

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062085.D
 Acq On : 25 Jun 2020 00:38
 Operator : JC/MD
 Sample : VN0624MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

Quant Time: Jun 25 04:34:58 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	244773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	446421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	163085	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	7.55	113	130865	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
50) Toluene-d8	10.06	98	527972	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.38	95	169255	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50419	18.223	ug/l	100
3) Chloromethane	2.03	50	64888	19.094	ug/l	99
4) Vinyl Chloride	2.16	62	79513	18.249	ug/l	99
5) Bromomethane	2.53	94	46349	16.459	ug/l	99
6) Chloroethane	2.67	64	55344	18.595	ug/l	100
7) Trichlorofluoromethane	2.98	101	93299	17.378	ug/l	100
8) Diethyl Ether	3.37	74	35487	18.929	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50394	17.925	ug/l	99
10) Methyl Iodide	3.91	142	49261	15.558	ug/l	99
11) Tert butyl alcohol	4.74	59	46752	94.796	ug/l	99
12) 1,1-Dichloroethene	3.70	96	51282	18.246	ug/l	99
13) Acrolein	3.57	56	38911	80.584	ug/l	97
14) Allyl chloride	4.27	41	70557	18.439	ug/l	99
15) Acrylonitrile	4.93	53	126557	94.167	ug/l	99
16) Acetone	3.78	43	103237	93.209	ug/l	99
17) Carbon Disulfide	4.01	76	152119	18.927	ug/l	98
18) Methyl Acetate	4.28	43	49506	18.130	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	168938	18.811	ug/l	98
20) Methylene Chloride	4.50	84	62583	19.716	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	56516	17.651	ug/l	90
22) Diisopropyl ether	5.90	45	160132	18.379	ug/l	98
23) Vinyl Acetate	5.84	43	657294	92.401	ug/l	99
24) 1,1-Dichloroethane	5.80	63	102809	18.324	ug/l	100
25) 2-Butanone	6.79	43	155214	92.446	ug/l	99
26) 2,2-Dichloropropane	6.78	77	70557	15.091	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64999	18.041	ug/l	97
28) Bromochloromethane	7.15	49	43612	17.916	ug/l	99
29) Tetrahydrofuran	7.17	42	104540	95.053	ug/l	99
30) Chloroform	7.33	83	104735	18.348	ug/l	99
31) Cyclohexane	7.61	56	86935	18.318	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	88127	18.307	ug/l	100
36) 1,1-Dichloropropene	7.75	75	78460	17.485	ug/l	99
37) Ethyl Acetate	6.88	43	67840	18.258	ug/l	99
38) Carbon Tetrachloride	7.73	117	74054	17.505	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062085.D
 Acq On : 25 Jun 2020 00:38
 Operator : JC/MD
 Sample : VN0624MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0624MBSD01

Quant Time: Jun 25 04:34:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	82126	16.704	ug/l	99
40) Benzene	8.00	78	239281	17.495	ug/l	100
41) Methacrylonitrile	7.13	41	27314	15.856	ug/l	93
42) 1,2-Dichloroethane	8.08	62	81682	17.677	ug/l	100
43) Isopropyl Acetate	8.13	43	107689	17.779	ug/l	99
44) Trichloroethene	8.80	130	59856	17.349	ug/l	99
45) 1,2-Dichloropropane	9.08	63	61697	18.285	ug/l	100
46) Dibromomethane	9.17	93	39985	17.478	ug/l	99
47) Bromodichloromethane	9.37	83	83527	18.083	ug/l	99
48) Methyl methacrylate	9.17	41	47438	17.467	ug/l	99
49) 1,4-Dioxane	9.17	88	21122	350.706	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	328394	92.795	ug/l	98
52) Toluene	10.12	92	152485	18.273	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	84944	16.715	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	96181	17.777	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	59256	18.064	ug/l	98
56) Ethyl methacrylate	10.40	69	78089	17.838	ug/l	100
57) 1,3-Dichloropropane	10.68	76	101145	17.914	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	152217	92.511	ug/l	100
59) 2-Hexanone	10.72	43	234220	91.656	ug/l	99
60) Dibromochloromethane	10.87	129	62540	18.008	ug/l	96
61) 1,2-Dibromoethane	10.98	107	59000	17.504	ug/l	98
64) Tetrachloroethene	10.60	164	49475	17.539	ug/l	98
65) Chlorobenzene	11.41	112	160522	17.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	54870	17.498	ug/l	97
67) Ethyl Benzene	11.48	91	275294	17.975	ug/l	99
68) m/p-Xylenes	11.60	106	215009	36.296	ug/l	100
69) o-Xylene	11.92	106	100989	18.069	ug/l	99
70) Styrene	11.94	104	168494	18.077	ug/l	99
71) Bromoform	12.10	173	39732	17.821	ug/l #	97
73) Isopropylbenzene	12.22	105	264015	18.628	ug/l	100
74) N-amyl acetate	12.05	43	85714	18.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85803	18.193	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	102530	23.788	ug/l #	100
77) Bromobenzene	12.50	156	64120	18.223	ug/l	99
78) n-propylbenzene	12.56	91	297327	18.340	ug/l	98
79) 2-Chlorotoluene	12.65	91	179983	18.364	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	216189	18.817	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23043	15.613	ug/l	92
82) 4-Chlorotoluene	12.75	91	182529	18.010	ug/l	99
83) tert-Butylbenzene	12.97	119	181910	18.501	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	215026	18.739	ug/l	100
85) sec-Butylbenzene	13.15	105	238125	18.328	ug/l	100
86) p-Isopropyltoluene	13.26	119	210456	18.489	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	111437	18.036	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	111302	17.475	ug/l	99
89) n-Butylbenzene	13.59	91	165560	17.494	ug/l	100
90) Hexachloroethane	13.85	117	38285	17.143	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109522	18.279	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15089	19.971	ug/l	96

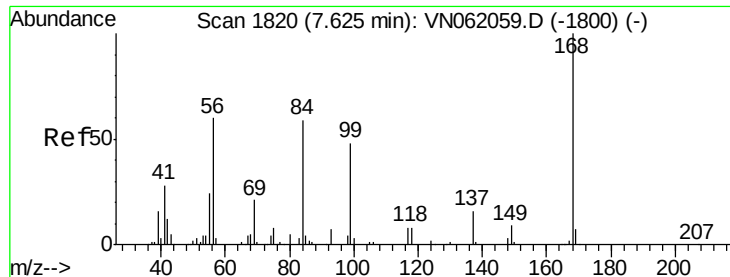
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\
Data File : VN062085.D
Acq On : 25 Jun 2020 00:38
Operator : JC/MD
Sample : VN0624MBSD01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Quant Time: Jun 25 04:34:58 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	14.88	180	46815	17.886	ug/l	99
94) Hexachlorobutadiene	14.98	225	20458	17.996	ug/l	97
95) Naphthalene	15.11	128	136802	18.418	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	49321	18.428	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: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

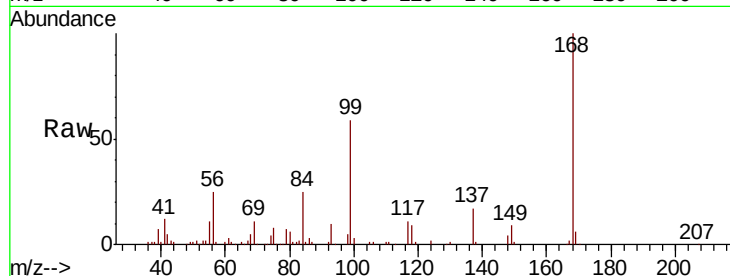
VN0624MBSD01

Tot Ion:168 Resp: 244773

Ion Ratio Lower Upper

168 100

99 58.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062059.D (-1800) (-)

Ion 98.90 (98.60 to 99.60): VN062059.D (-1800) (-)

7.63

120000

100000

80000

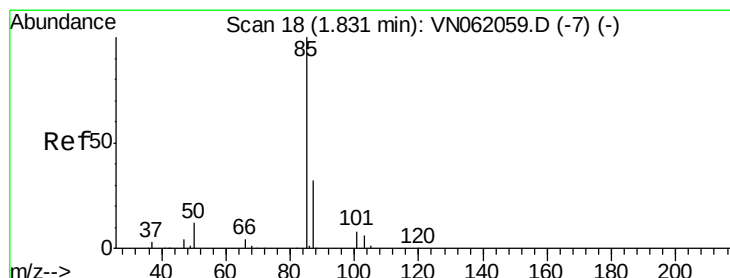
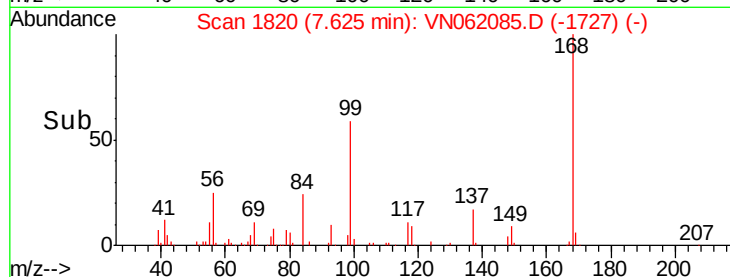
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.223 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062085.D

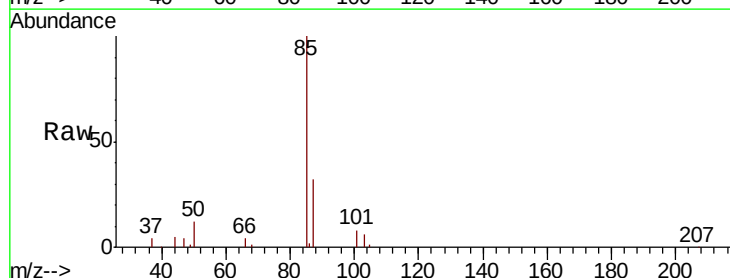
Acq: 25 Jun 2020 00:38

Tgt Ion: 85 Resp: 50419

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN062059.D (-7) (-)

