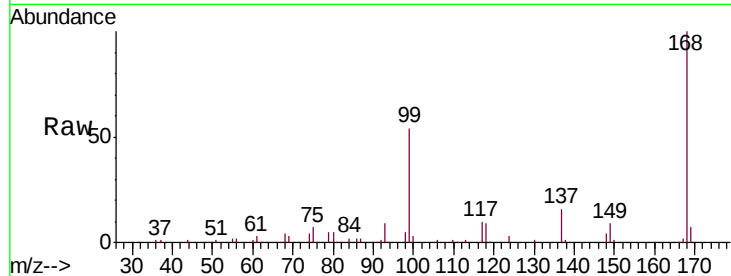
Tgt Ion:117 Resp: 16197

Ion Ratio Lower Upper

117 100

119 4.8 76.5 114.7#

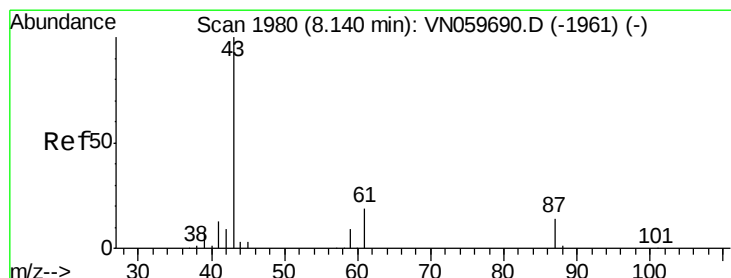
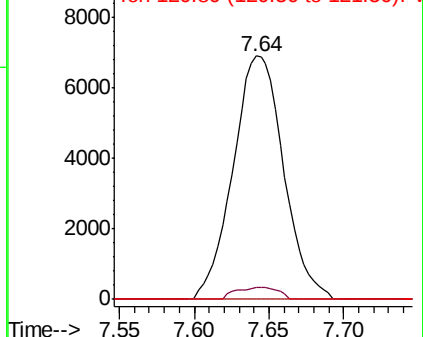
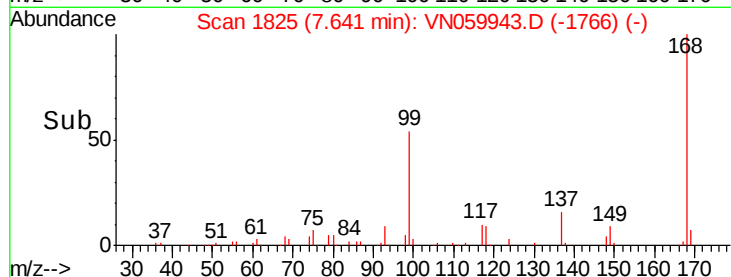
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 13.619 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

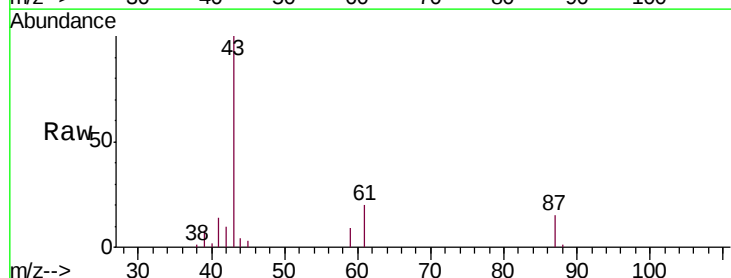
Tgt Ion: 43 Resp: 51699

Ion Ratio Lower Upper

43 100

61 19.7 20.2 30.2#

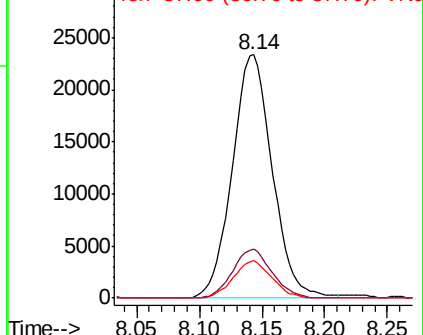
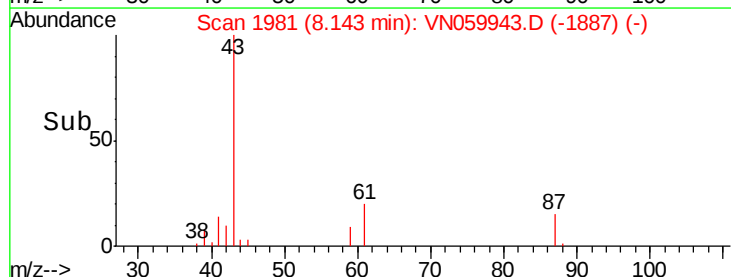
87 14.6 9.5 14.3#

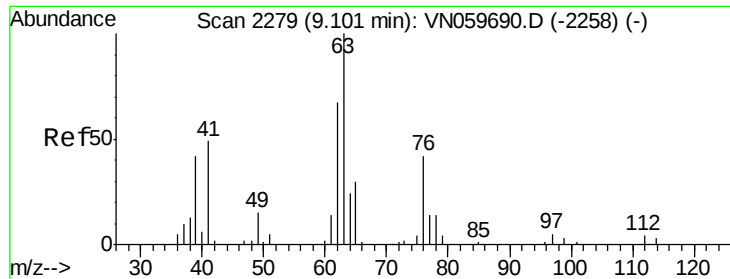


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

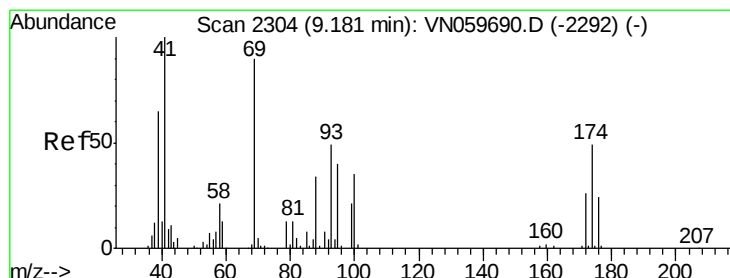
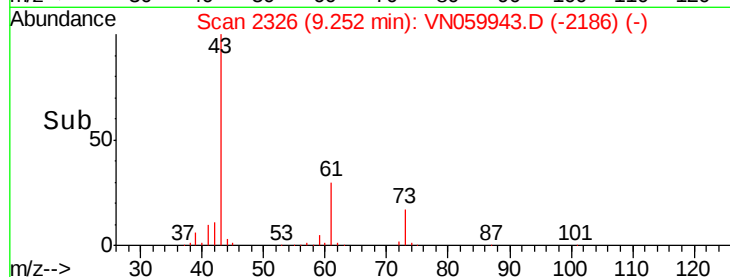
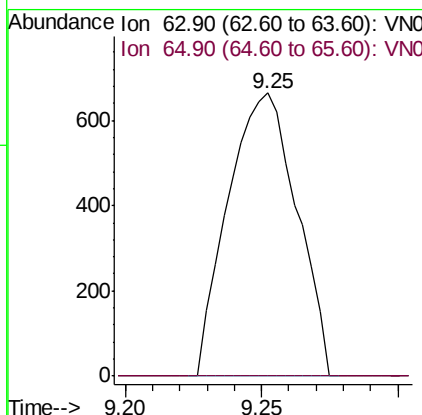
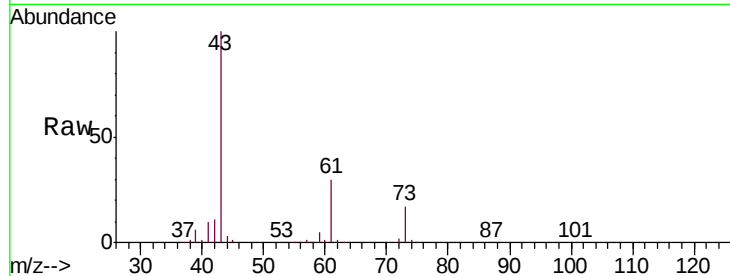




#45
 1,2-Dichloropropane
 Concen: 0.667 ug/l
 RT: 9.25 min Scan# 2326
 Delta R.T. 0.15 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

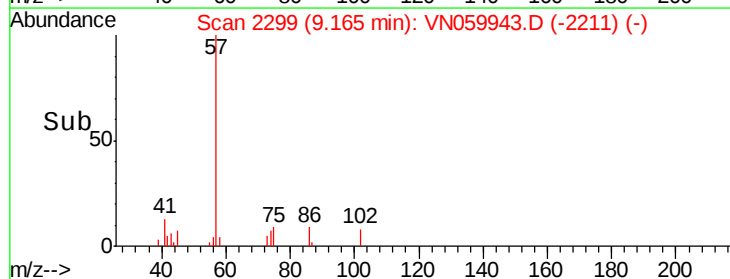
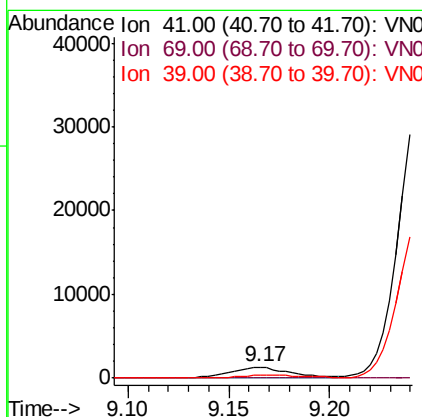
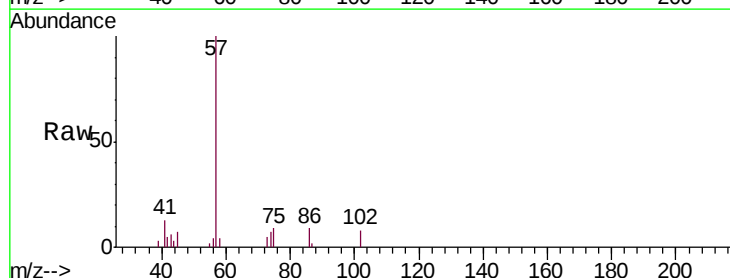
Instrument :
 MSVOA_N
 ClientSampled :
 PB126487TB

