

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062065.D
 Acq On : 24 Jun 2020 16:09
 Operator : JC/MD
 Sample : VN0624WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Quant Time: Jun 25 04:29:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	249003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	442395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	409547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175308	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.55	113	142834	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.06	98	551284	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.38	95	181896	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	51395	18.261	ug/l	97
3) Chloromethane	2.03	50	69732	20.249	ug/l	100
4) Vinyl Chloride	2.16	62	80991	18.273	ug/l	99
5) Bromomethane	2.53	94	54183	18.915	ug/l	99
6) Chloroethane	2.67	64	55080	18.191	ug/l	100
7) Trichlorofluoromethane	2.98	101	97298	17.815	ug/l	100
8) Diethyl Ether	3.37	74	35732	18.736	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	53005	18.533	ug/l #	87
10) Methyl Iodide	3.91	142	55646	17.276	ug/l	100
11) Tert butyl alcohol	4.73	59	47928	95.529	ug/l	99
12) 1,1-Dichloroethene	3.70	96	53089	18.568	ug/l	99
13) Acrolein	3.57	56	43787	89.142	ug/l	98
14) Allyl chloride	4.27	41	71399	18.342	ug/l	98
15) Acrylonitrile	4.93	53	123981	90.684	ug/l	99
16) Acetone	3.78	43	112335	99.987	ug/l	97
17) Carbon Disulfide	4.01	76	156873	19.187	ug/l	98
18) Methyl Acetate	4.28	43	47589	17.132	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	168908	18.488	ug/l	100
20) Methylene Chloride	4.50	84	61707	19.103	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	56735	17.419	ug/l	97
22) Diisopropyl ether	5.90	45	159832	18.033	ug/l	98
23) Vinyl Acetate	5.84	43	667712	92.271	ug/l	98
24) 1,1-Dichloroethane	5.80	63	103129	18.069	ug/l	99
25) 2-Butanone	6.79	43	159007	93.096	ug/l	97
26) 2,2-Dichloropropane	6.77	77	87790	18.458	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64924	17.714	ug/l	100
28) Bromochloromethane	7.15	49	48110	19.428	ug/l	100
29) Tetrahydrofuran	7.17	42	104460	93.367	ug/l	98
30) Chloroform	7.33	83	105963	18.248	ug/l	98
31) Cyclohexane	7.61	56	86313	17.878	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	89231	18.221	ug/l	99
36) 1,1-Dichloropropene	7.75	75	79324	17.839	ug/l	98
37) Ethyl Acetate	6.88	43	65859	17.886	ug/l	97
38) Carbon Tetrachloride	7.73	117	75426	17.992	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062065.D
 Acq On : 24 Jun 2020 16:09
 Operator : JC/MD
 Sample : VN0624WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Quant Time: Jun 25 04:29:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	87295	17.917	ug/l	97
40) Benzene	8.00	78	241667	17.831	ug/l	98
41) Methacrylonitrile	7.13	41	27819	16.296	ug/l	94
42) 1,2-Dichloroethane	8.09	62	81783	17.860	ug/l	99
43) Isopropyl Acetate	8.13	43	108432	18.065	ug/l	100
44) Trichloroethene	8.80	130	60560	17.713	ug/l	97
45) 1,2-Dichloropropane	9.08	63	61200	18.303	ug/l	99
46) Dibromomethane	9.18	93	40982	18.077	ug/l	99
47) Bromodichloromethane	9.37	83	82228	17.964	ug/l	98
48) Methyl methacrylate	9.17	41	47710	17.727	ug/l	99
49) 1,4-Dioxane	9.17	88	21295	356.797	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	329014	93.817	ug/l	99
52) Toluene	10.12	92	151313	18.297	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	89296	17.731	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	98344	18.342	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	60127	18.496	ug/l	98
56) Ethyl methacrylate	10.40	69	79418	18.307	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101837	18.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	151727	92.958	ug/l	99
59) 2-Hexanone	10.72	43	236029	93.204	ug/l	100
60) Dibromochloromethane	10.87	129	61768	17.947	ug/l	97
61) 1,2-Dibromoethane	10.98	107	60952	18.248	ug/l	100
64) Tetrachloroethene	10.60	164	50991	18.227	ug/l	97
65) Chlorobenzene	11.41	112	161938	18.006	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	56683	18.226	ug/l	99
67) Ethyl Benzene	11.48	91	278507	18.336	ug/l	100
68) m/p-Xylenes	11.59	106	214044	36.433	ug/l	98
69) o-Xylene	11.92	106	102491	18.490	ug/l	99
70) Styrene	11.94	104	165262	17.877	ug/l	99
71) Bromoform	12.10	173	40494	18.313	ug/l #	99
73) Isopropylbenzene	12.22	105	265844	18.711	ug/l	99
74) N-amyl acetate	12.05	43	85657	18.626	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	86580	18.312	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	106854	24.730	ug/l #	100
77) Bromobenzene	12.50	156	64238	18.211	ug/l	98
78) n-propylbenzene	12.57	91	304571	18.741	ug/l	100
79) 2-Chlorotoluene	12.65	91	183178	18.644	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	218335	18.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27041	18.276	ug/l	98
82) 4-Chlorotoluene	12.75	91	184406	18.150	ug/l	100
83) tert-Butylbenzene	12.97	119	183140	18.580	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	217729	18.928	ug/l	99
85) sec-Butylbenzene	13.15	105	242972	18.655	ug/l	100
86) p-Isopropyltoluene	13.26	119	215766	18.908	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	112728	18.199	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	112851	17.675	ug/l	99
89) n-Butylbenzene	13.59	91	170915	18.016	ug/l	100
90) Hexachloroethane	13.85	117	40157	17.936	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	110315	18.366	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14872	19.635	ug/l	96

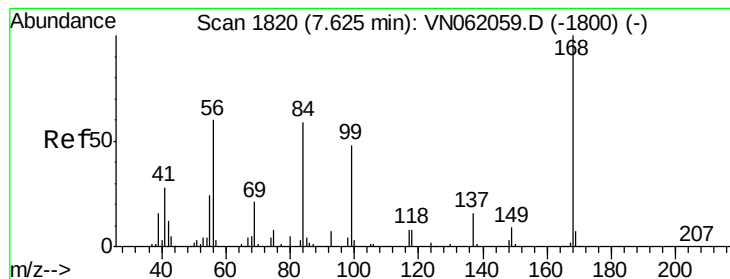
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
Data File : VN062065.D
Acq On : 24 Jun 2020 16:09
Operator : JC/MD
Sample : VN0624WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Quant Time: Jun 25 04:29:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	46971	17.901	ug/l	98
94) Hexachlorobutadiene	14.98	225	21038	18.460	ug/l	98
95) Naphthalene	15.11	128	134032	18.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	48135	17.941	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

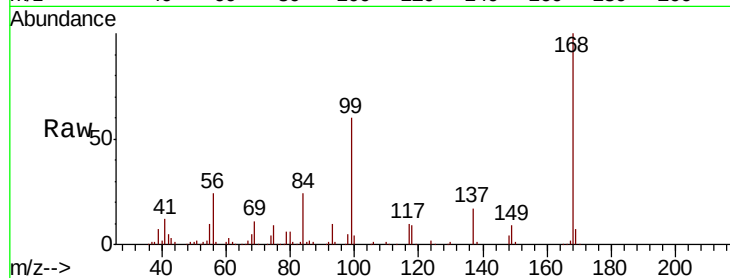
VN0624WBS01

Tot Ion:168 Resp: 249003

Ion Ratio Lower Upper

168 100

99 59.5 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

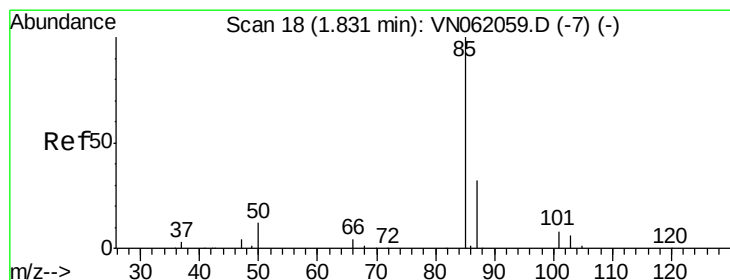
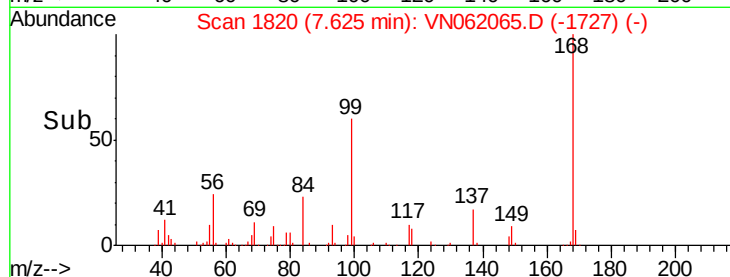
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.261 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062065.D

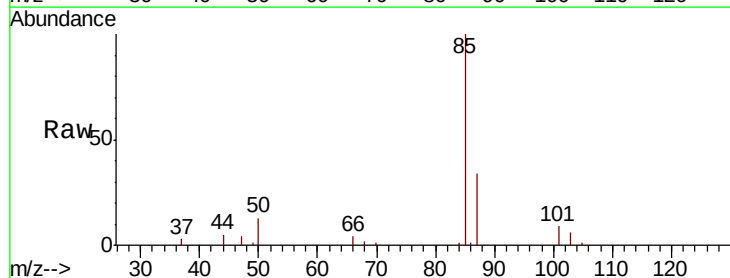
Acq: 24 Jun 2020 16:09

Tgt Ion: 85 Resp: 51395

Ion Ratio Lower Upper

85 100

87 33.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

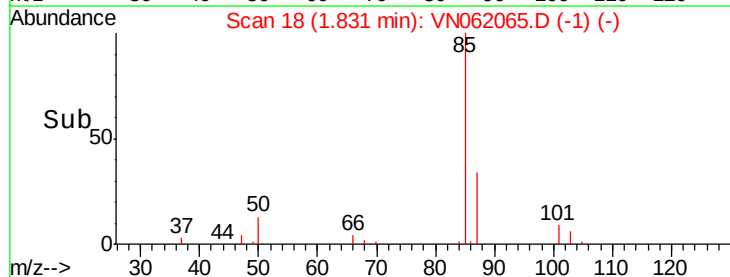
30000

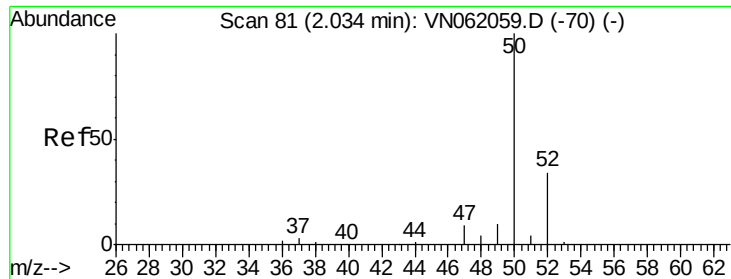
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 20.249 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

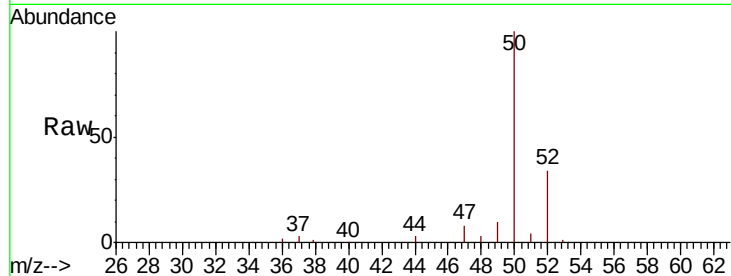
VN0624WBS01

Tot Ion: 50 Resp: 69732

Ion Ratio Lower Upper

50 100

52 33.9 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN062059.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN062059.D (-70) (-)

2.03

60000

50000

40000

30000

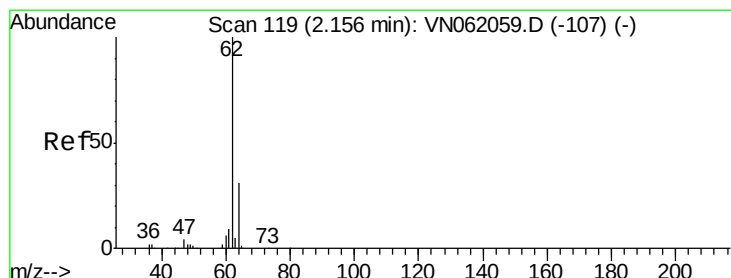
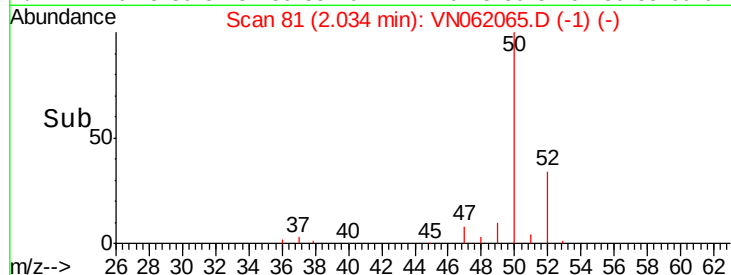
20000

10000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 18.273 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062065.D

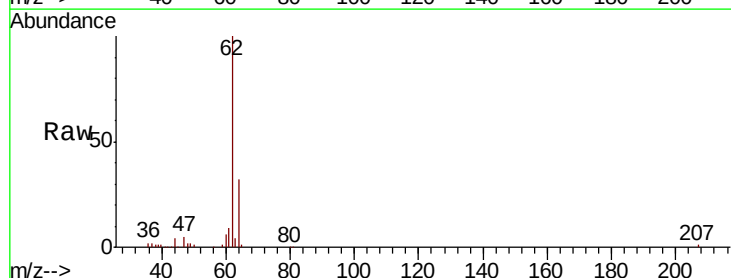
Acq: 24 Jun 2020 16:09

Tgt Ion: 62 Resp: 80991

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN062059.D (-107) (-)

Ion 63.90 (63.60 to 64.60): VN062059.D (-107) (-)

2.16

60000

50000

40000

30000

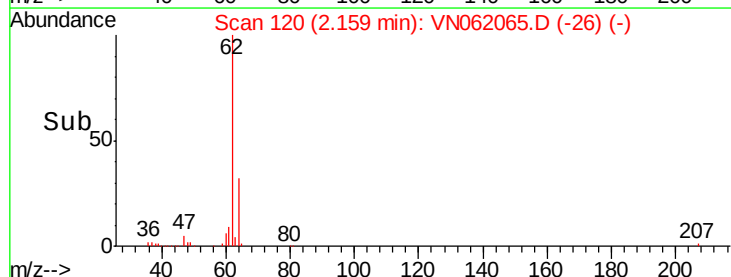
20000

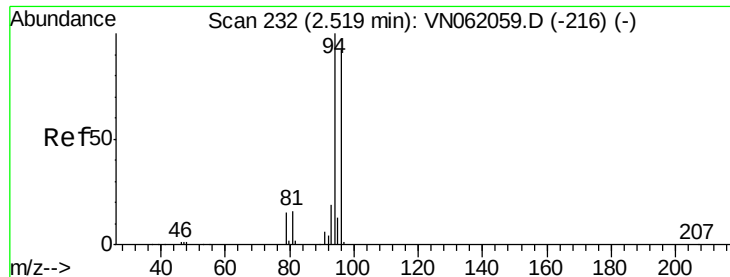
10000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 18.915 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

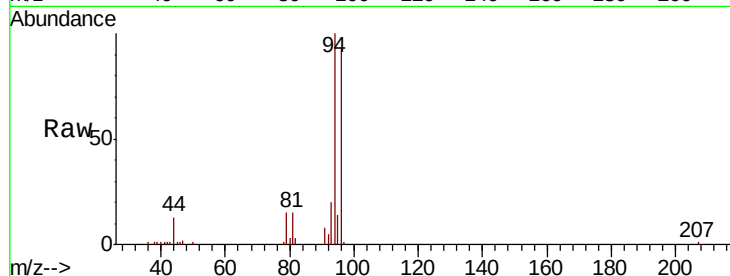
VN0624WBS01

Tot Ion: 94 Resp: 54183

Ion Ratio Lower Upper

94 100

96 92.8 73.4 110.2

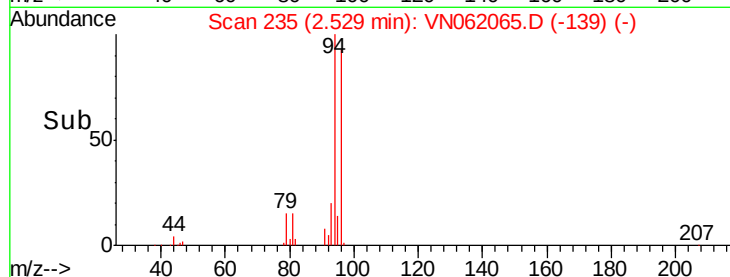


Abundance Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062065.D (-139) (-)

2.53

Time-->



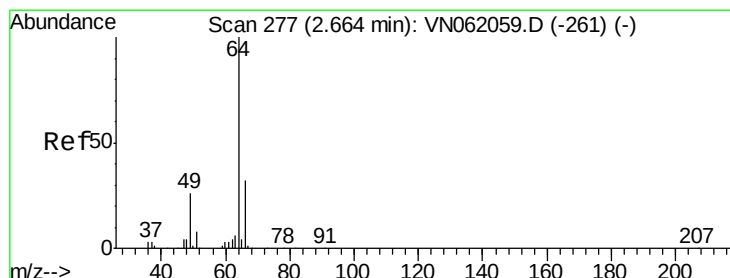
Abundance

Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062065.D (-139) (-)

2.53

Time-->



#6

Chloroethane

Concen: 18.191 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062065.D

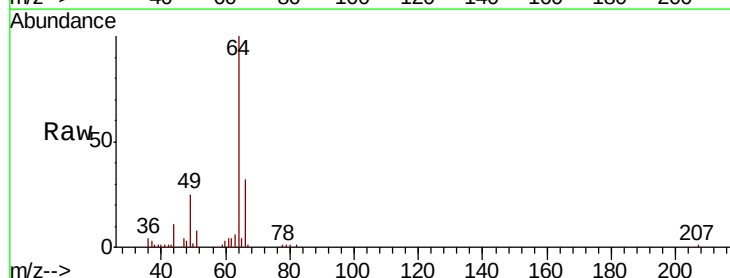
Acq: 24 Jun 2020 16:09

Tgt Ion: 64 Resp: 55080

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.6

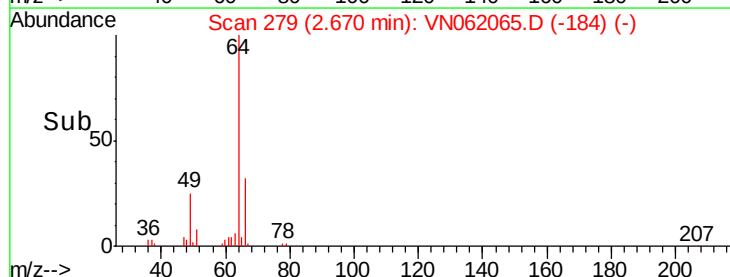


Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062065.D (-184) (-)

2.67

Time-->



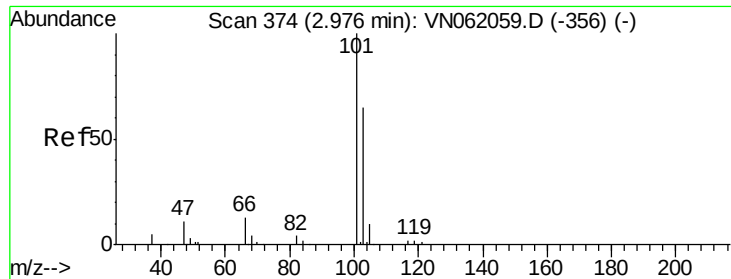
Abundance

Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062065.D (-184) (-)

2.67

Time-->

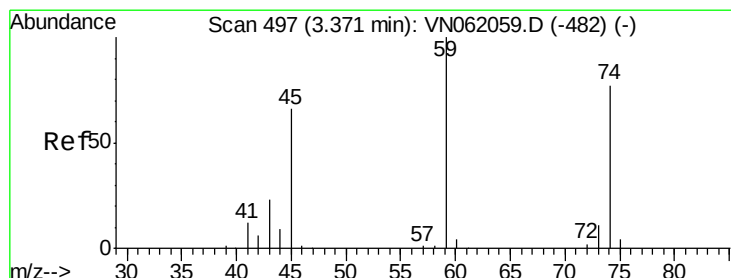
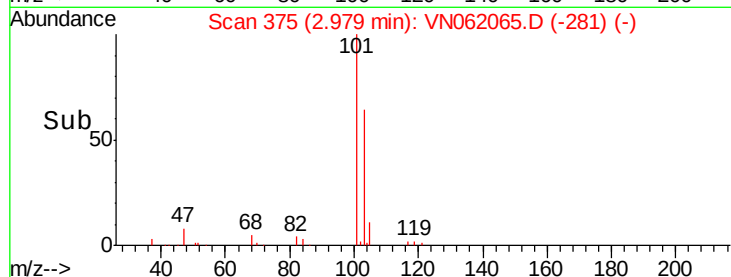
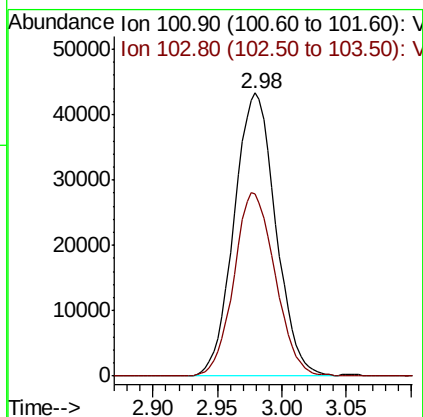
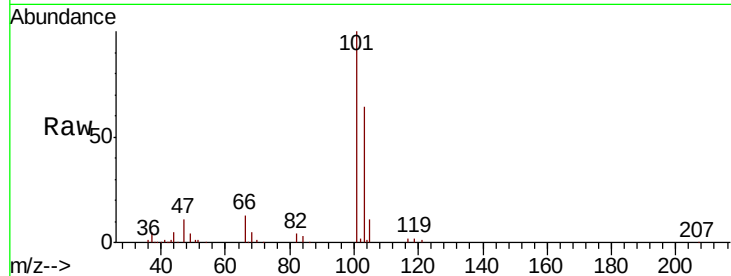


#7

Trichlorofluoromethane
 Concen: 17.815 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

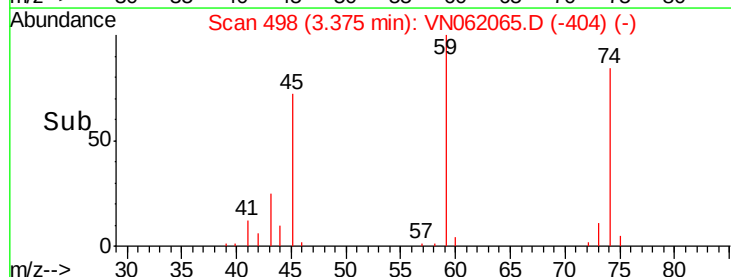
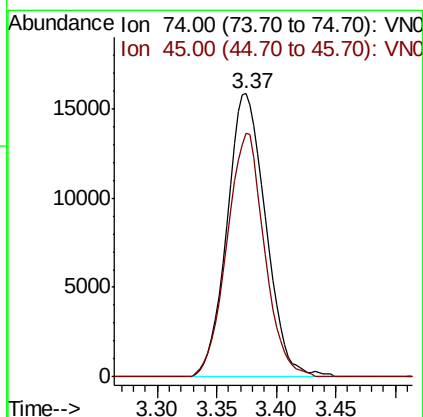
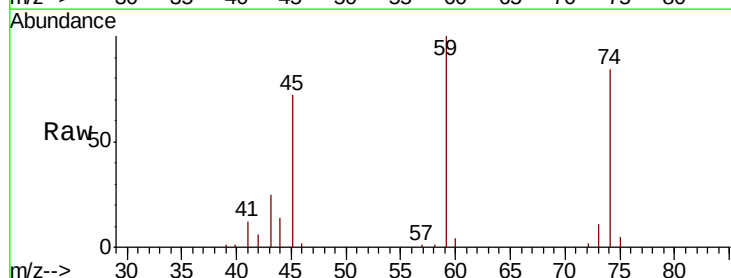
Tot Ion:101 Resp: 97298
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.6

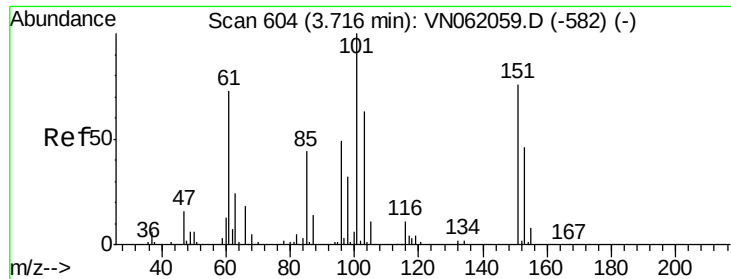


#8

Diethyl Ether
 Concen: 18.736 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion: 74 Resp: 35732
 Ion Ratio Lower Upper
 74 100
 45 83.2 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.533 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

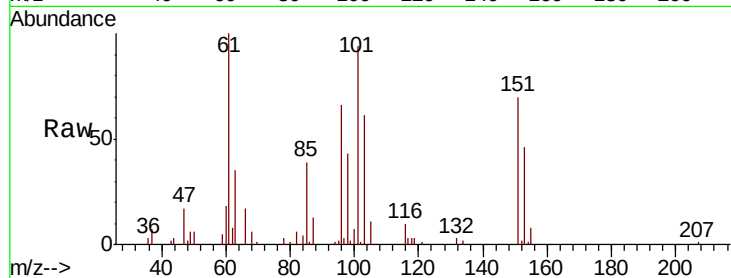
Tot Ion:101 Resp: 53005

Ion Ratio Lower Upper

101 100

85 21.5 34.5 51.7#

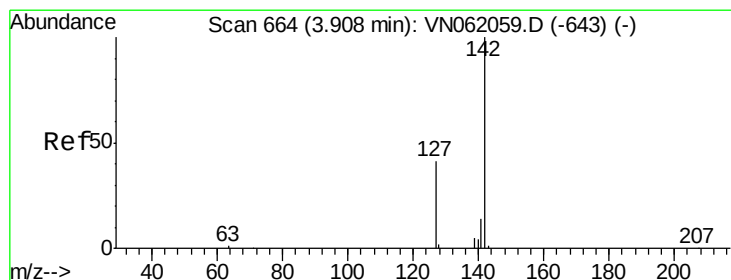
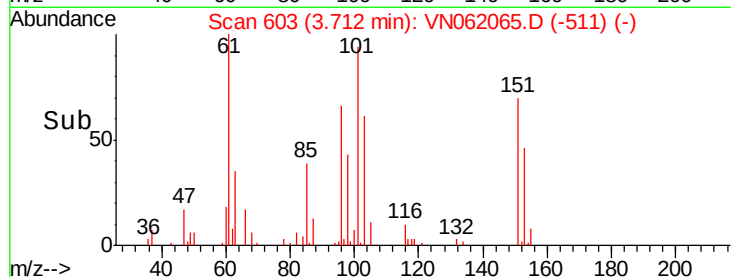
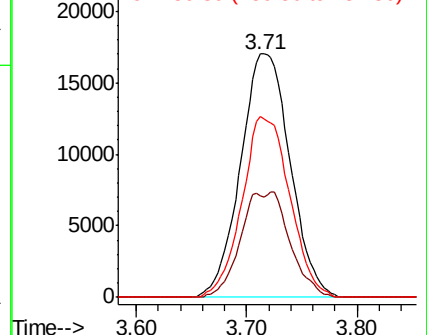
151 71.5 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.276 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

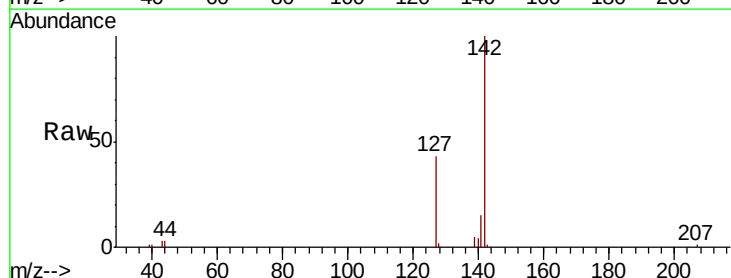
Tgt Ion:142 Resp: 55646

Ion Ratio Lower Upper

142 100

127 41.9 33.6 50.4

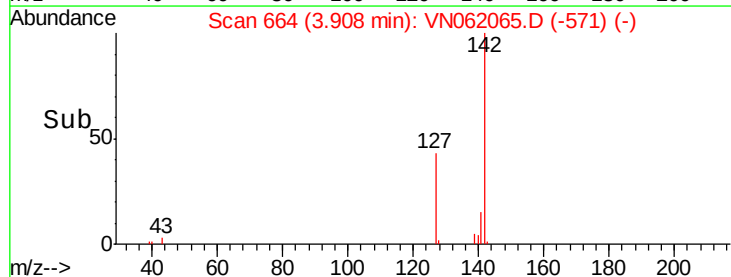
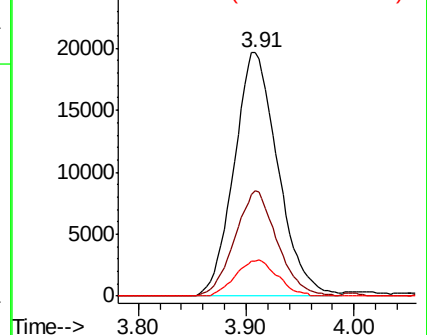
141 14.2 11.3 16.9

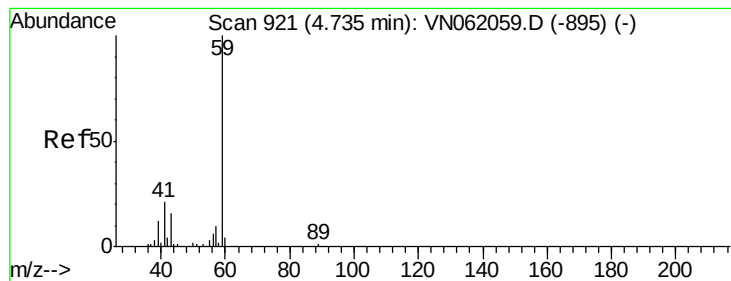


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.529 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

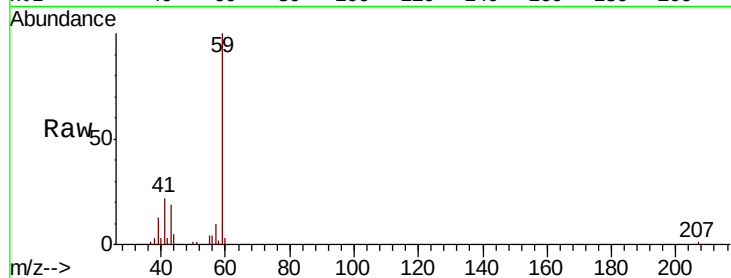
VN0624WBS01

Tot Ion: 59 Resp: 47928

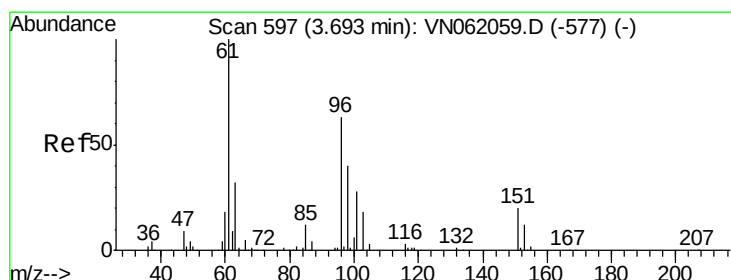
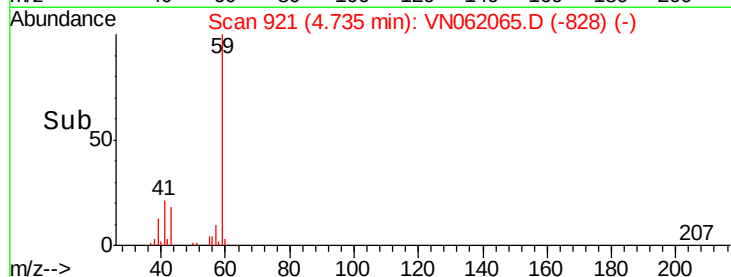
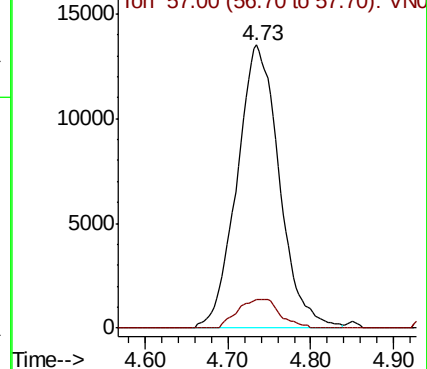
Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN062065.D (-828) (-)



