

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062082.D
 Acq On : 24 Jun 2020 23:26
 Operator : JC/MD
 Sample : VN0624WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS02

Quant Time: Jun 25 04:33:46 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	246979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	449904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	424086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	177525	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	7.55	113	142927	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	10.06	98	567266	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.38	95	188506	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	51247	18.357	ug/l	98
3) Chloromethane	2.03	50	66748	19.493	ug/l	99
4) Vinyl Chloride	2.16	62	81902	18.630	ug/l	98
5) Bromomethane	2.53	94	46753	16.455	ug/l	96
6) Chloroethane	2.67	64	56193	18.711	ug/l	98
7) Trichlorofluoromethane	2.98	101	98351	18.155	ug/l	97
8) Diethyl Ether	3.37	74	35402	18.715	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50520	17.809	ug/l	97
10) Methyl Iodide	3.91	142	45855	14.353	ug/l	99
11) Tert butyl alcohol	4.74	59	46433	93.308	ug/l	98
12) 1,1-Dichloroethene	3.70	96	52753	18.602	ug/l	99
13) Acrolein	3.57	56	38565	79.154	ug/l	100
14) Allyl chloride	4.27	41	70110	18.158	ug/l	99
15) Acrylonitrile	4.93	53	125062	92.224	ug/l	98
16) Acetone	3.77	43	98093	87.534	ug/l	97
17) Carbon Disulfide	4.01	76	156154	19.255	ug/l	100
18) Methyl Acetate	4.28	43	49812	18.079	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	170354	18.799	ug/l	99
20) Methylene Chloride	4.50	84	62488	19.508	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	57520	17.804	ug/l	98
22) Diisopropyl ether	5.90	45	160453	18.251	ug/l	96
23) Vinyl Acetate	5.84	43	657594	91.618	ug/l	99
24) 1,1-Dichloroethane	5.79	63	103414	18.268	ug/l	99
25) 2-Butanone	6.79	43	152057	89.756	ug/l	98
26) 2,2-Dichloropropane	6.77	77	73041	15.483	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	65940	18.139	ug/l	97
28) Bromochloromethane	7.15	49	43418	17.677	ug/l	98
29) Tetrahydrofuran	7.17	42	104120	93.825	ug/l	99
30) Chloroform	7.33	83	107943	18.741	ug/l	97
31) Cyclohexane	7.62	56	87663	18.307	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	89998	18.528	ug/l	99
36) 1,1-Dichloropropene	7.75	75	78681	17.399	ug/l	99
37) Ethyl Acetate	6.88	43	68700	18.346	ug/l	98
38) Carbon Tetrachloride	7.73	117	75517	17.713	ug/l	100

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 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	86455	17.448	ug/l	97
40) Benzene	8.00	78	242760	17.612	ug/l	97
41) Methacrylonitrile	7.13	41	29465	16.973	ug/l	97
42) 1,2-Dichloroethane	8.09	62	83150	17.855	ug/l	99
43) Isopropyl Acetate	8.13	43	106592	17.462	ug/l	97
44) Trichloroethene	8.80	130	60589	17.426	ug/l	99
45) 1,2-Dichloropropane	9.08	63	61496	18.085	ug/l	98
46) Dibromomethane	9.18	93	40702	17.654	ug/l	98
47) Bromodichloromethane	9.37	83	83307	17.896	ug/l	95
48) Methyl methacrylate	9.17	41	48372	17.673	ug/l	98
49) 1,4-Dioxane	9.17	88	21707	357.629	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	320365	89.826	ug/l	99
52) Toluene	10.12	92	152556	18.140	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	86803	16.949	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	95626	17.538	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	60607	18.333	ug/l	99
56) Ethyl methacrylate	10.40	69	77654	17.601	ug/l	97
57) 1,3-Dichloropropane	10.68	76	102576	18.027	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	142024	86.842	ug/l	99
59) 2-Hexanone	10.72	43	229364	89.060	ug/l	99
60) Dibromochloromethane	10.87	129	62101	17.743	ug/l	99
61) 1,2-Dibromoethane	10.98	107	60544	17.823	ug/l	99
64) Tetrachloroethene	10.60	164	50106	17.296	ug/l	98
65) Chlorobenzene	11.41	112	162198	17.416	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	56607	17.578	ug/l	98
67) Ethyl Benzene	11.48	91	279865	17.793	ug/l	100
68) m/p-Xylenes	11.60	106	218986	35.997	ug/l	99
69) o-Xylene	11.92	106	101954	17.762	ug/l	98
70) Styrene	11.94	104	169075	17.662	ug/l	99
71) Bromoform	12.10	173	39891	17.422	ug/l #	97
73) Isopropylbenzene	12.22	105	272508	18.421	ug/l	99
74) N-amyl acetate	12.05	43	86436	18.155	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	87407	17.756	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	105695	23.494	ug/l #	100
77) Bromobenzene	12.50	156	65984	17.966	ug/l	98
78) n-propylbenzene	12.57	91	305276	18.041	ug/l	100
79) 2-Chlorotoluene	12.65	91	183258	17.914	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	219995	18.345	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	24702	16.035	ug/l	99
82) 4-Chlorotoluene	12.75	91	187417	17.717	ug/l	99
83) tert-Butylbenzene	12.97	119	186108	18.134	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	219334	18.313	ug/l	99
85) sec-Butylbenzene	13.15	105	242622	17.891	ug/l	100
86) p-Isopropyltoluene	13.26	119	216435	18.217	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	113307	17.569	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	115160	17.323	ug/l	99
89) n-Butylbenzene	13.59	91	170113	17.222	ug/l	100
90) Hexachloroethane	13.85	117	40409	17.335	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	111076	17.761	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13394	16.984	ug/l	94

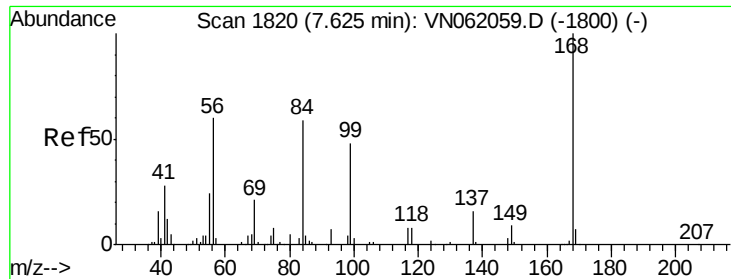
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
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Instrument :
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Quant Time: Jun 25 04:33:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : 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	46732	17.105	ug/l	100
94) Hexachlorobutadiene	14.99	225	21195	17.862	ug/l	99
95) Naphthalene	15.11	128	133762	17.506	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	48318	17.297	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: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

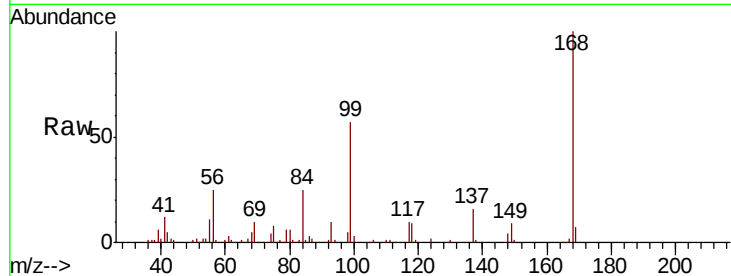
VN0624WBS02

Tot Ion:168 Resp: 246979

Ion Ratio Lower Upper

168 100

99 57.1 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

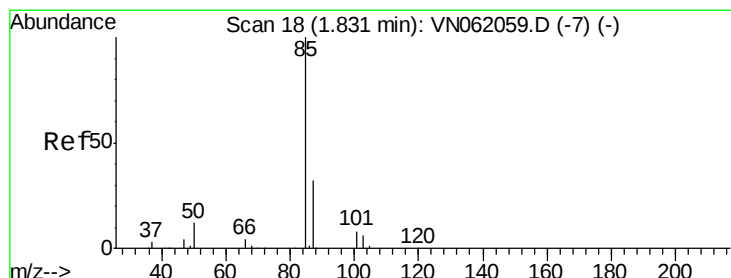
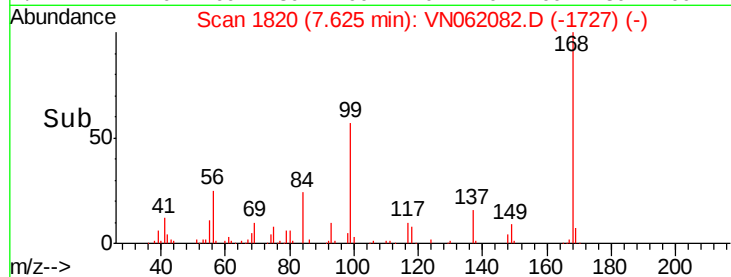
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 18.357 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062082.D

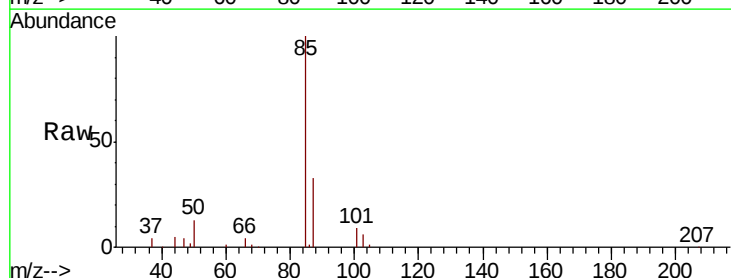
Acq: 24 Jun 2020 23:26

Tgt Ion: 85 Resp: 51247

Ion Ratio Lower Upper

85 100

87 32.9 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

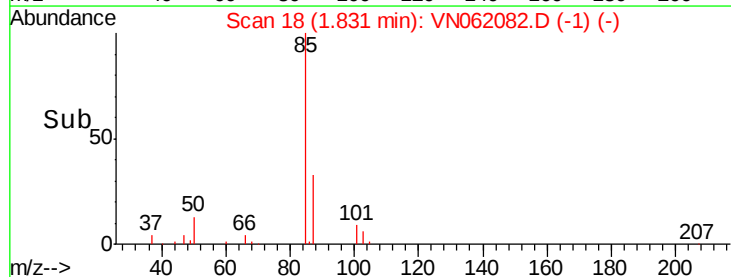
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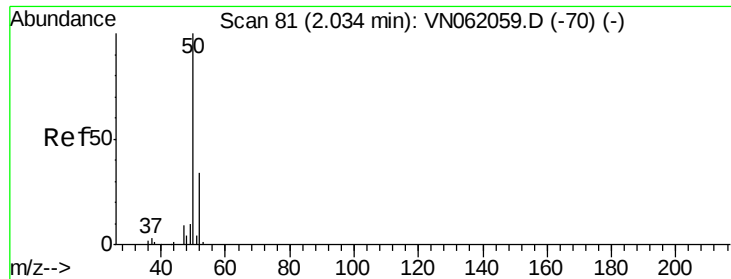
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 19.493 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

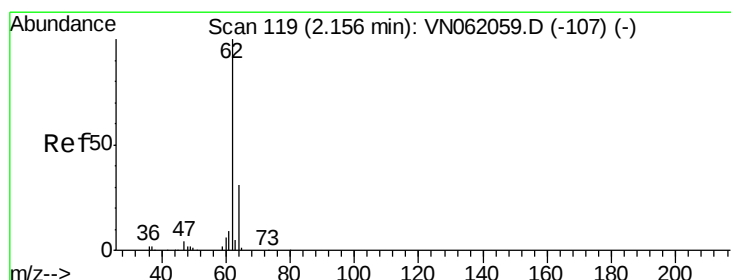
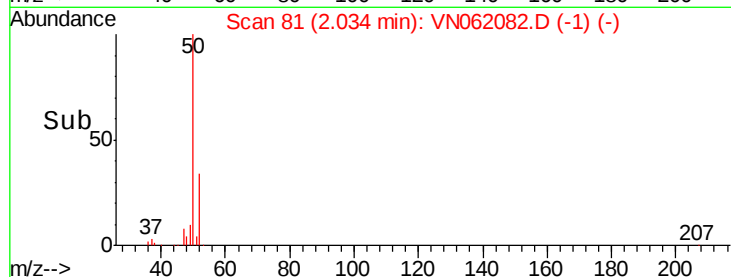
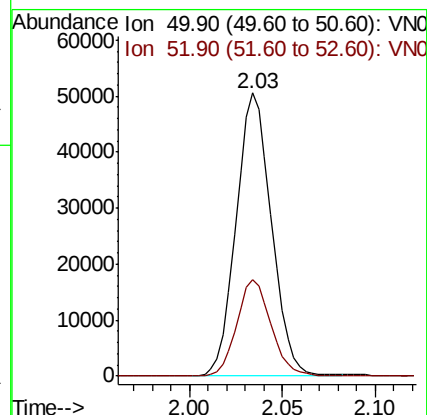
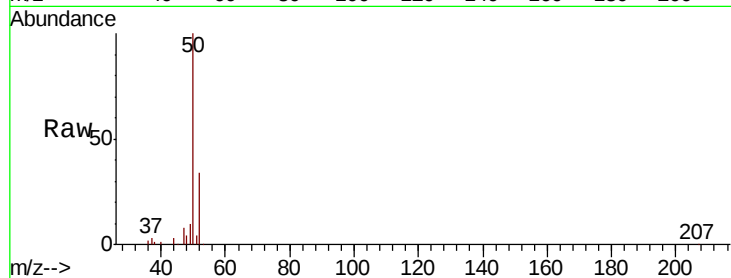
VN0624WBS02

Tot Ion: 50 Resp: 66748

Ion Ratio Lower Upper

50 100

52 34.2 27.0 40.6



#4

Vinyl Chloride

Concen: 18.630 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062082.D

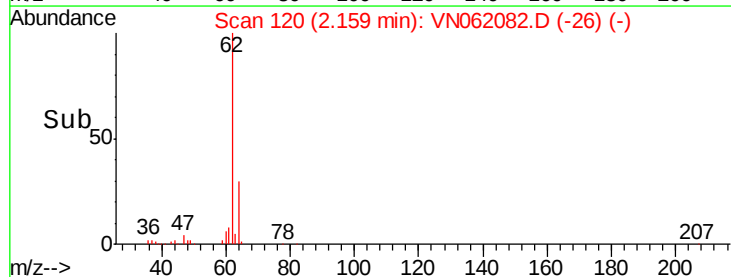
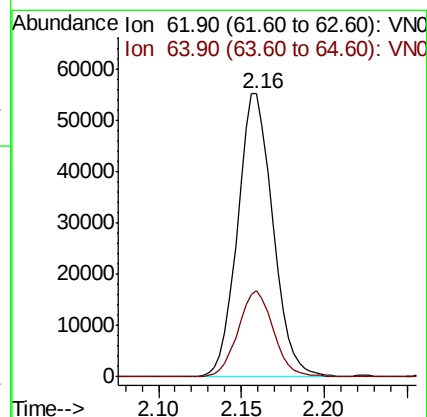
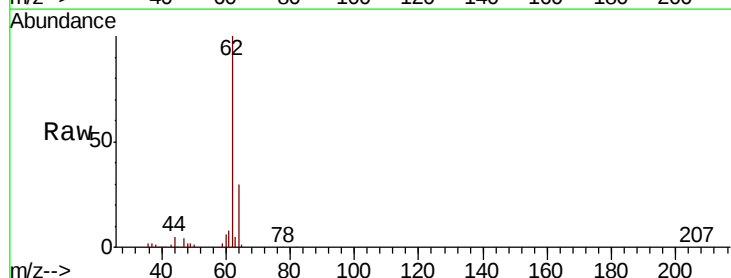
Acq: 24 Jun 2020 23:26

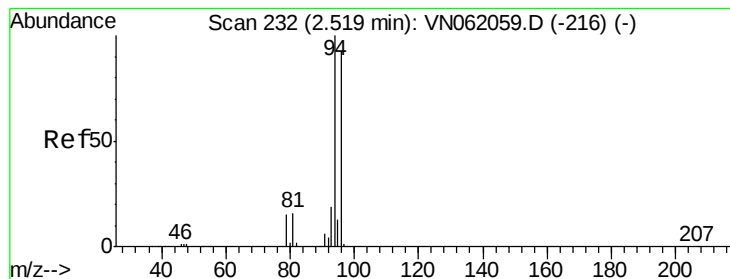
Tgt Ion: 62 Resp: 81902

Ion Ratio Lower Upper

62 100

64 30.3 25.1 37.7





#5

Bromomethane

Concen: 16.455 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

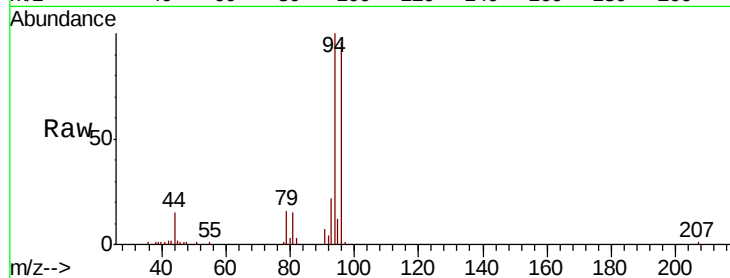
VN0624WBS02

Tot Ion: 94 Resp: 46753

Ion Ratio Lower Upper

94 100

96 95.5 73.4 110.2



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

Ion 95.90 (95.60 to 96.60): VN062059.D (-216) (-)

25000

20000

15000

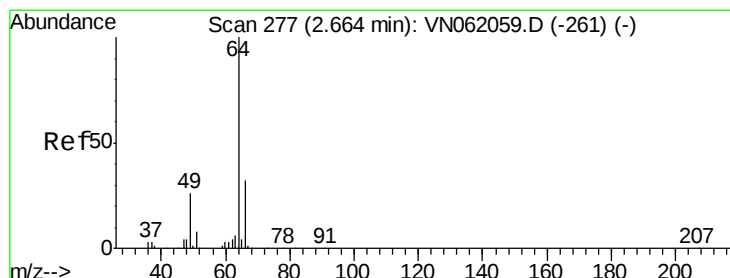
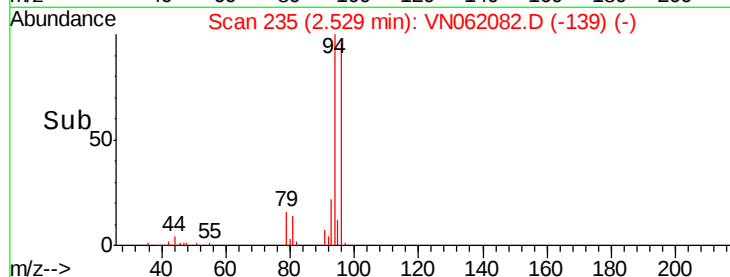
10000

5000

0

2.45 2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 18.711 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062082.D

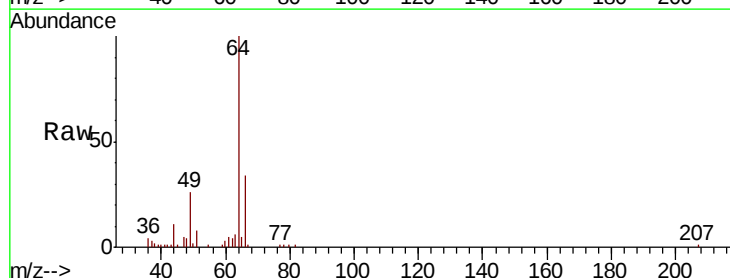
Acq: 24 Jun 2020 23:26

Tgt Ion: 64 Resp: 56193

Ion Ratio Lower Upper

64 100

66 33.6 25.8 38.6



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

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)

30000

25000

20000

15000

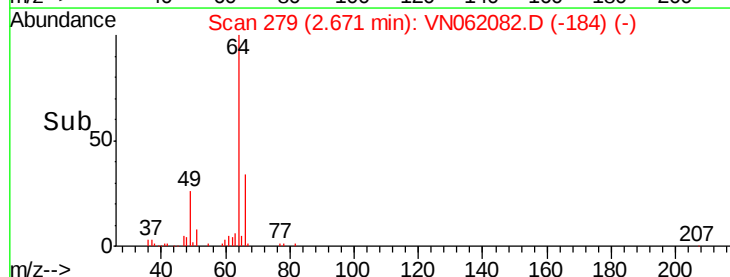
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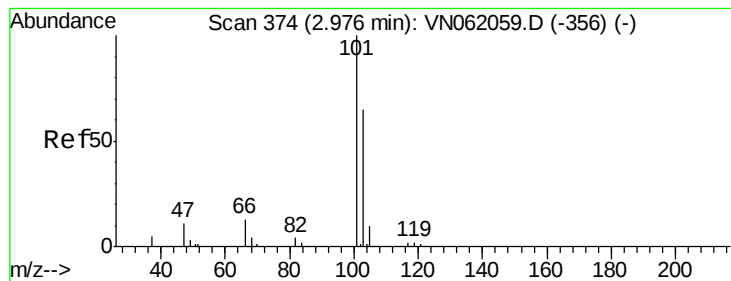
5000

0

2.60 2.65 2.70 2.75

Time-->



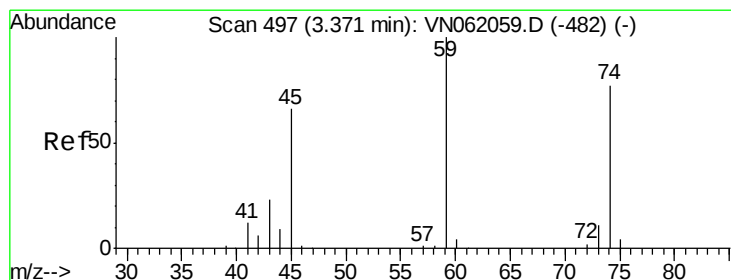
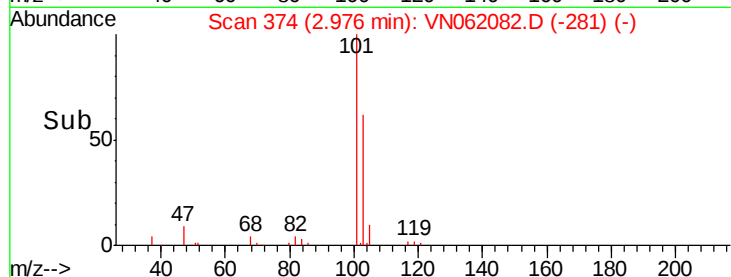
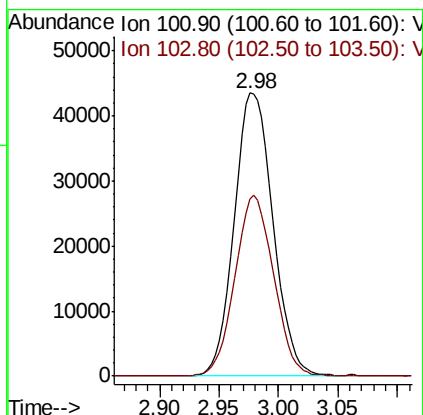
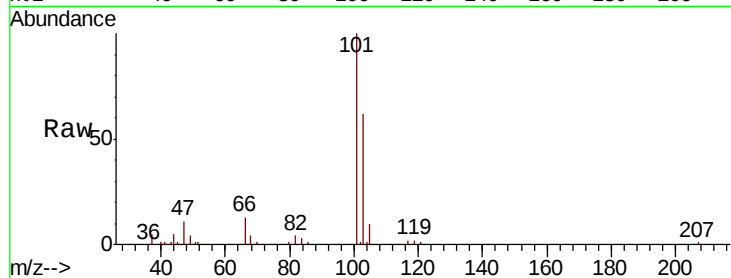


#7

Trichlorofluoromethane
 Concen: 18.155 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062082.D
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 VN0624WBS02

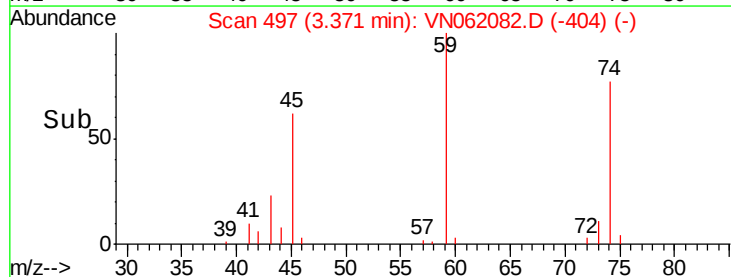
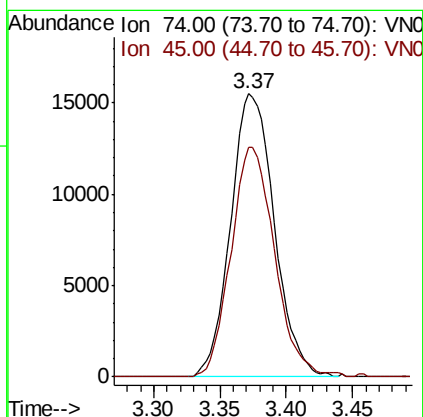
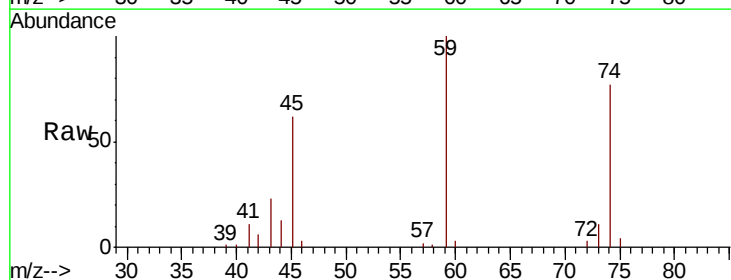
Tot Ion:101 Resp: 98351
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.8 77.6

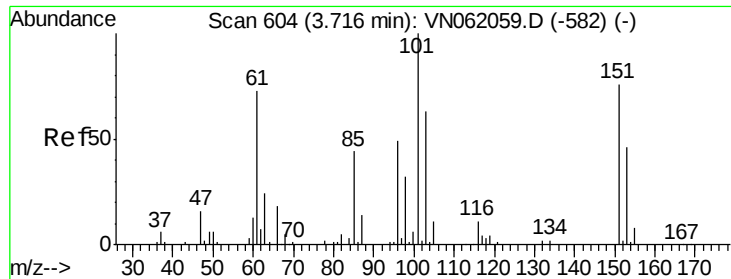


#8

Diethyl Ether
 Concen: 18.715 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Tgt Ion: 74 Resp: 35402
 Ion Ratio Lower Upper
 74 100
 45 80.7 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.809 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS02

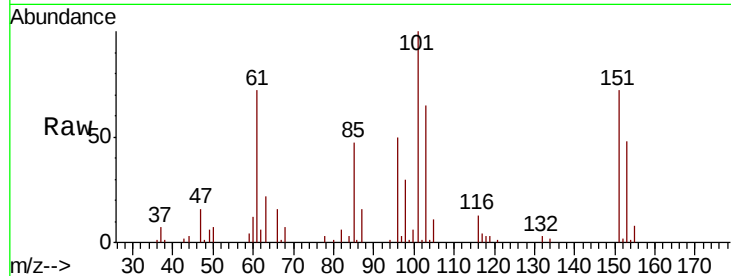
Tot Ion:101 Resp: 50520

Ion Ratio Lower Upper

101 100

85 45.2 34.5 51.7

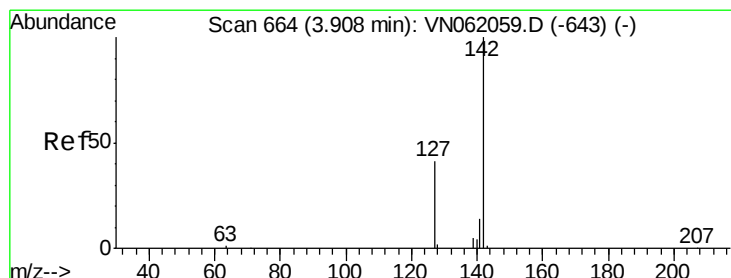
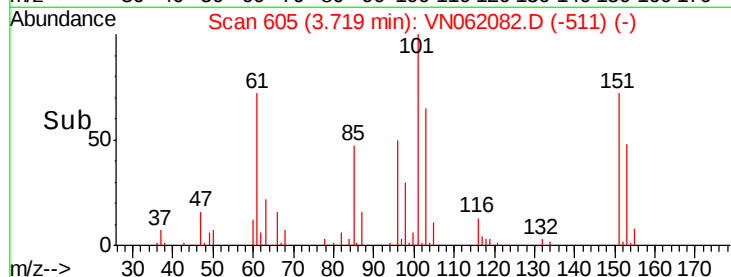
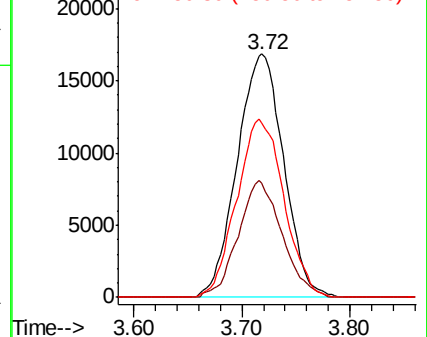
151 74.3 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.353 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

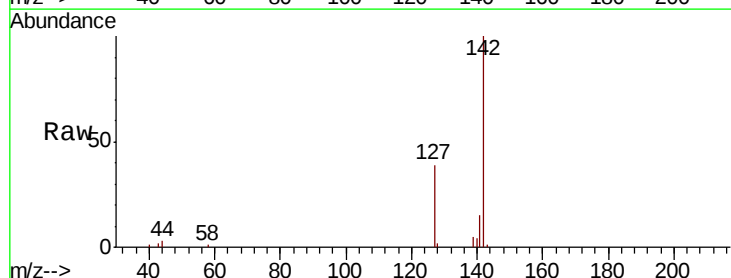
Tgt Ion:142 Resp: 45855

Ion Ratio Lower Upper

142 100

127 40.9 33.6 50.4

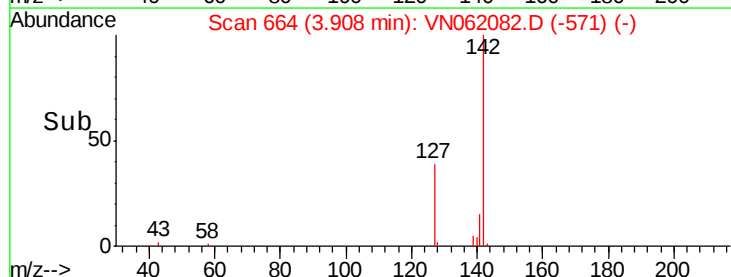
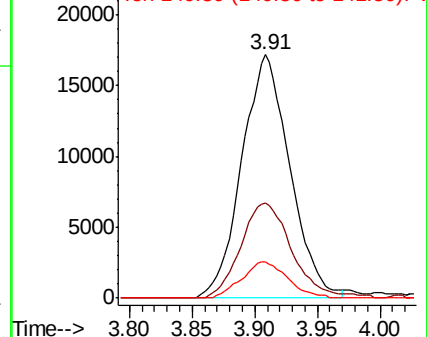
141 14.3 11.3 16.9