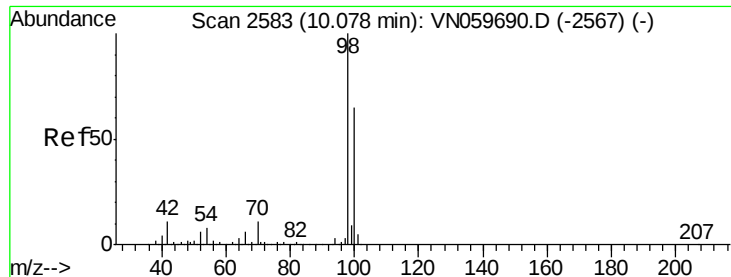
Tgt Ion: 63 Resp: 1159
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.9 37.3#



#48
 Methyl methacrylate
 Concen: 1.615 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

Tgt Ion: 41 Resp: 2743
 Ion Ratio Lower Upper
 41 100
 69 0.0 64.4 96.6#
 39 0.0 51.3 76.9#





#50

Toluene-d8

Concen: 51.449 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

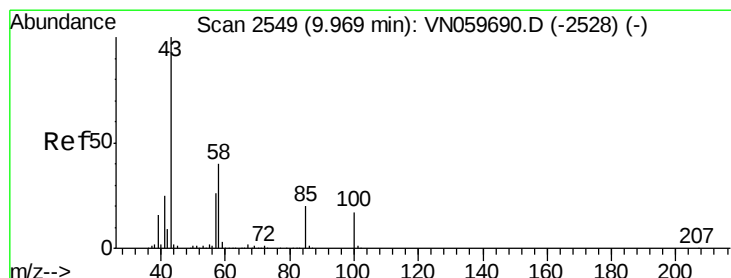
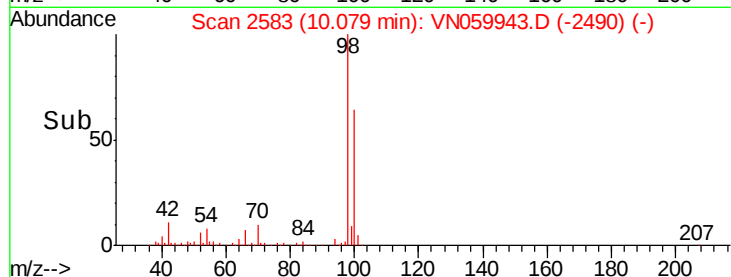
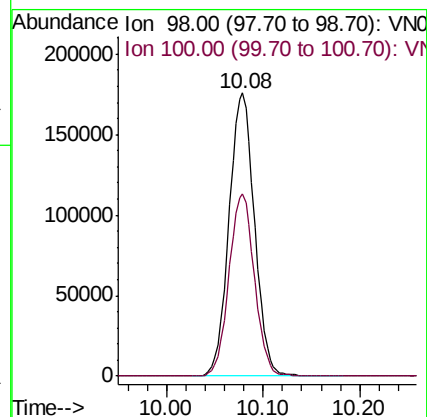
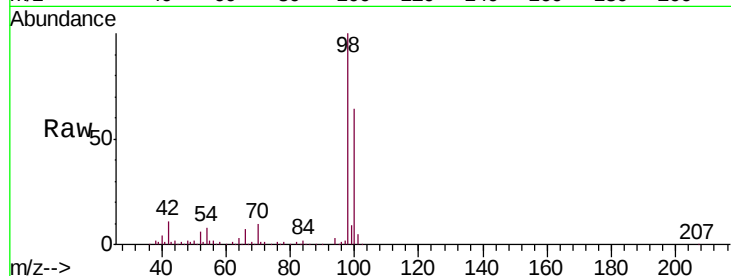
PB126487TB

Tgt Ion: 98 Resp: 321205

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.766 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059943.D

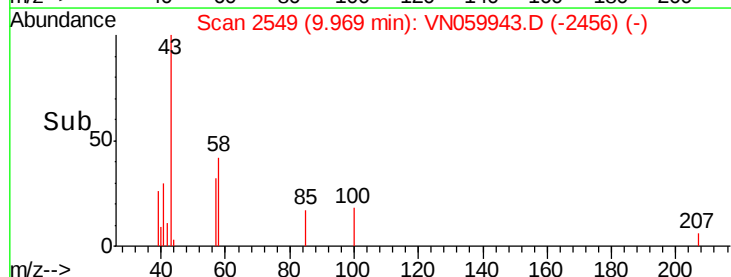
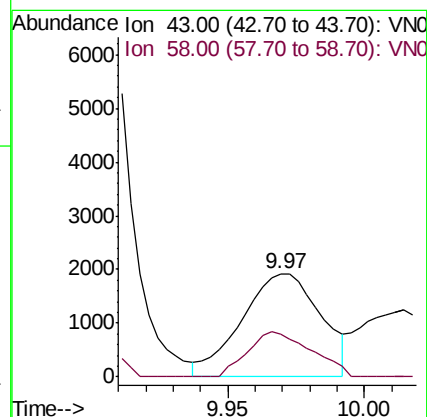
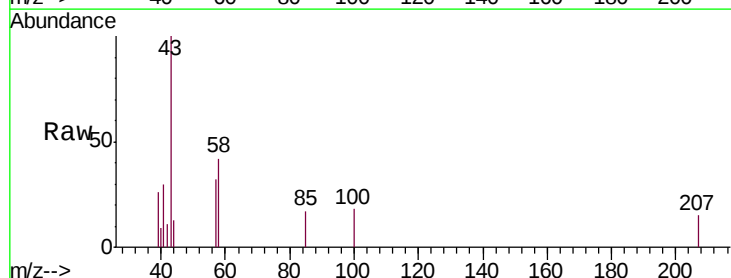
Acq: 31 Jan 2020 13:26

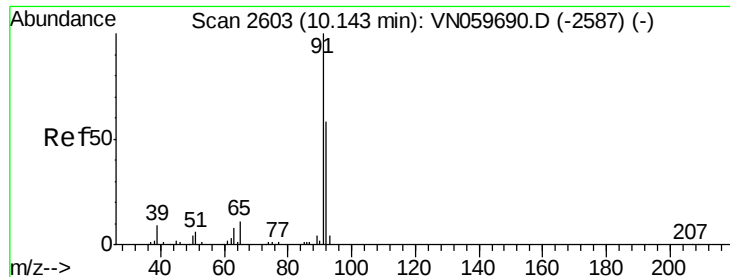
Tgt Ion: 43 Resp: 3875

Ion Ratio Lower Upper

43 100

58 35.4 29.8 44.8





#52

Toluene

Concen: 0.468 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

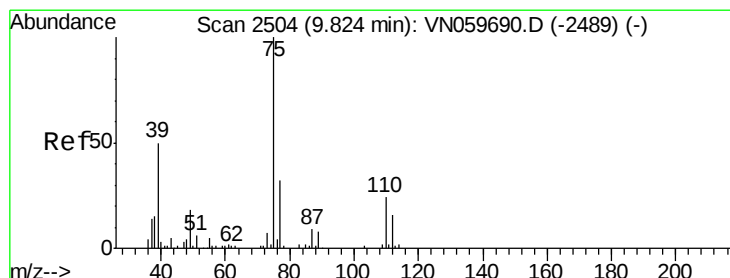
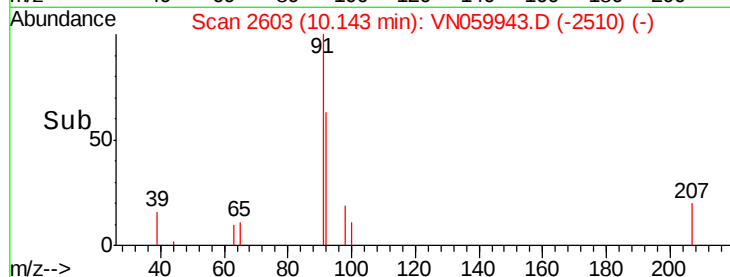
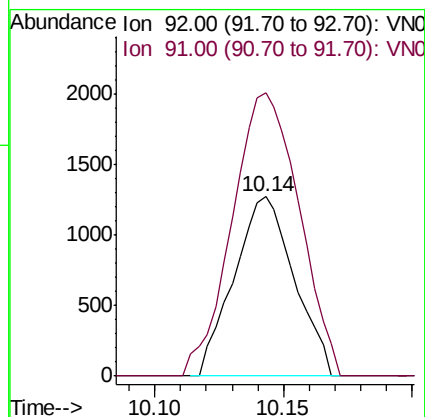
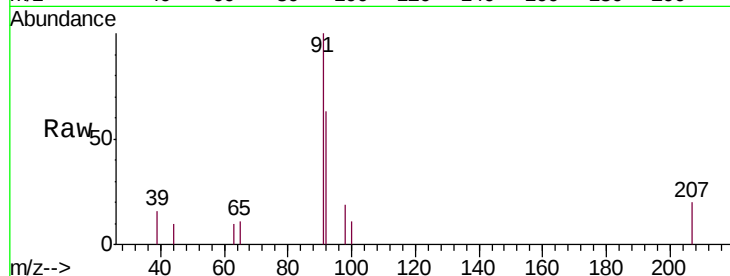
PB126487TB