#12

1,1-Dichloroethene

Concen: 18.568 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

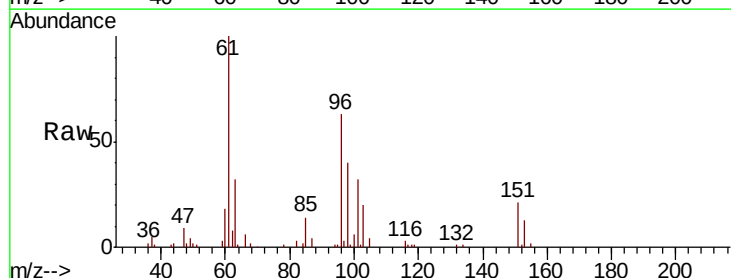
Tgt Ion: 96 Resp: 53089

Ion Ratio Lower Upper

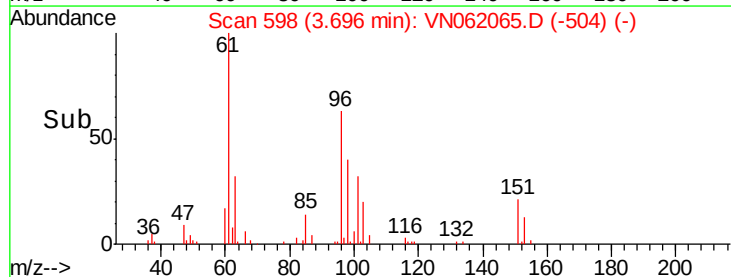
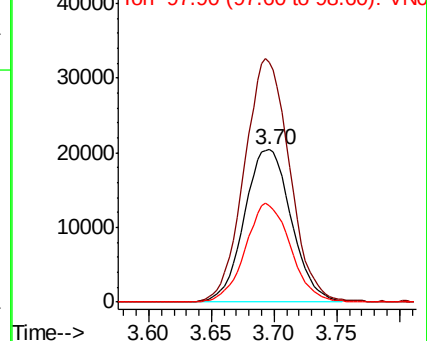
96 100

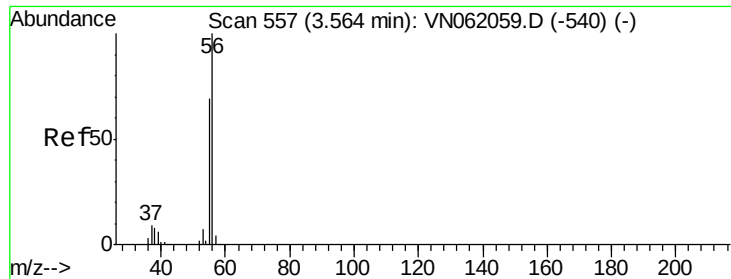
61 157.7 126.7 190.1

98 63.0 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062065.D (-504) (-)





#13

Acrolein

Concen: 89.142 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

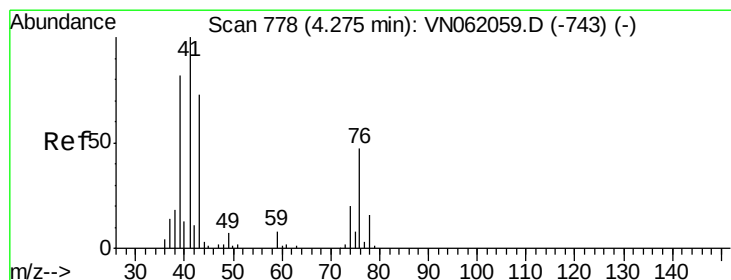
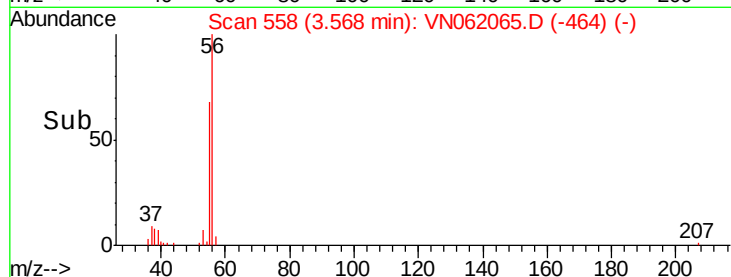
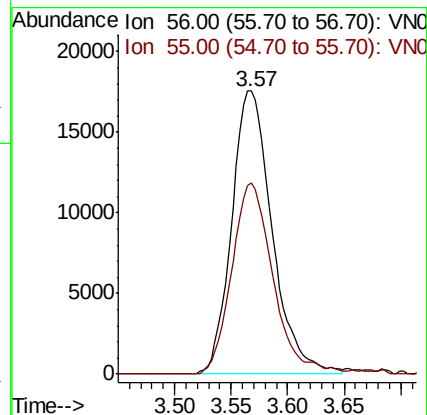
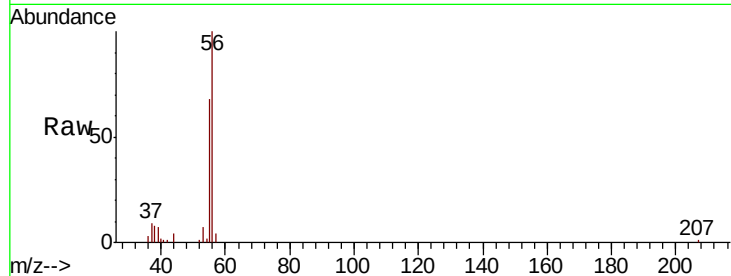
VN0624WBS01

Tot Ion: 56 Resp: 43787

Ion Ratio Lower Upper

56 100

55 68.1 55.5 83.3



#14

Allyl chloride

Concen: 18.342 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

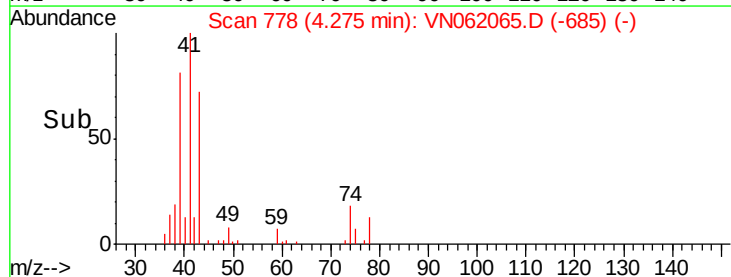
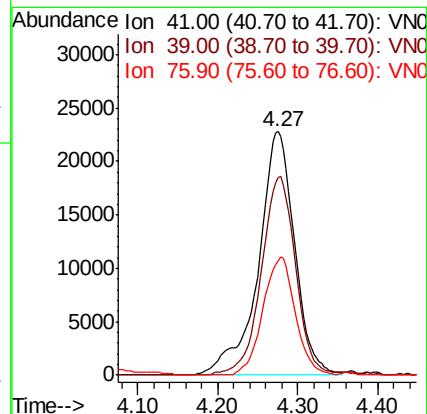
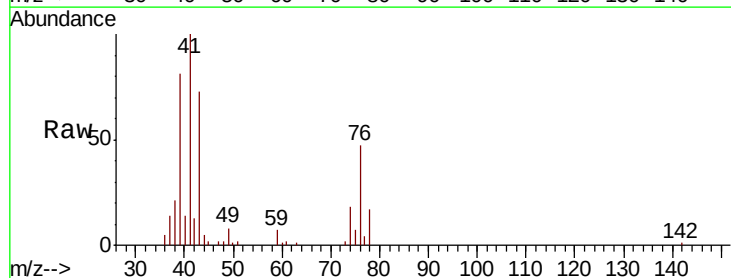
Tgt Ion: 41 Resp: 71399

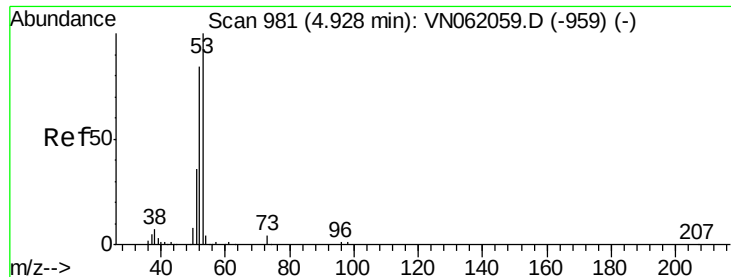
Ion Ratio Lower Upper

41 100

39 77.1 60.0 90.0

76 43.2 34.1 51.1





#15

Acrylonitrile

Concen: 90.684 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

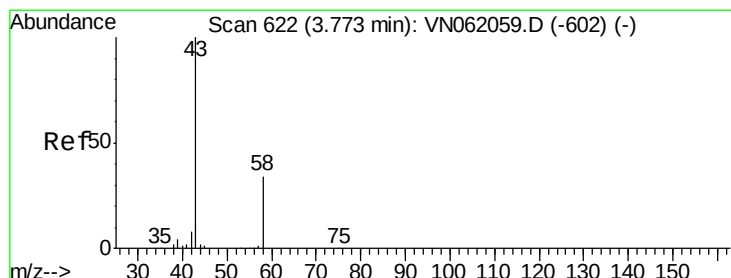
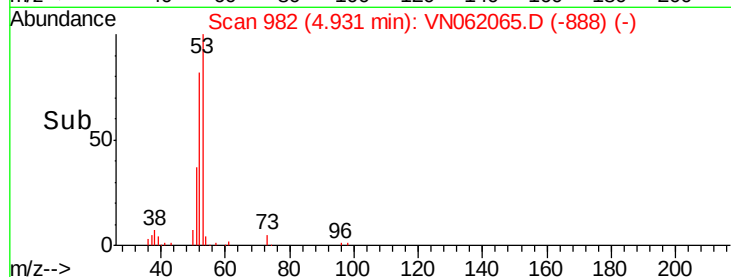
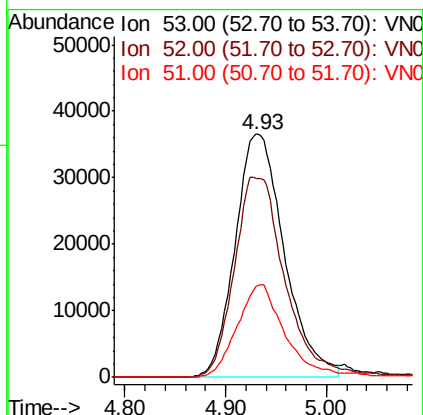
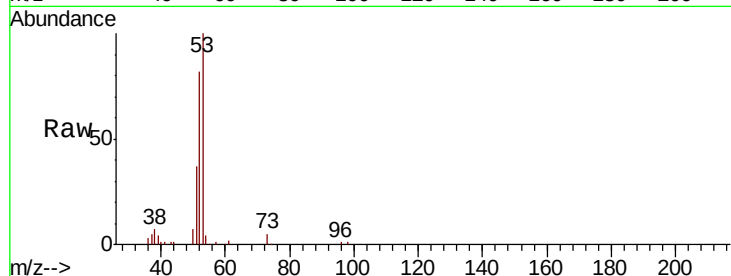
Tot Ion: 53 Resp: 123981

Ion Ratio Lower Upper

53 100

52 84.3 66.2 99.4

51 36.6 28.9 43.3



#16

Acetone

Concen: 99.987 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062065.D

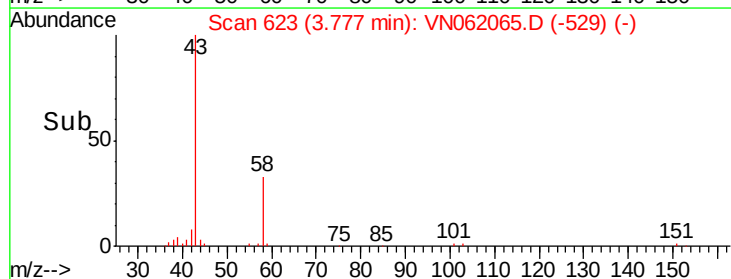
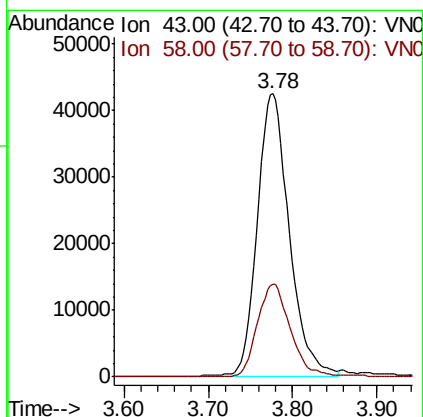
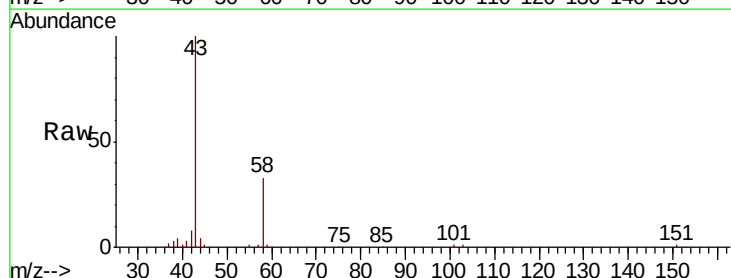
Acq: 24 Jun 2020 16:09

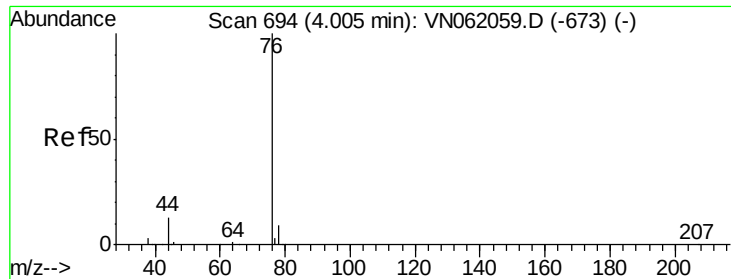
Tgt Ion: 43 Resp: 112335

Ion Ratio Lower Upper

43 100

58 32.8 27.5 41.3





#17

Carbon Disulfide

Concen: 19.187 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

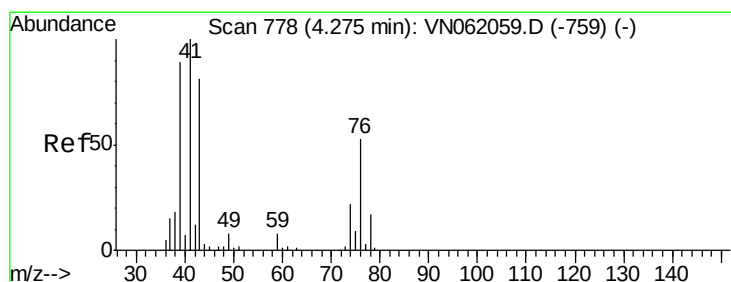
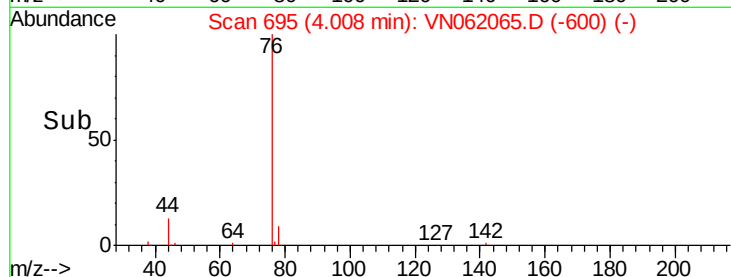
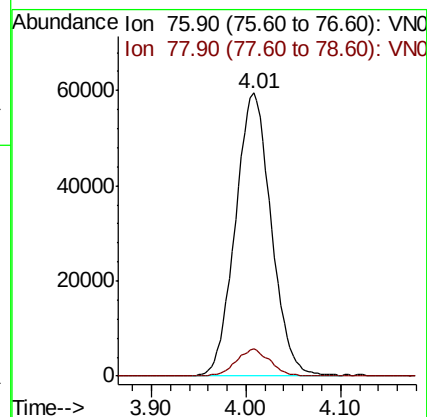
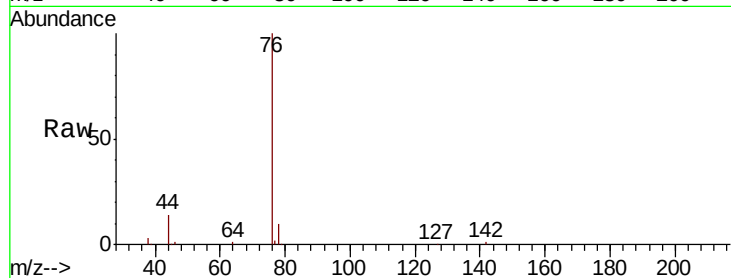
VN0624WBS01

Tot Ion: 76 Resp: 156873

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



#18

Methyl Acetate

Concen: 17.132 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062065.D

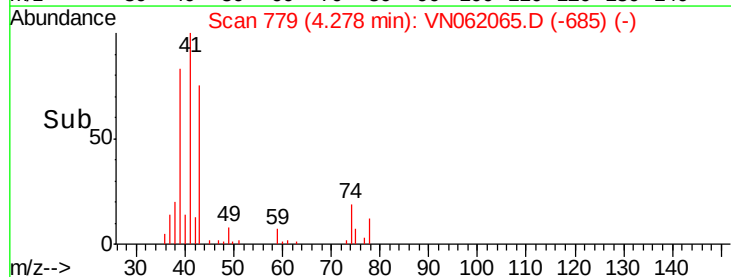
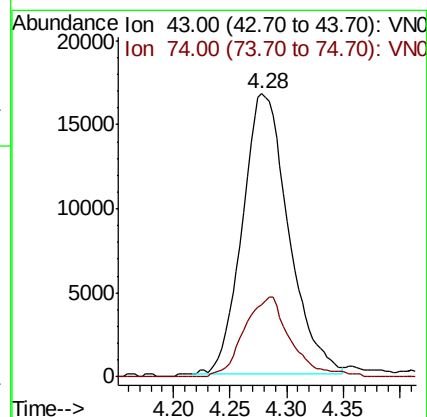
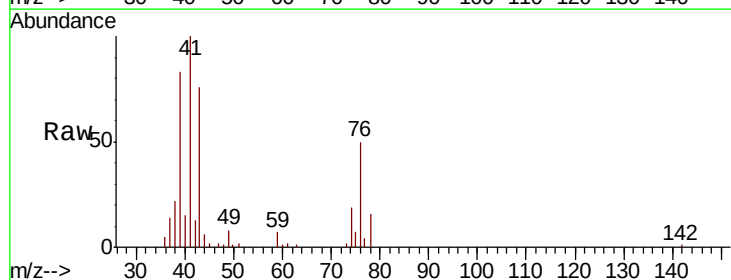
Acq: 24 Jun 2020 16:09

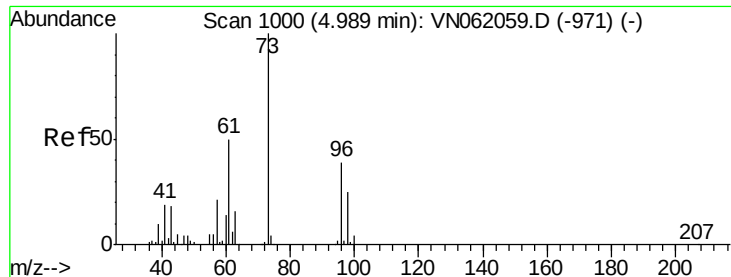
Tgt Ion: 43 Resp: 47589

Ion Ratio Lower Upper

43 100

74 28.8 22.9 34.3

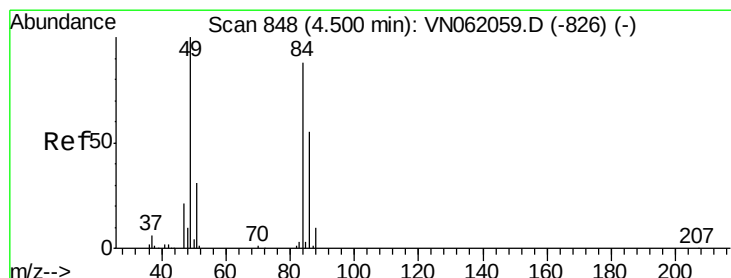
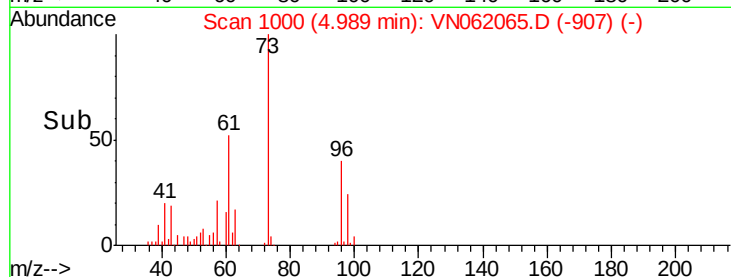
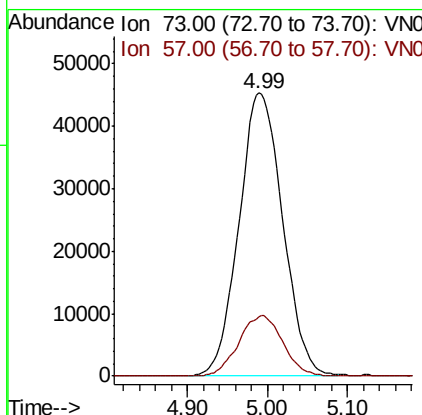
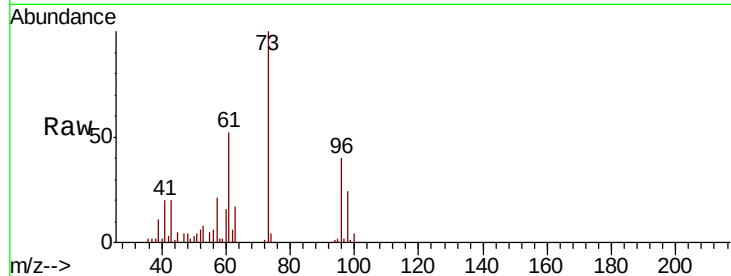




#19
Methvl tert-butvl Ether
Concen: 18.488 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

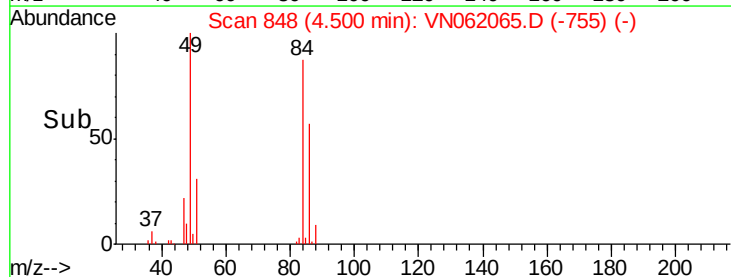
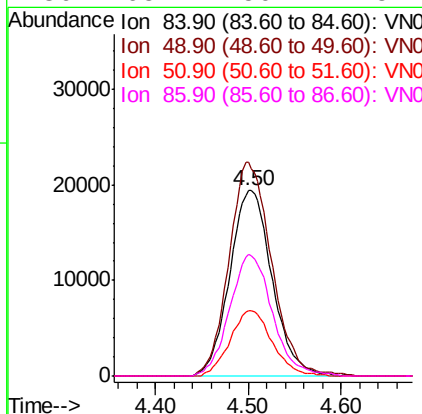
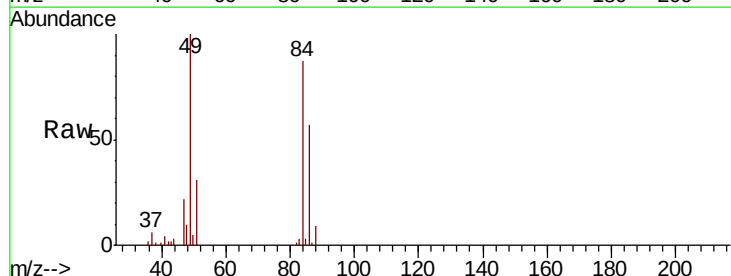
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

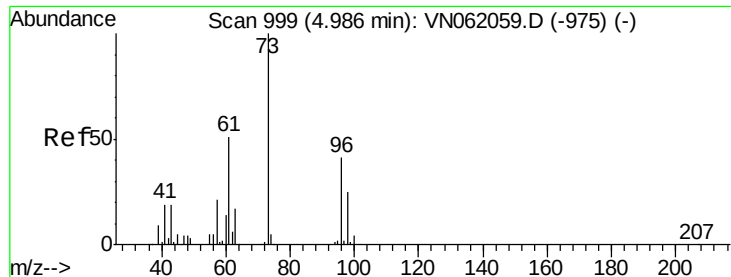
Tot Ion: 73 Resp: 168908
Ion Ratio Lower Upper
73 100
57 20.8 16.6 24.8



#20
Methylene Chloride
Concen: 19.103 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion: 84 Resp: 61707
Ion Ratio Lower Upper
84 100
49 115.2 90.6 136.0
51 35.5 27.8 41.8
86 65.7 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.419 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

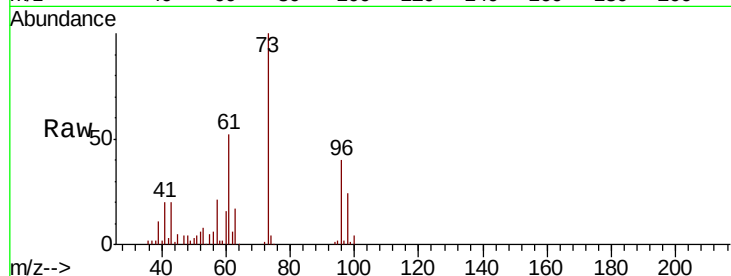
Tot Ion: 96 Resp: 56735

Ion Ratio Lower Upper

96 100

61 131.7 101.4 152.2

98 60.3 49.3 73.9

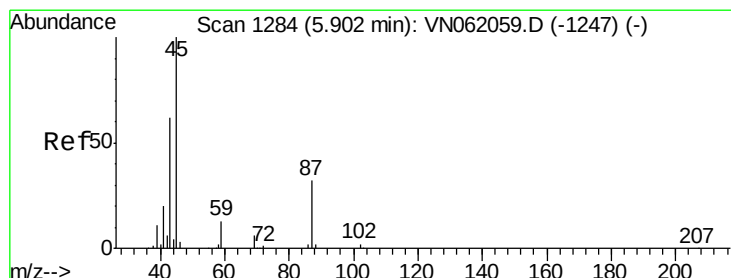
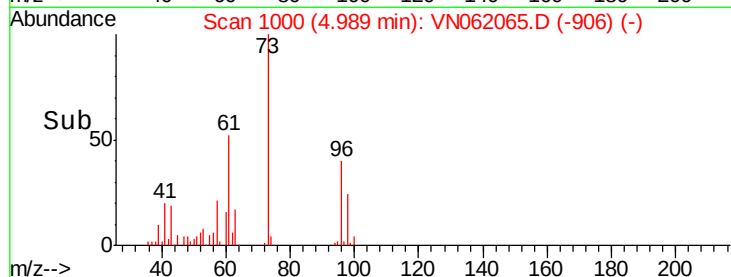
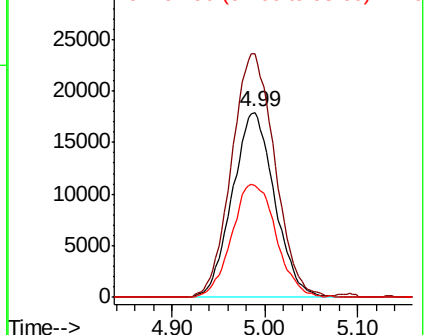


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.033 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Tgt Ion: 45 Resp: 159832

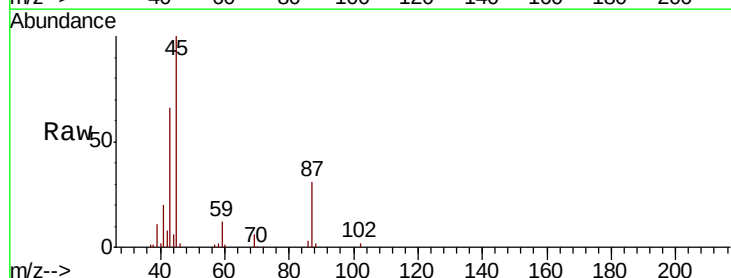
Ion Ratio Lower Upper

45 100

43 63.5 49.7 74.5

87 30.7 25.9 38.9

59 12.3 10.6 16.0



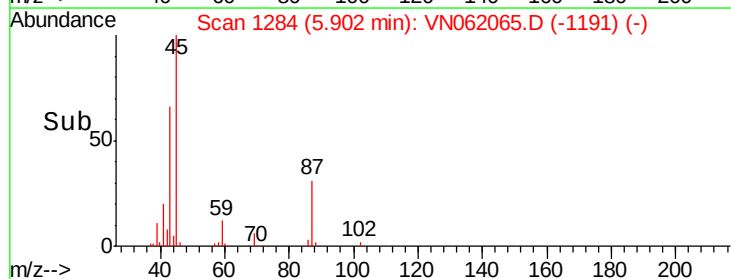
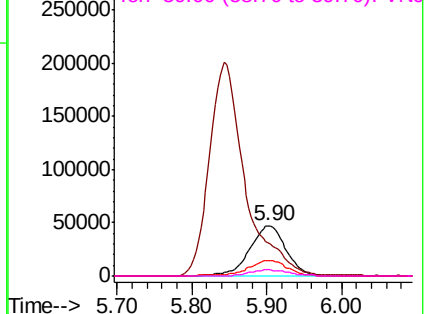
Abundance

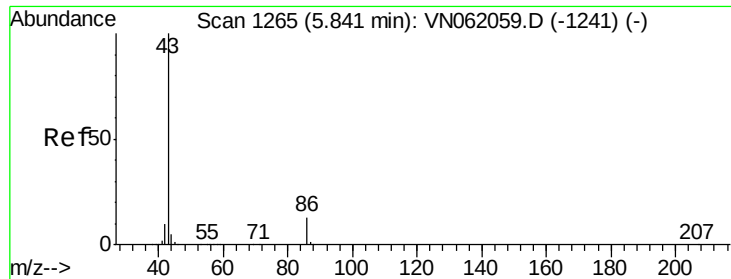
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 92.271 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

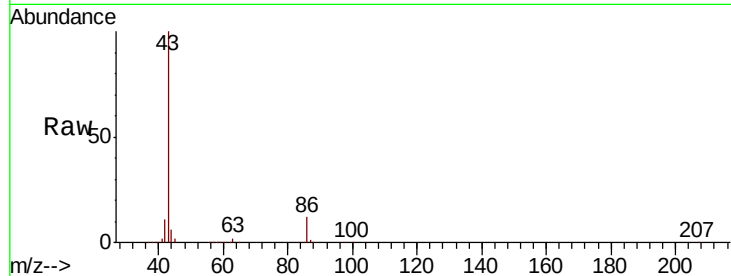
VN0624WBS01

Tot Ion: 43 Resp: 667712

Ion Ratio Lower Upper

43 100

86 11.9 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062059.D (-1241) (-)

