

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057532.D
 Acq On : 27 Aug 2019 00:36
 Operator : JC/SP
 Sample : K4493-37
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K1-(1.9)

Quant Time: Aug 27 07:20:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	374520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	680906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	135497	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	328031	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	7.57	113	208197	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
50) Toluene-d8	10.08	98	871943	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	234339	39.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.52%	

Target Compounds

					Qvalue	
8) Diethyl Ether	3.45	74	439	Below Cal		78
9) 1,1,2-Trichlorotrifluoroet	3.68	101	60	Below Cal	#	48
11) Tert butyl alcohol	4.77	59	190	0.232	ug/l #	87
13) Acrolein	3.58	56	373	0.518	ug/l	84
16) Acetone	3.80	43	10252	3.388	ug/l	95
18) Methyl Acetate	4.31	43	19661	2.097	ug/l	99
20) Methylene Chloride	4.52	84	4020	0.822	ug/l #	91
29) Tetrahydrofuran	7.21	42	1261	0.582	ug/l #	40
31) Cyclohexane	7.64	56	11846	1.280	ug/l #	18
36) 1,1-Dichloropropene	7.65	75	37790	5.432	ug/l #	50
38) Carbon Tetrachloride	7.65	117	40761	5.897	ug/l #	17
43) Isopropyl Acetate	8.16	43	88887	7.051	ug/l	99
46) Dibromomethane	9.29	93	66	Below Cal	#	10
48) Methyl methacrylate	9.17	41	5988	0.999	ug/l #	39
49) 1,4-Dioxane	9.26	88	66	0.851	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7915	1.127	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	36605	4.045	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	4751	0.561	ug/l #	47
58) 2-Chloroethyl Vinyl ether	9.63	63	30	17.078	ug/l #	52
59) 2-Hexanone	10.76	43	82447	17.110	ug/l #	55
73) Isopropylbenzene	12.22	105	62	Below Cal	#	50
74) N-amyl acetate	12.04	43	3316	Below Cal	#	58
75) 1,1,2,2-Tetrachloroethane	12.54	83	31	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	134611	44.470	ug/l #	100
78) n-propylbenzene	12.59	91	105	Below Cal	#	55
79) 2-Chlorotoluene	12.68	91	71	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.74	105	249	Below Cal		90
81) trans-1,4-Dichloro-2-buten	12.40	75	134611	114.069	ug/l #	8
82) 4-Chlorotoluene	12.77	91	185	Below Cal	#	45
83) tert-Butylbenzene	13.28	119	86	Below Cal	#	22
85) sec-Butylbenzene	13.17	105	112	Below Cal	#	58
90) Hexachloroethane	13.85	117	33	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.28	75	63	Below Cal	#	11
94) Hexachlorobutadiene	15.01	225	33	Below Cal	#	18

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Response via : Initial Calibration

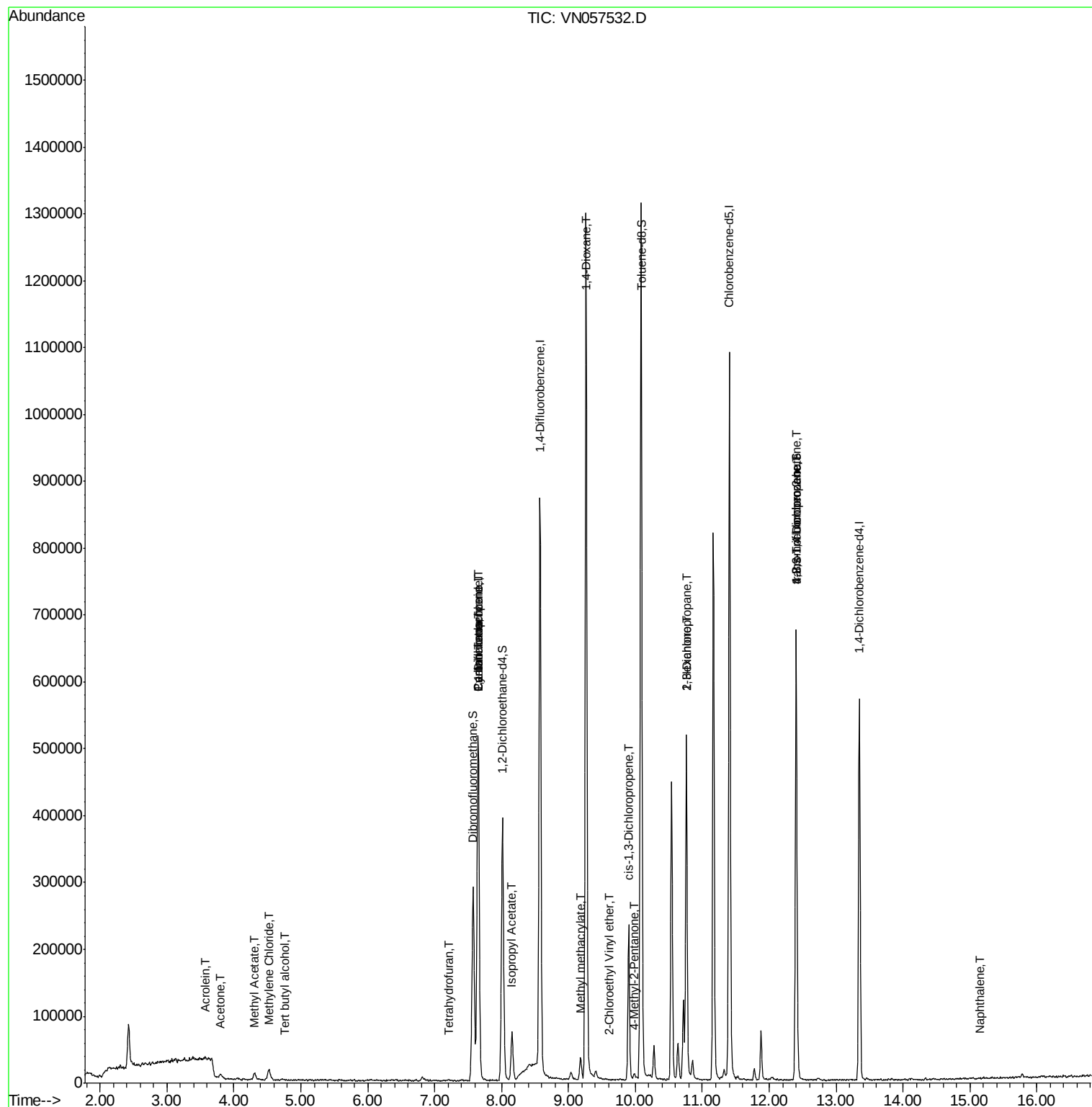
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.15	128	307	4.391	ug/l #	69

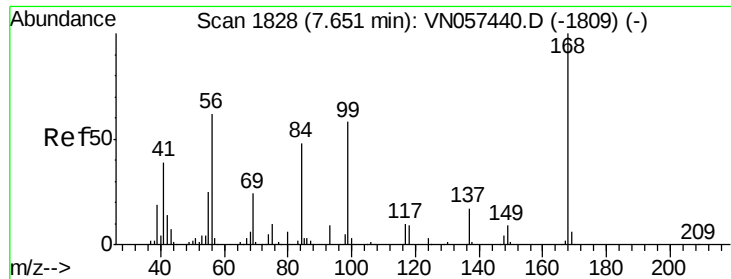
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057532.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_N

ClientSampleId :

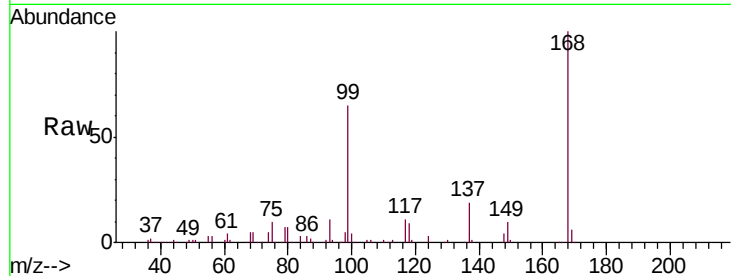
T9-12-13-K1-(1.9)

Tgt Ion:168 Resp: 374520

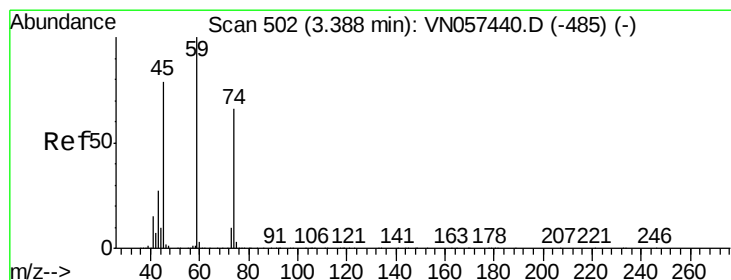
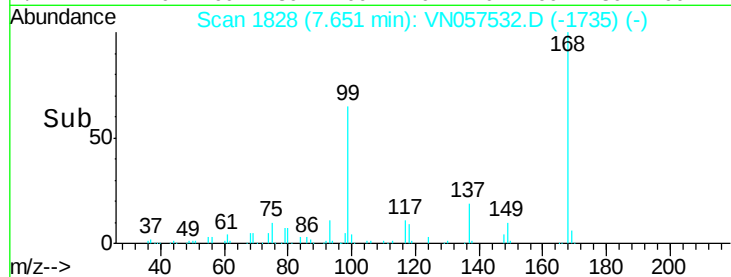
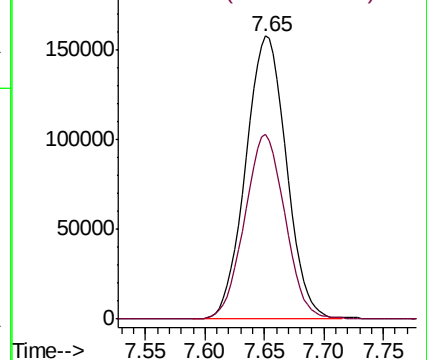
Ion Ratio Lower Upper

168 100

99 65.3 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D (-1809) (-)



#8

Diethyl Ether

Concen: Below Cal

RT: 3.45 min Scan# 521

Delta R.T. 0.06 min

Lab File: VN057532.D

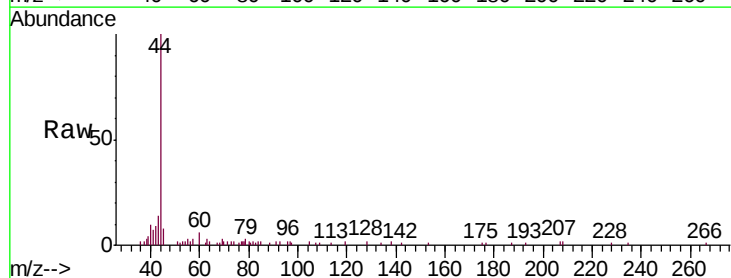
Acq: 27 Aug 2019 00:36

Tgt Ion: 74 Resp: 439

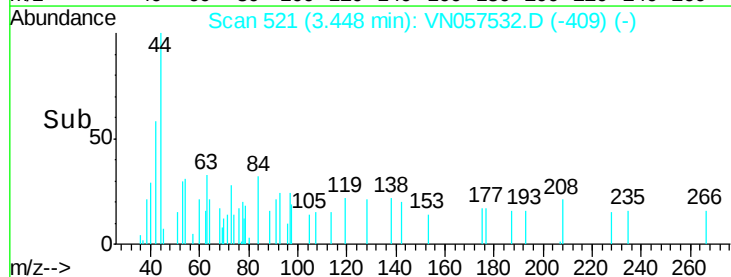
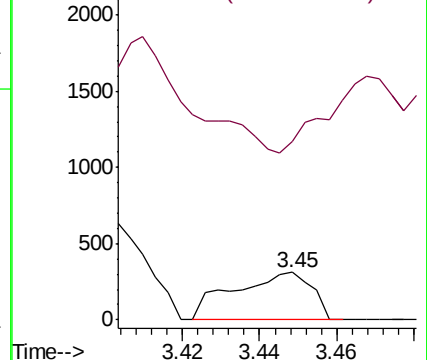
Ion Ratio Lower Upper

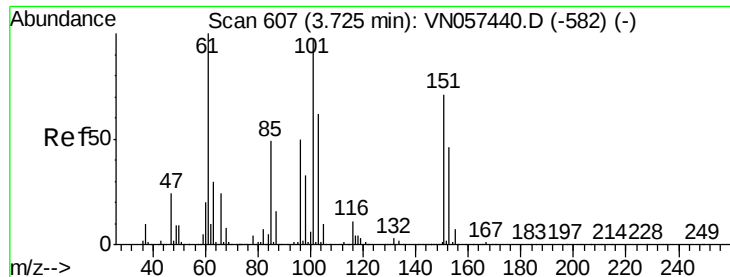
74 100

45 139.4 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057440.D (-485) (-)





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.68 min Scan# 592

Delta R.T. -0.05 min

Lab File: VN057532.D

Acq: 27 Aug 2019 00:36

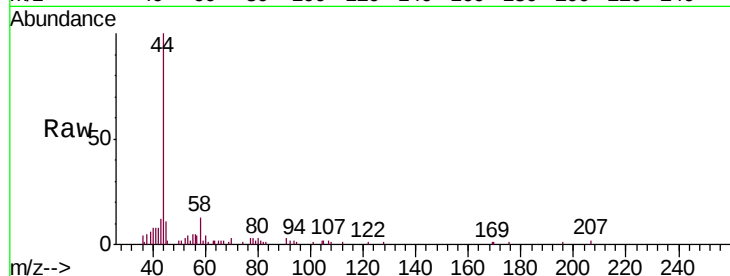
Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K1-(1.9)

Tgt Ion:	101	Resp:	60
Ion	Ratio	Lower	Upper
101	100		
85	48.3	40.0	60.0
151	0.0	57.0	85.6#

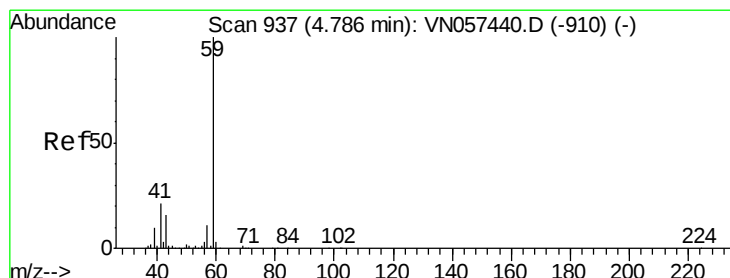
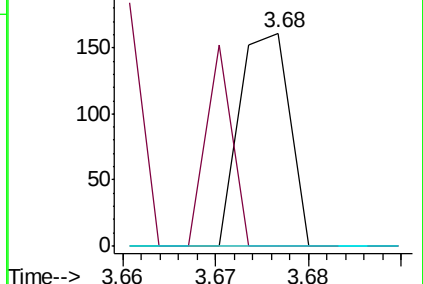
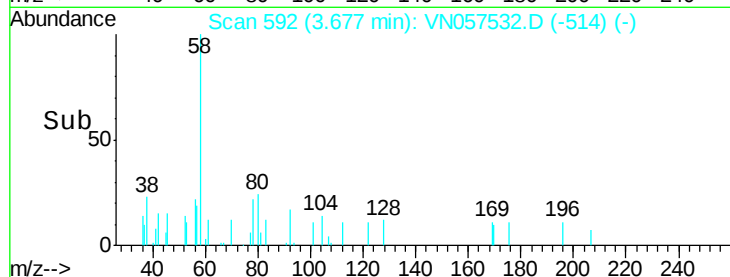