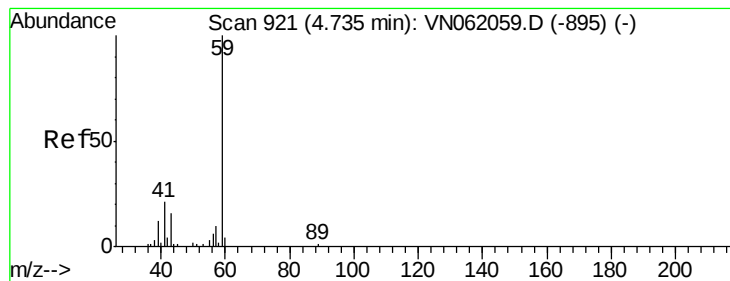


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.308 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampled :

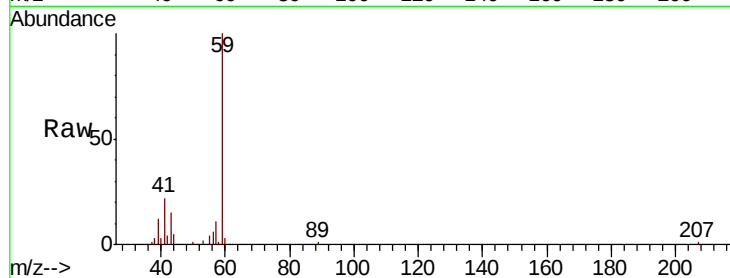
VN0624WBS02

Tot Ion: 59 Resp: 46433

Ion Ratio Lower Upper

59 100

57 9.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN062059.D (-895) (-)

Ion 57.00 (56.70 to 57.70): VN062059.D (-895) (-)

4.74

15000

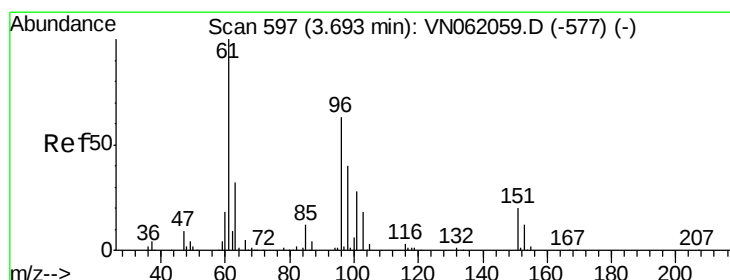
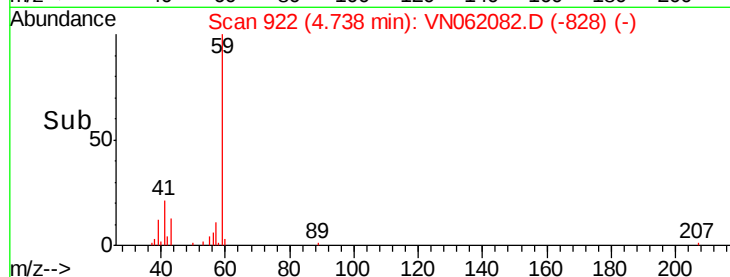
10000

5000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 18.602 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

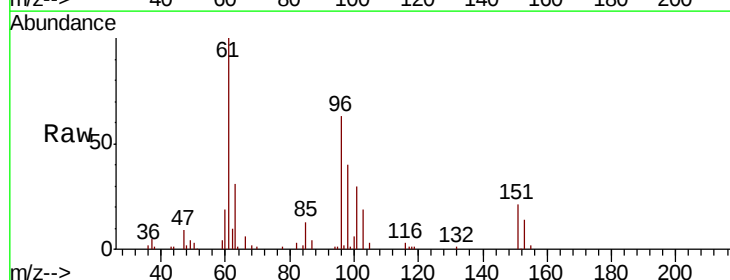
Tgt Ion: 96 Resp: 52753

Ion Ratio Lower Upper

96 100

61 159.9 126.7 190.1

98 64.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-577) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-577) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-577) (-)

3.70

40000

30000

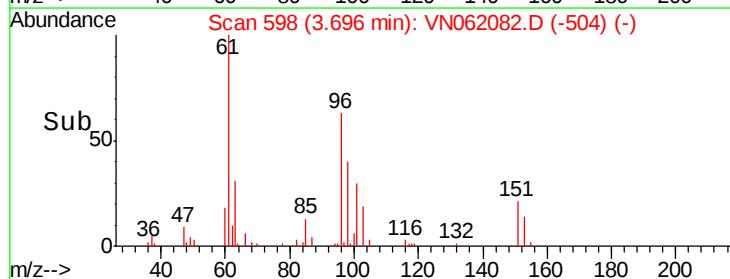
20000

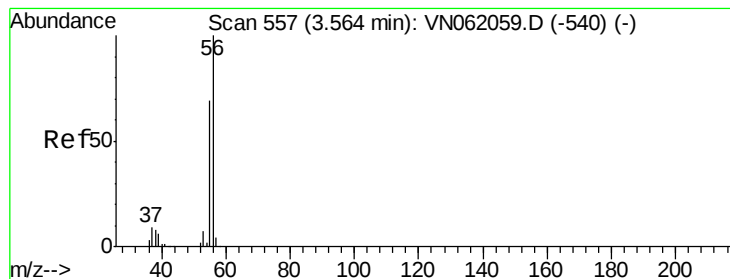
10000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 79.154 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

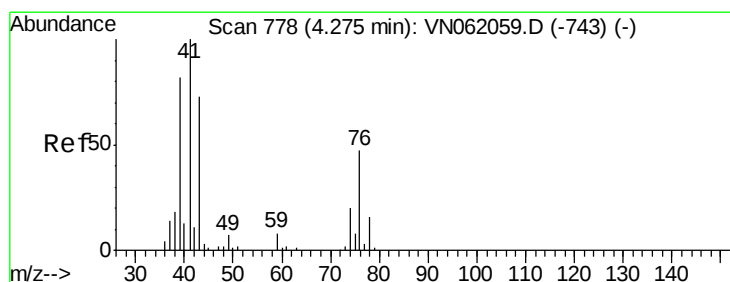
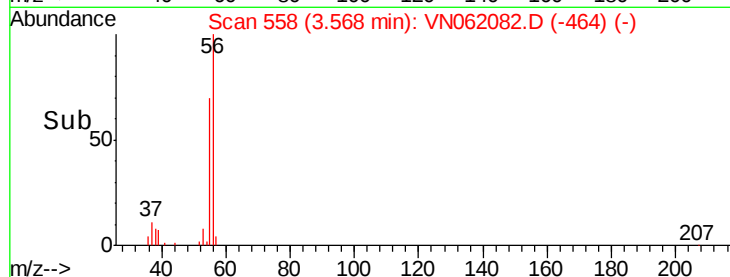
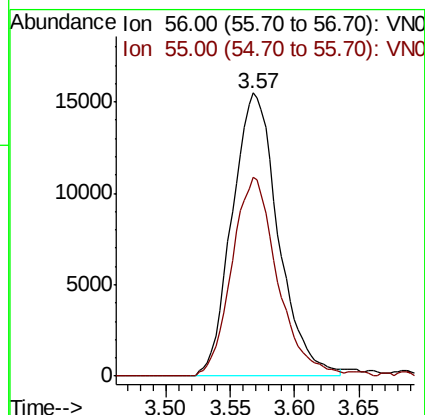
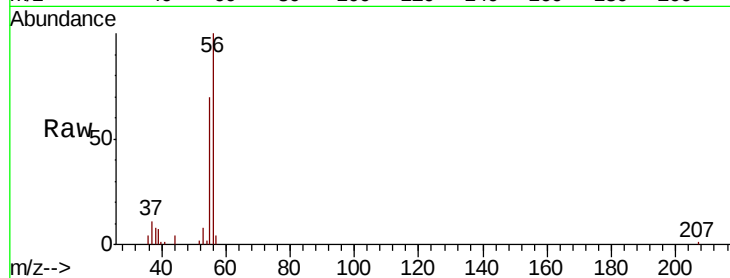
VN0624WBS02

Tot Ion: 56 Resp: 38565

Ion Ratio Lower Upper

56 100

55 69.4 55.5 83.3



#14

Allyl chloride

Concen: 18.158 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

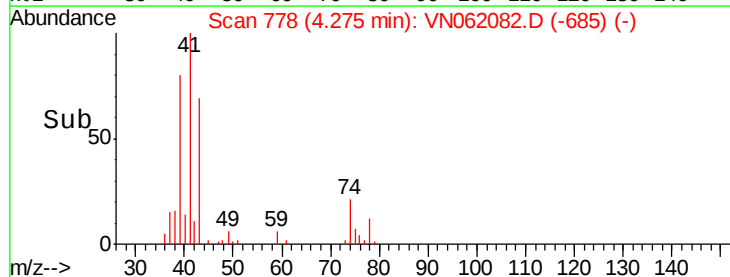
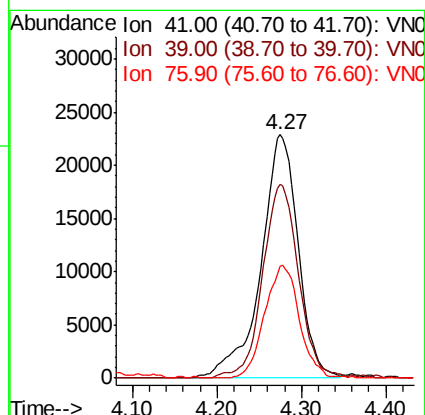
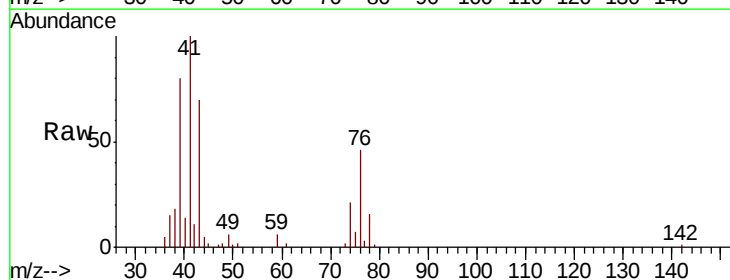
Tgt Ion: 41 Resp: 70110

Ion Ratio Lower Upper

41 100

39 76.6 60.0 90.0

76 43.0 34.1 51.1





#15

Acrylonitrile

Concen: 92.224 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS02

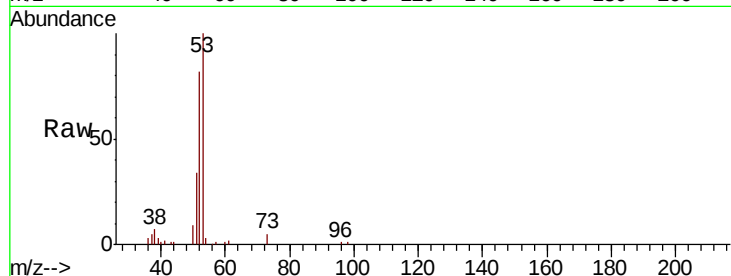
Tot Ion: 53 Resp: 125062

Ion Ratio Lower Upper

53 100

52 80.6 66.2 99.4

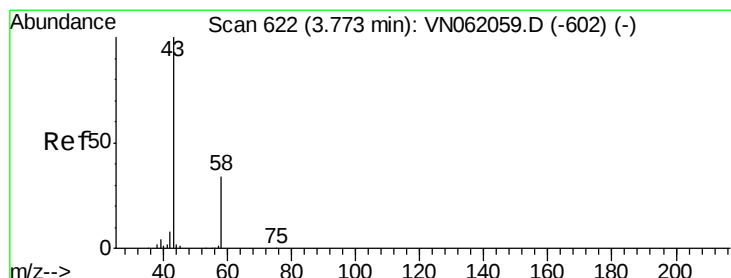
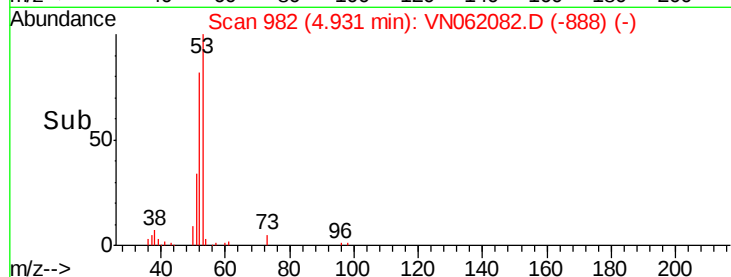
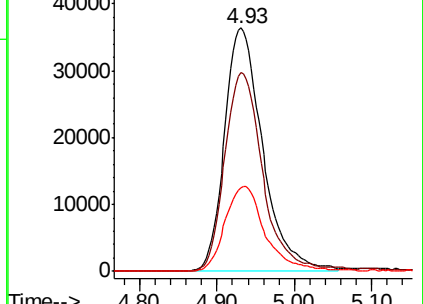
51 36.4 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062059.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062059.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062059.D (-959) (-)



#16

Acetone

Concen: 87.534 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062082.D

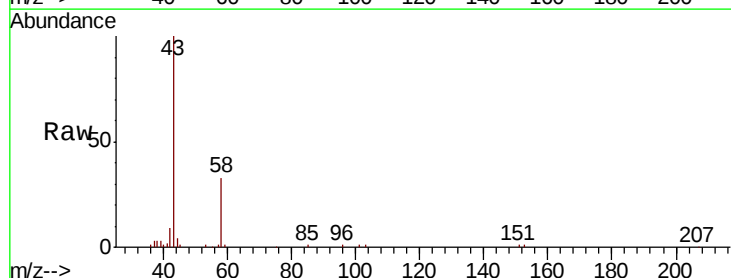
Acq: 24 Jun 2020 23:26

Tgt Ion: 43 Resp: 98093

Ion Ratio Lower Upper

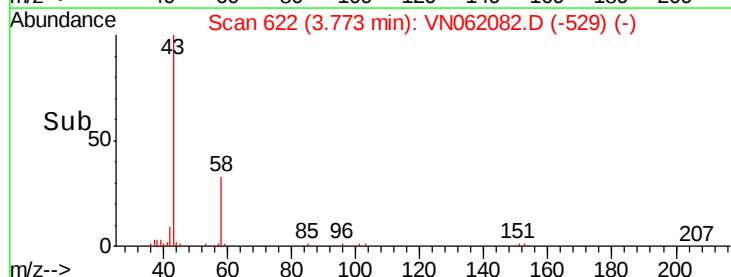
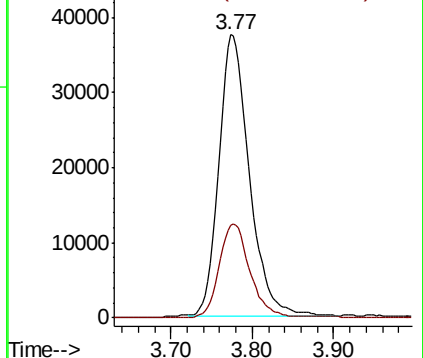
43 100

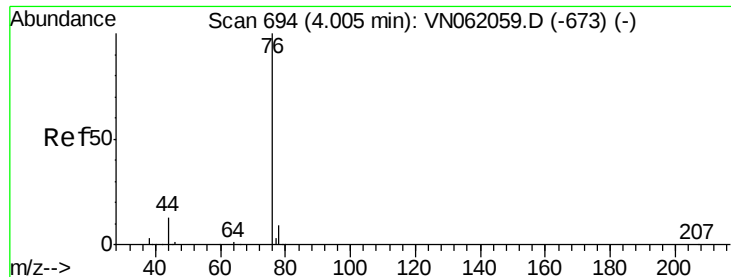
58 32.8 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-602) (-)

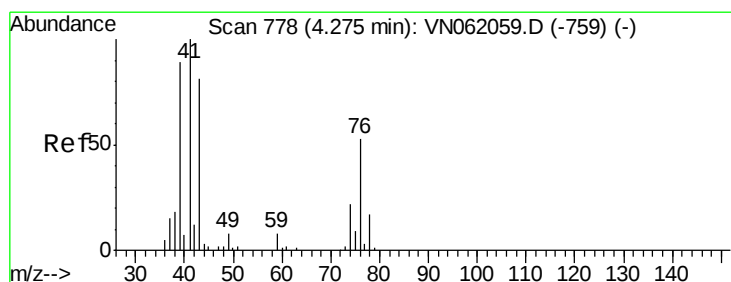
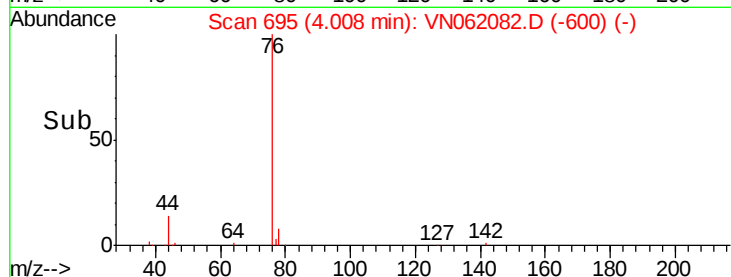
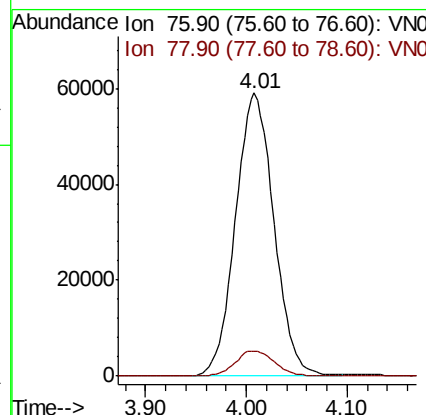
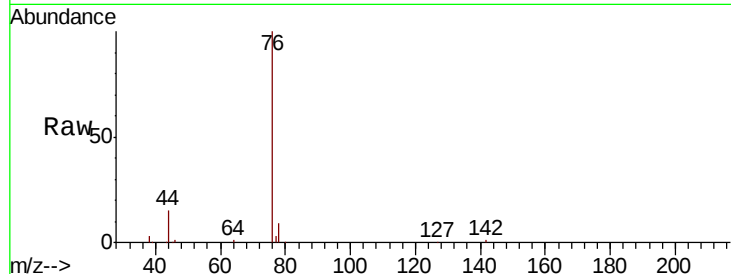




#17
Carbon Disulfide
Concen: 19.255 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

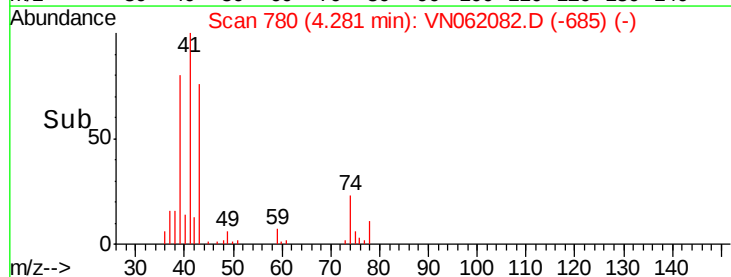
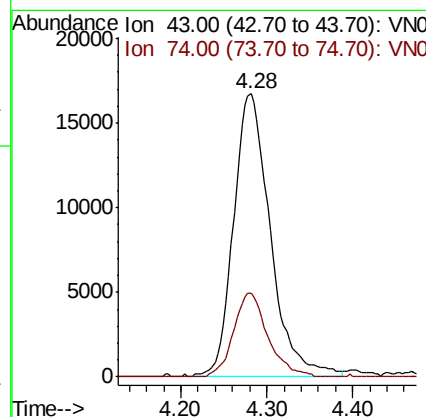
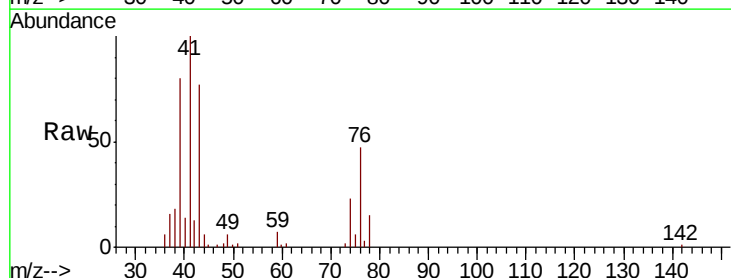
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS02

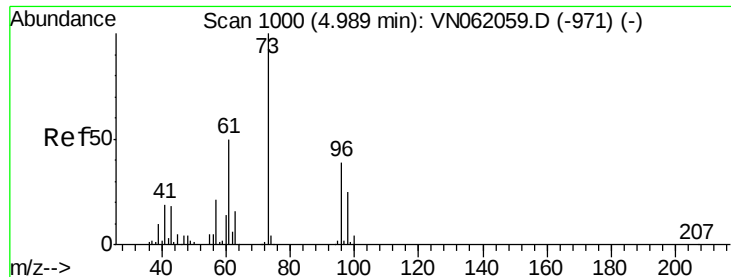
Tot Ion: 76 Resp: 156154
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 18.079 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion: 43 Resp: 49812
Ion Ratio Lower Upper
43 100
74 27.5 22.9 34.3

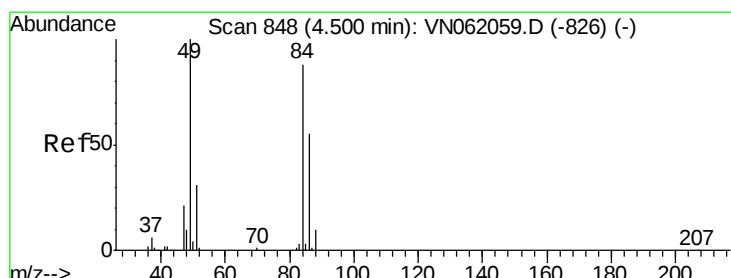
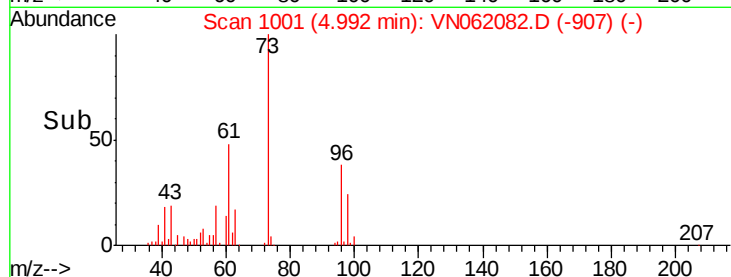
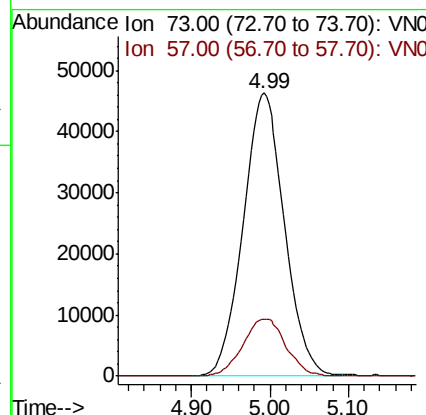
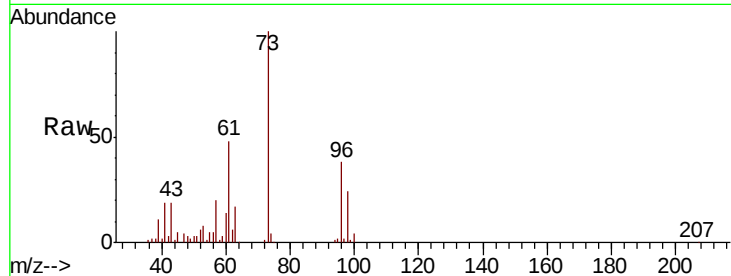




#19
Methvl tert-butvl Ether
Concen: 18.799 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

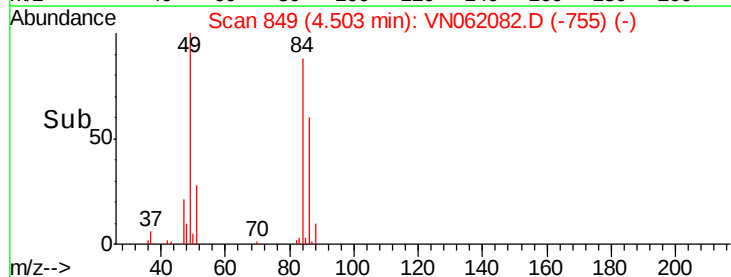
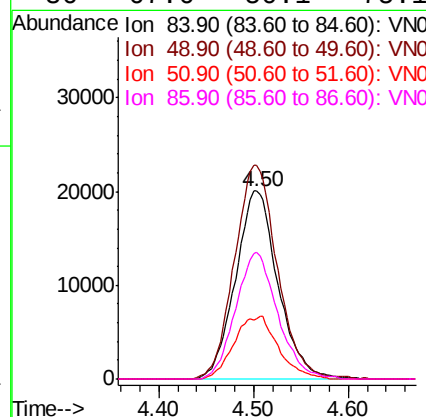
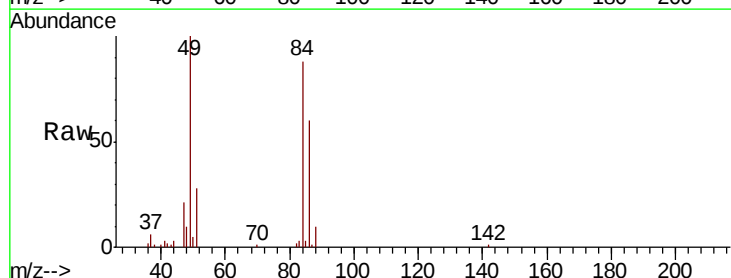
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS02

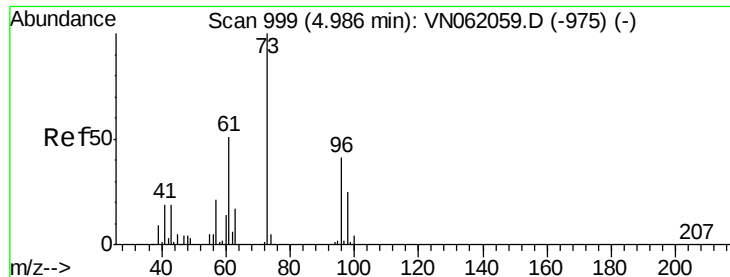
Tot Ion: 73 Resp: 170354
Ion Ratio Lower Upper
73 100
57 20.2 16.6 24.8



#20
Methylene Chloride
Concen: 19.508 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion: 84 Resp: 62488
Ion Ratio Lower Upper
84 100
49 113.4 90.6 136.0
51 31.9 27.8 41.8
86 67.6 50.1 75.1

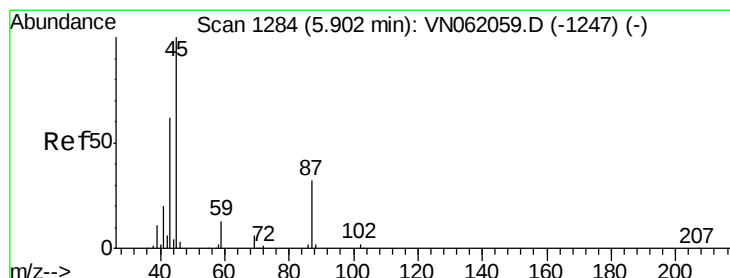
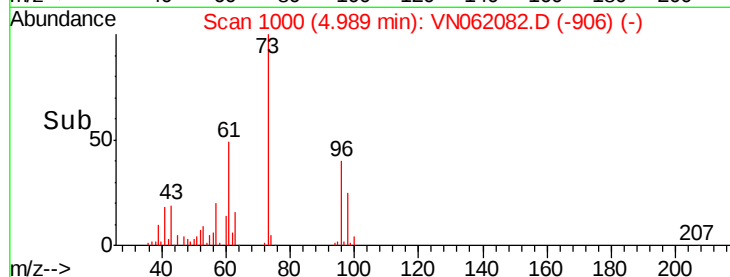
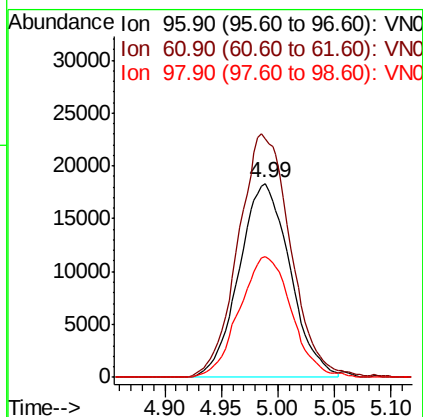
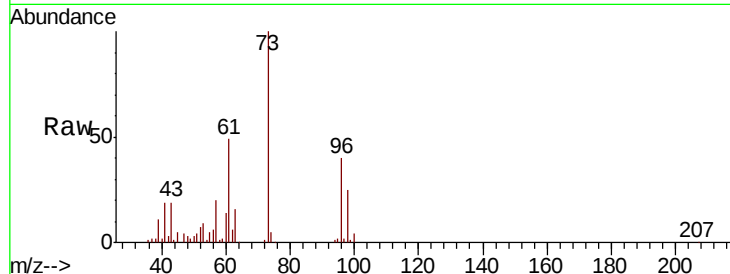




#21
trans-1,2-Dichloroethene
Concen: 17.804 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

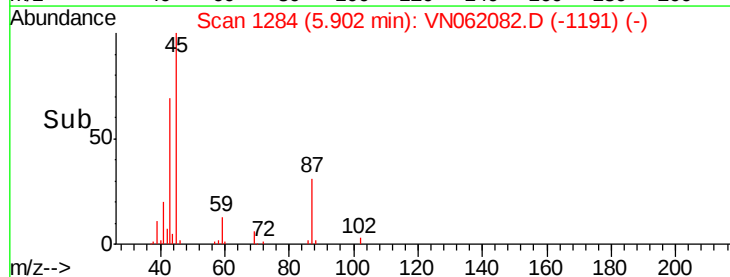
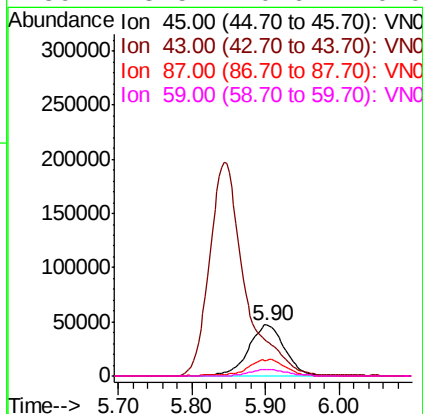
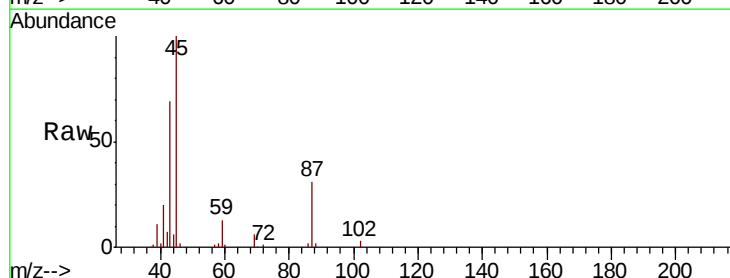
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS02