Ion 86.90 (86.60 to 87.60): VN062059.D (-7) (-)

1.83

40000

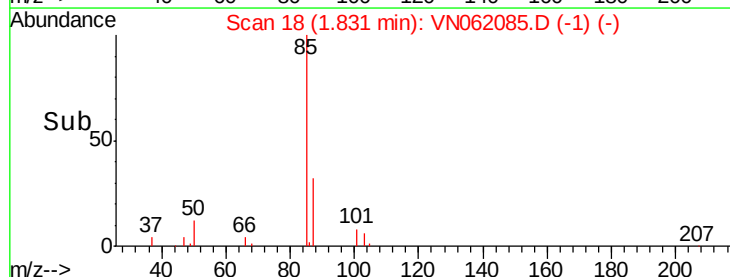
30000

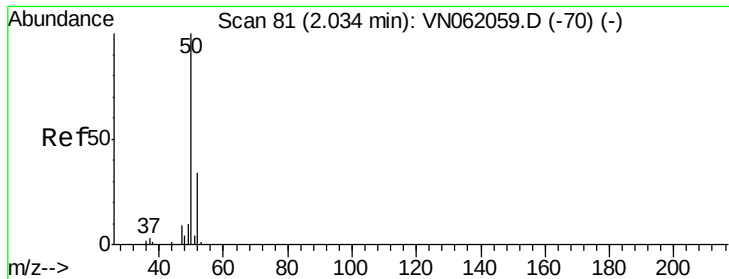
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.094 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

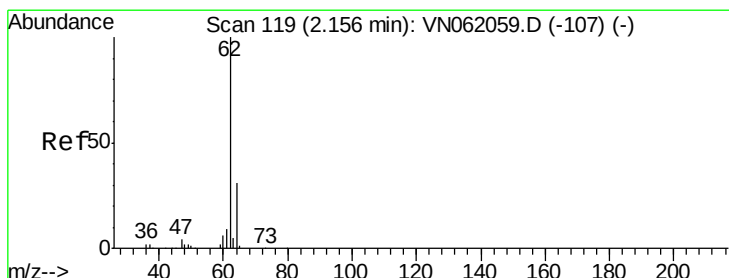
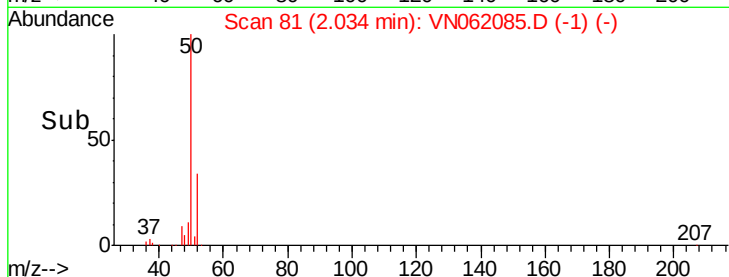
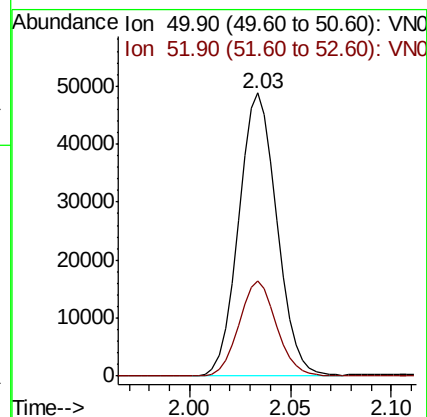
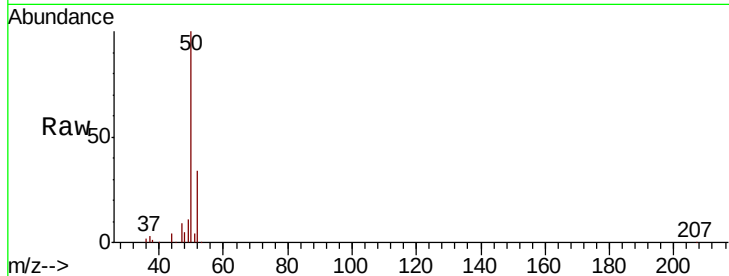
VN0624MBSD01

Tot Ion: 50 Resp: 64888

Ion Ratio Lower Upper

50 100

52 33.5 27.0 40.6



#4

Vinyl Chloride

Concen: 18.249 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062085.D

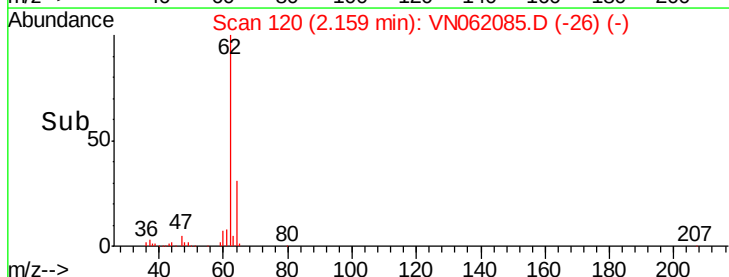
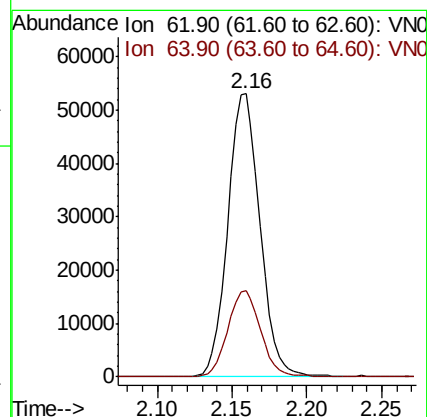
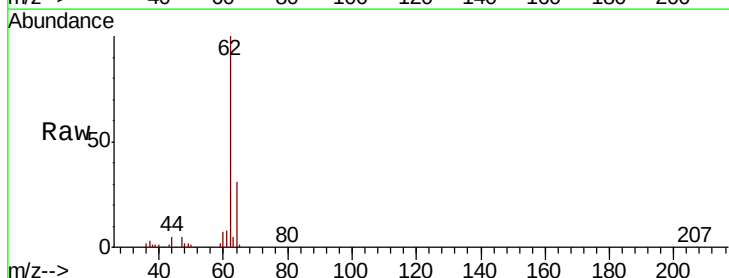
Acq: 25 Jun 2020 00:38

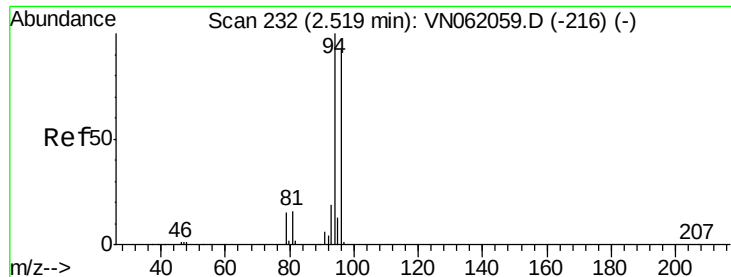
Tgt Ion: 62 Resp: 79513

Ion Ratio Lower Upper

62 100

64 30.6 25.1 37.7





#5

Bromomethane

Concen: 16.459 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

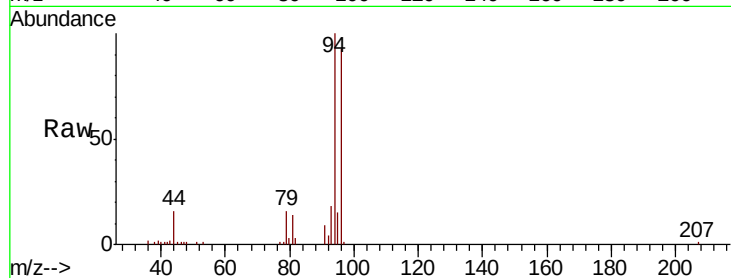
VN0624MBSD01

Tot Ion: 94 Resp: 46349

Ion Ratio Lower Upper

94 100

96 93.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062085.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062085.D (-139) (-)

2.53

25000

20000

15000

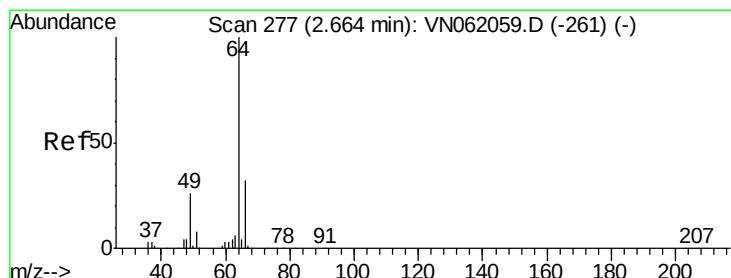
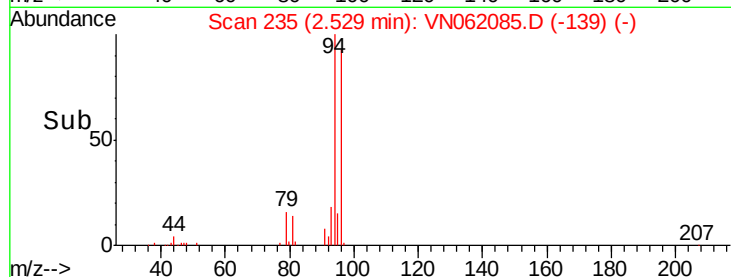
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 18.595 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062085.D

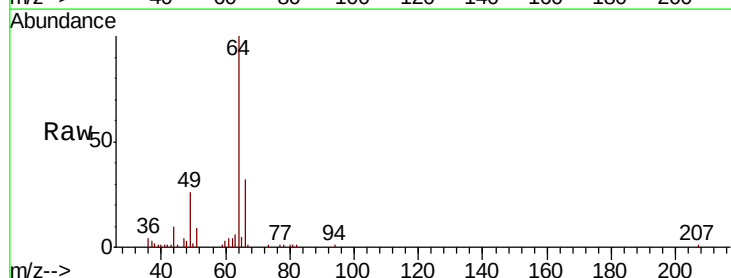
Acq: 25 Jun 2020 00:38

Tgt Ion: 64 Resp: 55344

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062085.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062085.D (-184) (-)