5.84

200000

150000

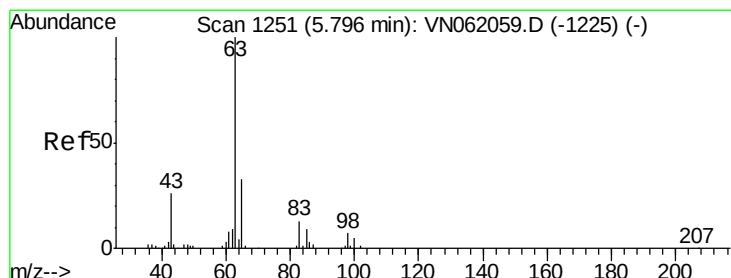
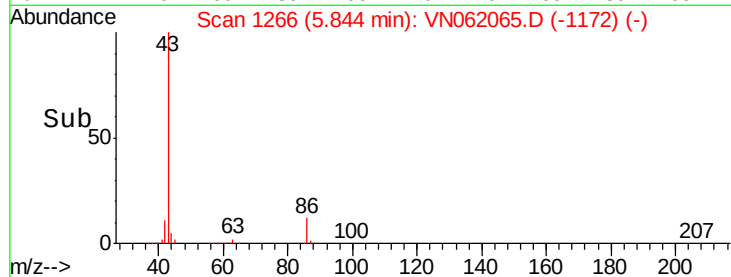
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.069 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

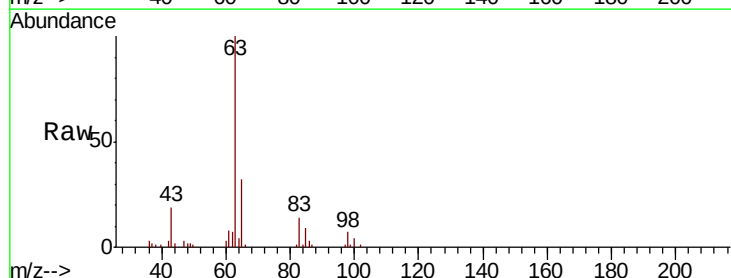
Tgt Ion: 63 Resp: 103129

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-1225) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1225) (-)

Ion 99.90 (99.60 to 100.60): VN062059.D (-1225) (-)

5.80

40000

30000

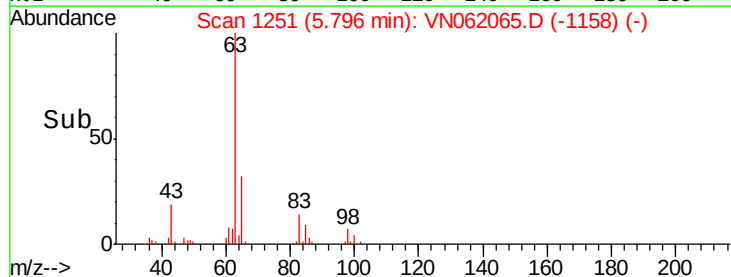
20000

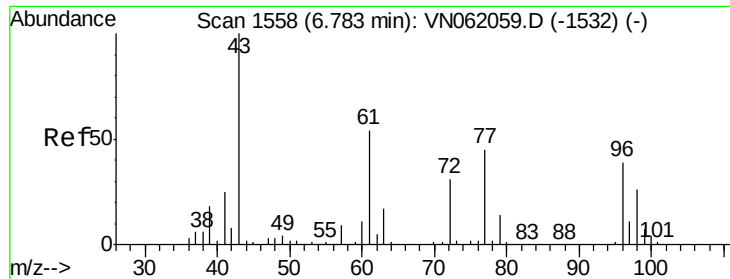
10000

0

5.70 5.80 5.90

Time-->

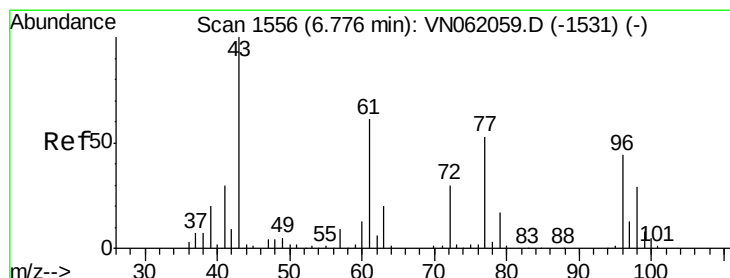
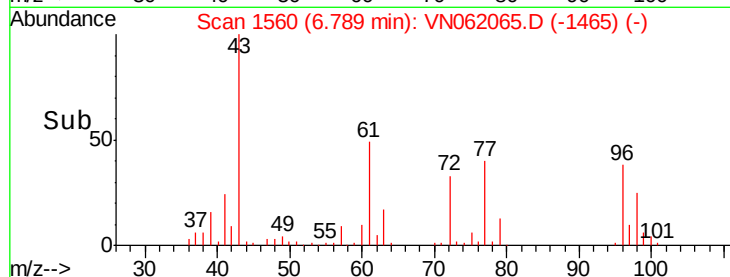
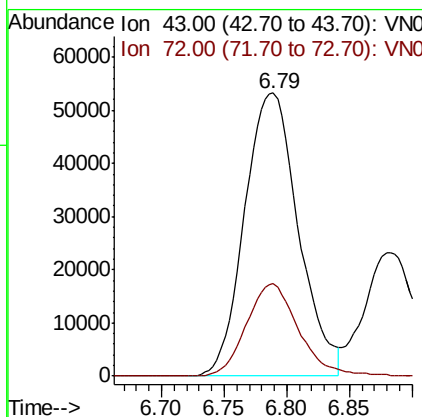
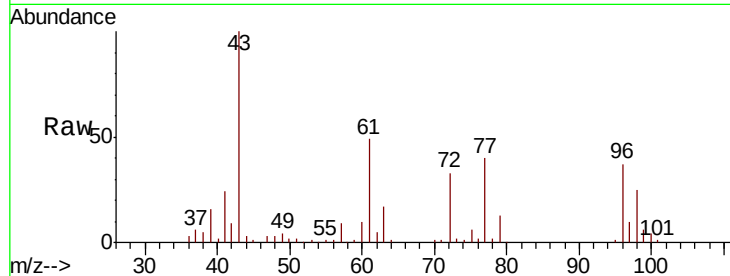




#25
2-Butanone
Concen: 93.096 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

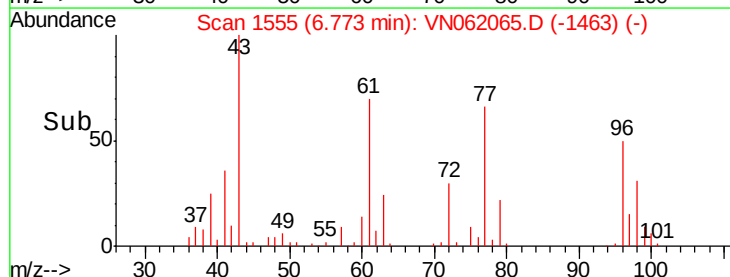
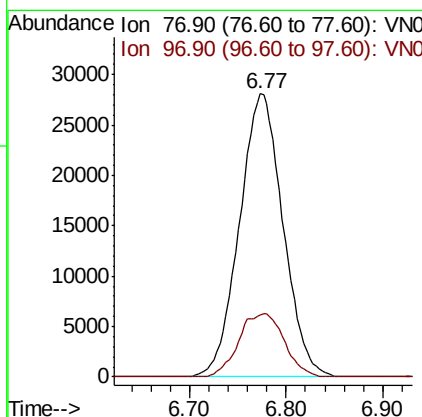
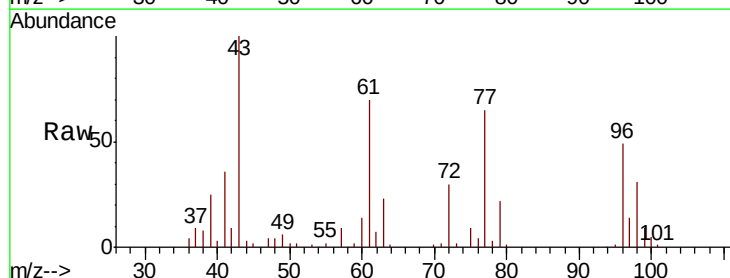
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

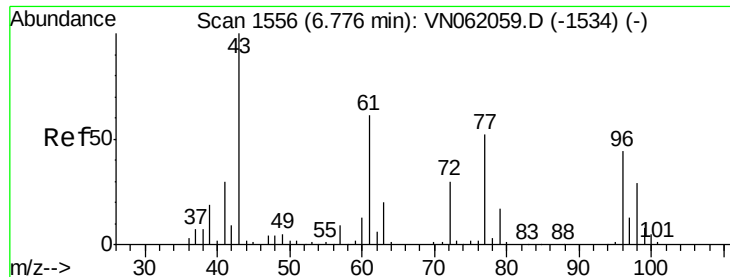
Tot Ion: 43 Resp: 159007
Ion Ratio Lower Upper
43 100
72 32.5 24.8 37.2



#26
2,2-Dichloropropane
Concen: 18.458 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion: 77 Resp: 87790
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 17.714 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

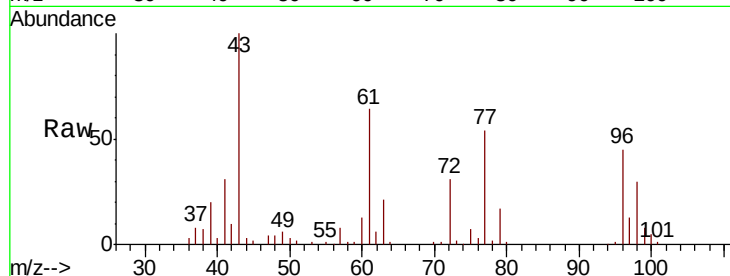
Tot Ion: 96 Resp: 64924

Ion Ratio Lower Upper

96 100

61 140.9 0.0 280.4

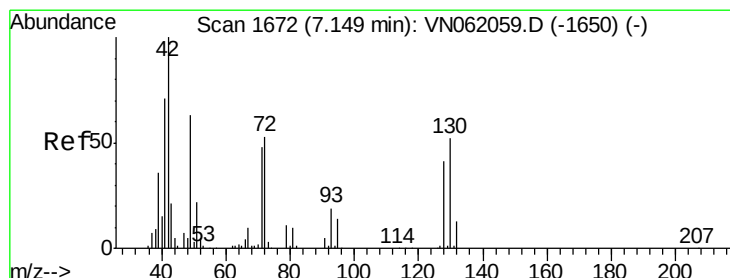
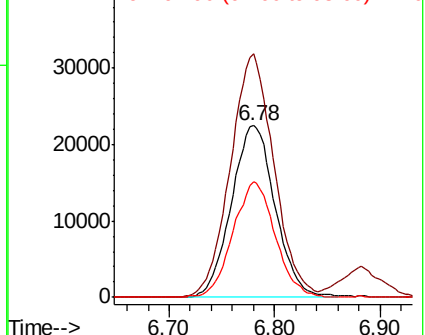
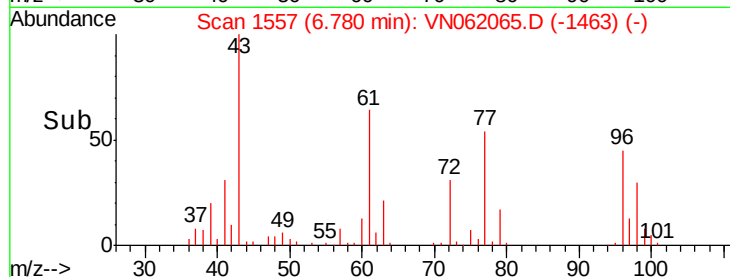
98 64.8 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#28

Bromochloromethane

Concen: 19.428 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

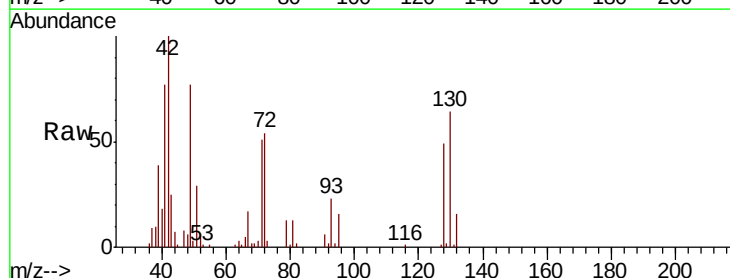
Tgt Ion: 49 Resp: 48110

Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.4

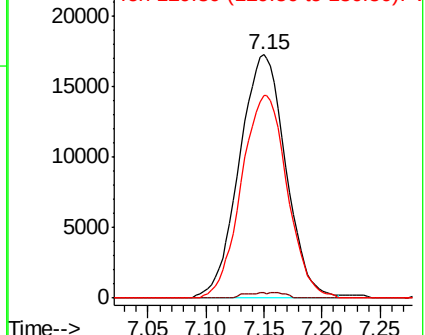
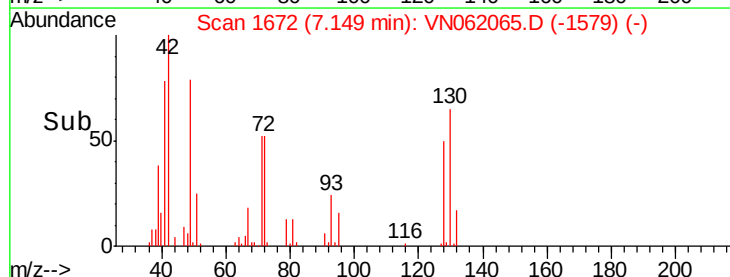
130 82.2 65.5 98.3

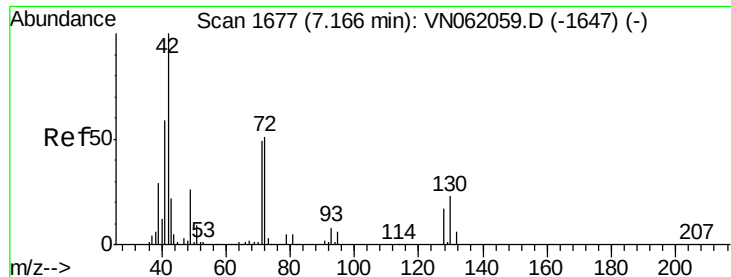


Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)

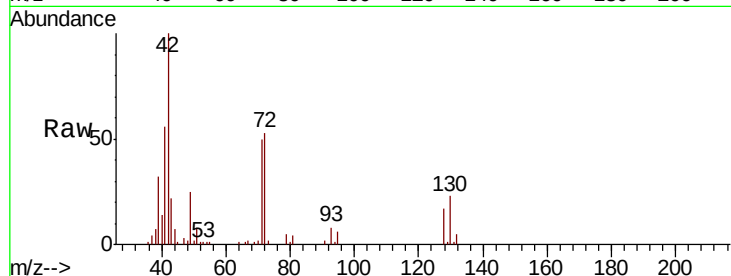




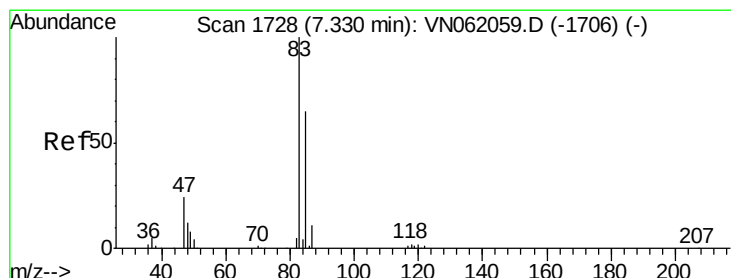
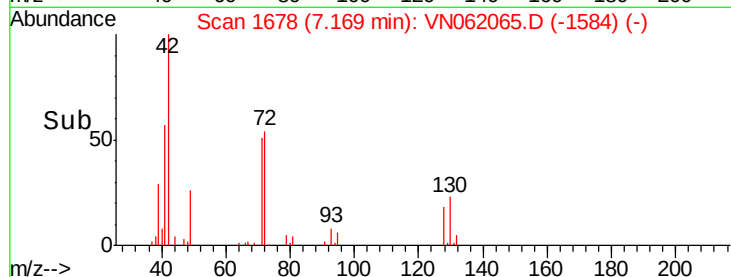
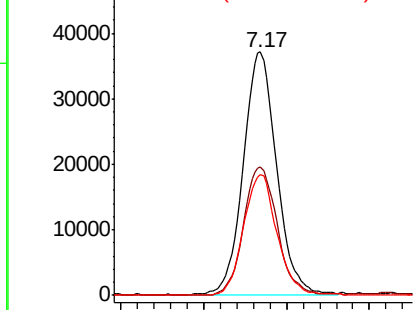
#29
Tetrahydrofuran
Concen: 93.367 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion: 42 Resp: 104460
Ion Ratio Lower Upper
42 100
72 53.0 41.1 61.7
71 49.3 38.2 57.4

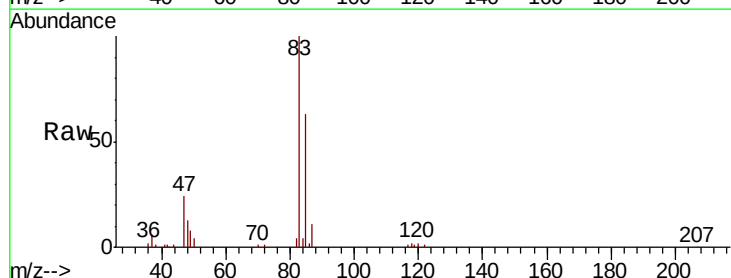


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

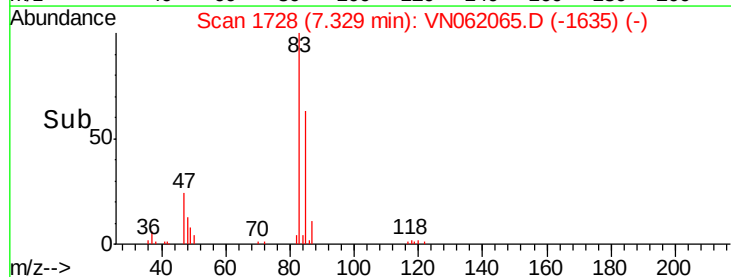
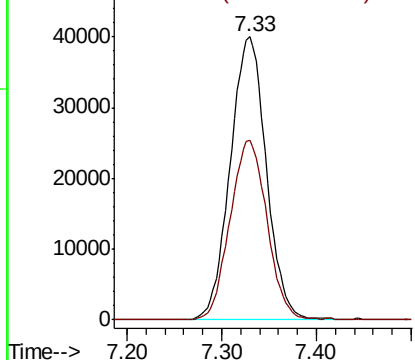


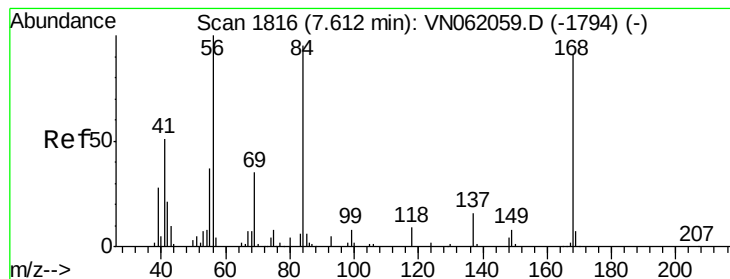
#30
Chloroform
Concen: 18.248 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion: 83 Resp: 105963
Ion Ratio Lower Upper
83 100
85 63.5 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.878 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

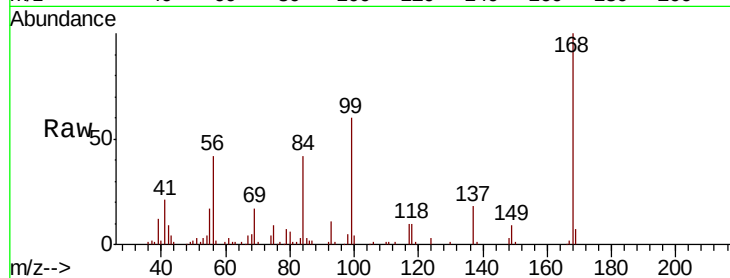
Tot Ion: 56 Resp: 86313

Ion Ratio Lower Upper

56 100

69 40.2 28.0 42.0

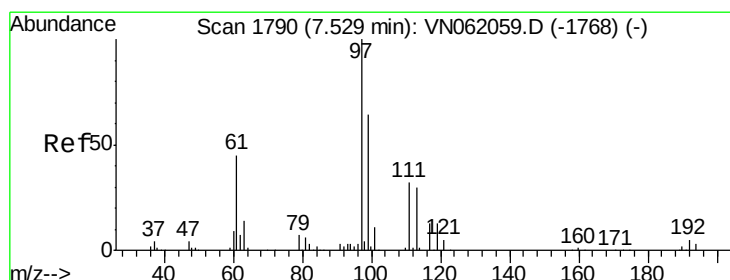
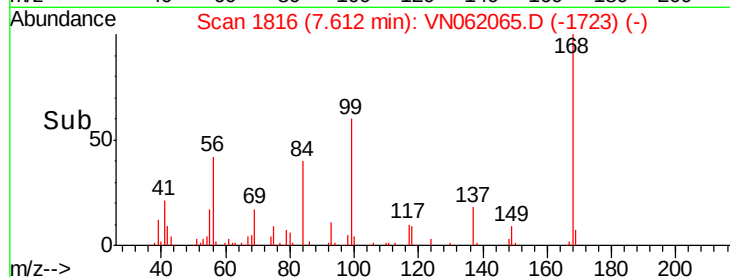
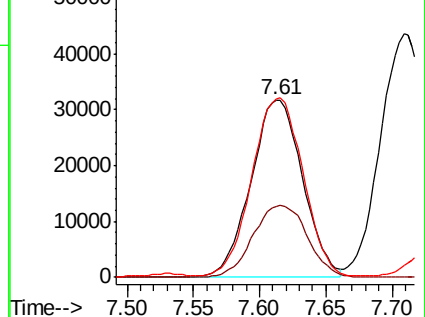
84 99.4 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062065.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062065.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062065.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 18.221 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

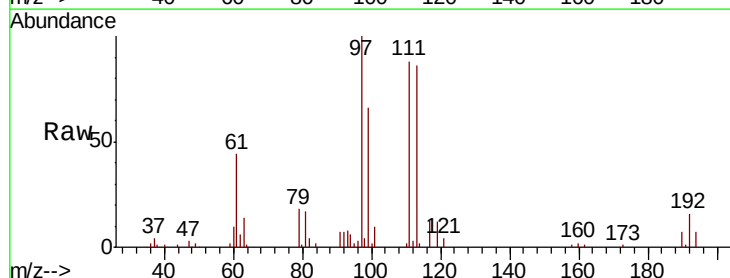
Tgt Ion: 97 Resp: 89231

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

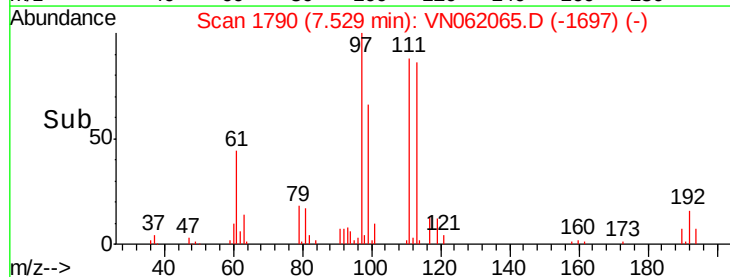
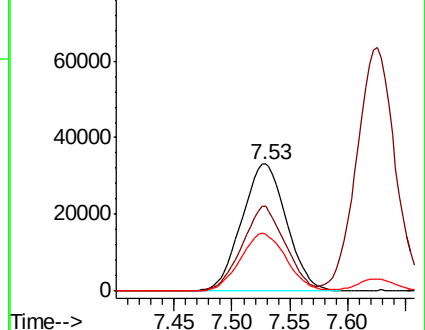
61 46.2 36.2 54.2

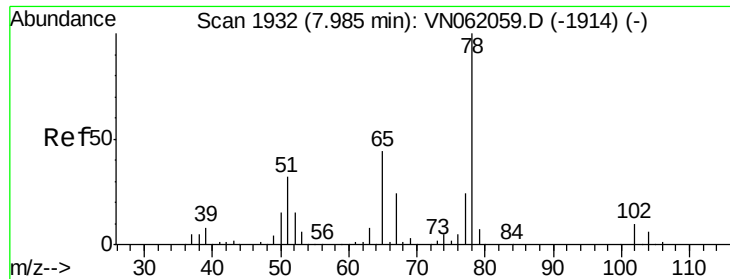


Abundance Ion 96.90 (96.60 to 97.60): VN062065.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062065.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062065.D (-1697) (-)

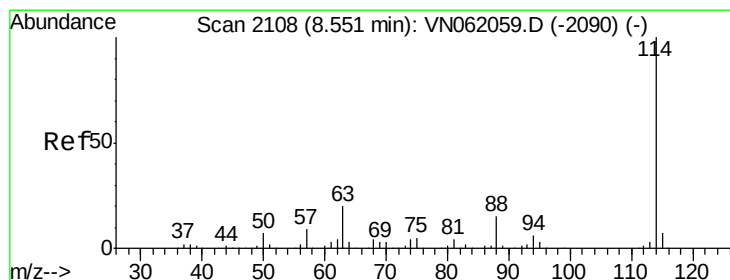
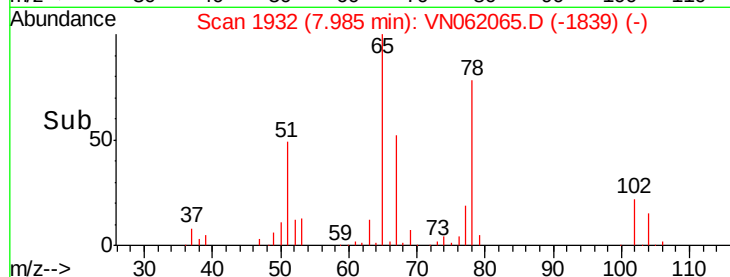
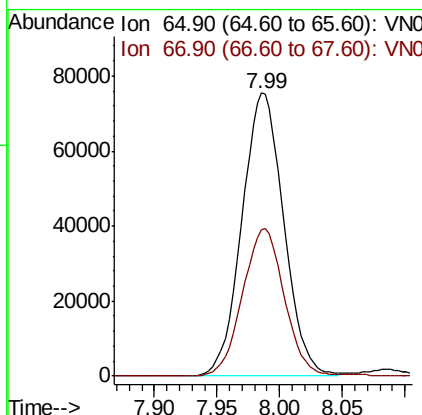
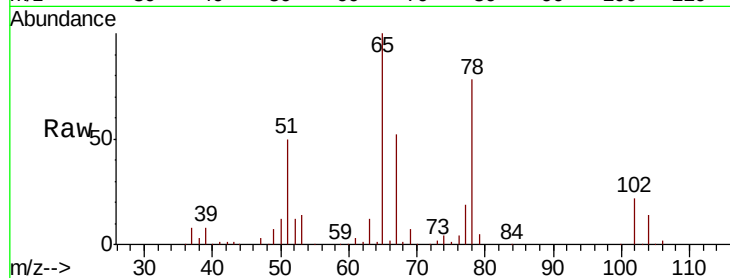




#33
 1,2-Dichloroethane-d4
 Concen: 50.169 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

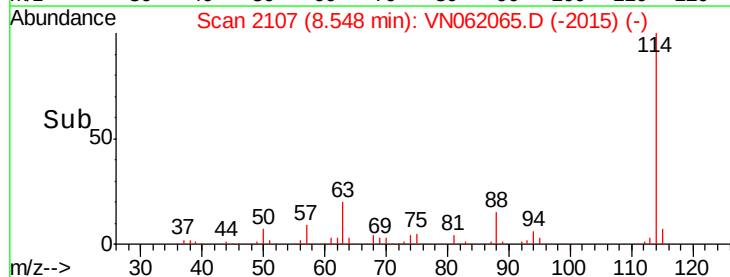
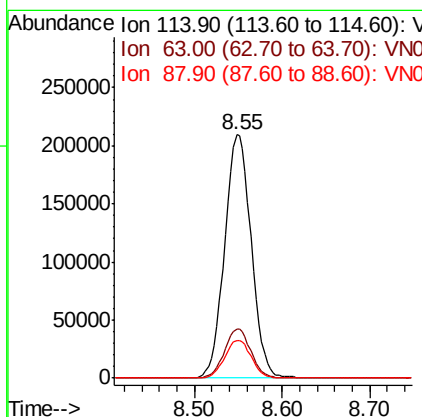
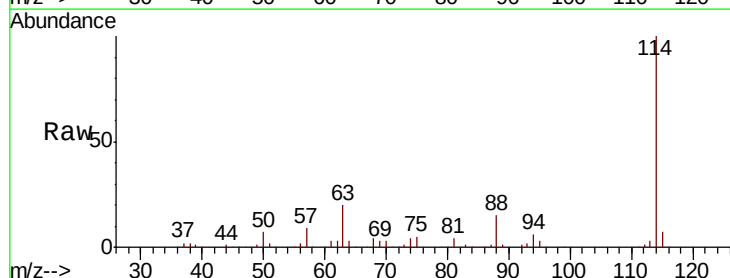
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

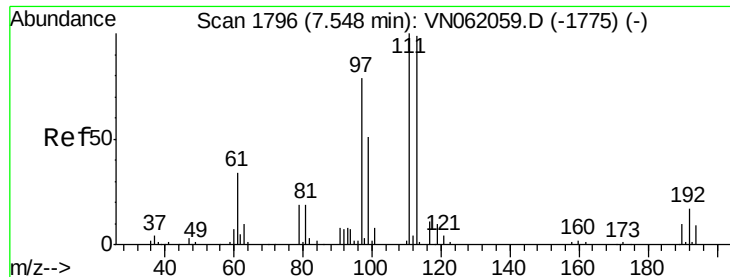
Tot Ion: 65 Resp: 175308
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion: 114 Resp: 442395
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 15.5 0.0 30.8

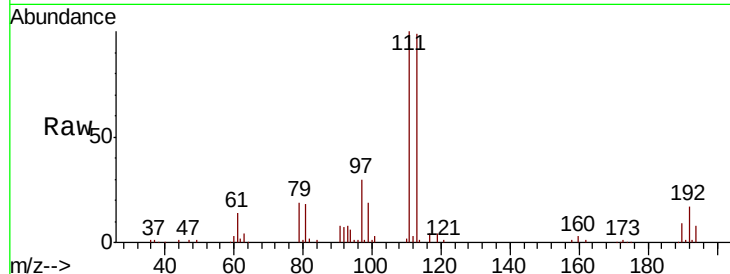




#35
 Dibromofluoromethane
 Concen: 50.326 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	17.6	14.0	21.0

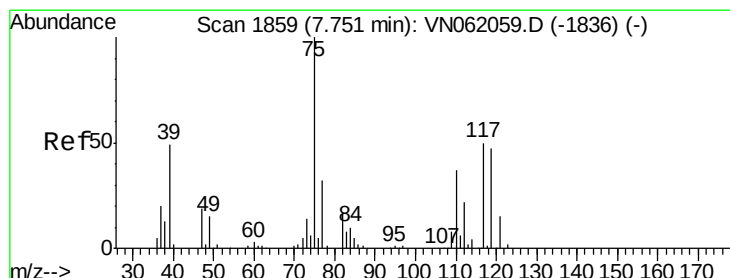
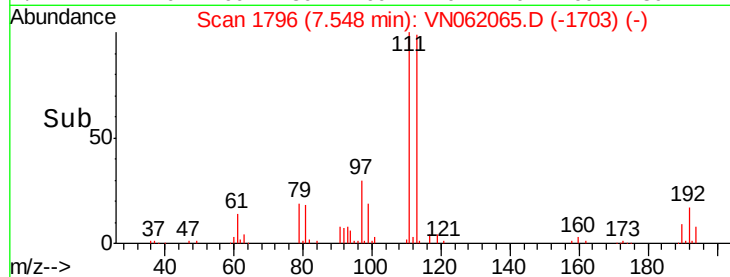
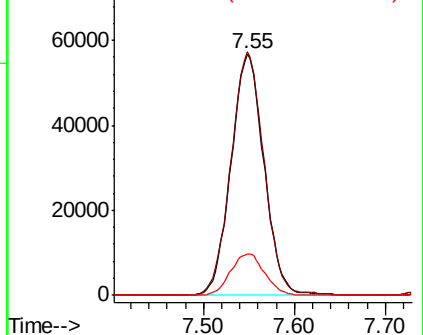