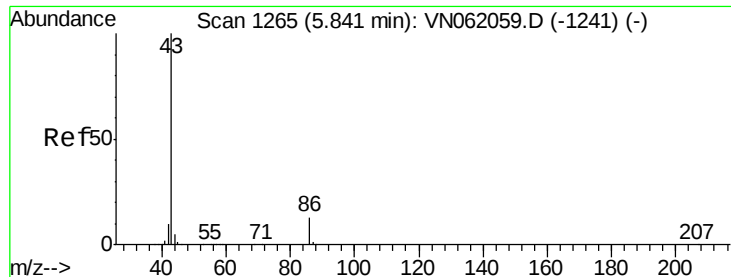
Tot Ion: 96 Resp: 57520
Ion Ratio Lower Upper
96 100
61 123.3 101.4 152.2
98 62.6 49.3 73.9



#22
Diisopropyl ether
Concen: 18.251 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion: 45 Resp: 160453
Ion Ratio Lower Upper
45 100
43 66.2 49.7 74.5
87 31.1 25.9 38.9
59 13.5 10.6 16.0





#23

Vinyl Acetate

Concen: 91.618 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

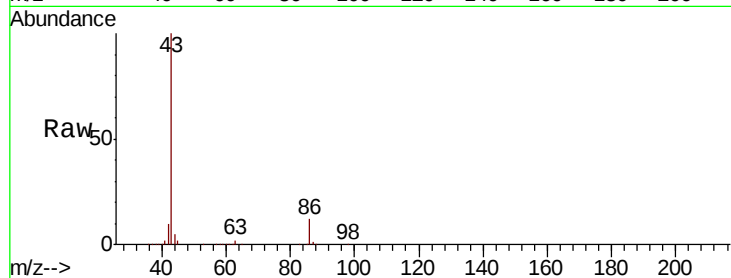
VN0624WBS02

Tot Ion: 43 Resp: 657594

Ion Ratio Lower Upper

43 100

86 12.2 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

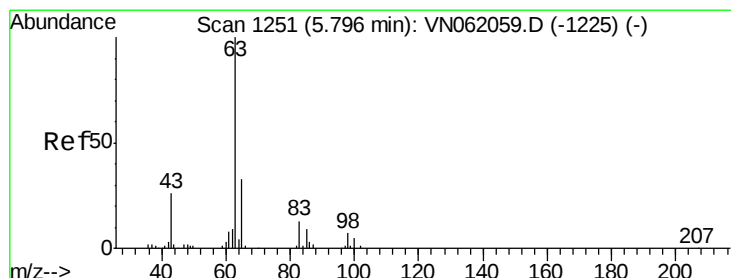
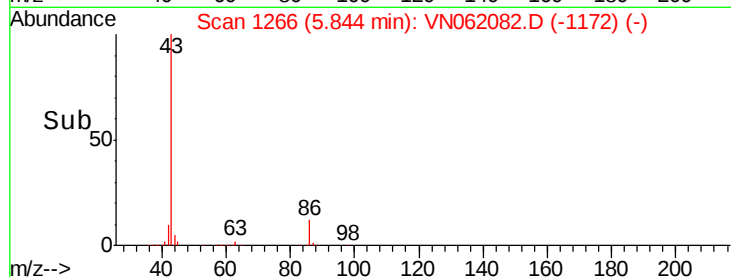
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.268 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

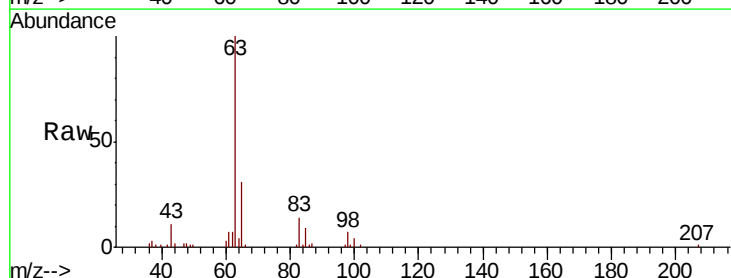
Tgt Ion: 63 Resp: 103414

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.1 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) (-)

5.79

40000

30000

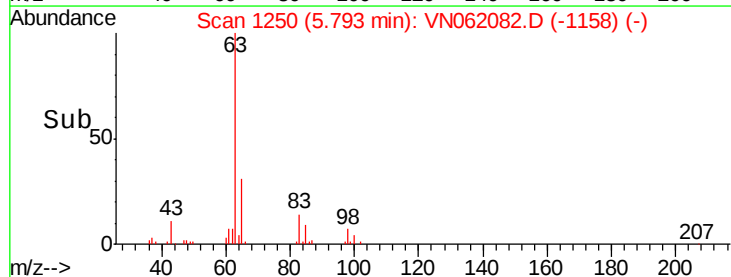
20000

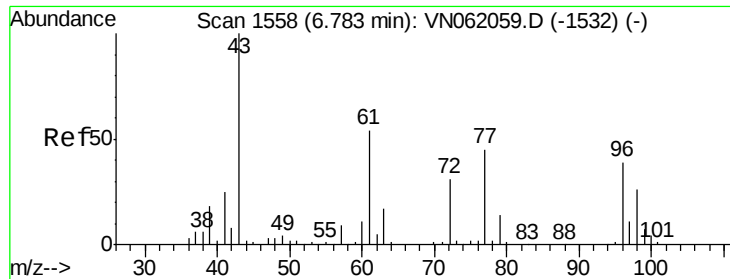
10000

0

5.70 5.80 5.90

Time-->

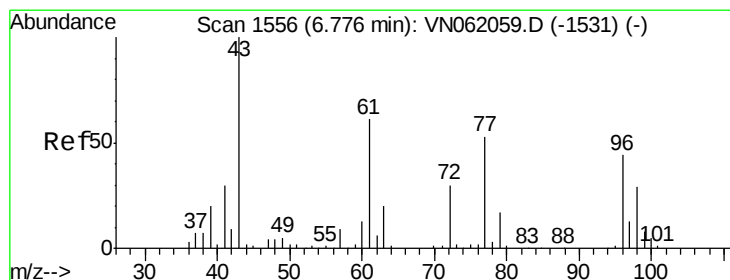
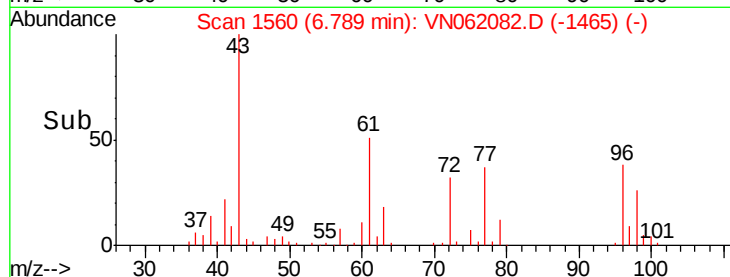
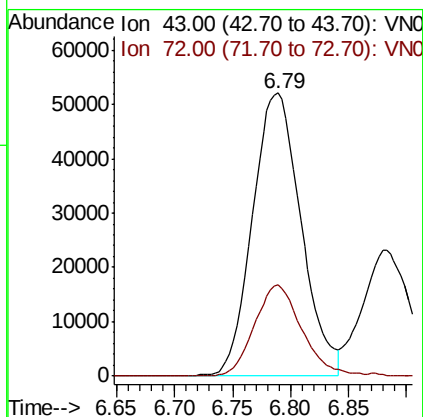
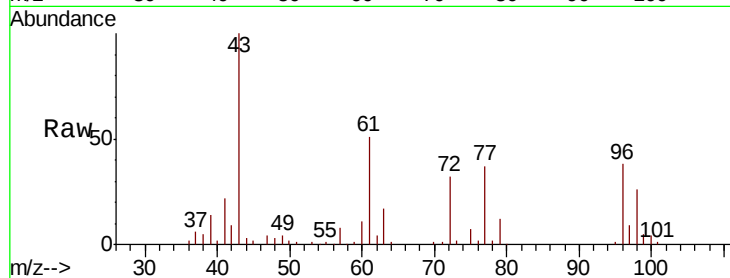




#25
2-Butanone
Concen: 89.756 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

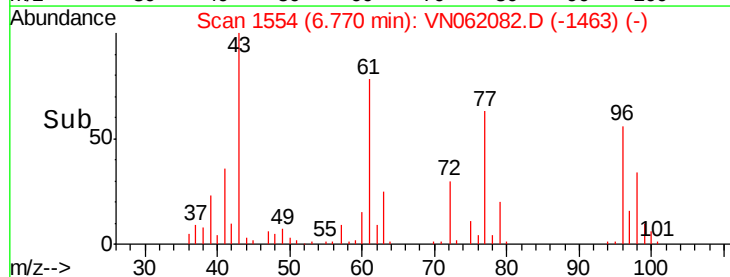
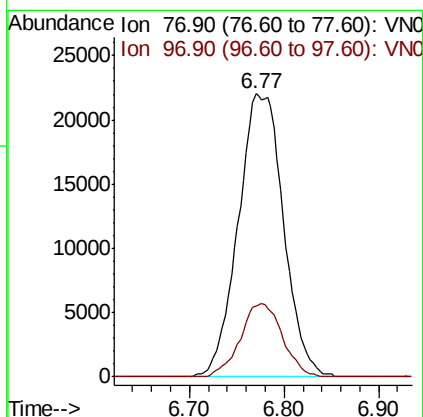
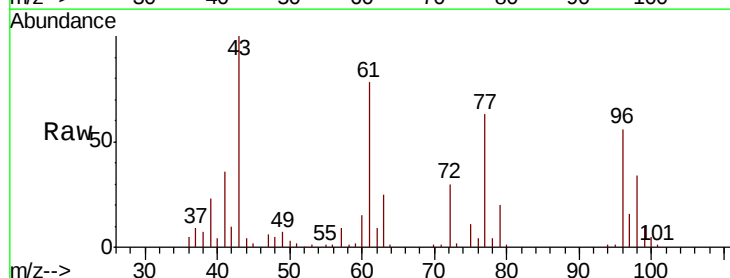
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS02

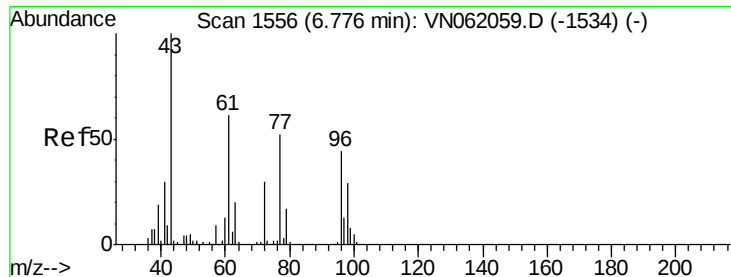
Tot Ion: 43 Resp: 152057
Ion Ratio Lower Upper
43 100
72 32.1 24.8 37.2



#26
2,2-Dichloropropane
Concen: 15.483 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion: 77 Resp: 73041
Ion Ratio Lower Upper
77 100
97 24.1 11.8 35.3

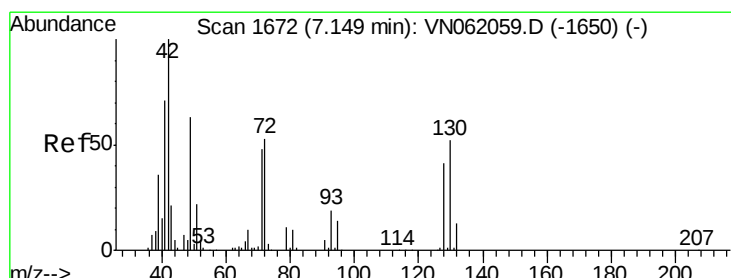
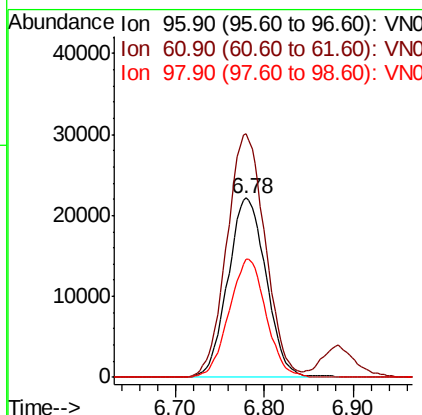
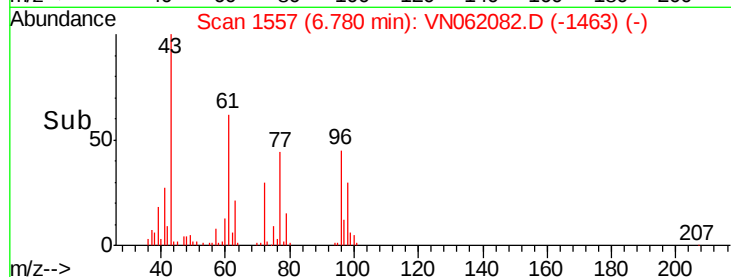
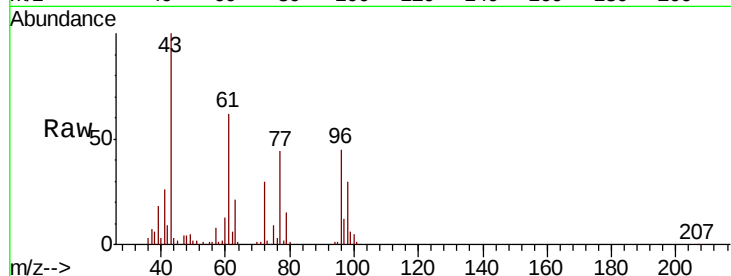




#27
 cis-1,2-Dichloroethene
 Concen: 18.139 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

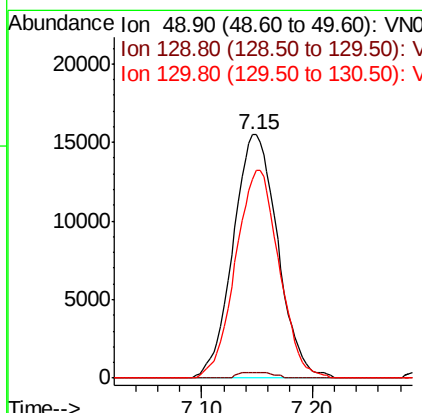
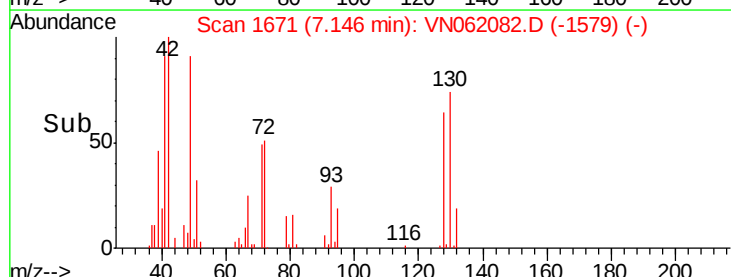
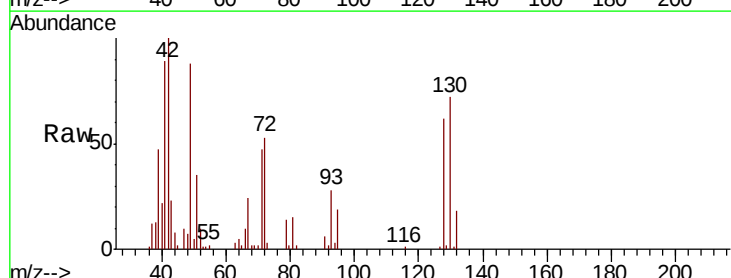
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS02

Tot Ion: 96 Resp: 65940
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 280.4
 98 63.5 0.0 129.4



#28
 Bromochloromethane
 Concen: 17.677 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Tgt Ion: 49 Resp: 43418
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.4
 130 83.3 65.5 98.3

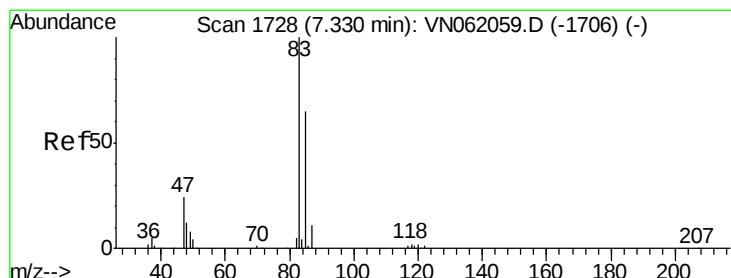
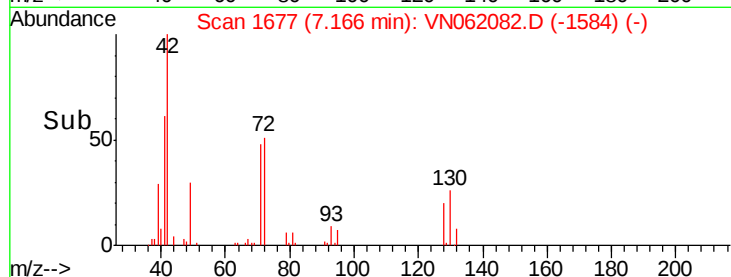
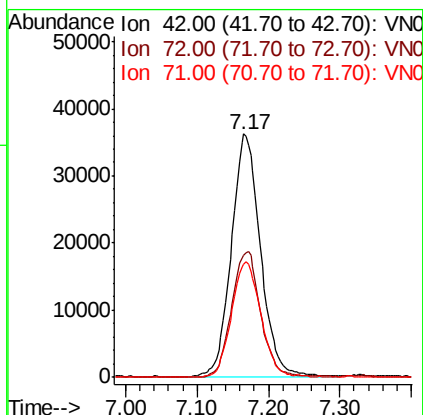
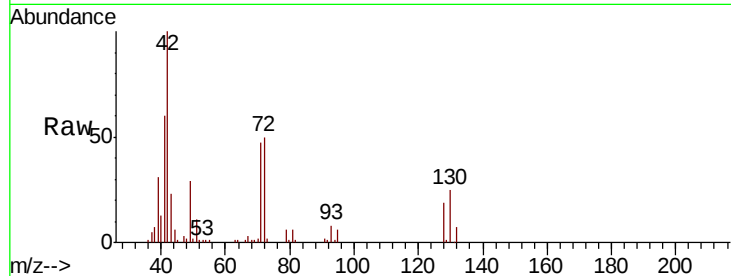




#29
Tetrahydrofuran
Concen: 93.825 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

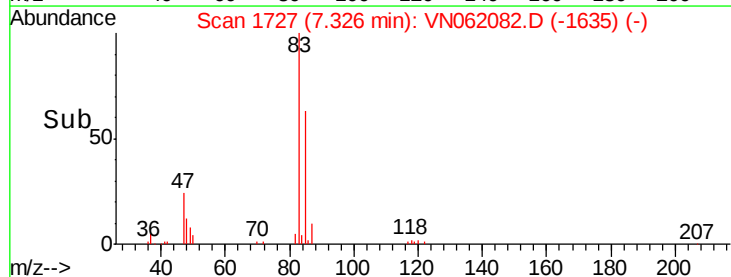
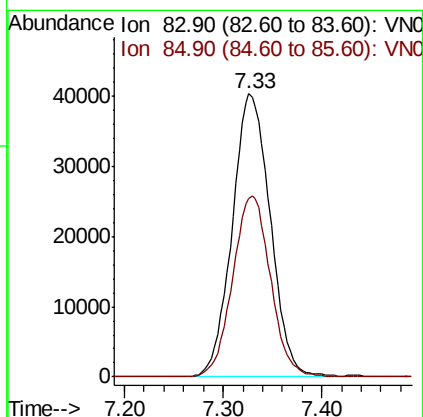
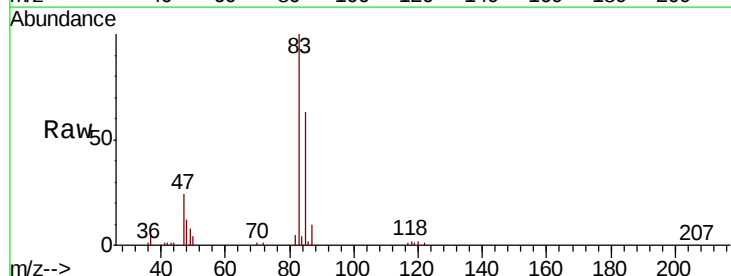
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS02

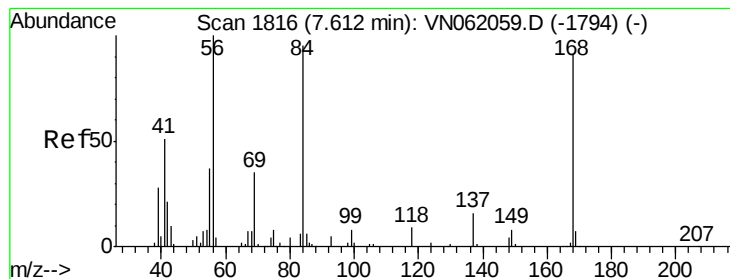
Tot Ion: 42 Resp: 104120
Ion Ratio Lower Upper
42 100
72 51.0 41.1 61.7
71 47.2 38.2 57.4



#30
Chloroform
Concen: 18.741 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion: 83 Resp: 107943
Ion Ratio Lower Upper
83 100
85 63.1 52.3 78.5





#31

Cyclohexane

Concen: 18.307 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS02

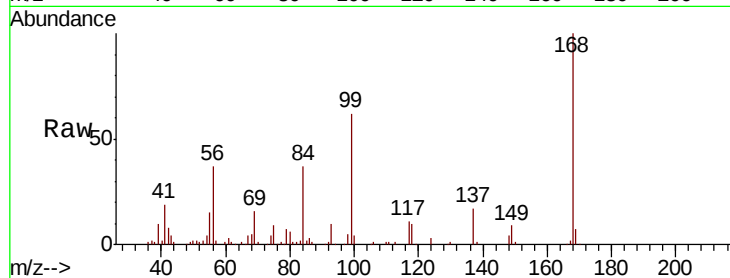
Tot Ion: 56 Resp: 87663

Ion Ratio Lower Upper

56 100

69 41.7 28.0 42.0

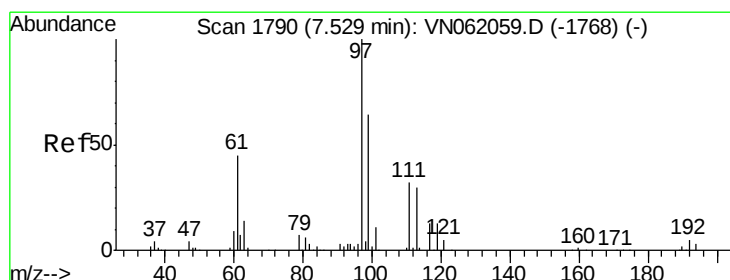
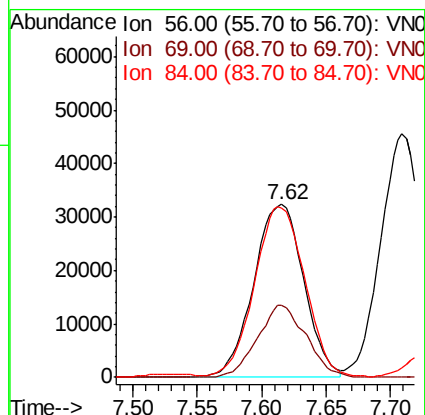
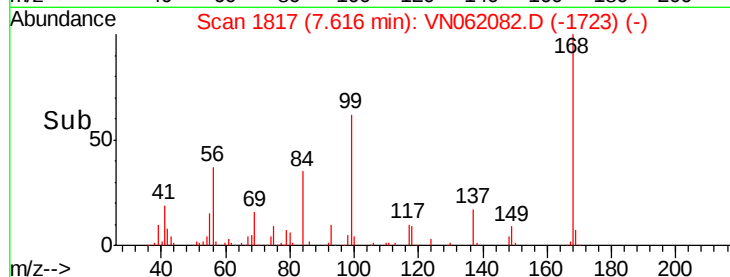
84 96.7 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062059.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 18.528 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

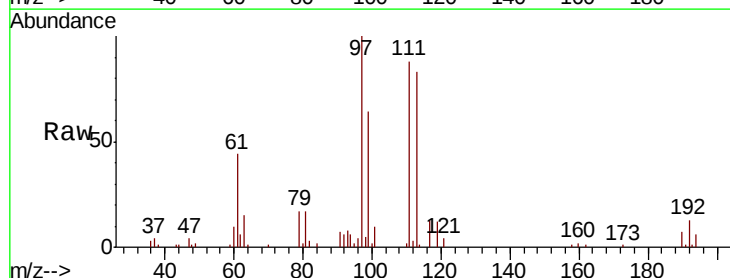
Tgt Ion: 97 Resp: 89998

Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.4

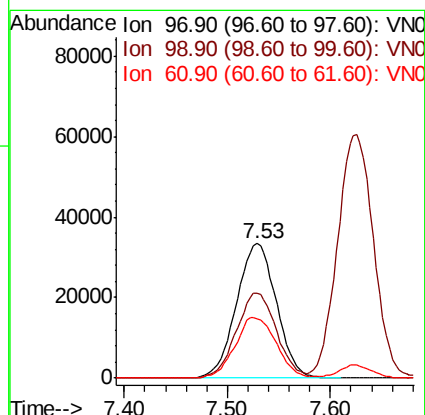
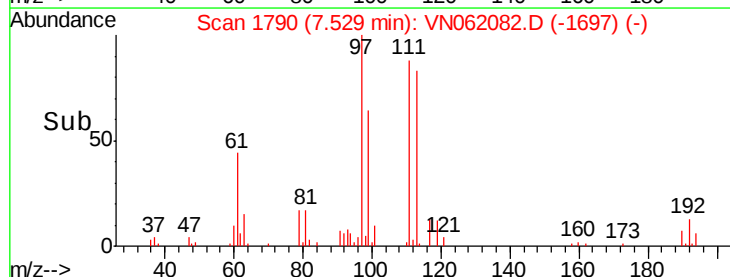
61 46.6 36.2 54.2

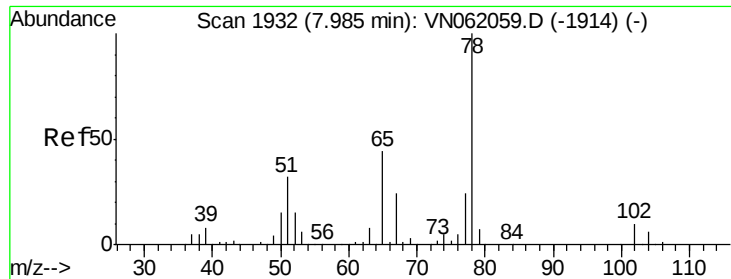


Abundance Ion 96.90 (96.60 to 97.60): VN062059.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN062059.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1768) (-)

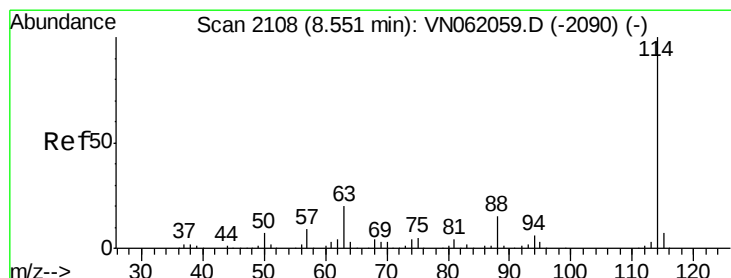
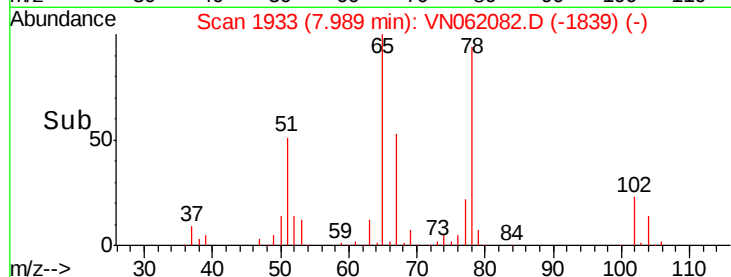
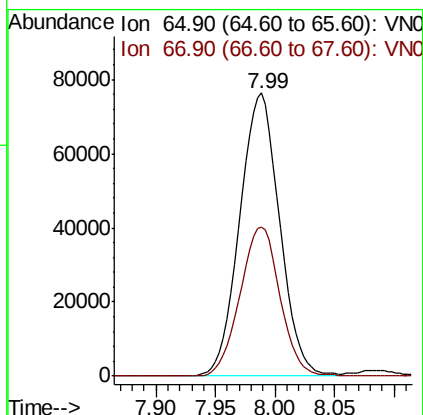
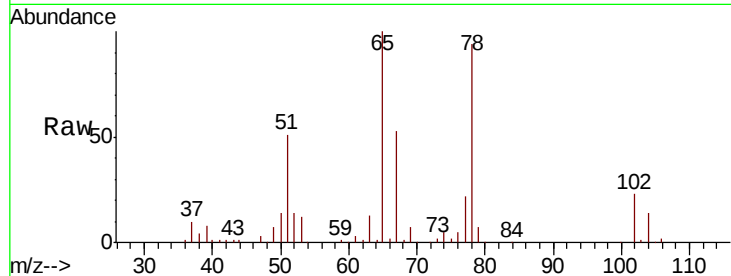




#33
 1,2-Dichloroethane-d4
 Concen: 51.220 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

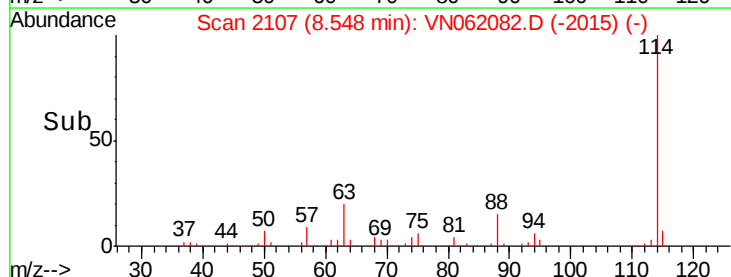
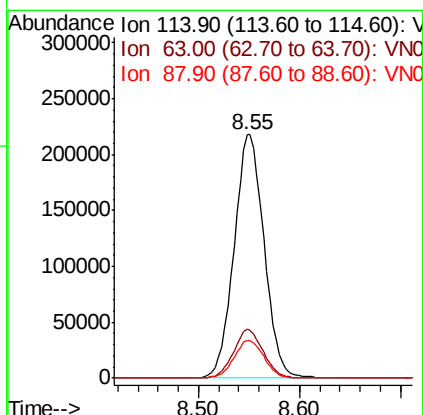
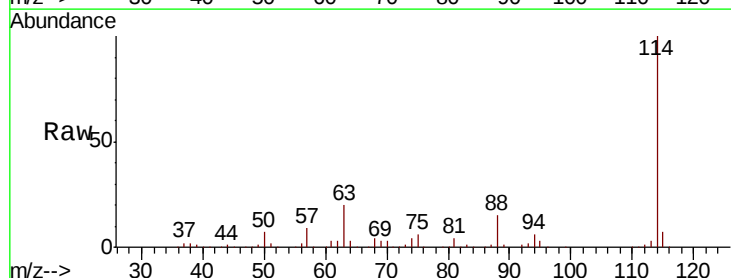
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS02