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

Time-->



#11

Tert butyl alcohol

Concen: 0.232 ug/l

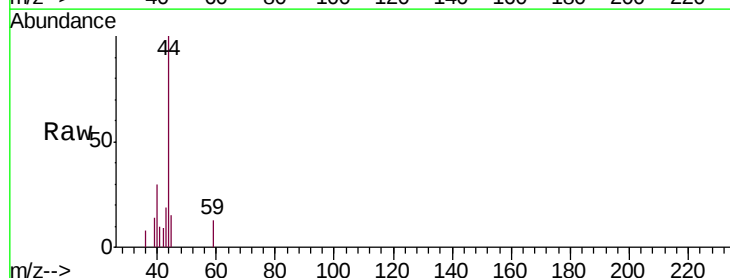
RT: 4.77 min Scan# 931

Delta R.T. -0.02 min

Lab File: VN057532.D

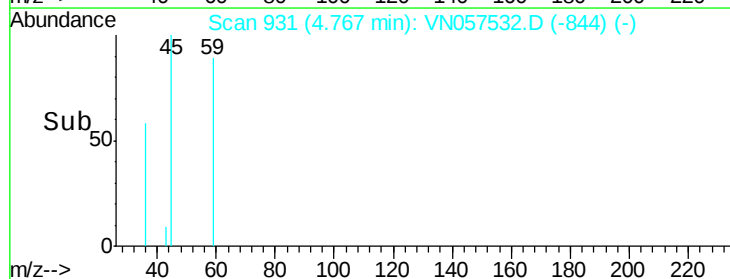
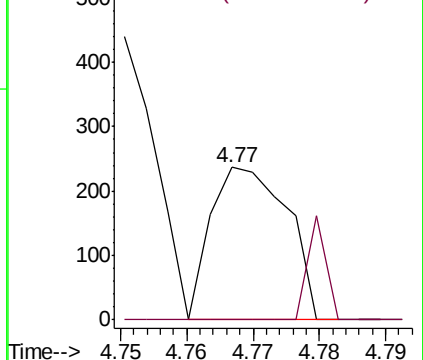
Acq: 27 Aug 2019 00:36

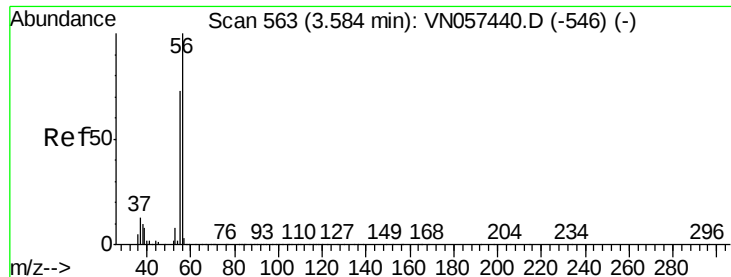
Tgt Ion:	59	Resp:	190
Ion	Ratio	Lower	Upper
59	100		
57	16.3	9.1	13.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.518 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.01 min

Lab File: VN057532.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_N

ClientSampleId :

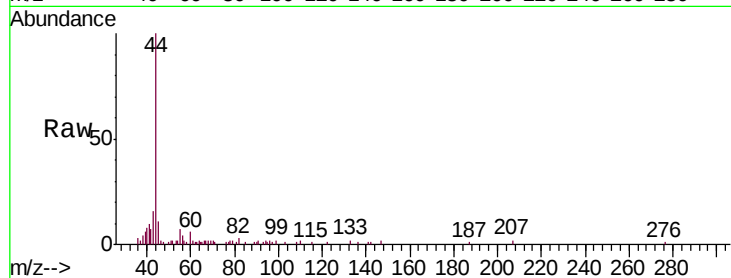
T9-12-13-K1-(1.9)

Tgt Ion: 56 Resp: 373

Ion Ratio Lower Upper

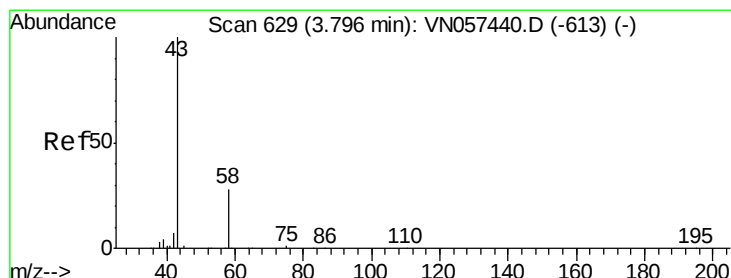
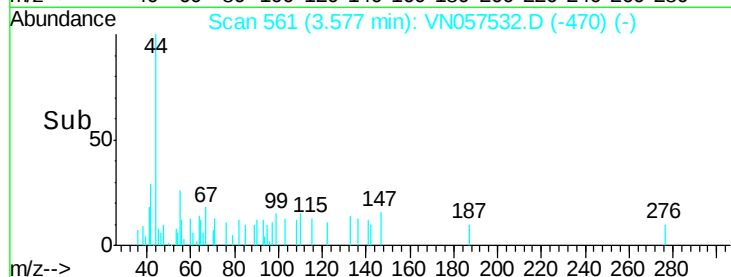
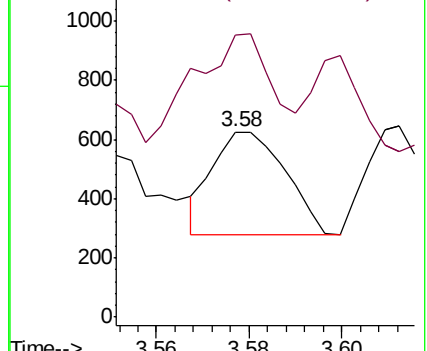
56 100

55 87.4 59.0 88.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 3.388 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057532.D

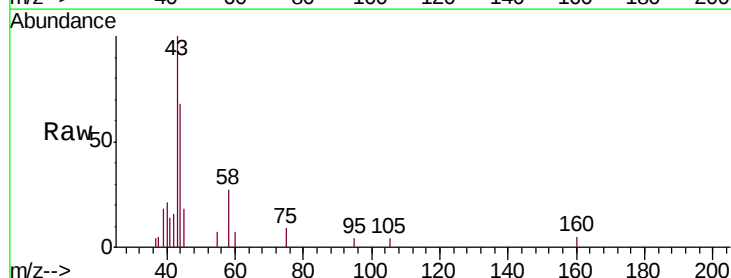
Acq: 27 Aug 2019 00:36

Tgt Ion: 43 Resp: 10252

Ion Ratio Lower Upper

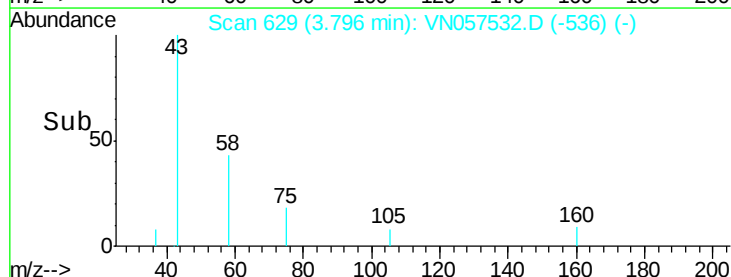
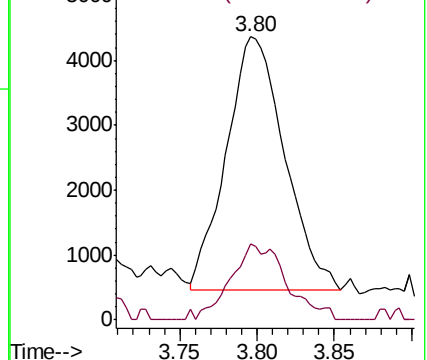
43 100

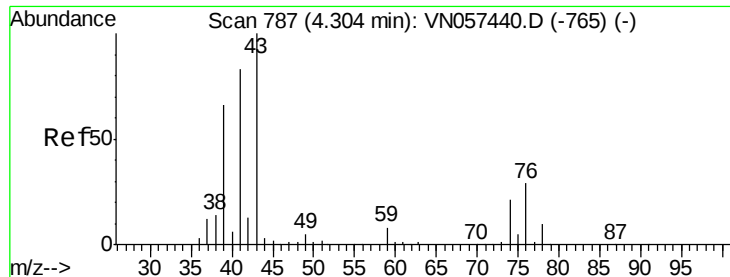
58 30.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

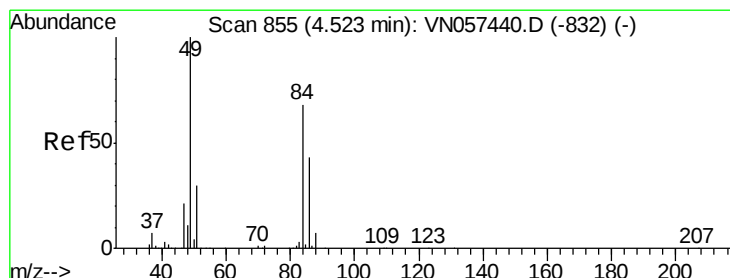
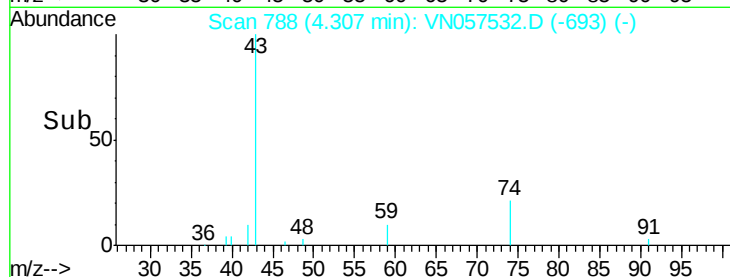
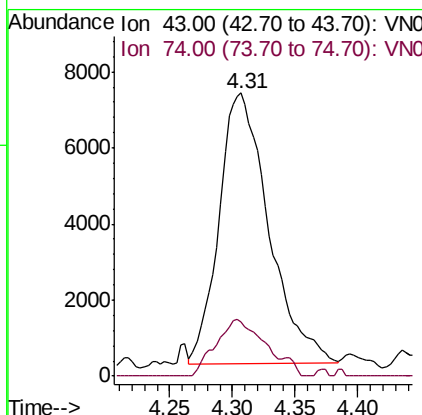
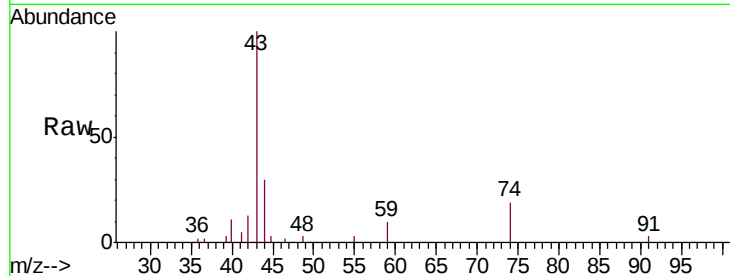




#18
Methyl Acetate
Concen: 2.097 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057532.D
Acq: 27 Aug 2019 00:36

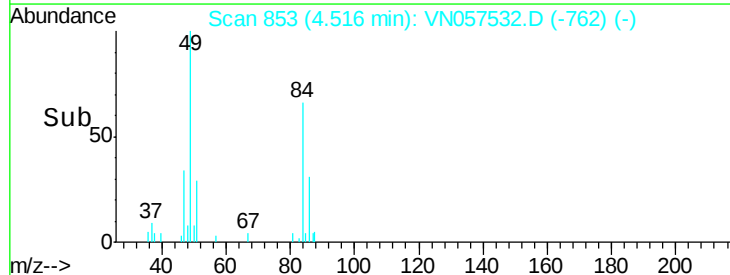
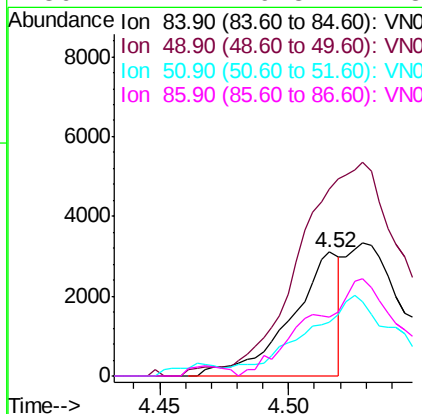
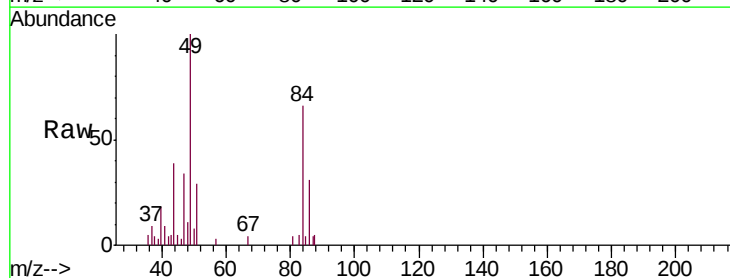
Instrument :
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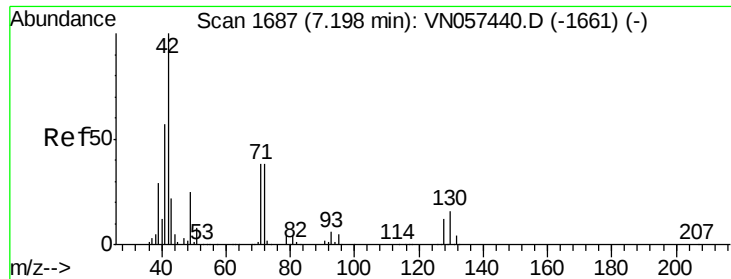
Tgt Ion: 43 Resp: 19661
Ion Ratio Lower Upper
43 100
74 19.7 15.9 23.9



#20
Methylene Chloride
Concen: 0.822 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN057532.D
Acq: 27 Aug 2019 00:36

Tgt Ion: 84 Resp: 4020
Ion Ratio Lower Upper
84 100
49 145.9 117.0 175.4
51 37.1 35.5 53.3
86 41.4 49.8 74.8#





#29

Tetrahydrofuran

Concen: 0.582 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.02 min

Lab File: VN057532.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K1-(1.9)

