

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056433.D
 Acq On : 21 Jun 2019 18:00
 Operator : JC/SP
 Sample : PB120805ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805ZHE#04

Quant Time: Jun 22 01:48:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	404065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	687853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	688406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215492	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	226216	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
35) Dibromofluoromethane	7.59	113	200410	46.70	ug/l	0.00
Spiked Amount			Recovery	=	93.40%	
50) Toluene-d8	10.09	98	860502	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.40	95	286246	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	

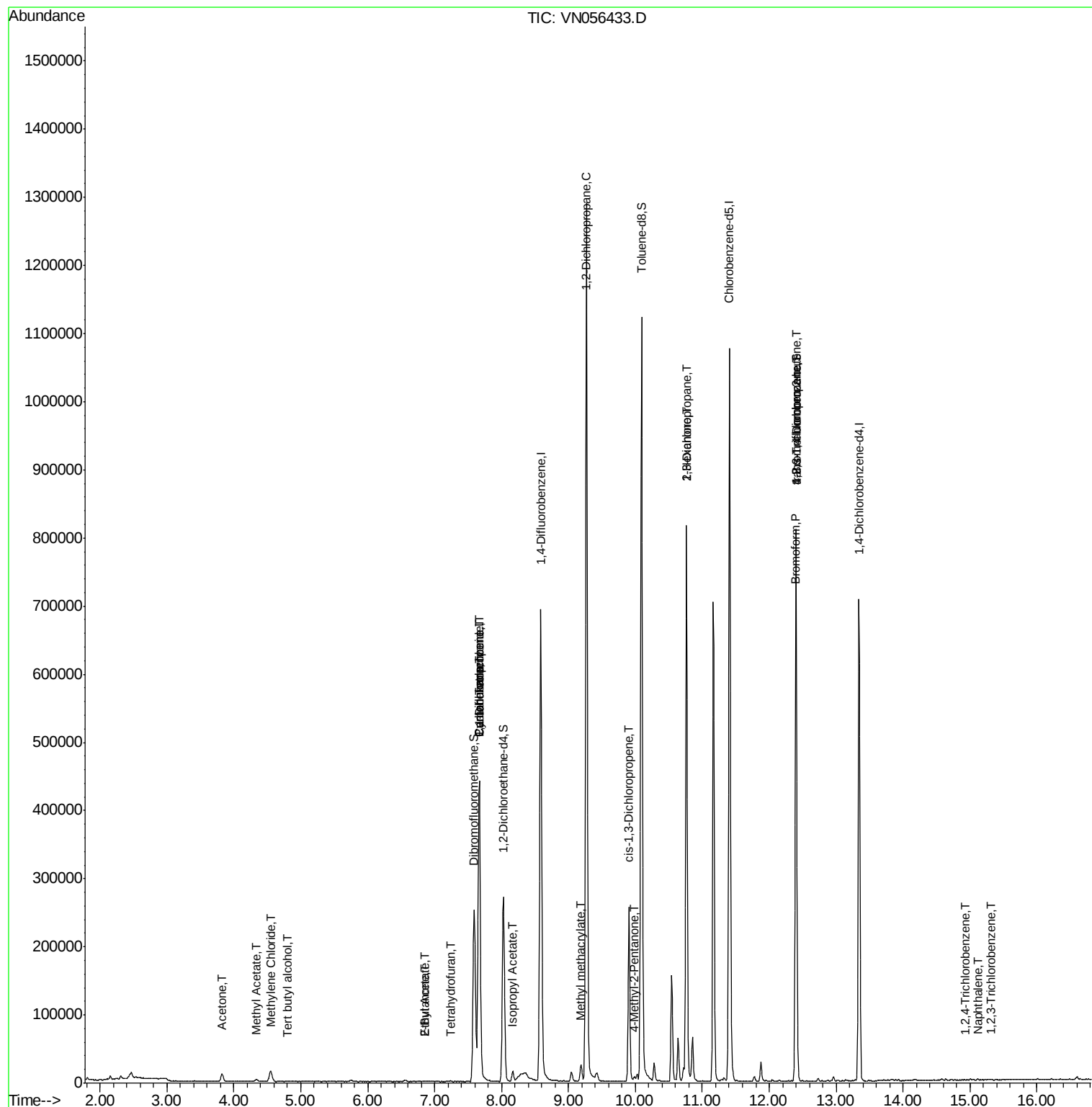
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.80	59	918	1.217	ug/l #	74
16) Acetone	3.82	43	19739	8.798	ug/l #	86
18) Methyl Acetate	4.33	43	6141	0.539	ug/l #	77
20) Methylene Chloride	4.55	84	12391	2.076	ug/l	97
25) 2-Butanone	6.86	43	2467	0.831	ug/l #	49
29) Tetrahydrofuran	7.23	42	1044	0.575	ug/l #	64
31) Cyclohexane	7.66	56	6418	0.928	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	26631	4.399	ug/l #	48
37) Ethyl Acetate	6.86	43	2467	0.415	ug/l #	69
38) Carbon Tetrachloride	7.67	117	36103	6.819	ug/l #	15
43) Isopropyl Acetate	8.17	43	17319	1.888	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1678	0.337	ug/l #	43
48) Methyl methacrylate	9.18	41	9414	2.048	ug/l #	21
51) 4-Methyl-2-Pentanone	9.98	43	4262	0.720	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	47343	7.114	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	8564	1.114	ug/l #	42
59) 2-Hexanone	10.76	43	119368	27.427	ug/l #	50
71) Bromoform	12.38	173	126	3.174	ug/l #	28
73) Isopropylbenzene	12.25	105	317	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	130898	29.295	ug/l #	100
79) 2-Chlorotoluene	12.68	91	306	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	1759	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	130898	104.119	ug/l #	8
83) tert-Butylbenzene	12.73	119	29	Below Cal	#	28
93) 1,2,4-Trichlorobenzene	14.91	180	227	5.667	ug/l #	59
94) Hexachlorobutadiene	15.01	225	116	Below Cal	#	52
95) Naphthalene	15.13	128	1026	5.338	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.32	180	382	4.570	ug/l #	62

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

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QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

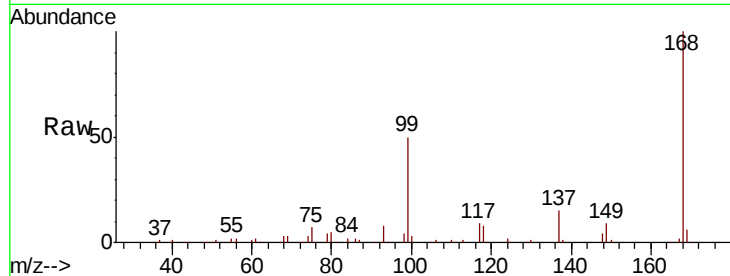
PB120805ZHE#04

Tot Ion:168 Resp: 404065

Ion Ratio Lower Upper

168 100

99 50.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056433.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056433.D (-1739) (-)

7.67

150000

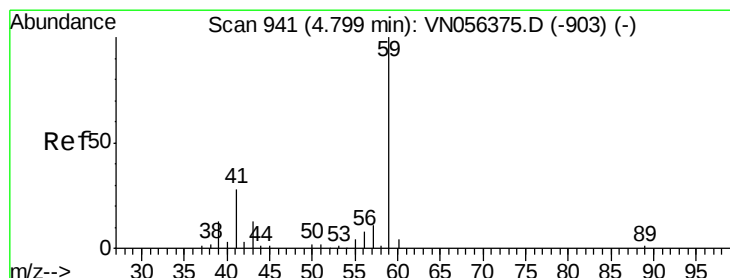
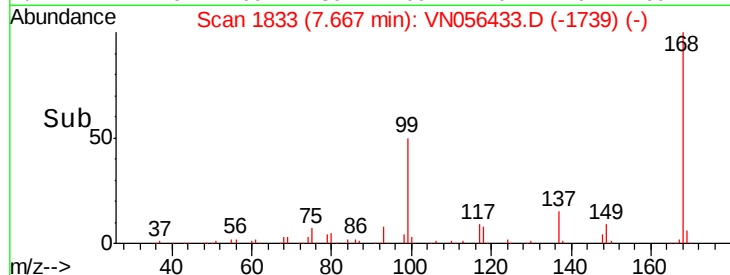
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 1.217 ug/l

RT: 4.80 min Scan# 942

Delta R.T. 0.00 min

Lab File: VN056433.D

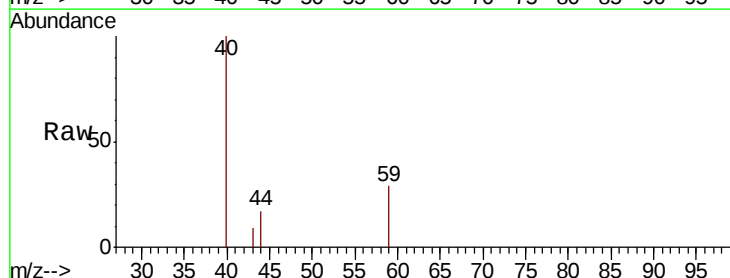
Acq: 21 Jun 2019 18:00

Tgt Ion: 59 Resp: 918

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VN056433.D (-848) (-)

Ion 57.00 (56.70 to 57.70): VN056433.D (-848) (-)

4.80

600

500

400

300

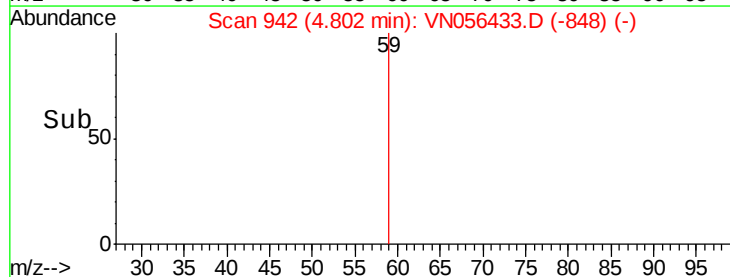
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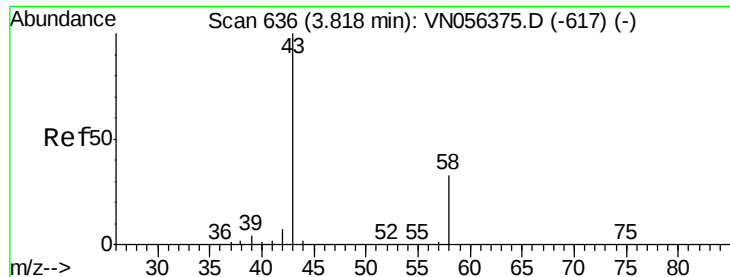
100

0

4.80 4.85

Time-->





#16

Acetone

Concen: 8.798 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

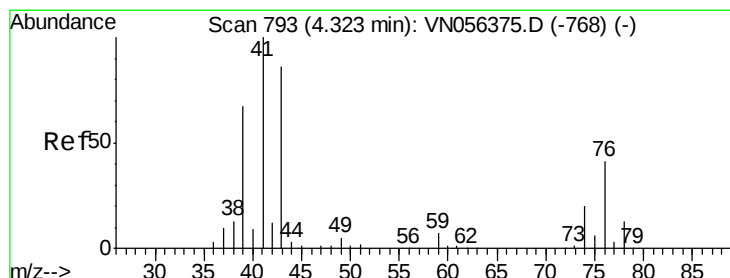
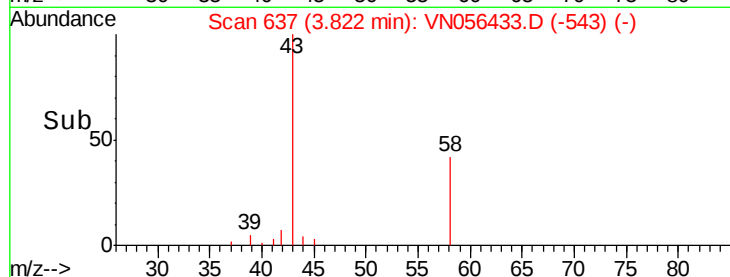
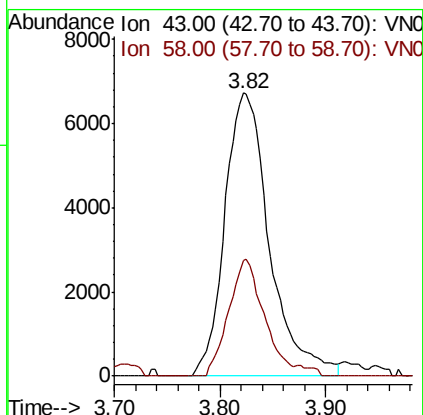
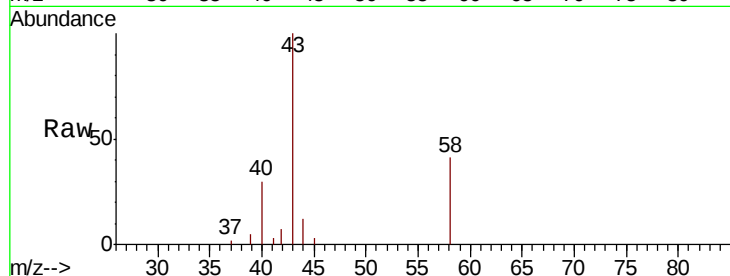
PB120805ZHE#04