Tot Ion: 65 Resp: 177525
 Ion Ratio Lower Upper
 65 100
 67 52.8 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: VN062082.D
 Acq: 24 Jun 2020 23:26

Tgt Ion: 114 Resp: 449904
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.2
 88 15.5 0.0 30.8

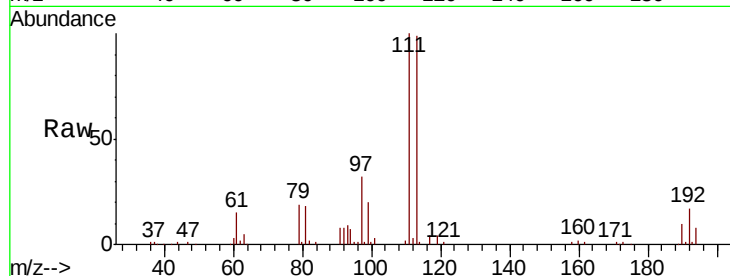




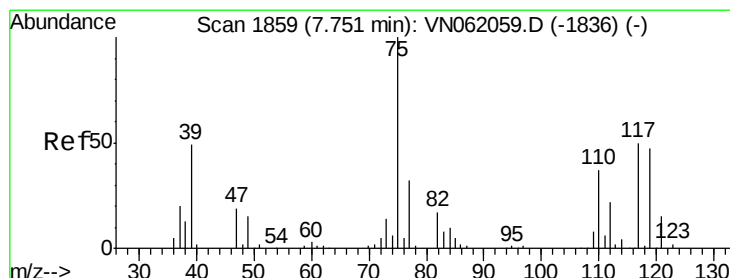
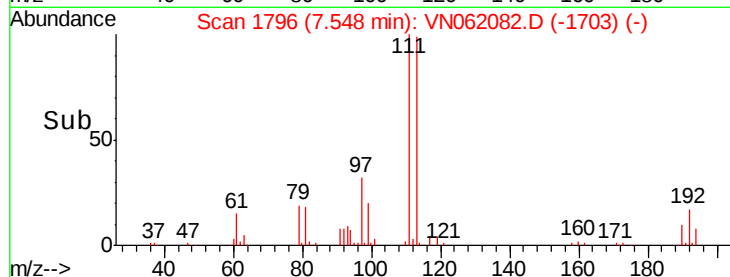
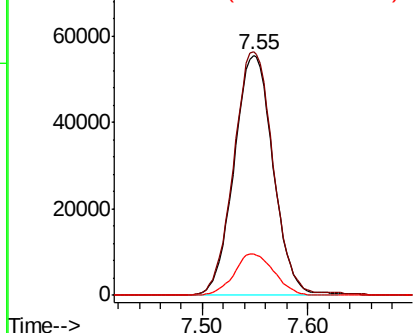
#35
 Dibromofluoromethane
 Concen: 49.518 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	17.6	14.0	21.0

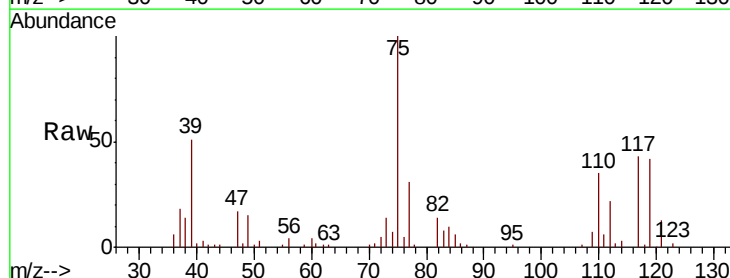


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

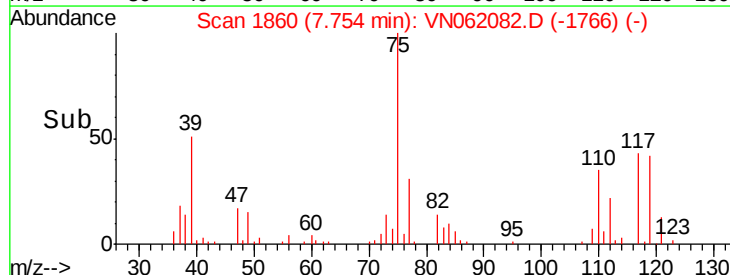
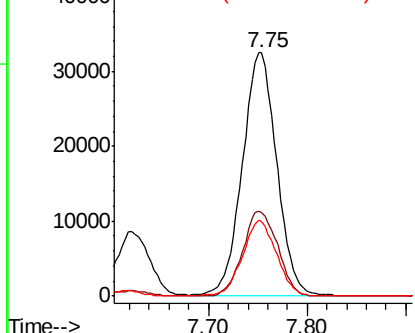


#36
 1,1-Dichloropropene
 Concen: 17.399 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.9	53.8
77	30.4	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

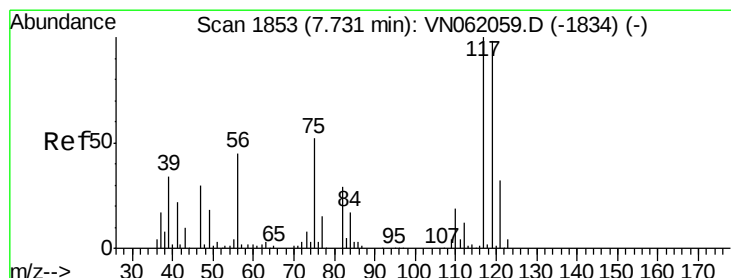
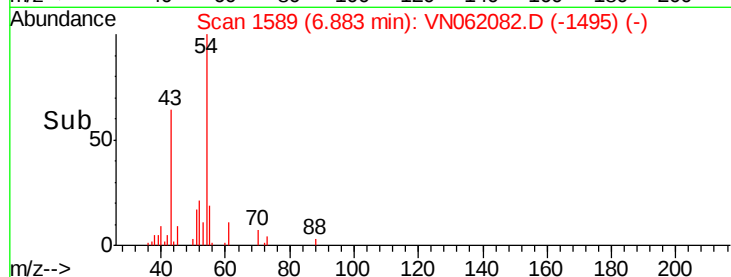
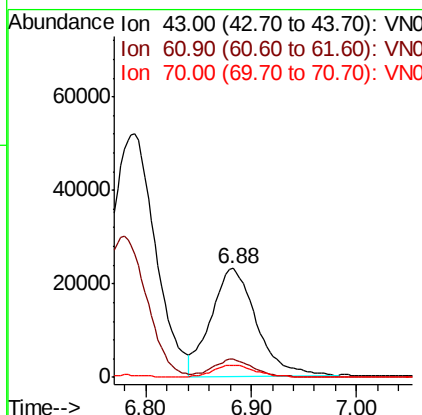
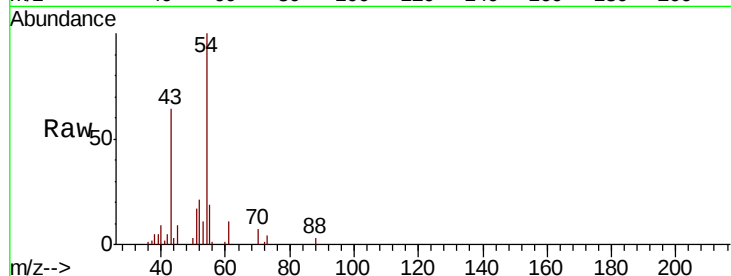




#37
Ethyl Acetate
Concen: 18.346 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

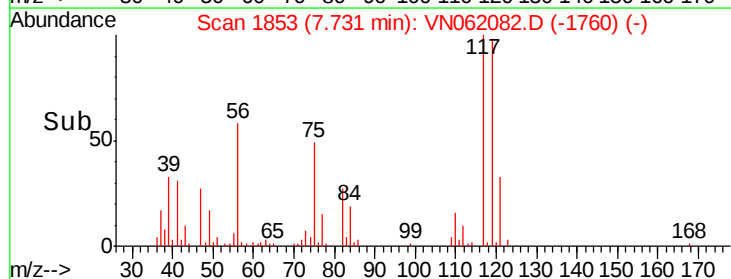
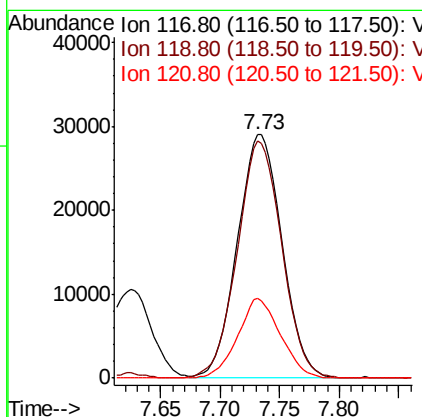
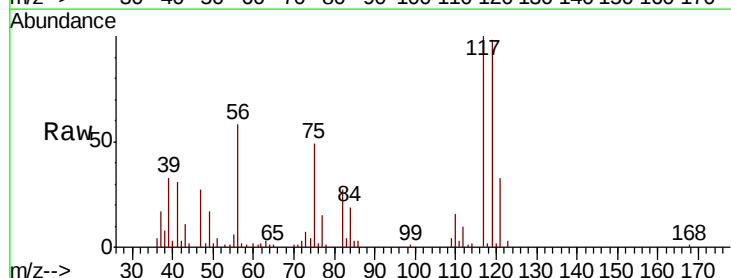
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS02

Tot Ion: 43 Resp: 68700
Ion Ratio Lower Upper
43 100
61 15.3 12.0 18.0
70 11.0 9.6 14.4



#38
Carbon Tetrachloride
Concen: 17.713 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion: 117 Resp: 75517
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.2
121 32.6 25.8 38.6

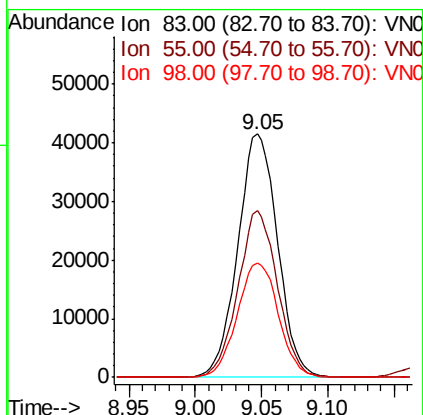
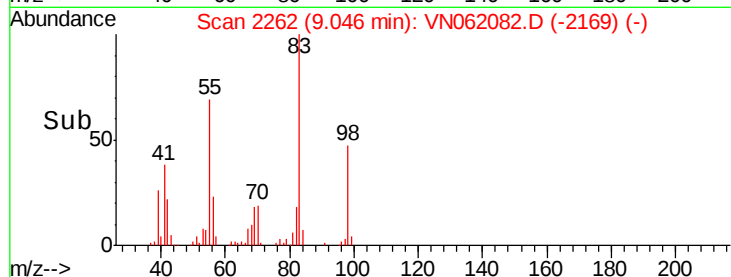
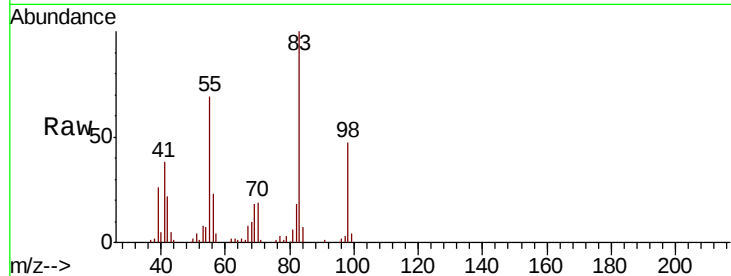




#39
Methvlcvclohexane
Concen: 17.448 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

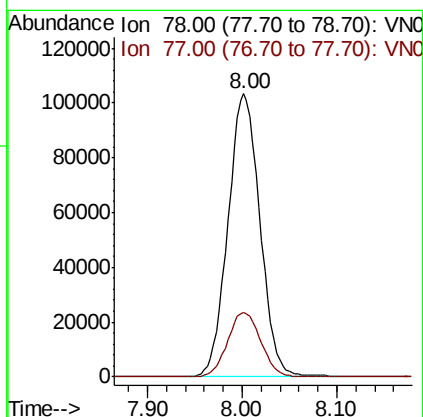
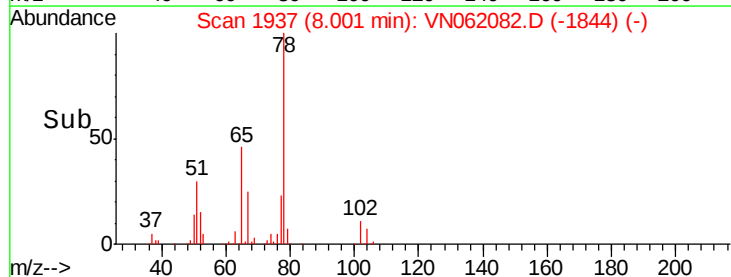
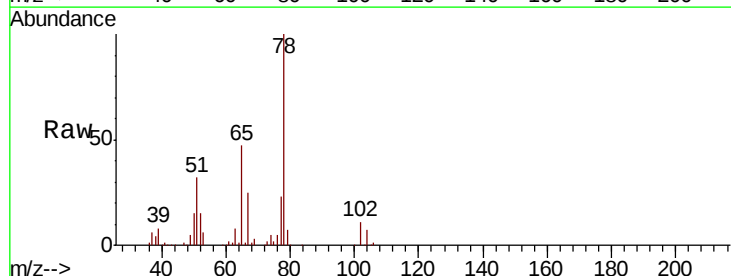
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS02

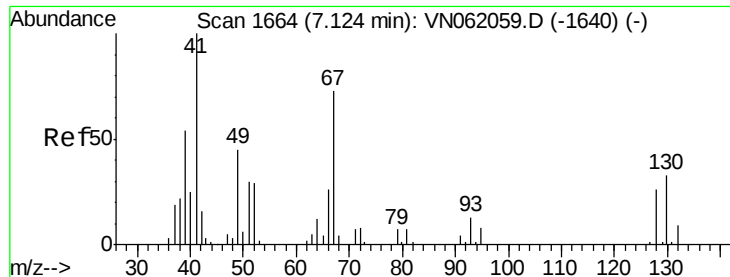
Tot Ion	83	Resp	86455
Ion	Ratio	Lower	Upper
83	100		
55	68.8	57.0	85.6
98	46.9	39.0	58.6



#40
Benzene
Concen: 17.612 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion	78	Resp	242760
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.5	29.3

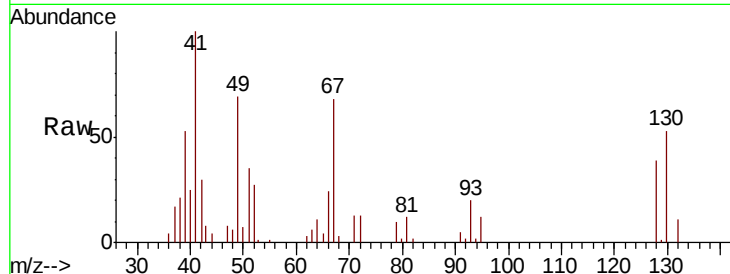




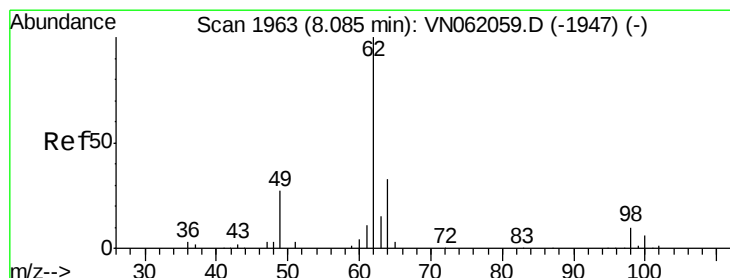
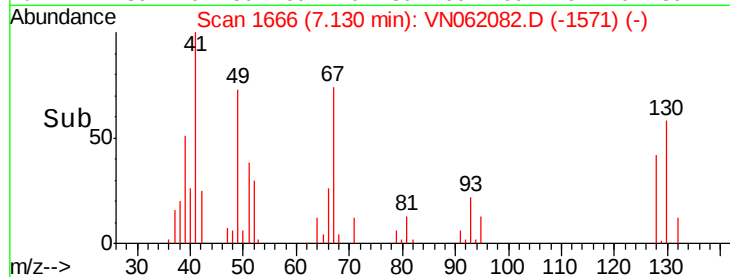
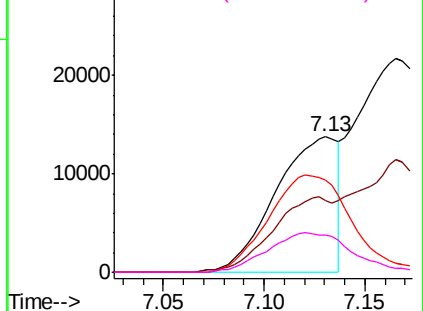
#41
Methacrylonitrile
Concen: 16.973 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Instrument :
MSVOA_N
ClientSampleID :
VN0624WBS02

Tot Ion:	41	Resp:	29465
Ion	Ratio	Lower	Upper
41	100		
39	51.9	44.2	66.2
67	96.2	79.5	119.3
52	39.7	32.3	48.5

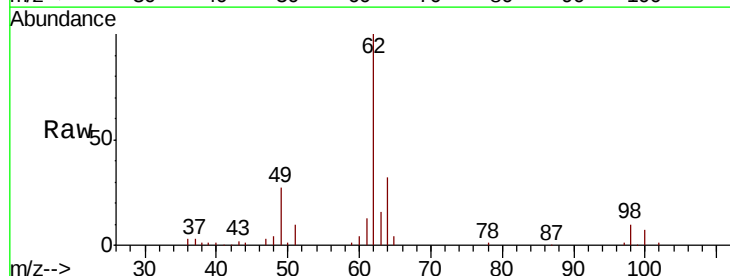


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

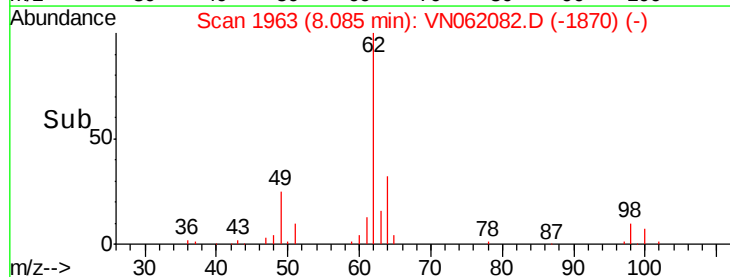
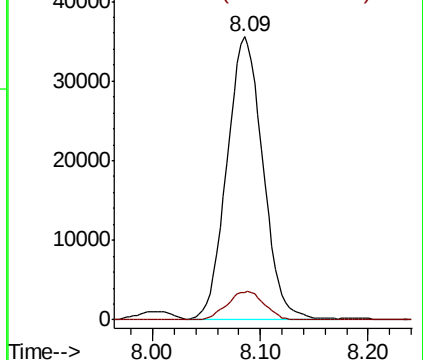


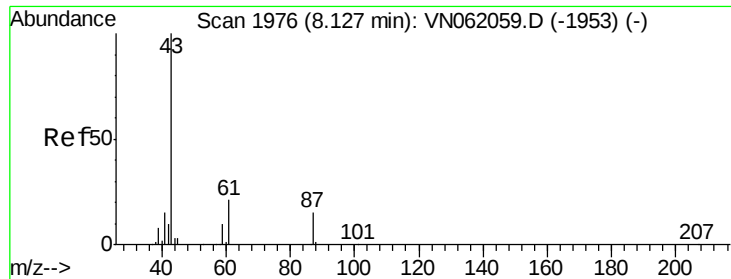
#42
1,2-Dichloroethane
Concen: 17.855 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion:	62	Resp:	83150
Ion	Ratio	Lower	Upper
62	100		
98	10.3	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: 17.462 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS02

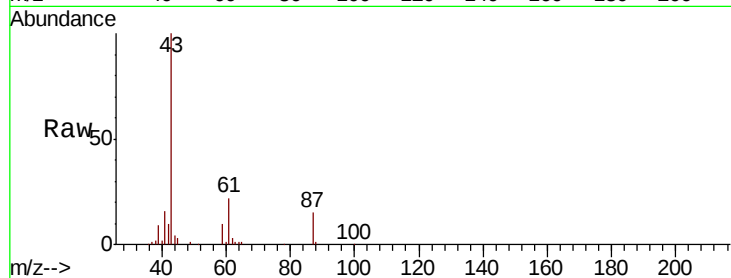
Tot Ion: 43 Resp: 106592

Ion Ratio Lower Upper

43 100

61 23.2 17.2 25.8

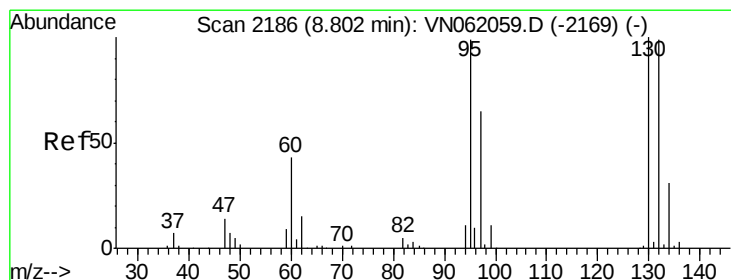
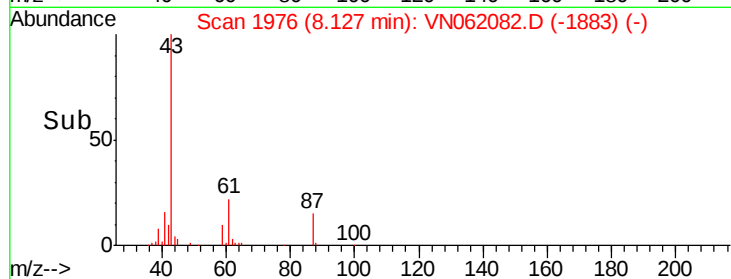
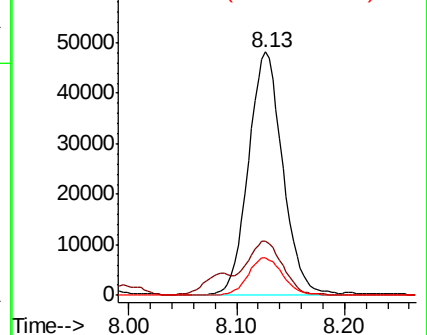
87 15.6 12.1 18.1



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: 17.426 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062082.D

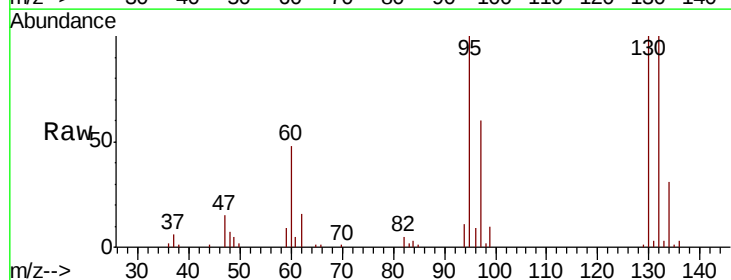
Acq: 24 Jun 2020 23:26

Tgt Ion:130 Resp: 60589

Ion Ratio Lower Upper

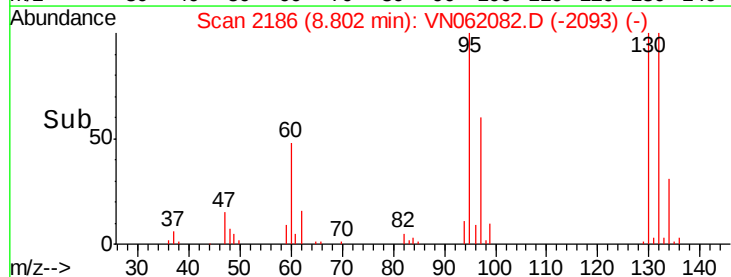
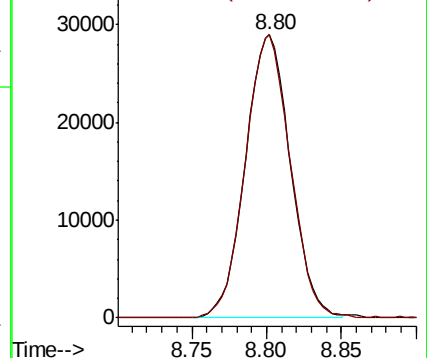
130 100

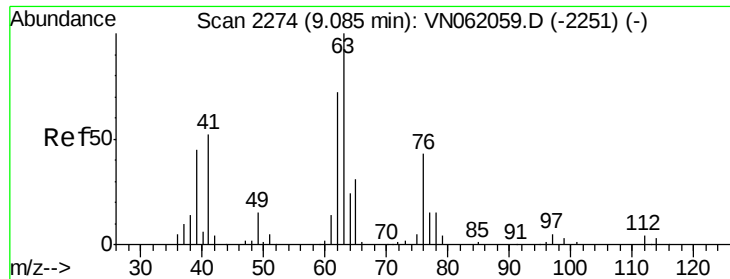
95 100.0 0.0 197.8



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

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

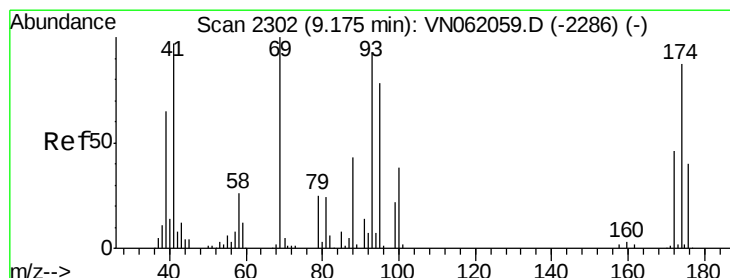
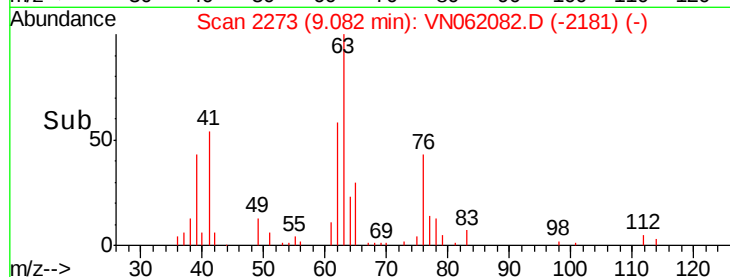
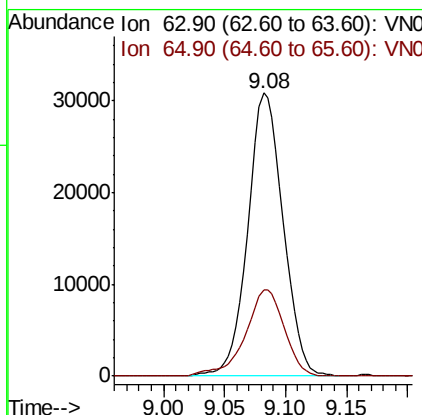
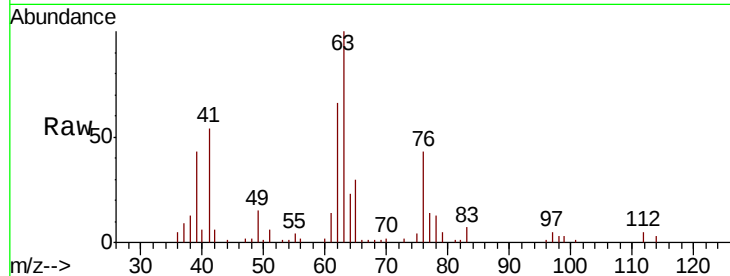




#45
 1,2-Dichloropropane
 Concen: 18.085 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

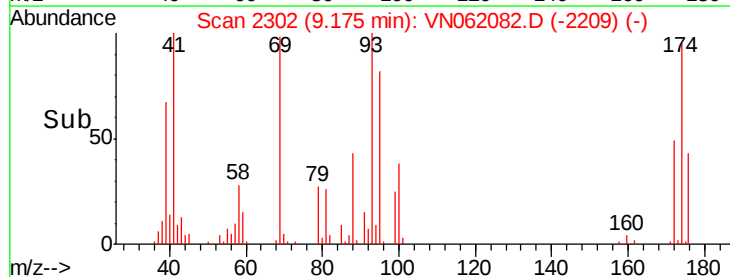
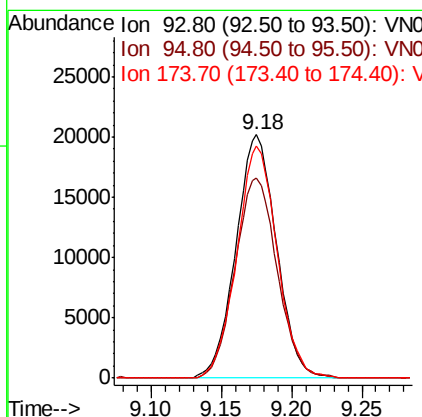
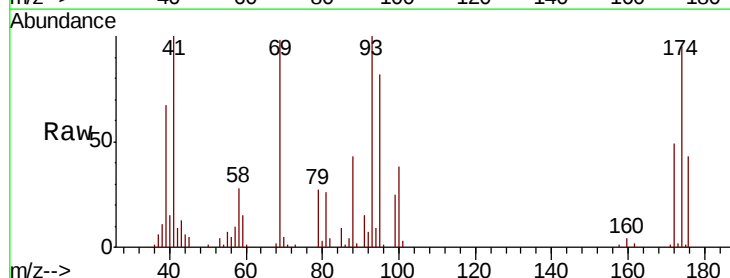
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS02

Tot Ion: 63 Resp: 61496
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.4



#46
 Dibromomethane
 Concen: 17.654 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Tgt Ion: 93 Resp: 40702
 Ion Ratio Lower Upper
 93 100
 95 85.3 67.0 100.6
 174 94.6 74.4 111.6