2.67

30000

25000

20000

15000

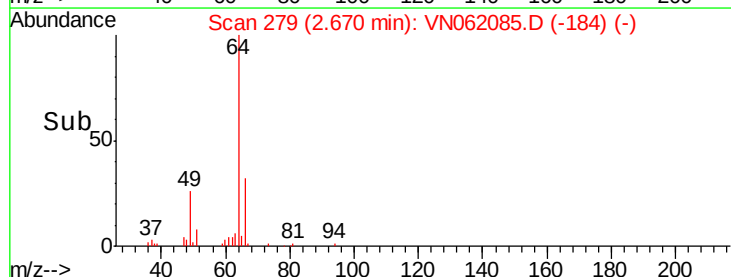
10000

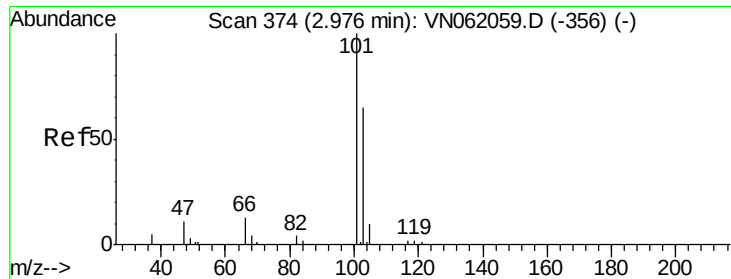
5000

0

Time-->

2.60 2.65 2.70 2.75 2.80



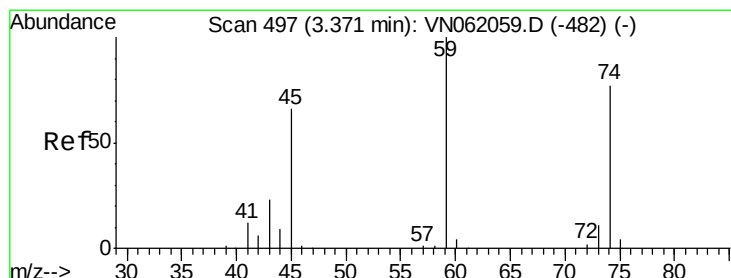
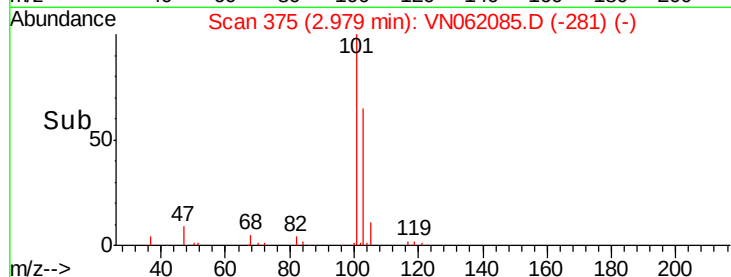
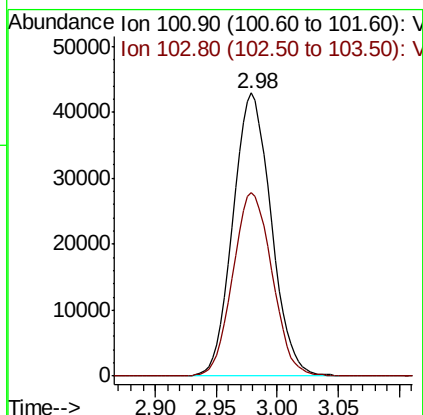
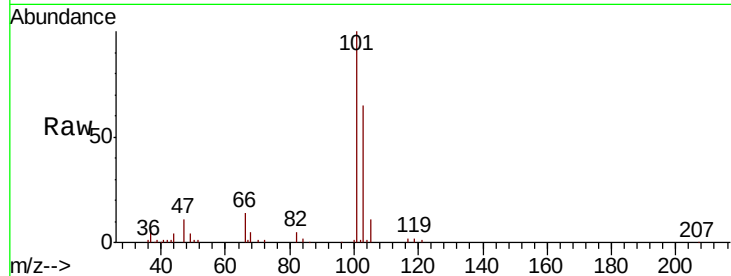


#7

Trichlorofluoromethane
 Concen: 17.378 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

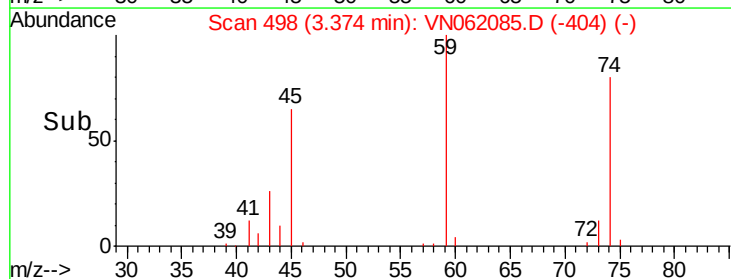
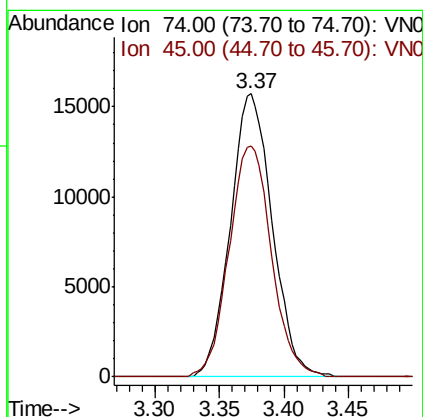
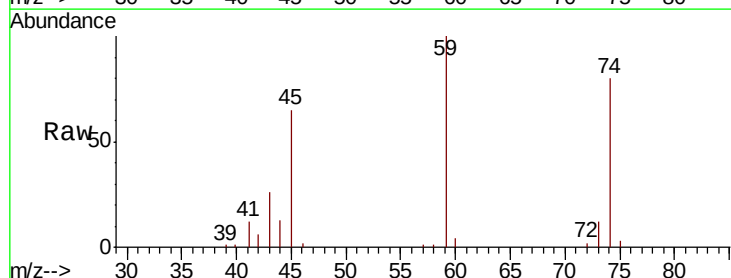
Tot Ion:101 Resp: 93299
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.8 77.6

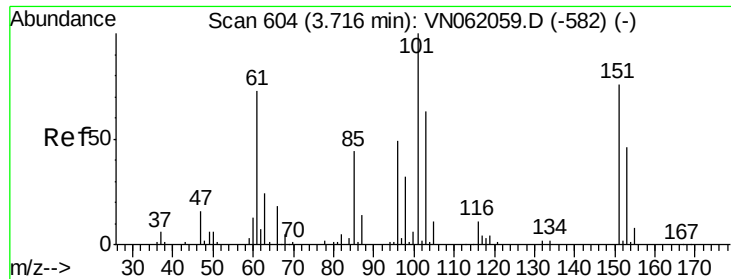


#8

Diethyl Ether
 Concen: 18.929 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion: 74 Resp: 35487
 Ion Ratio Lower Upper
 74 100
 45 82.7 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.925 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

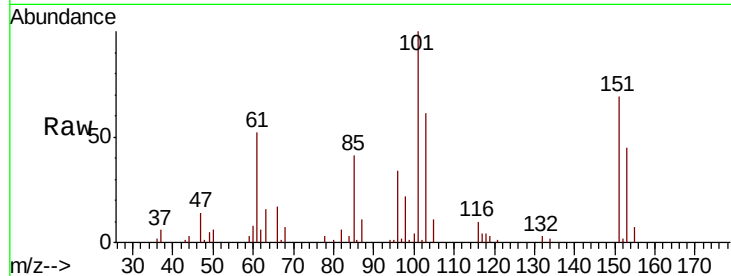
Tot Ion:101 Resp: 50394

Ion Ratio Lower Upper

101 100

85 42.8 34.5 51.7

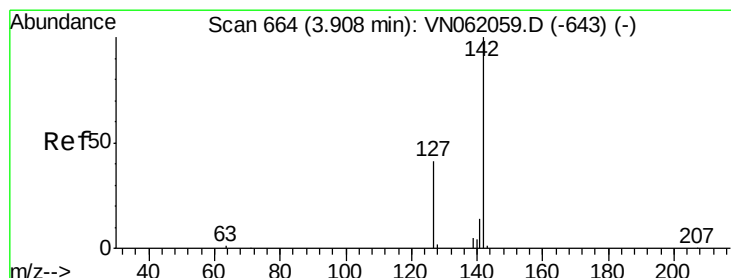
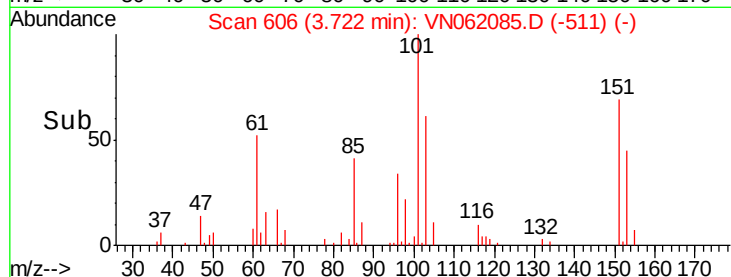
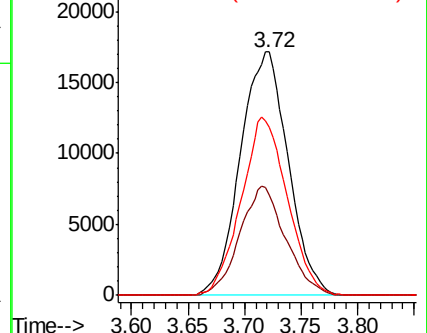
151 70.8 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.558 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