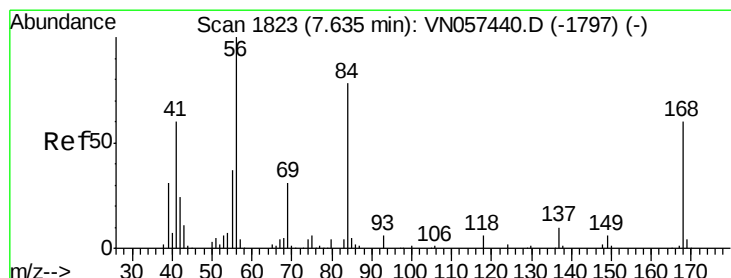
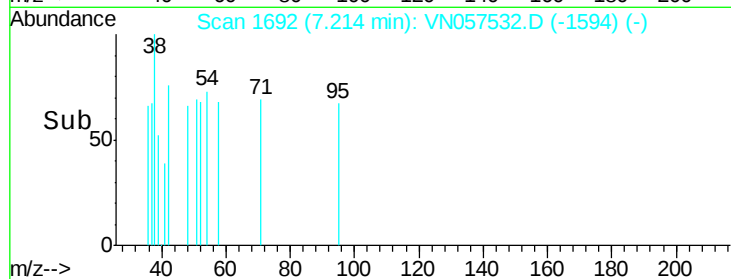
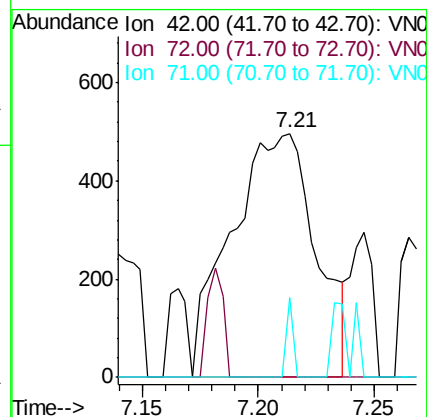
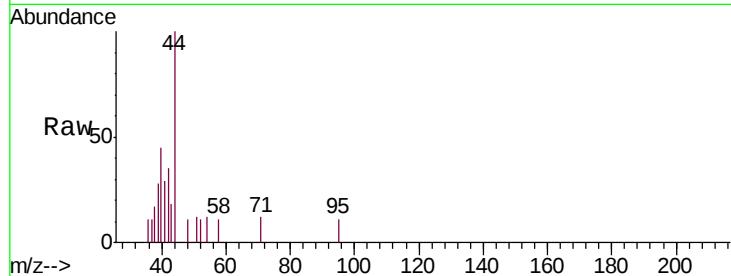
Tgt Ion: 42 Resp: 1261

Ion Ratio Lower Upper

42 100

72 0.0 30.1 45.1#

71 2.5 28.8 43.2#



#31

Cyclohexane

Concen: 1.280 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN057532.D

Acq: 27 Aug 2019 00:36

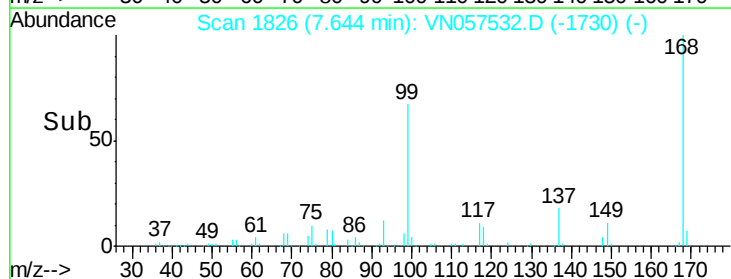
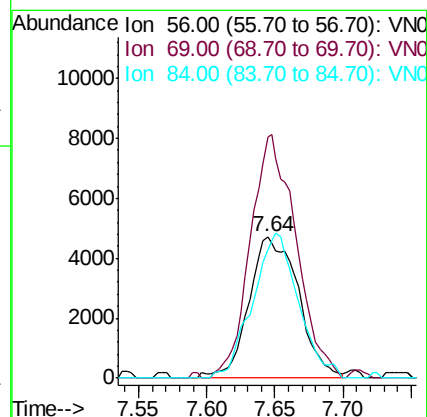
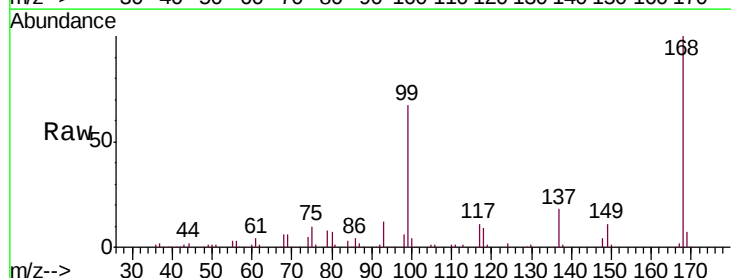
Tgt Ion: 56 Resp: 11846

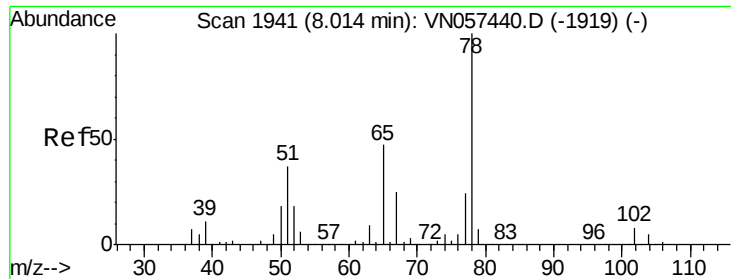
Ion Ratio Lower Upper

56 100

69 170.0 25.0 37.6#

84 90.2 62.5 93.7





#33

1,2-Dichloroethane-d4

Concen: 49.790 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057532.D

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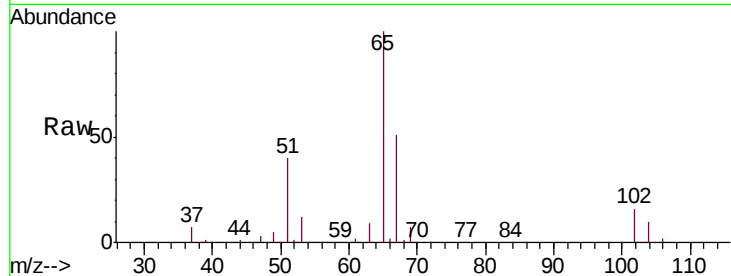
T9-12-13-K1-(1.9)

Tgt Ion: 65 Resp: 328031

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057440.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN057440.D (-1919) (-)

8.01

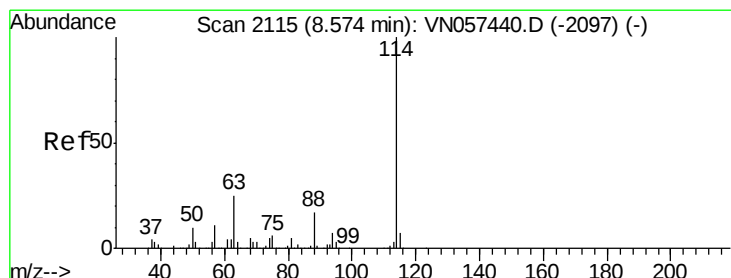
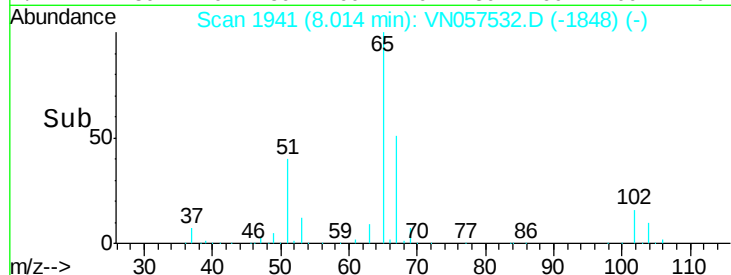
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057532.D

Acq: 27 Aug 2019 00:36

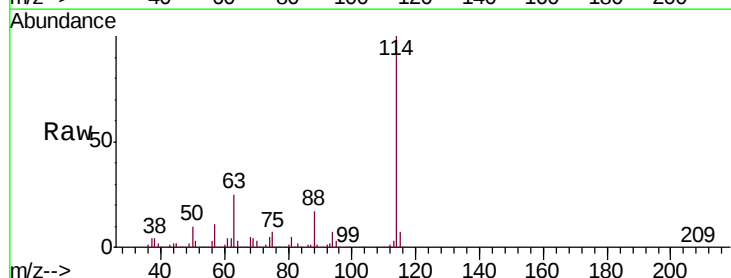
Tgt Ion: 114 Resp: 680906

Ion Ratio Lower Upper

114 100

63 25.2 0.0 50.2

88 16.9 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): VN057440.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057440.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057440.D (-2097) (-)

8.57

400000

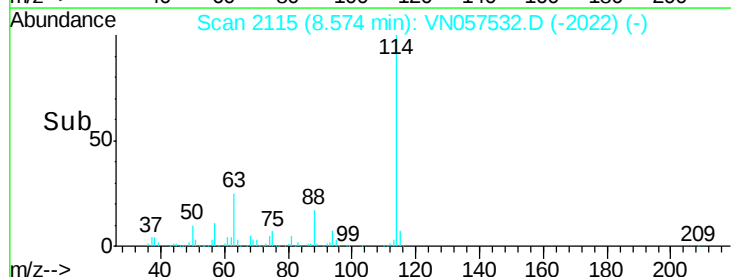
300000

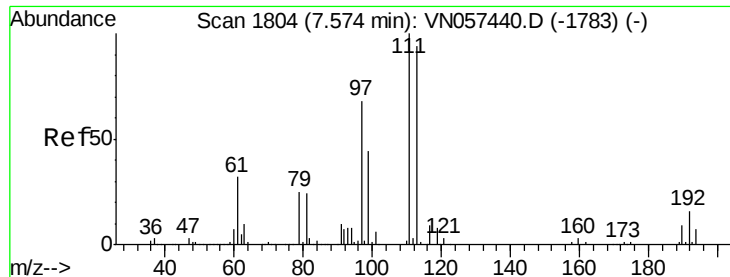
200000

100000

0

Time-->

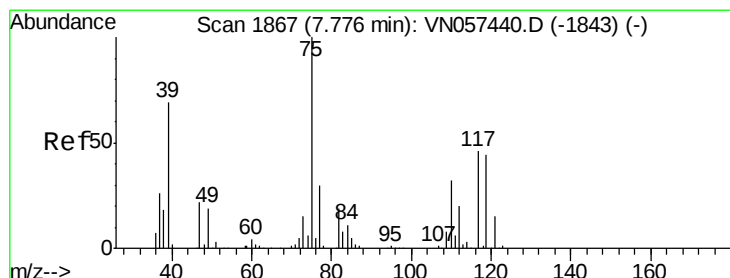
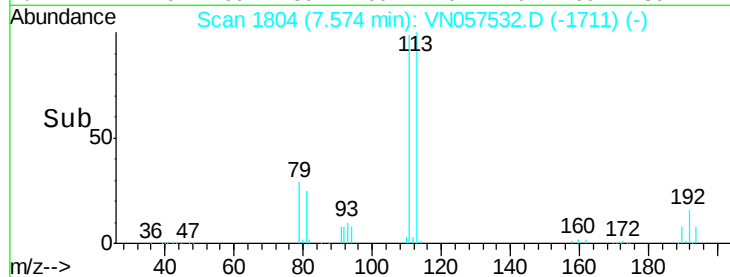
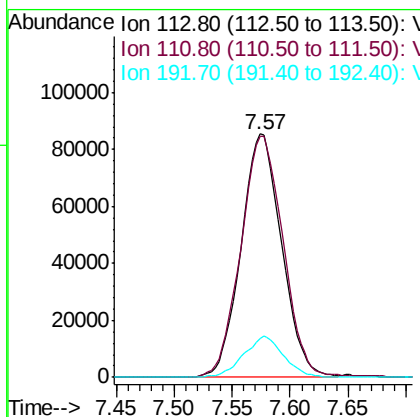
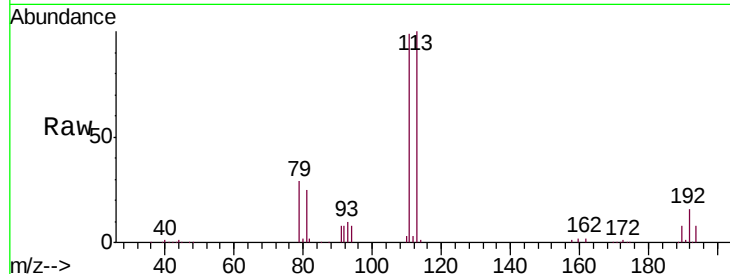




#35
 Dibromofluoromethane
 Concen: 45.268 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

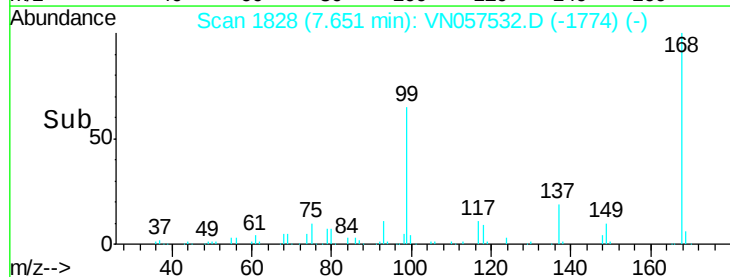
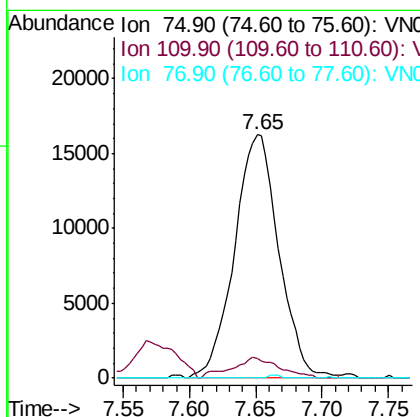
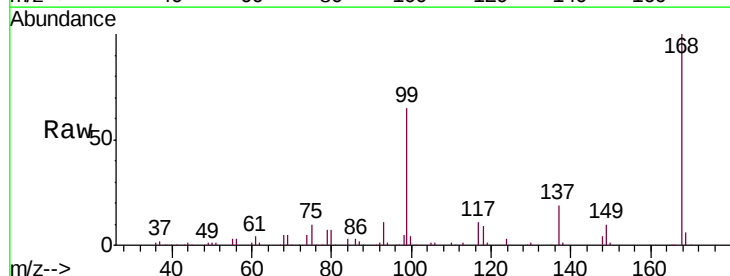
Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-K1-(1.9)

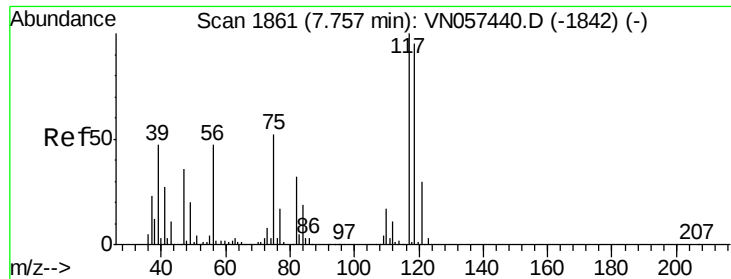
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.8	125.6
192	16.7	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 5.432 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.1	48.3#
77	0.3	24.8	37.2#