Tgt Ion: 92 Resp: 2073

Ion Ratio Lower Upper

92 100

91 175.8 140.4 210.6



#54

cis-1,3-Dichloropropene

Concen: 8.320 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.07 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

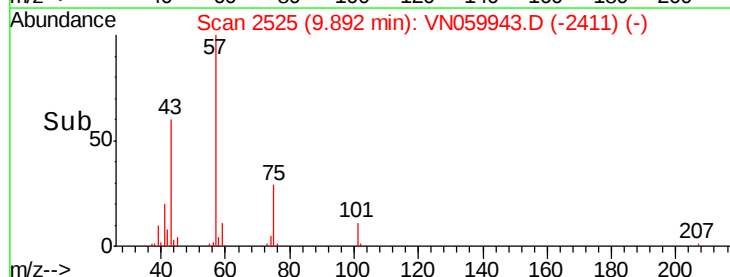
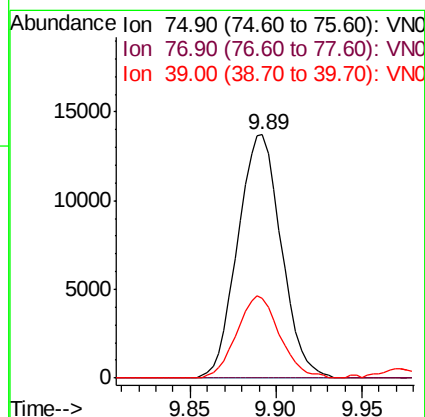
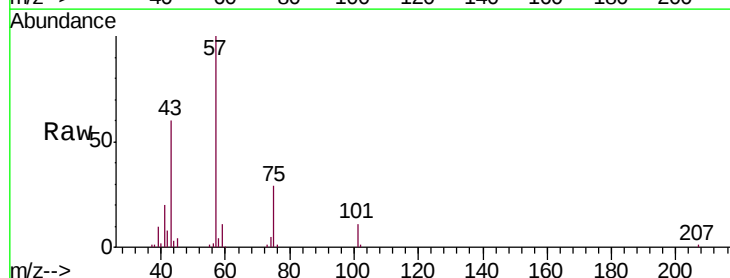
Tgt Ion: 75 Resp: 24129

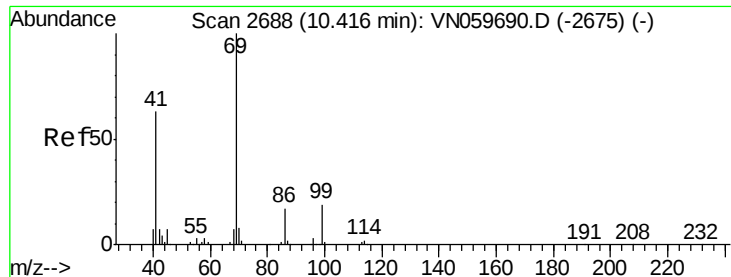
Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

39 32.9 46.1 69.1#





#56

Ethyl methacrylate

Concen: 0.220 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.12 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

PB126487TB

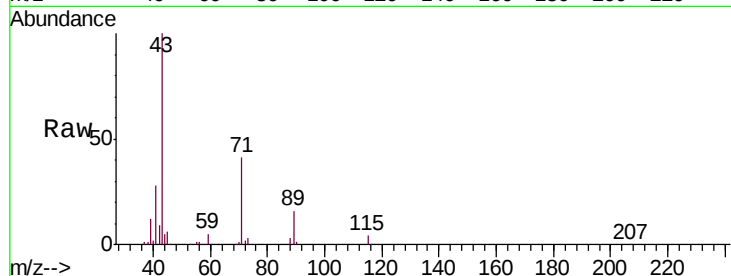
Tgt Ion: 69 Resp: 590

Ion Ratio Lower Upper

69 100

41 8784.9 57.1 85.7#

39 3995.6 34.7 52.1#

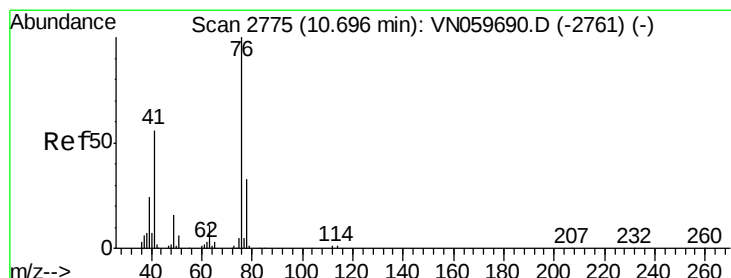
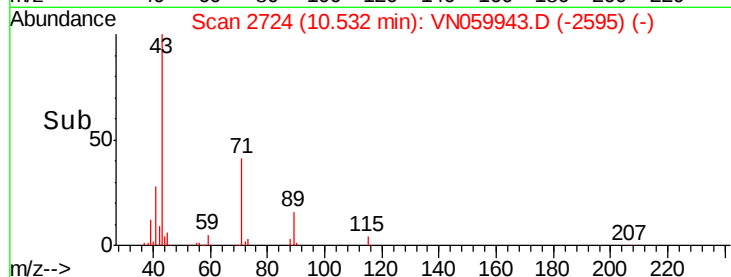
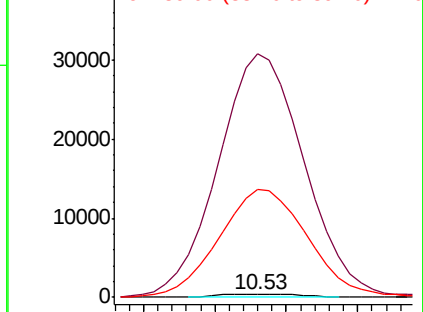


Abundance

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



#57

1,3-Dichloropropane

Concen: 1.482 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN059943.D

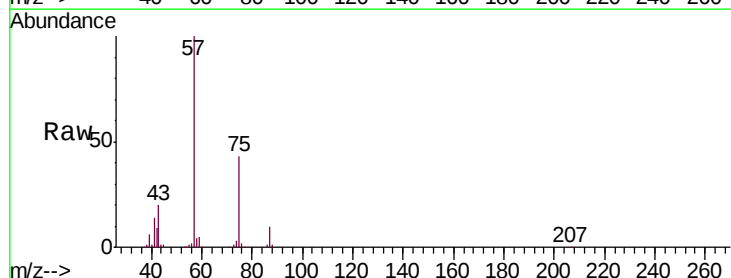
Acq: 31 Jan 2020 13:26

Tgt Ion: 76 Resp: 4130

Ion Ratio Lower Upper

76 100

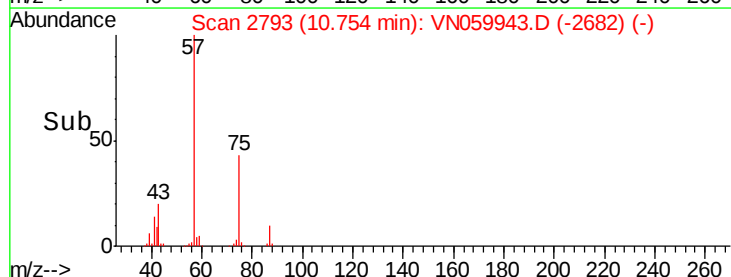
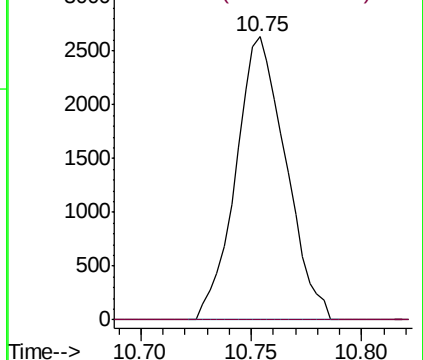
78 0.0 25.8 38.8#