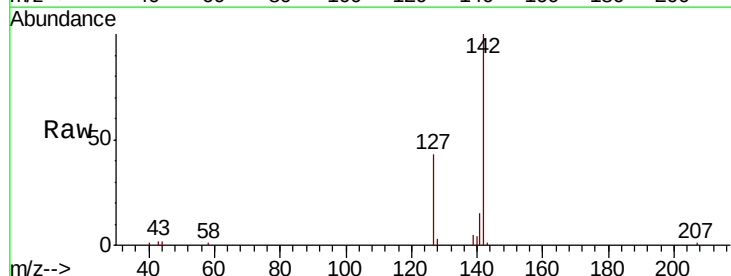
Tgt Ion:142 Resp: 49261

Ion Ratio Lower Upper

142 100

127 41.2 33.6 50.4

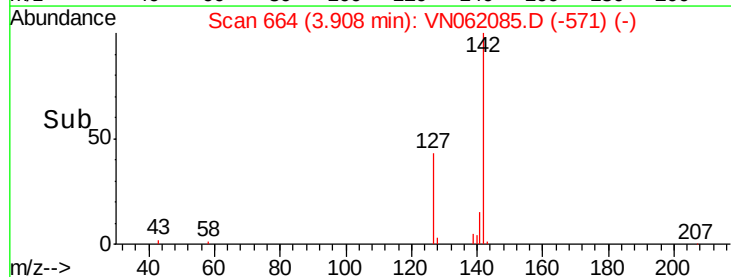
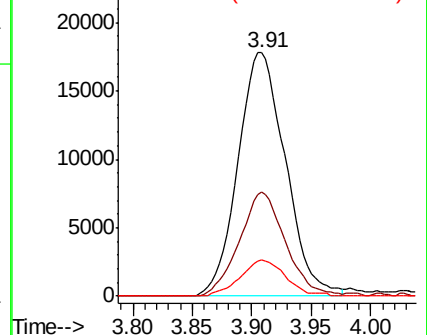
141 13.8 11.3 16.9

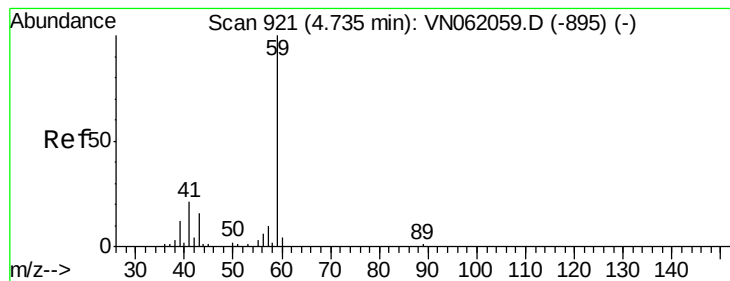


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.796 ug/l

RT: 4.74 min Scan# 923

Delta R.T. 0.01 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

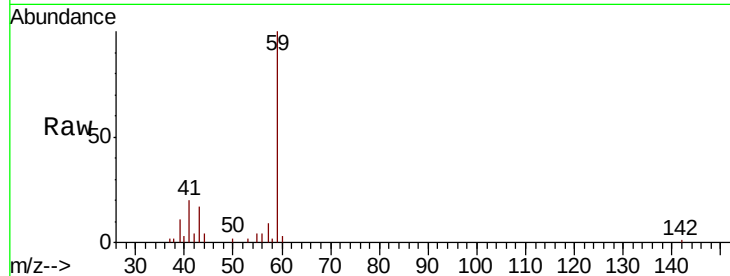
VN0624MBSD01

Tot Ion: 59 Resp: 46752

Ion Ratio Lower Upper

59 100

57 9.9 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

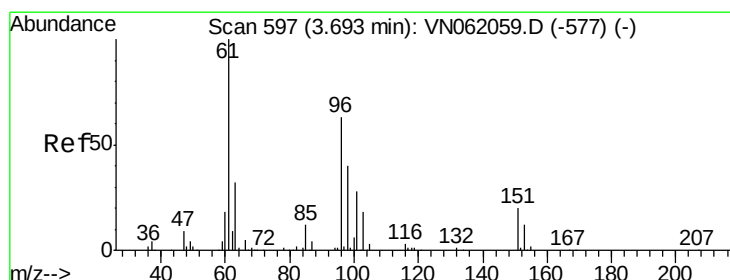
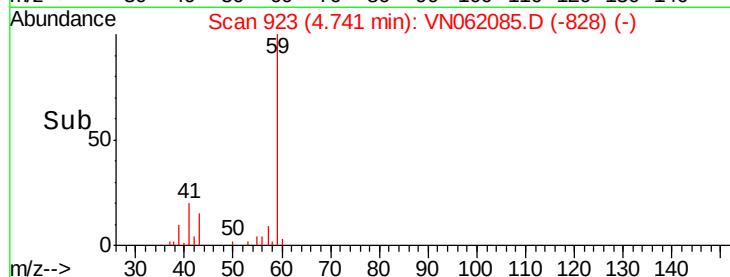
10000

5000

0

Time-->

4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 18.246 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

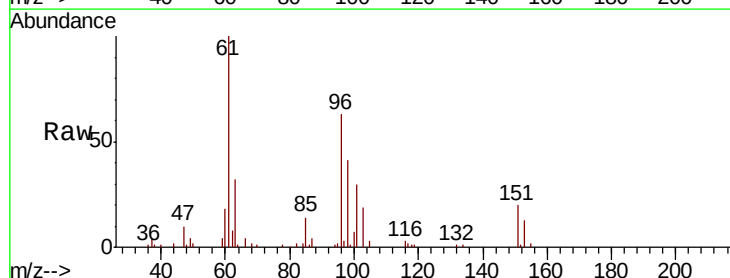
Tgt Ion: 96 Resp: 51282

Ion Ratio Lower Upper

96 100

61 159.5 126.7 190.1

98 64.7 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) (-)

40000

30000

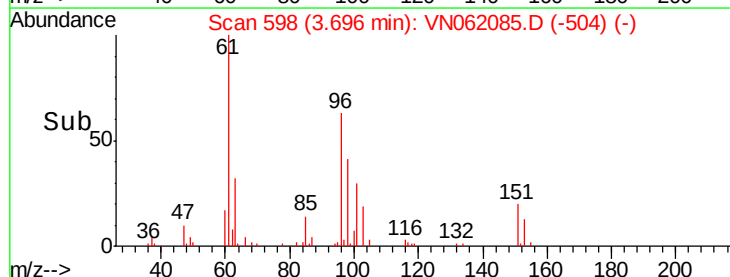
20000

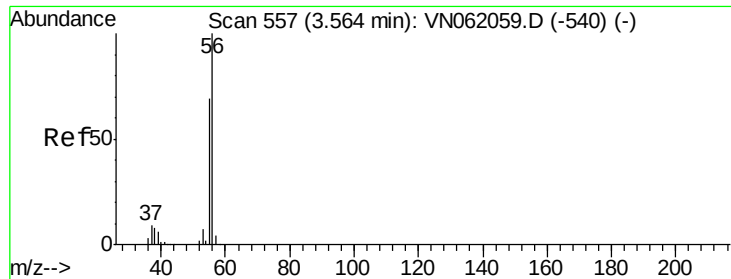
10000

0

Time-->

3.60 3.70 3.80





#13

Acrolein

Concen: 80.584 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

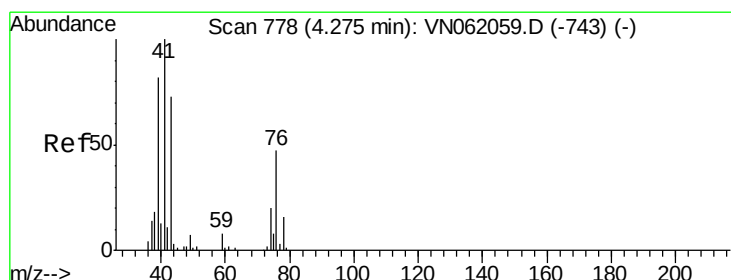
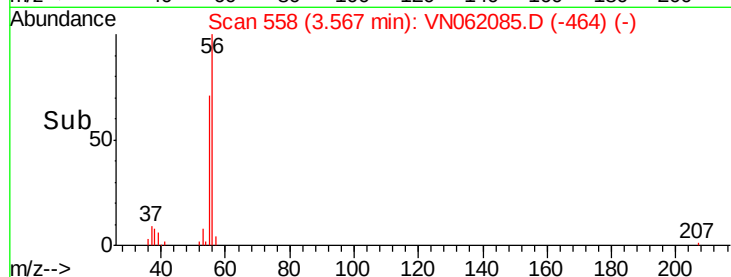
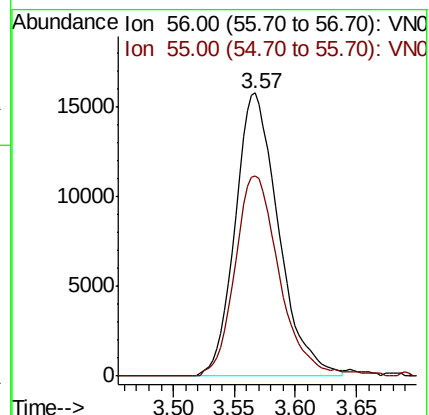
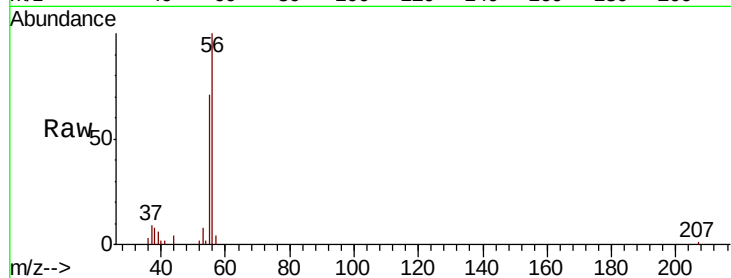
VN0624MBSD01