Tot Ion: 43 Resp: 19739

Ion Ratio Lower Upper

43 100

58 40.9 26.4 39.6#



#18

Methyl Acetate

Concen: 0.539 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056433.D

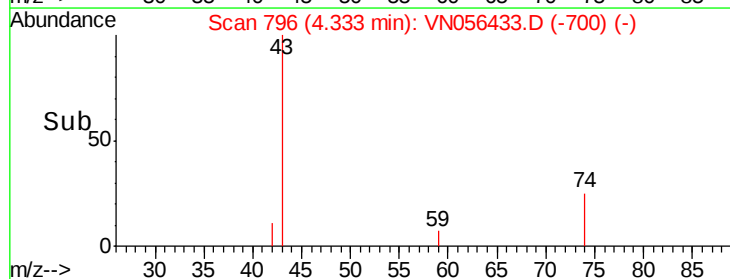
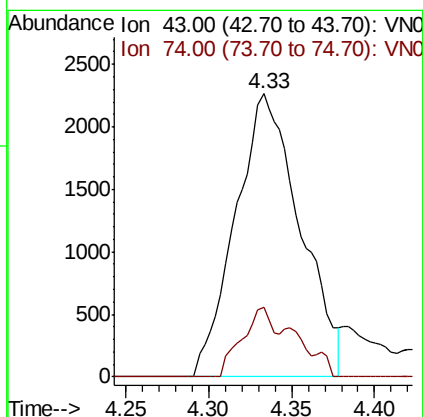
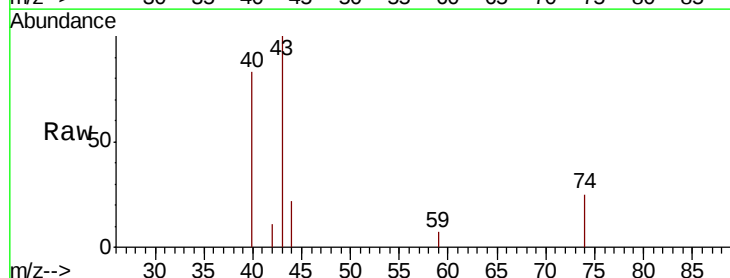
Acq: 21 Jun 2019 18:00

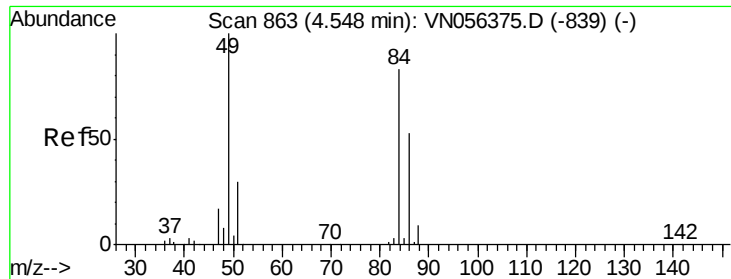
Tgt Ion: 43 Resp: 6141

Ion Ratio Lower Upper

43 100

74 12.5 19.2 28.8#

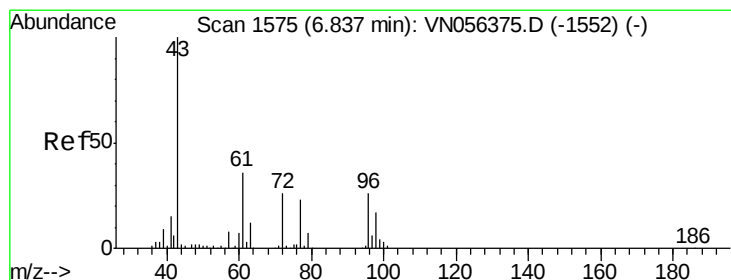
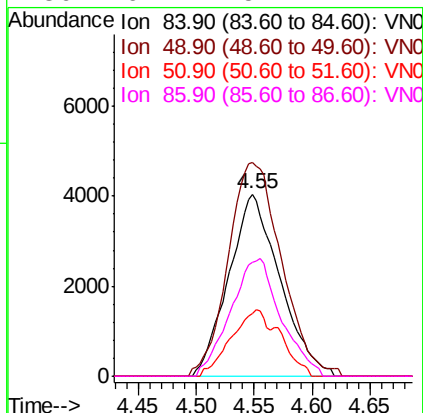
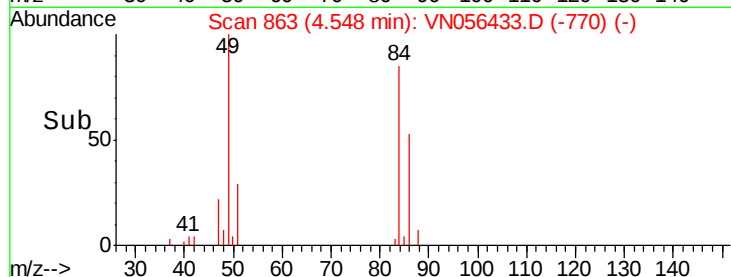
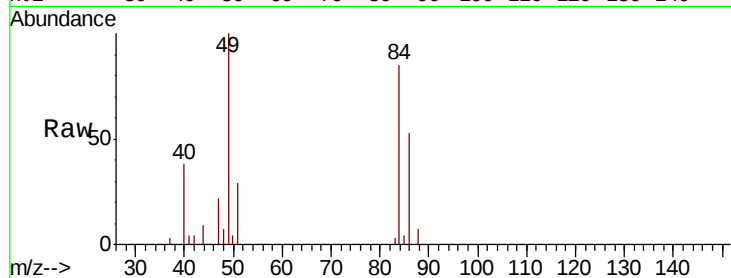




#20
Methvlene Chloride
Concen: 2.076 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056433.D
Acq: 21 Jun 2019 18:00

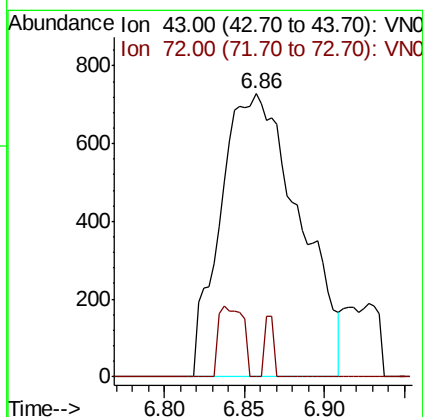
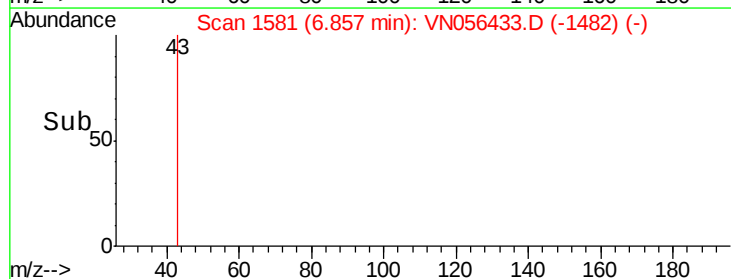
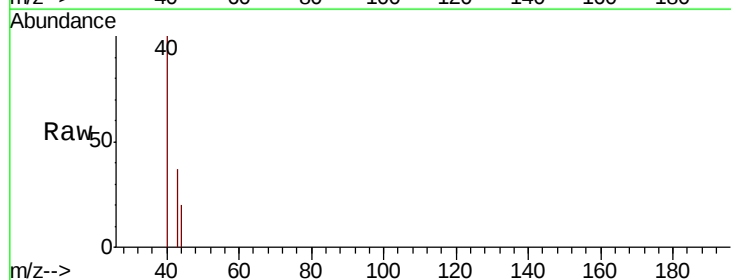
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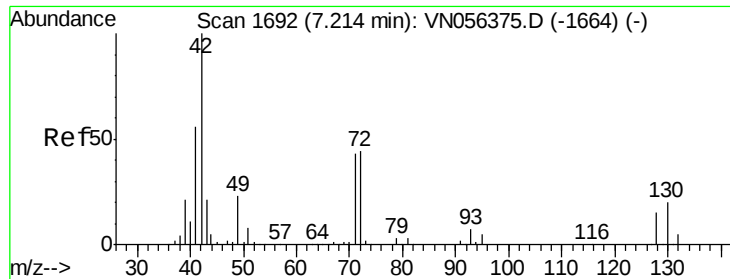
Tot Ion:	84	Resp:	12391
Ion	Ratio	Lower	Upper
84	100		
49	117.2	96.4	144.6
51	34.4	28.6	43.0
86	62.2	51.4	77.2



#25
2-Butanone
Concen: 0.831 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN056433.D
Acq: 21 Jun 2019 18:00

Tgt Ion:	43	Resp:	2467
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.6	31.0#

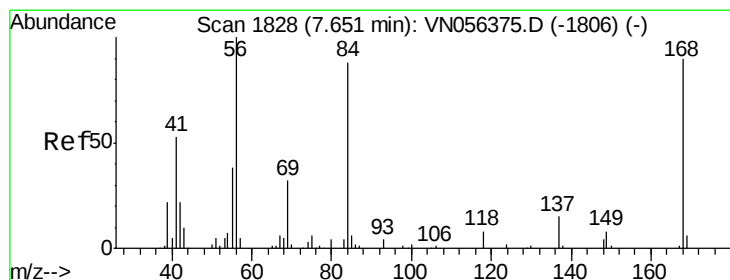
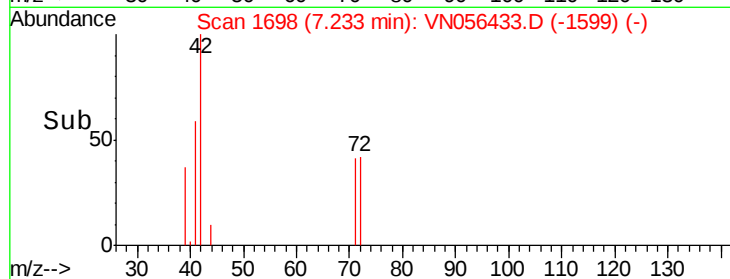
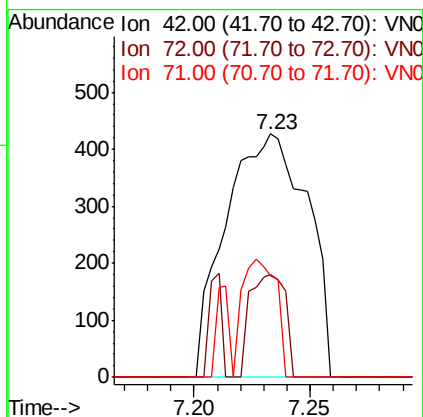
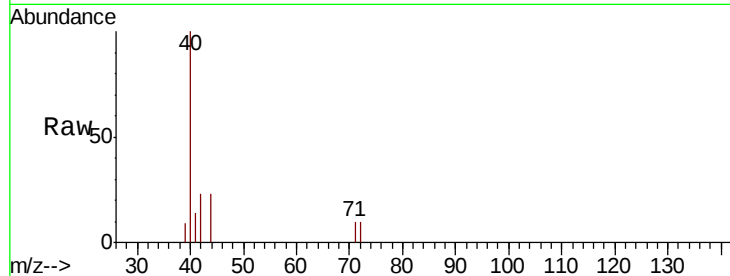




#29
Tetrahydrofuran
Concen: 0.575 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.02 min
Lab File: VN056433.D
Acq: 21 Jun 2019 18:00