Abundance

Ion 112.80 (112.50 to 113.50): V

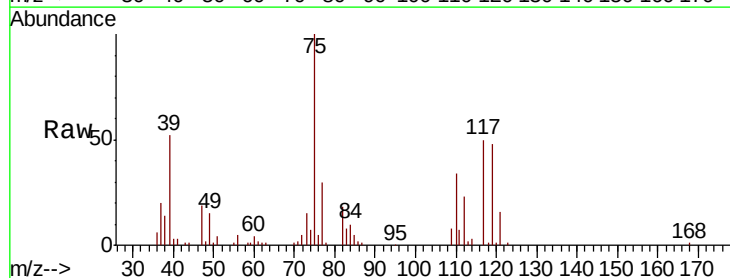
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 17.839 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.9	53.8
77	31.2	24.9	37.3

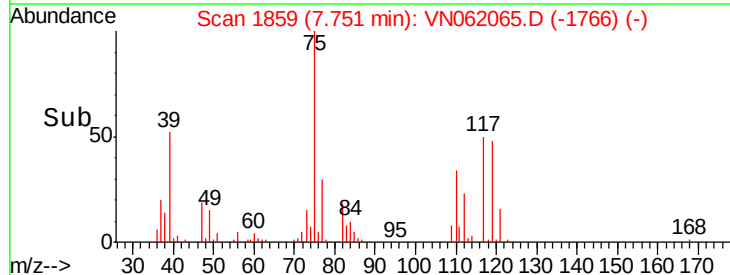
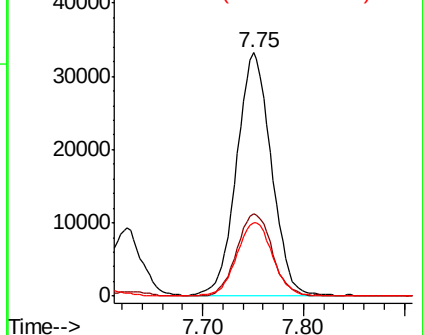


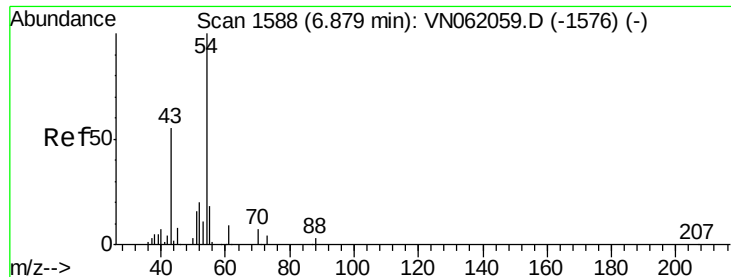
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

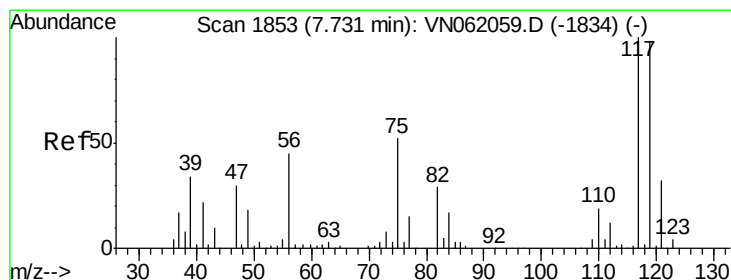
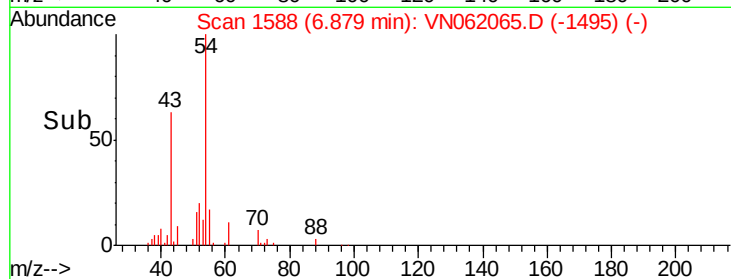
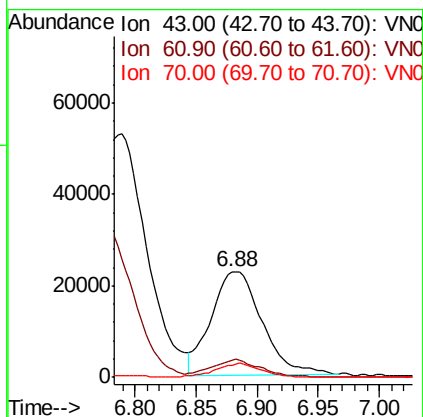
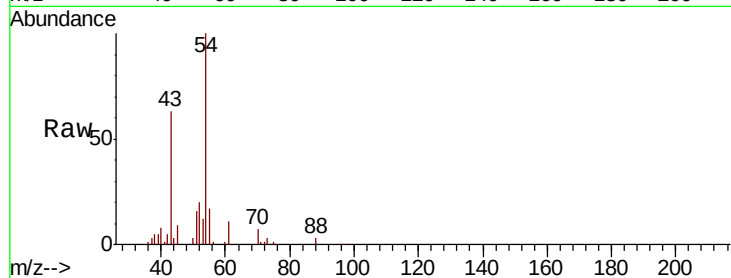




#37
Ethyl Acetate
Concen: 17.886 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

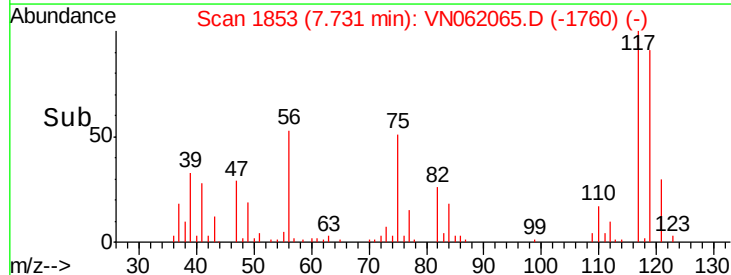
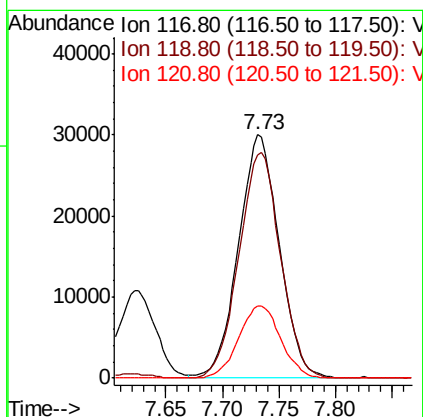
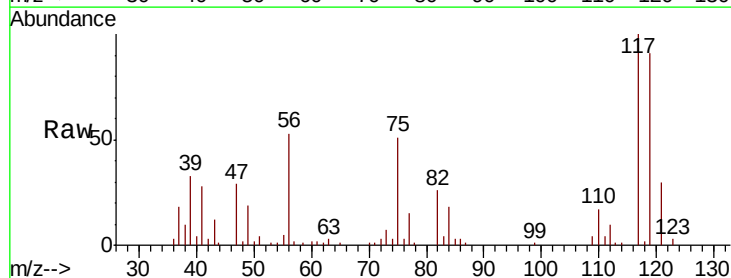
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

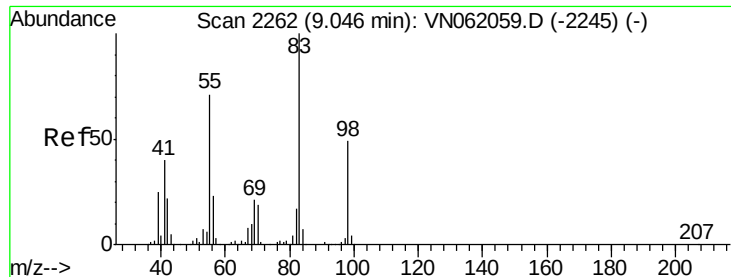
Tot Ion: 43 Resp: 65859
Ion Ratio Lower Upper
43 100
61 16.8 12.0 18.0
70 12.2 9.6 14.4



#38
Carbon Tetrachloride
Concen: 17.992 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion: 117 Resp: 75426
Ion Ratio Lower Upper
117 100
119 91.5 78.2 117.2
121 29.7 25.8 38.6

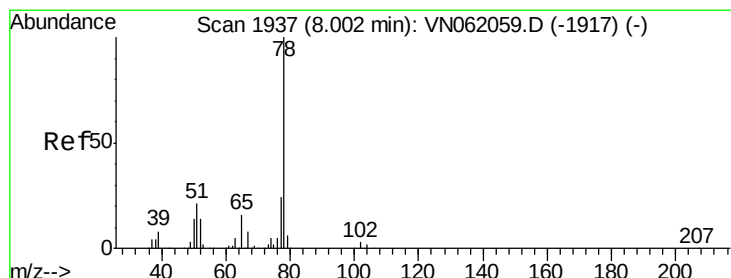
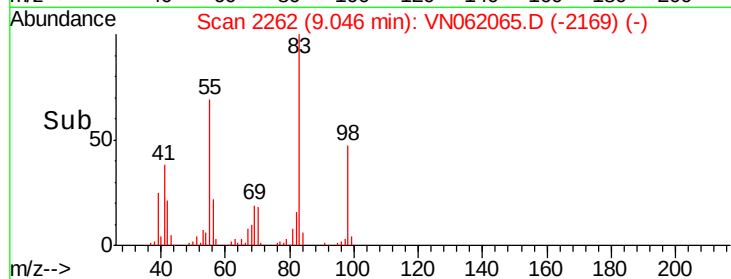
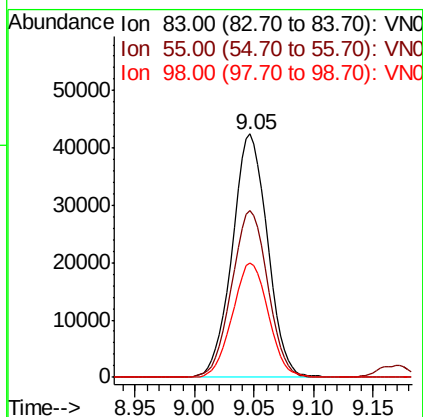
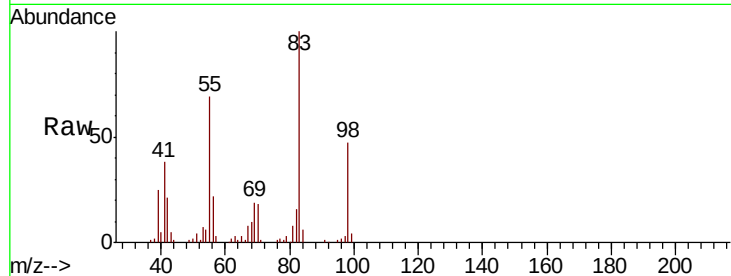




#39
Methylvlcyclohexane
Concen: 17.917 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

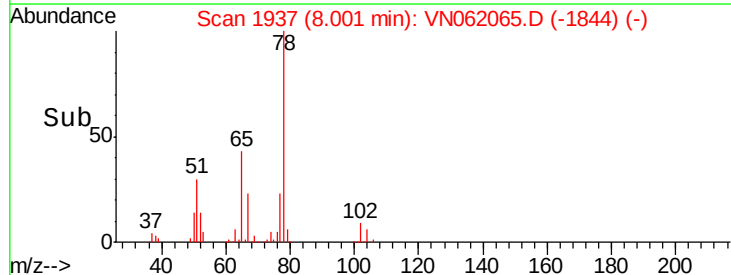
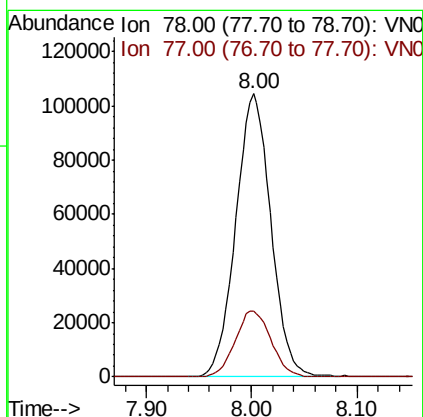
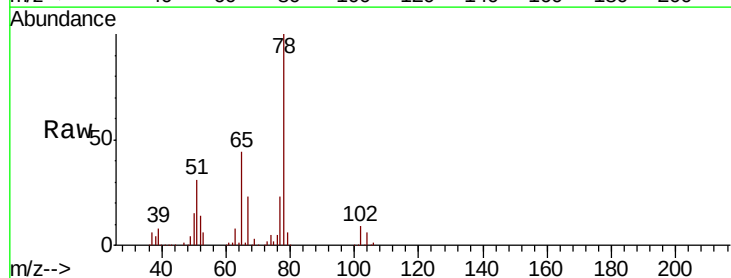
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

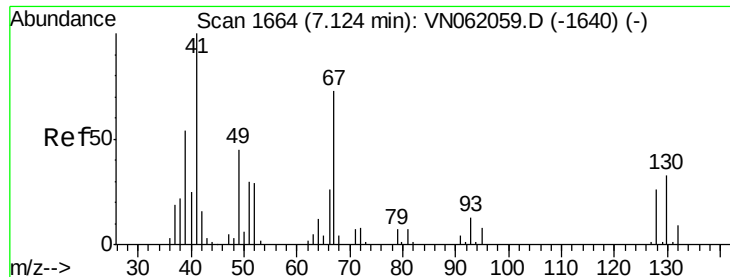
Tot Ion: 83 Resp: 87295
Ion Ratio Lower Upper
83 100
55 68.7 57.0 85.6
98 47.0 39.0 58.6



#40
Benzene
Concen: 17.831 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion: 78 Resp: 241667
Ion Ratio Lower Upper
78 100
77 23.4 19.5 29.3

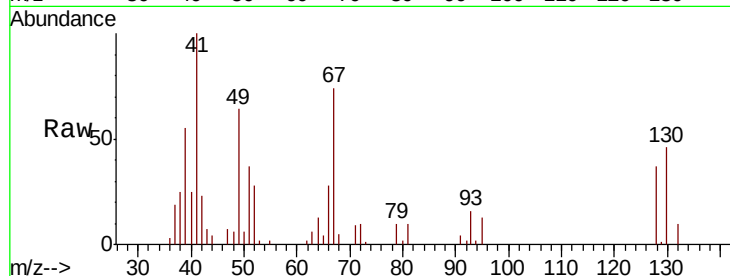




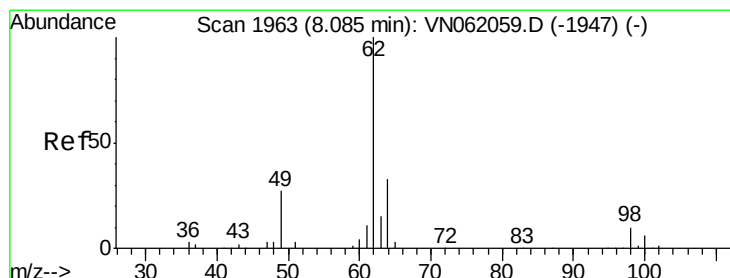
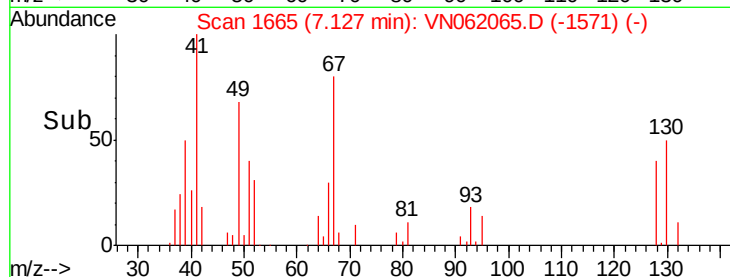
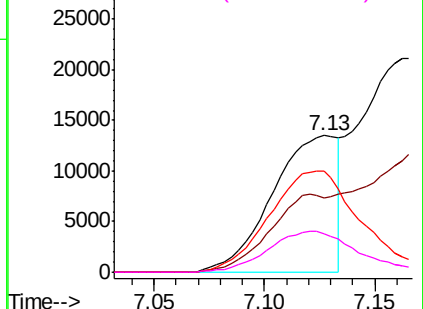
#41
Methacrylonitrile
Concen: 16.296 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion:	41	Resp:	27819
Ion	Ratio	Lower	Upper
41	100		
39	47.0	44.2	66.2
67	103.6	79.5	119.3
52	41.8	32.3	48.5

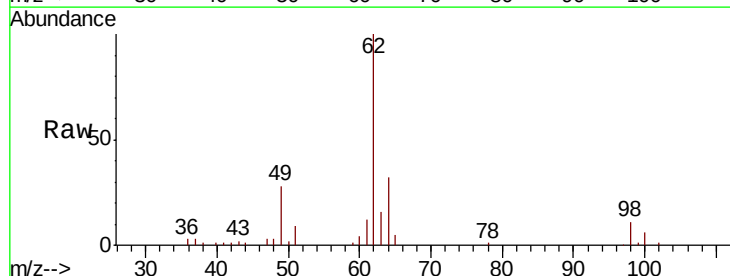


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

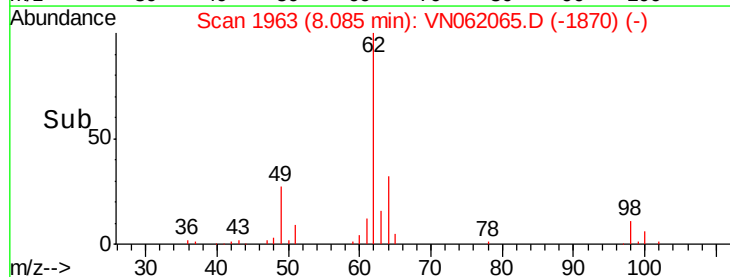
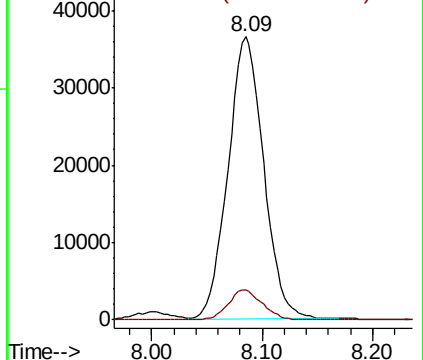


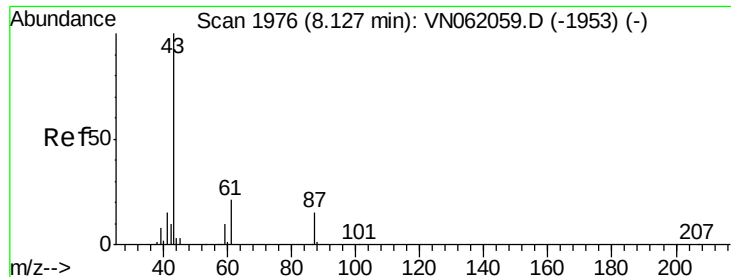
#42
1,2-Dichloroethane
Concen: 17.860 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion:	62	Resp:	81783
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.065 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

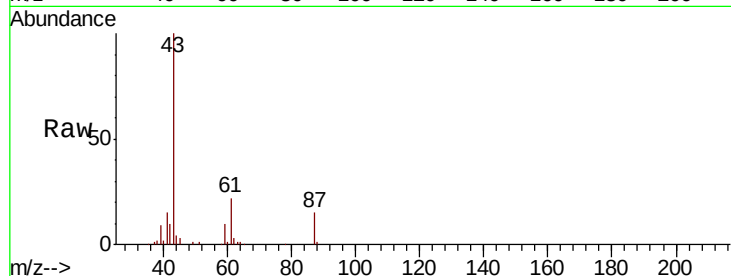
Tot Ion: 43 Resp: 108432

Ion Ratio Lower Upper

43 100

61 21.6 17.2 25.8

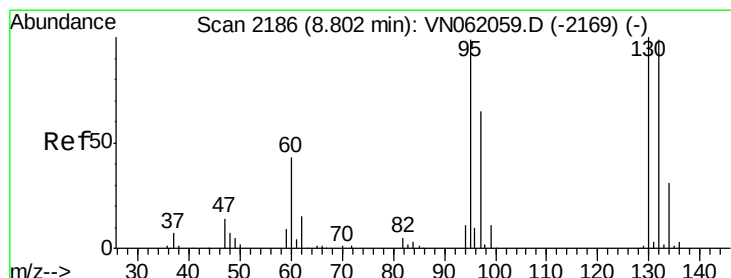
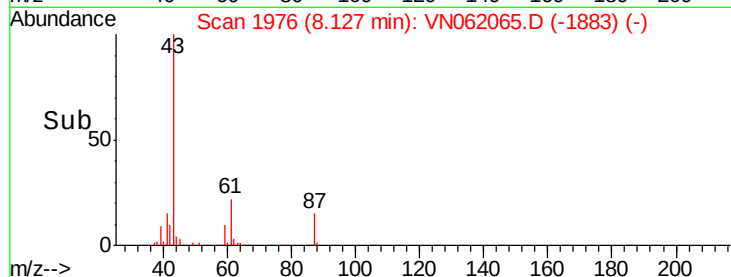
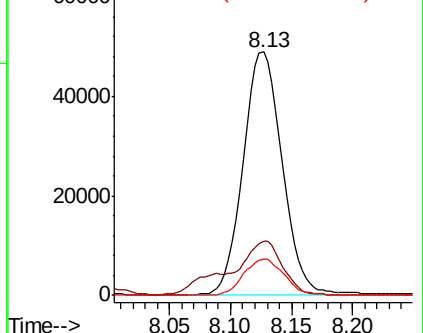
87 15.3 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 17.713 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062065.D

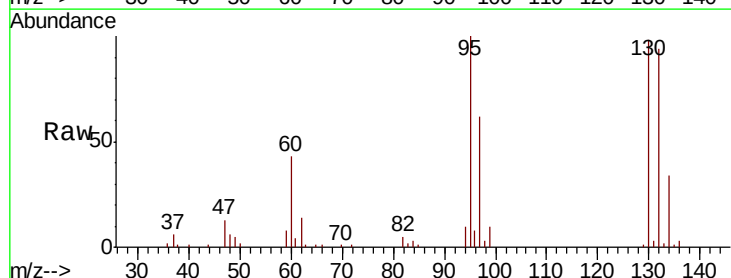
Acq: 24 Jun 2020 16:09

Tgt Ion:130 Resp: 60560

Ion Ratio Lower Upper

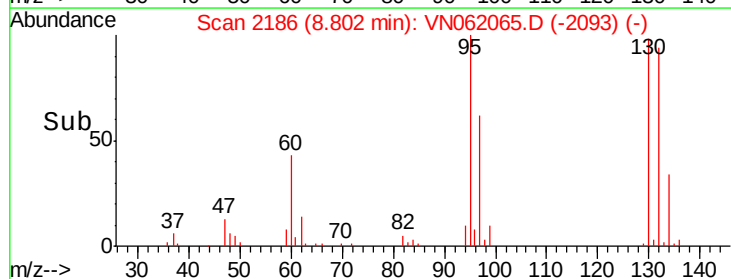
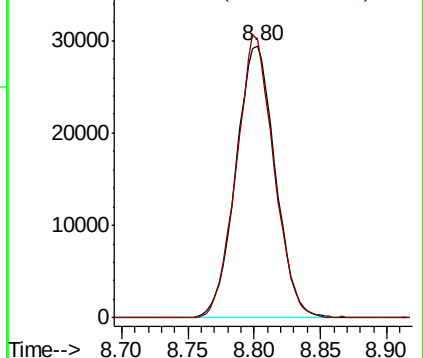
130 100

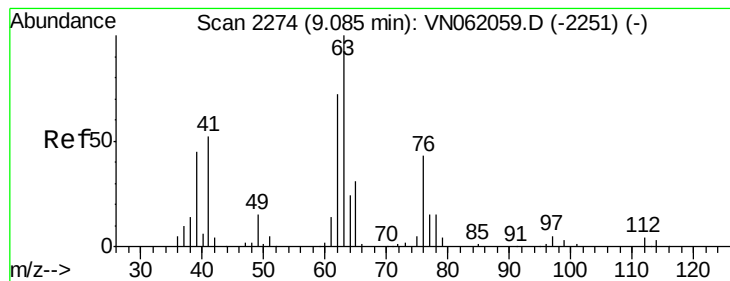
95 102.3 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 18.303 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

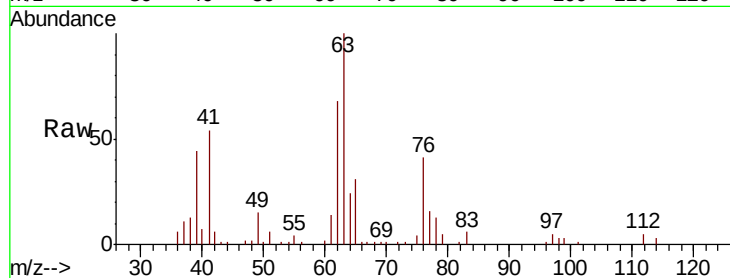
VN0624WBS01

Tot Ion: 63 Resp: 61200

Ion Ratio Lower Upper

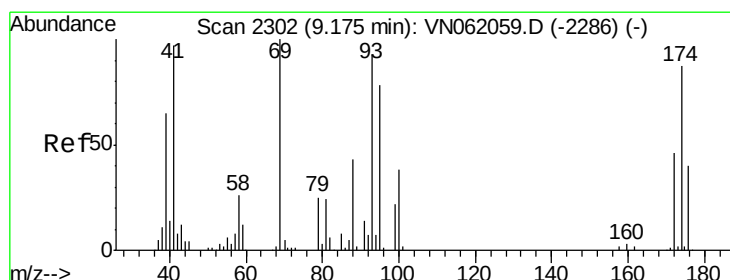
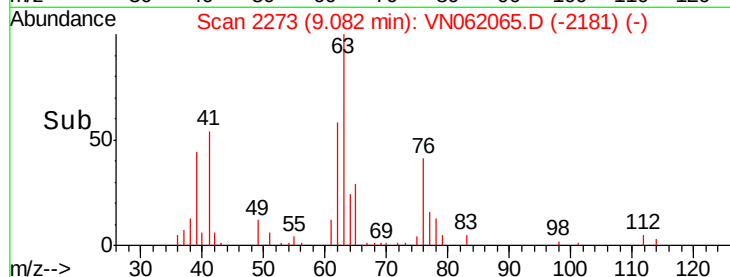
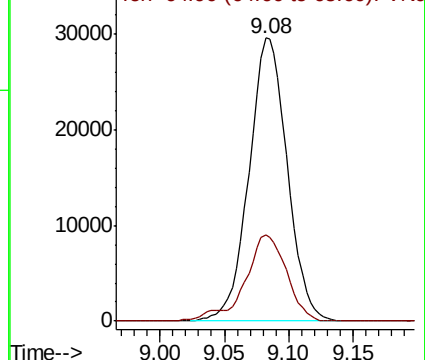
63 100

65 30.5 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-2251) (-)

Ion 64.90 (64.60 to 65.60): VN062059.D (-2251) (-)



#46

Dibromomethane

Concen: 18.077 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

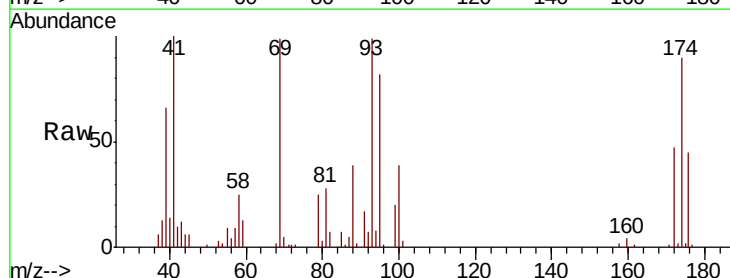
Tgt Ion: 93 Resp: 40982

Ion Ratio Lower Upper

93 100

95 83.8 67.0 100.6

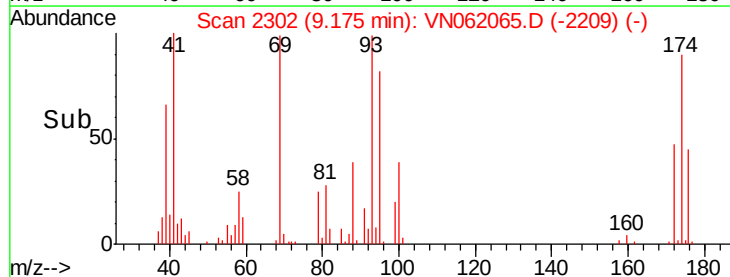
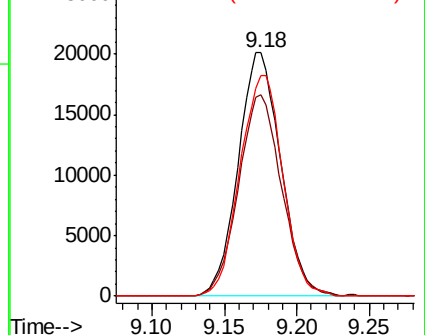
174 91.3 74.4 111.6

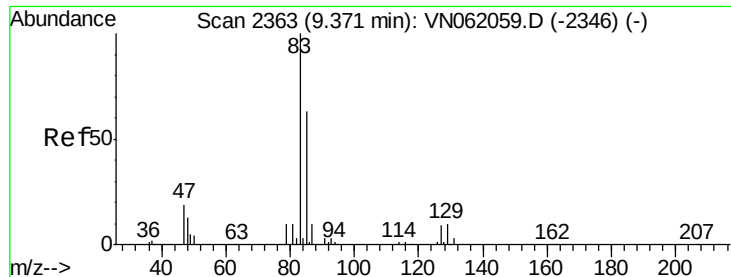


Abundance Ion 92.80 (92.50 to 93.50): VN062059.D (-2286) (-)

Ion 94.80 (94.50 to 95.50): VN062059.D (-2286) (-)

Ion 173.70 (173.40 to 174.40): VN062059.D (-2286) (-)





#47

Bromodichloromethane

Concen: 17.964 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

VN0624WBS01

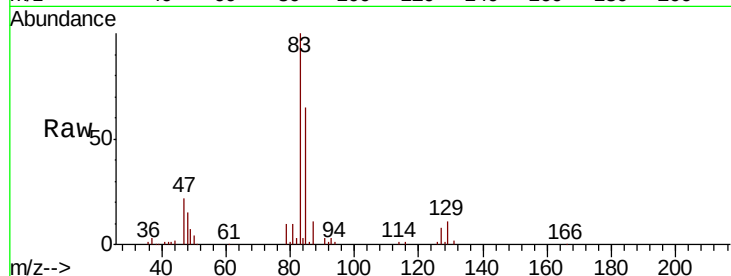
Tot Ion: 83 Resp: 82228

Ion Ratio Lower Upper

83 100

85 64.7 50.3 75.5

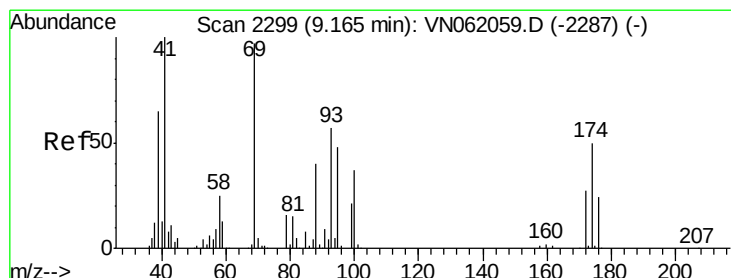
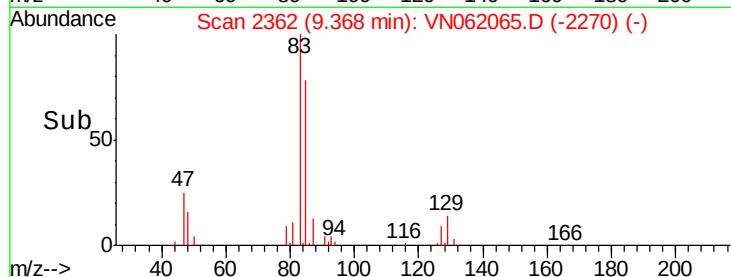
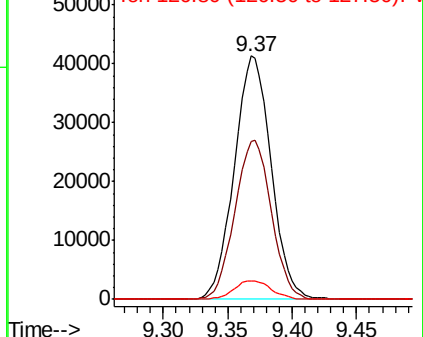
127 7.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062065.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062065.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062065.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.727 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