Tot Ion: 56 Resp: 38911

Ion Ratio Lower Upper

56 100

55 72.2 55.5 83.3



#14

Allyl chloride

Concen: 18.439 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

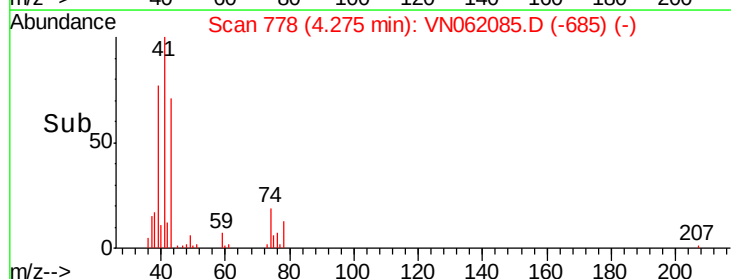
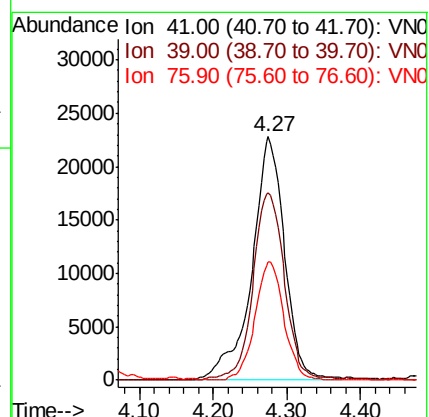
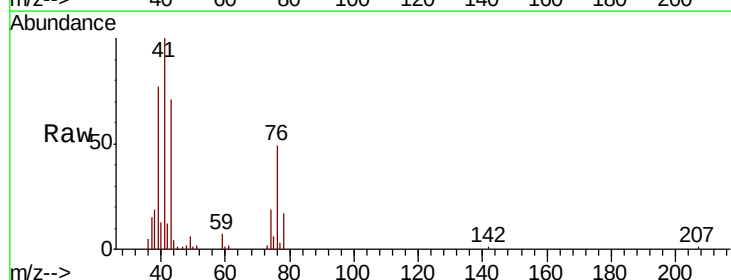
Tgt Ion: 41 Resp: 70557

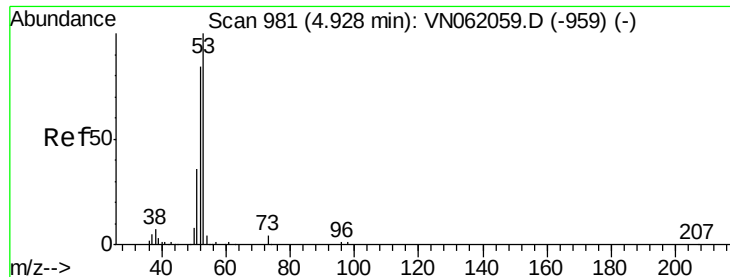
Ion Ratio Lower Upper

41 100

39 73.8 60.0 90.0

76 42.8 34.1 51.1

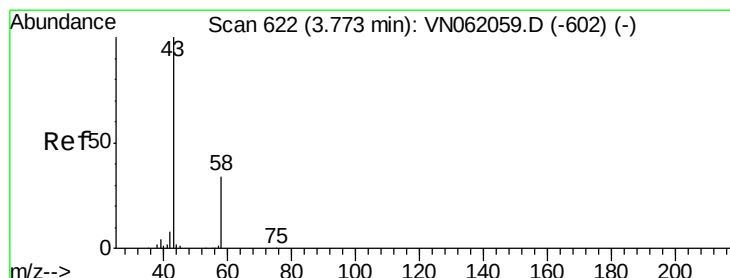
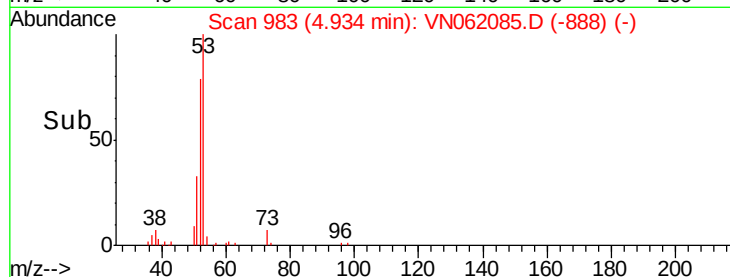
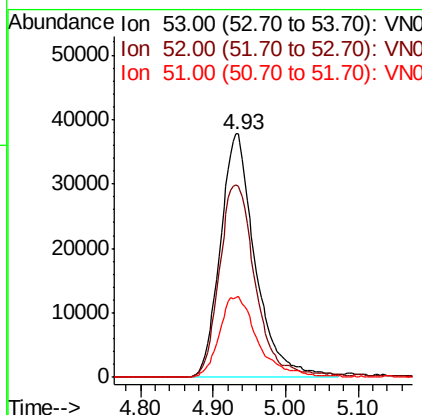
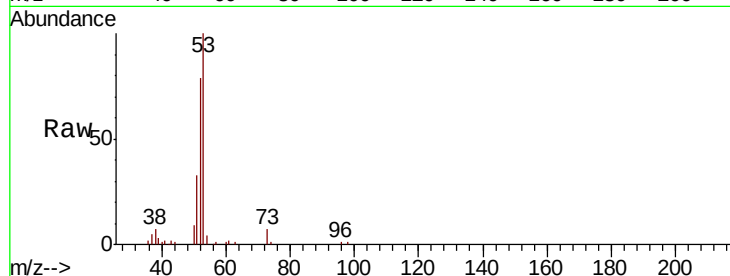




#15
 Acrylonitrile
 Concen: 94.167 ug/l
 RT: 4.93 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

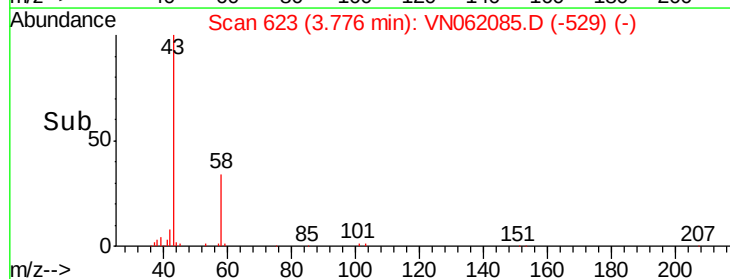
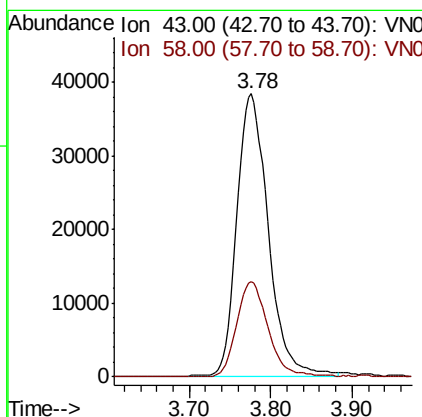
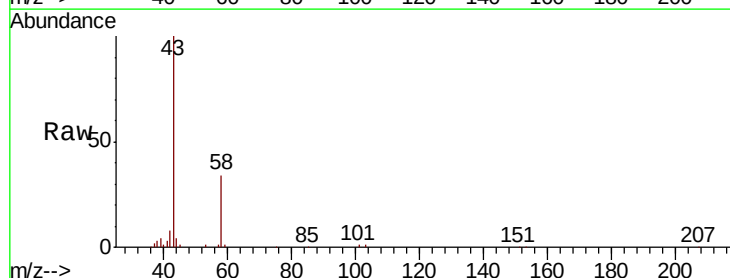
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

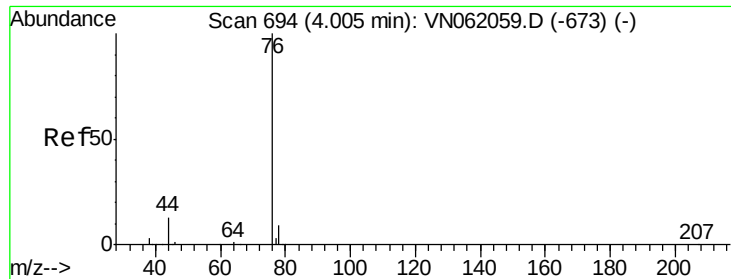
Tot Ion	53	Resp	126557
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.2	99.4
51	36.5	28.9	43.3



#16
 Acetone
 Concen: 93.209 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion	43	Resp	103237
Ion Ratio	Lower	Upper	
43	100		
58	33.8	27.5	41.3

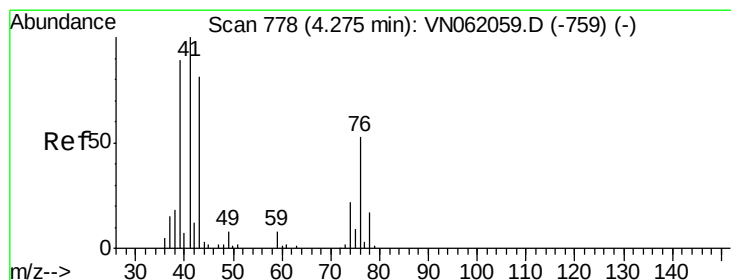
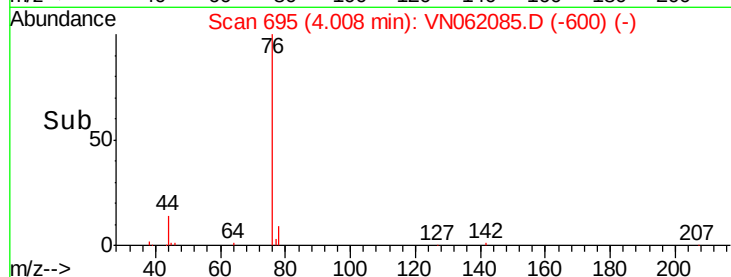
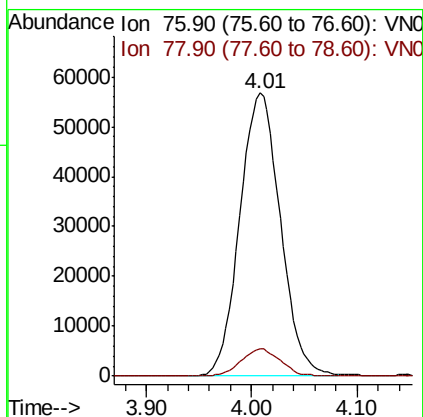
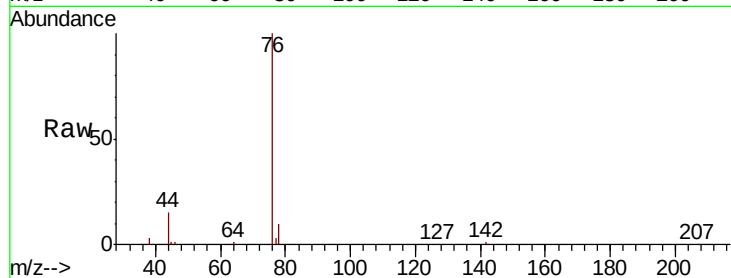