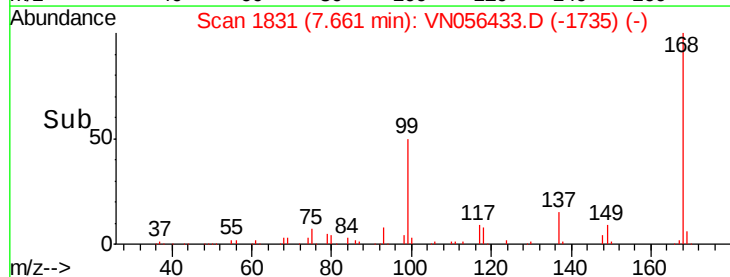
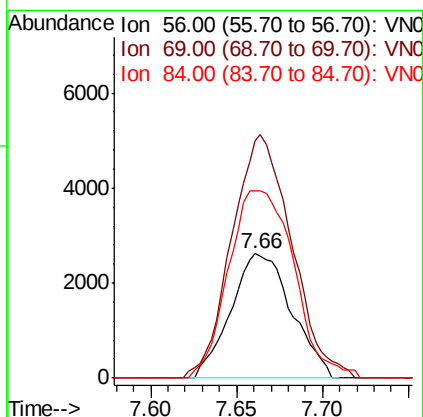
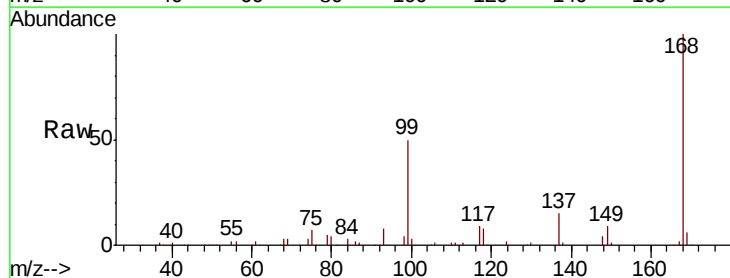
Instrument :
MSVOA_N
ClientSampleId :
PB120805ZHE#04

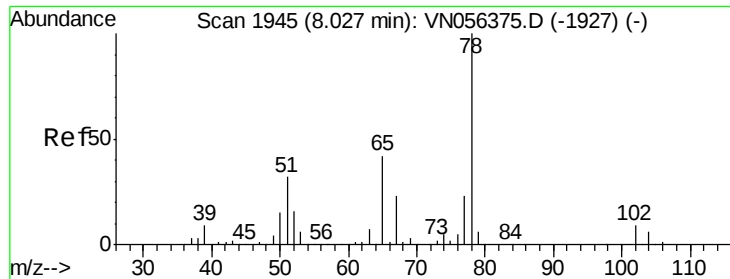
Tot Ion: 42 Resp: 1044
Ion Ratio Lower Upper
42 100
72 18.3 34.7 52.1#
71 20.2 33.0 49.6#



#31
Cyclohexane
Concen: 0.928 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN056433.D
Acq: 21 Jun 2019 18:00

Tgt Ion: 56 Resp: 6418
Ion Ratio Lower Upper
56 100
69 184.3 25.8 38.6#
84 150.6 69.4 104.0#

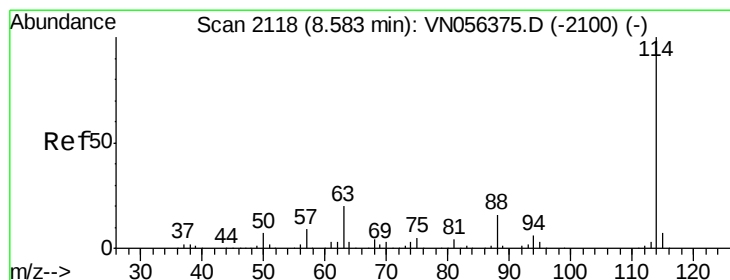
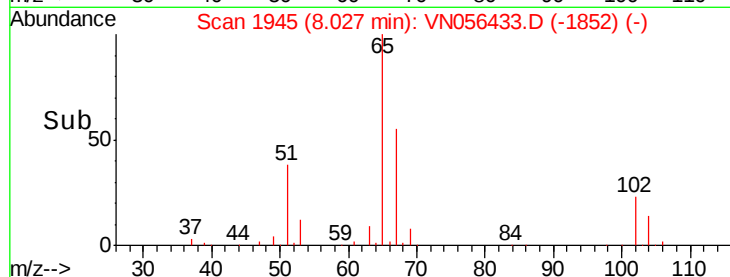
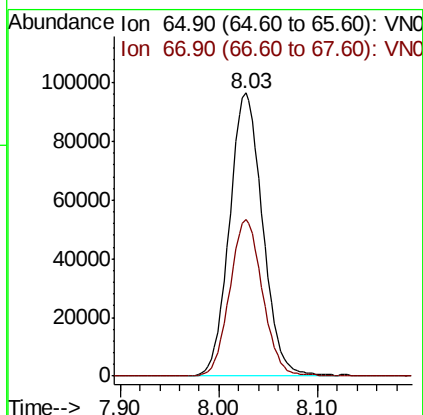
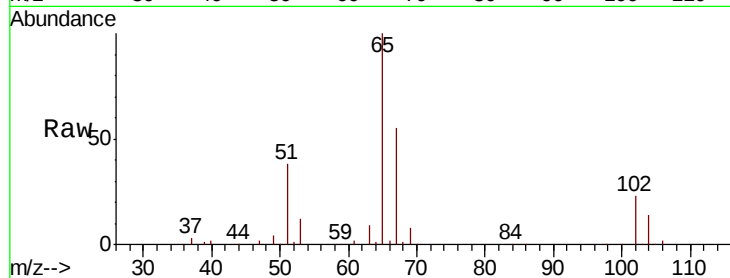




#33
 1,2-Dichloroethane-d4
 Concen: 50.514 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056433.D
 Acq: 21 Jun 2019 18:00

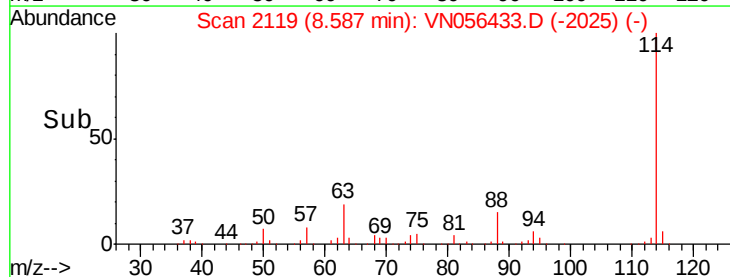
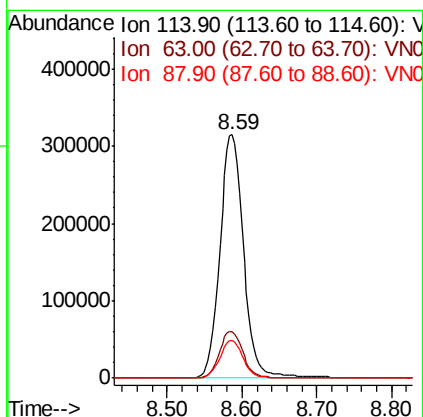
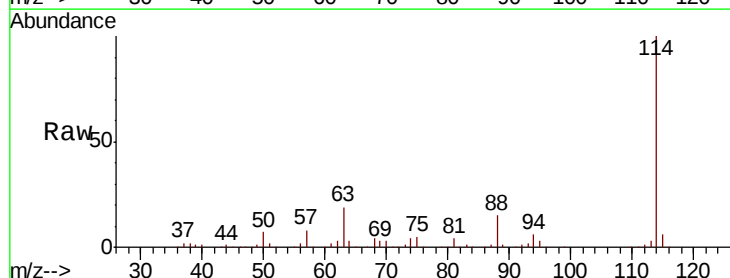
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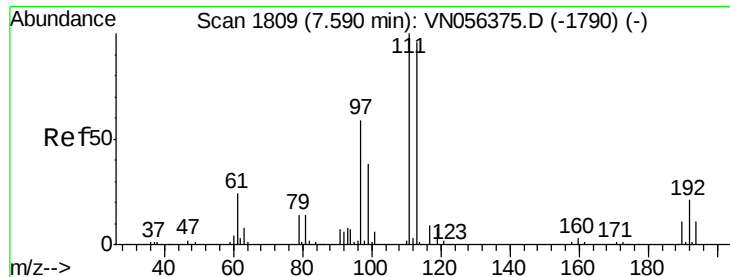
Tot Ion: 65 Resp: 226216
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056433.D
 Acq: 21 Jun 2019 18:00

Tgt Ion: 114 Resp: 687853
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.5 0.0 31.4

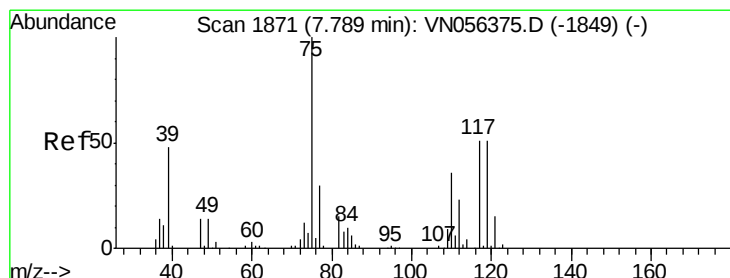
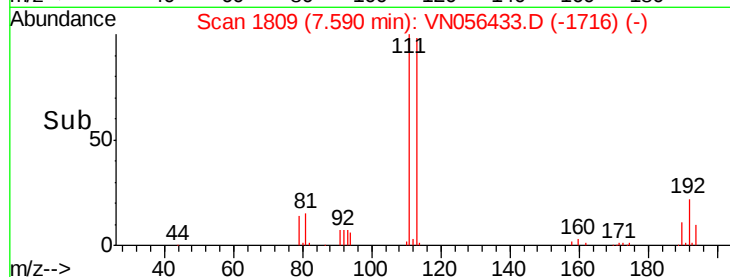
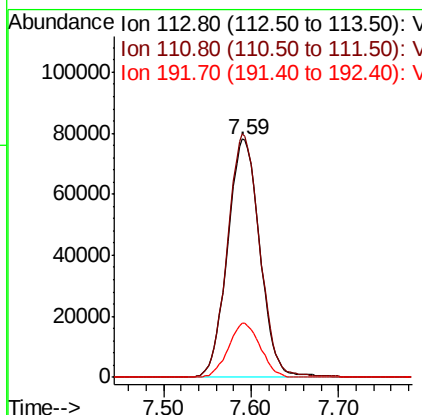
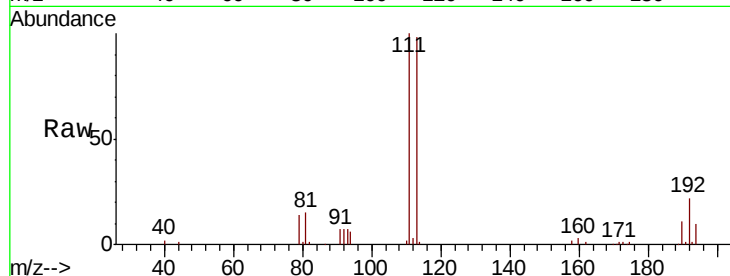




#35
 Dibromofluoromethane
 Concen: 46.704 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056433.D
 Acq: 21 Jun 2019 18:00

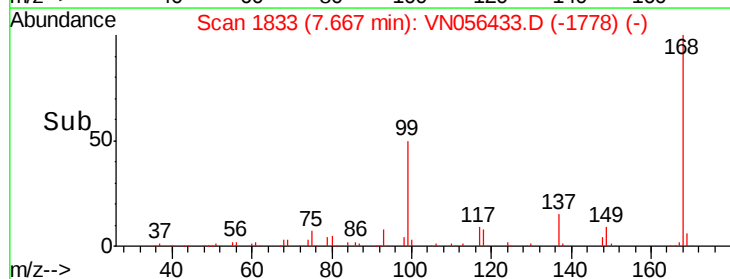
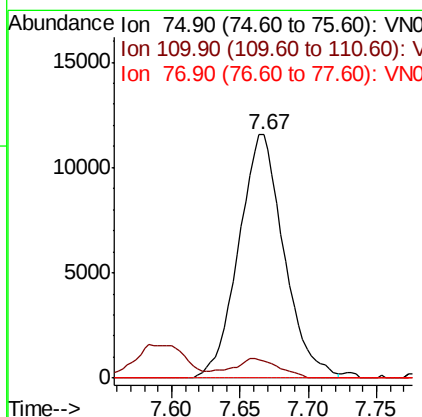
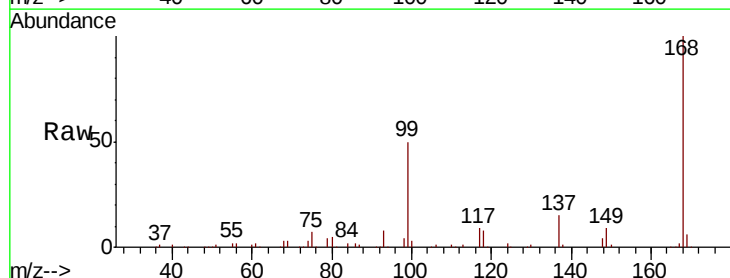
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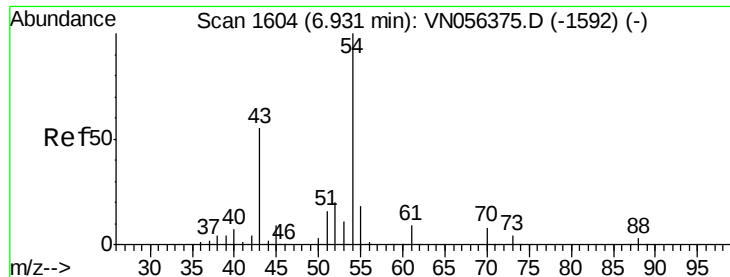
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.9	124.3
192	22.3	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 4.399 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN056433.D
 Acq: 21 Jun 2019 18:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.1	54.3#
77	0.0	24.6	36.8#