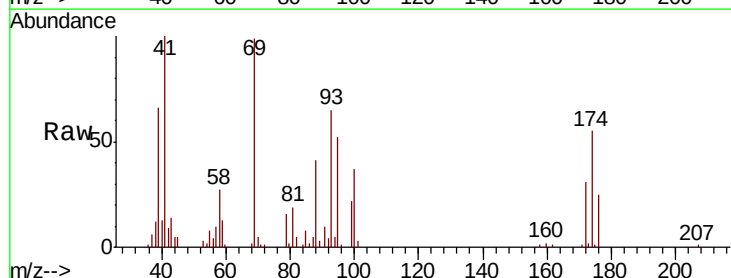
Tgt Ion: 41 Resp: 47710

Ion Ratio Lower Upper

41 100

69 100.2 80.7 121.1

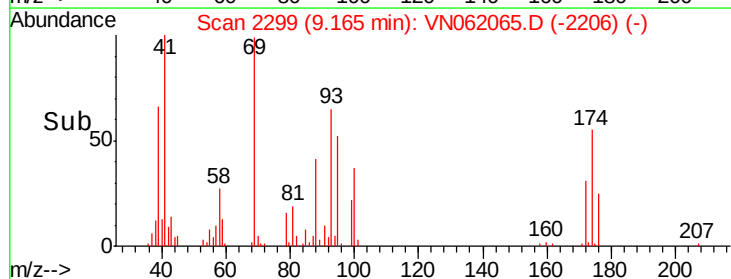
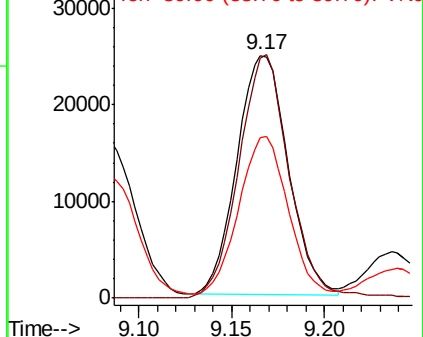
39 66.5 54.5 81.7

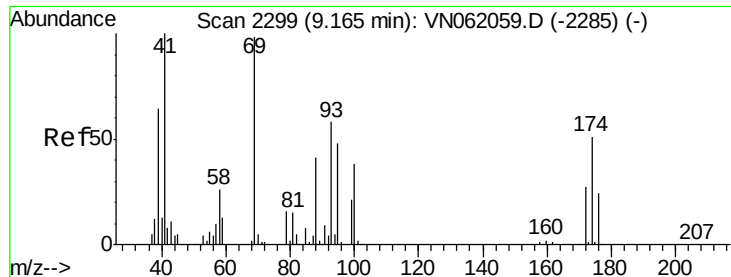


Abundance Ion 41.00 (40.70 to 41.70): VN062065.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062065.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062065.D (-2206) (-)

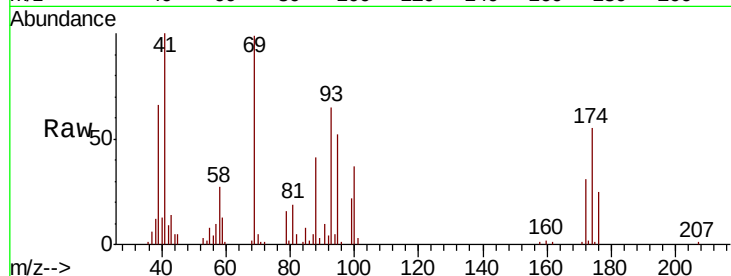




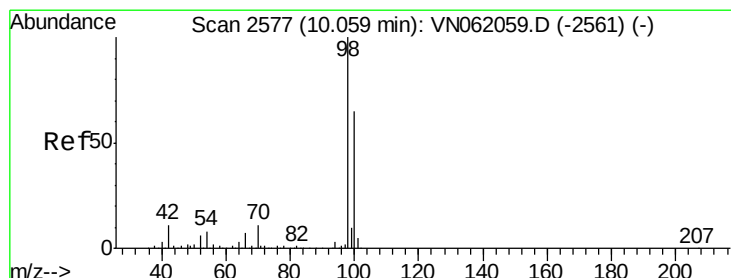
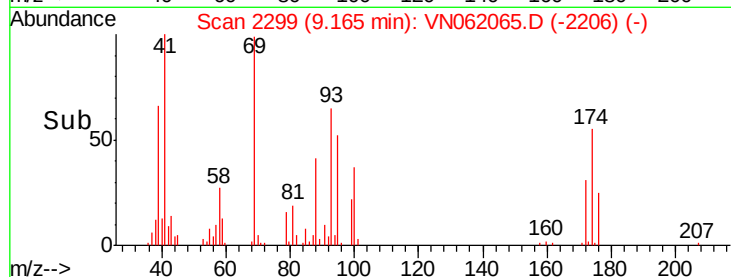
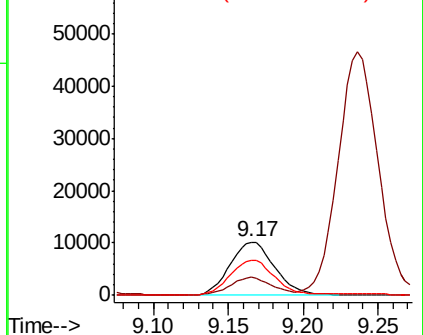
#49
 1,4-Dioxane
 Concen: 356.797 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion: 88 Resp: 21295
 Ion Ratio Lower Upper
 88 100
 43 31.5 22.0 33.0
 58 65.1 49.2 73.8

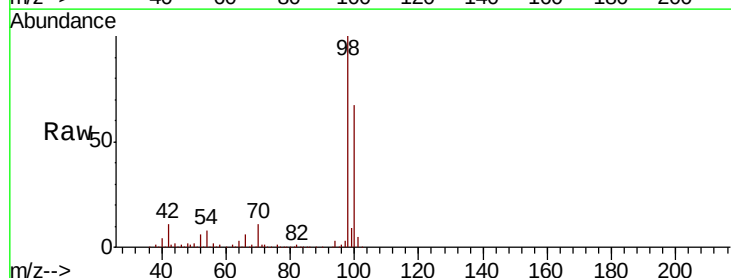


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

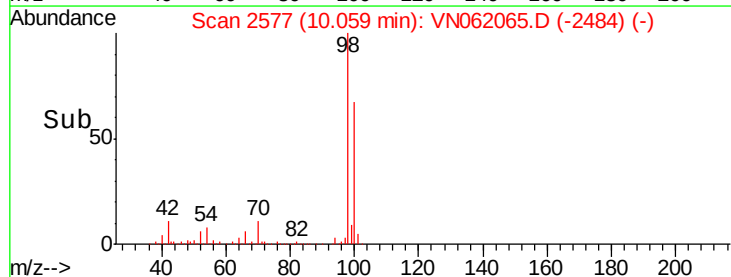
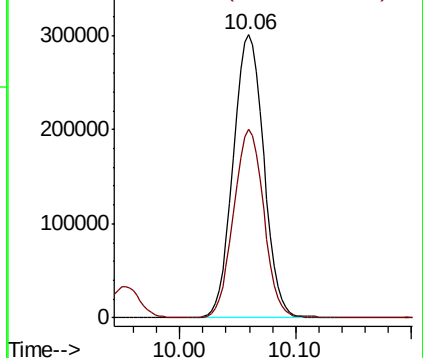


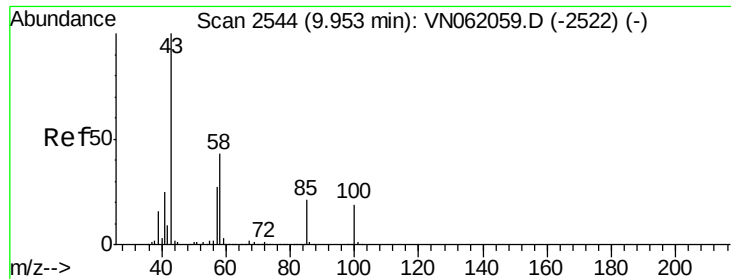
#50
 Toluene-d8
 Concen: 48.592 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion: 98 Resp: 551284
 Ion Ratio Lower Upper
 98 100
 100 65.6 51.2 76.8



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

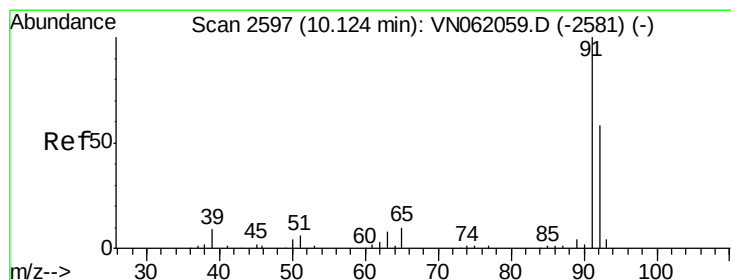
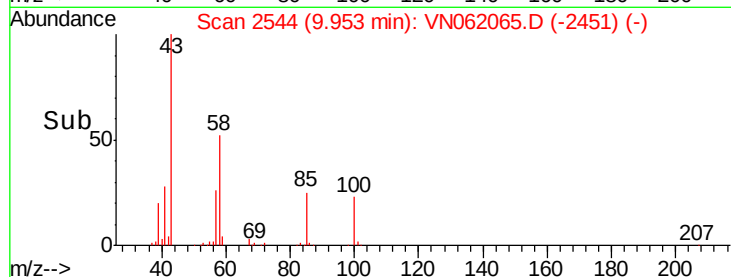
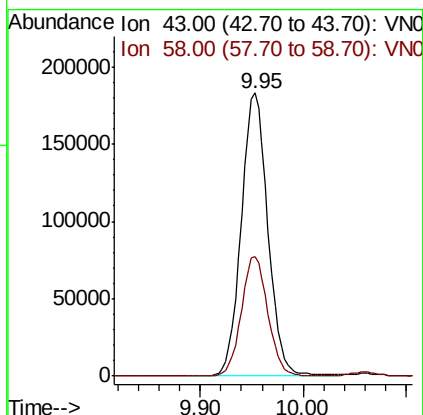
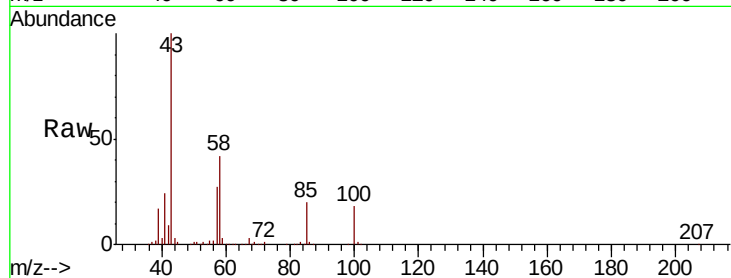




#51
 4-Methyl-2-Pentanone
 Concen: 93.817 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

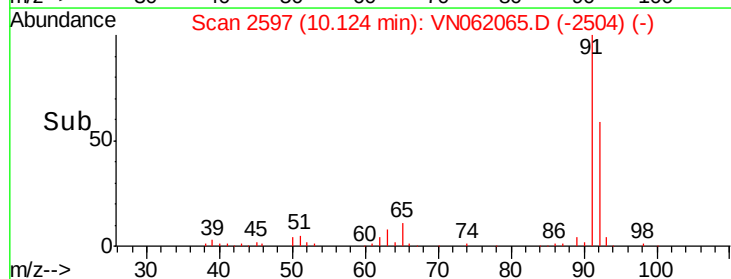
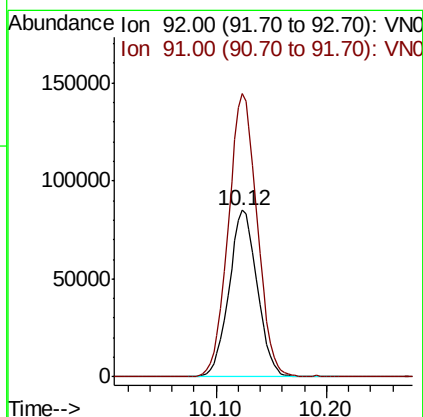
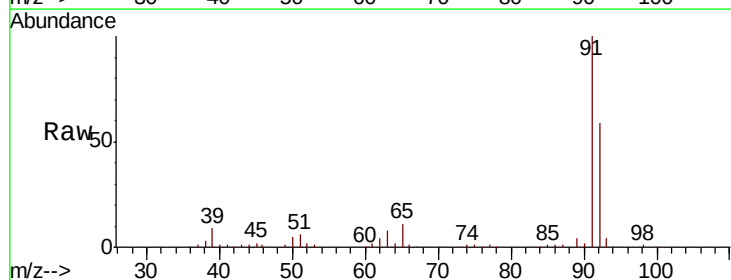
Instrument :
 MSVOA_N
 ClientSampled :
 VN0624WBS01

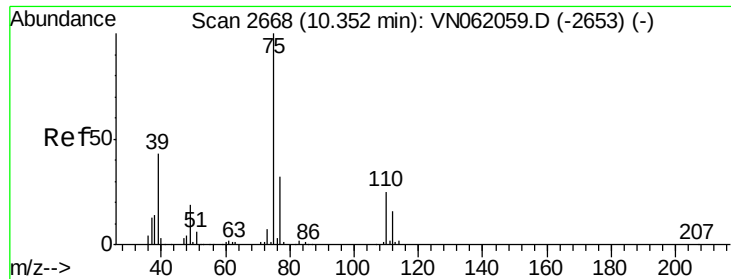
Tot Ion: 43 Resp: 329014
 Ion Ratio Lower Upper
 43 100
 58 42.1 34.2 51.2



#52
 Toluene
 Concen: 18.297 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion: 92 Resp: 151313
 Ion Ratio Lower Upper
 92 100
 91 172.3 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 17.731 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

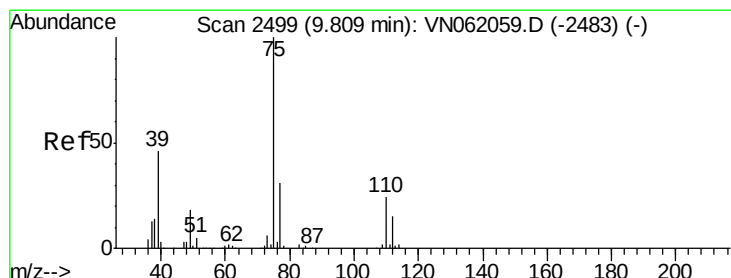
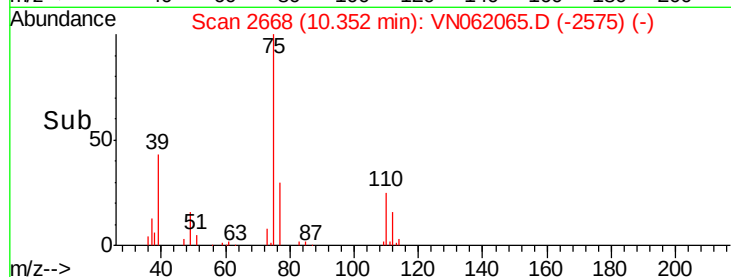
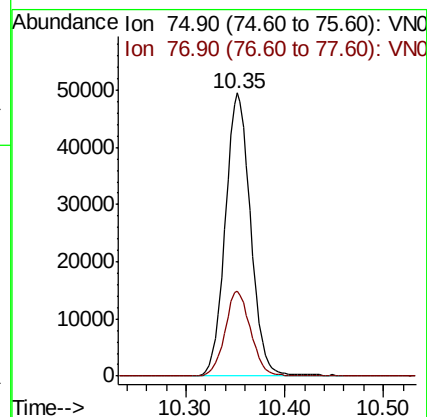
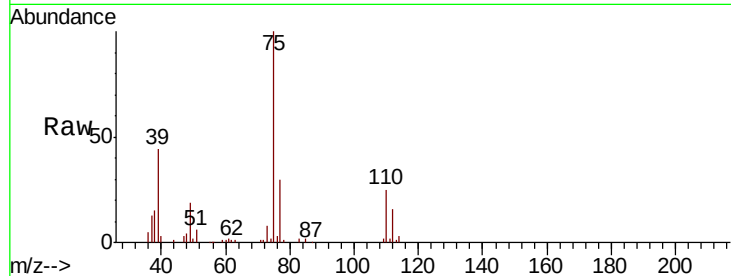
VN0624WBS01

Tot Ion: 75 Resp: 89296

Ion Ratio Lower Upper

75 100

77 30.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.342 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

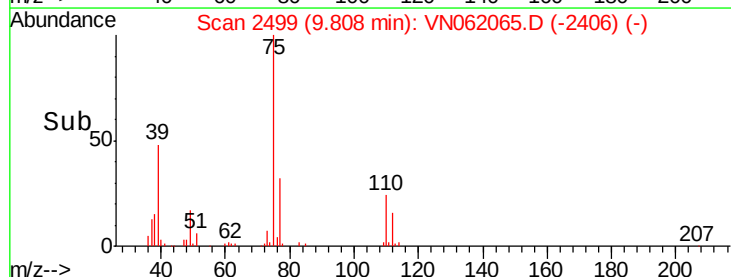
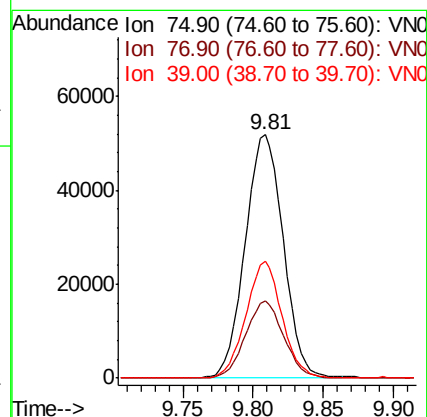
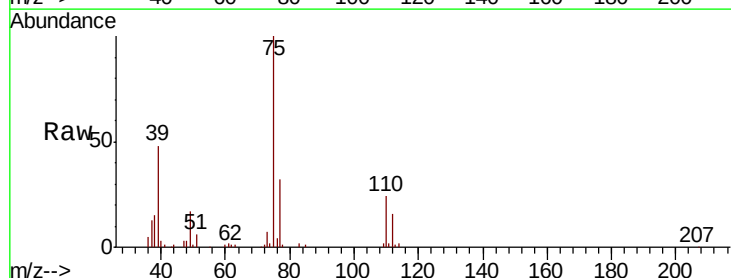
Tgt Ion: 75 Resp: 98344

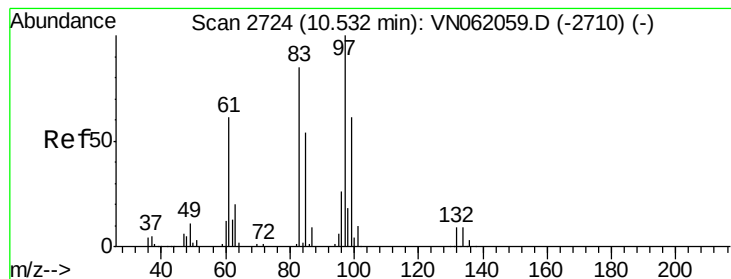
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

39 48.0 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 18.496 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

VN0624WBS01

Tot Ion: 97 Resp: 60127

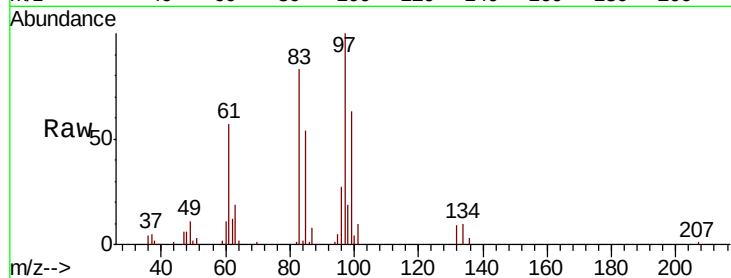
Ion Ratio Lower Upper

97 100

83 83.4 68.2 102.2

85 54.1 43.2 64.8

99 63.2 48.5 72.7



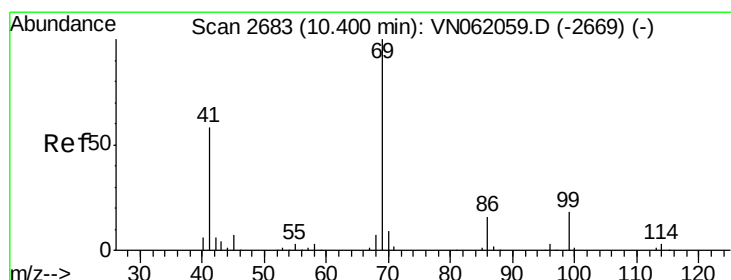
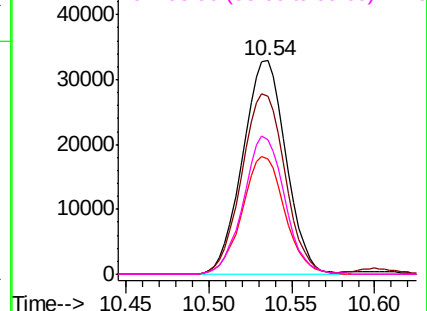
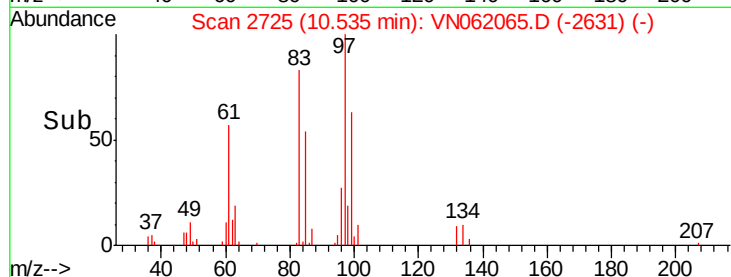
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.307 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

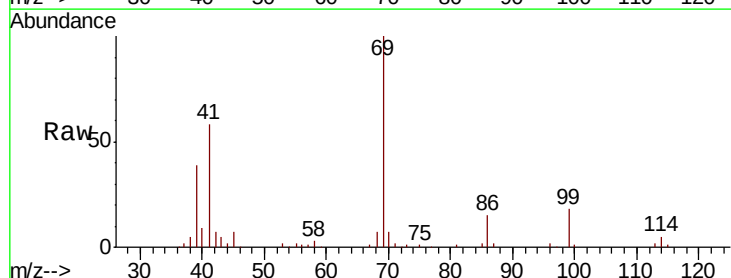
Tgt Ion: 69 Resp: 79418

Ion Ratio Lower Upper

69 100

41 59.0 46.6 70.0

39 37.9 31.0 46.4

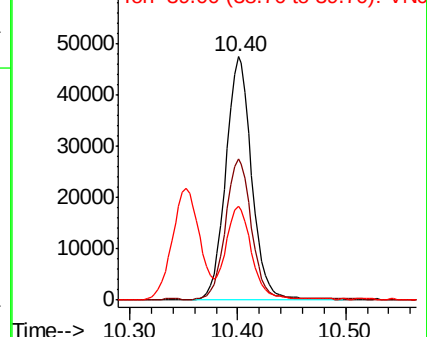
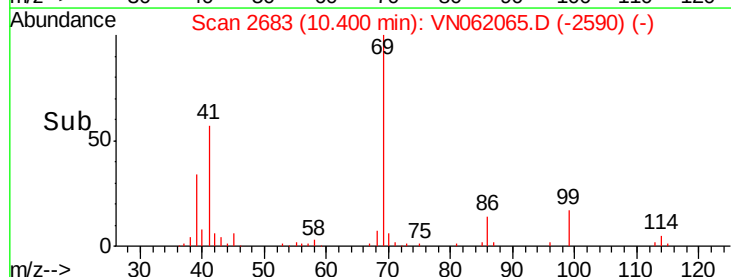


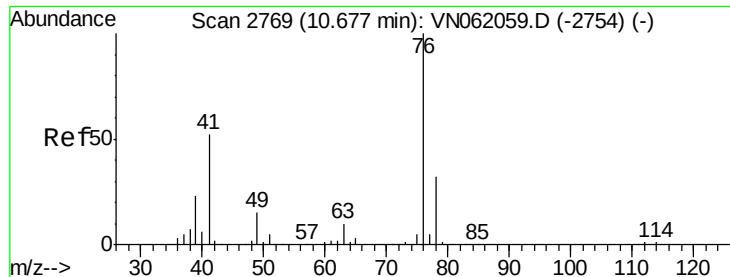
Abundance

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

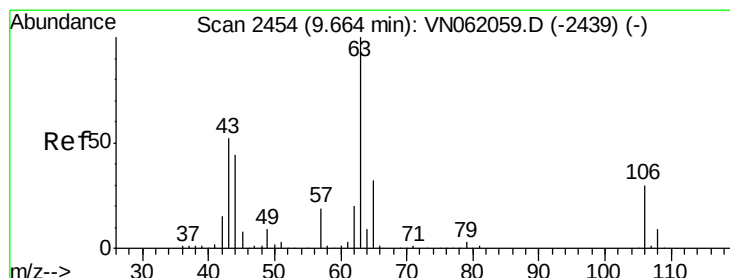
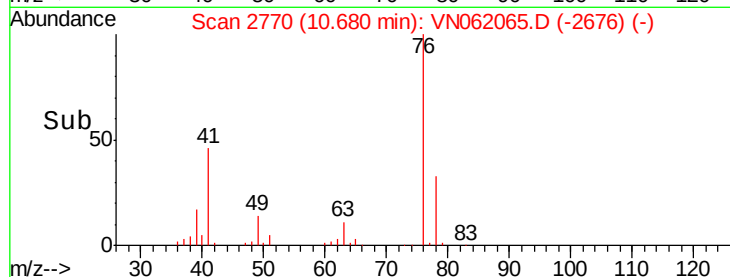
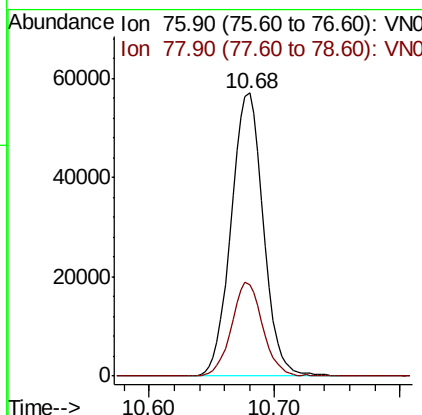
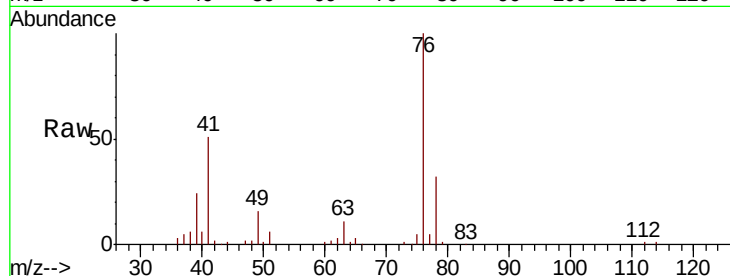




#57
 1,3-Dichloropropane
 Concen: 18.200 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

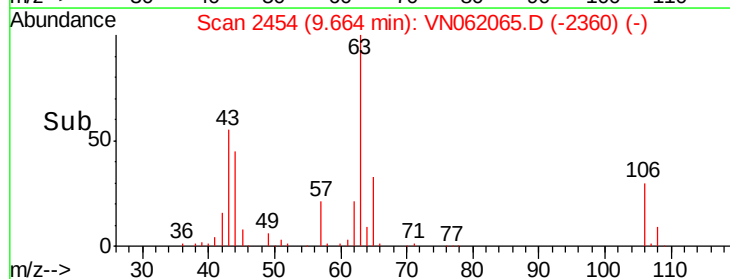
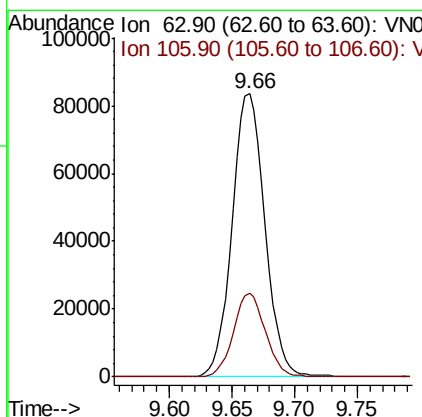
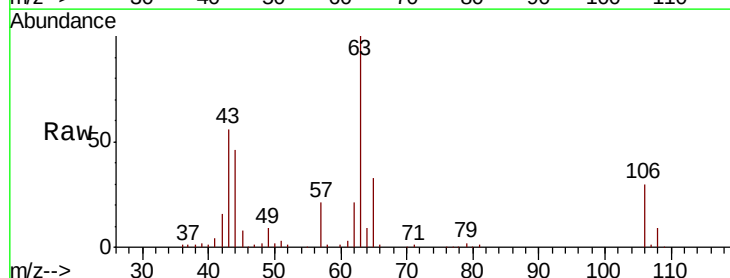
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

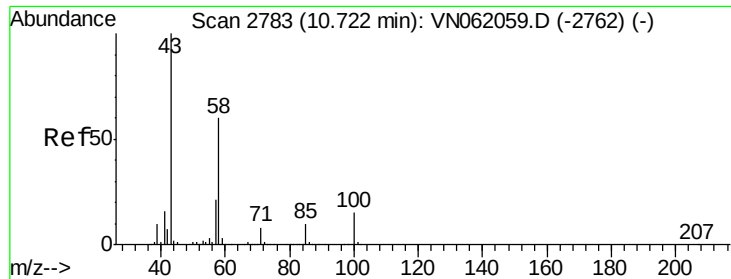
Tot Ion: 76 Resp: 101837
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.958 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion: 63 Resp: 151727
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.2 34.8





#59

2-Hexanone

Concen: 93.204 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

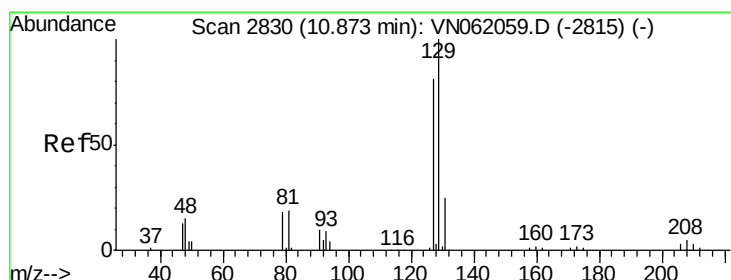
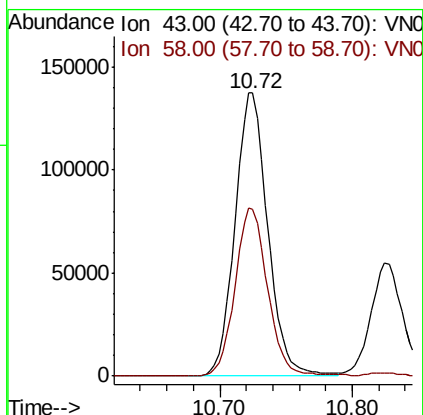
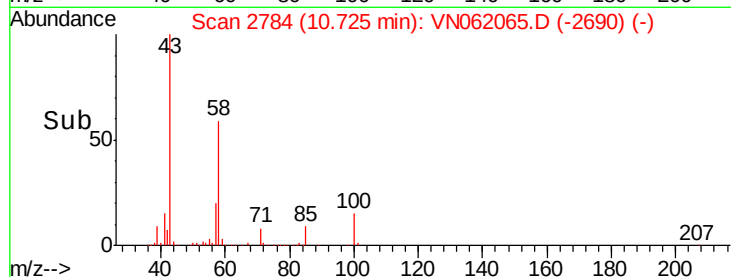
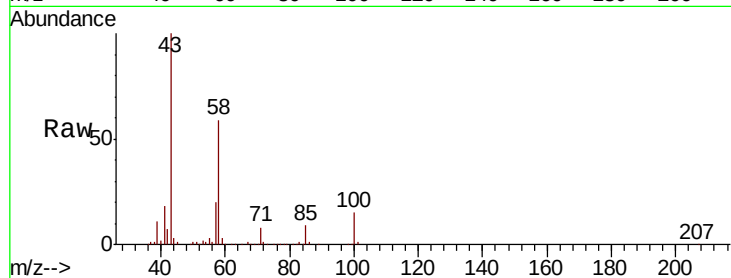
VN0624WBS01