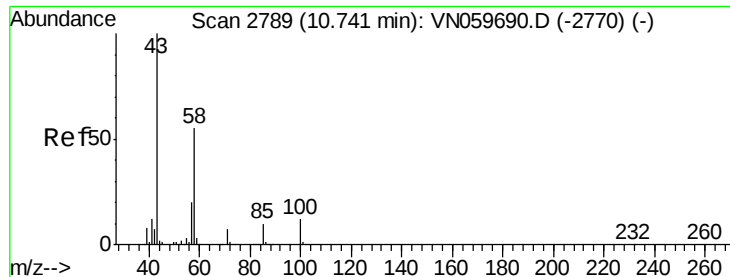


Abundance

Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

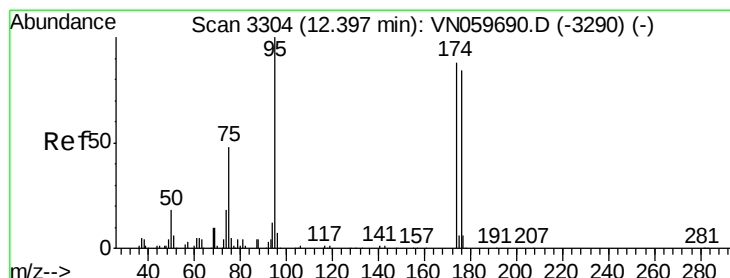
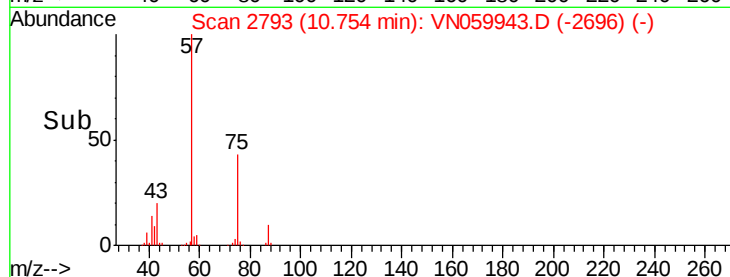
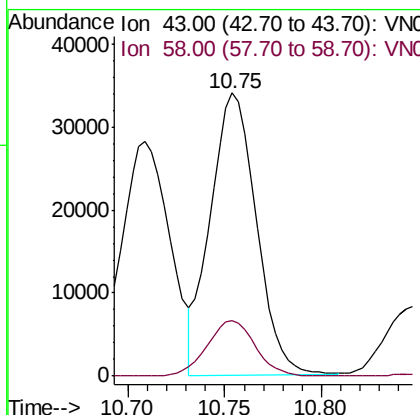
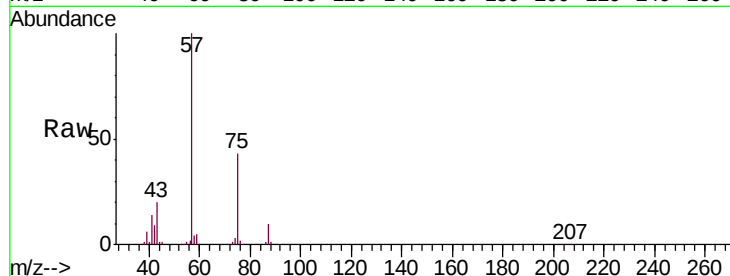




#59
2-Hexanone
Concen: 34.714 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN059943.D
Acq: 31 Jan 2020 13:26

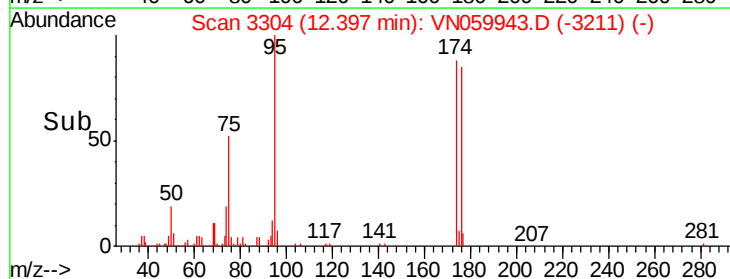
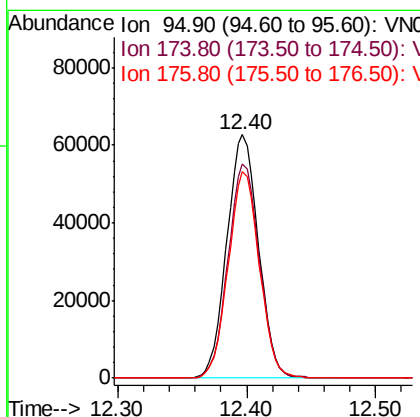
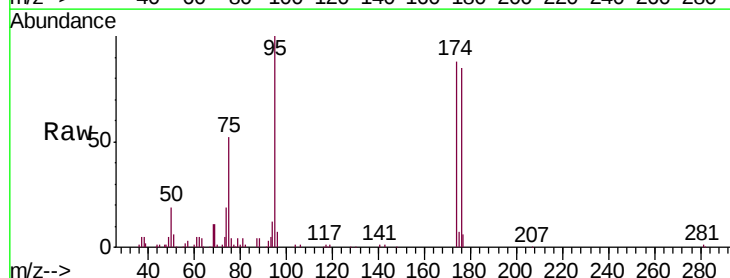
Instrument :
MSVOA_N
ClientSampleId :
PB126487TB

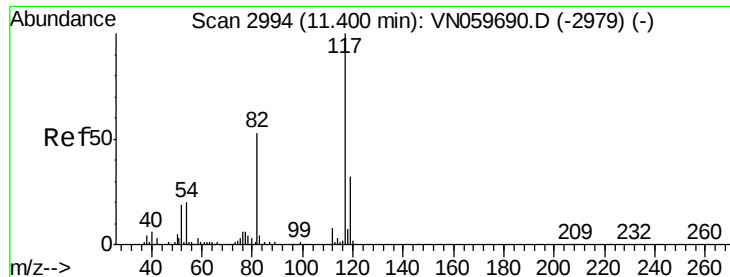
Tgt Ion: 43 Resp: 56119
Ion Ratio Lower Upper
43 100
58 20.5 25.8 77.3#



#62
4-Bromofluorobenzene
Concen: 47.410 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059943.D
Acq: 31 Jan 2020 13:26

Tgt Ion: 95 Resp: 106705
Ion Ratio Lower Upper
95 100
174 87.4 0.0 151.4
176 83.5 0.0 146.0

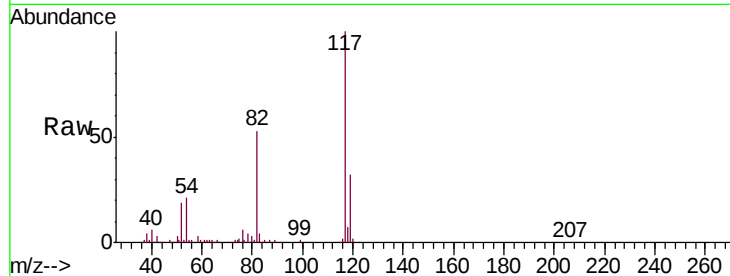




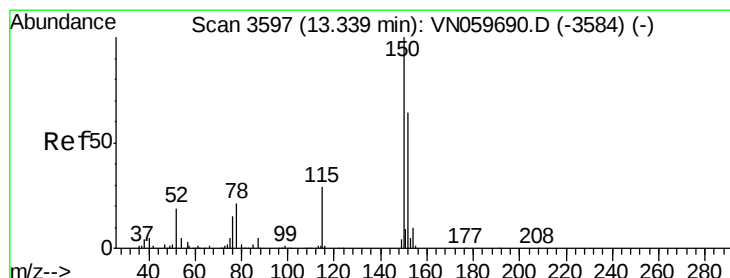
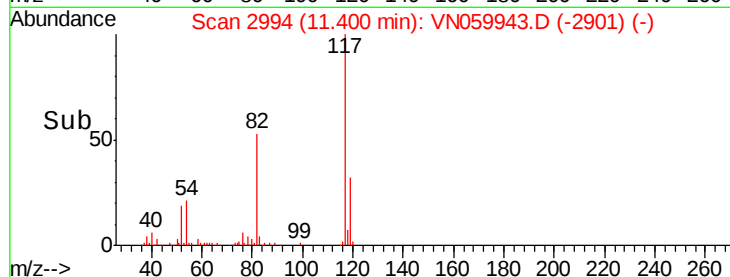
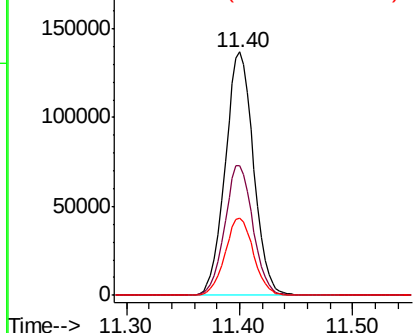
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059943.D
Acq: 31 Jan 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB126487TB

Tgt Ion:117 Resp: 238081
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 31.8 25.5 38.3

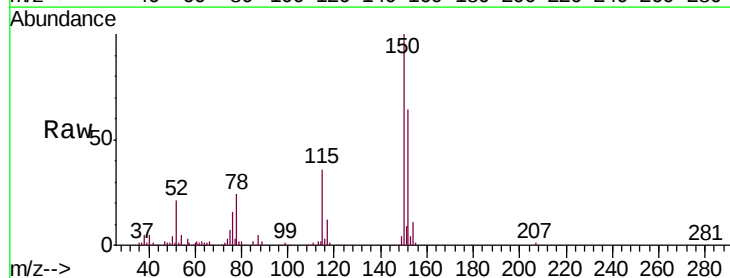


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

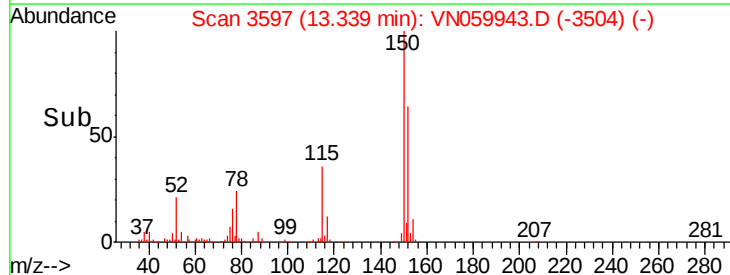
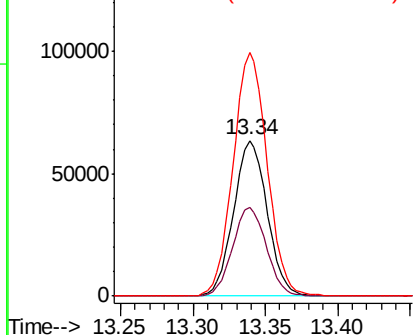