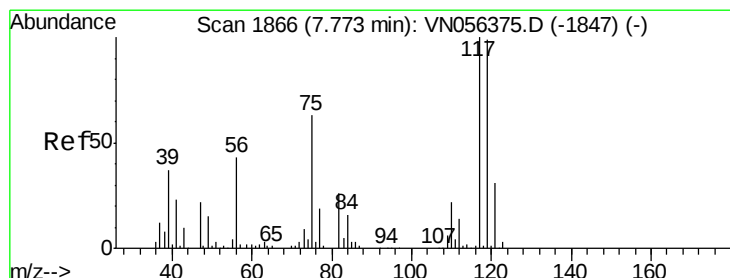
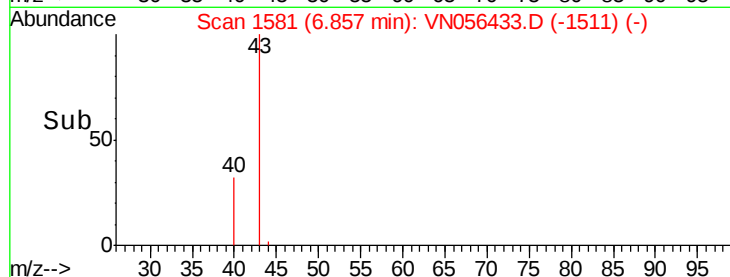
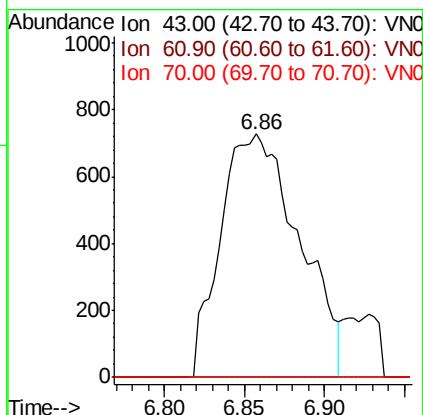
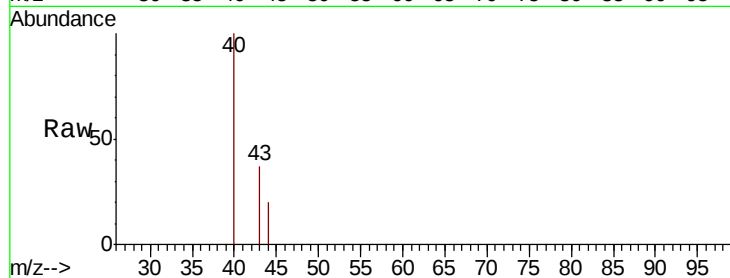




#37
Ethyl Acetate
Concen: 0.415 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. -0.07 min
Lab File: VN056433.D
Acq: 21 Jun 2019 18:00

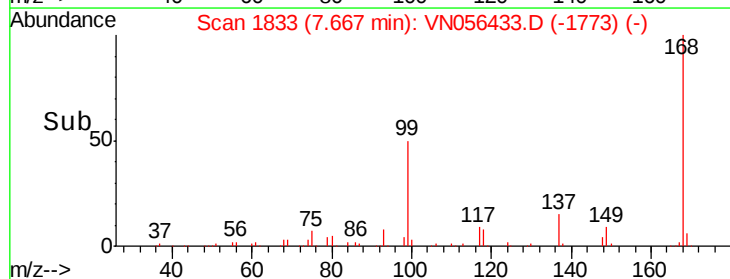
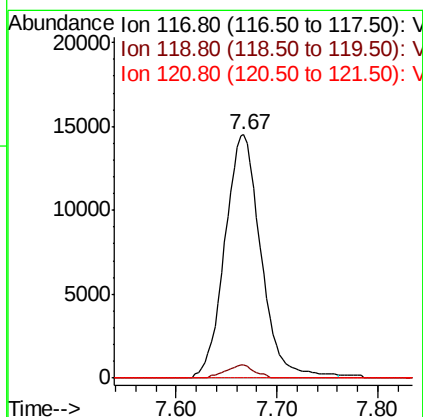
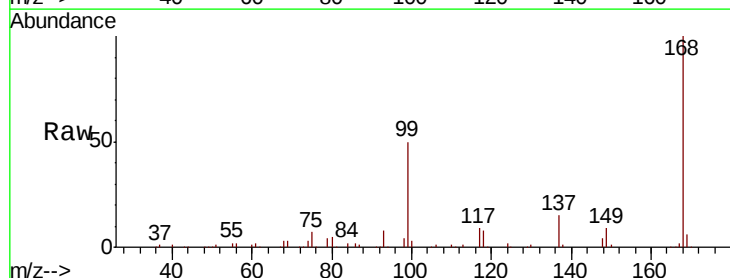
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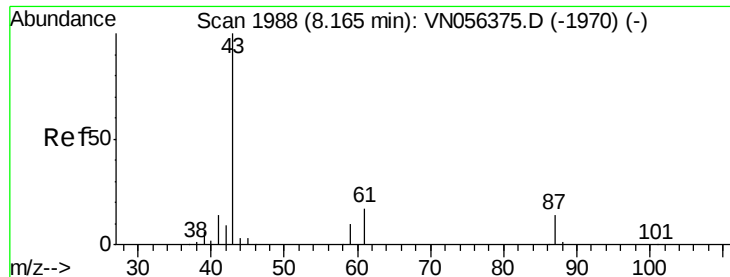
Tot Ion: 43 Resp: 2467
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 6.819 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN056433.D
Acq: 21 Jun 2019 18:00

Tgt Ion: 117 Resp: 36103
Ion Ratio Lower Upper
117 100
119 5.3 79.1 118.7#
121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 1.888 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#04

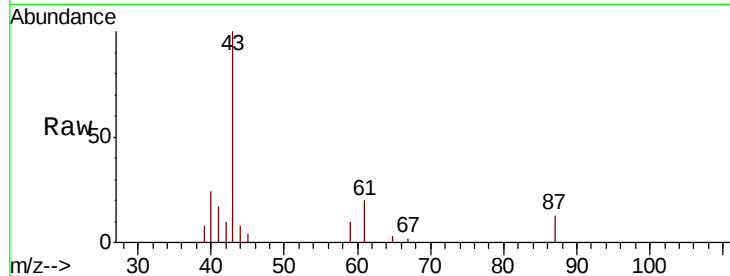
Tot Ion: 43 Resp: 17319

Ion Ratio Lower Upper

43 100

61 19.9 22.0 33.0#

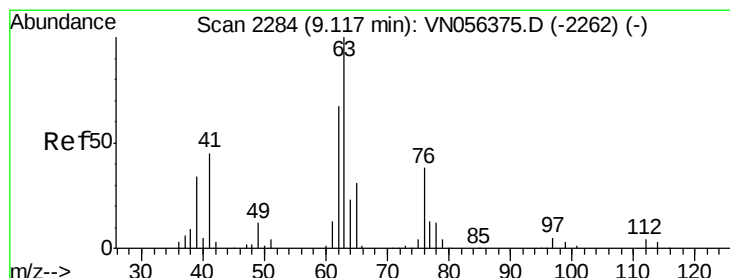
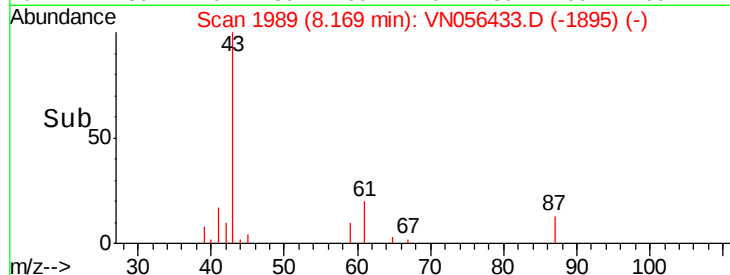
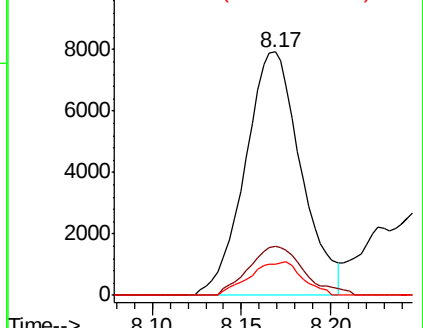
87 13.0 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.337 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056433.D

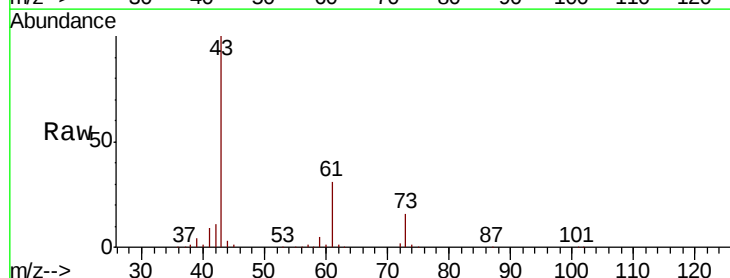
Acq: 21 Jun 2019 18:00

Tgt Ion: 63 Resp: 1678

Ion Ratio Lower Upper

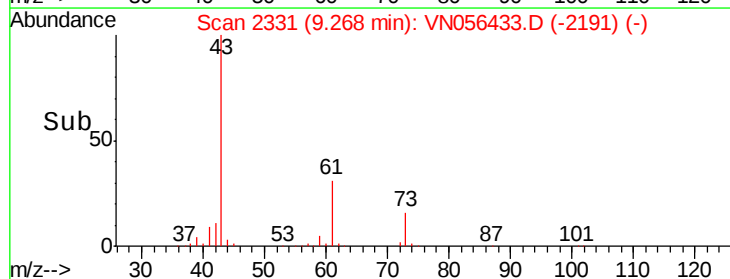
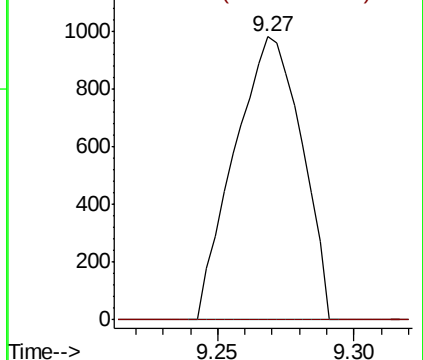
63 100

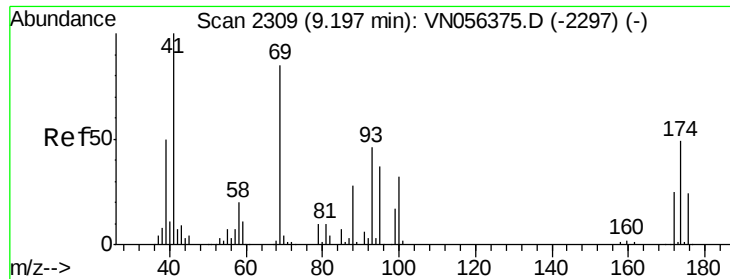
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