#17
Carbon Disulfide
Concen: 18.927 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

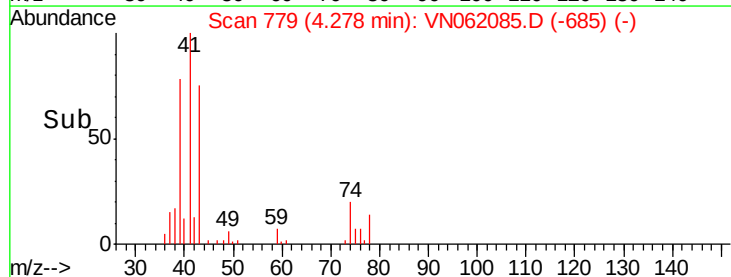
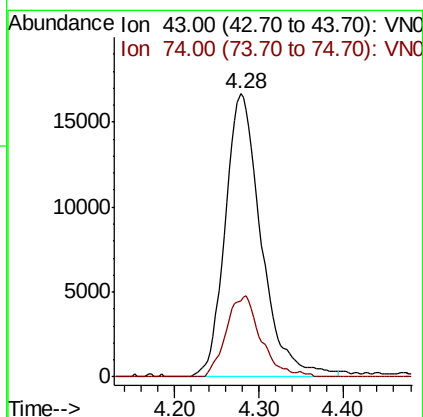
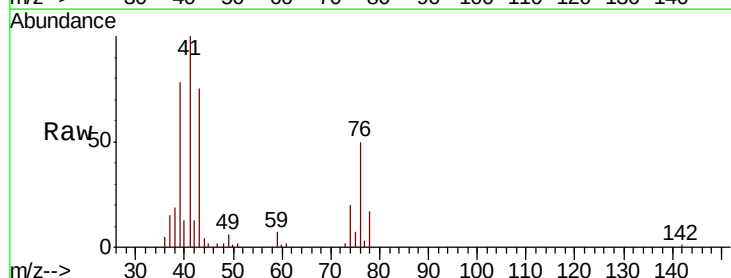
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

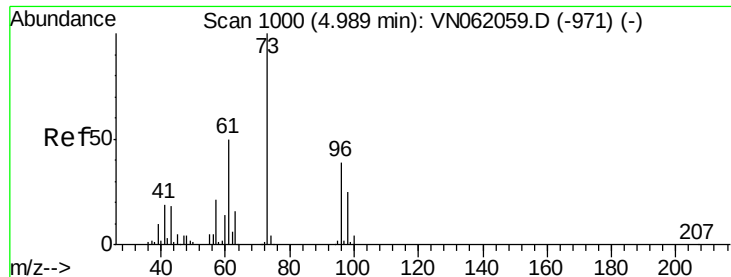
Tot Ion: 76 Resp: 152119
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 18.130 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 43 Resp: 49506
Ion Ratio Lower Upper
43 100
74 27.1 22.9 34.3

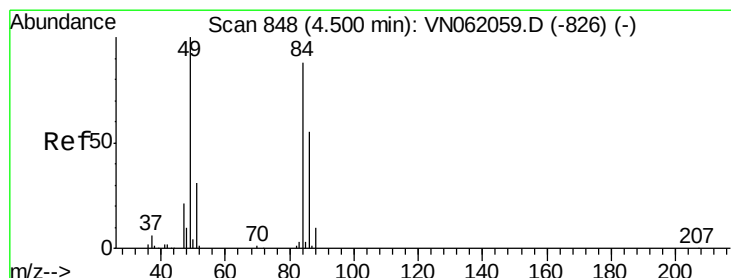
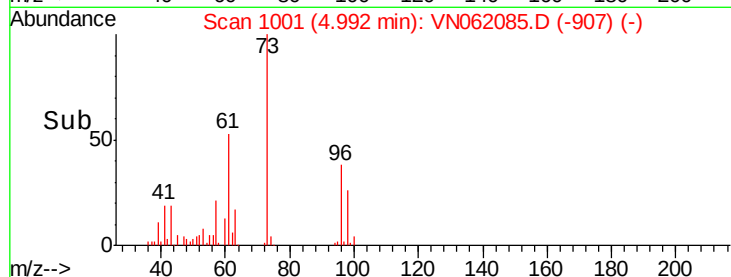
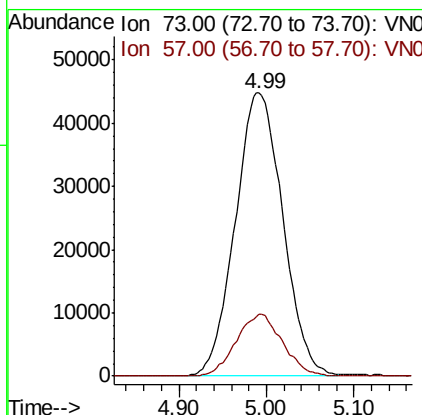
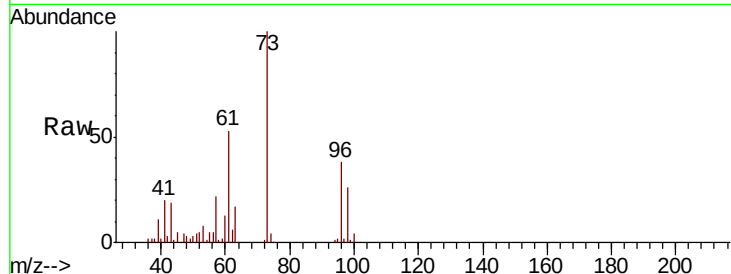




#19
Methvl tert-butvl Ether
Concen: 18.811 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

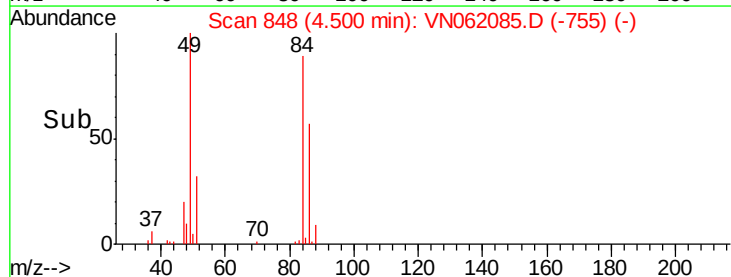
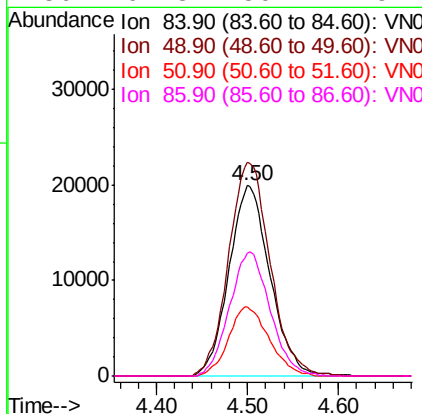
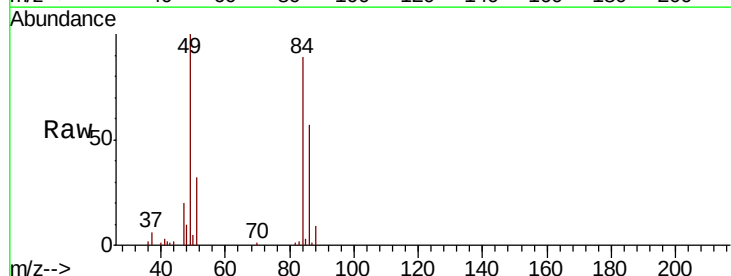
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

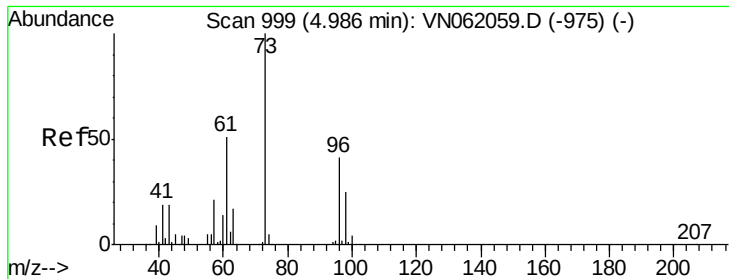
Tot Ion: 73 Resp: 168938
Ion Ratio Lower Upper
73 100
57 21.8 16.6 24.8



#20
Methylene Chloride
Concen: 19.716 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 84 Resp: 62583
Ion Ratio Lower Upper
84 100
49 112.0 90.6 136.0
51 36.4 27.8 41.8
86 64.3 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.651 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