#47

Bromodichloromethane

Concen: 17.896 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS02

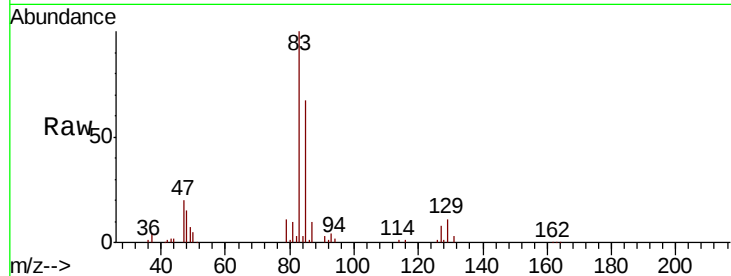
Tot Ion: 83 Resp: 83307

Ion Ratio Lower Upper

83 100

85 67.3 50.3 75.5

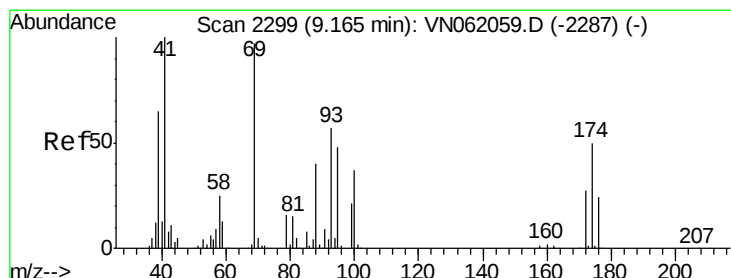
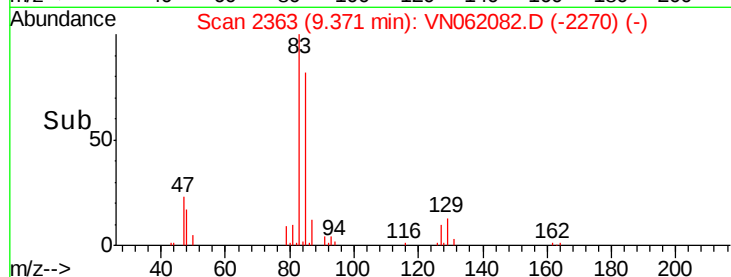
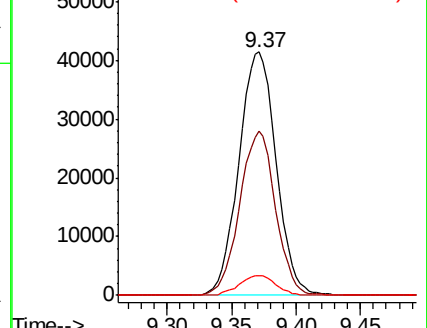
127 8.3 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062082.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062082.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062082.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.673 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

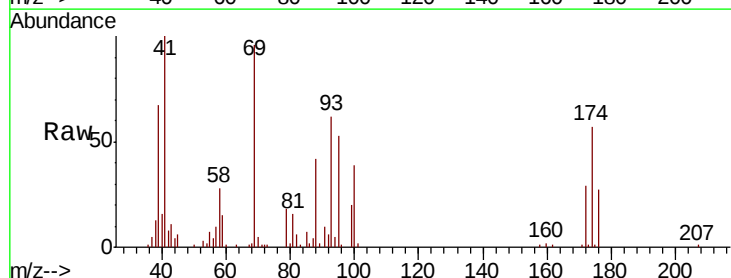
Tgt Ion: 41 Resp: 48372

Ion Ratio Lower Upper

41 100

69 98.1 80.7 121.1

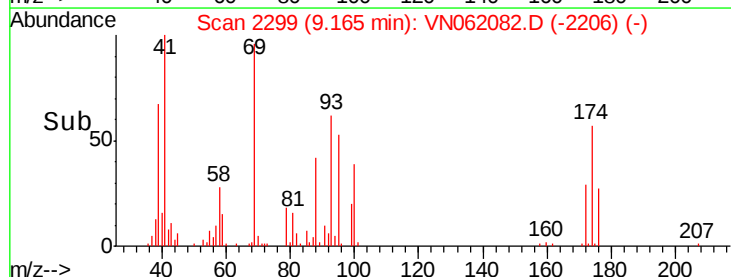
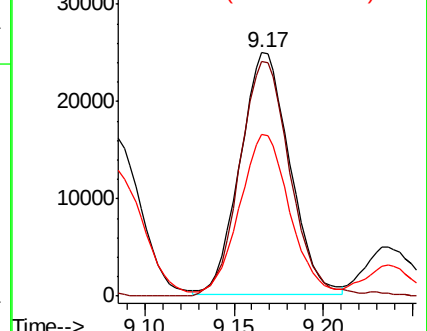
39 66.7 54.5 81.7

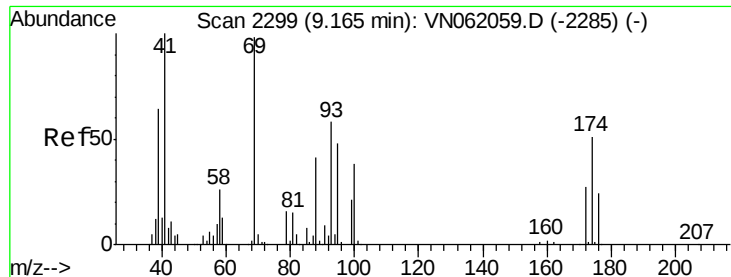


Abundance Ion 41.00 (40.70 to 41.70): VN062082.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062082.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062082.D (-2206) (-)

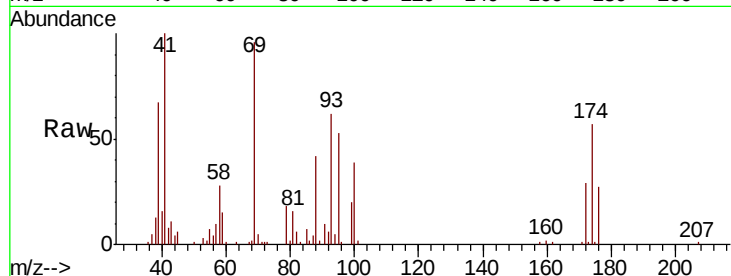




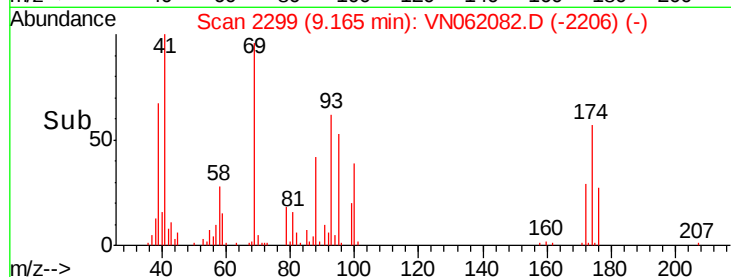
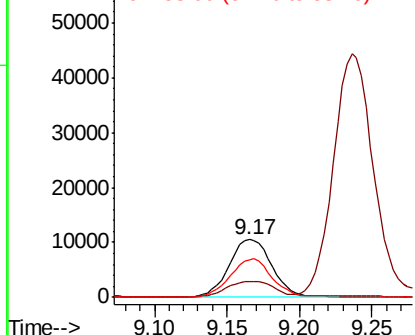
#49
1,4-Dioxane
Concen: 357.629 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS02

Tot Ion: 88 Resp: 21707
Ion Ratio Lower Upper
88 100
43 30.4 22.0 33.0
58 65.5 49.2 73.8

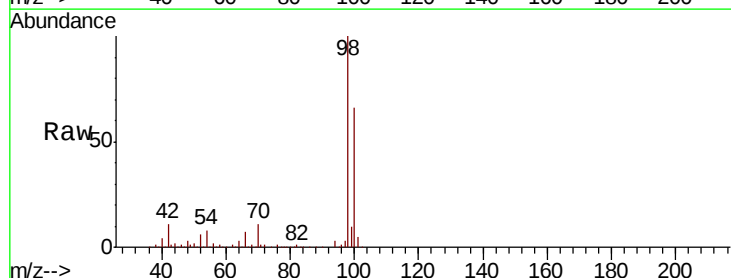


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

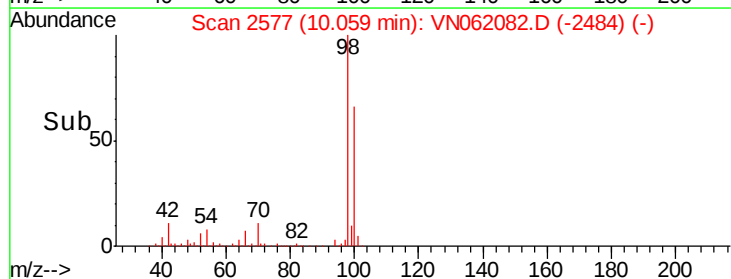
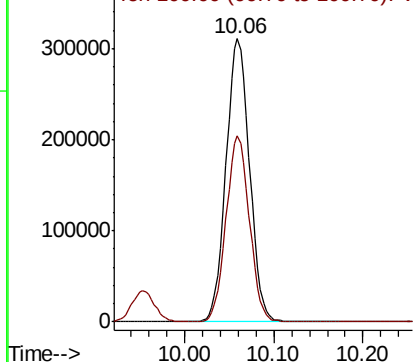


#50
Toluene-d8
Concen: 49.166 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion: 98 Resp: 567266
Ion Ratio Lower Upper
98 100
100 64.9 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: 89.826 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

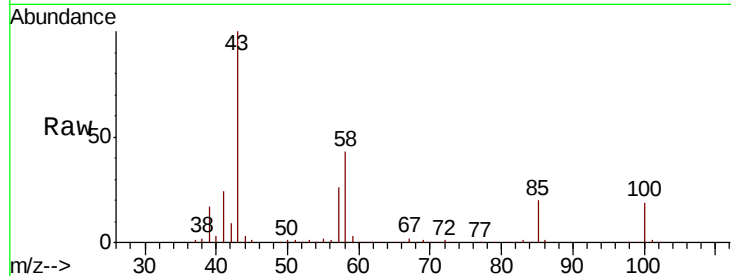
VN0624WBS02

Tot Ion: 43 Resp: 320365

Ion Ratio Lower Upper

43 100

58 43.5 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

200000

150000

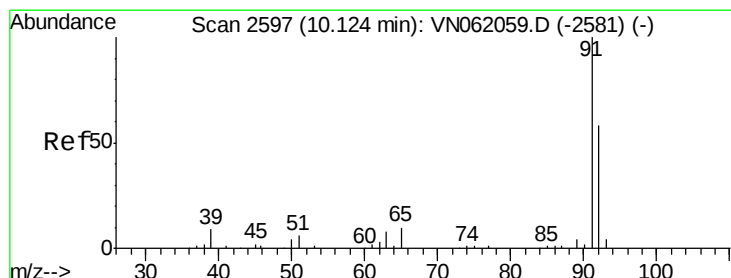
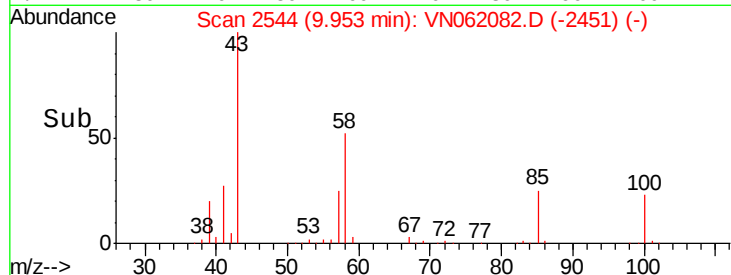
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 18.140 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062082.D

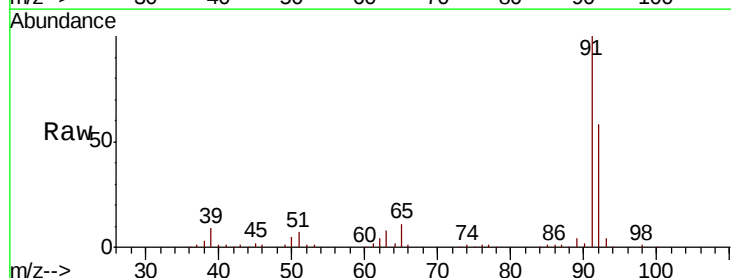
Acq: 24 Jun 2020 23:26

Tgt Ion: 92 Resp: 152556

Ion Ratio Lower Upper

92 100

91 173.2 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

150000

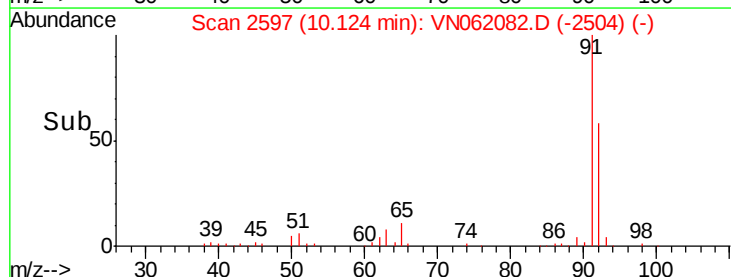
100000

50000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.949 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampled :

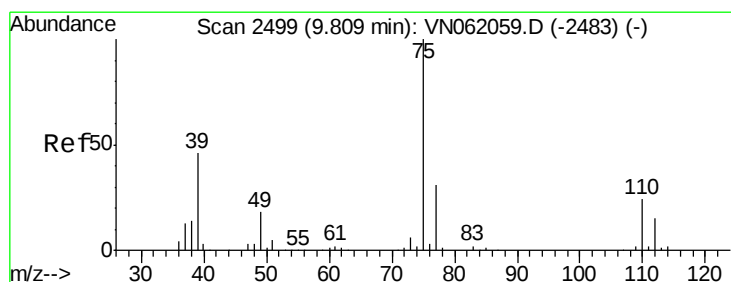
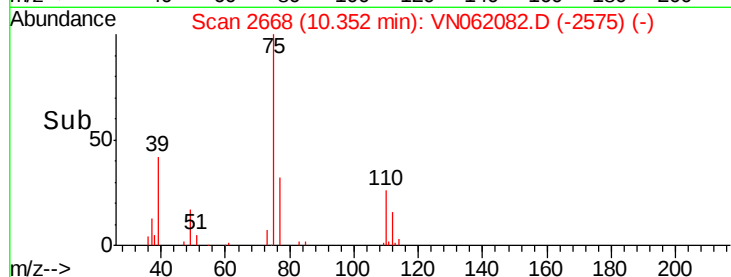
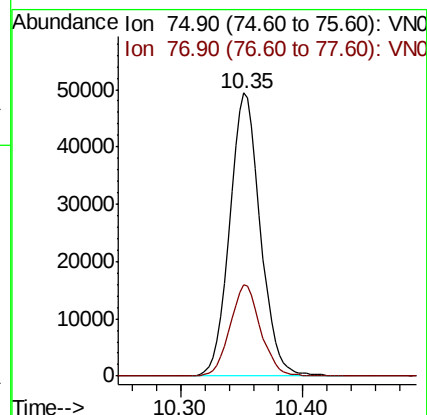
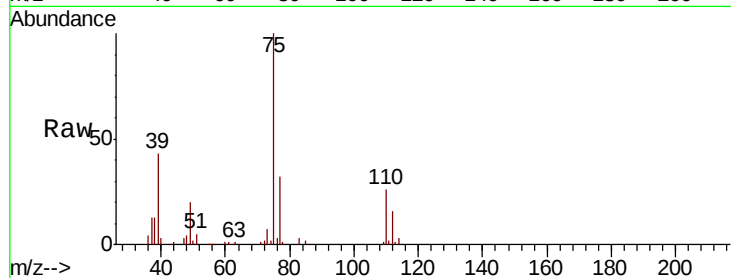
VN0624WBS02

Tot Ion: 75 Resp: 86803

Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 17.538 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

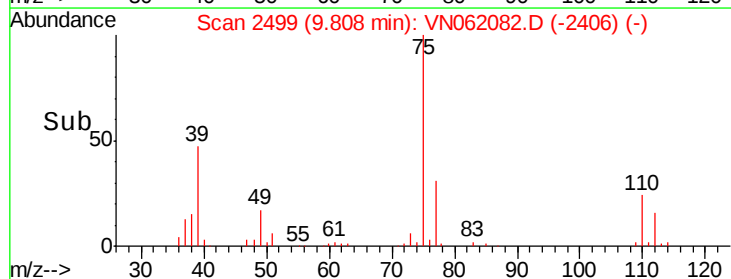
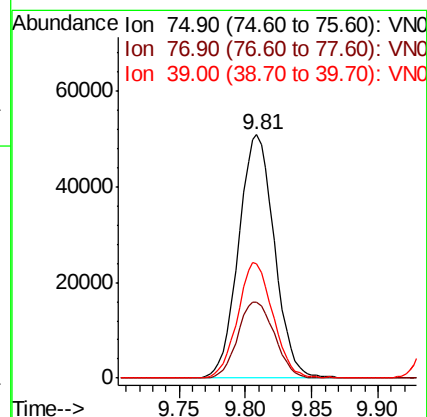
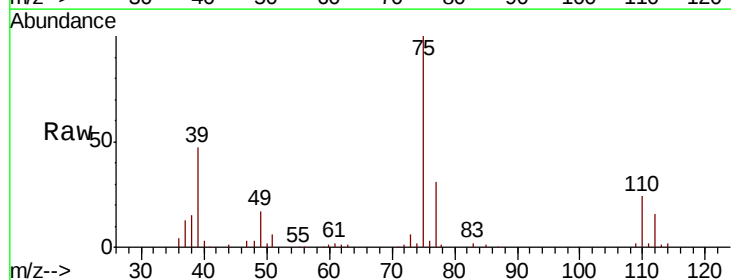
Tgt Ion: 75 Resp: 95626

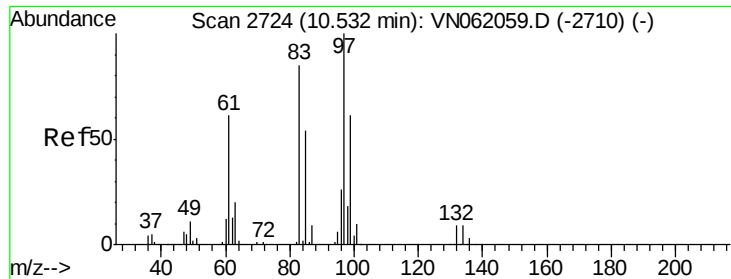
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 46.7 36.9 55.3

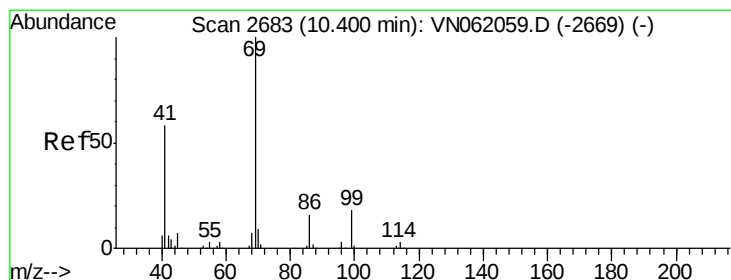
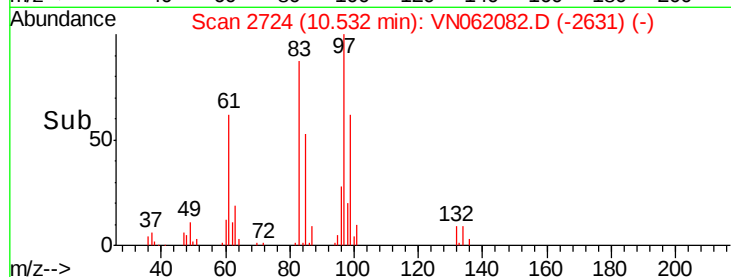
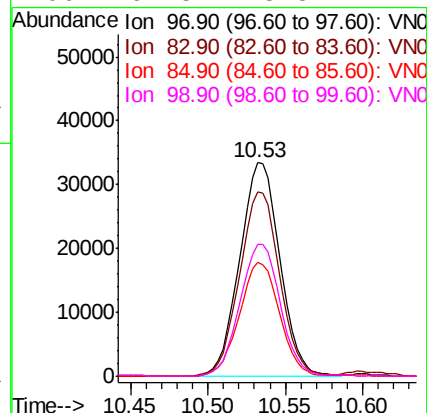
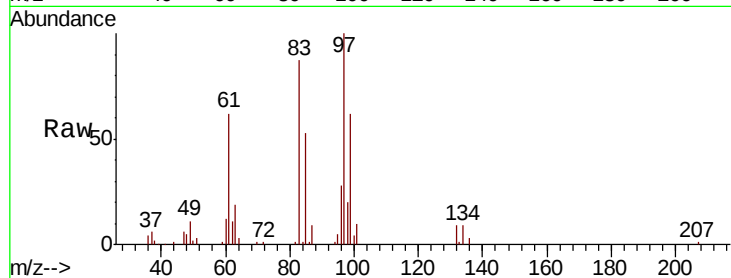




#55
 1,1,2-Trichloroethane
 Concen: 18.333 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

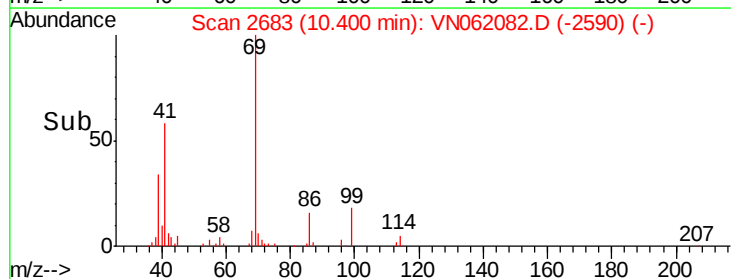
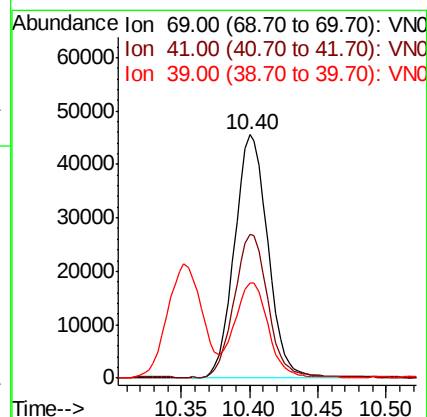
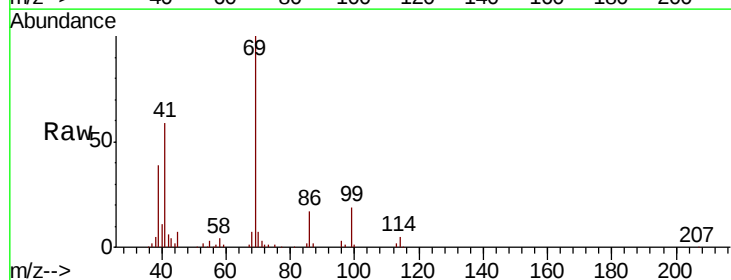
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS02

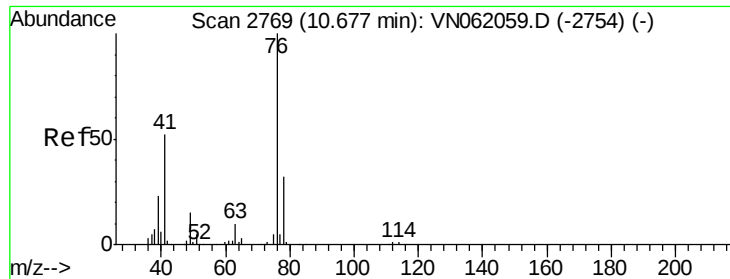
Tot Ion:	97	Resp:	60607
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.2	102.2
85	53.3	43.2	64.8
99	61.5	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 17.601 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Tgt Ion:	69	Resp:	77654
Ion	Ratio	Lower	Upper
69	100		
41	60.3	46.6	70.0
39	40.2	31.0	46.4

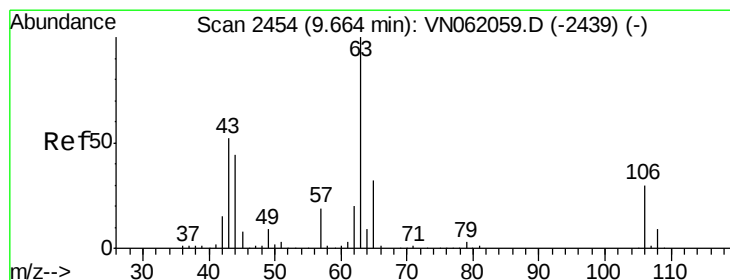
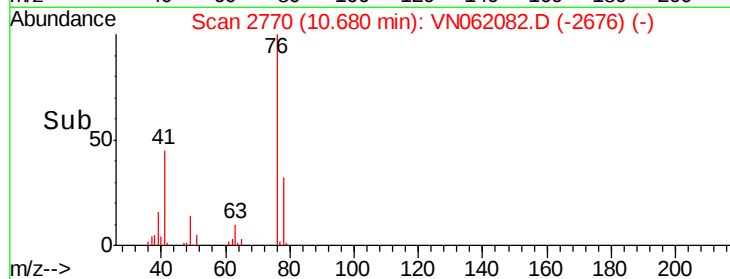
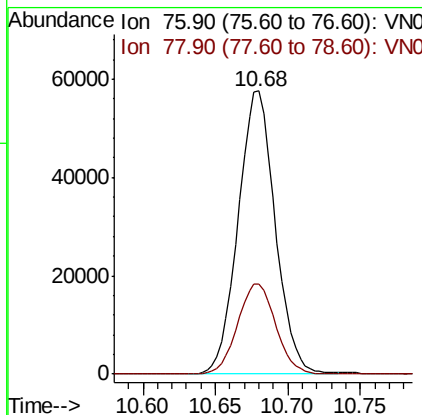
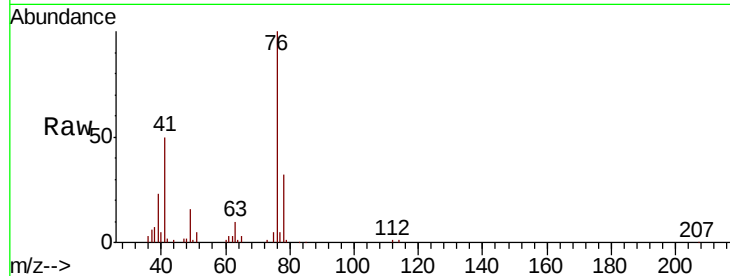




#57
 1,3-Dichloropropane
 Concen: 18.027 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

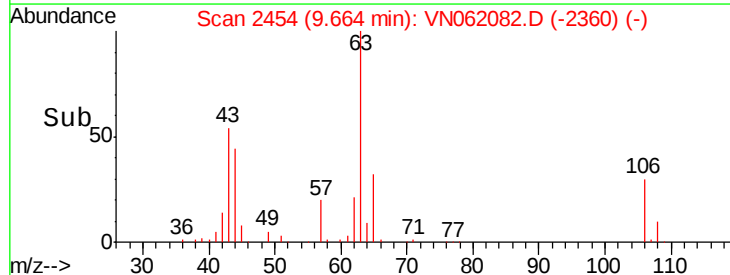
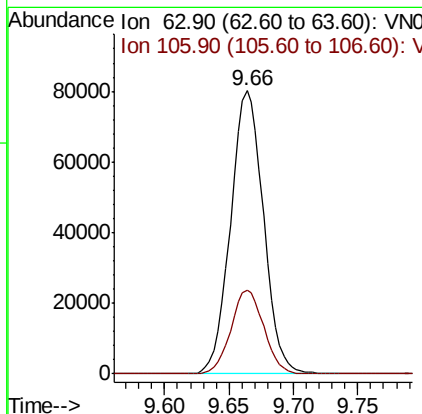
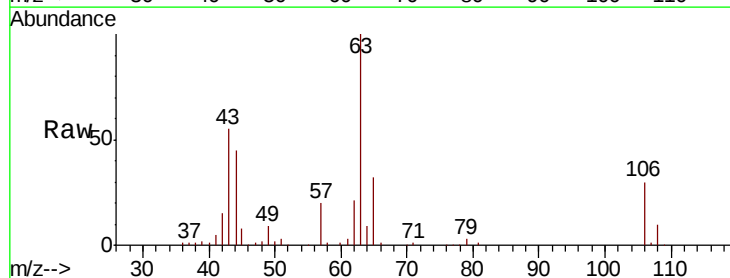
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS02

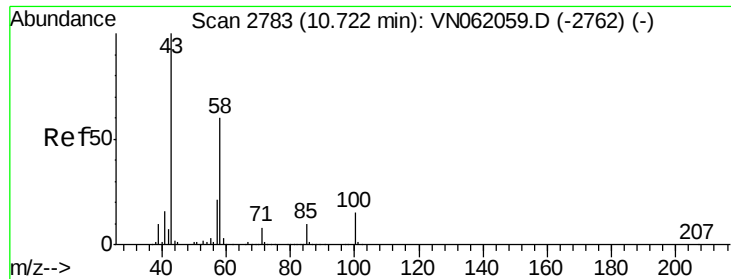
Tot Ion: 76 Resp: 102576
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.842 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Tgt Ion: 63 Resp: 142024
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.2 34.8





#59

2-Hexanone

Concen: 89.060 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampled :

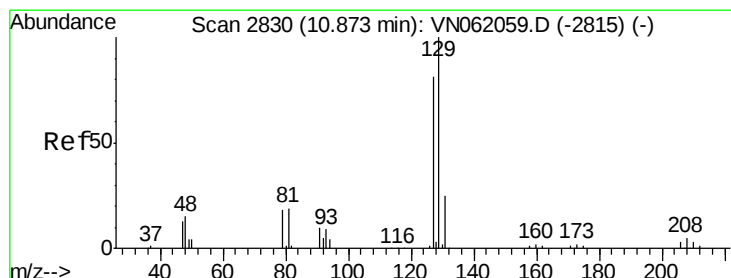
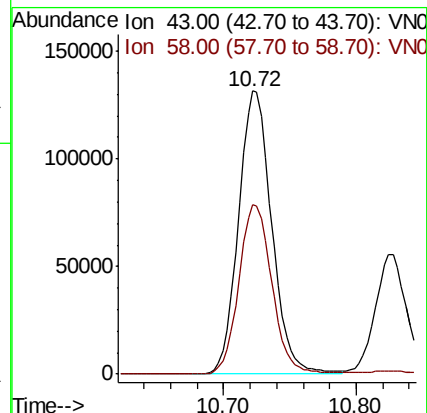
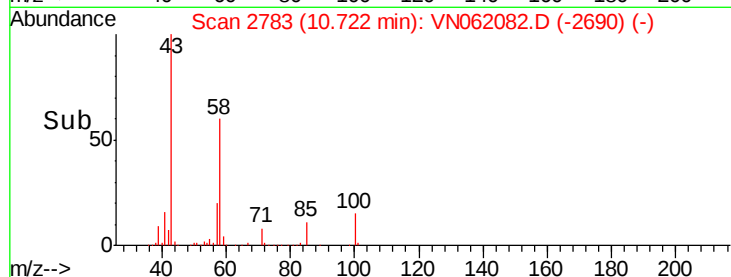
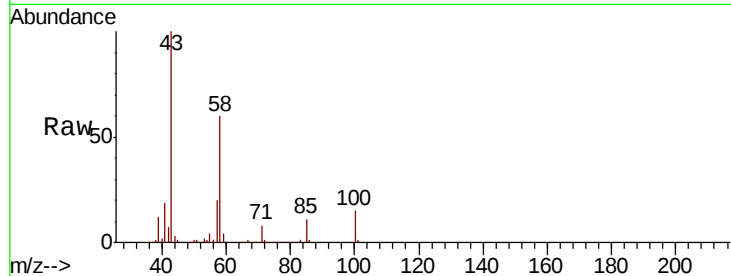
VN0624WBS02