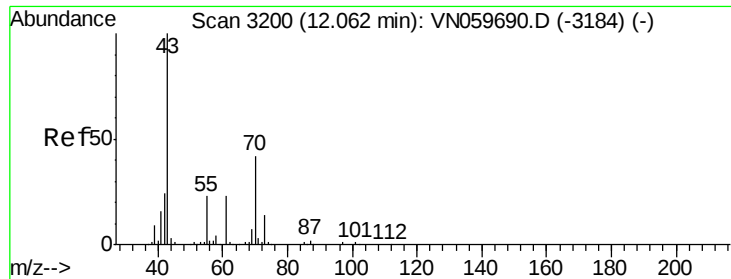
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059943.D
Acq: 31 Jan 2020 13:26

Tgt Ion:152 Resp: 102347
Ion Ratio Lower Upper
152 100
115 57.6 30.3 90.9
150 158.2 0.0 345.2



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





#74

N-ethyl acetate

Concen: 0.528 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

PB126487TB

Tgt Ion: 43 Resp: 1539

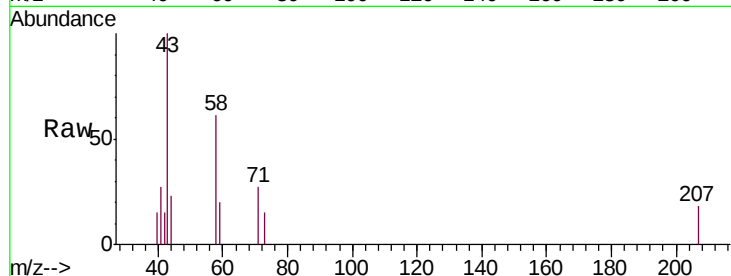
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 0.0 19.8 29.6#

61 0.0 18.3 27.5#

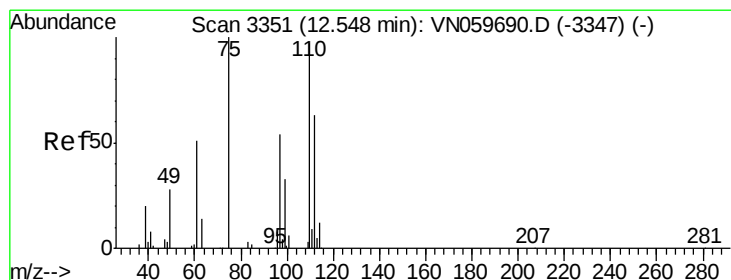
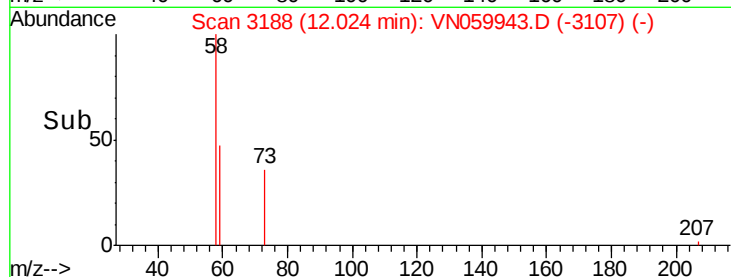
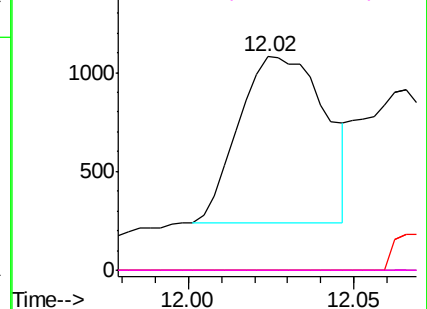


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 32.012 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059943.D

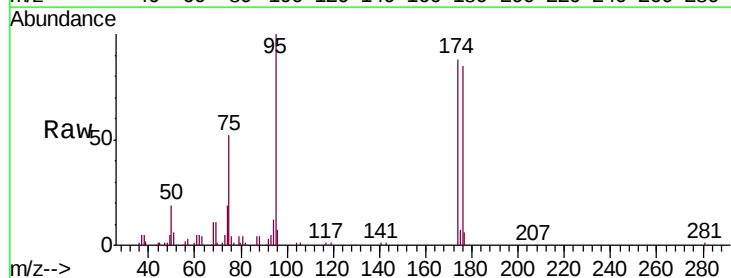
Acq: 31 Jan 2020 13:26

Tgt Ion: 75 Resp: 55137

Ion Ratio Lower Upper

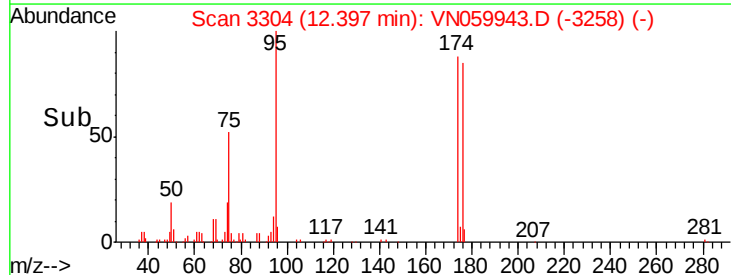
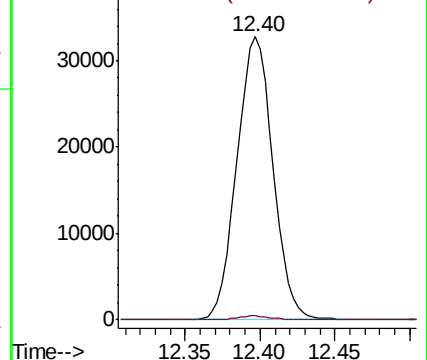
75 100

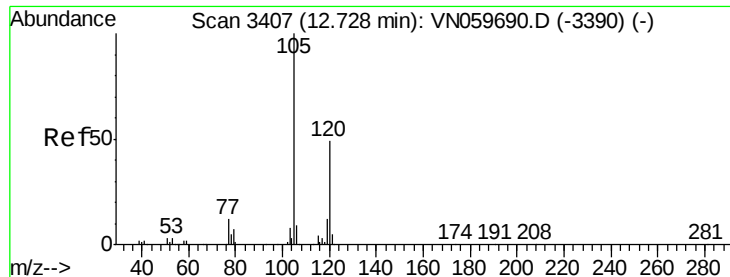
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

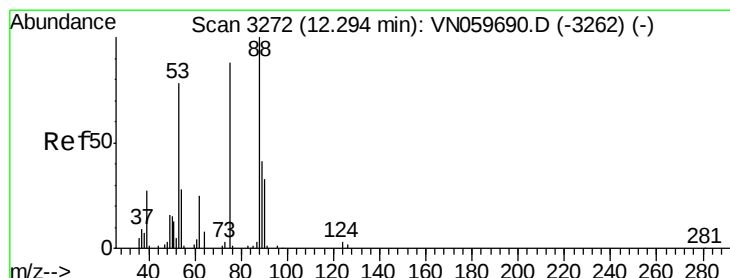
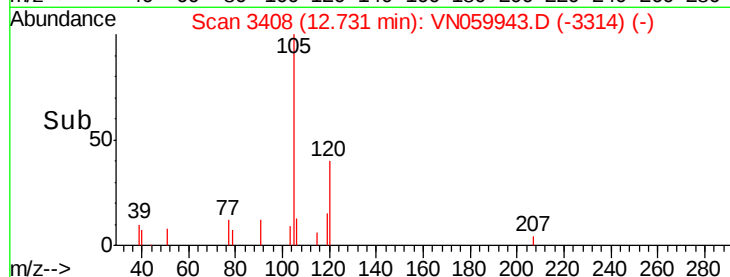
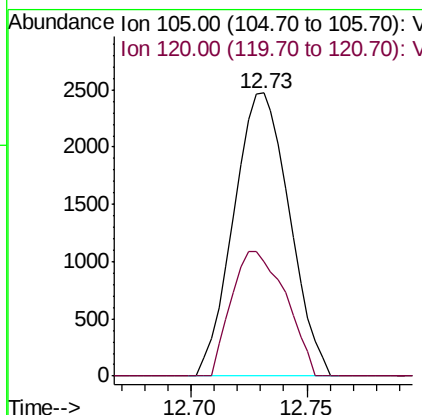
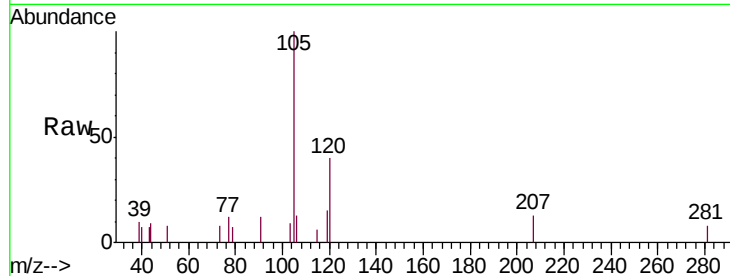