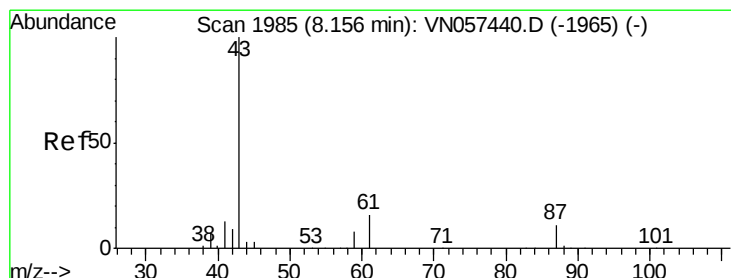
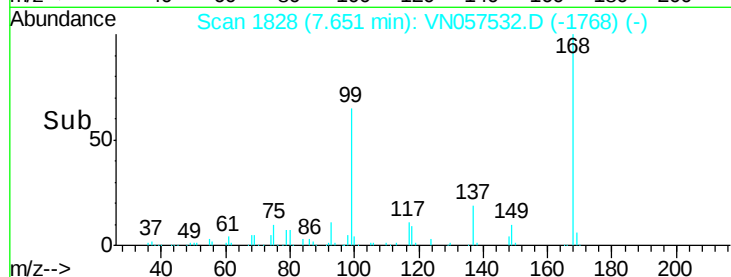
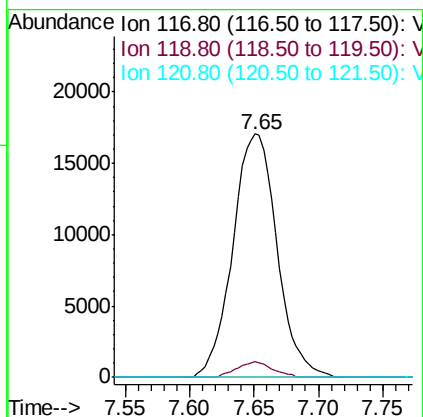
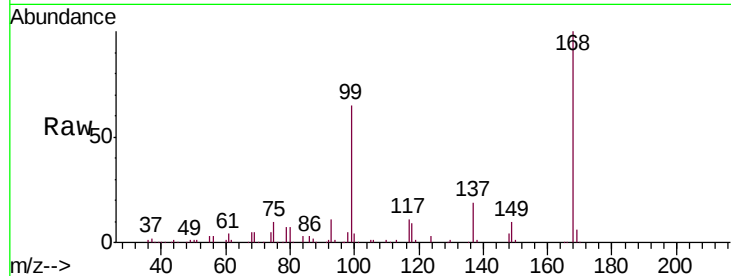




#38
Carbon Tetrachloride
Concen: 5.897 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN057532.D
Acq: 27 Aug 2019 00:36

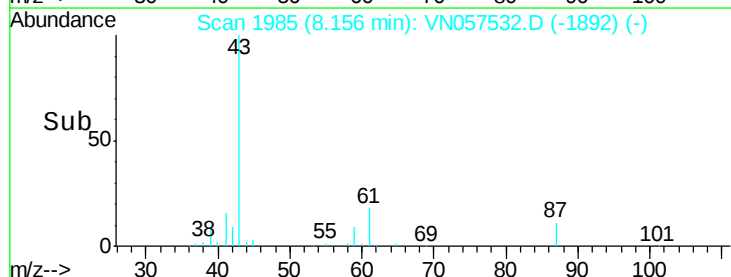
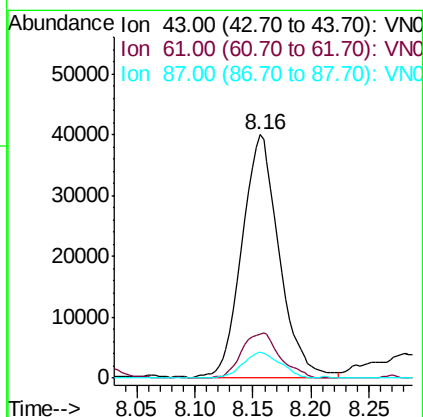
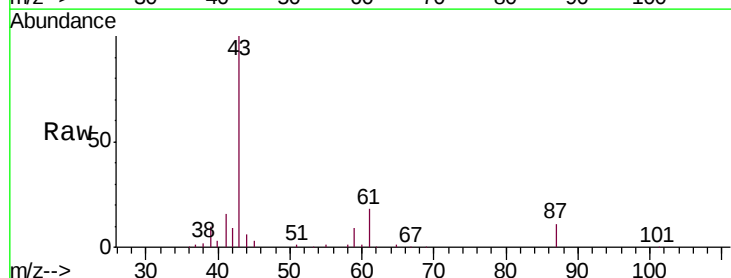
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K1-(1.9)

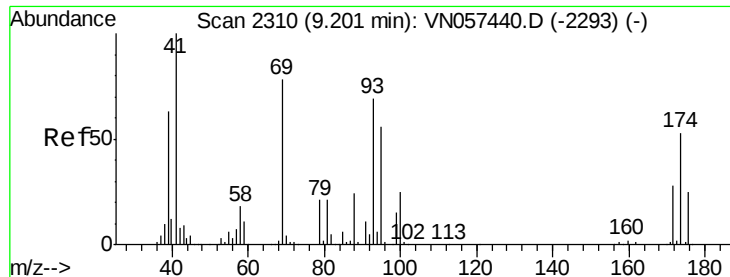
Tgt Ion:117 Resp: 40761
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.4#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 7.051 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN057532.D
Acq: 27 Aug 2019 00:36

Tgt Ion: 43 Resp: 88887
Ion Ratio Lower Upper
43 100
61 19.1 14.5 21.7
87 10.6 8.6 12.8

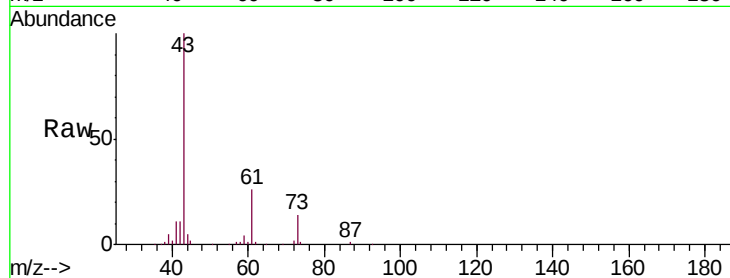




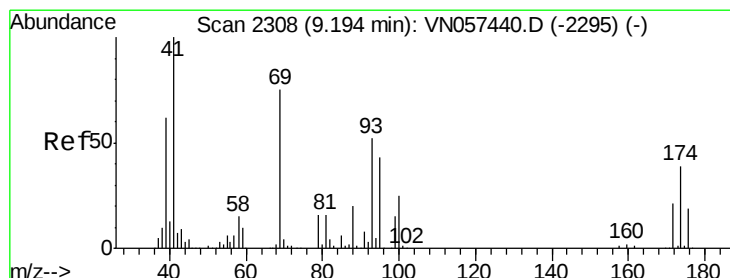
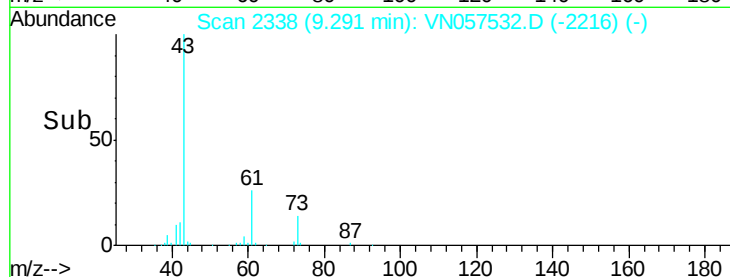
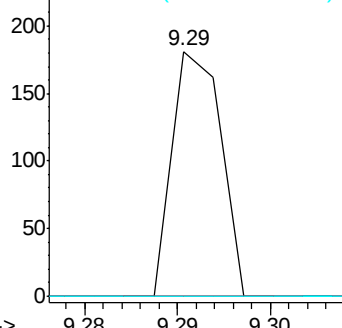
#46
 Dibromomethane
 Concen: Below Cal
 RT: 9.29 min Scan# 2338
 Delta R.T. 0.09 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K1-(1.9)

Tgt Ion: 93 Resp: 66
 Ion Ratio Lower Upper
 93 100
 95 0.0 64.7 97.1#
 174 0.0 62.3 93.5#

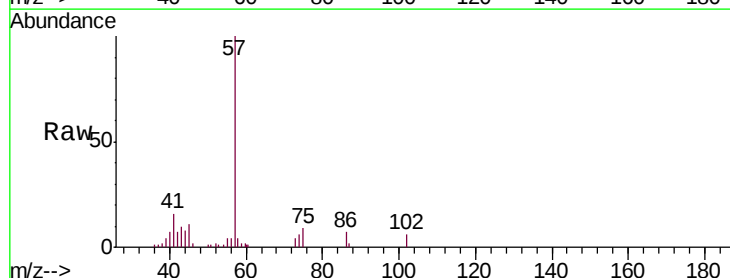


Abundance Ion 92.80 (92.50 to 93.50): VNC
 Ion 94.80 (94.50 to 95.50): VNC
 Ion 173.70 (173.40 to 174.40): V

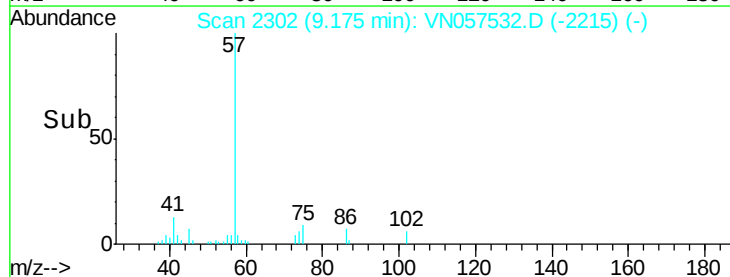
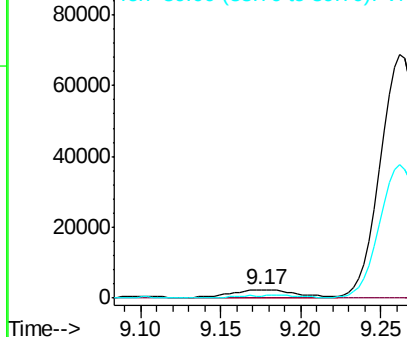


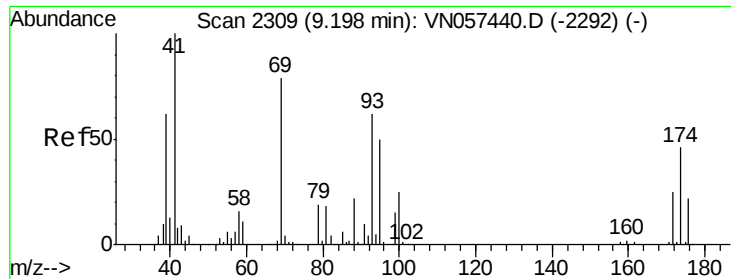
#48
 Methyl methacrylate
 Concen: 0.999 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

Tgt Ion: 41 Resp: 5988
 Ion Ratio Lower Upper
 41 100
 69 1.1 59.3 88.9#
 39 38.1 50.6 75.8#



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





#49

1,4-Dioxane

Concen: 0.851 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.06 min

Lab File: VN057532.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K1-(1.9)

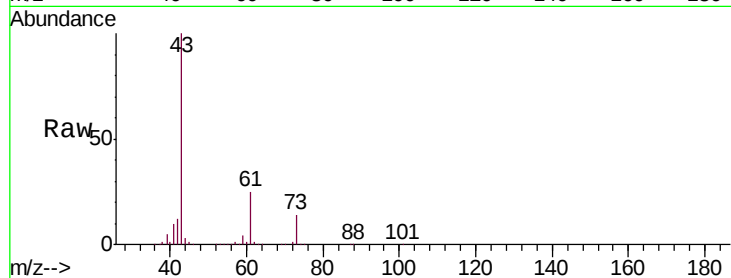
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

43 1994062.1 31.0 46.6#

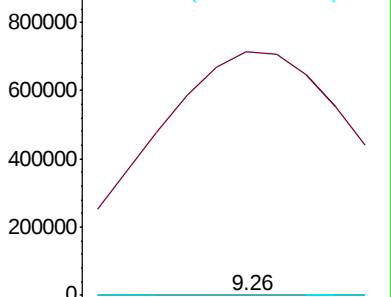
58 8221.2 64.5 96.7#



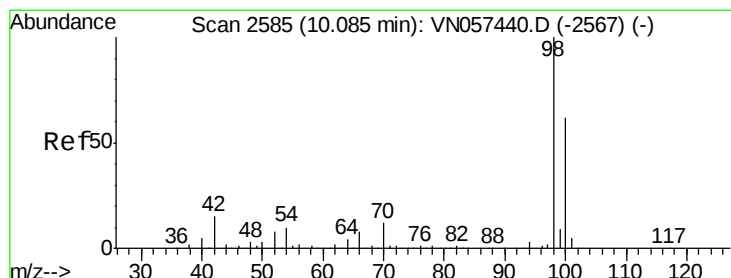
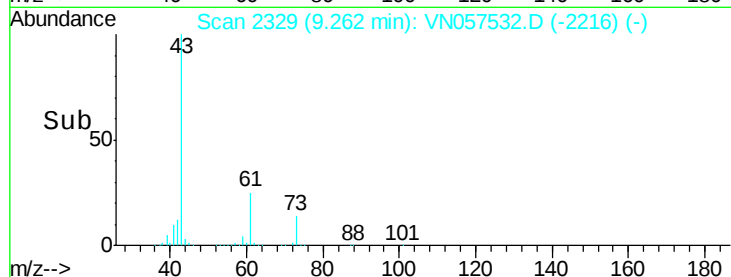
Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 50.139 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057532.D

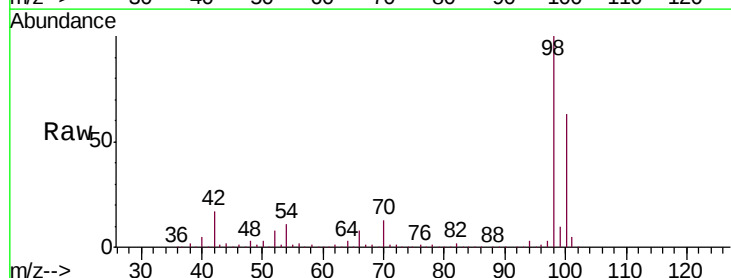
Acq: 27 Aug 2019 00:36

Tgt Ion: 98 Resp: 871943

Ion Ratio Lower Upper

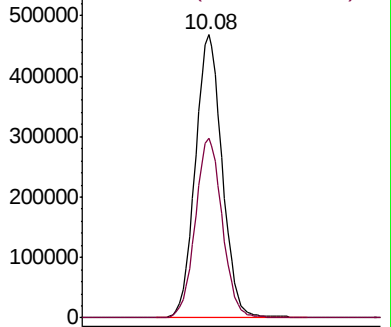
98 100

100 63.4 50.4 75.6

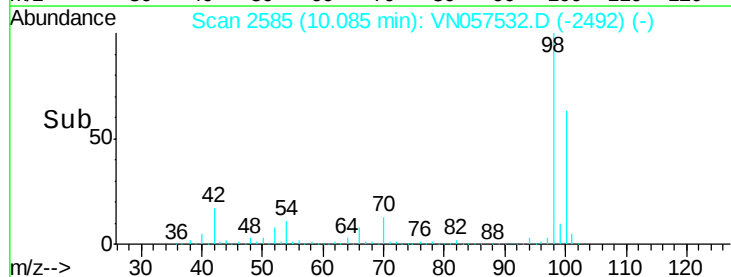


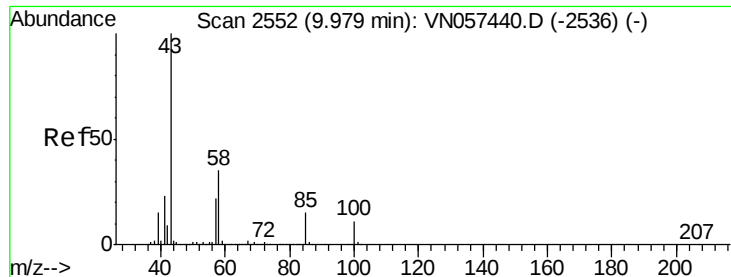
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->