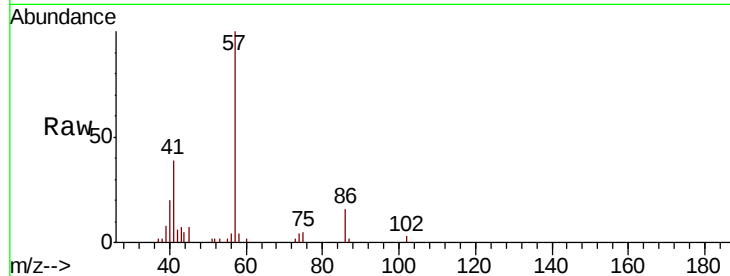




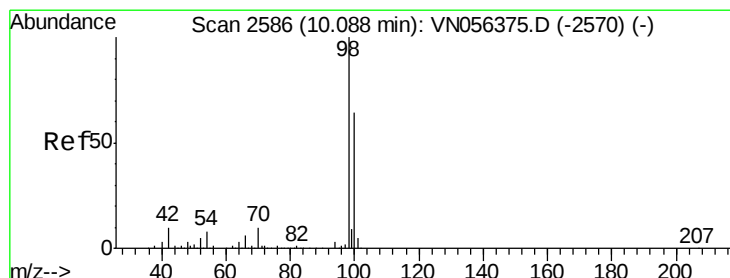
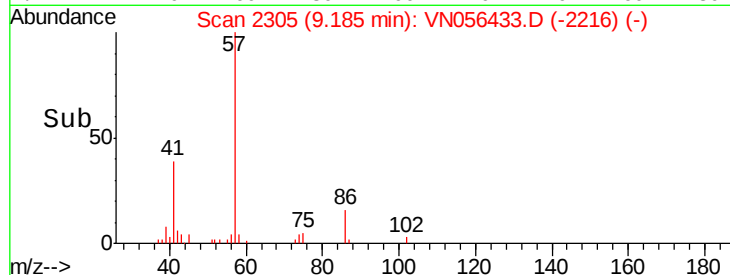
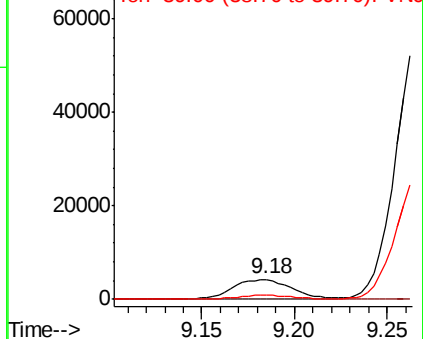
#48
Methvl methacrylate
Concen: 2.048 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN056433.D
Acq: 21 Jun 2019 18:00

Instrument :
MSVOA_N
ClientSampleId :
PB120805ZHE#04

Tot Ion: 41 Resp: 9414
Ion Ratio Lower Upper
41 100
69 0.0 72.6 109.0#
39 18.4 42.6 63.8#

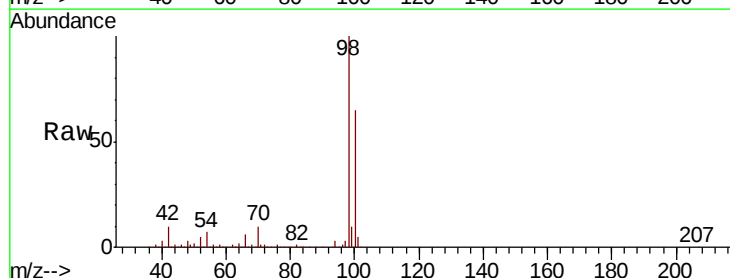


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

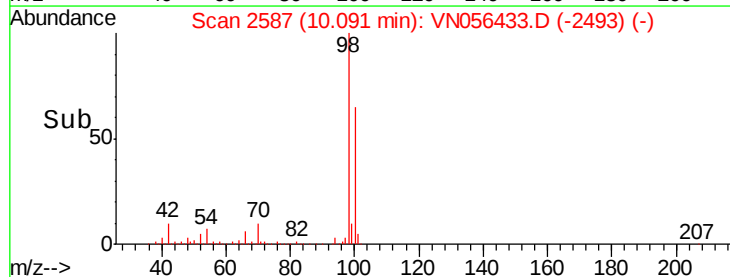
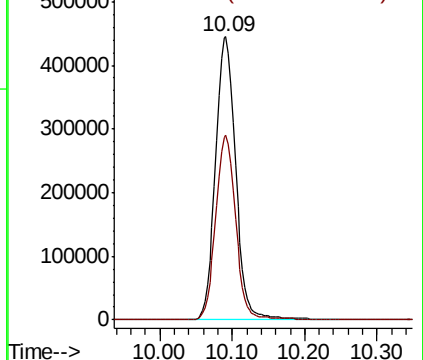


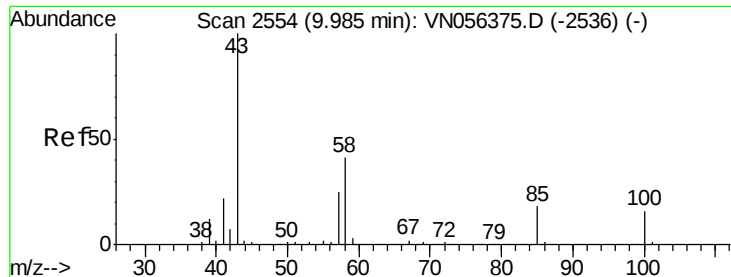
#50
Toluene-d8
Concen: 51.537 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056433.D
Acq: 21 Jun 2019 18:00

Tgt Ion: 98 Resp: 860502
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.720 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

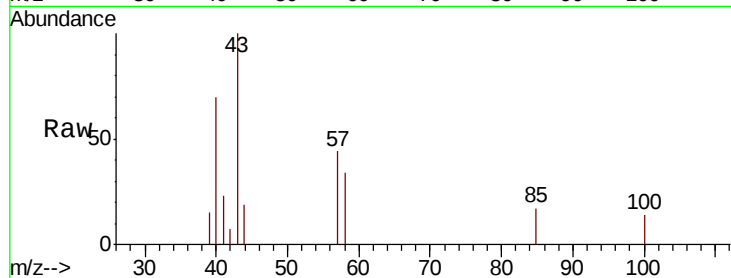
PB120805ZHE#04

Tot Ion: 43 Resp: 4262

Ion Ratio Lower Upper

43 100

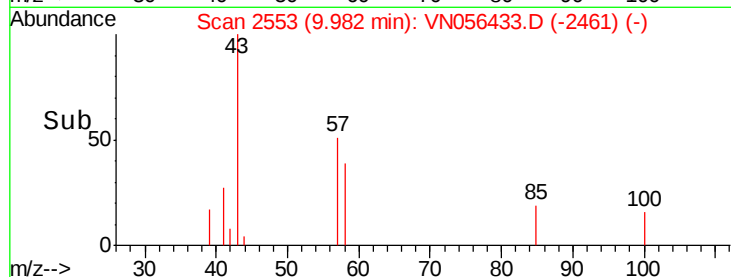
58 40.5 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN056375.D (-2536) (-)

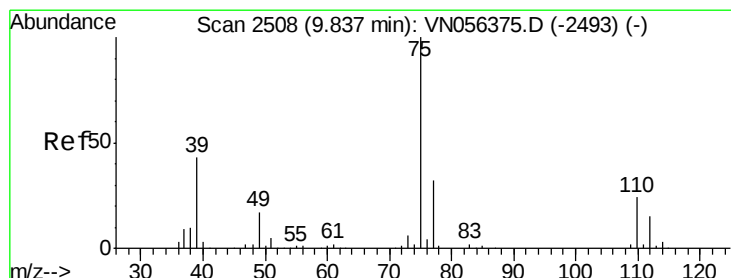
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN056433.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN056433.D (-2461) (-)

Time-->



#54

cis-1,3-Dichloropropene

Concen: 7.114 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

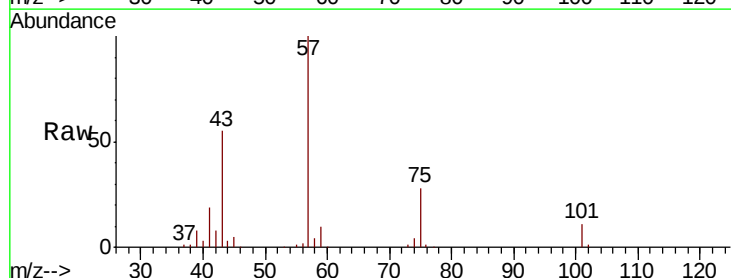
Tgt Ion: 75 Resp: 47343

Ion Ratio Lower Upper

75 100

77 0.8 25.2 37.8#

39 29.9 34.2 51.4#

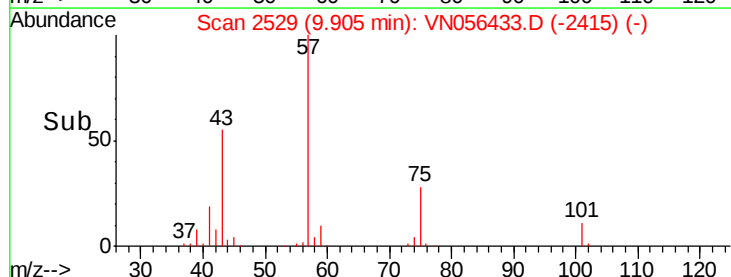


Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN056375.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN056375.D (-2493) (-)

Time-->

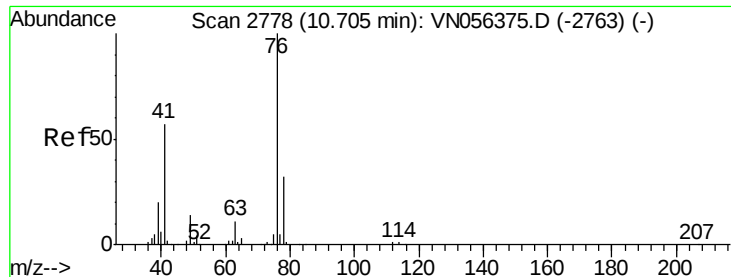


Abundance Ion 74.90 (74.60 to 75.60): VN056433.D (-2415) (-)

Ion 76.90 (76.60 to 77.60): VN056433.D (-2415) (-)

Ion 39.00 (38.70 to 39.70): VN056433.D (-2415) (-)

Time-->



#57

1,3-Dichloropropane

Concen: 1.114 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

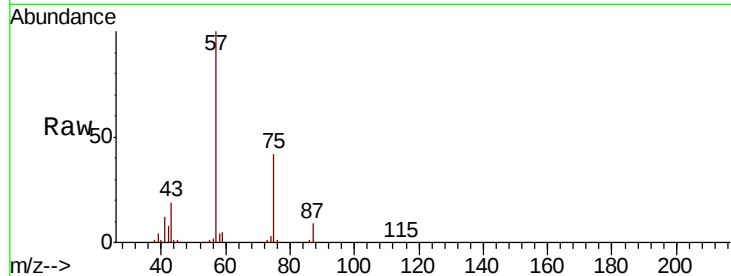
PB120805ZHE#04

Tot Ion: 76 Resp: 8564

Ion Ratio Lower Upper

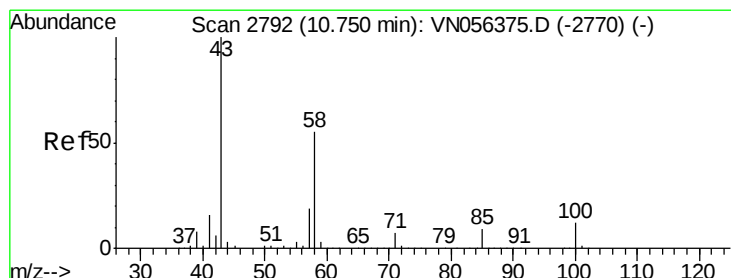
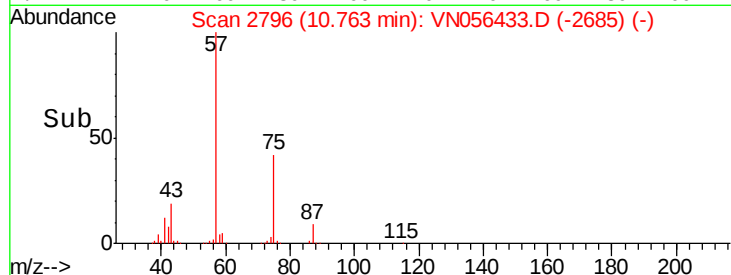
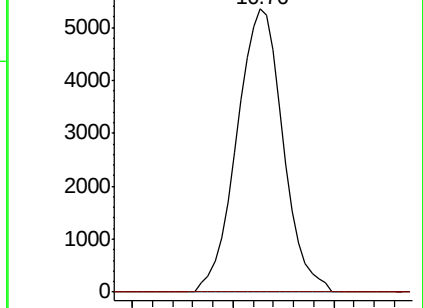
76 100

78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 27.427 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056433.D