Tot Ion: 43 Resp: 229364

Ion Ratio Lower Upper

43 100

58 59.6 29.5 88.5



#60

Dibromochloromethane

Concen: 17.743 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN062082.D

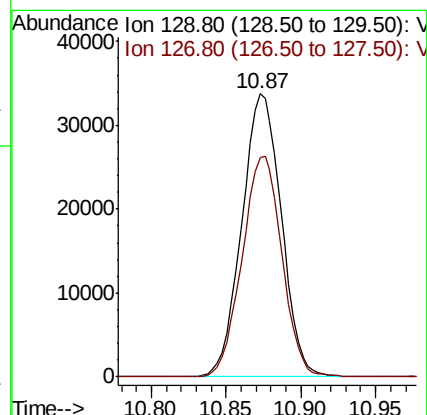
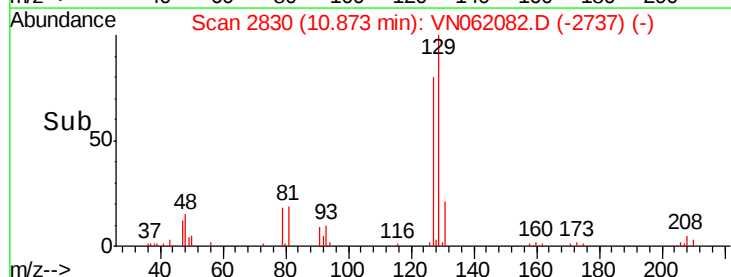
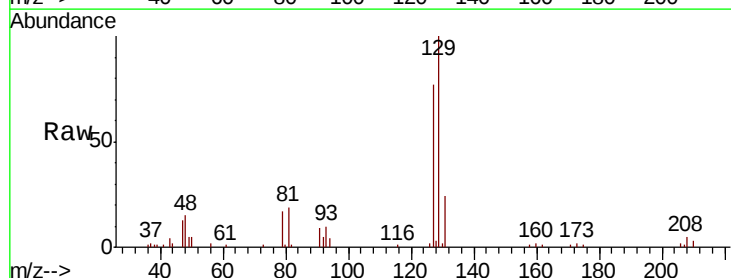
Acq: 24 Jun 2020 23:26

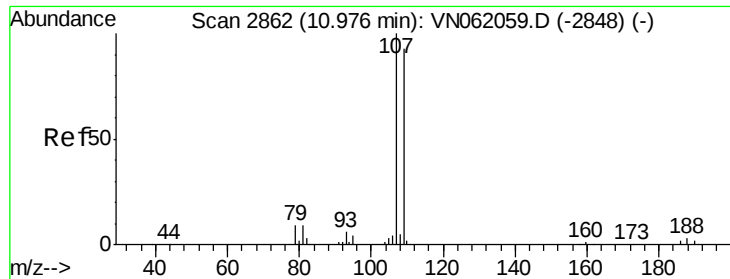
Tgt Ion: 129 Resp: 62101

Ion Ratio Lower Upper

129 100

127 78.3 39.5 118.5





#61

1,2-Dibromoethane

Concen: 17.823 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

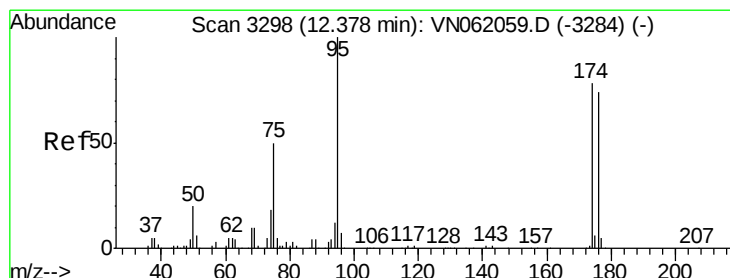
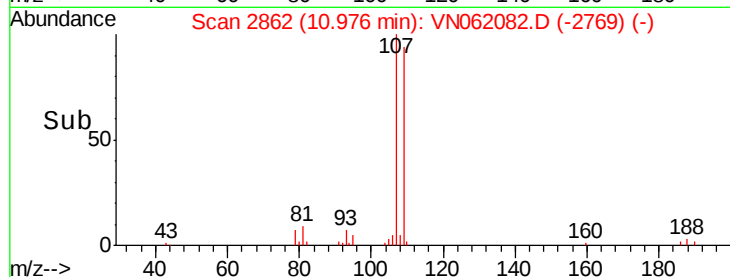
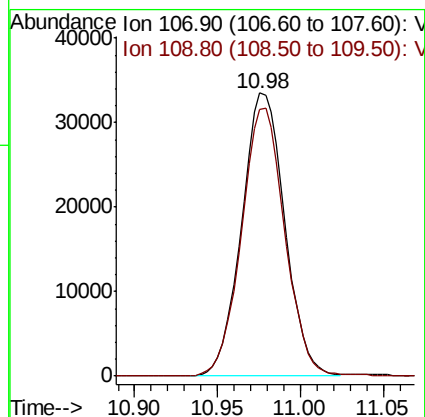
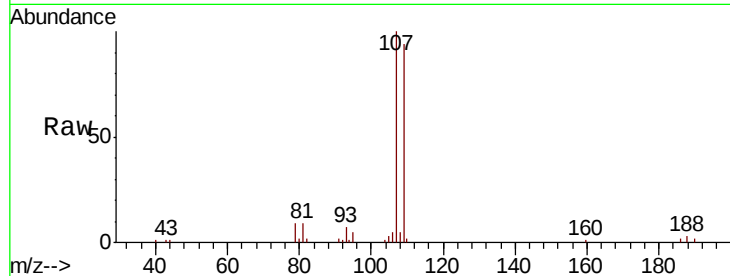
VN0624WBS02

Tot Ion:107 Resp: 60544

Ion Ratio Lower Upper

107 100

109 95.2 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 48.358 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

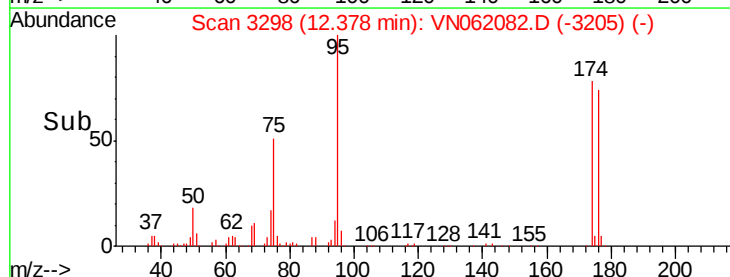
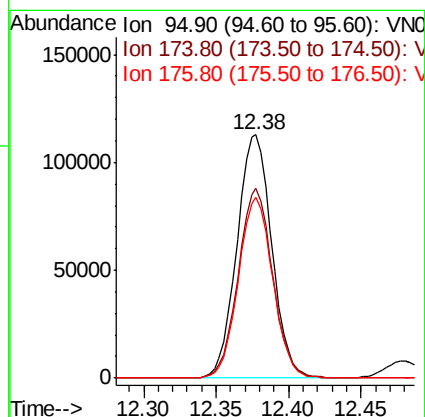
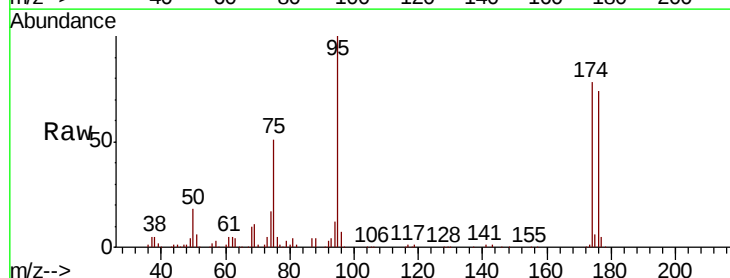
Tgt Ion: 95 Resp: 188506

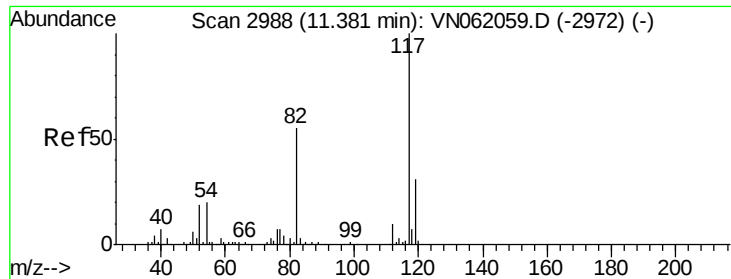
Ion Ratio Lower Upper

95 100

174 77.1 0.0 154.8

176 73.3 0.0 147.4

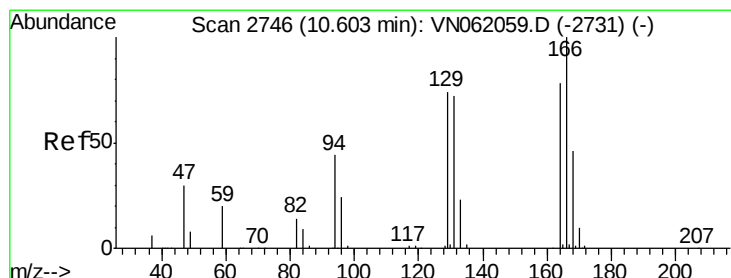
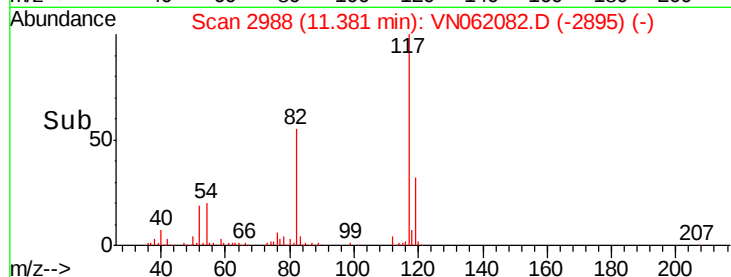
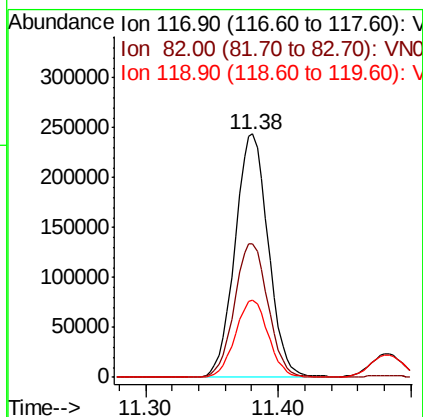
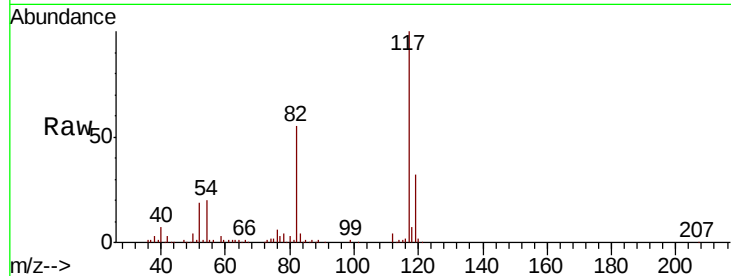




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

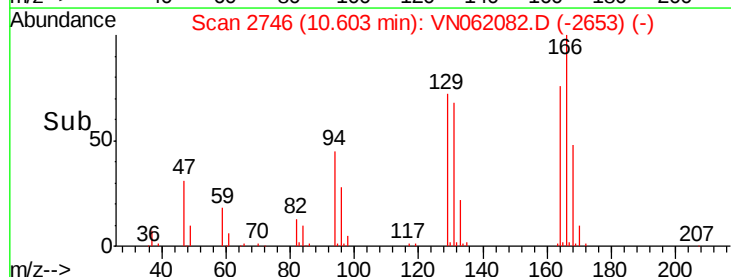
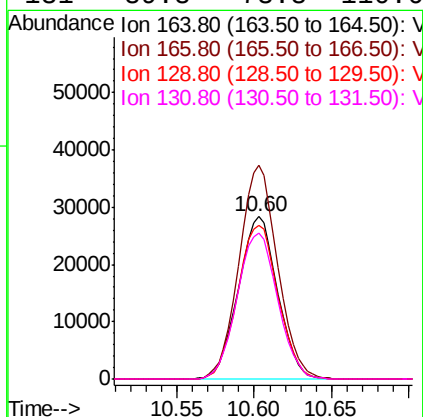
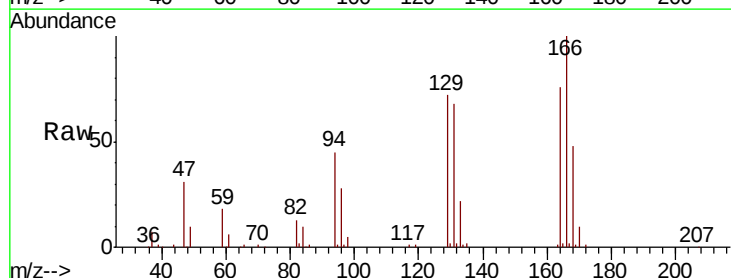
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS02

Tot Ion:117 Resp: 424086
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 17.296 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion:164 Resp: 50106
Ion Ratio Lower Upper
164 100
166 131.6 102.9 154.3
129 94.8 75.8 113.8
131 89.8 73.8 110.6

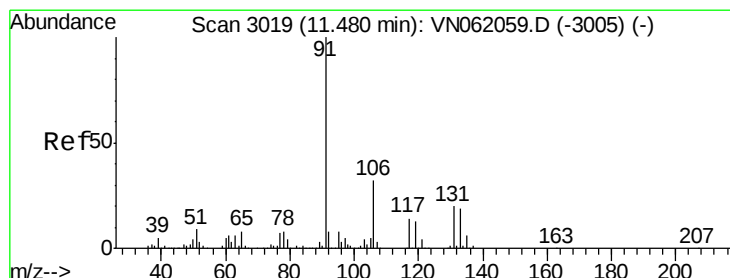
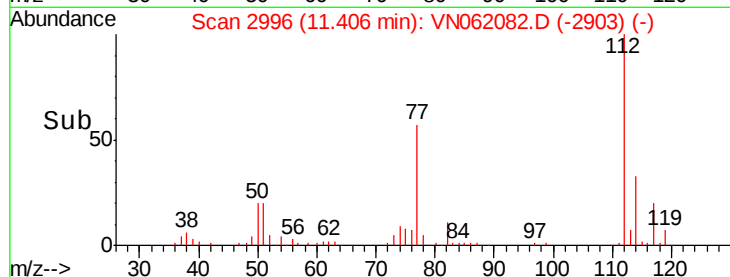
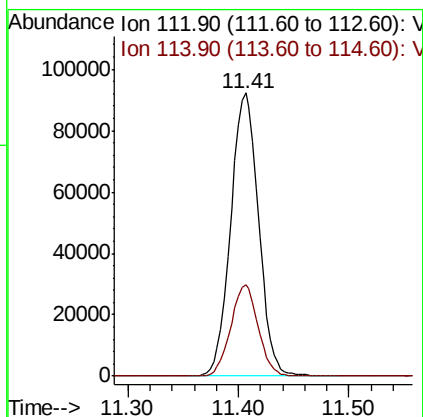
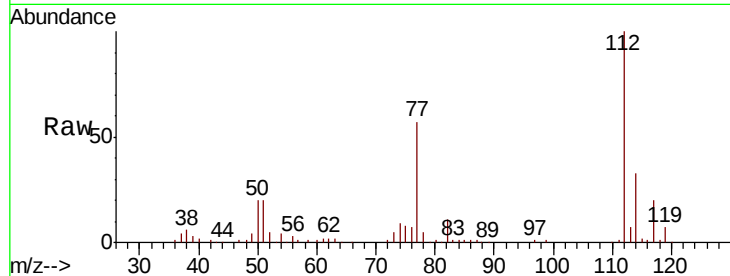




#65
Chlorobenzene
Concen: 17.416 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

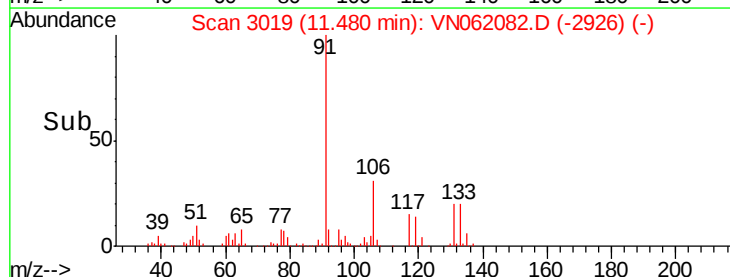
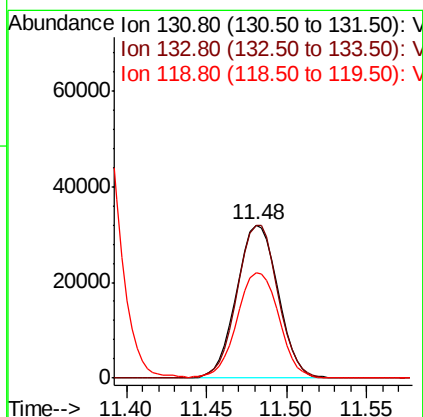
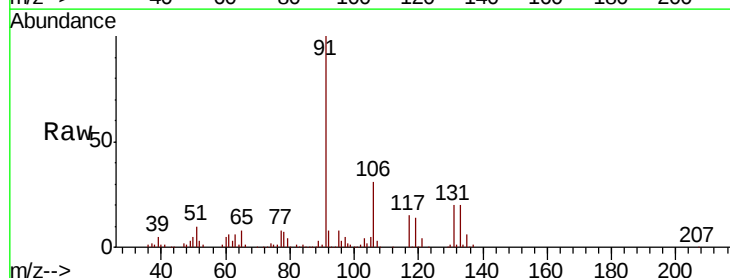
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS02

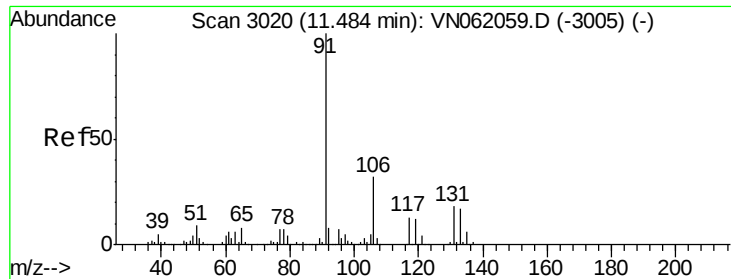
Tot Ion:112 Resp: 162198
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.578 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion:131 Resp: 56607
Ion Ratio Lower Upper
131 100
133 98.3 47.6 142.9
119 68.9 34.4 103.3

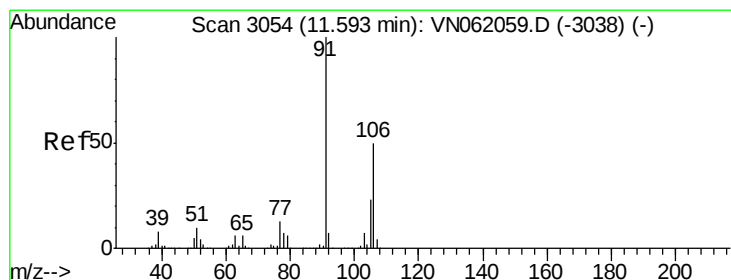
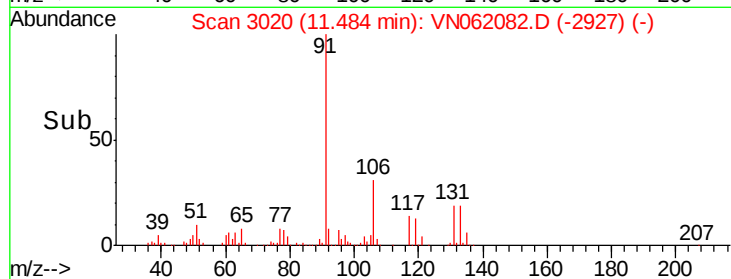
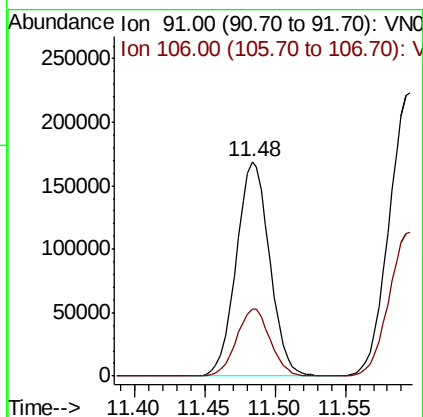
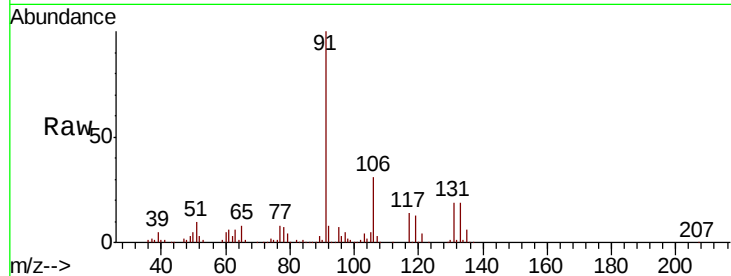




#67
Ethyl Benzene
Concen: 17.793 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

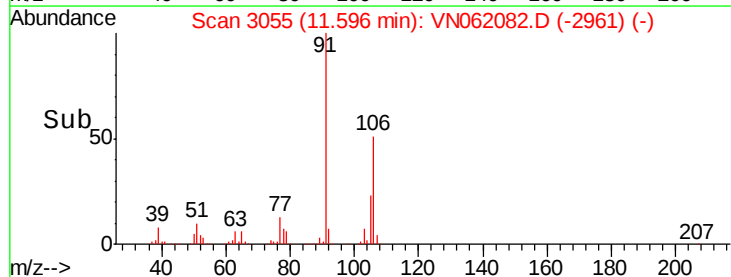
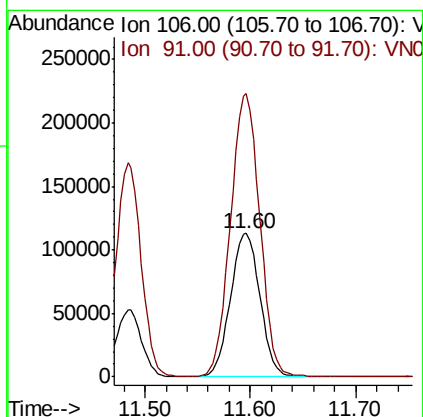
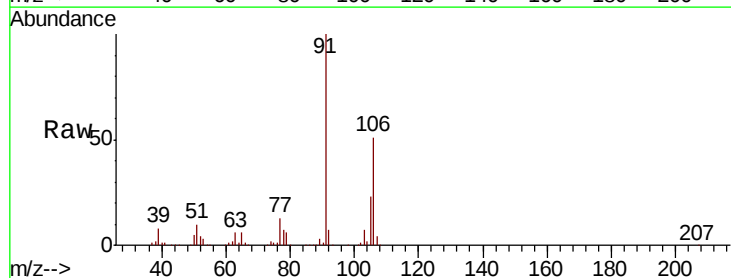
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS02

Tot Ion: 91 Resp: 279865
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



#68
m/p-Xylenes
Concen: 35.997 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion: 106 Resp: 218986
Ion Ratio Lower Upper
106 100
91 195.1 157.8 236.8

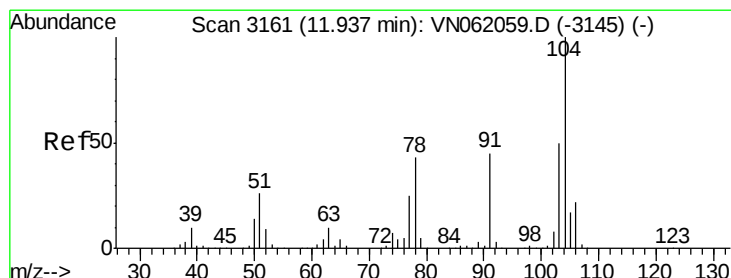
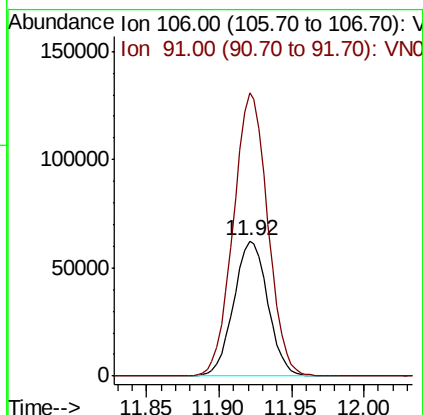
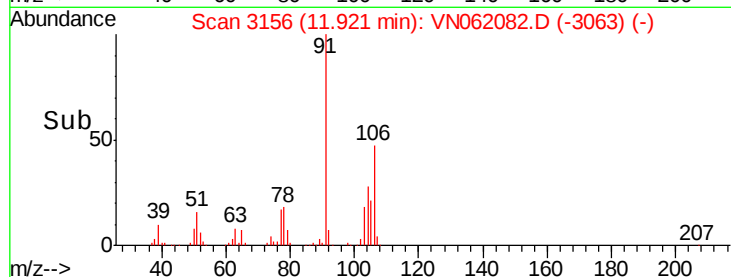
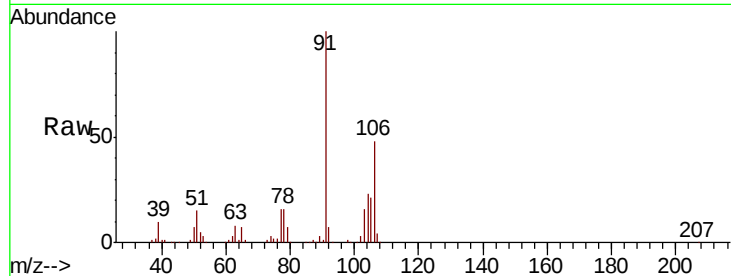




#69
o-Xylene
Concen: 17.762 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

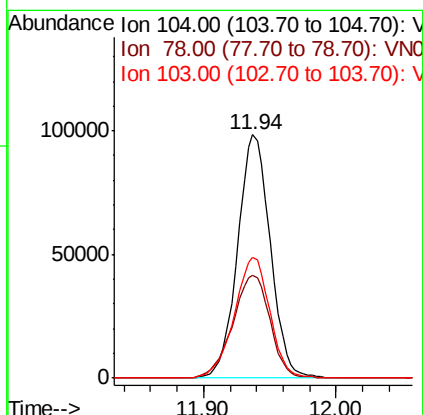
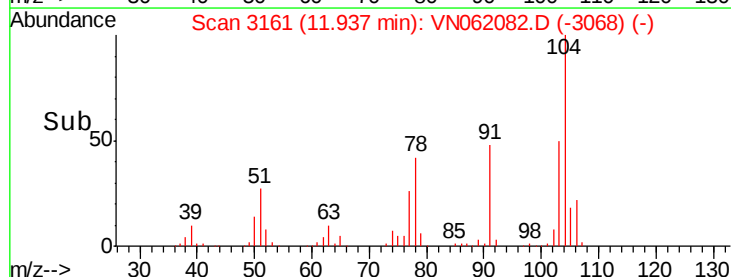
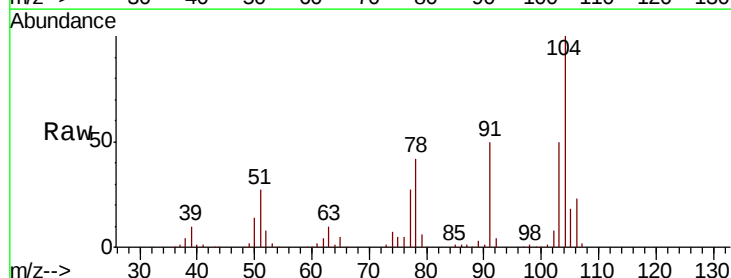
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS02

Tot Ion:106 Resp: 101954
Ion Ratio Lower Upper
106 100
91 211.4 104.0 311.9



#70
Styrene
Concen: 17.662 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion:104 Resp: 169075
Ion Ratio Lower Upper
104 100
78 48.1 37.7 56.5
103 53.8 43.0 64.6

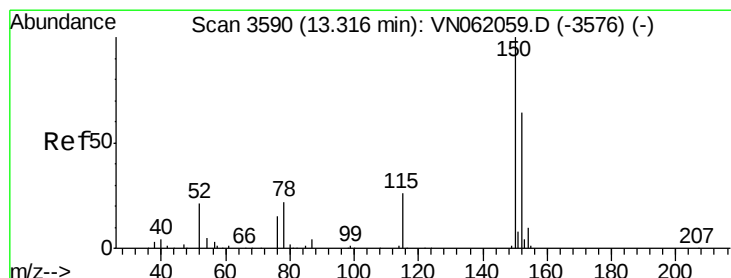
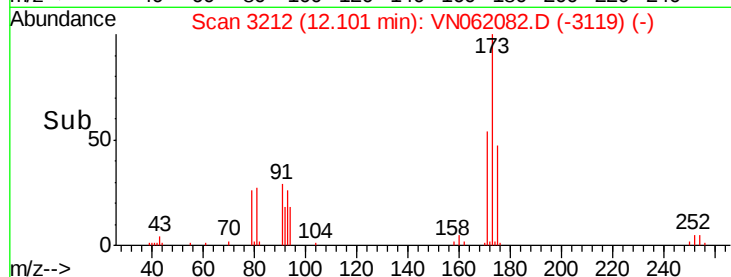
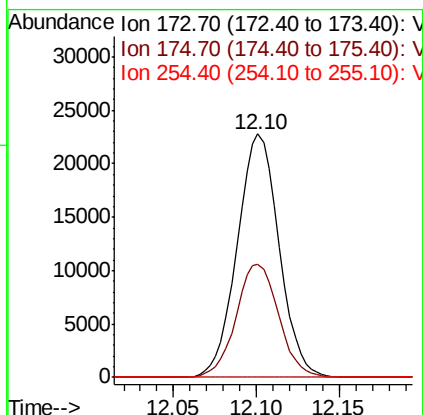
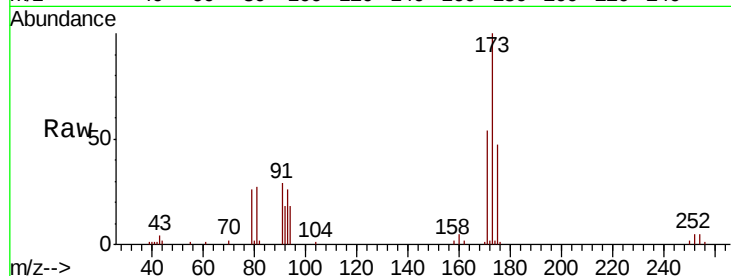




#71
Bromoform
Concen: 17.422 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