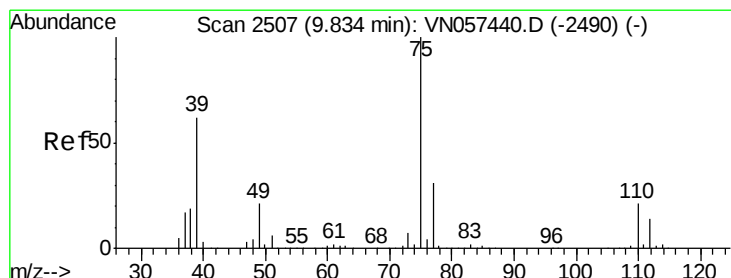
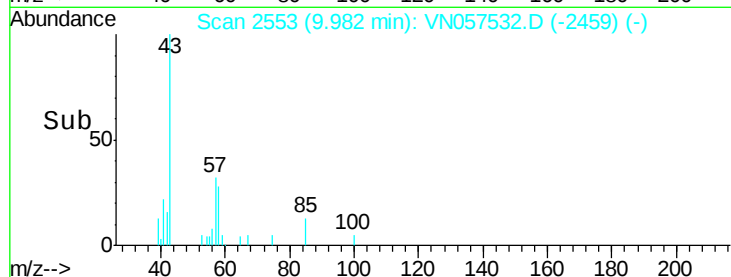
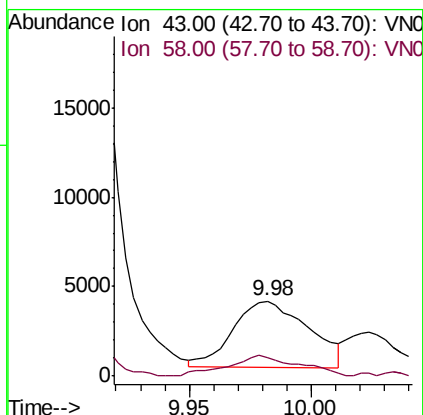
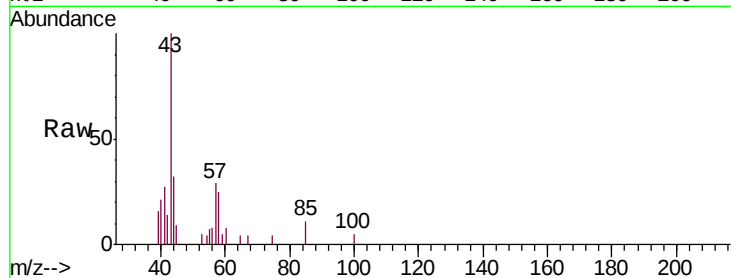




#51
 4-Methyl-2-Pentanone
 Concen: 1.127 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

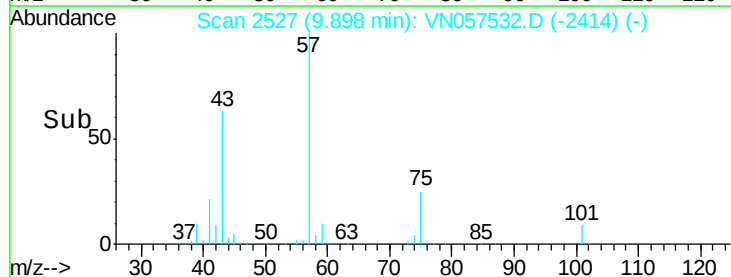
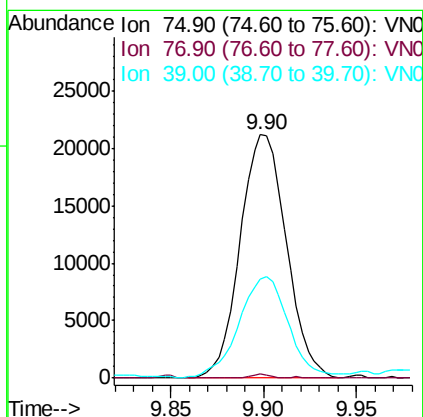
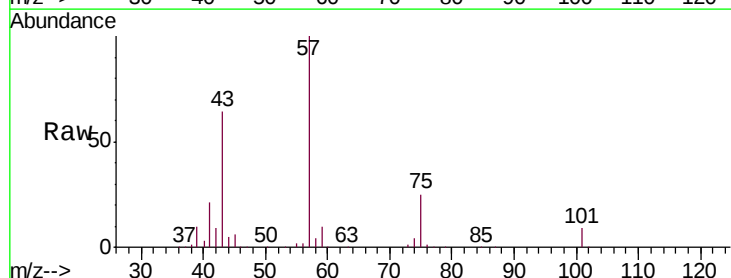
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K1-(1.9)

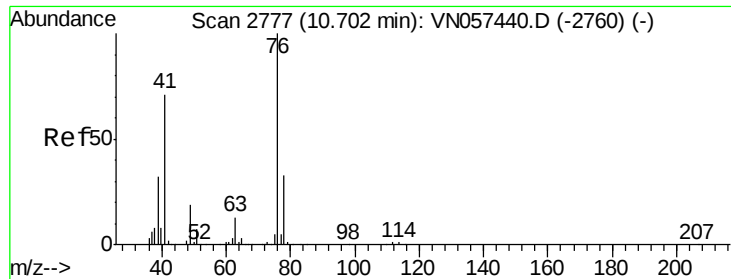
Tgt Ion: 43 Resp: 7915
 Ion Ratio Lower Upper
 43 100
 58 29.5 27.9 41.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.045 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

Tgt Ion: 75 Resp: 36605
 Ion Ratio Lower Upper
 75 100
 77 1.5 25.0 37.6#
 39 39.6 49.2 73.8#

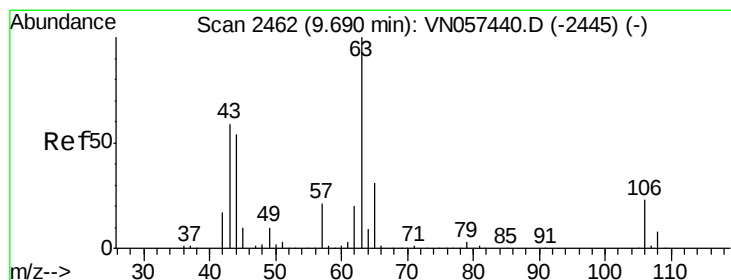
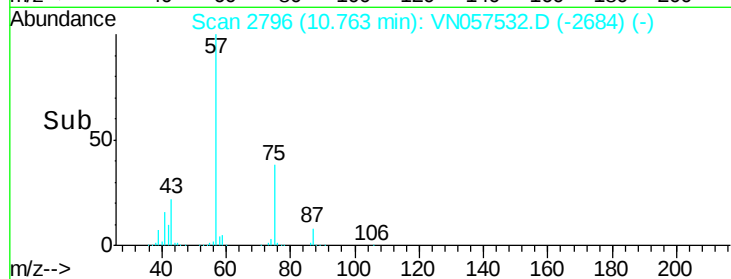
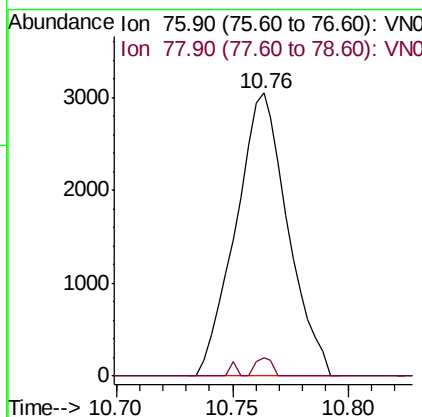
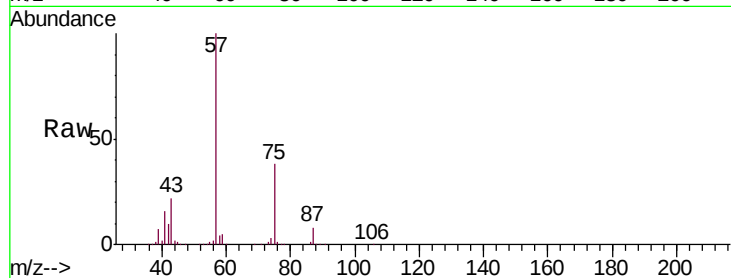




#57
 1,3-Dichloropropane
 Concen: 0.561 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

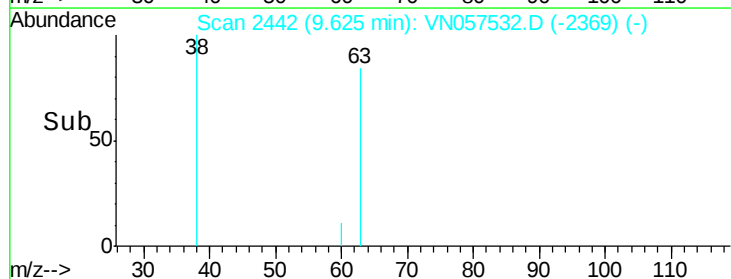
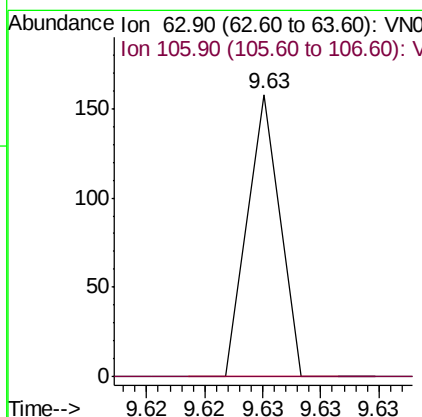
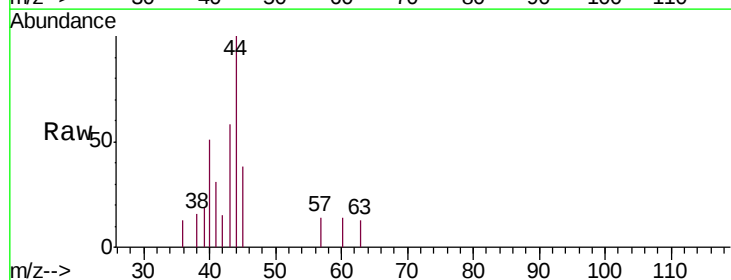
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K1-(1.9)

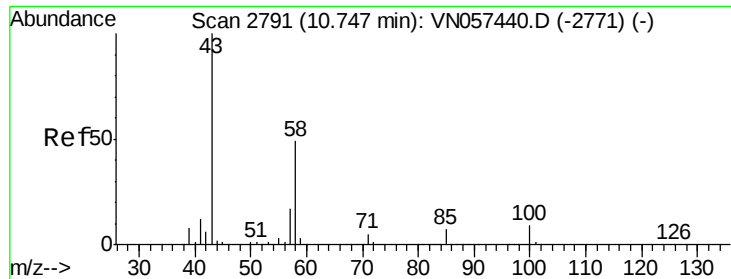
Tgt Ion: 76 Resp: 4751
 Ion Ratio Lower Upper
 76 100
 78 2.1 25.5 38.3#



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.078 ug/l
 RT: 9.63 min Scan# 2442
 Delta R.T. -0.06 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

Tgt Ion: 63 Resp: 30
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#

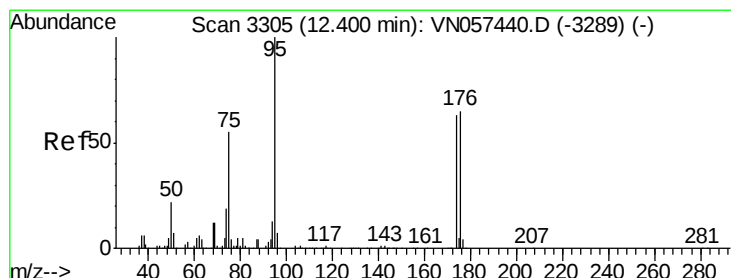
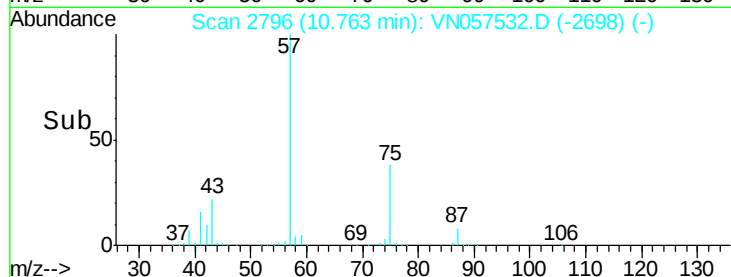
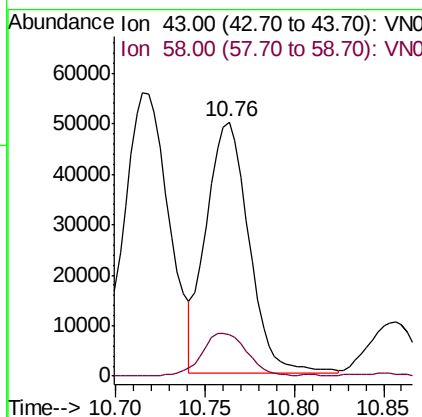
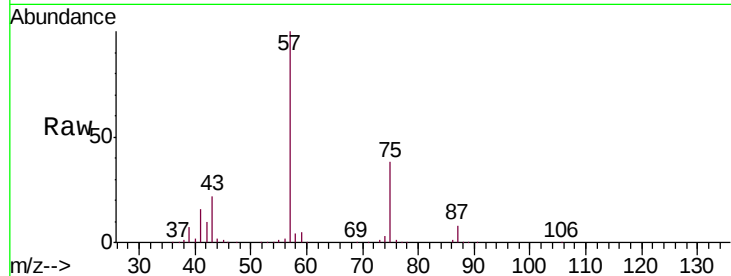




#59
2-Hexanone
Concen: 17.110 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.02 min
Lab File: VN057532.D
Acq: 27 Aug 2019 00:36