#80
 1,3,5-Trimethylbenzene
 Concen: 0.655 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

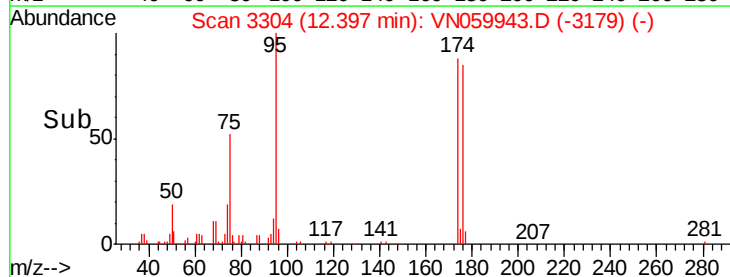
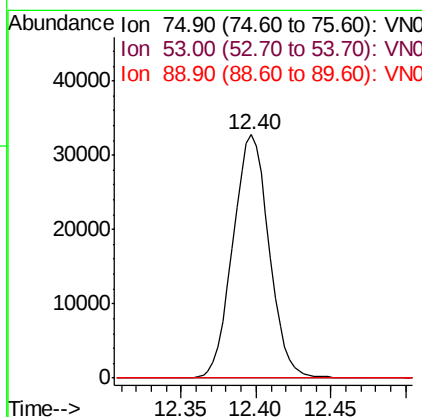
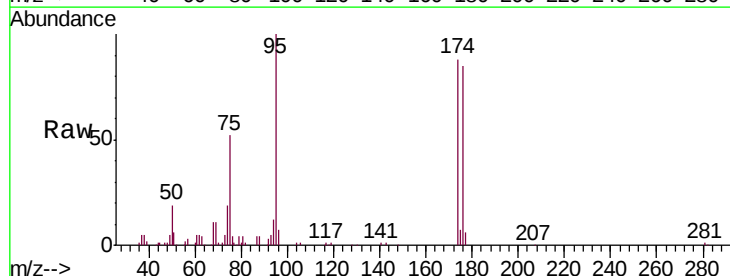
Instrument :
 MSVOA_N
 ClientSampled :
 PB126487TB

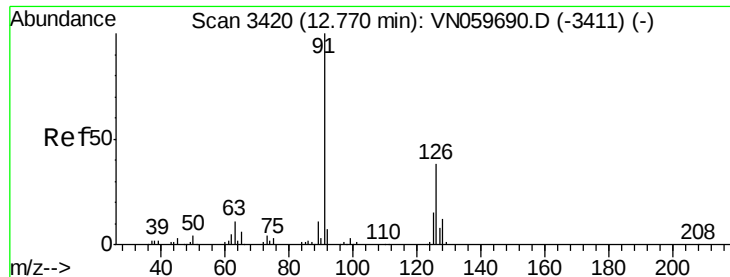
Tgt Ion: 105 Resp: 4136
 Ion Ratio Lower Upper
 105 100
 120 43.0 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.745 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

Tgt Ion: 75 Resp: 55137
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.1 117.1#
 89 0.0 35.4 53.2#





#82

4-Chlorotoluene

Concen: 0.219 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

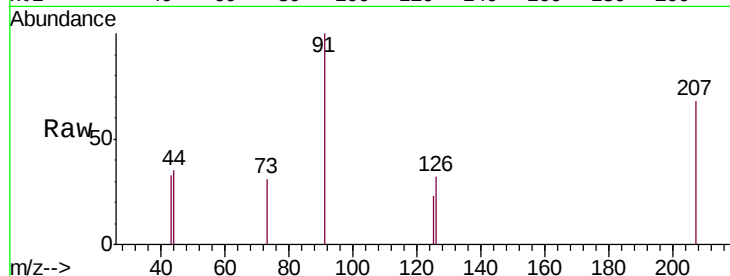
PB126487TB

Tgt Ion: 91 Resp: 1103

Ion Ratio Lower Upper

91 100

126 28.3 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN059943.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN059943.D (-3427) (-)

12.77

600

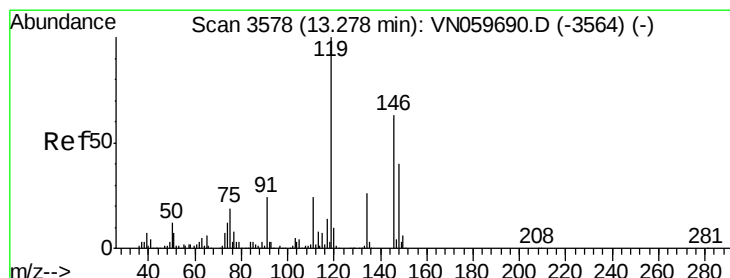
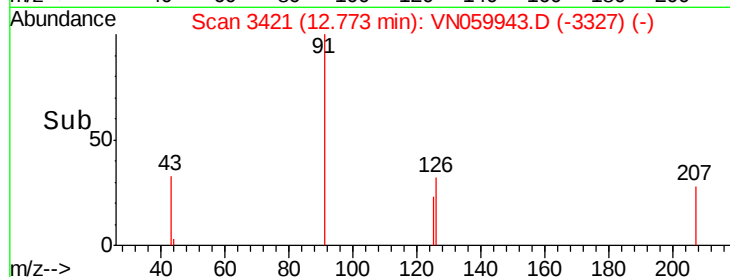
400

200

0

12.75 12.80

Time-->



#87

1,3-Dichlorobenzene

Concen: 0.252 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

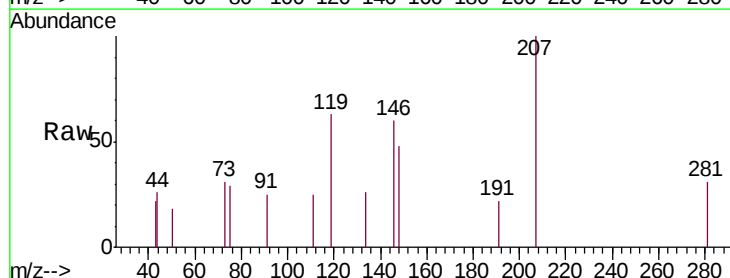
Tgt Ion: 146 Resp: 832

Ion Ratio Lower Upper

146 100

111 36.1 20.8 62.2

148 70.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): VN059943.D (-3485) (-)

Ion 110.90 (110.60 to 111.60): VN059943.D (-3485) (-)

Ion 147.90 (147.60 to 148.60): VN059943.D (-3485) (-)