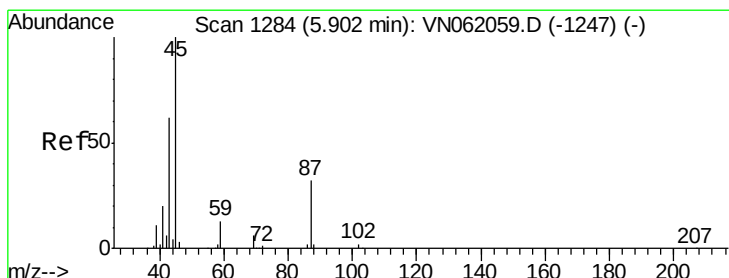
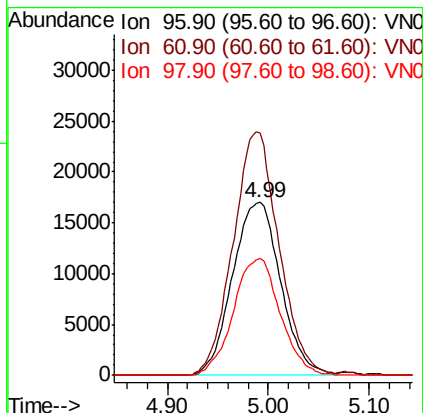
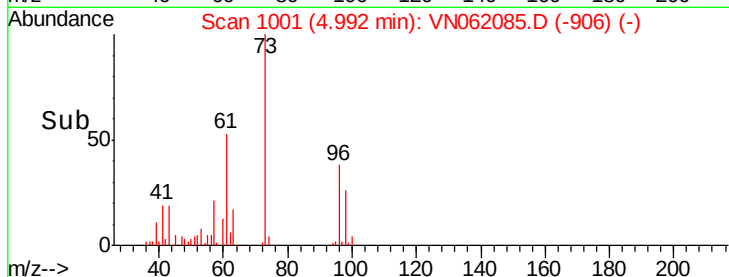
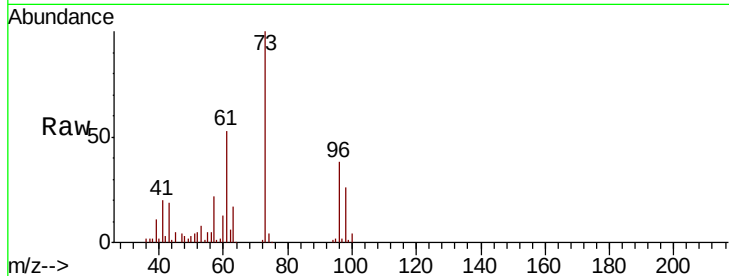
Tot Ion: 96 Resp: 56516

Ion Ratio Lower Upper

96 100

61 139.8 101.4 152.2

98 67.8 49.3 73.9



#22

Diisopropyl ether

Concen: 18.379 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Tgt Ion: 45 Resp: 160132

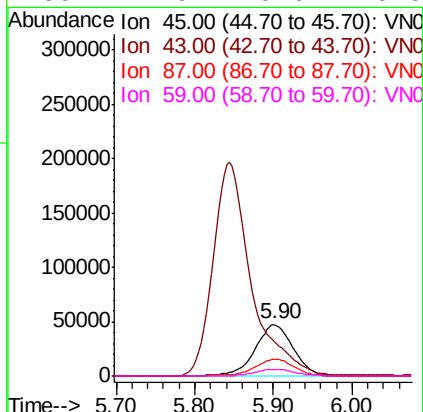
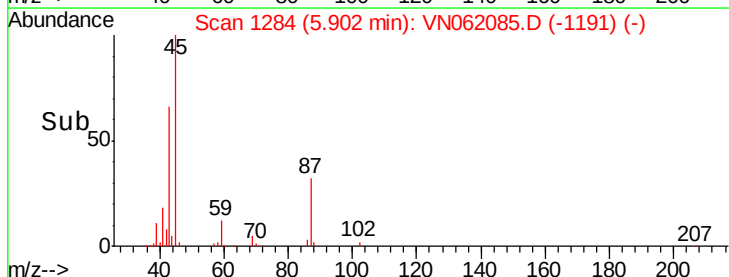
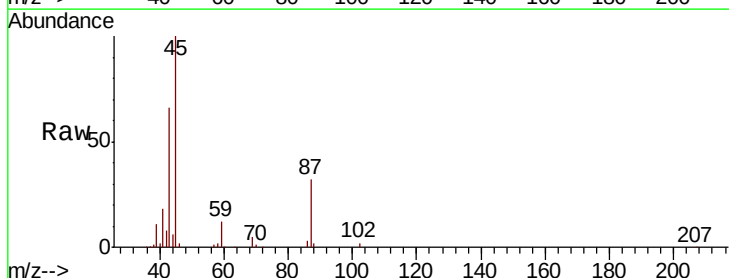
Ion Ratio Lower Upper

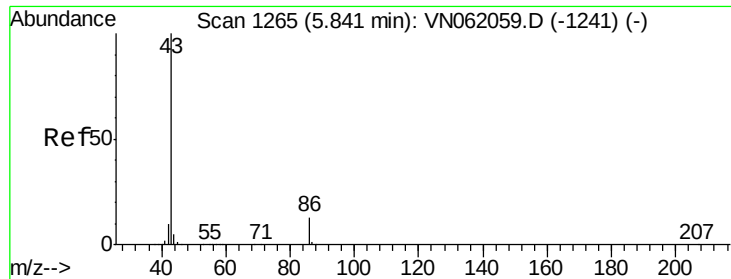
45 100

43 63.3 49.7 74.5

87 31.9 25.9 38.9

59 11.9 10.6 16.0





#23

Vinyl Acetate

Concen: 92.401 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

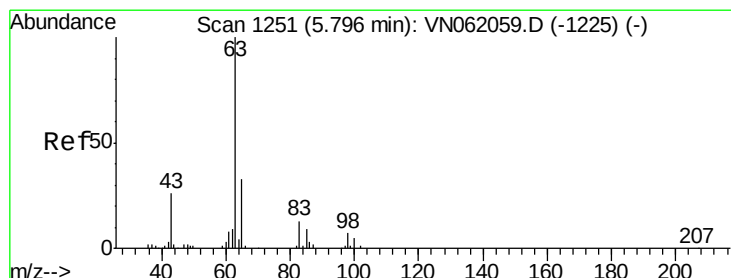
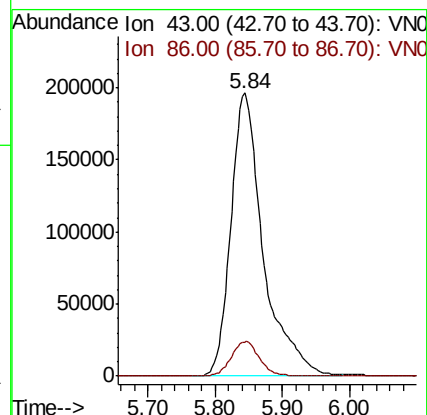
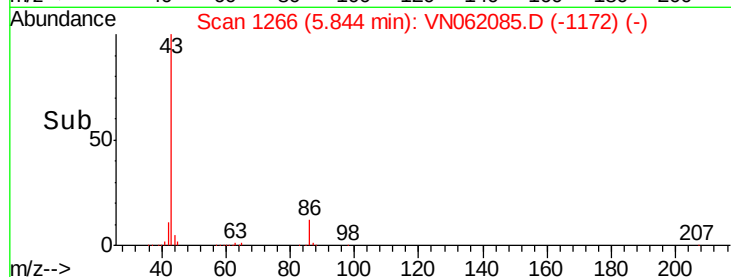
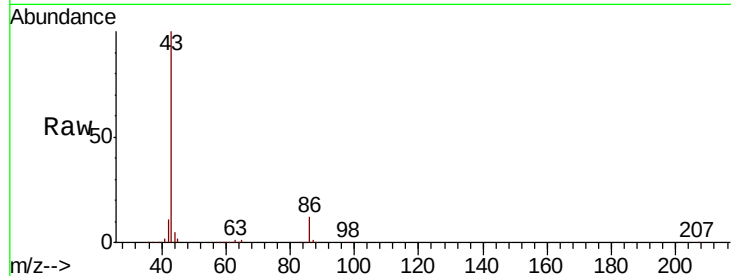
VN0624MBSD01

Tot Ion: 43 Resp: 657294

Ion Ratio Lower Upper

43 100

86 12.0 10.1 15.1



#24

1,1-Dichloroethane

Concen: 18.324 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

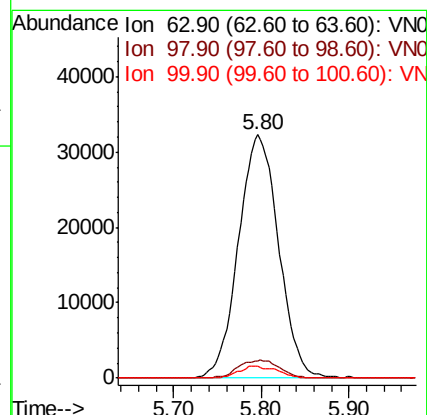
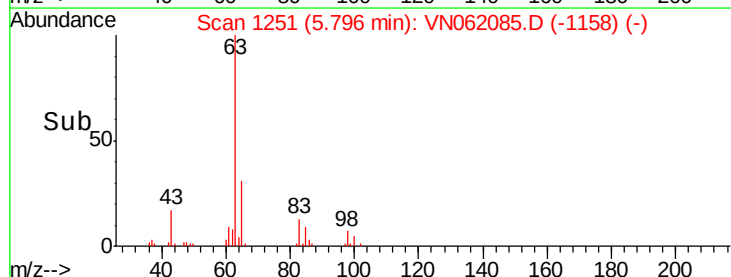
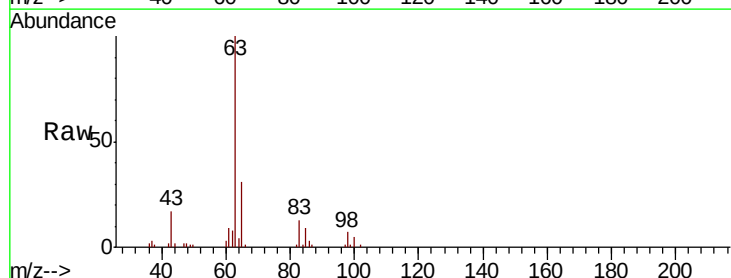
Tgt Ion: 63 Resp: 102809