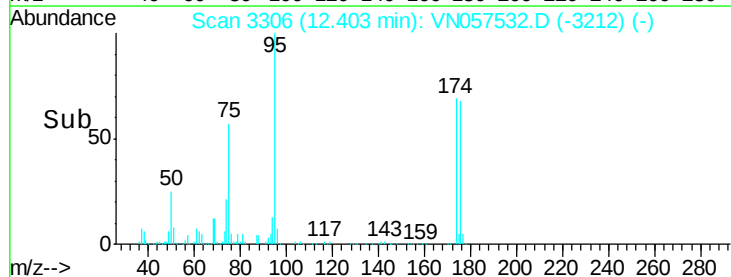
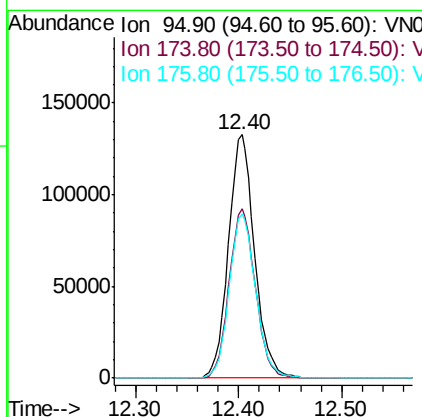
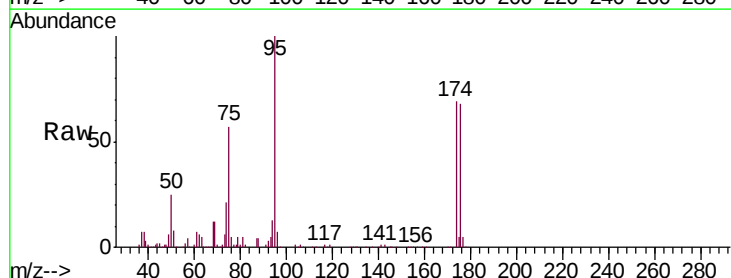
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K1-(1.9)

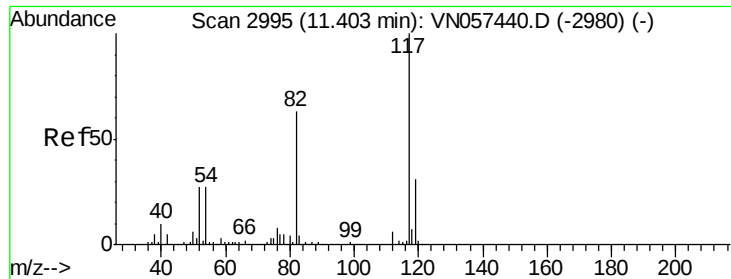
Tgt Ion: 43 Resp: 82447
Ion Ratio Lower Upper
43 100
58 18.5 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 39.763 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057532.D
Acq: 27 Aug 2019 00:36

Tgt Ion: 95 Resp: 234339
Ion Ratio Lower Upper
95 100
174 69.8 0.0 133.0
176 68.3 0.0 130.8

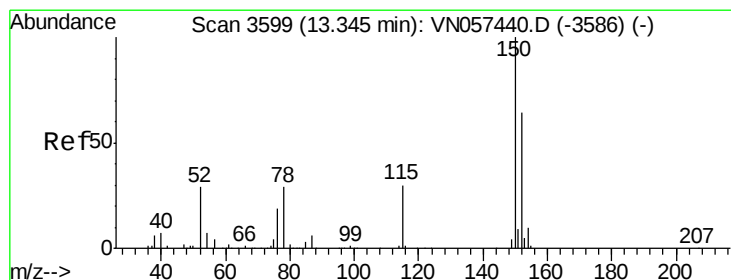
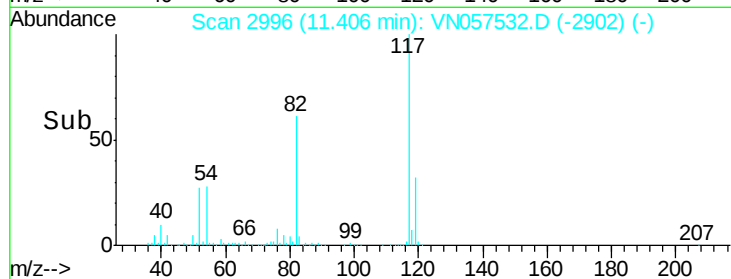
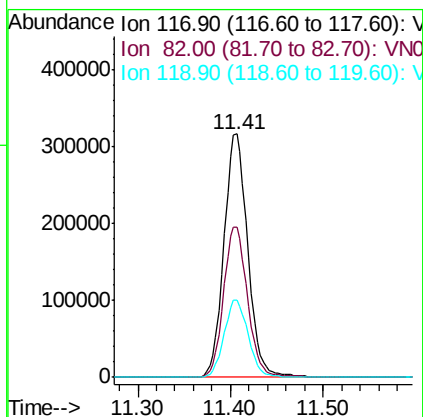
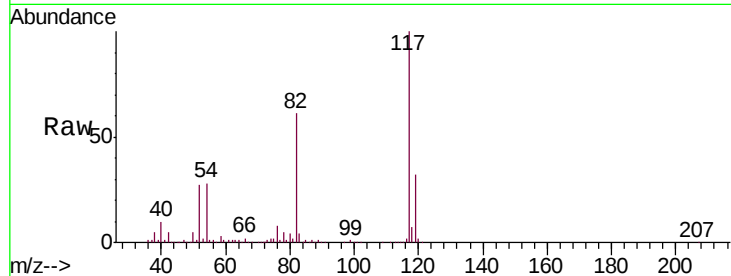




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057532.D
Acq: 27 Aug 2019 00:36

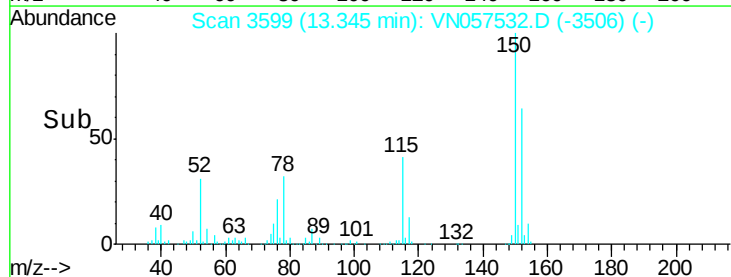
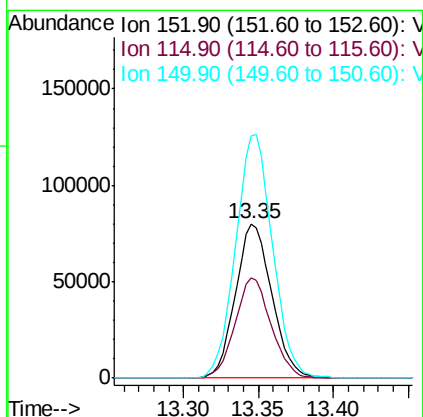
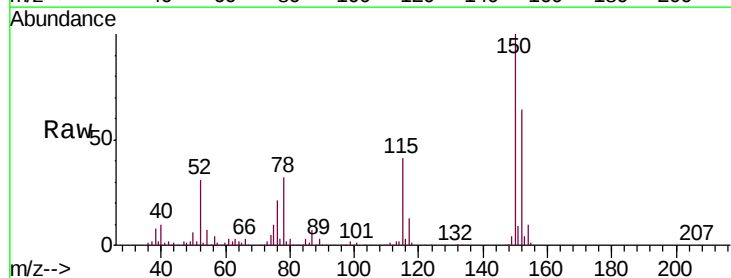
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K1-(1.9)

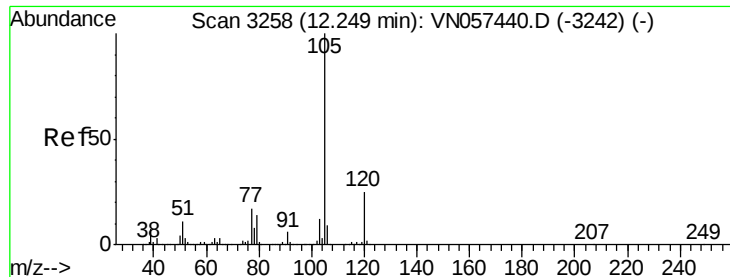
Tgt Ion:117 Resp: 563756
Ion Ratio Lower Upper
117 100
82 61.5 50.6 75.8
119 31.5 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057532.D
Acq: 27 Aug 2019 00:36

Tgt Ion:152 Resp: 135497
Ion Ratio Lower Upper
152 100
115 64.4 32.0 96.0
150 160.2 0.0 346.6





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.22 min Scan# 3250

Delta R.T. -0.02 min

Lab File: VN057532.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_N

ClientSampleId :

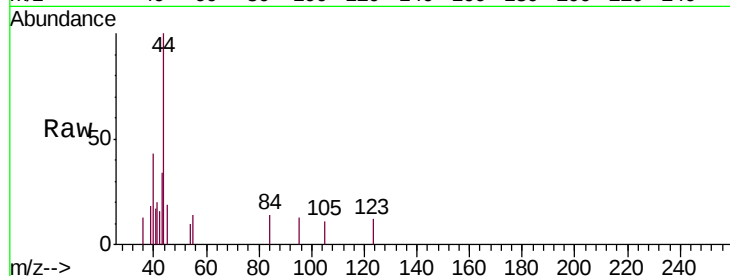
T9-12-13-K1-(1.9)

Tgt Ion: 105 Resp: 62

Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

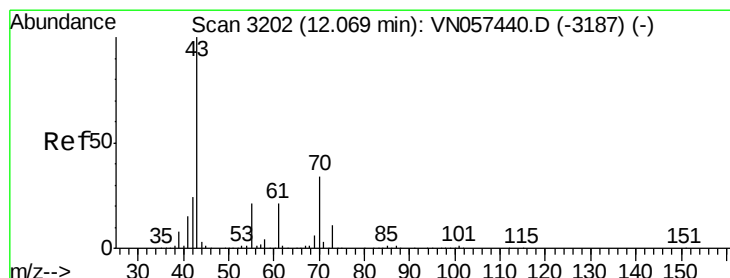
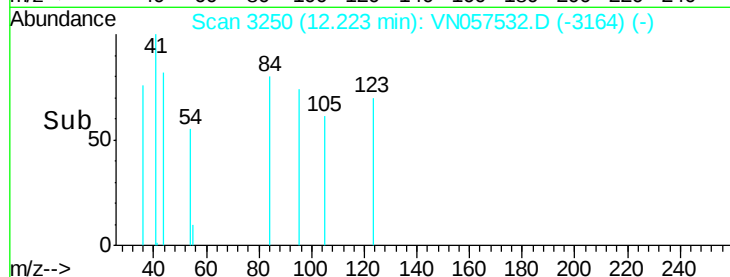
150

100

50

0

Time--> 12.21 12.22 12.23



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN057532.D

Acq: 27 Aug 2019 00:36

Tgt Ion: 43 Resp: 3316

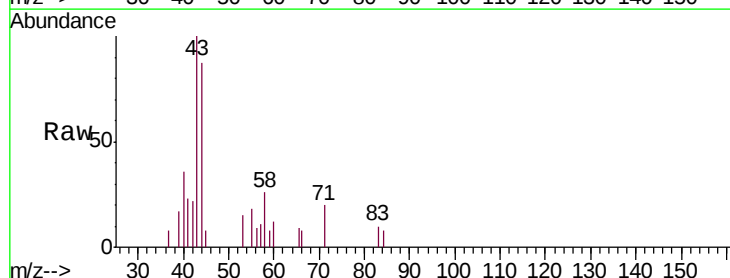
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 13.3 17.0 25.4#

61 3.7 17.0 25.6#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

3000

2500

2000

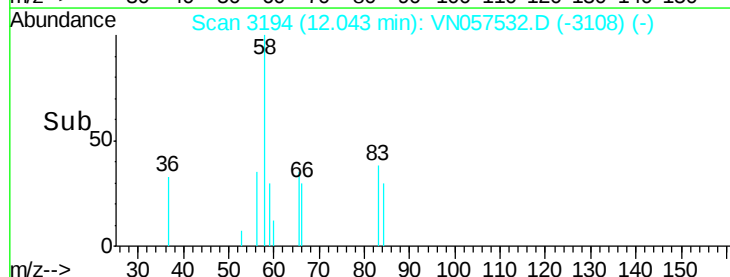
1500

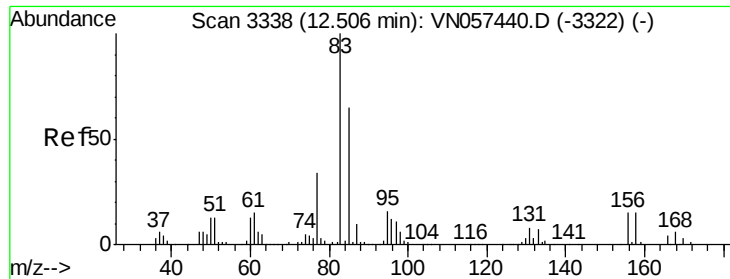
1000

500

0

Time--> 12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.54 min Scan# 3350

Delta R.T. 0.04 min

Lab File: VN057532.D

Acq: 27 Aug 2019 00:36

Instrument :

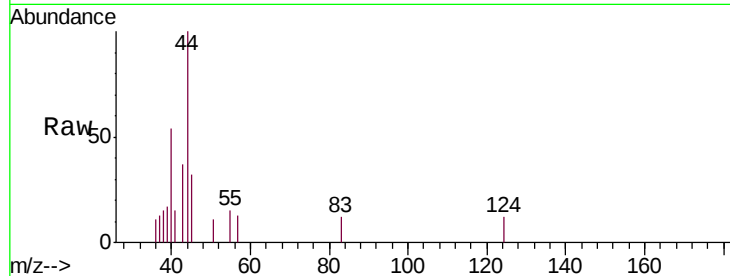
MSVOA_N

ClientSampleId :

T9-12-13-K1-(1.9)

Tgt Ion: 83 Resp: 31

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.3	13.1#
85	0.0	32.3	96.8#

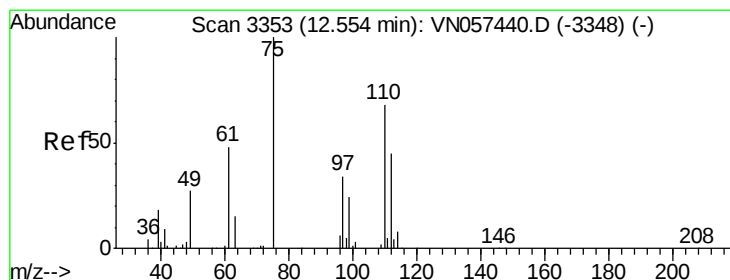
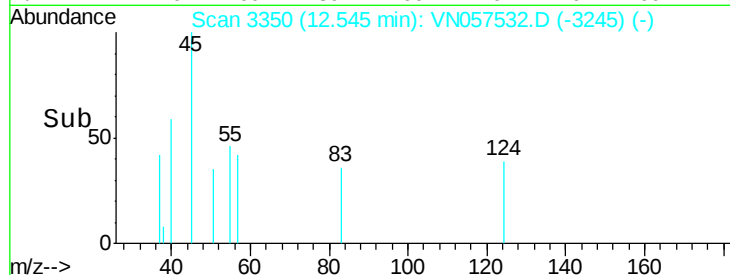
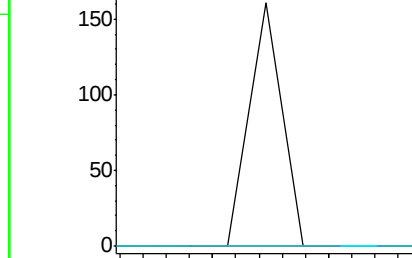