Tot Ion: 43 Resp: 236029

Ion Ratio Lower Upper

43 100

58 59.0 29.5 88.5



#60

Dibromochloromethane

Concen: 17.947 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN062065.D

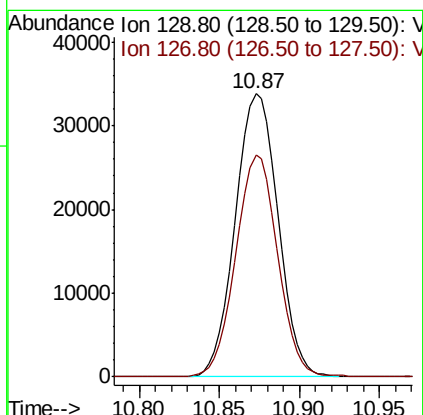
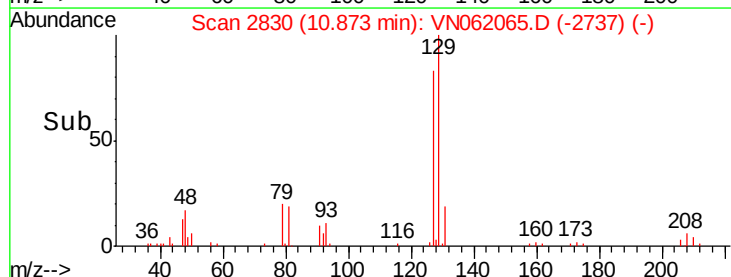
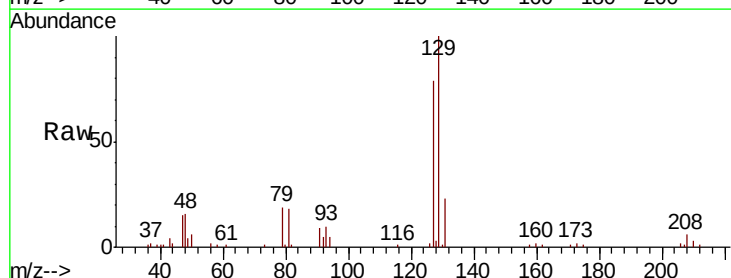
Acq: 24 Jun 2020 16:09

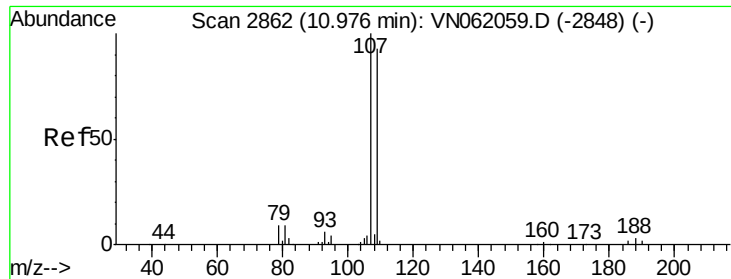
Tgt Ion: 129 Resp: 61768

Ion Ratio Lower Upper

129 100

127 76.7 39.5 118.5

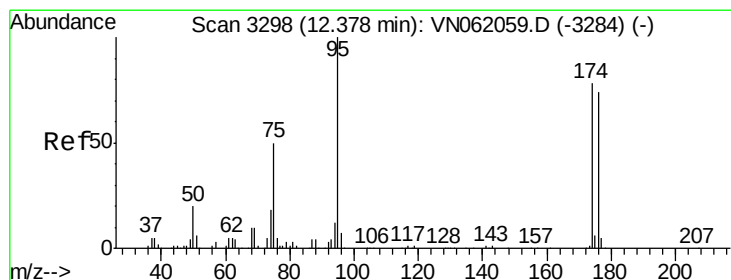
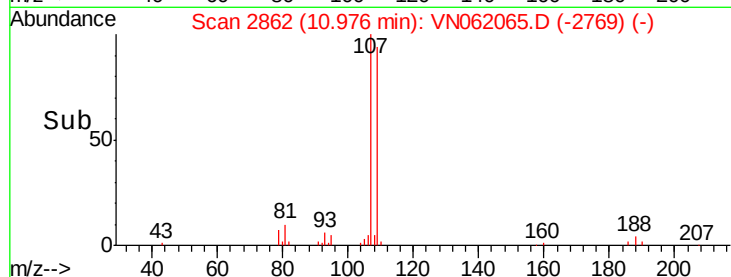
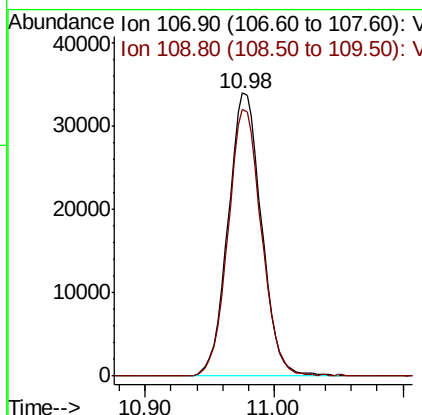
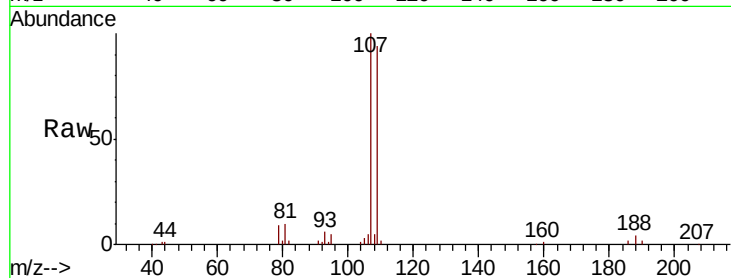




#61
 1,2-Dibromoethane
 Concen: 18.248 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

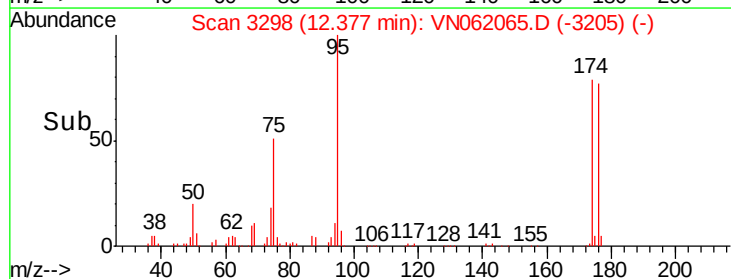
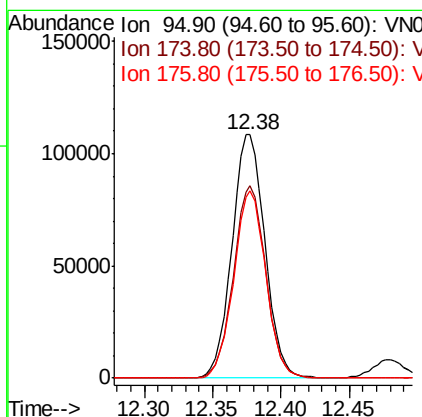
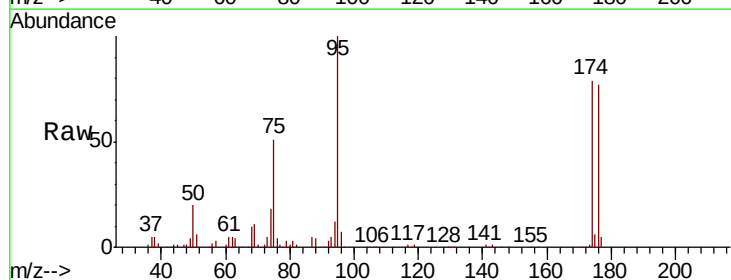
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

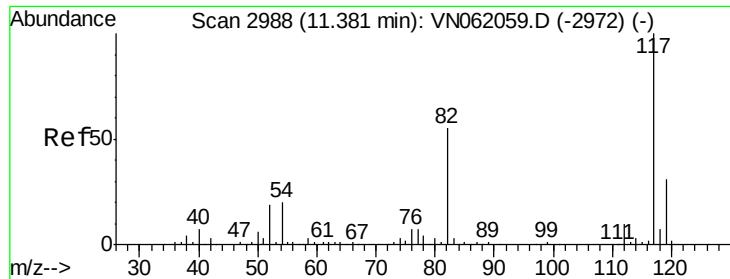
Tot Ion:107 Resp: 60952
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.455 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion: 95 Resp: 181896
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 154.8
 176 74.9 0.0 147.4

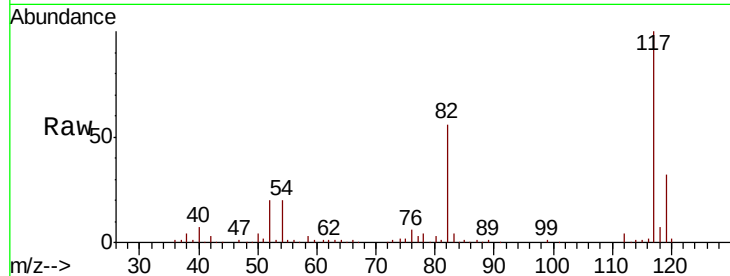




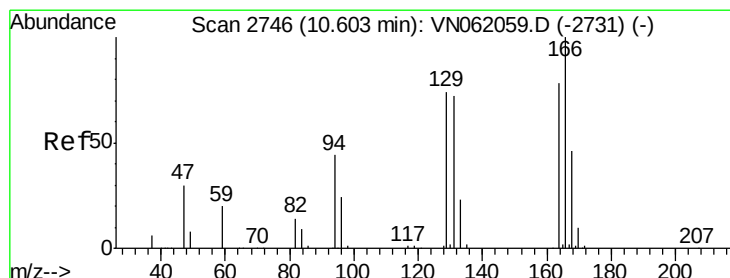
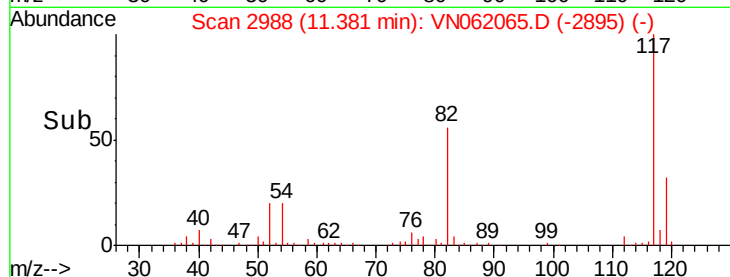
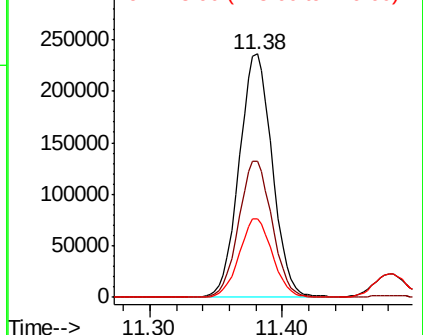
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

Tot Ion:117 Resp: 409547
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 32.2 25.2 37.8

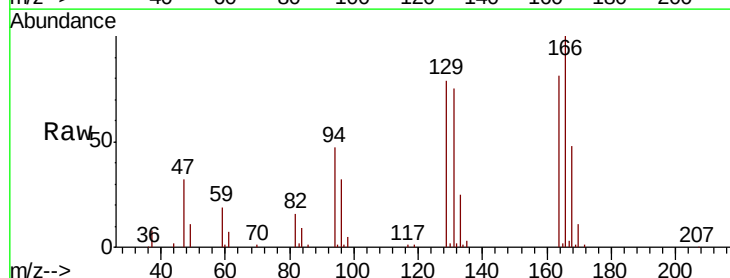


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

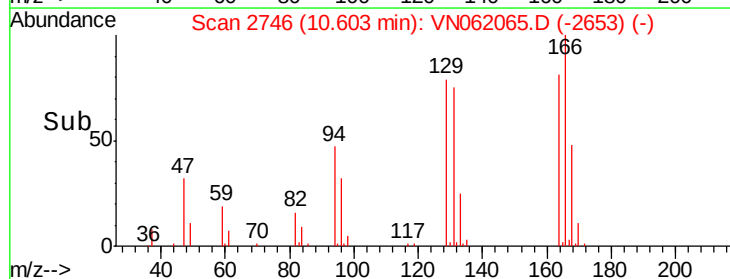
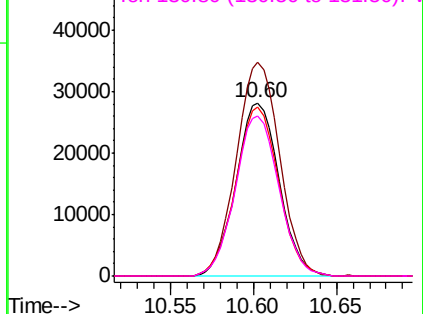


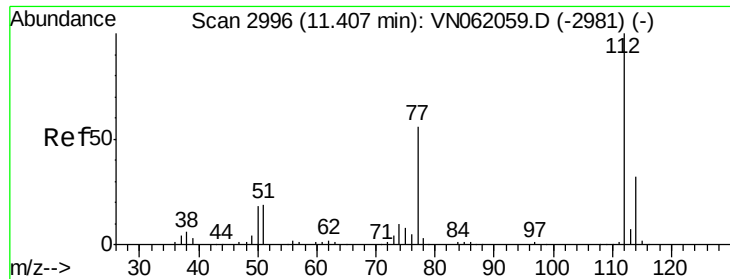
#64
Tetrachloroethene
Concen: 18.227 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion:164 Resp: 50991
Ion Ratio Lower Upper
164 100
166 123.3 102.9 154.3
129 97.8 75.8 113.8
131 92.1 73.8 110.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

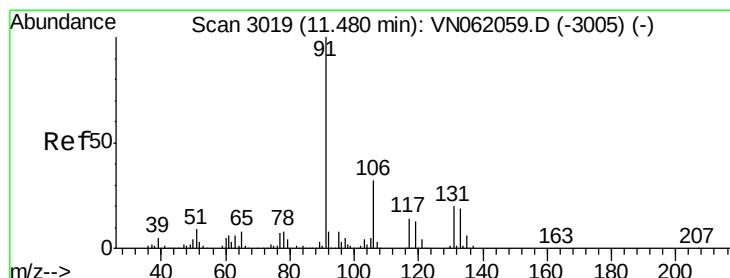
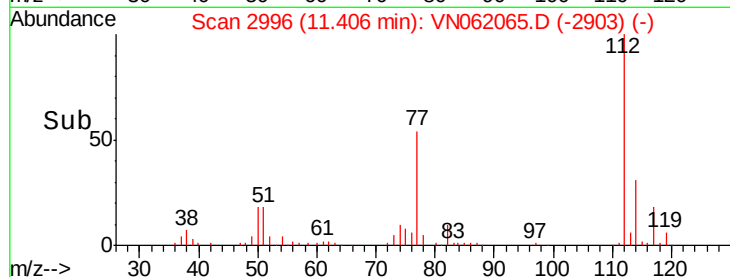
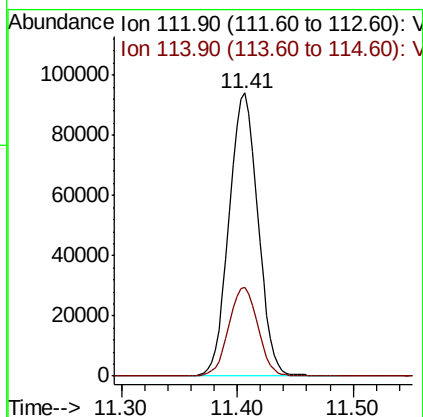
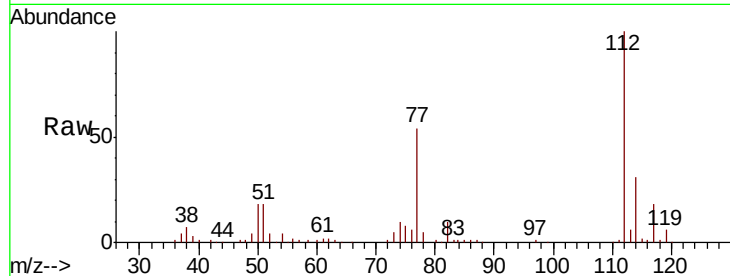




#65
Chlorobenzene
Concen: 18.006 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

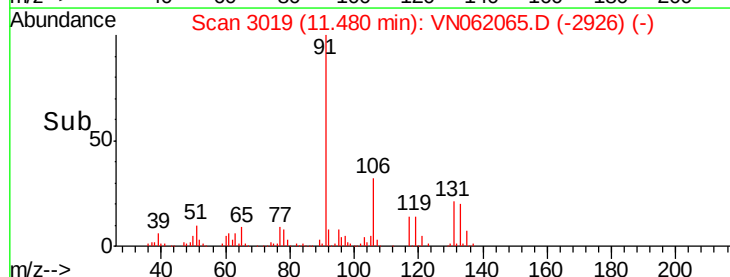
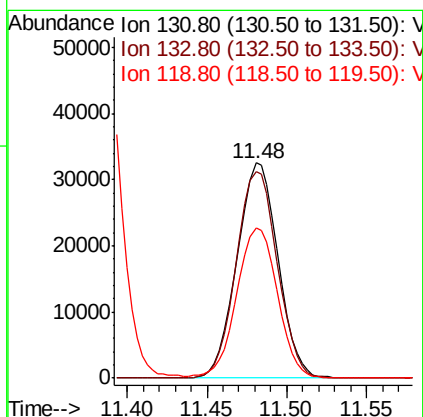
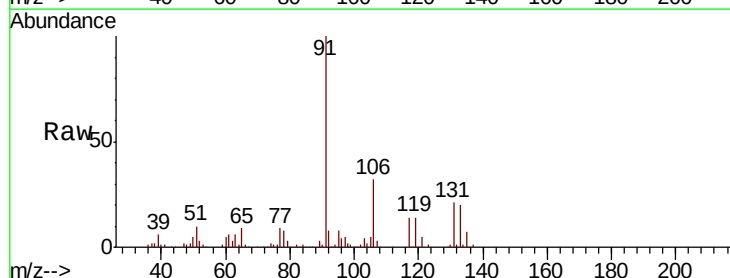
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

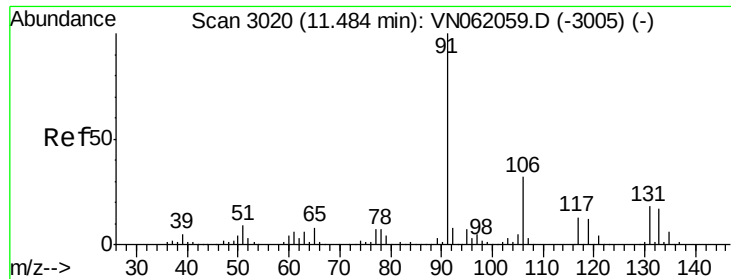
Tot Ion:112 Resp: 161938
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.226 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion:131 Resp: 56683
Ion Ratio Lower Upper
131 100
133 96.6 47.6 142.9
119 69.7 34.4 103.3

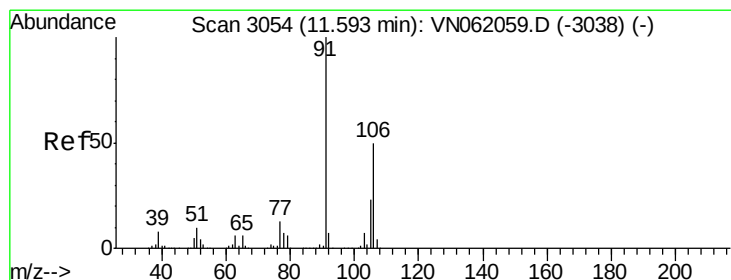
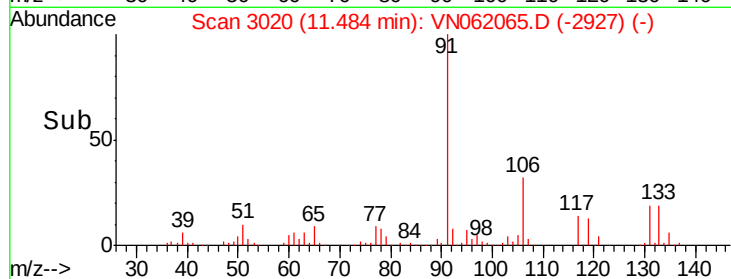
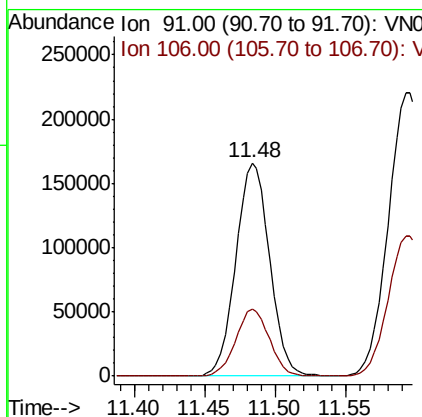
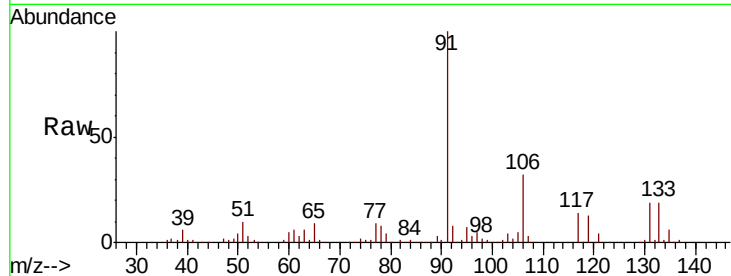




#67
Ethyl Benzene
Concen: 18.336 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

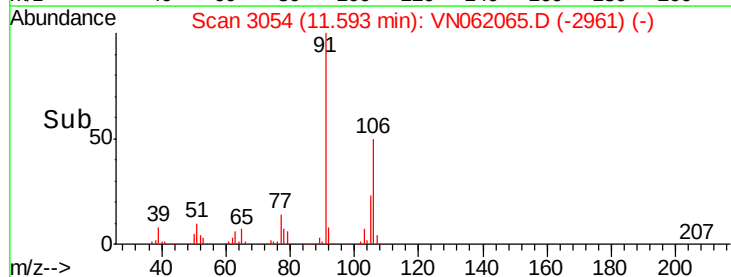
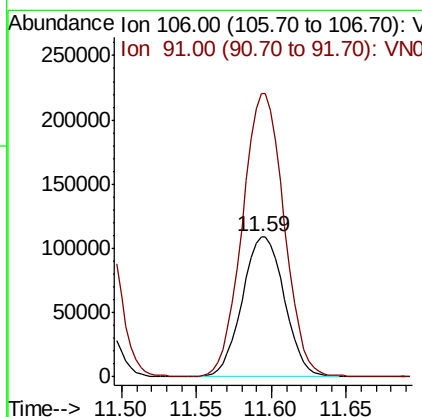
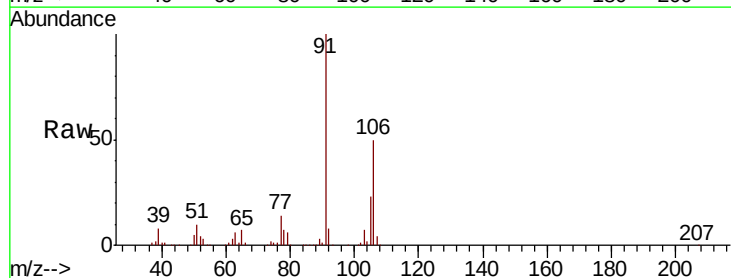
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

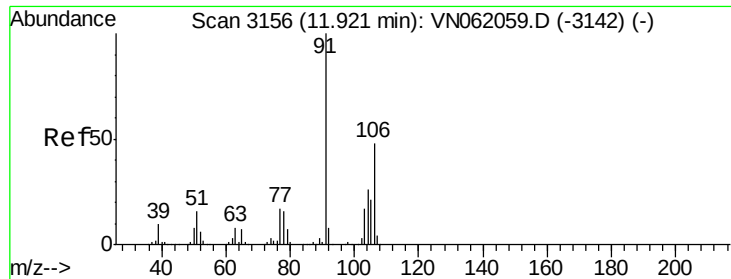
Tot Ion: 91 Resp: 278507
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9



#68
m/p-Xylenes
Concen: 36.433 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion: 106 Resp: 214044
Ion Ratio Lower Upper
106 100
91 199.8 157.8 236.8

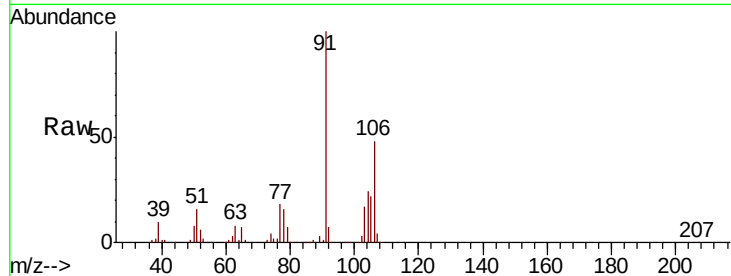




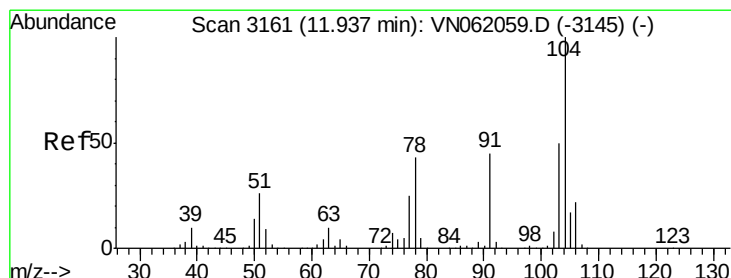
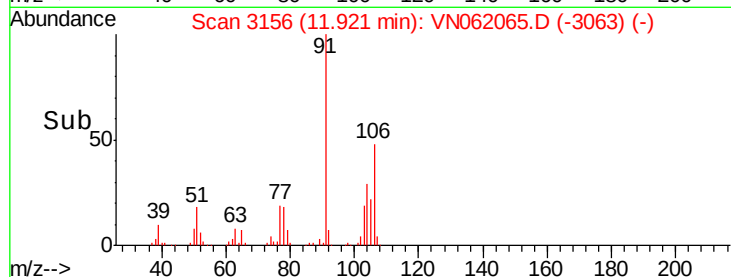
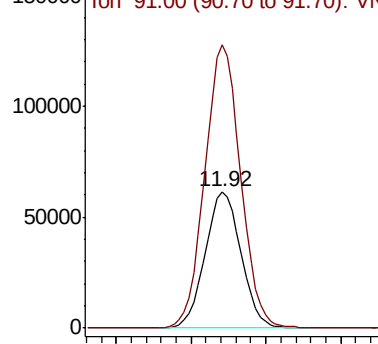
#69
o-Xylene
Concen: 18.490 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

Tot Ion:106 Resp: 102491
Ion Ratio Lower Upper
106 100
91 206.8 104.0 311.9

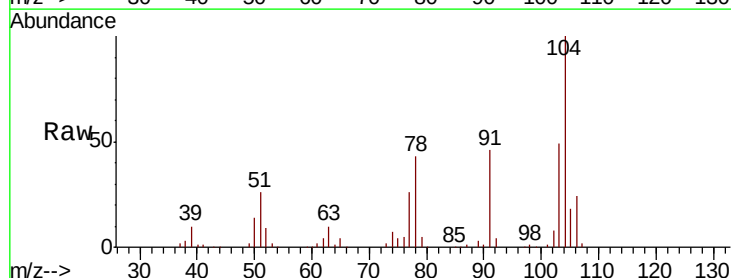


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

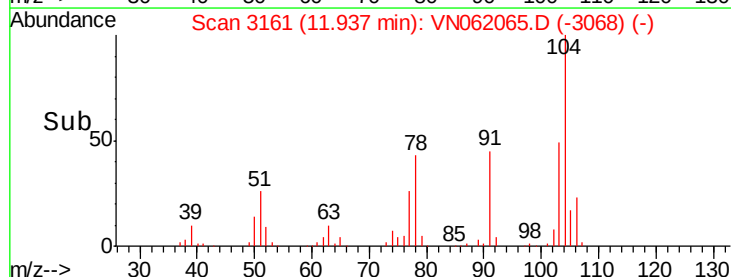
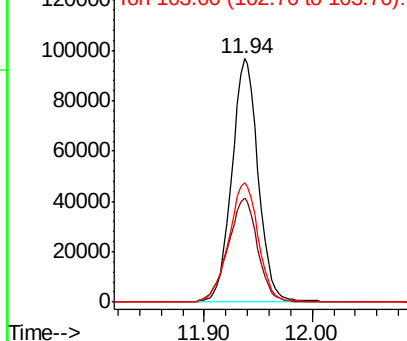


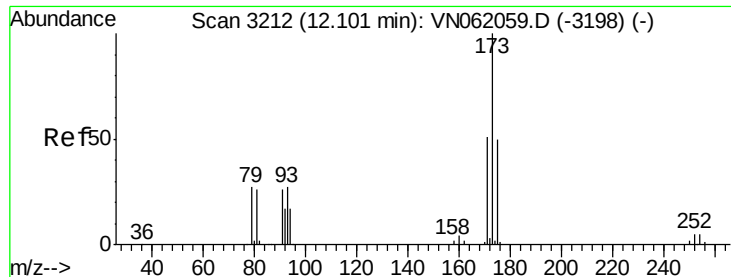
#70
Styrene
Concen: 17.877 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion:104 Resp: 165262
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 54.9 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.313 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

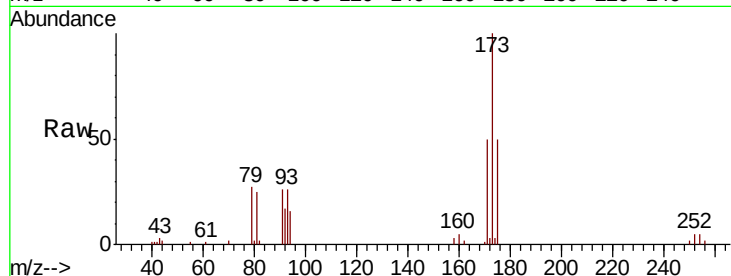
Tot Ion:173 Resp: 40494

Ion Ratio Lower Upper

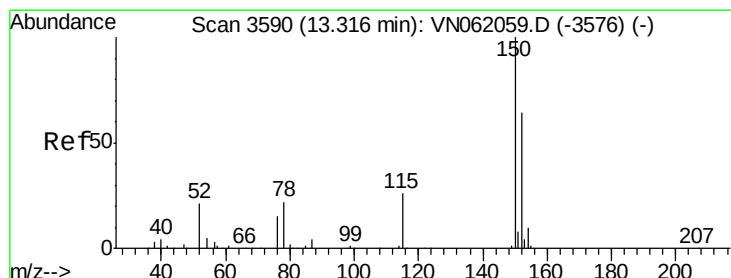
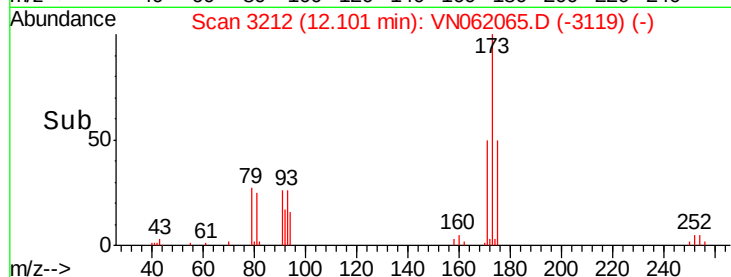
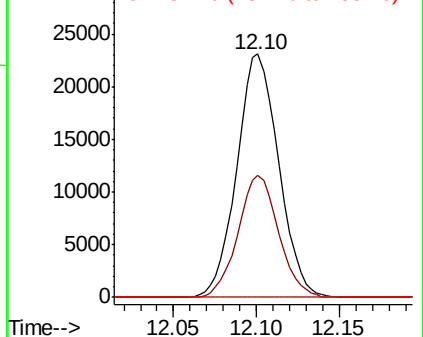
173 100