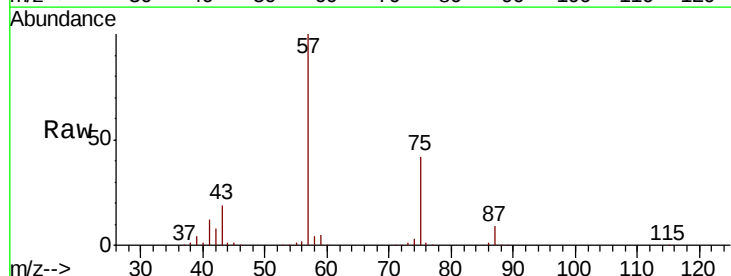
Acq: 21 Jun 2019 18:00

Tgt Ion: 43 Resp: 119368

Ion Ratio Lower Upper

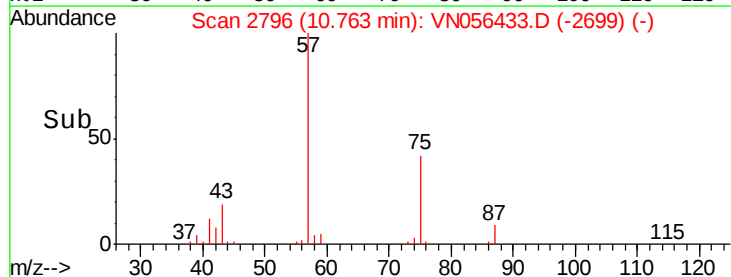
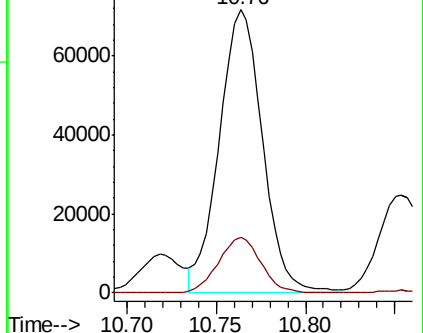
43 100

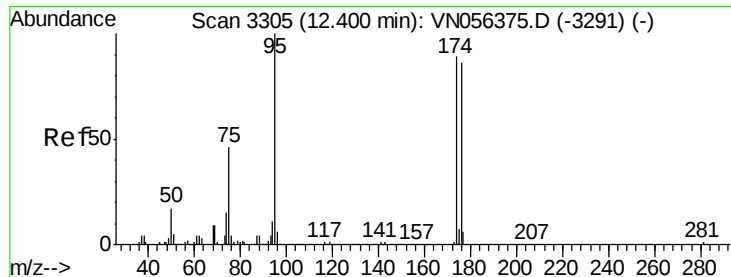
58 19.5 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.427 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#04

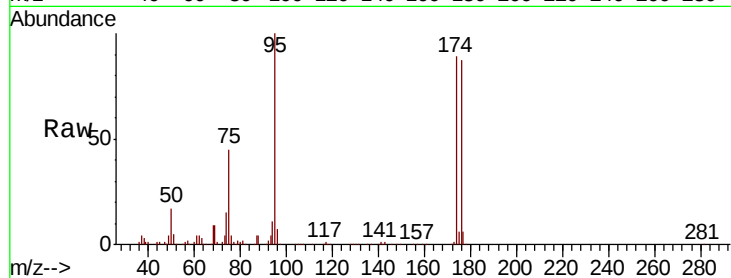
Tot Ion: 95 Resp: 286246

Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.4

176 87.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056433.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056433.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056433.D (-2903) (-)

12.40

200000

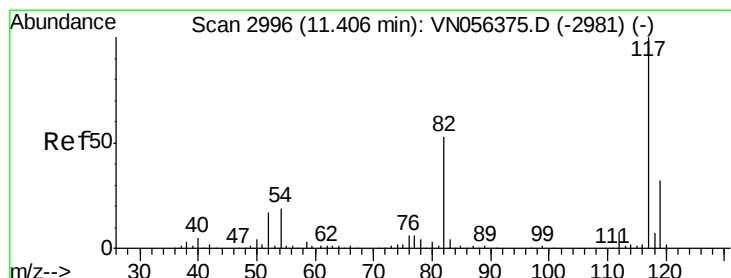
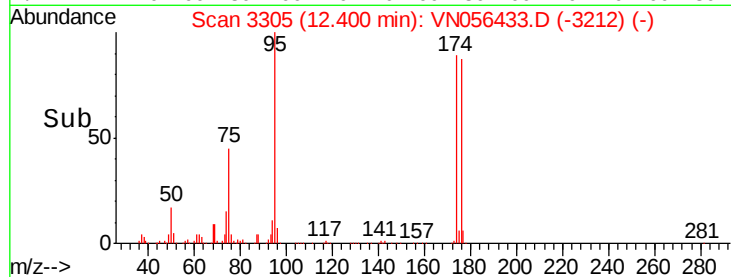
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

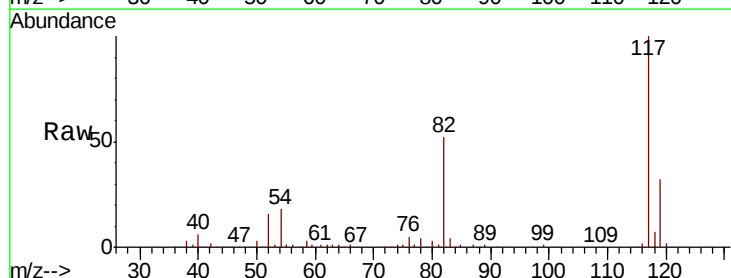
Tgt Ion: 117 Resp: 688406

Ion Ratio Lower Upper

117 100

82 51.6 42.0 63.0

119 32.3 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN056433.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056433.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056433.D (-2903) (-)

11.41

500000

400000

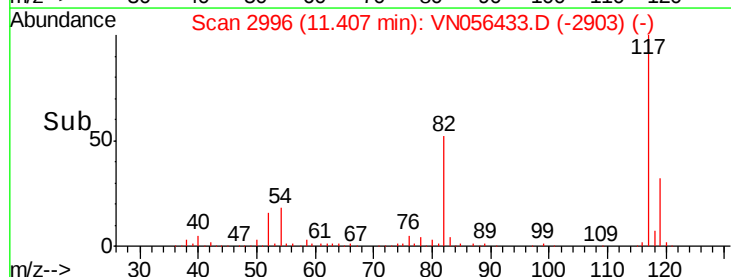
300000

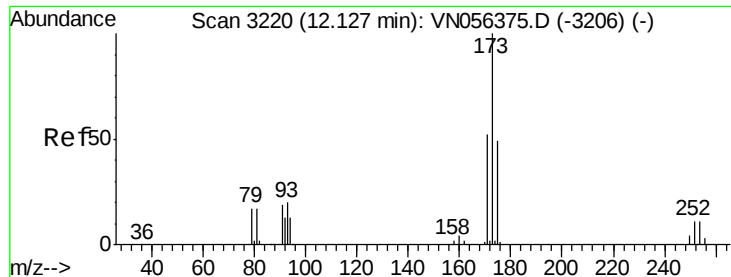
200000

100000

0

Time--> 11.30 11.40 11.50





#71

Bromoform

Concen: 3.174 ug/l

RT: 12.38 min Scan# 3300

Delta R.T. 0.26 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#04

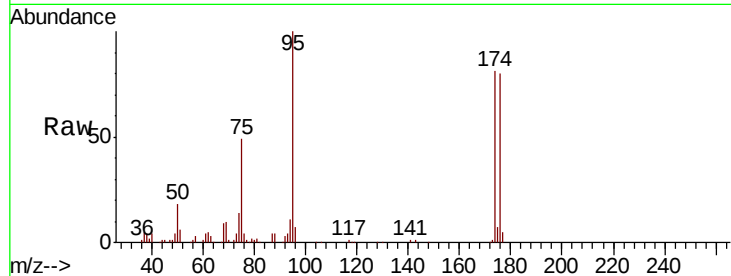
Tot Ion:173 Resp: 126

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.4#

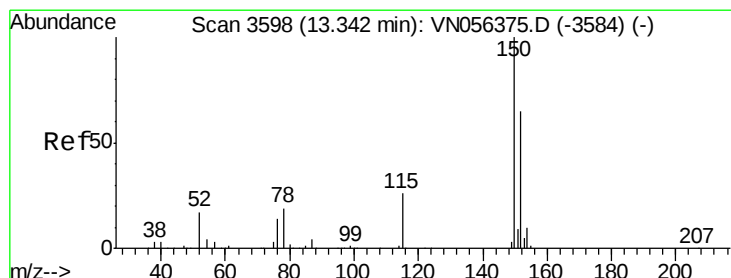
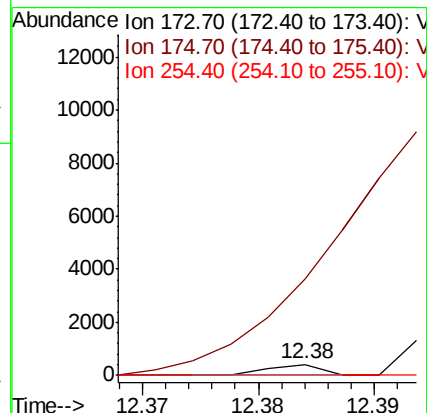
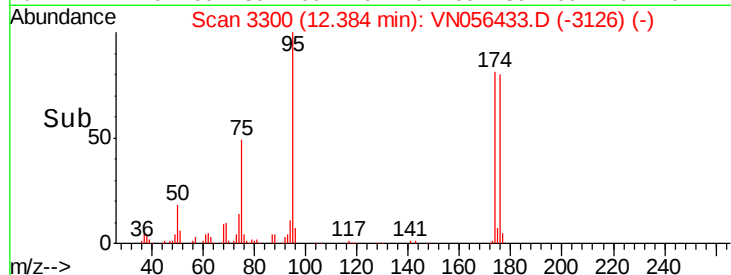
254 0.0 0.0 0.0



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: VN056433.D

Acq: 21 Jun 2019 18:00

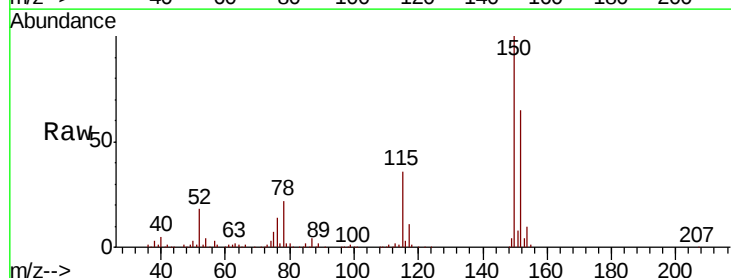
Tgt Ion:152 Resp: 215492

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.4

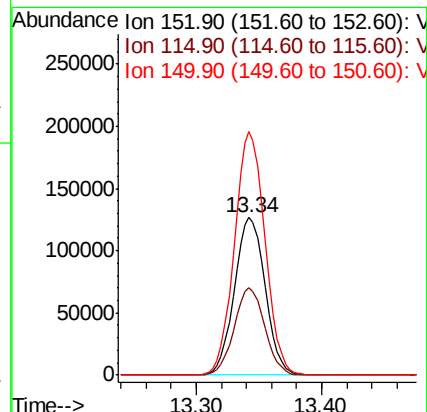
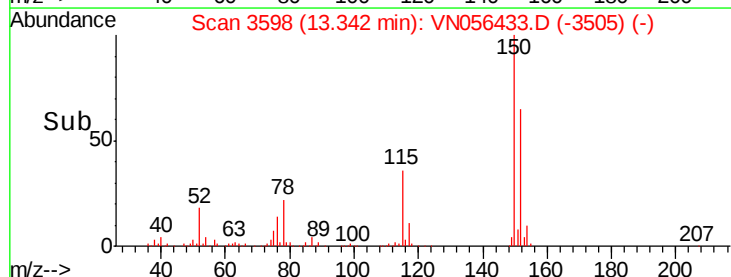
150 153.6 0.0 348.4