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.54



#76

1,2,3-Trichloropropane

Concen: 44.470 ug/l

RT: 12.40 min Scan# 3306

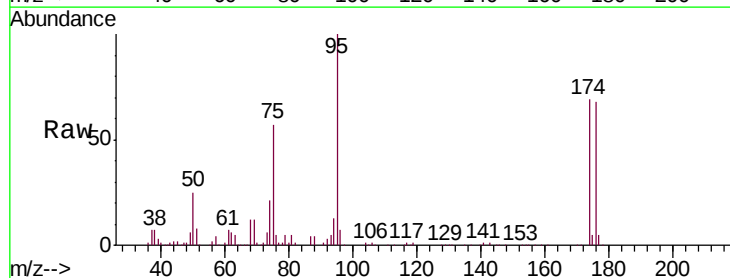
Delta R.T. -0.15 min

Lab File: VN057532.D

Acq: 27 Aug 2019 00:36

Tgt Ion: 75 Resp: 134611

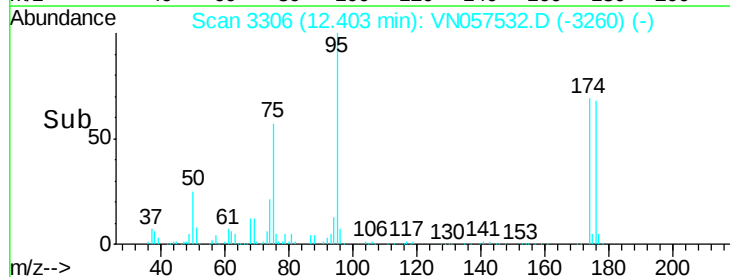
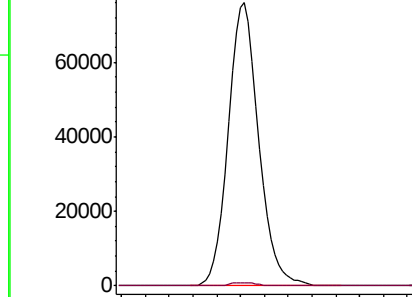
Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

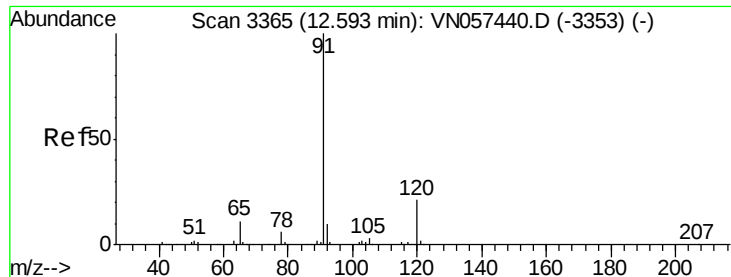


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

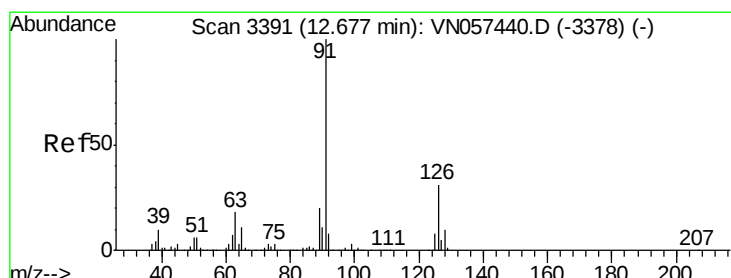
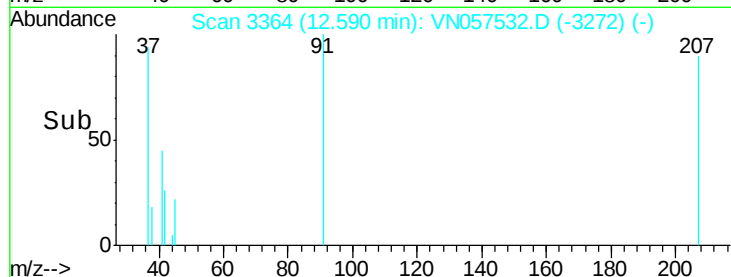
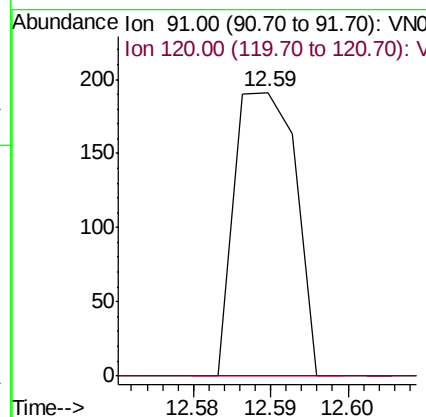
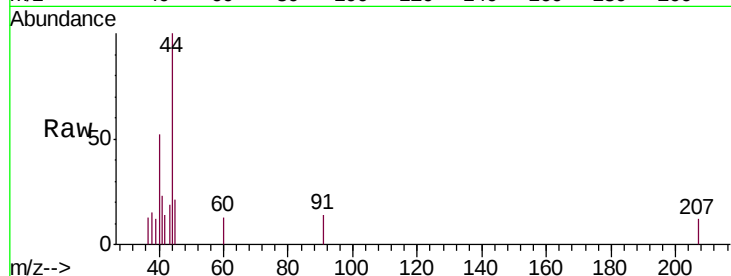




#78
n-propylbenzene
Concen: Below Cal
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN057532.D
Acq: 27 Aug 2019 00:36

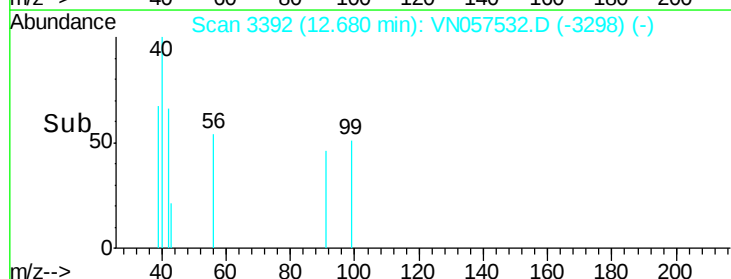
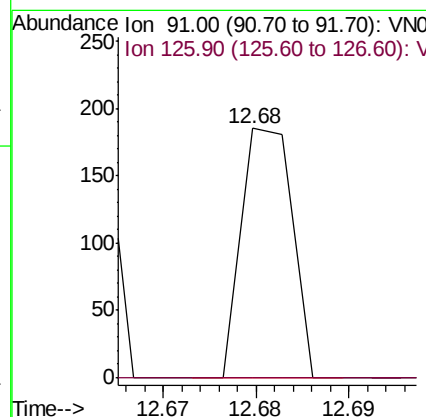
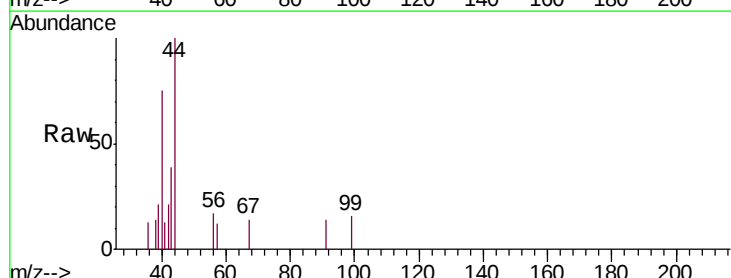
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K1-(1.9)

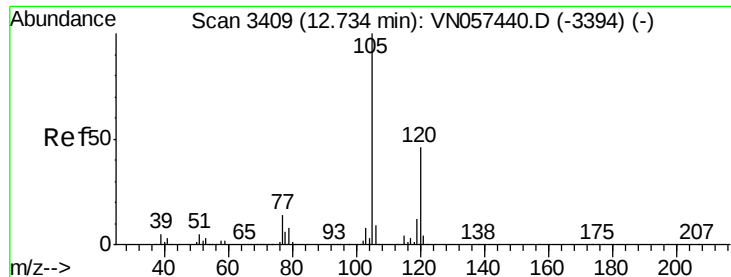
Tgt Ion: 91 Resp: 105
Ion Ratio Lower Upper
91 100
120 0.0 10.7 32.1#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VN057532.D
Acq: 27 Aug 2019 00:36

Tgt Ion: 91 Resp: 71
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.8#

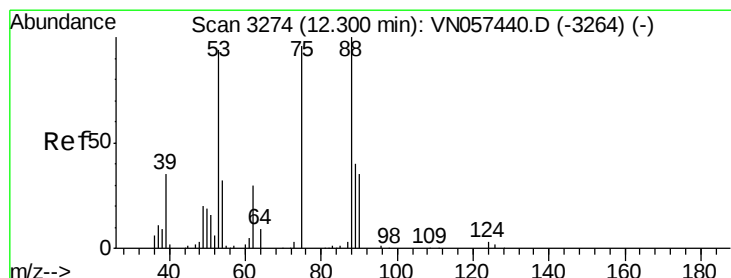
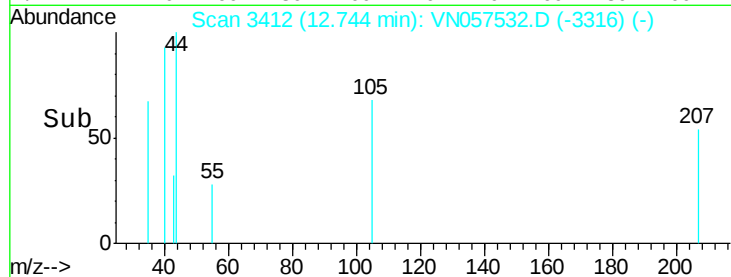
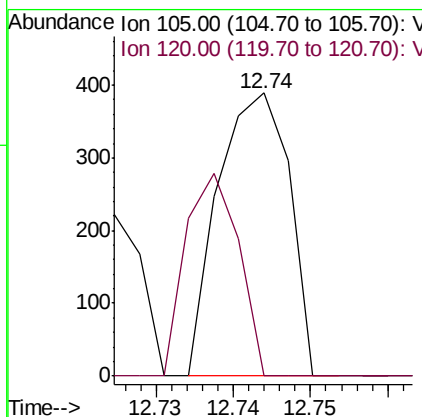
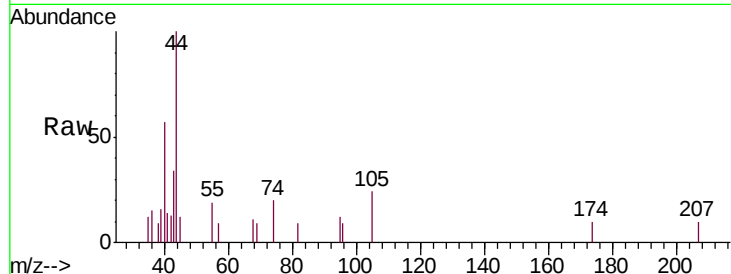




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3412
 Delta R.T. 0.01 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

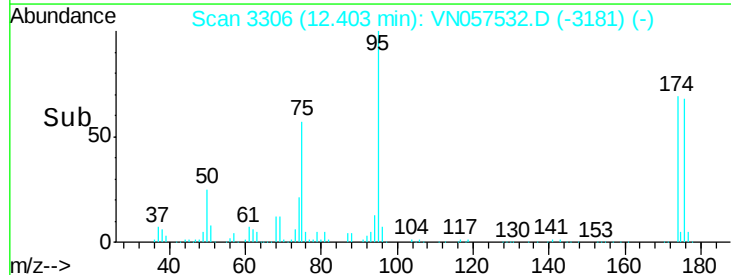
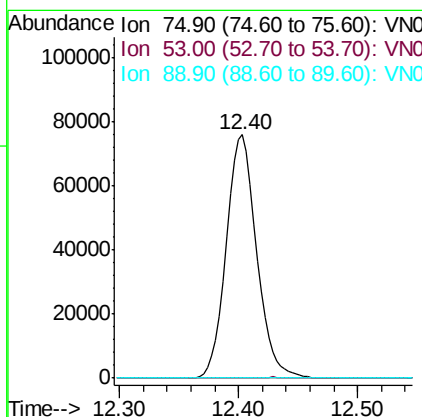
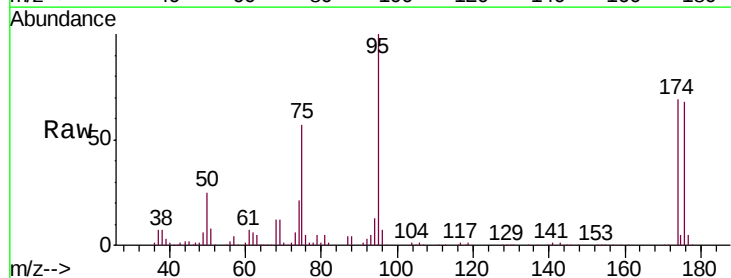
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K1-(1.9)

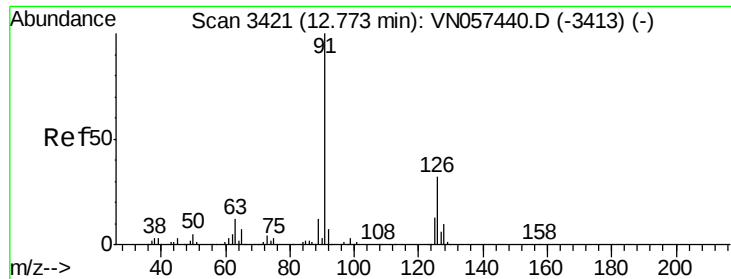
Tgt Ion: 105 Resp: 249
 Ion Ratio Lower Upper
 105 100
 120 53.0 23.3 69.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.069 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

Tgt Ion: 75 Resp: 134611
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.7 124.1#
 89 0.0 35.8 53.8#

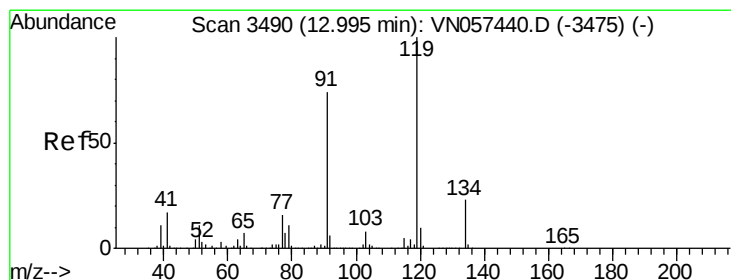
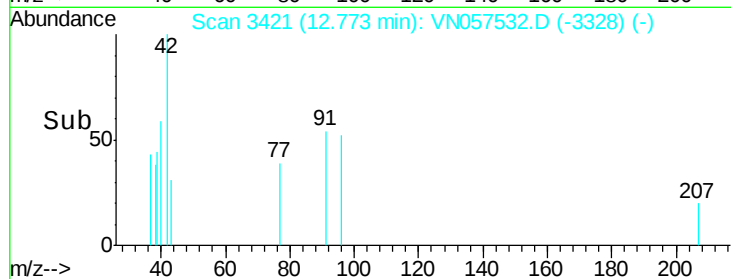
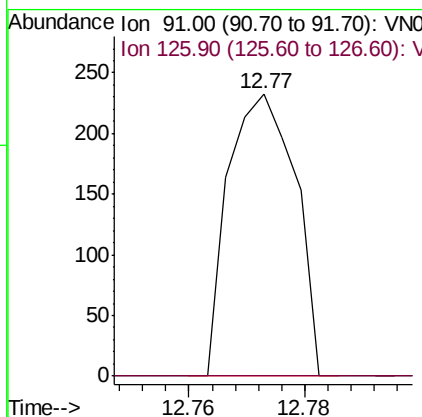
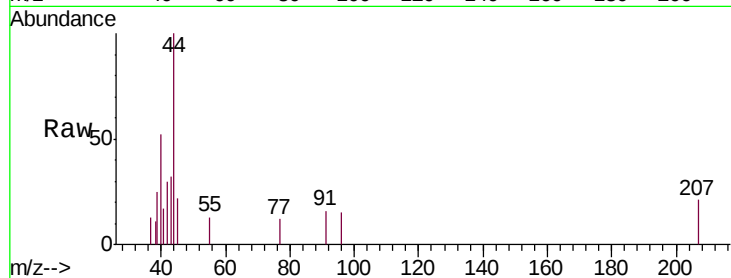