13.28

600

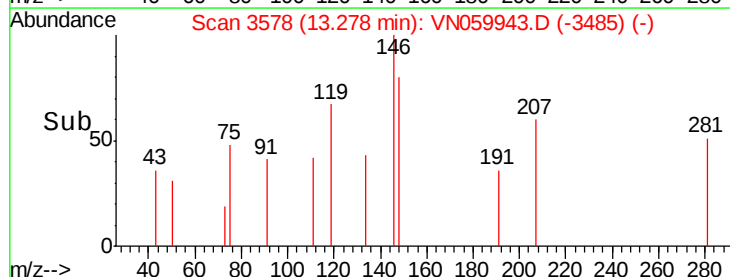
400

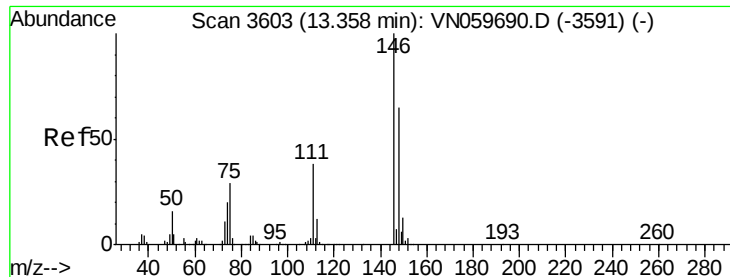
200

0

13.25 13.30

Time-->

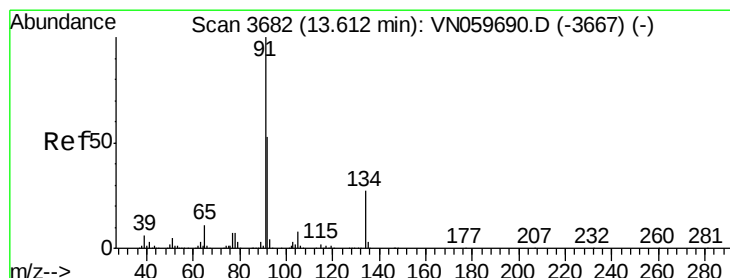
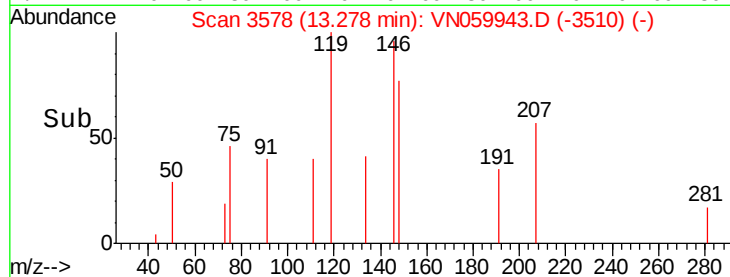
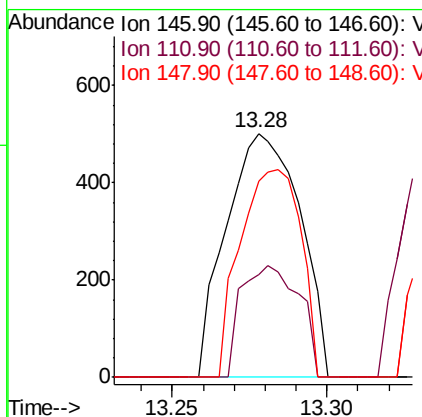
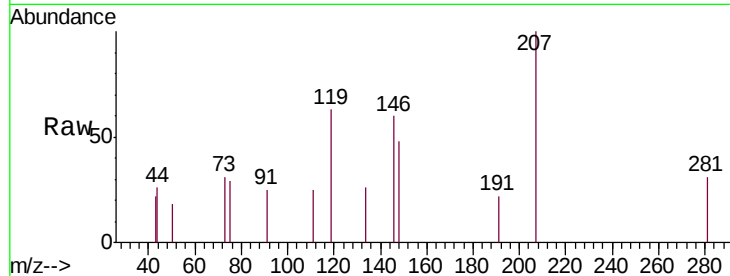




#88
 1,4-Dichlorobenzene
 Concen: 0.253 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.08 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

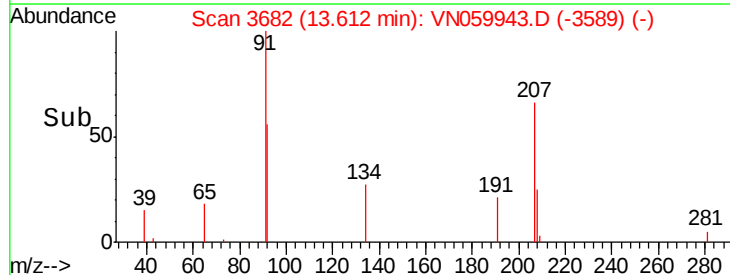
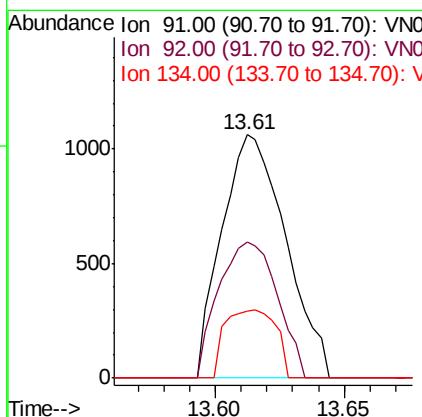
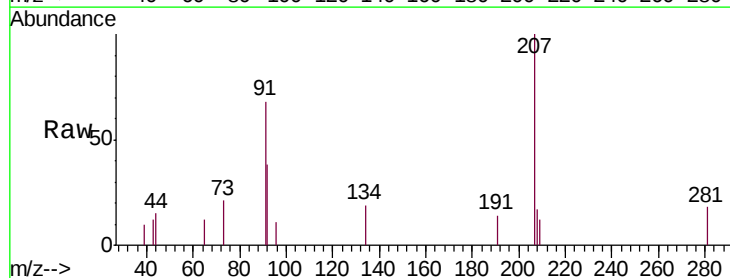
Instrument :
 MSVOA_N
 ClientSampled :
 PB126487TB

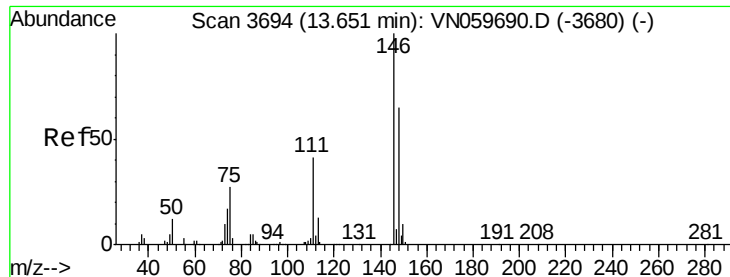
Tgt Ion: 146 Resp: 832
 Ion Ratio Lower Upper
 146 100
 111 36.1 20.8 62.2
 148 70.1 31.8 95.4



#89
 n-Butylbenzene
 Concen: 0.323 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

Tgt Ion: 91 Resp: 1830
 Ion Ratio Lower Upper
 91 100
 92 51.3 25.9 77.7
 134 22.1 12.3 36.8





#91

1,2-Dichlorobenzene

Concen: 0.303 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

PB126487TB

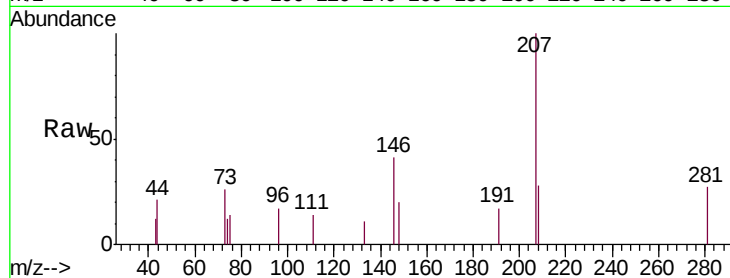
Tgt Ion:146 Resp: 990

Ion Ratio Lower Upper

146 100

111 21.7 21.6 64.8

148 47.3 31.6 95.0



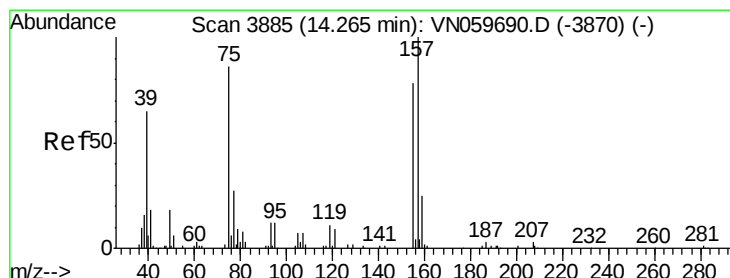
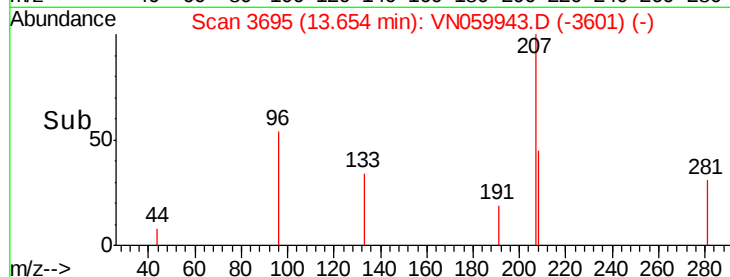
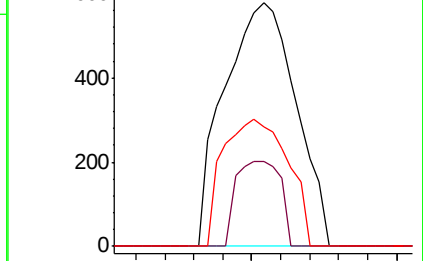
Abundance

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

13.65



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3887

Delta R.T. 0.01 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

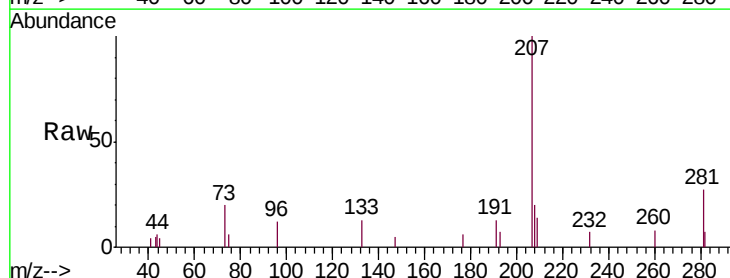
Tgt Ion: 75 Resp: 247

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

157 0.0 48.4 145.2#



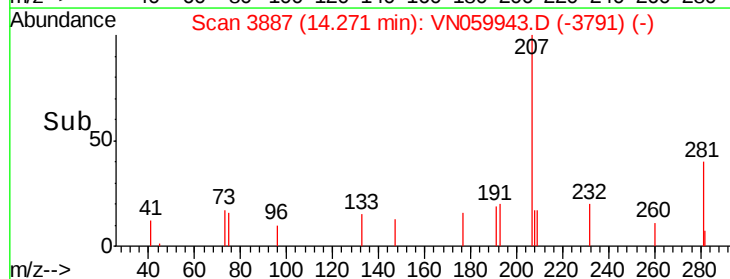
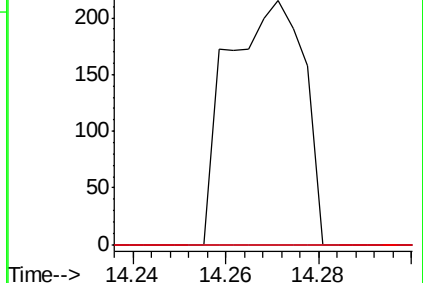
Abundance