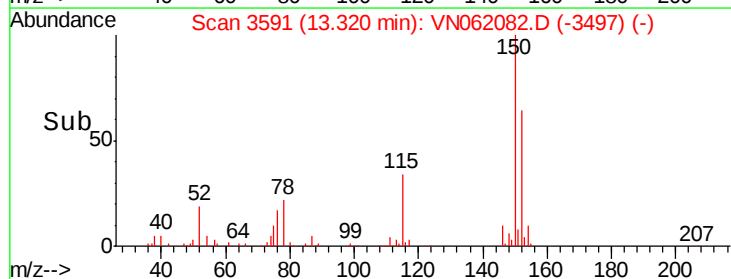
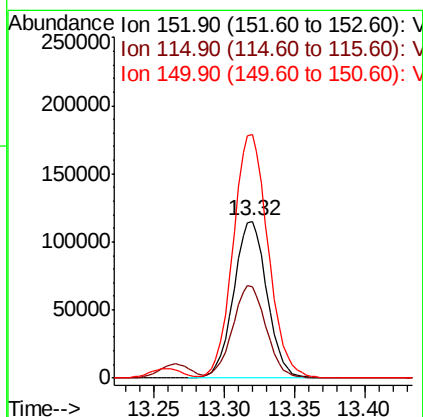
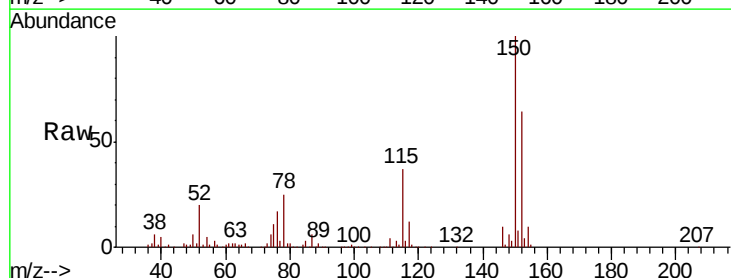
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS02

Tot Ion:173 Resp: 39891
Ion Ratio Lower Upper
173 100
175 47.4 24.7 74.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion:152 Resp: 191106
Ion Ratio Lower Upper
152 100
115 58.6 29.5 88.5
150 162.3 0.0 351.4





#73

Isopropylbenzene

Concen: 18.421 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

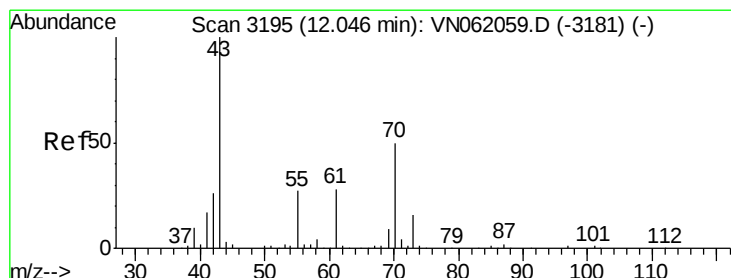
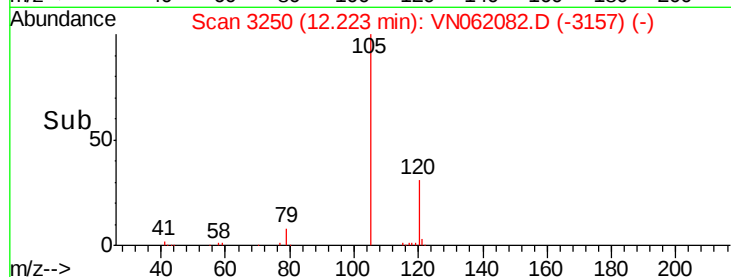
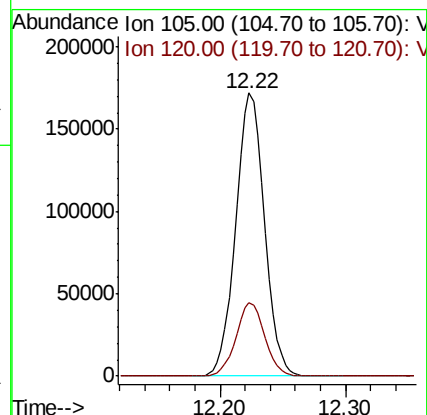
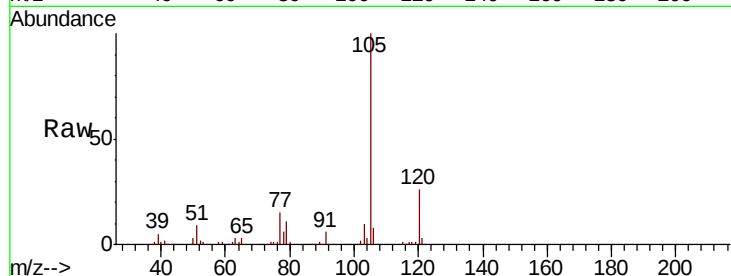
VN0624WBS02

Tot Ion:105 Resp: 272508

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 18.155 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Tgt Ion: 43 Resp: 86436

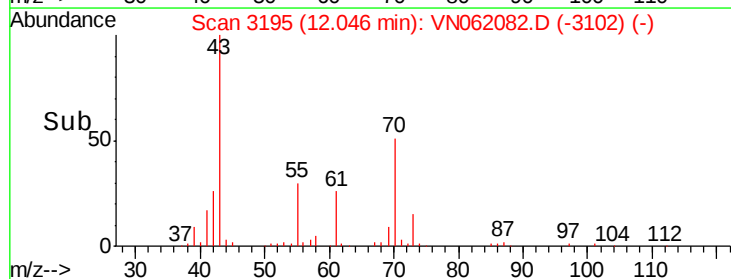
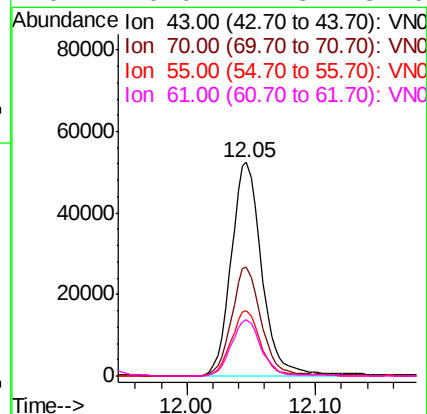
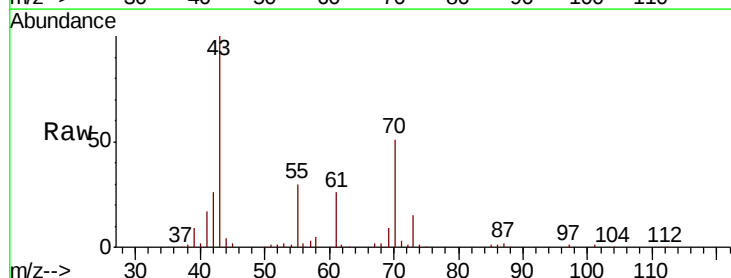
Ion Ratio Lower Upper

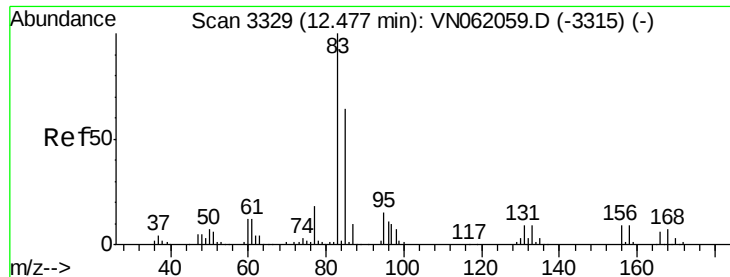
43 100

70 49.2 39.4 59.2

55 29.3 21.7 32.5

61 26.0 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 17.756 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS02

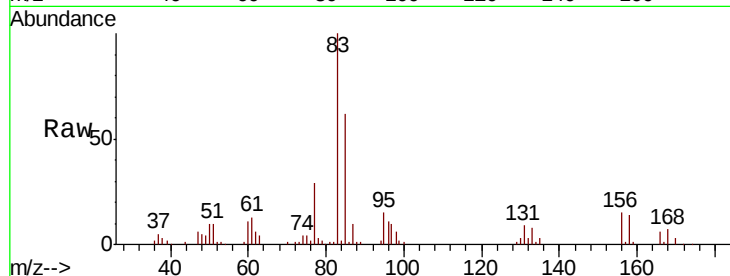
Tot Ion: 83 Resp: 87407

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

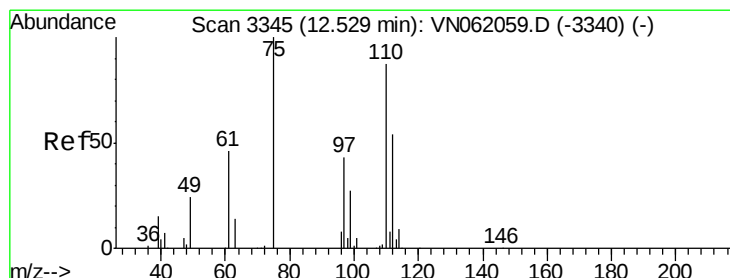
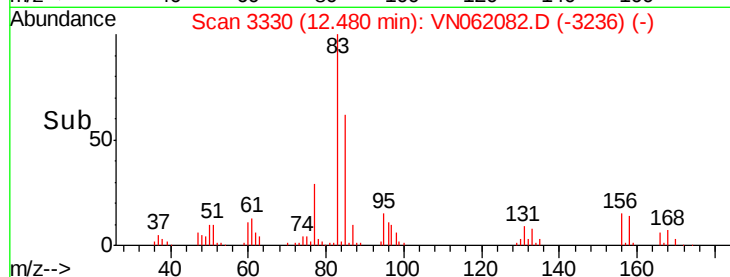
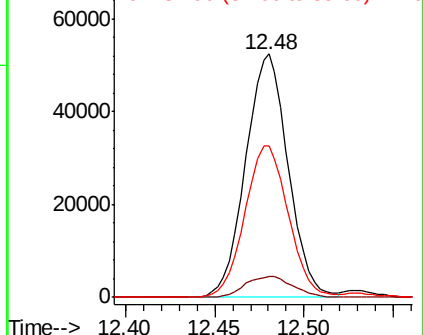
85 63.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN062059.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 23.494 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062082.D

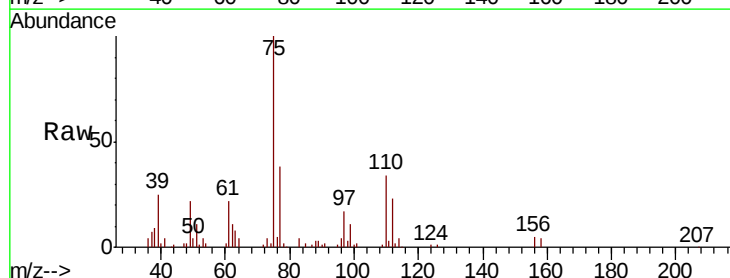
Acq: 24 Jun 2020 23:26

Tgt Ion: 75 Resp: 105695

Ion Ratio Lower Upper

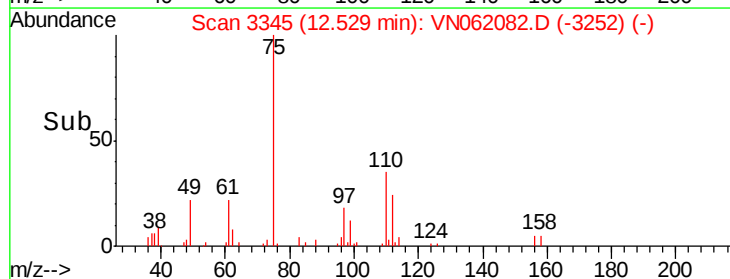
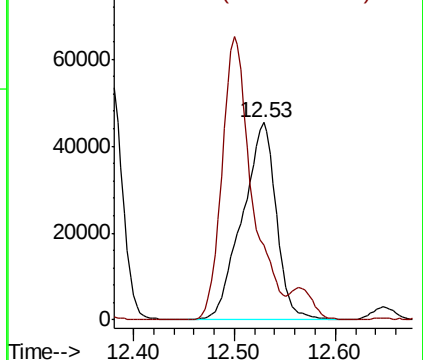
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062059.D (-3340) (-)





#77

Bromobenzene

Concen: 17.966 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampled :

VN0624WBS02

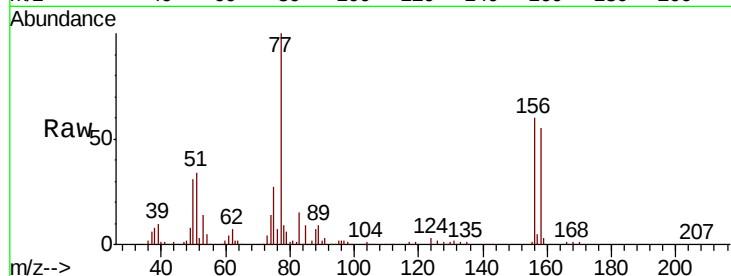
Tot Ion:156 Resp: 65984

Ion Ratio Lower Upper

156 100

77 205.8 104.6 313.8

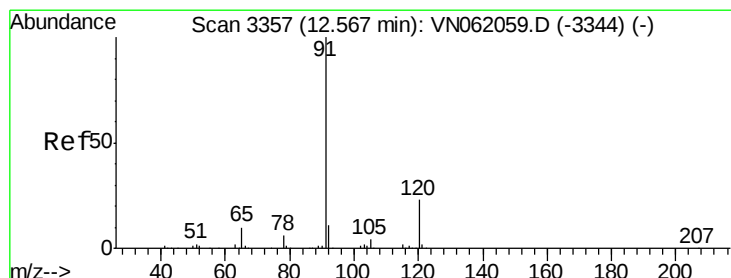
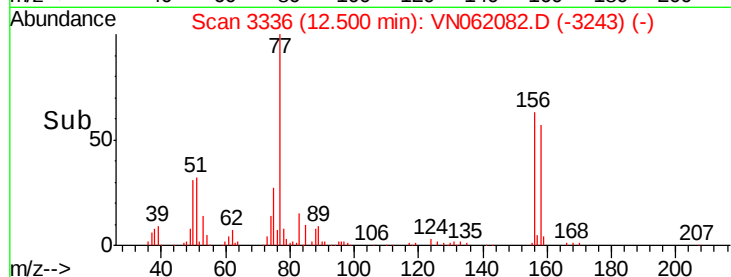
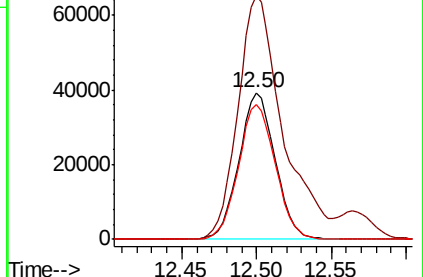
158 93.7 48.0 144.0



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: 18.041 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062082.D

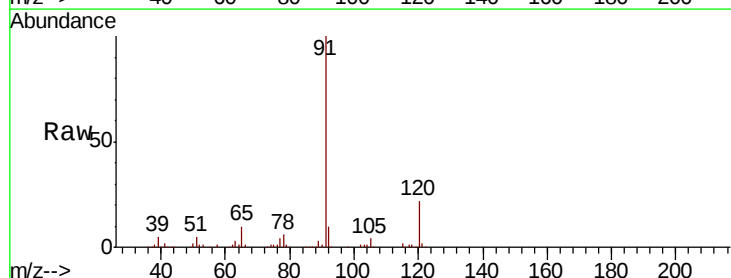
Acq: 24 Jun 2020 23:26

Tgt Ion: 91 Resp: 305276

Ion Ratio Lower Upper

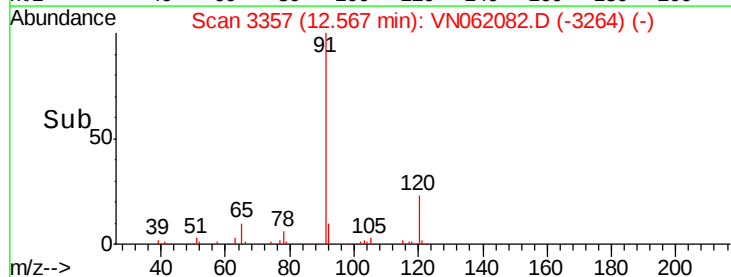
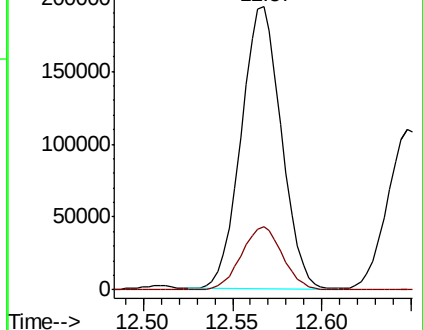
91 100

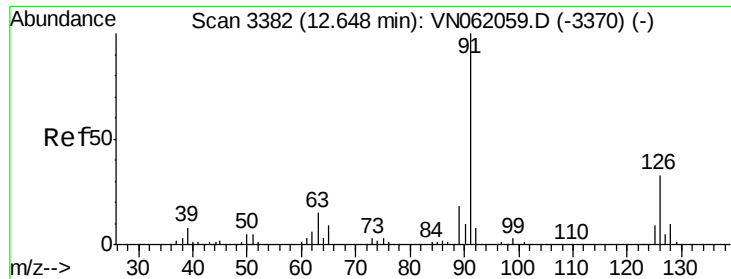
120 22.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

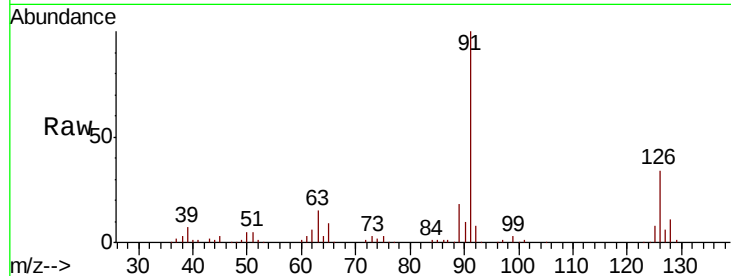




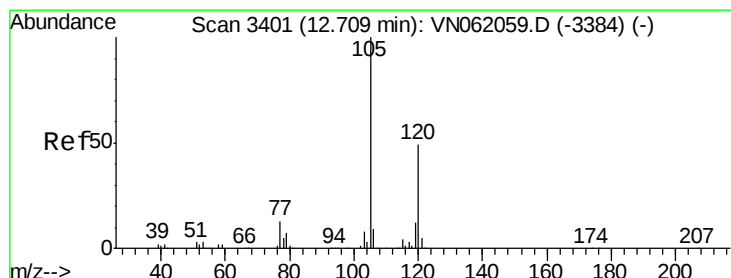
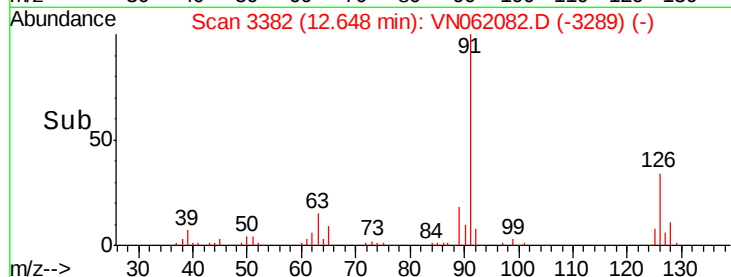
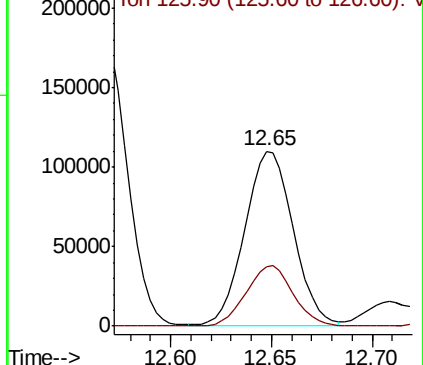
#79
 2-Chlorotoluene
 Concen: 17.914 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS02

Tot Ion: 91 Resp: 183258
 Ion Ratio Lower Upper
 91 100
 126 34.2 16.9 50.7

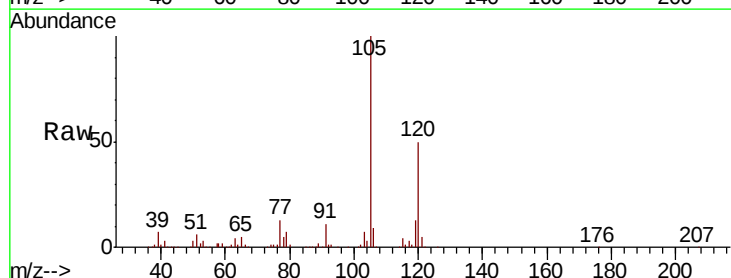


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

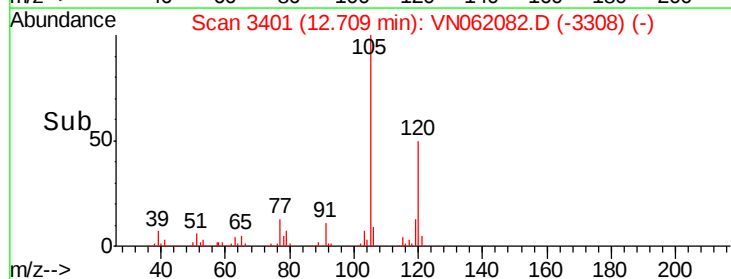
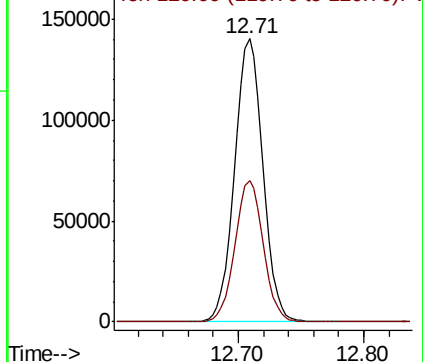


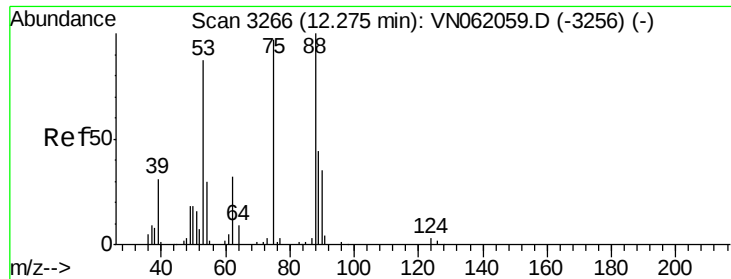
#80
 1,3,5-Trimethylbenzene
 Concen: 18.345 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Tgt Ion: 105 Resp: 219995
 Ion Ratio Lower Upper
 105 100
 120 49.7 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: 16.035 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS02

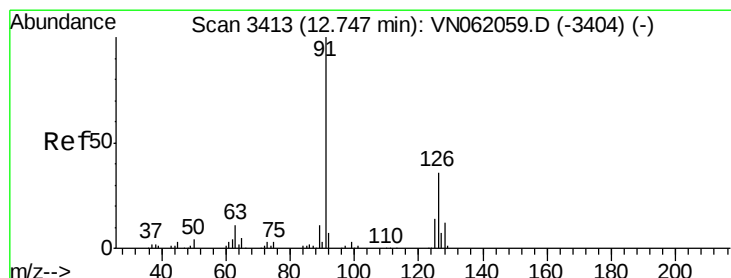
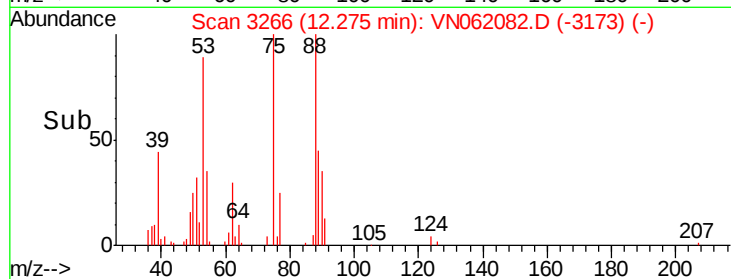
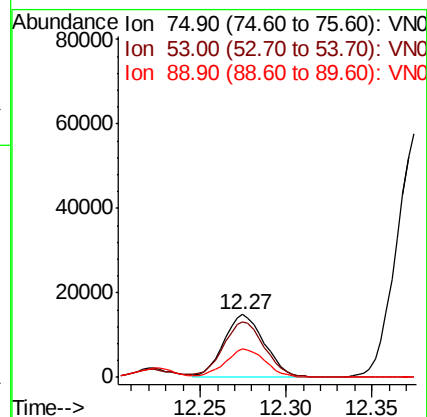
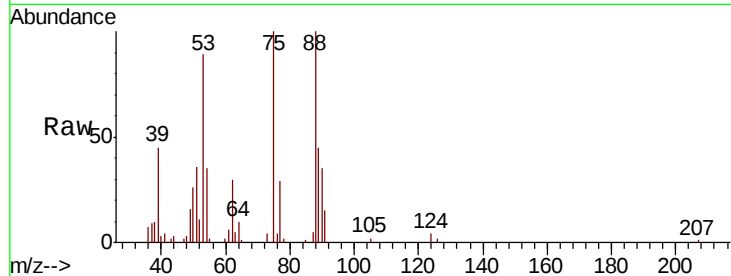
Tot Ion: 75 Resp: 24702

Ion Ratio Lower Upper

75 100

53 90.4 72.0 108.0

89 43.9 36.9 55.3



#82

4-Chlorotoluene

Concen: 17.717 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062082.D

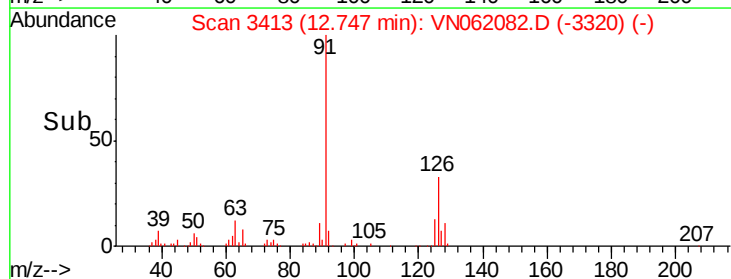
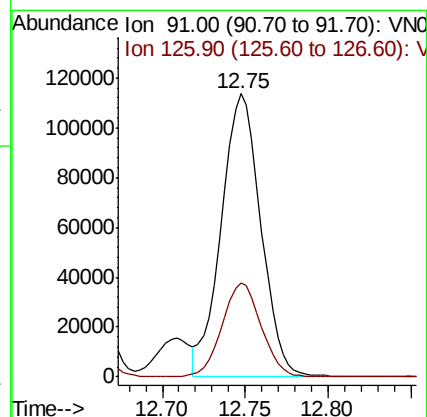
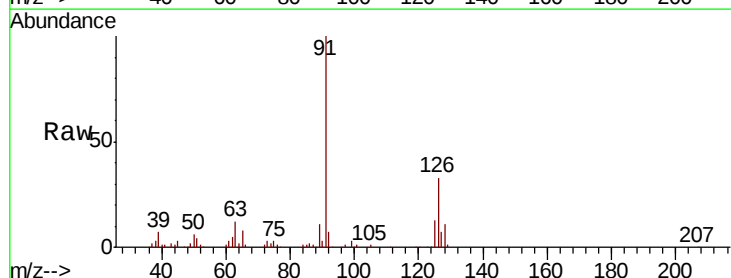
Acq: 24 Jun 2020 23:26

Tgt Ion: 91 Resp: 187417

Ion Ratio Lower Upper

91 100

126 32.9 16.7 50.1

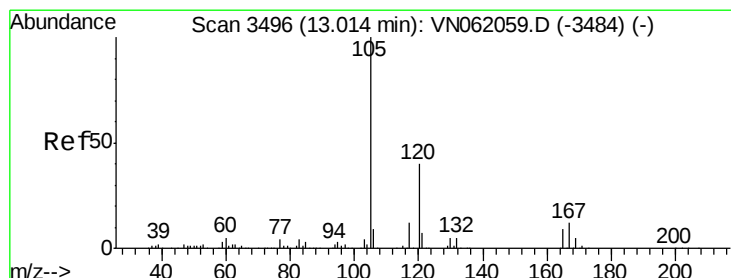
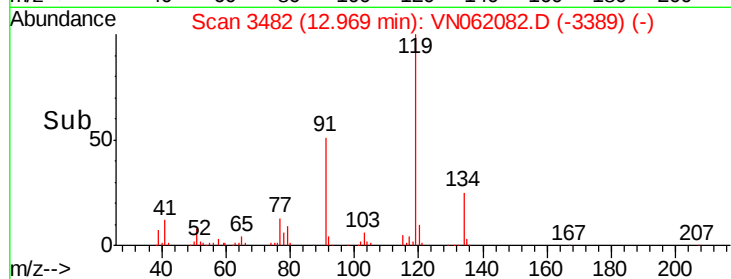
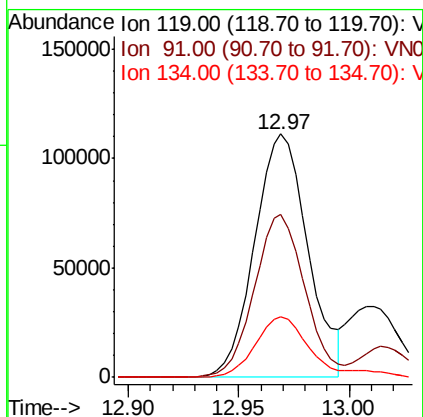
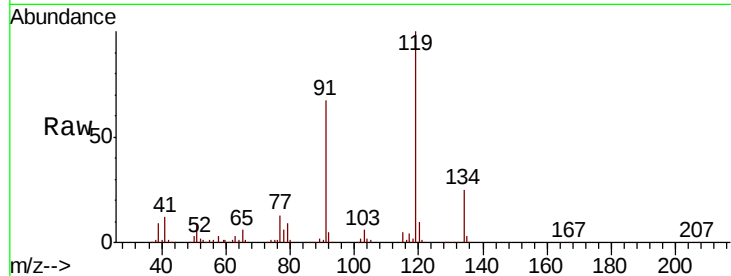




#83
 tert-Butylbenzene
 Concen: 18.134 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