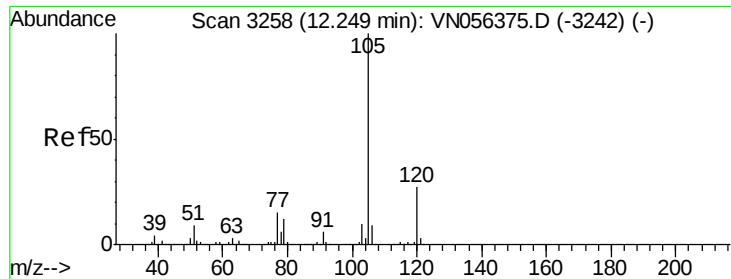


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

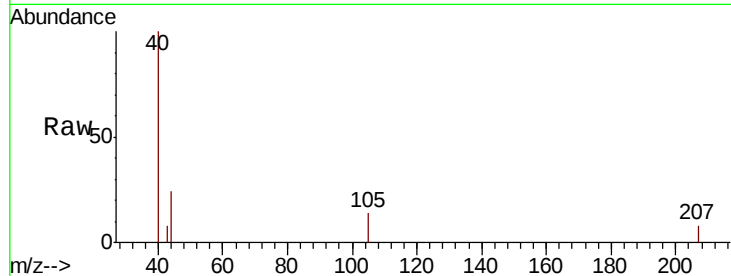
PB120805ZHE#04

Tot Ion: 105 Resp: 317

Ion Ratio Lower Upper

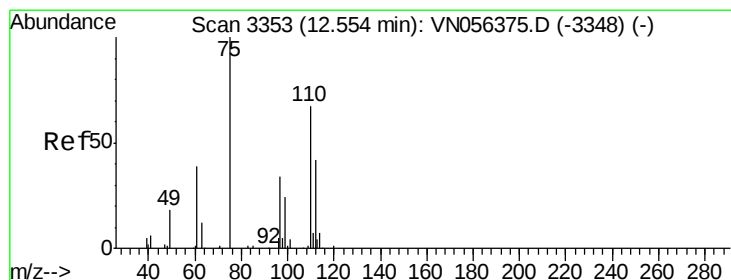
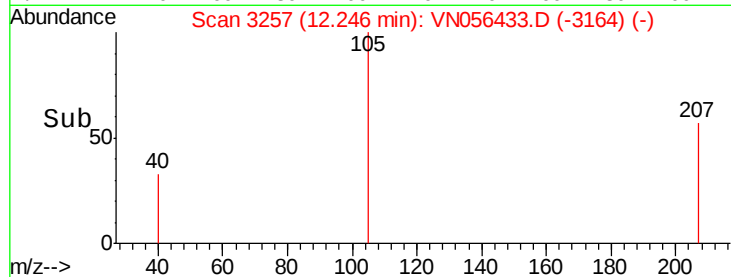
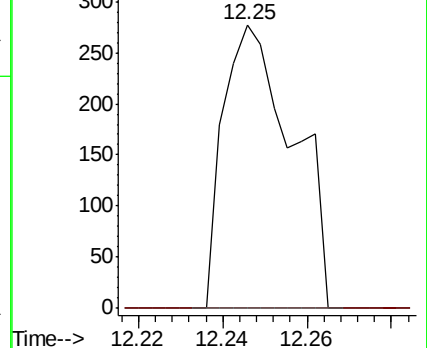
105 100

120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 29.295 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056433.D

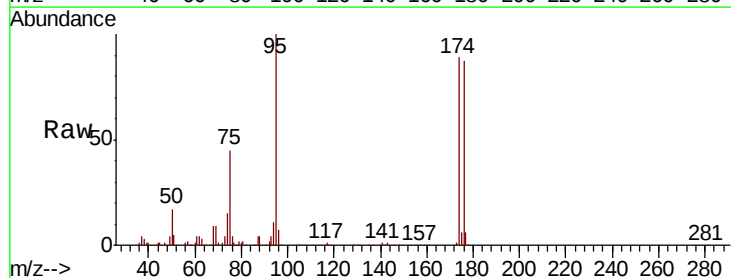
Acq: 21 Jun 2019 18:00

Tgt Ion: 75 Resp: 130898

Ion Ratio Lower Upper

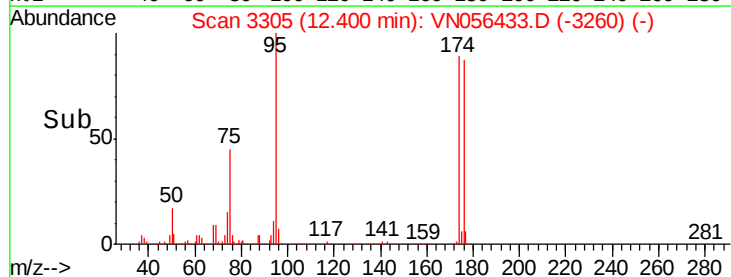
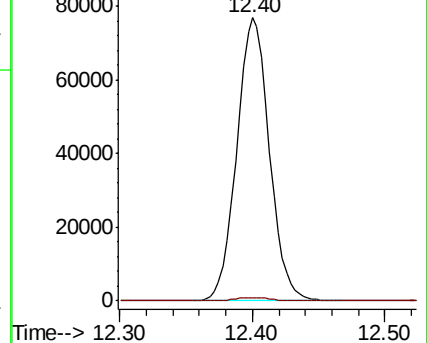
75 100

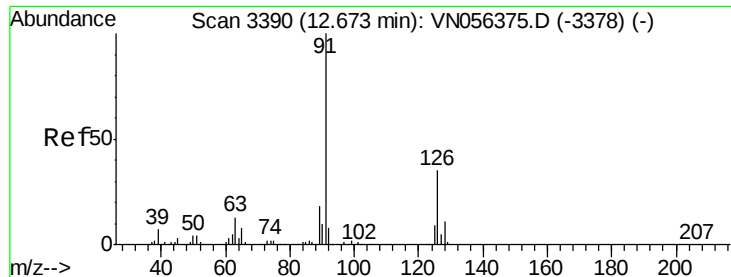
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

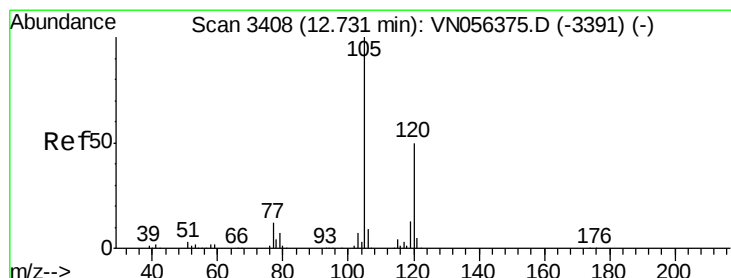
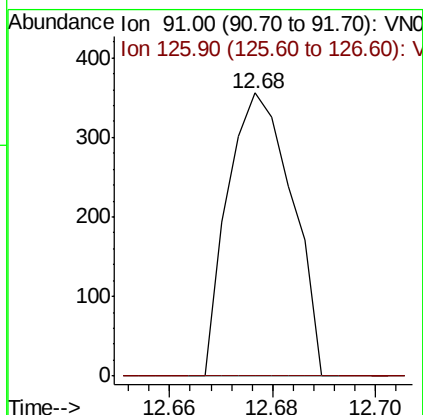
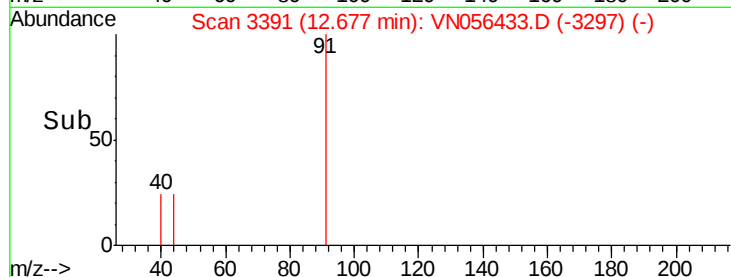
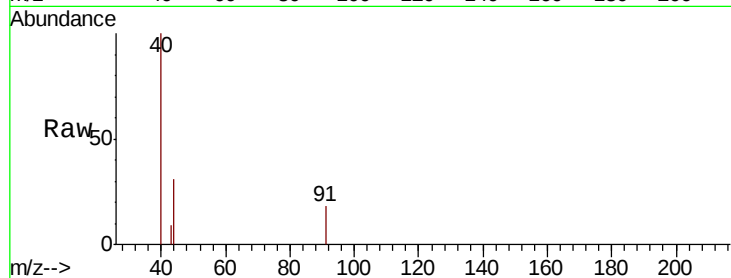
PB120805ZHE#04

Tot Ion: 91 Resp: 306

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN056433.D

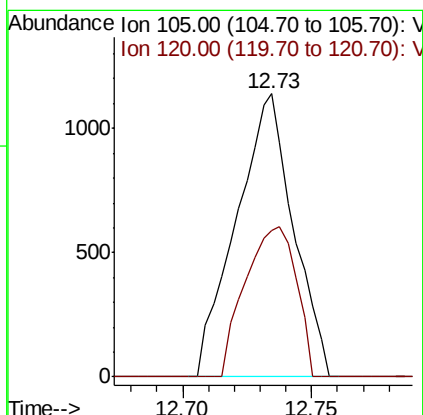
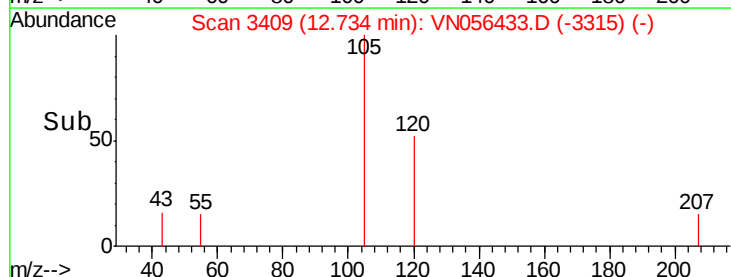
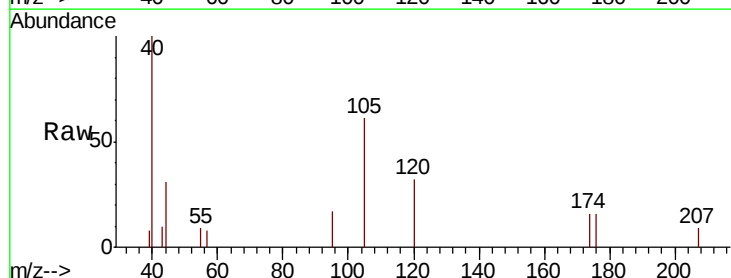
Acq: 21 Jun 2019 18:00

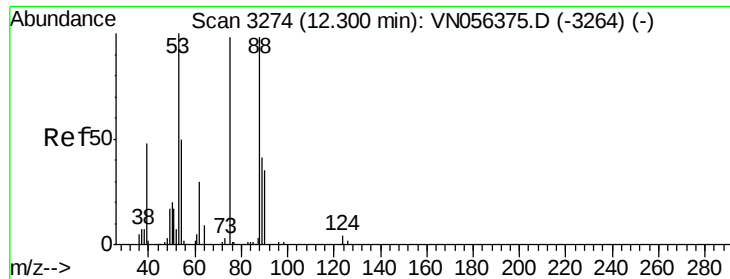
Tgt Ion: 105 Resp: 1759

Ion Ratio Lower Upper

105 100

120 47.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 104.119 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#04

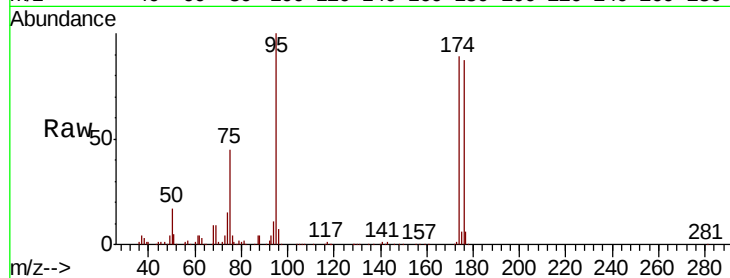
Tot Ion: 75 Resp: 130898

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

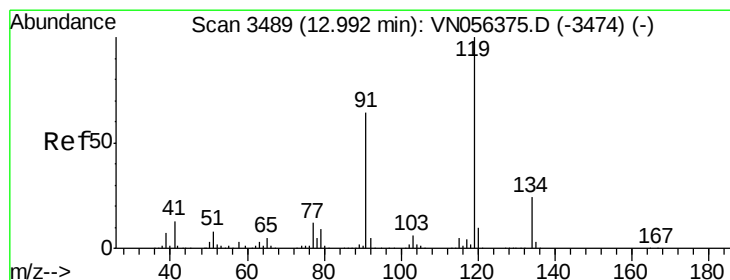
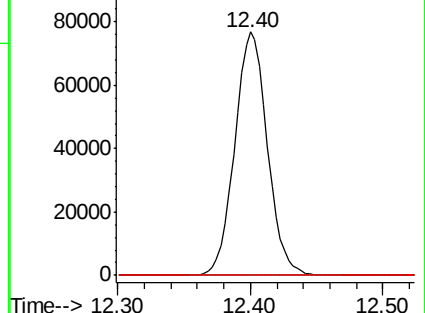
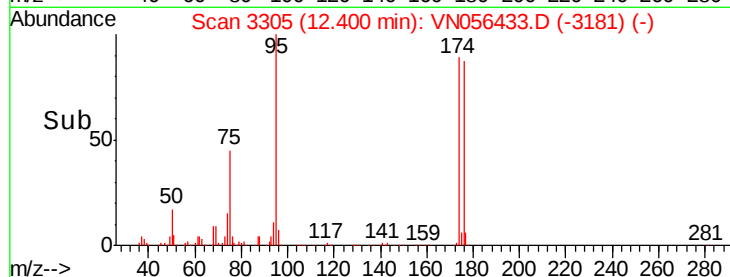
89 0.0 35.0 52.6#