#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 12.77 min Scan# 3421
 Delta R.T. -0.00 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

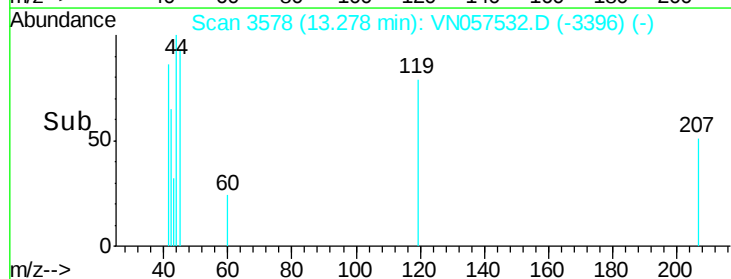
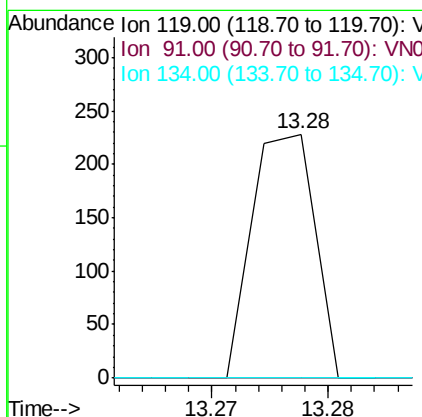
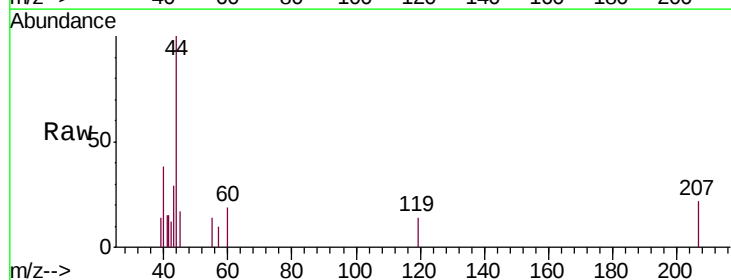
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K1-(1.9)

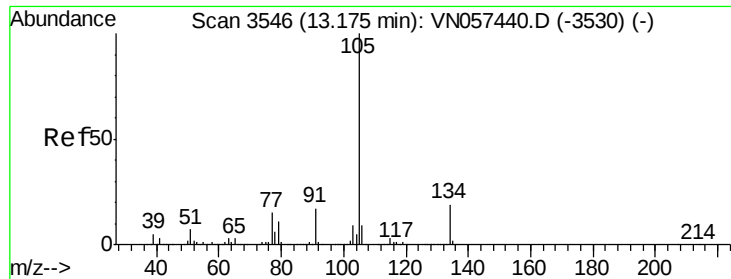
Tgt Ion: 91 Resp: 185
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.0 45.0#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.28 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

Tgt Ion: 119 Resp: 86
 Ion Ratio Lower Upper
 119 100
 91 0.0 37.0 111.0#
 134 0.0 12.2 36.6#

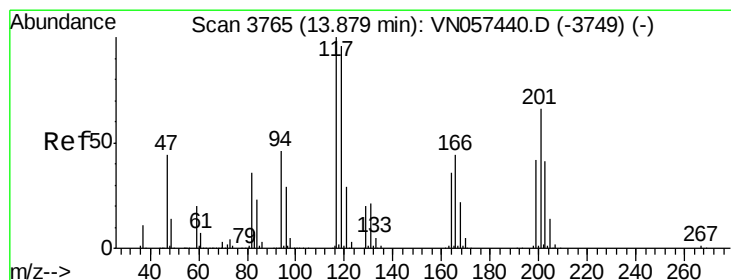
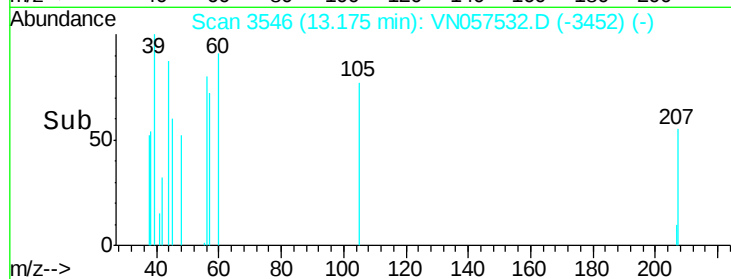
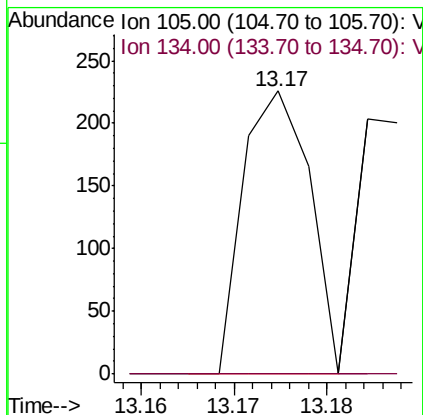
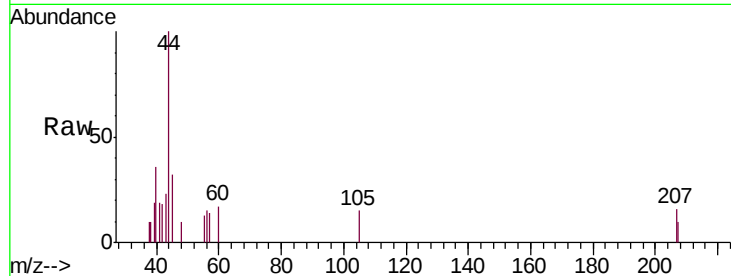




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

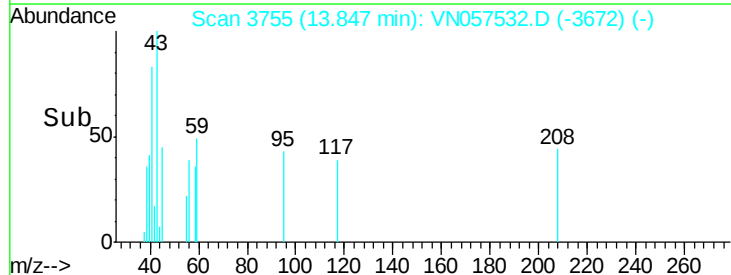
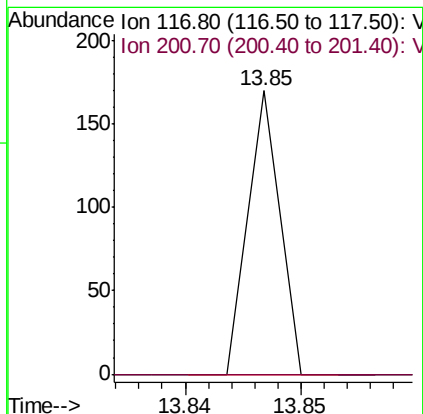
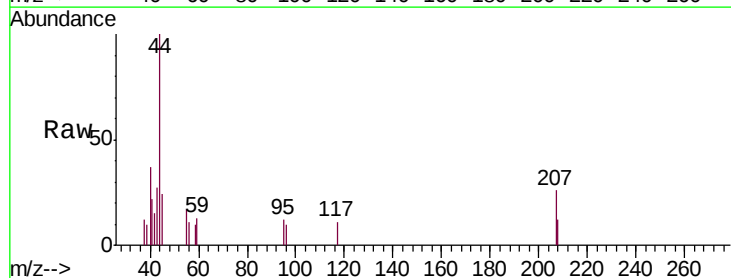
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K1-(1.9)

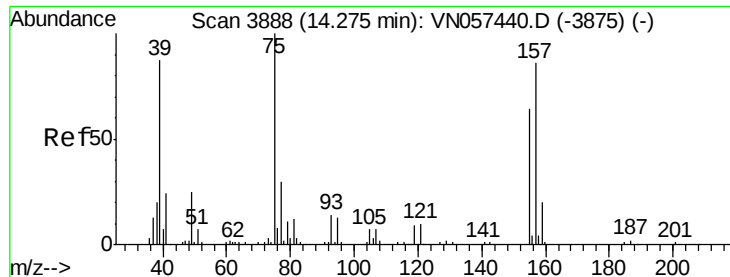
Tgt Ion:105 Resp: 112
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.9#



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.85 min Scan# 3755
 Delta R.T. -0.03 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

Tgt Ion:117 Resp: 33
 Ion Ratio Lower Upper
 117 100
 201 0.0 33.1 99.3#

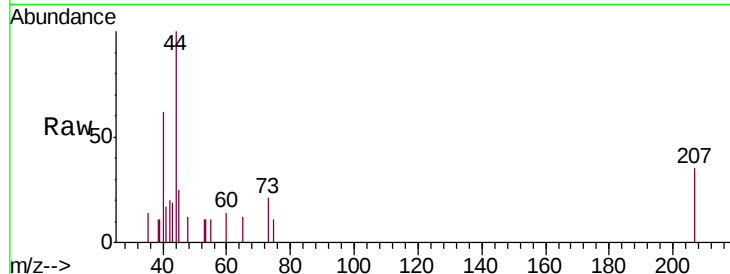




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.28 min Scan# 3891
 Delta R.T. 0.01 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

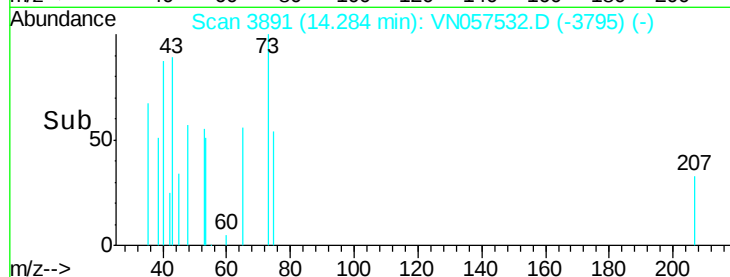
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K1-(1.9)

Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#

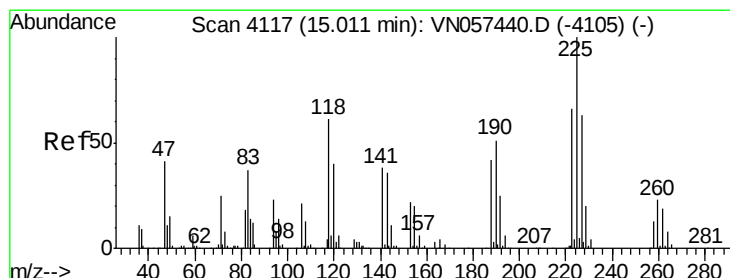


Abundance Ion 74.90 (74.60 to 75.60): VN057532.D (-3795) (-)
 Ion 154.80 (154.50 to 155.50): VN057532.D (-3795) (-)
 Ion 156.80 (156.50 to 157.50): VN057532.D (-3795) (-)

14.28

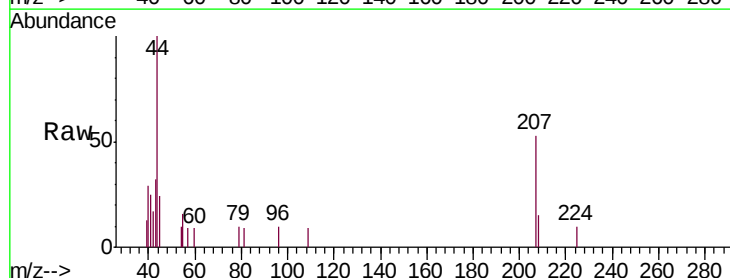


Time-->



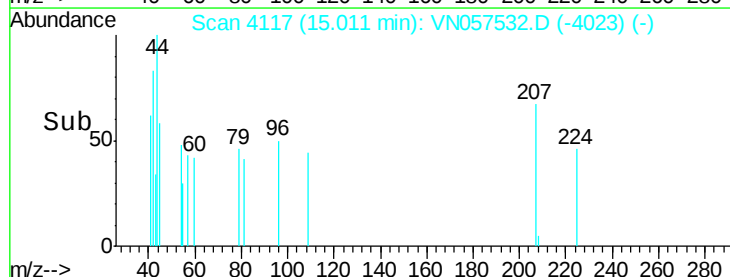
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057532.D
 Acq: 27 Aug 2019 00:36

Tgt Ion: 225 Resp: 33
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.0 96.2#
 227 0.0 31.5 94.5#

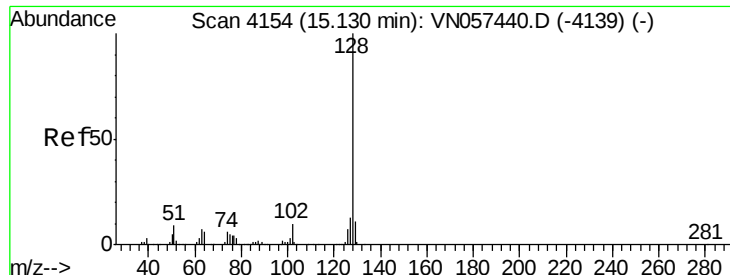


Abundance Ion 224.70 (224.40 to 225.40): VN057532.D (-4023) (-)
 Ion 222.70 (222.40 to 223.40): VN057532.D (-4023) (-)
 Ion 226.70 (226.40 to 227.40): VN057532.D (-4023) (-)

15.01



Time-->



#95

Naphthalene

Concen: 4.391 ug/l

RT: 15.15 min Scan# 4159

Delta R.T. 0.02 min

Lab File: VN057532.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K1-(1.9)

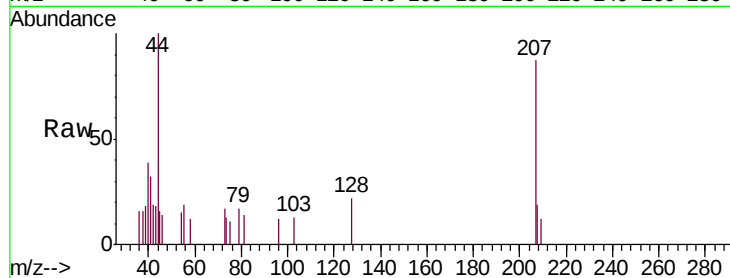
Tgt Ion:128 Resp: 307

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 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