175 48.5 24.7 74.1

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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

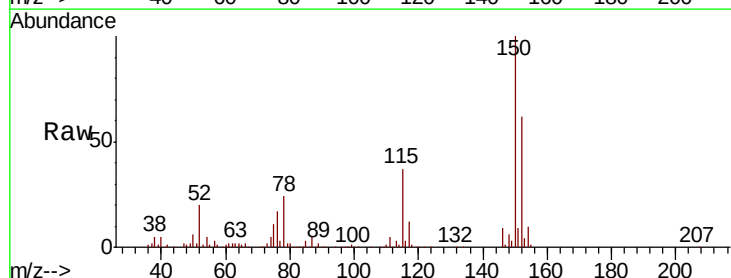
Tgt Ion:152 Resp: 183547

Ion Ratio Lower Upper

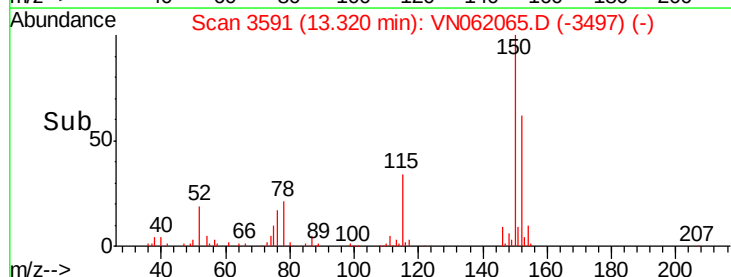
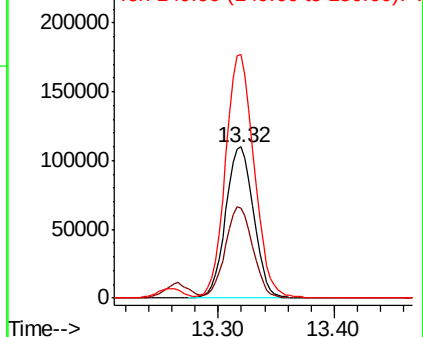
152 100

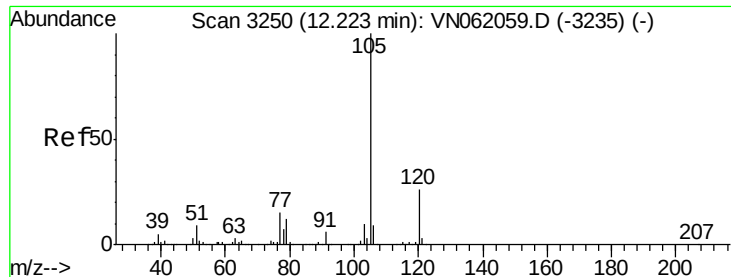
115 59.8 29.5 88.5

150 165.3 0.0 351.4



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

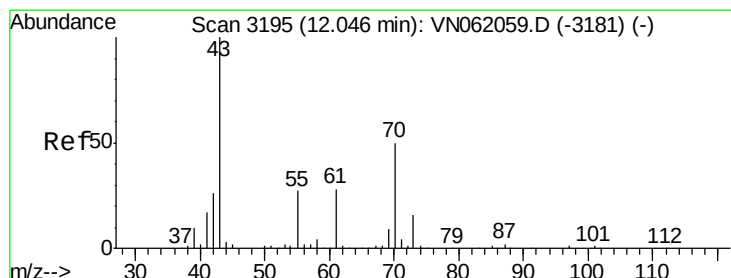
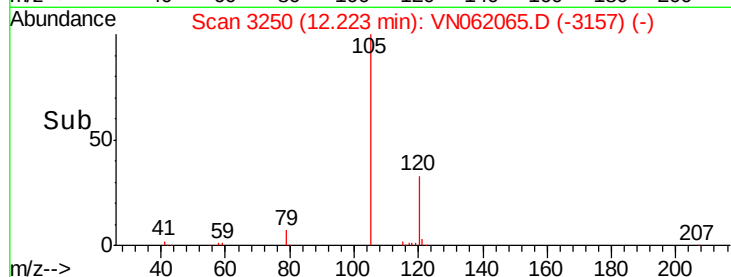
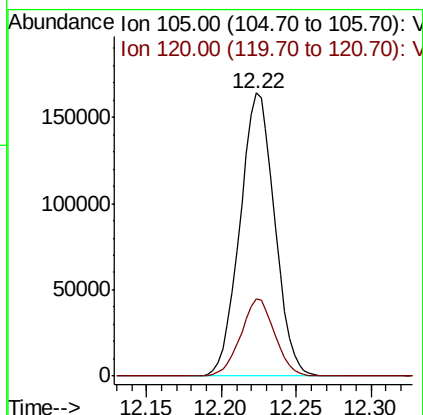
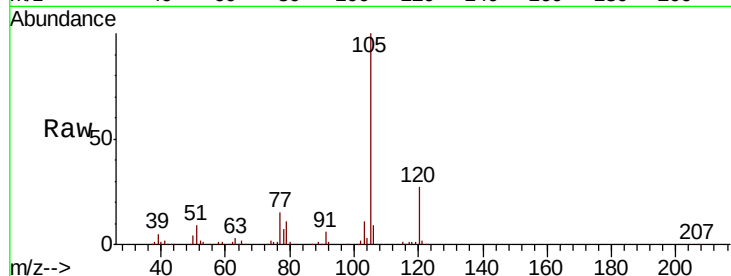




#73
Isopropylbenzene
Concen: 18.711 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

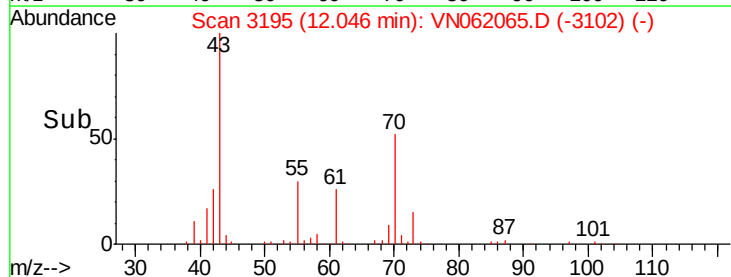
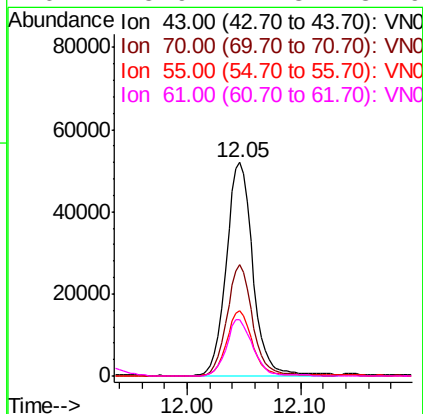
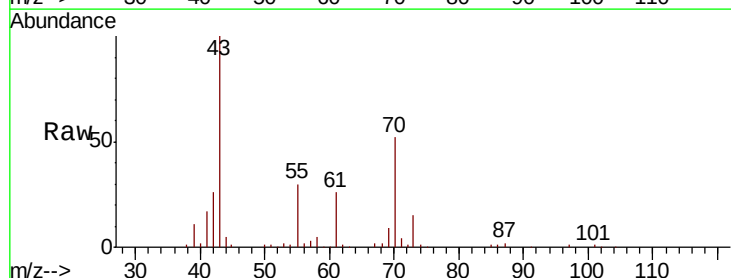
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

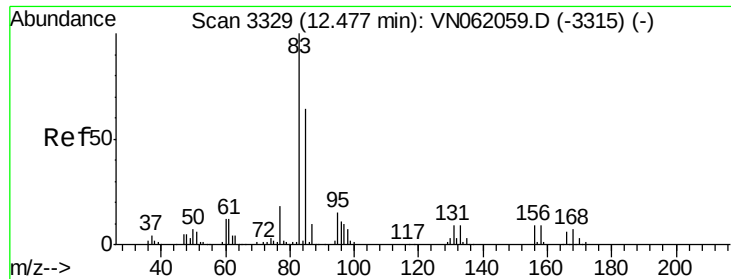
Tot Ion:105 Resp: 265844
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-amyl acetate
Concen: 18.626 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion: 43 Resp: 85657
Ion Ratio Lower Upper
43 100
70 50.3 39.4 59.2
55 29.4 21.7 32.5
61 25.9 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.312 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

VN0624WBS01

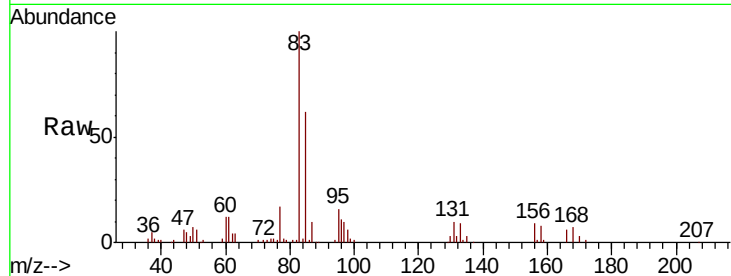
Tot Ion: 83 Resp: 86580

Ion Ratio Lower Upper

83 100

131 10.0 4.8 14.4

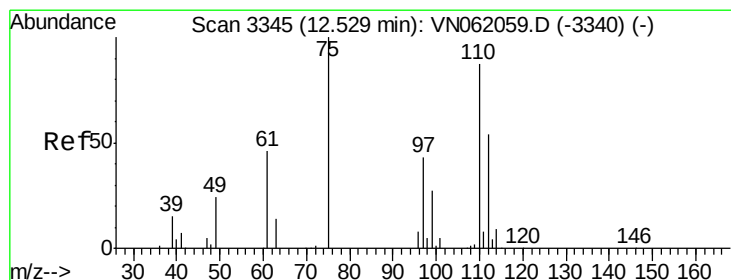
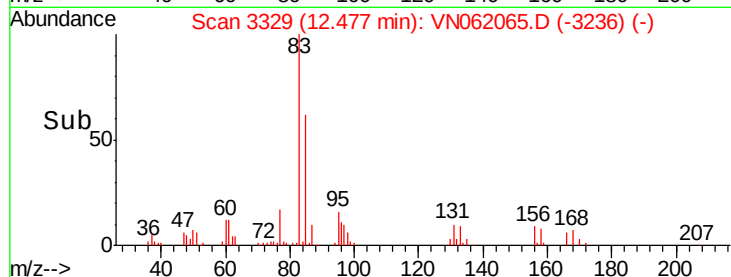
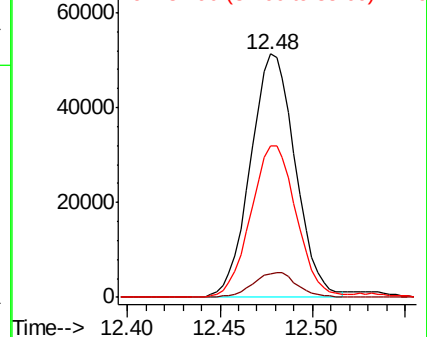
85 63.3 32.4 97.0



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



#76

1,2,3-Trichloropropane

Concen: 24.730 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062065.D

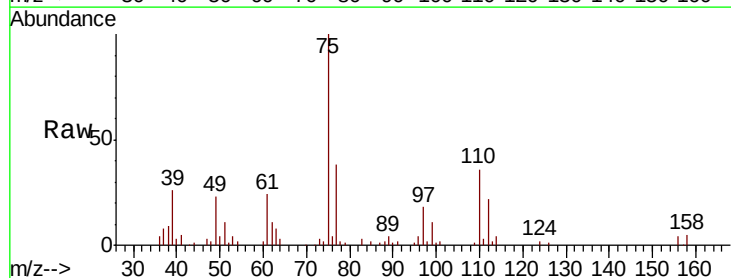
Acq: 24 Jun 2020 16:09

Tgt Ion: 75 Resp: 106854

Ion Ratio Lower Upper

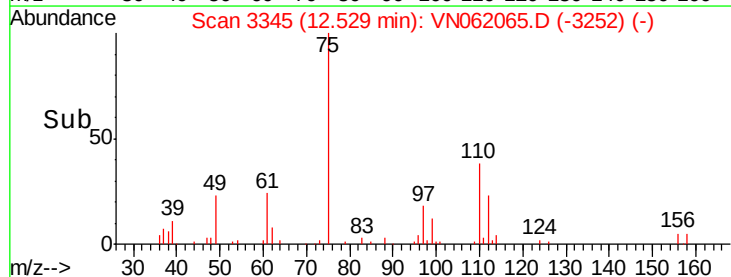
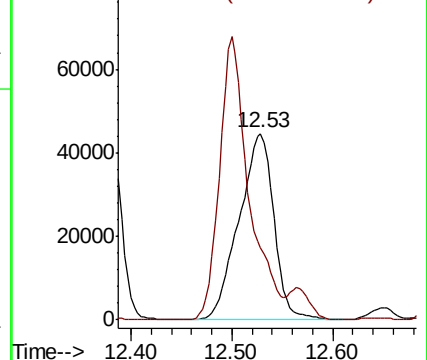
75 100

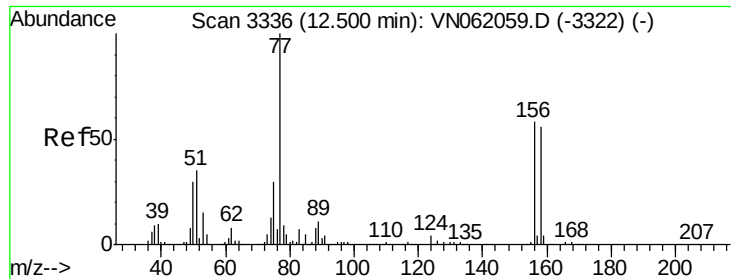
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.211 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

VN0624WBS01

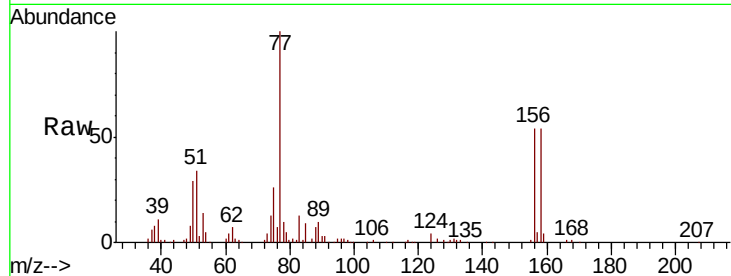
Tot Ion:156 Resp: 64238

Ion Ratio Lower Upper

156 100

77 213.8 104.6 313.8

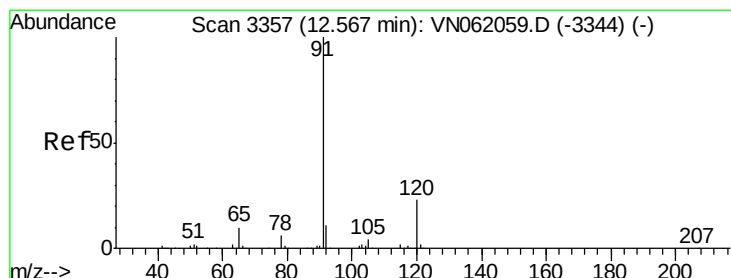
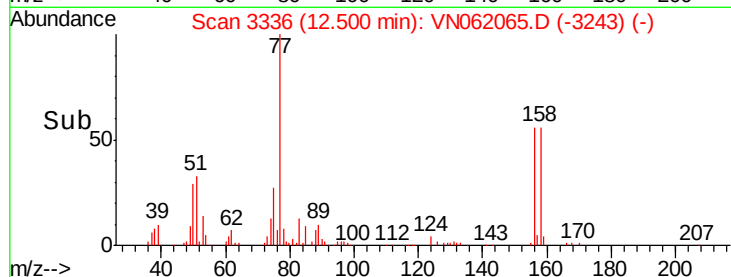
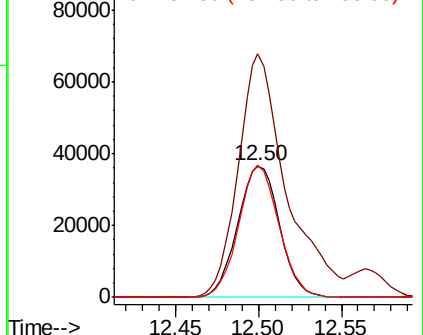
158 96.8 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.741 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062065.D

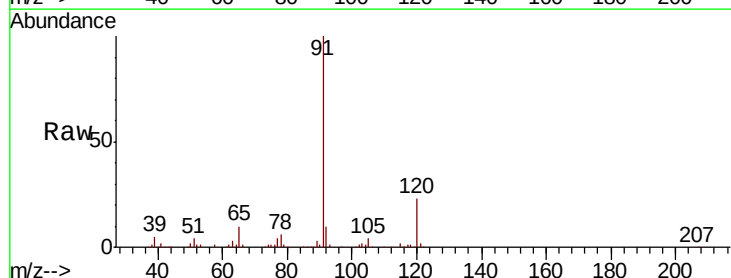
Acq: 24 Jun 2020 16:09

Tgt Ion: 91 Resp: 304571

Ion Ratio Lower Upper

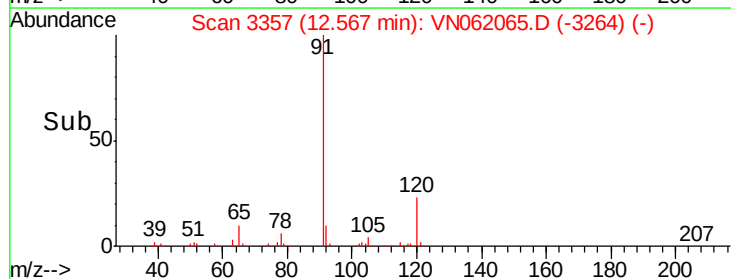
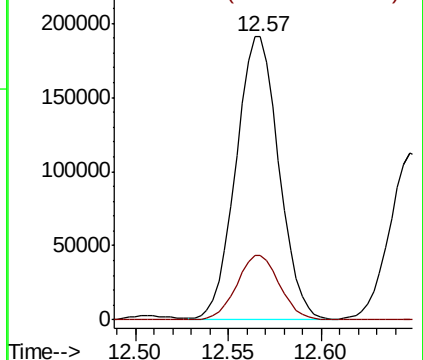
91 100

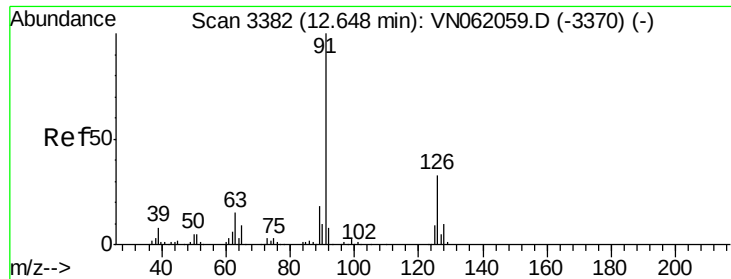
120 22.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.644 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

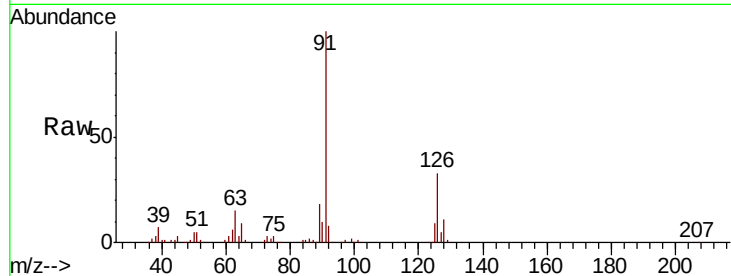
VN0624WBS01

Tot Ion: 91 Resp: 183178

Ion Ratio Lower Upper

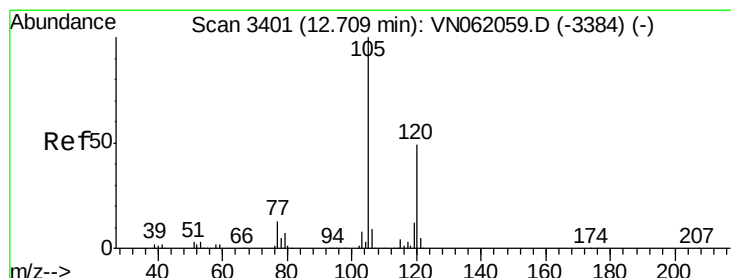
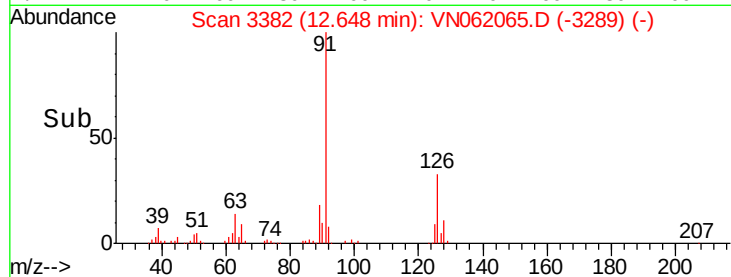
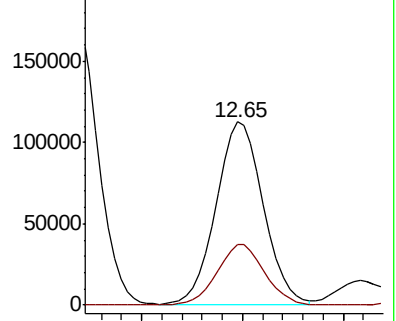
91 100

126 33.5 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.956 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062065.D

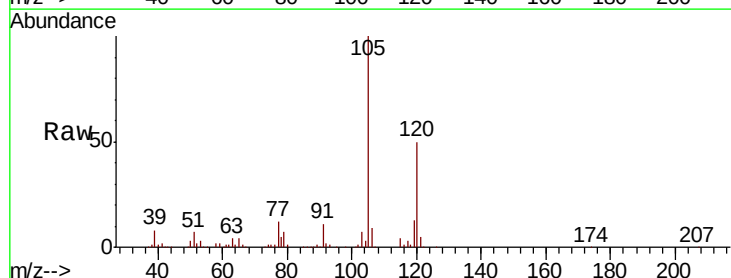
Acq: 24 Jun 2020 16:09

Tgt Ion:105 Resp: 218335

Ion Ratio Lower Upper

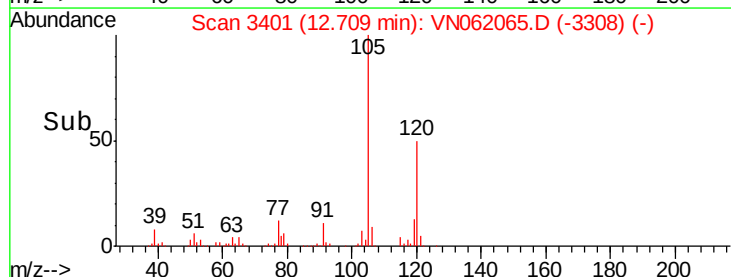
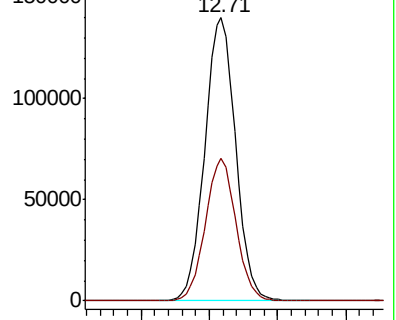
105 100

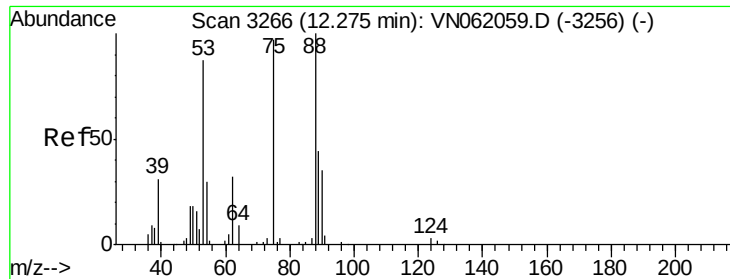
120 50.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)

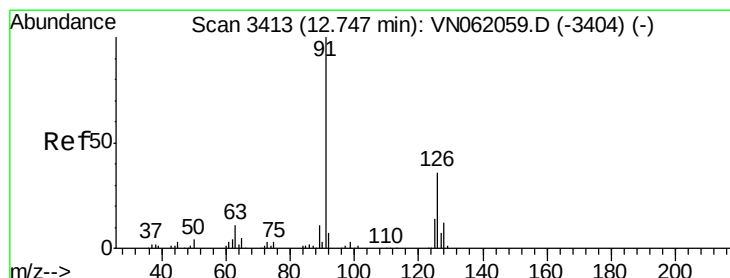
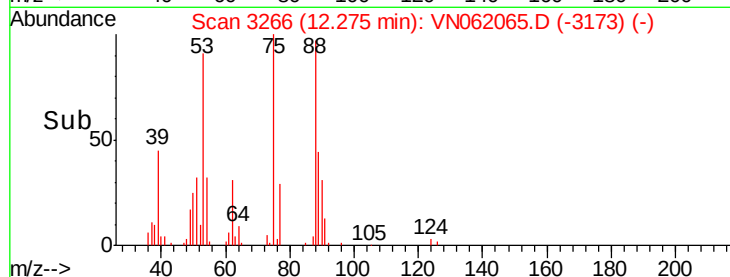
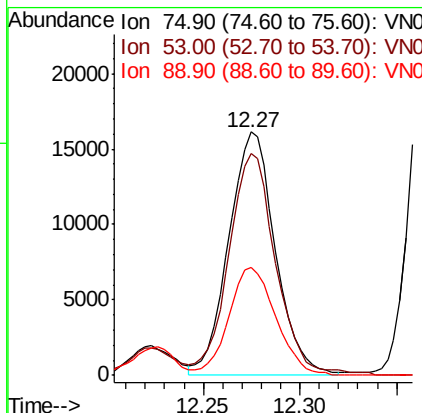
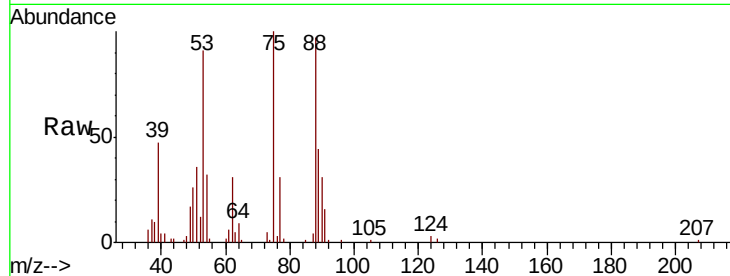




#81
trans-1,4-Dichloro-2-butene
Concen: 18.276 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

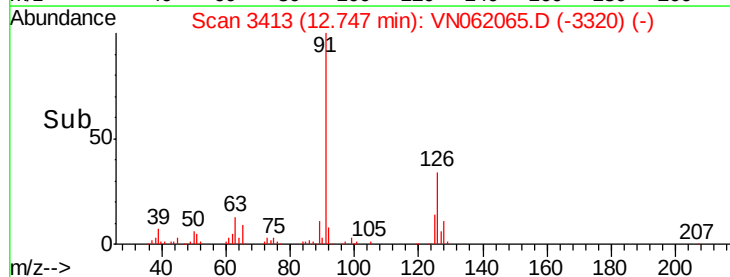
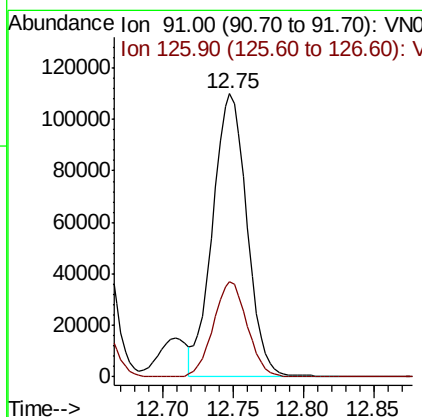
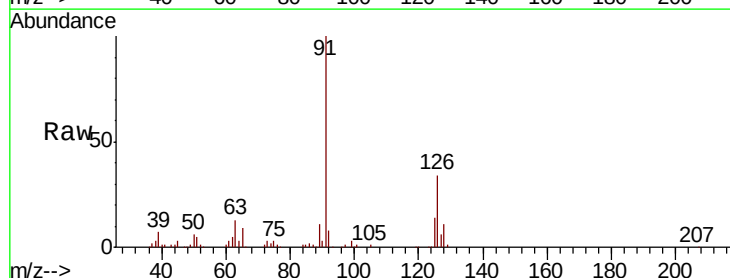
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

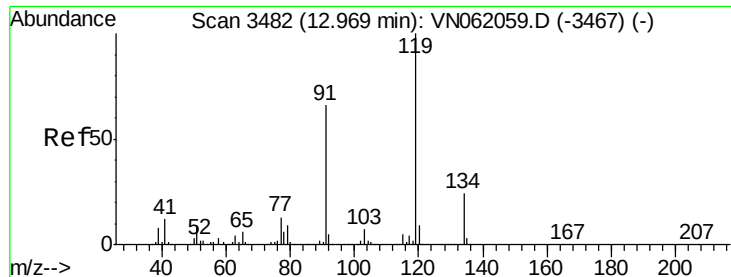
Tot Ion: 75 Resp: 27041
Ion Ratio Lower Upper
75 100
53 92.2 72.0 108.0
89 44.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 18.150 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion: 91 Resp: 184406
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.1

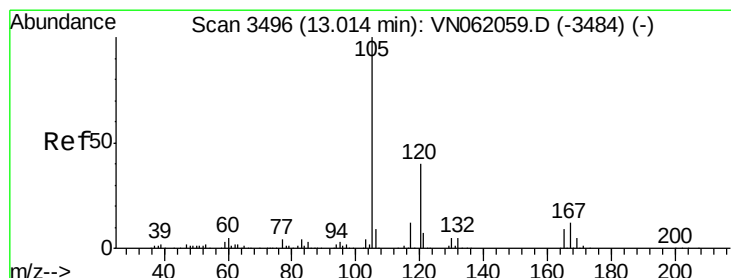
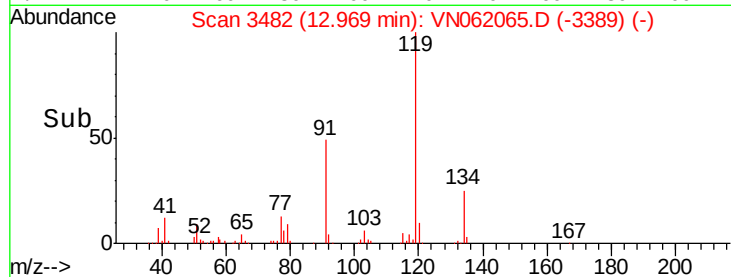
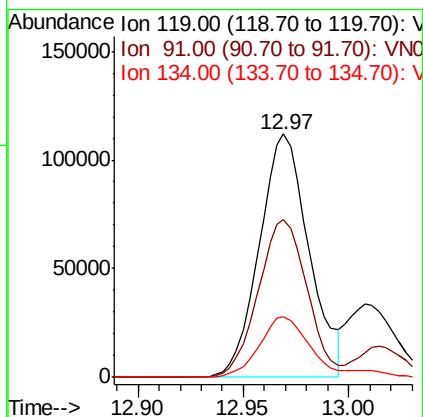
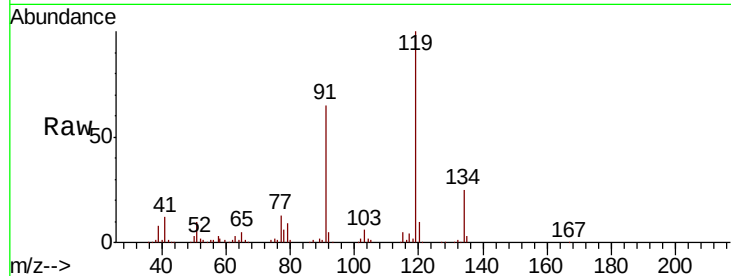