Abundance Ion 74.90 (74.60 to 75.60): VN056433.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN056433.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN056433.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3407

Delta R.T. -0.26 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

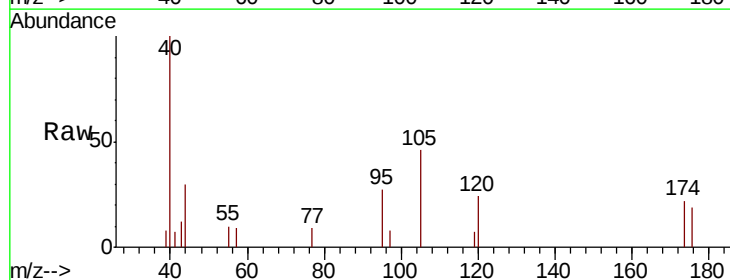
Tgt Ion: 119 Resp: 29

Ion Ratio Lower Upper

119 100

91 0.0 31.6 94.7#

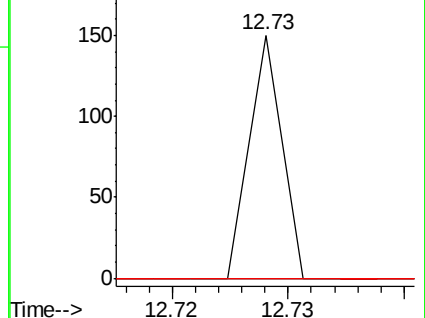
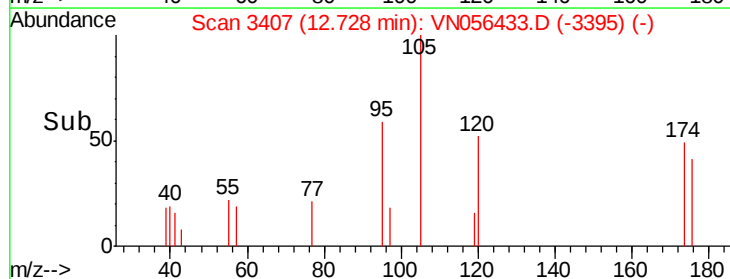
134 0.0 13.2 39.5#

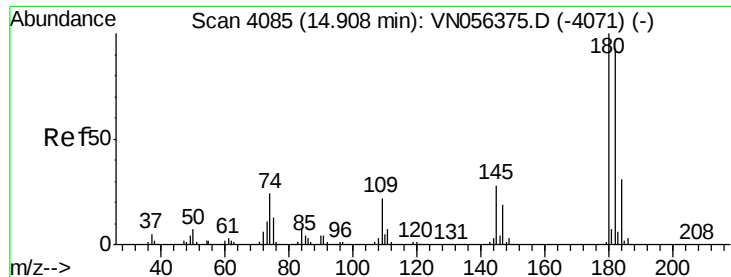


Abundance Ion 119.00 (118.70 to 119.70): VN056433.D (-3395) (-)

Ion 91.00 (90.70 to 91.70): VN056433.D (-3395) (-)

Ion 134.00 (133.70 to 134.70): VN056433.D (-3395) (-)

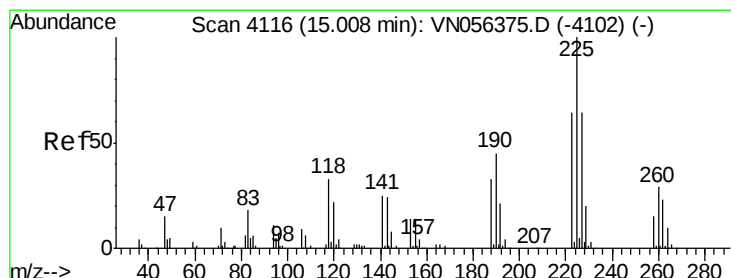
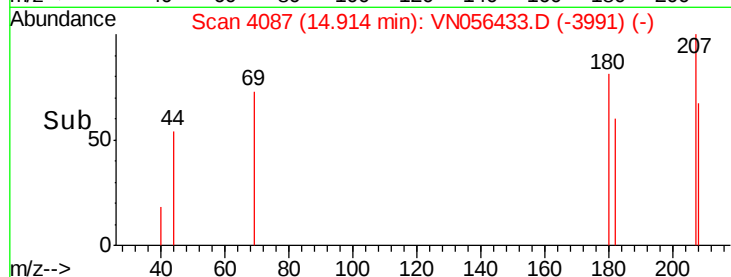
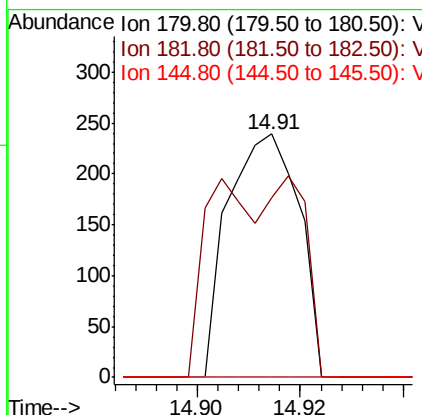
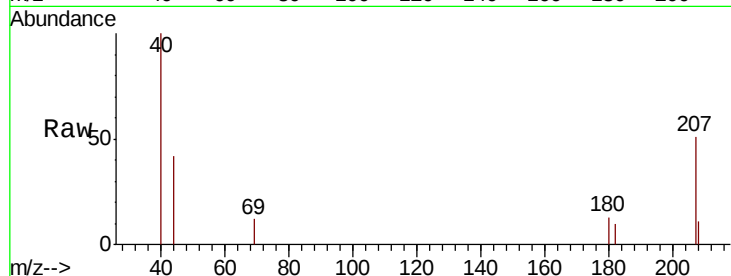




#93
 1,2,4-Trichlorobenzene
 Concen: 5.667 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN056433.D
 Acq: 21 Jun 2019 18:00

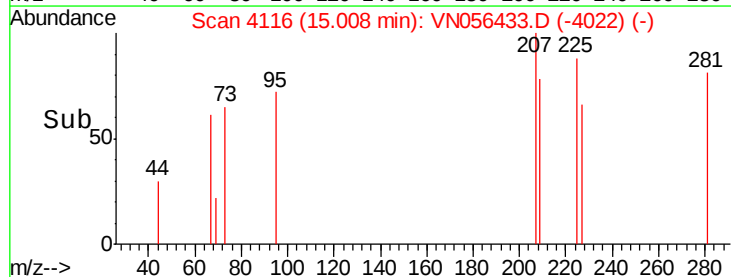
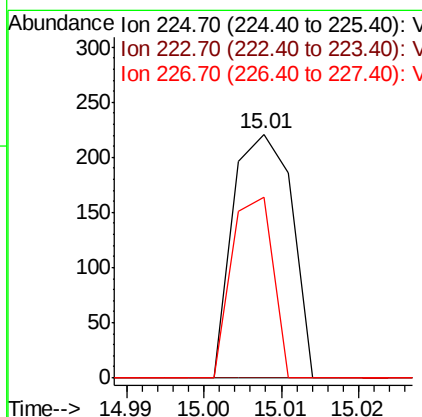
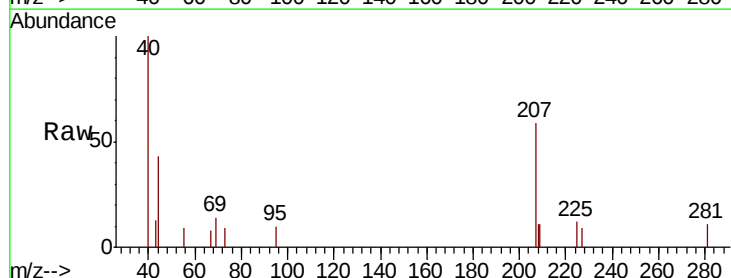
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805ZHE#04

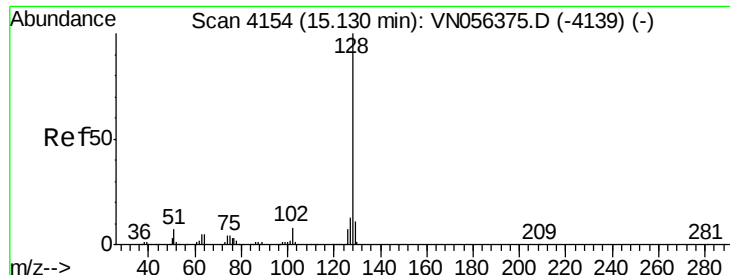
Tot Ion:180 Resp: 227
 Ion Ratio Lower Upper
 180 100
 182 58.6 46.9 140.6
 145 0.0 14.4 43.0#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056433.D
 Acq: 21 Jun 2019 18:00

Tgt Ion:225 Resp: 116
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.4 94.3#
 227 52.6 32.1 96.3

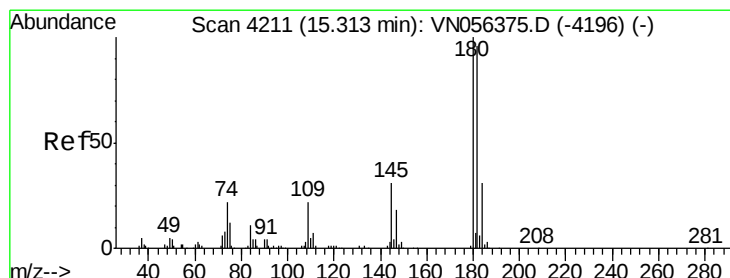
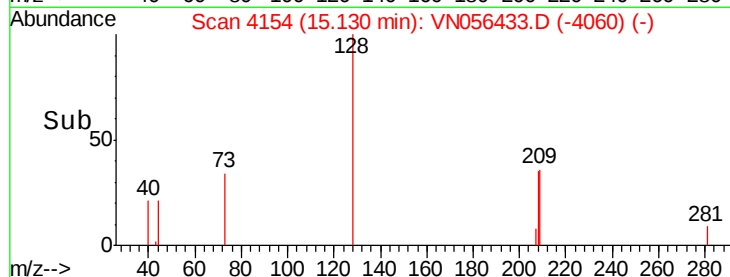
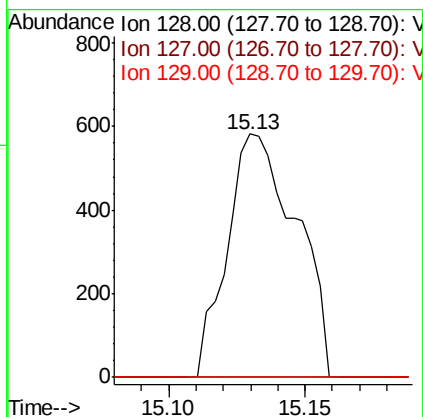
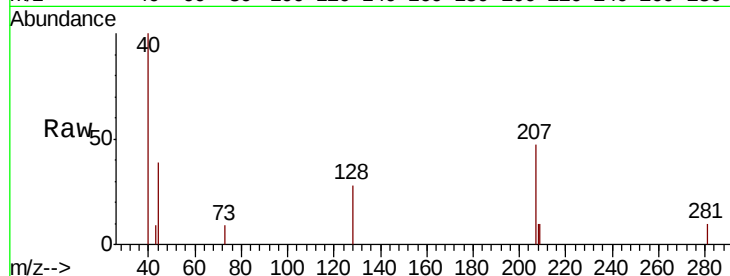




#95
Naphthalene
Concen: 5.338 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056433.D
Acq: 21 Jun 2019 18:00

Instrument :
MSVOA_N
ClientSampleId :
PB120805ZHE#04

Tot Ion:128 Resp: 1026
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 4.570 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN056433.D
Acq: 21 Jun 2019 18:00

Tgt Ion:180 Resp: 382
Ion Ratio Lower Upper
180 100
182 65.4 48.3 144.8
145 0.0 15.4 46.1#