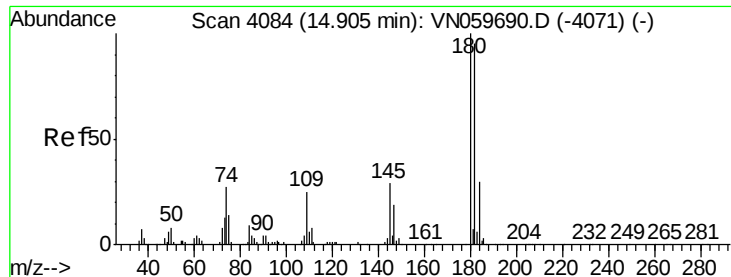
Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.27

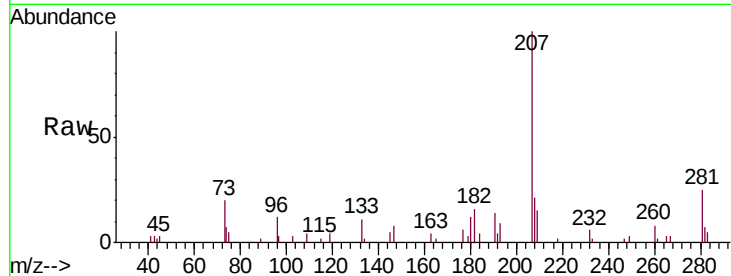




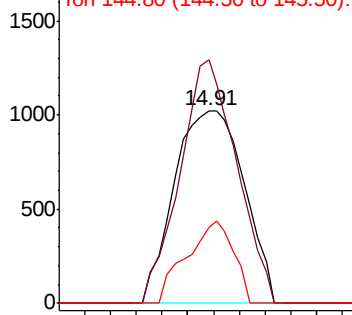
#93
 1,2,4-Trichlorobenzene
 Concen: 0.983 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487TB

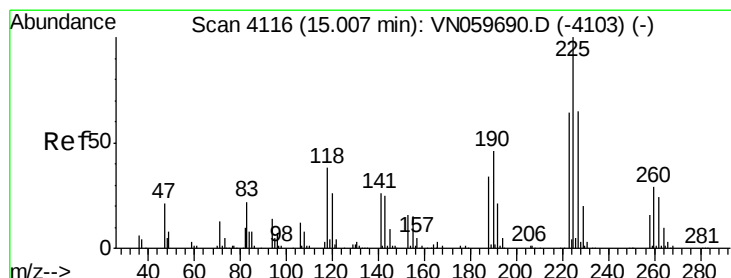
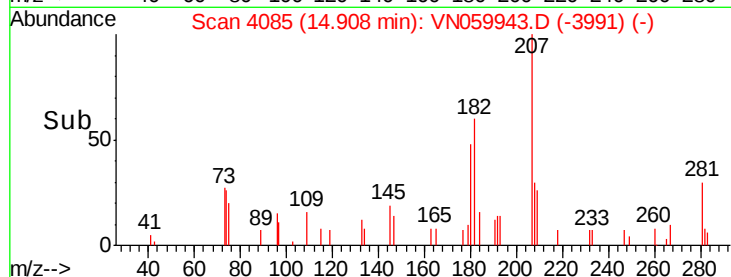
Tgt Ion:180 Resp: 1929
 Ion Ratio Lower Upper
 180 100
 182 102.9 46.9 140.7
 145 28.8 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

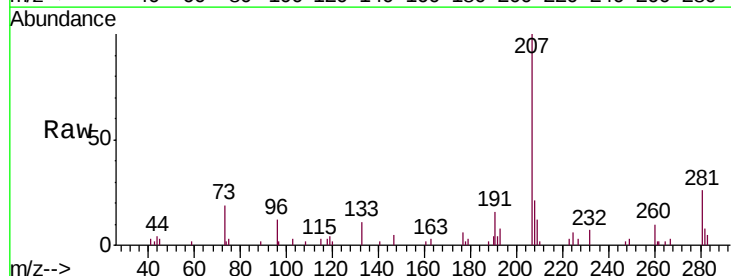


Time-->

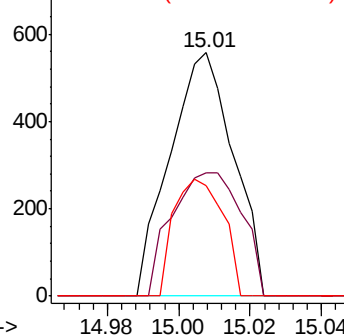


#94
 Hexachlorobutadiene
 Concen: 0.634 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

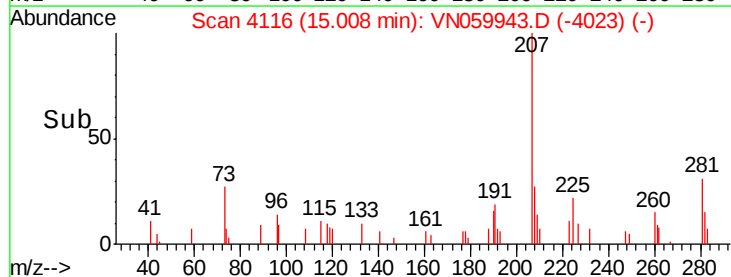
Tgt Ion:225 Resp: 685
 Ion Ratio Lower Upper
 225 100
 223 55.8 31.8 95.3
 227 37.2 32.1 96.5

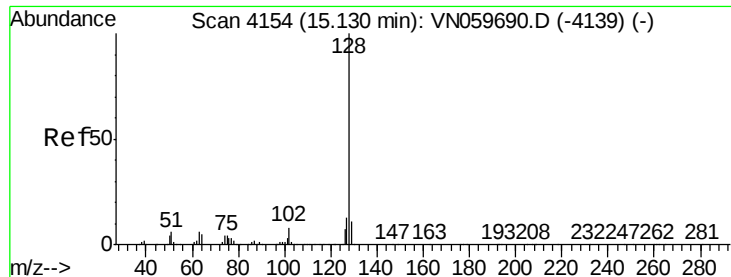


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->

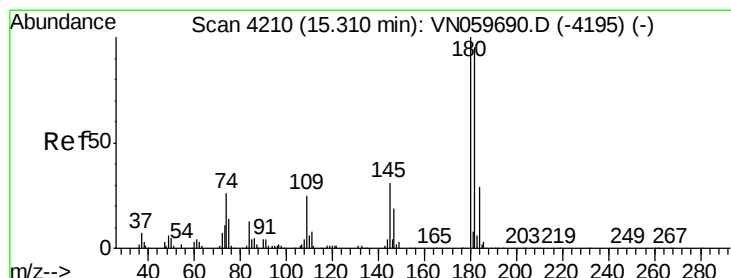
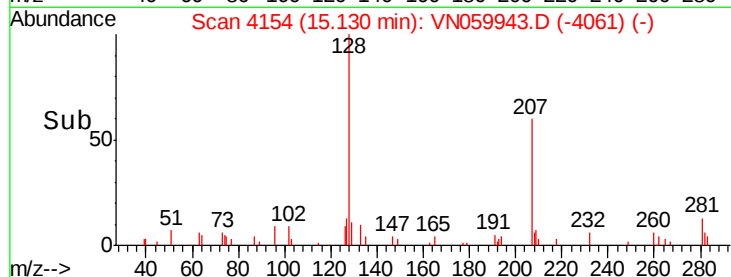
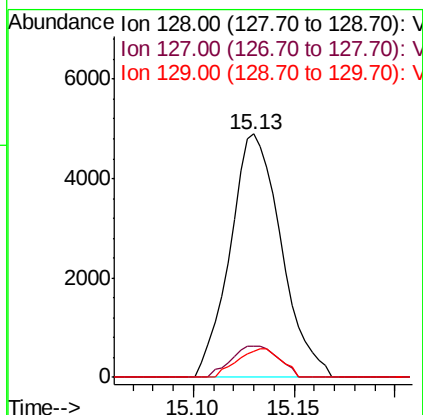
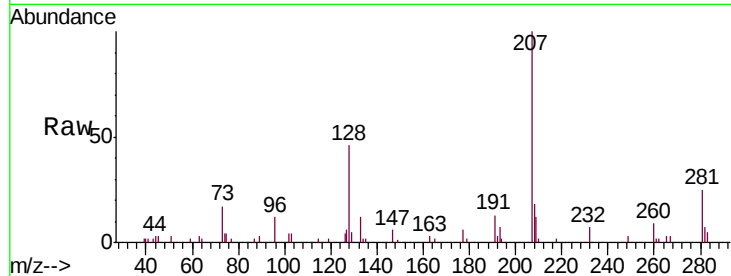




#95
Naphthalene
Concen: 1.552 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059943.D
Acq: 31 Jan 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB126487TB

Tgt Ion:128 Resp: 8658
Ion Ratio Lower Upper
128 100
127 11.9 10.4 15.6
129 10.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.280 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059943.D
Acq: 31 Jan 2020 13:26

Tgt Ion:180 Resp: 2443
Ion Ratio Lower Upper
180 100
182 87.5 47.4 142.3
145 34.5 16.3 48.9