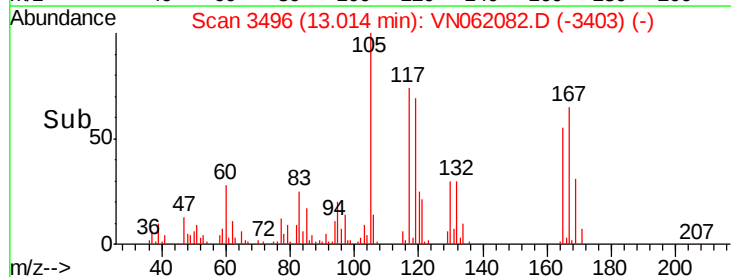
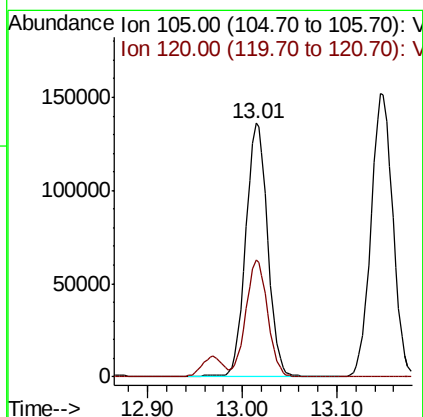
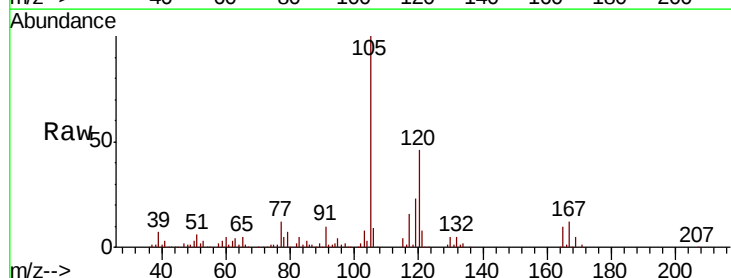
Instrument :
 MSVOA_N
 ClientSampled :
 VN0624WBS02

Tot Ion:119 Resp: 186108
 Ion Ratio Lower Upper
 119 100
 91 63.9 31.7 95.1
 134 24.5 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.313 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Tgt Ion:105 Resp: 219334
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.2 69.5

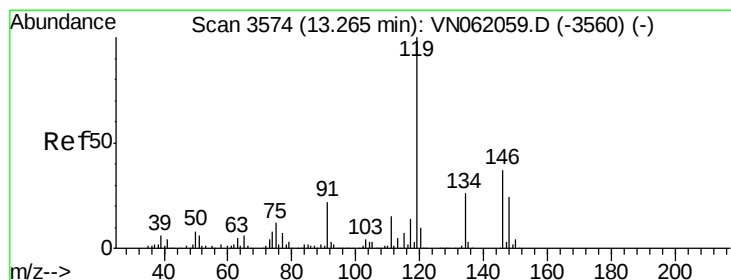
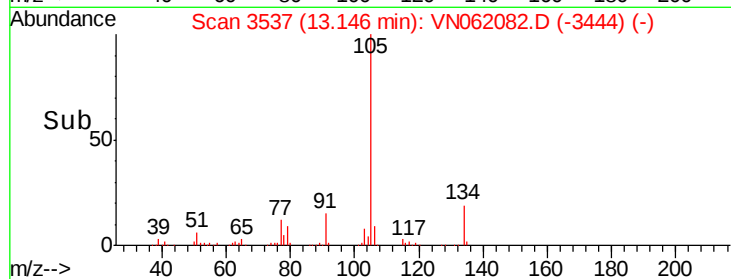
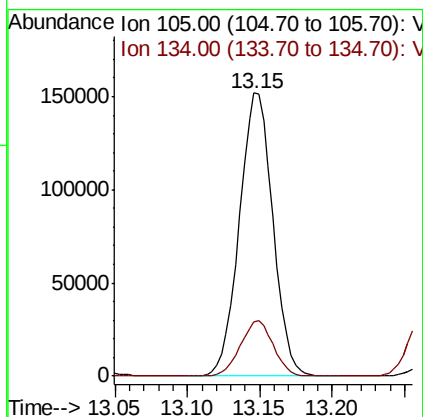
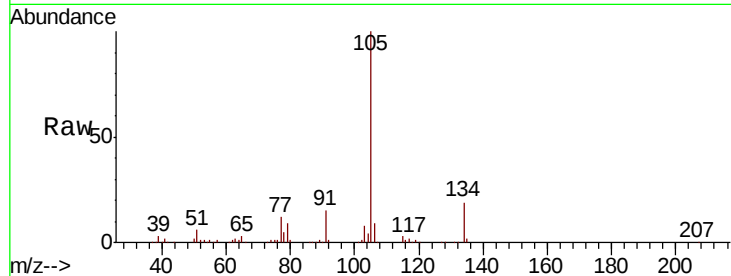




#85
 sec-Butylbenzene
 Concen: 17.891 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

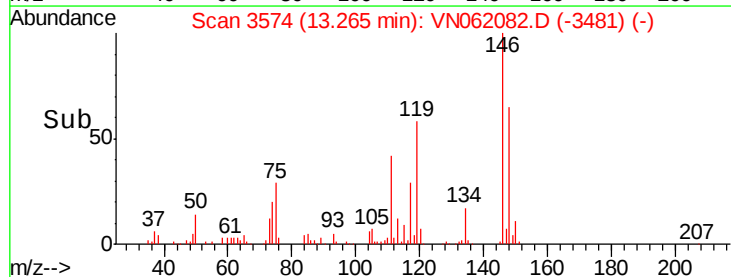
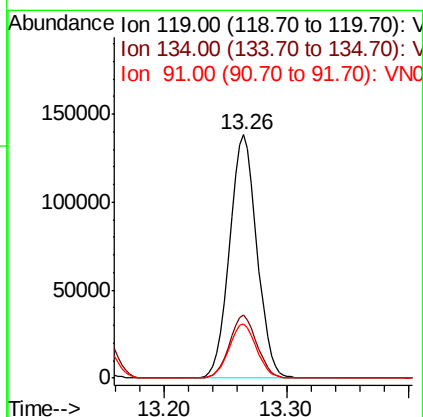
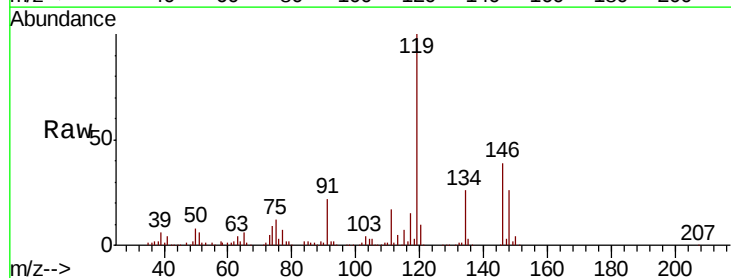
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS02

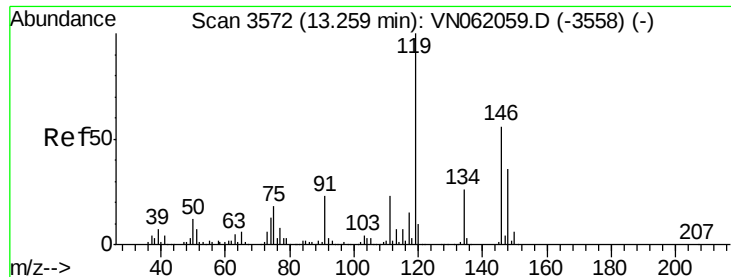
Tot Ion:105 Resp: 242622
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 18.217 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Tgt Ion:119 Resp: 216435
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 22.5 11.3 33.8

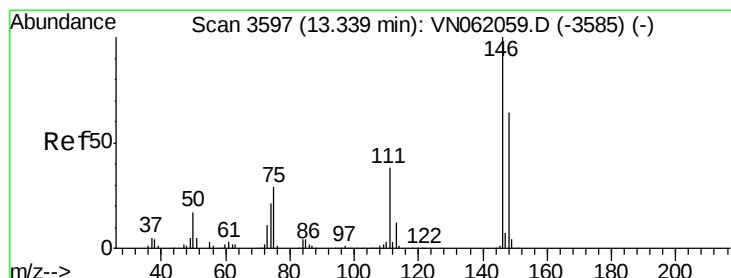
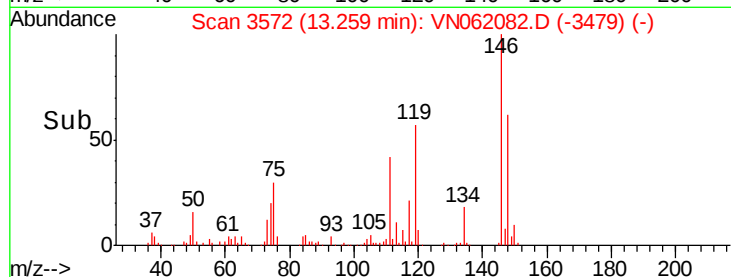
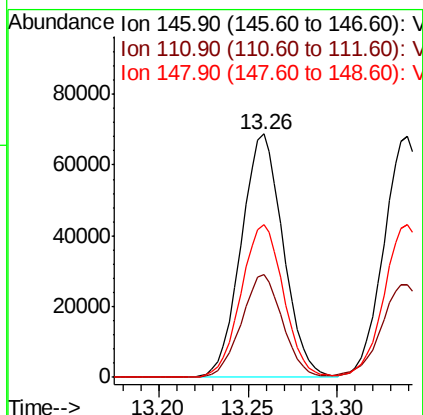
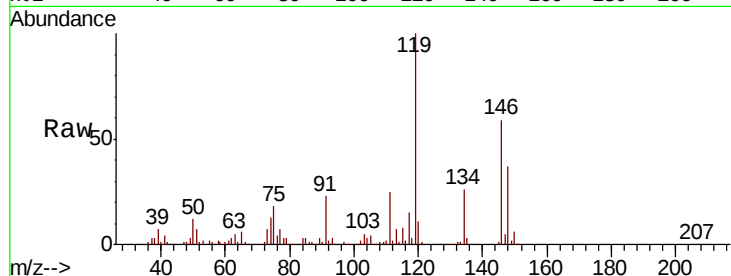




#87
 1,3-Dichlorobenzene
 Concen: 17.569 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

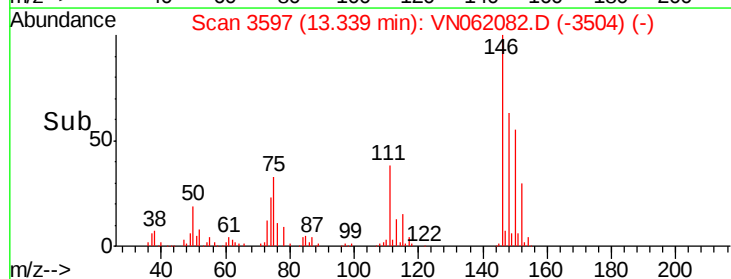
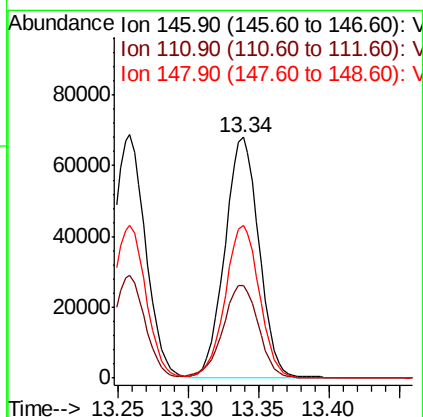
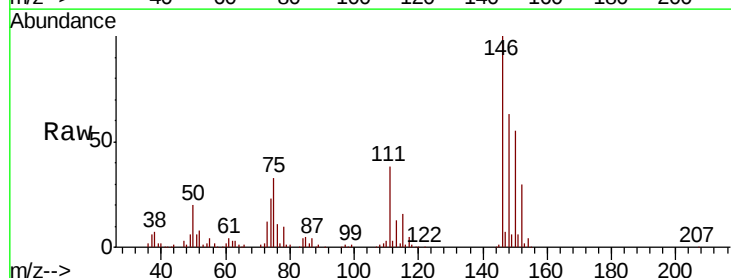
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS02

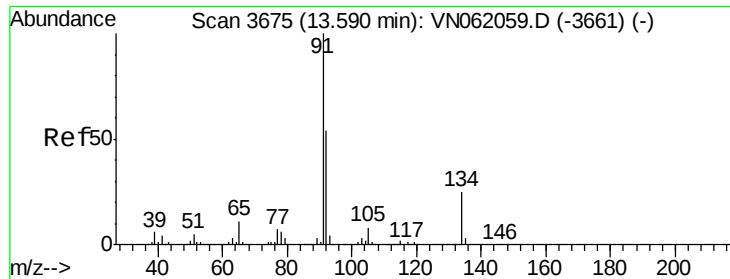
Tot Ion:146 Resp: 113307
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 61.0
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.323 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Tgt Ion:146 Resp: 115160
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.9 59.6
 148 63.2 31.9 95.9

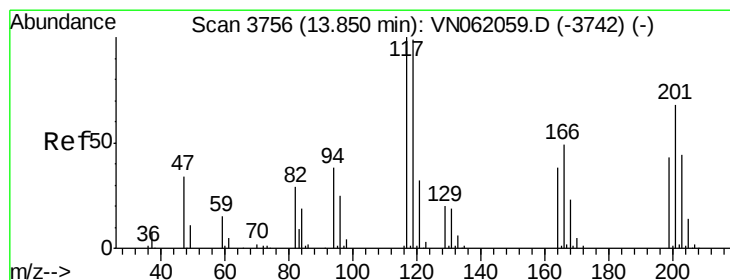
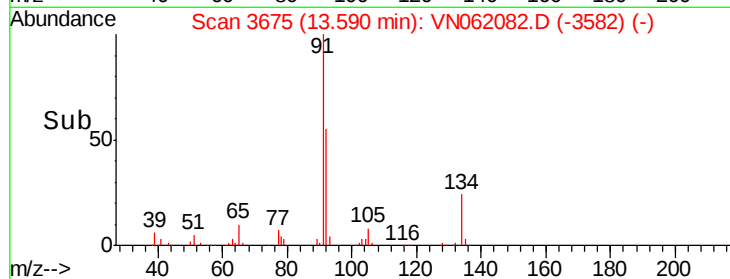
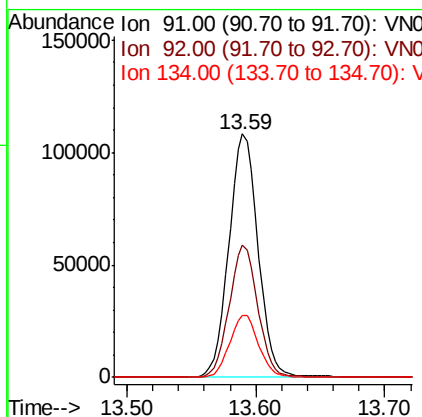
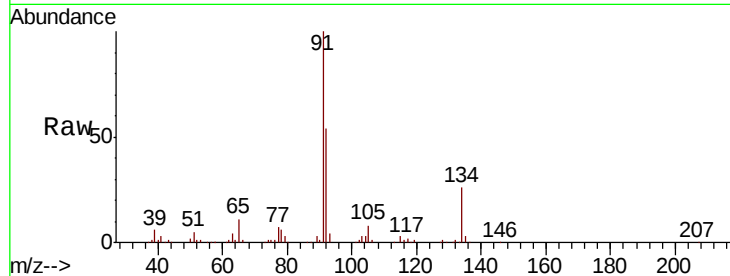




#89
n-Butylbenzene
Concen: 17.222 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

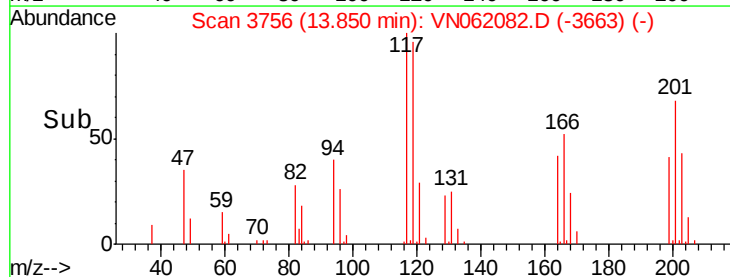
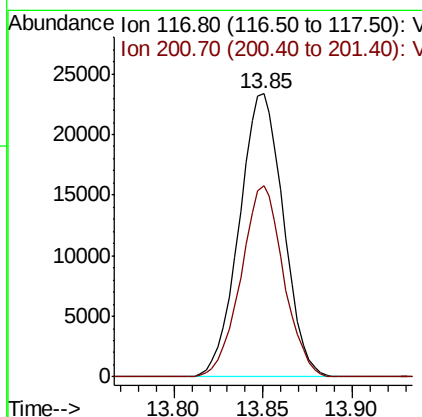
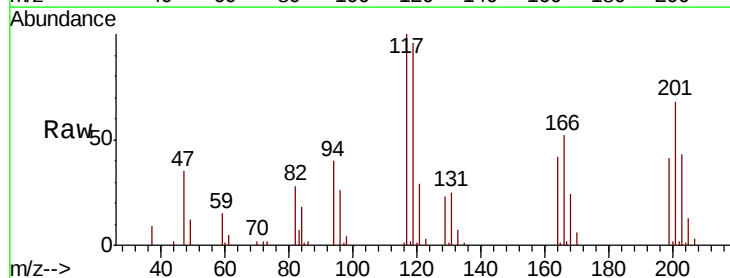
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS02

Tot Ion: 91 Resp: 170113
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.7
134 25.1 12.3 36.9



#90
Hexachloroethane
Concen: 17.335 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062082.D
Acq: 24 Jun 2020 23:26

Tgt Ion: 117 Resp: 40409
Ion Ratio Lower Upper
117 100
201 65.0 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 17.761 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS02

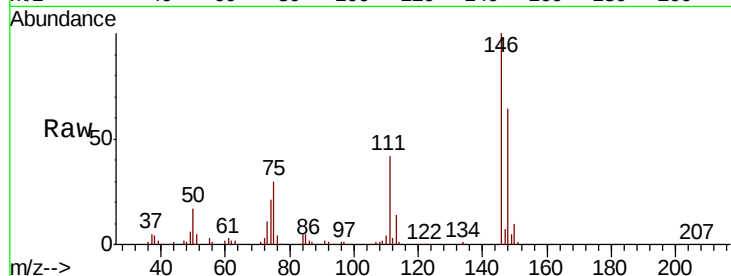
Tot Ion:146 Resp: 111076

Ion Ratio Lower Upper

146 100

111 41.7 21.2 63.6

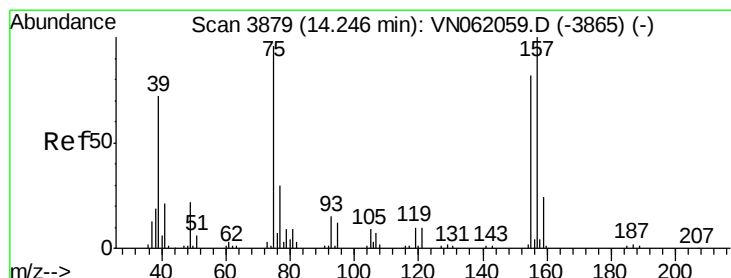
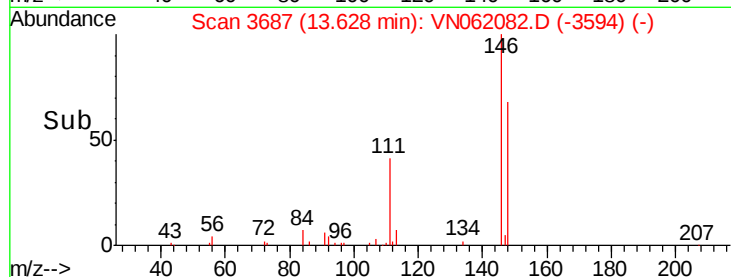
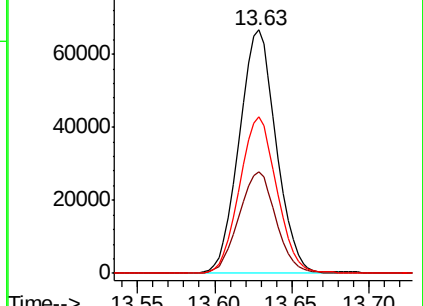
148 64.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.984 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

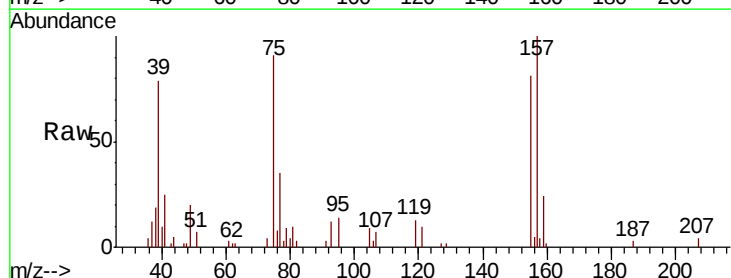
Tgt Ion: 75 Resp: 13394

Ion Ratio Lower Upper

75 100

155 86.6 40.8 122.4

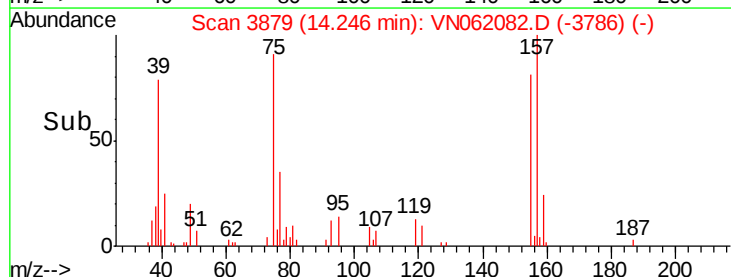
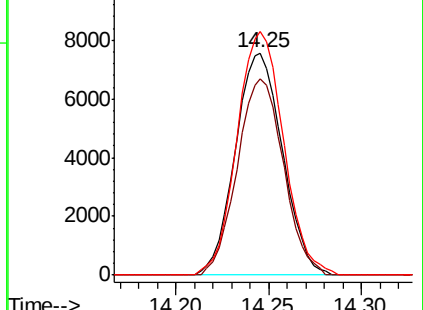
157 108.5 51.4 154.3

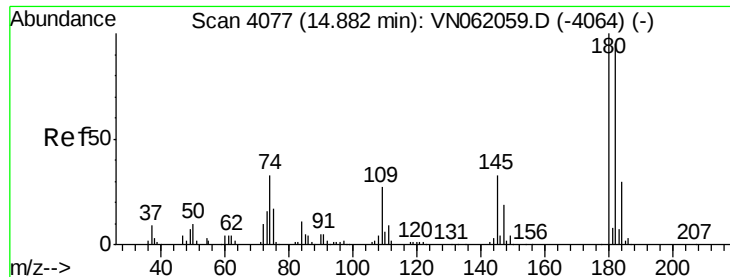


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

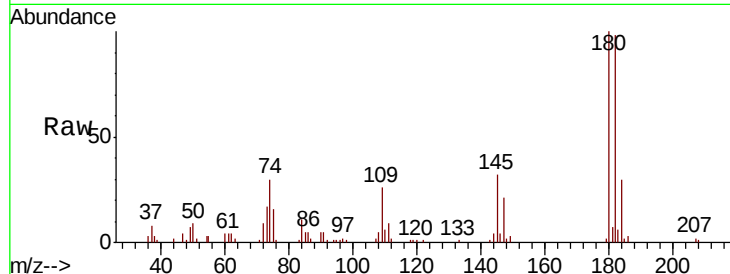




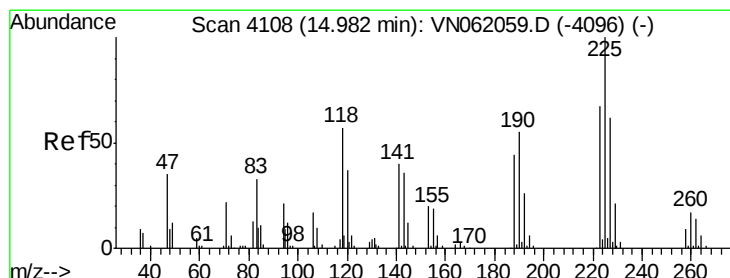
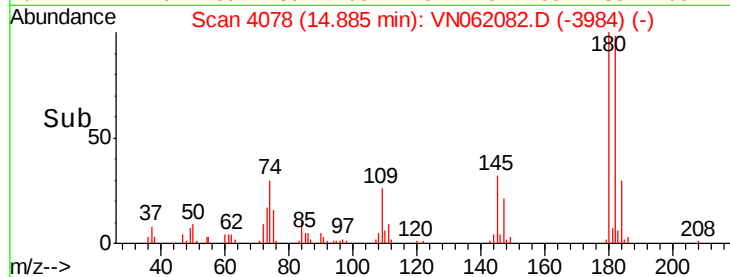
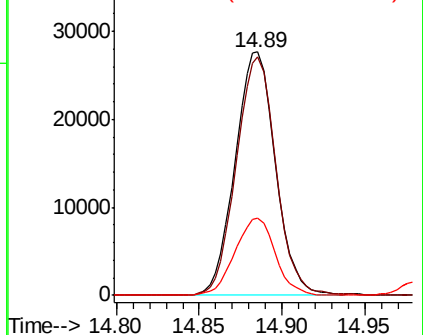
#93
 1,2,4-Trichlorobenzene
 Concen: 17.105 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS02

Tot Ion:180 Resp: 46732
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.0 144.2
 145 31.6 16.0 48.0

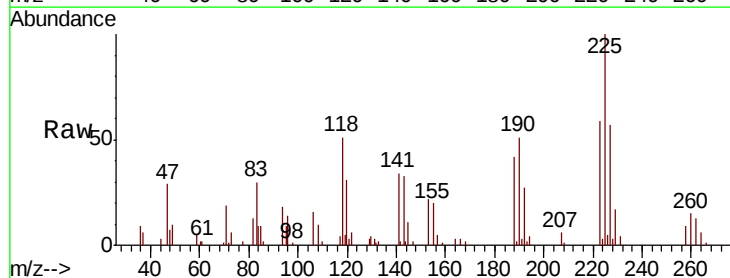


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

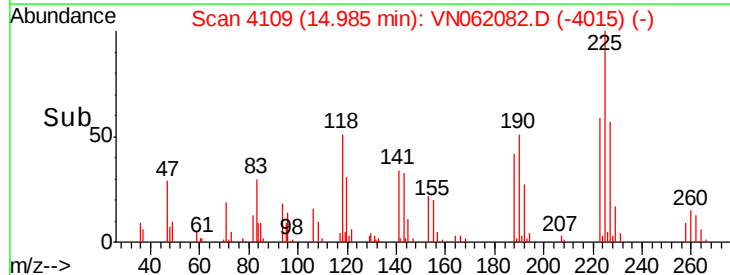
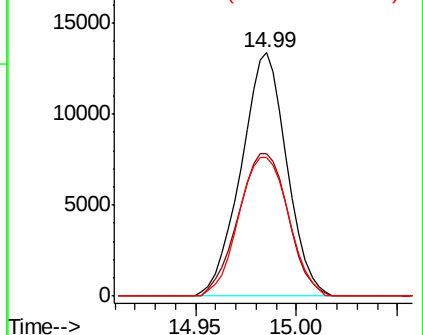


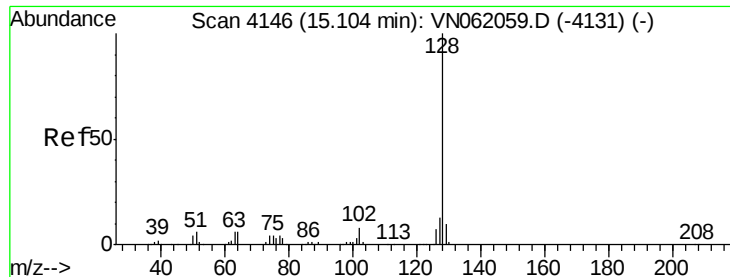
#94
 Hexachlorobutadiene
 Concen: 17.862 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062082.D
 Acq: 24 Jun 2020 23:26

Tgt Ion:225 Resp: 21195
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.9 98.7
 227 62.2 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: 17.506 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS02

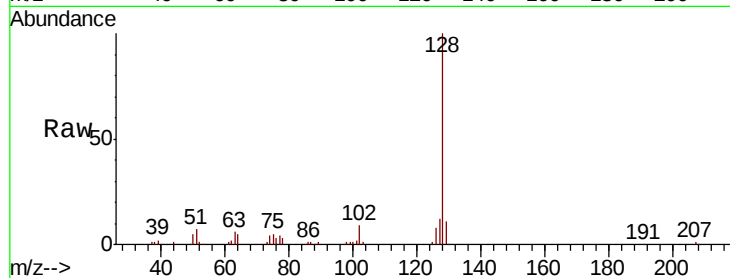
Tot Ion:128 Resp: 133762

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

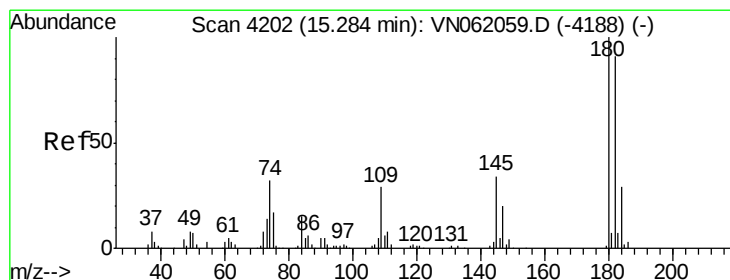
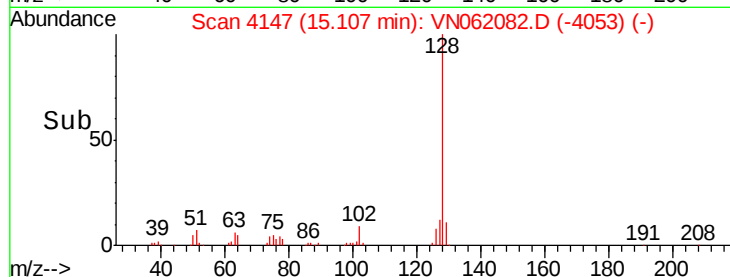
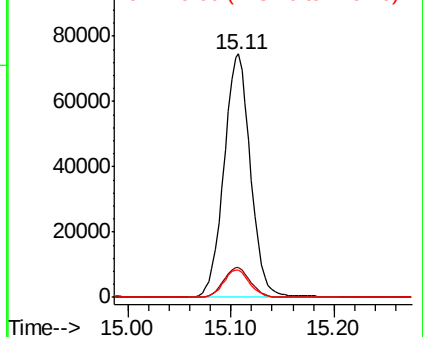
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.297 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062082.D

Acq: 24 Jun 2020 23:26

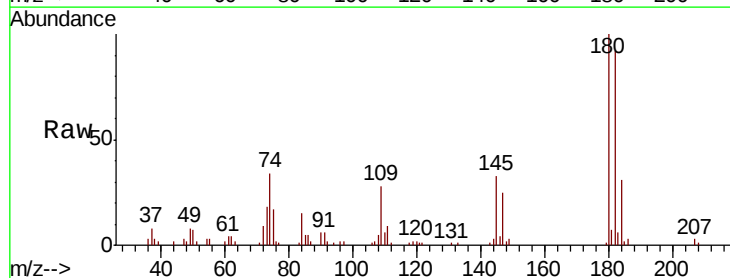
Tgt Ion:180 Resp: 48318

Ion Ratio Lower Upper

180 100

182 91.9 46.8 140.4

145 33.5 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