#83
 tert-Butylbenzene
 Concen: 18.580 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

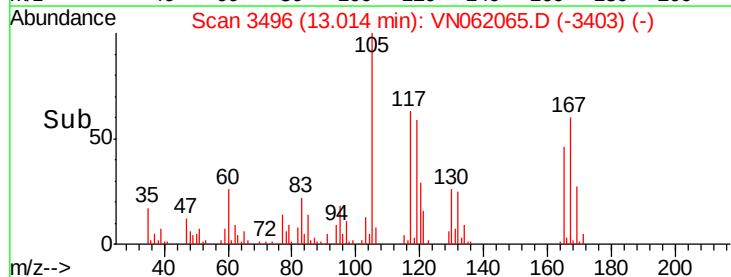
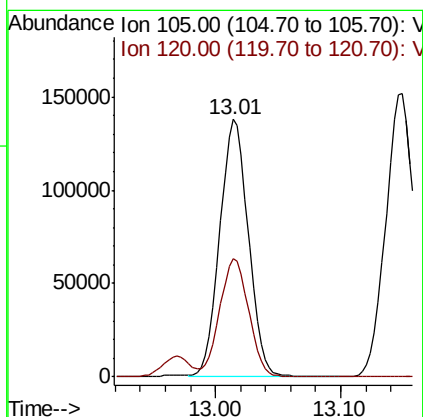
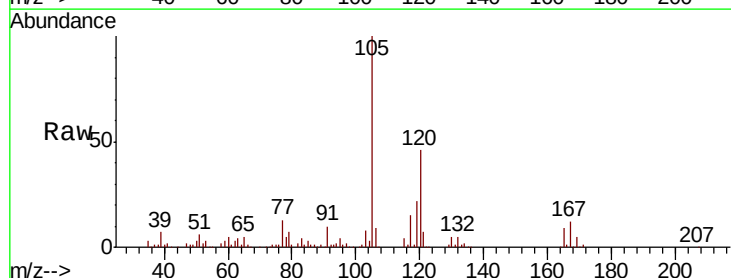
Instrument :
 MSVOA_N
 ClientSampled :
 VN0624WBS01

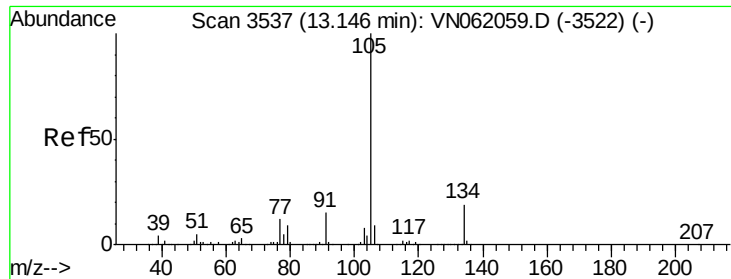
Tot Ion:119 Resp: 183140
 Ion Ratio Lower Upper
 119 100
 91 64.3 31.7 95.1
 134 24.8 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.928 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion:105 Resp: 217729
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 18.655 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

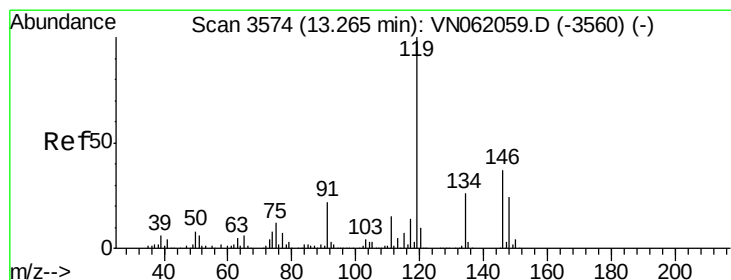
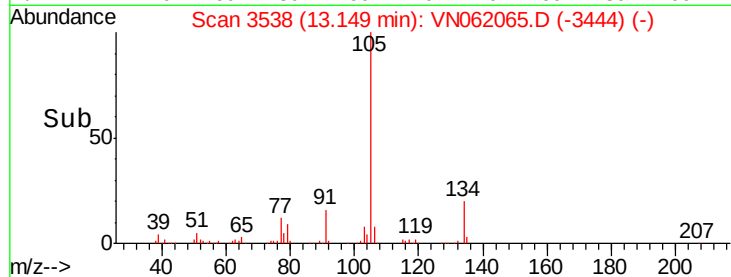
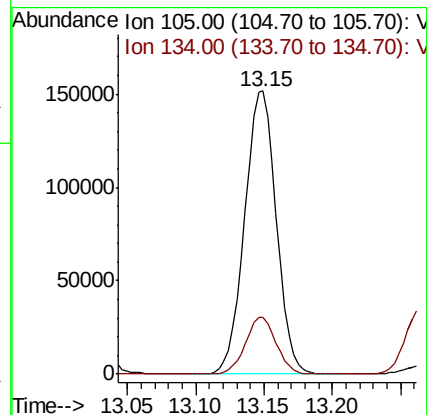
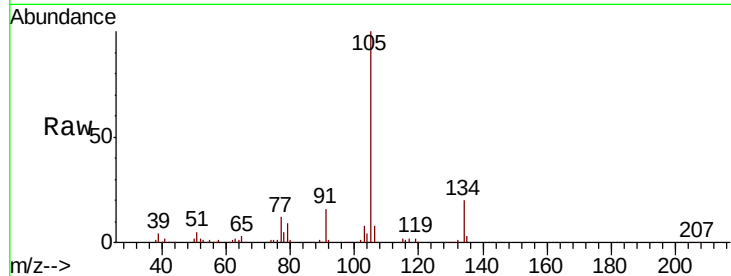
VN0624WBS01

Tot Ion:105 Resp: 242972

Ion Ratio Lower Upper

105 100

134 19.6 9.7 29.1



#86

p-Isopropyltoluene

Concen: 18.908 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

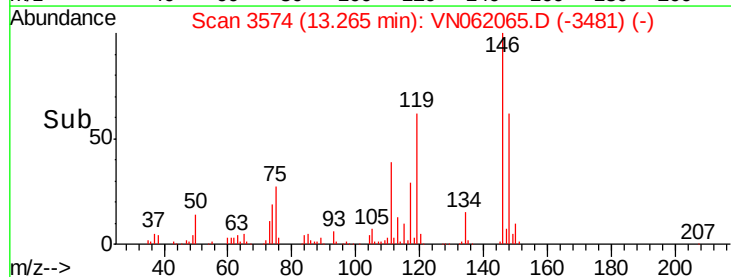
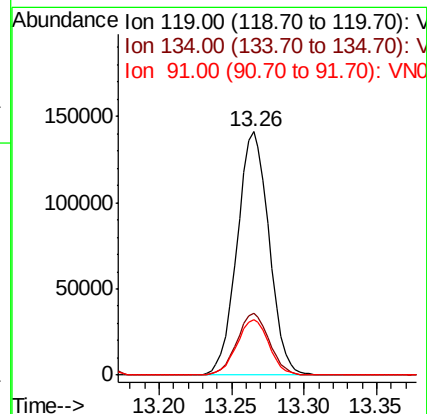
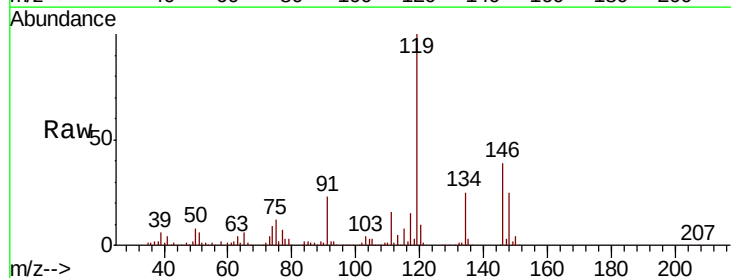
Tgt Ion:119 Resp: 215766

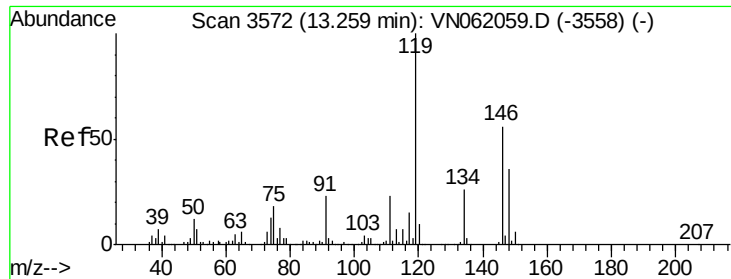
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 22.9 11.3 33.8

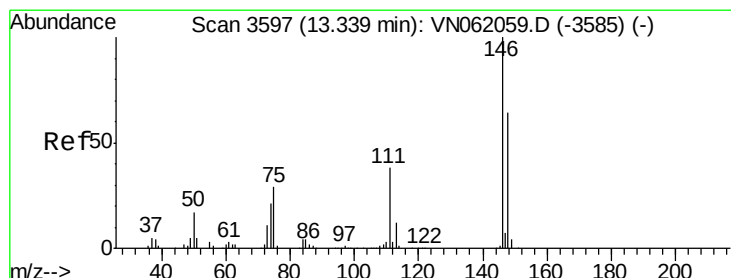
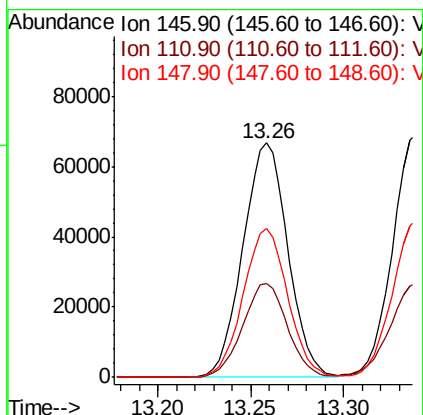
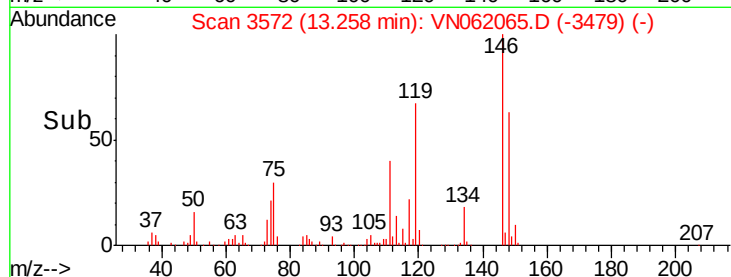
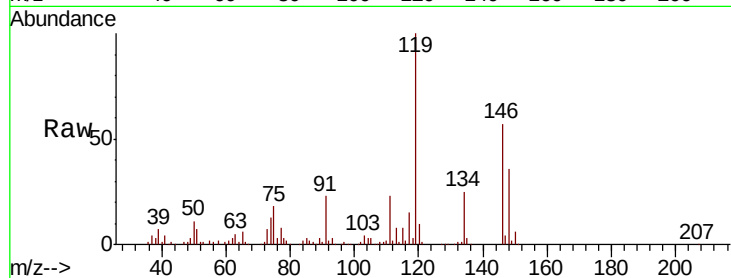




#87
 1,3-Dichlorobenzene
 Concen: 18.199 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

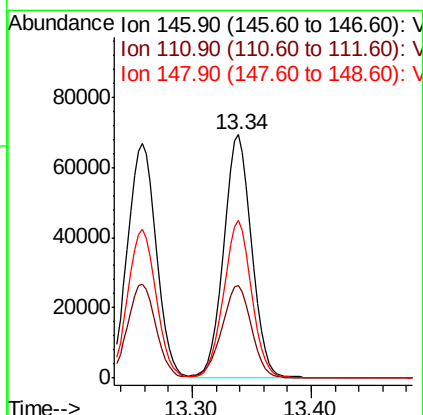
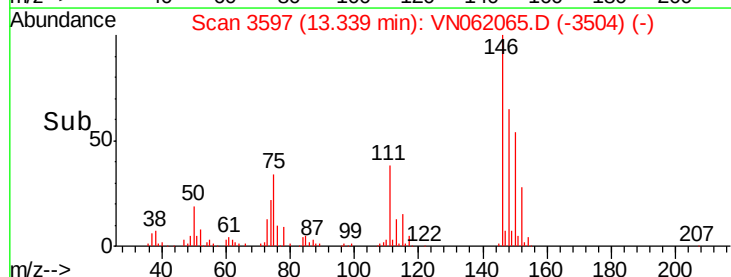
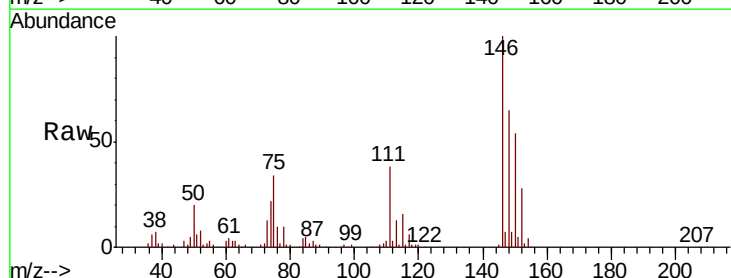
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

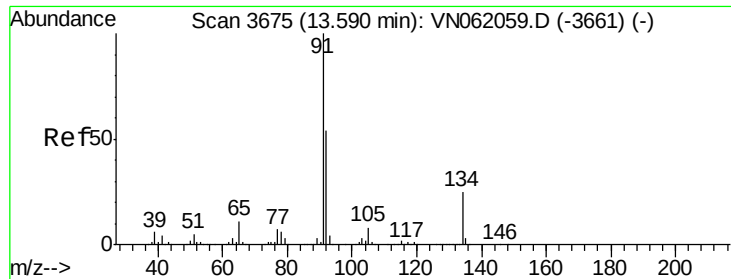
Tot Ion:146 Resp: 112728
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 61.0
 148 63.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.675 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion:146 Resp: 112851
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.9 59.6
 148 64.9 31.9 95.9





#89

n-Butylbenzene

Concen: 18.016 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

VN0624WBS01

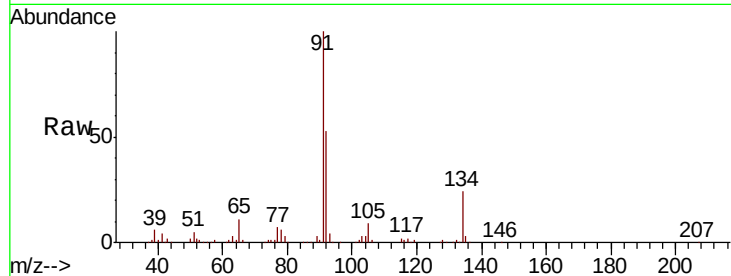
Tot Ion: 91 Resp: 170915

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)

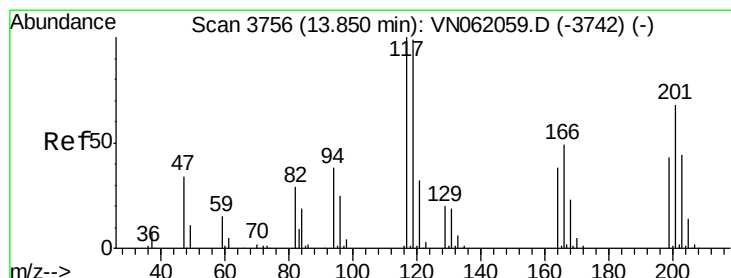
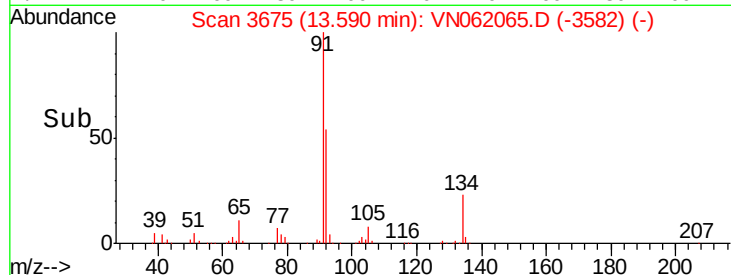
13.59

100000

50000

0

Time--> 13.50 13.60



#90

Hexachloroethane

Concen: 17.936 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062065.D

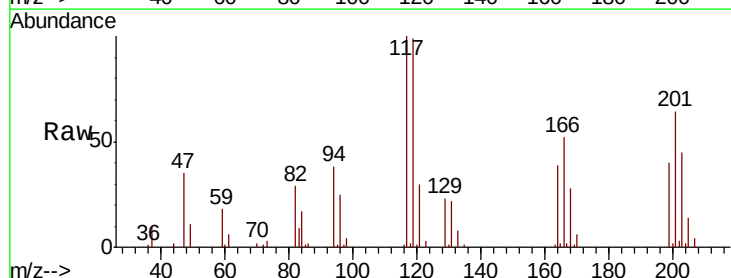
Acq: 24 Jun 2020 16:09

Tgt Ion: 117 Resp: 40157

Ion Ratio Lower Upper

117 100

201 63.7 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)

13.85

25000

20000

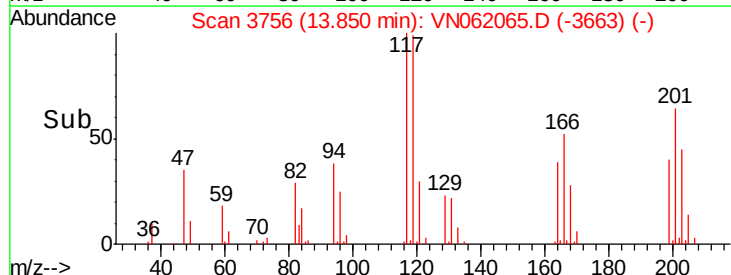
15000

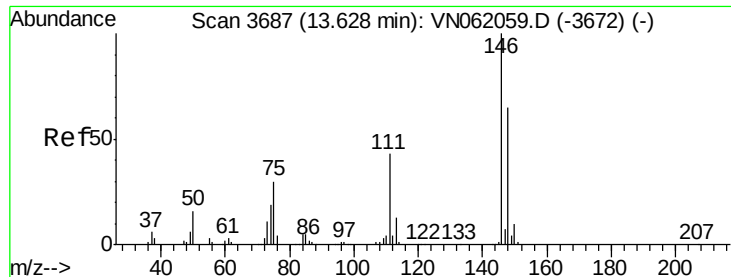
10000

5000

0

Time--> 13.80 13.85 13.90

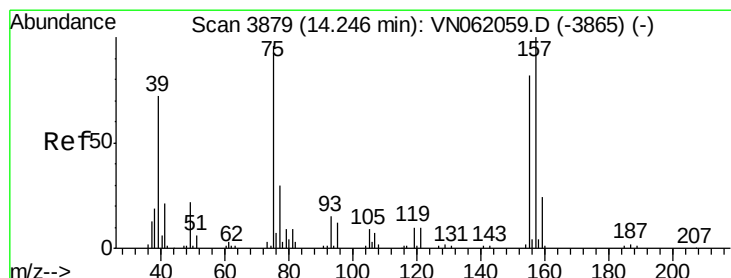
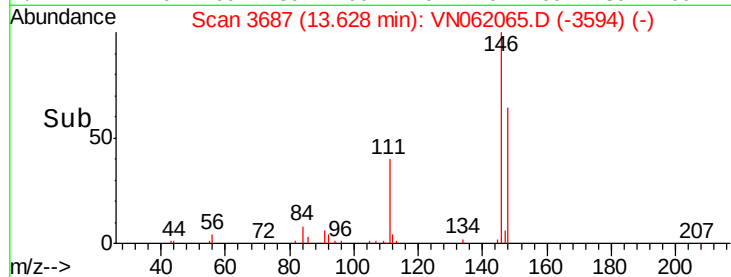
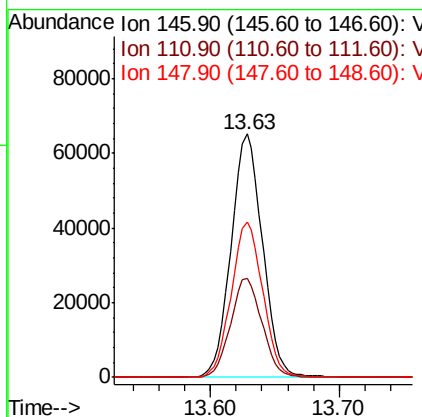
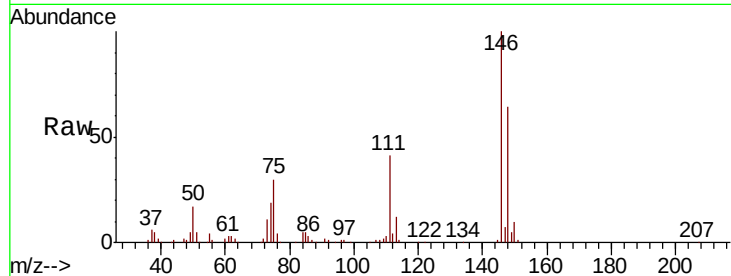




#91
 1,2-Dichlorobenzene
 Concen: 18.366 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

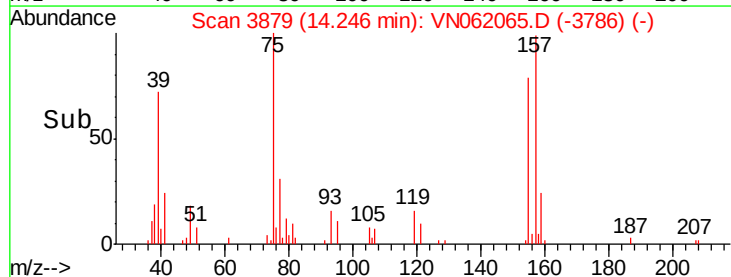
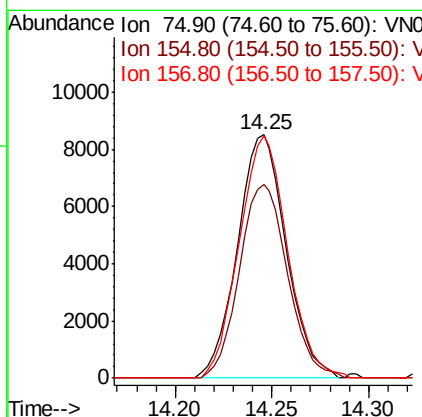
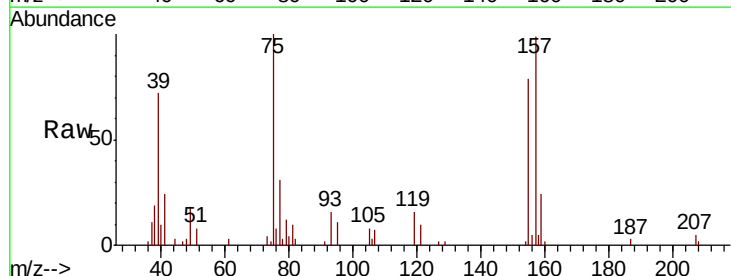
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

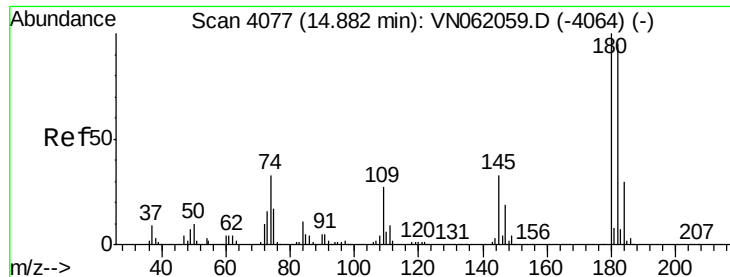
Tot Ion:146 Resp: 110315
 Ion Ratio Lower Upper
 146 100
 111 40.6 21.2 63.6
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.635 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion: 75 Resp: 14872
 Ion Ratio Lower Upper
 75 100
 155 78.6 40.8 122.4
 157 98.7 51.4 154.3

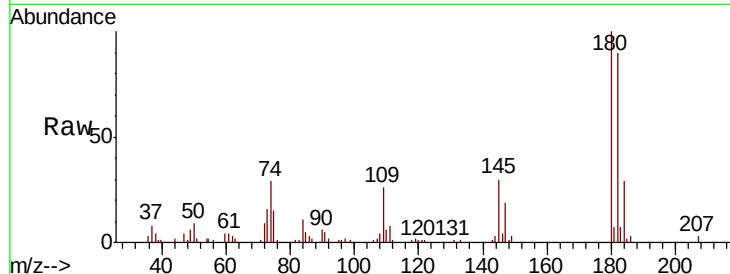




#93
 1,2,4-Trichlorobenzene
 Concen: 17.901 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.0	144.2
145	31.1	16.0	48.0

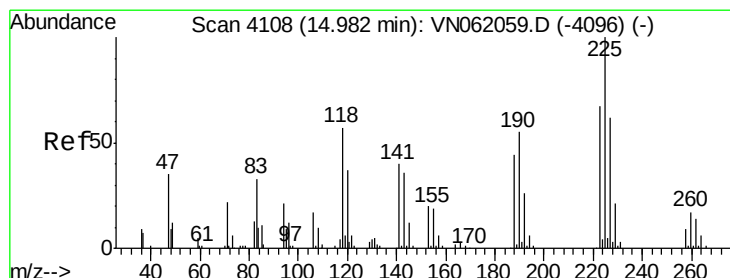
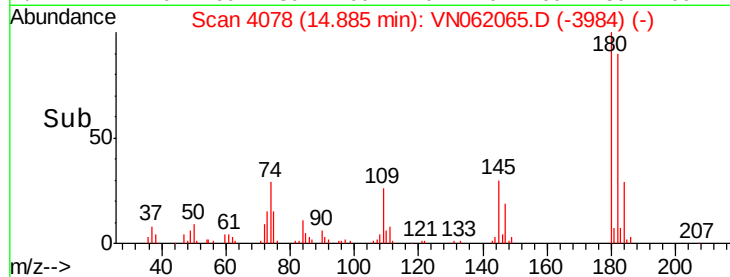
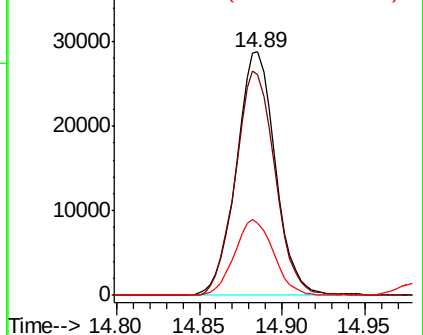


Abundance

Ion 179.80 (179.50 to 180.50): V

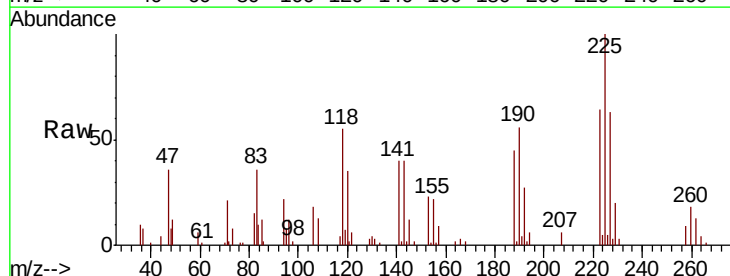
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.460 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.9	98.7
227	61.6	31.3	93.8

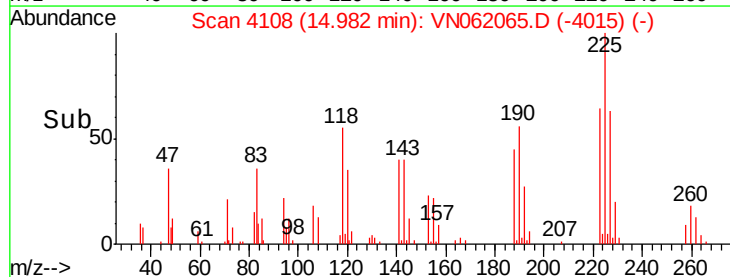
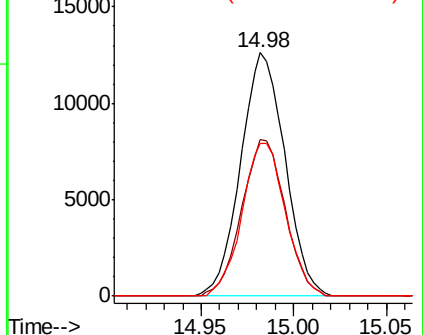


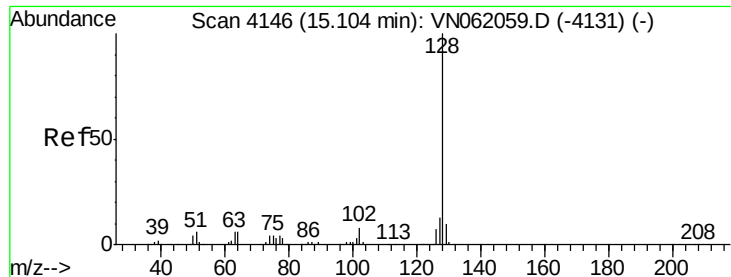
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

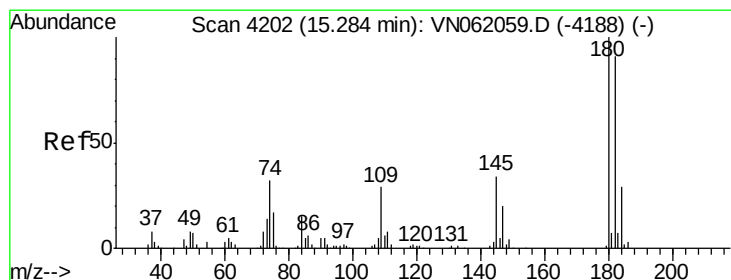
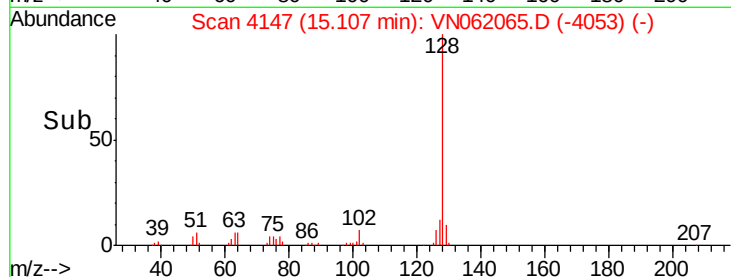
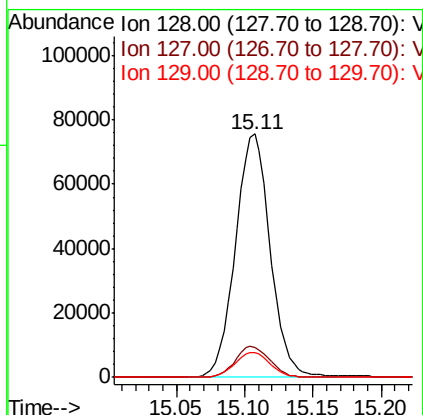
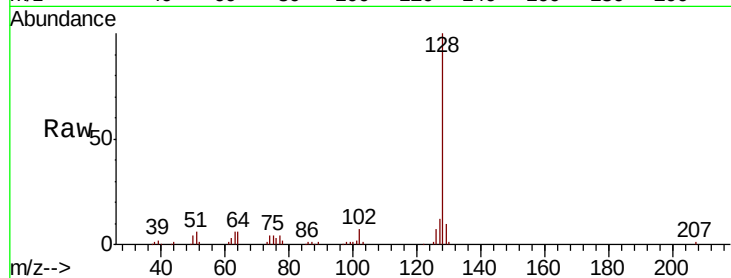




#95
Naphthalene
Concen: 18.091 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion:128 Resp: 134032
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.941 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion:180 Resp: 48135
Ion Ratio Lower Upper
180 100
182 91.8 46.8 140.4
145 32.1 16.4 49.2