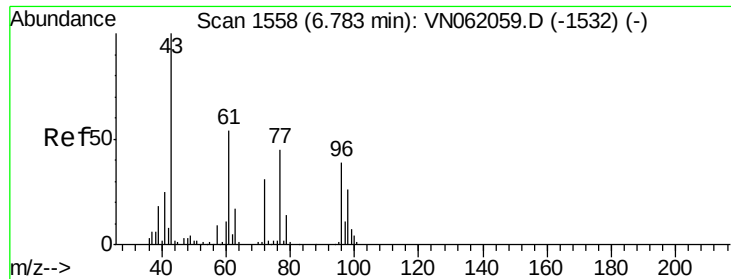
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.9 2.4 7.1

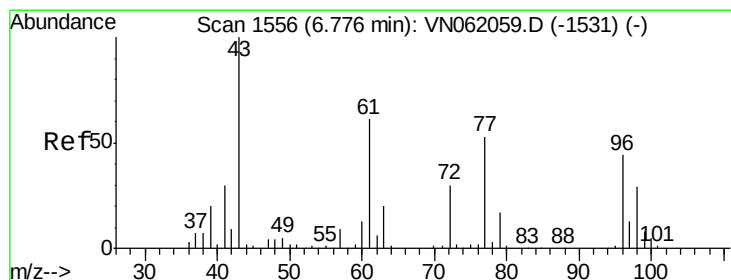
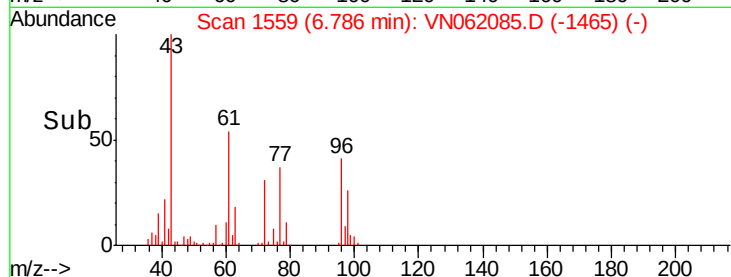
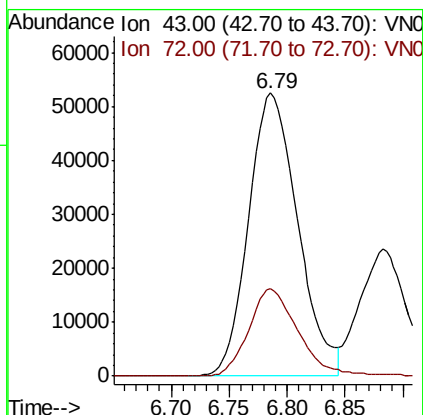
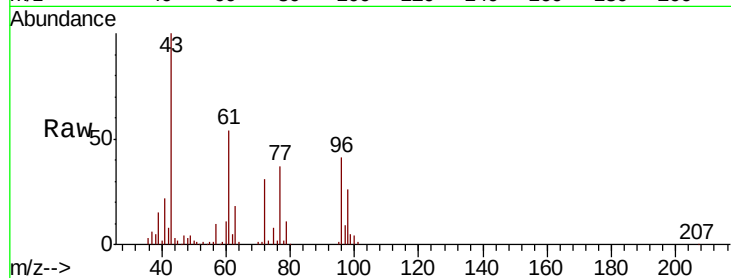




#25
2-Butanone
Concen: 92.446 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

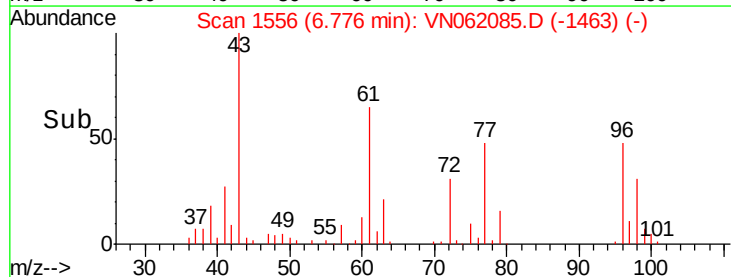
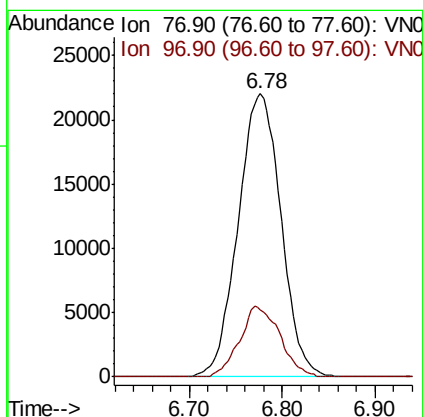
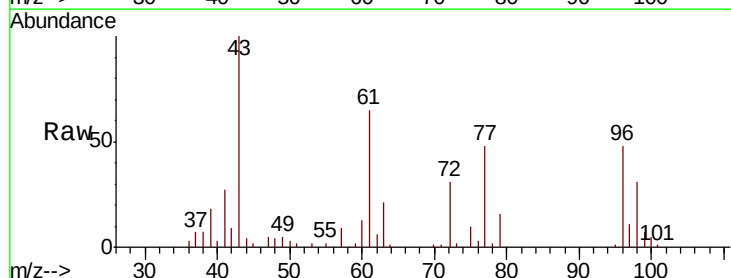
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

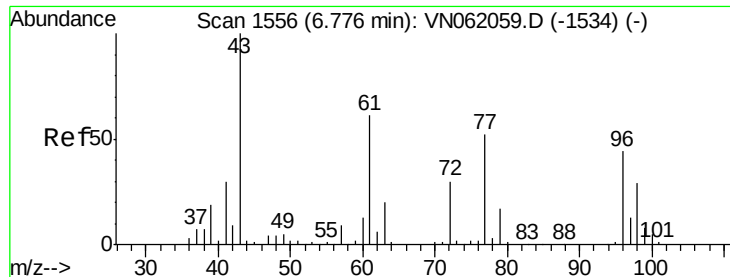
Tot Ion: 43 Resp: 155214
Ion Ratio Lower Upper
43 100
72 30.7 24.8 37.2



#26
2,2-Dichloropropane
Concen: 15.091 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 77 Resp: 70557
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.041 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

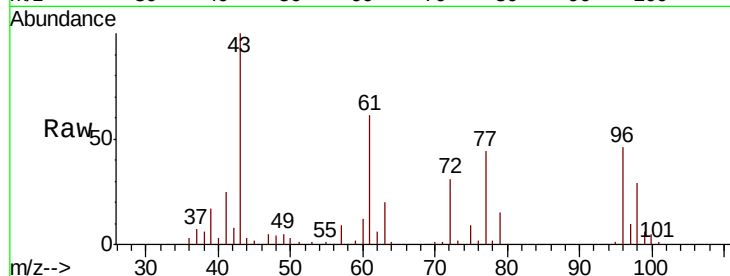
Tot Ion: 96 Resp: 64999

Ion Ratio Lower Upper

96 100

61 135.4 0.0 280.4

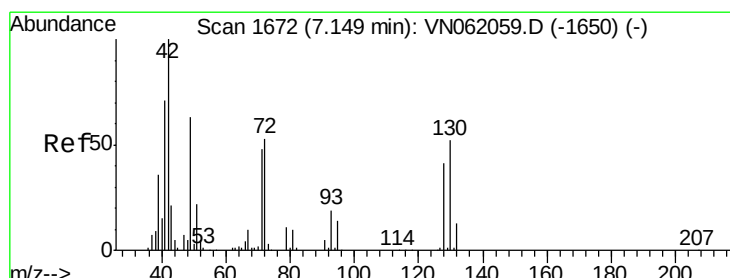
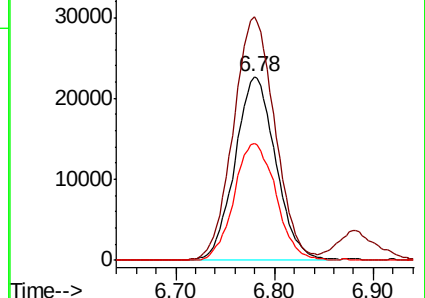
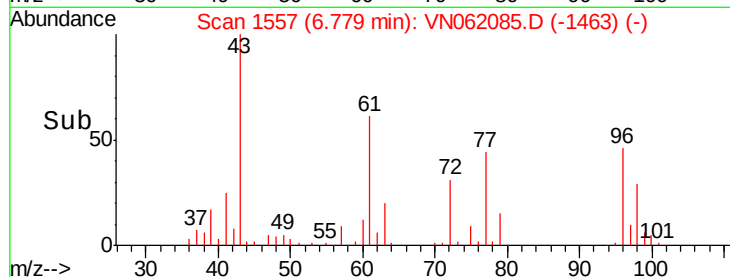
98 65.3 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 17.916 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

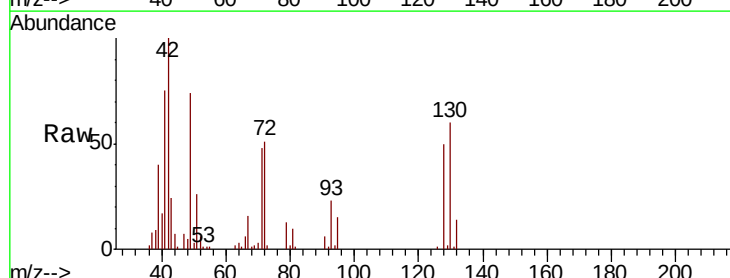
Tgt Ion: 49 Resp: 43612

Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.4

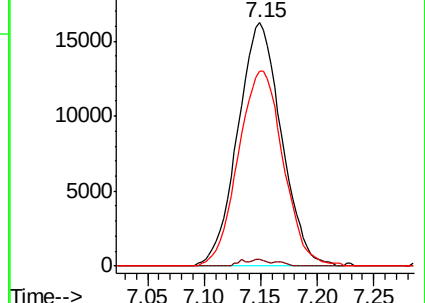
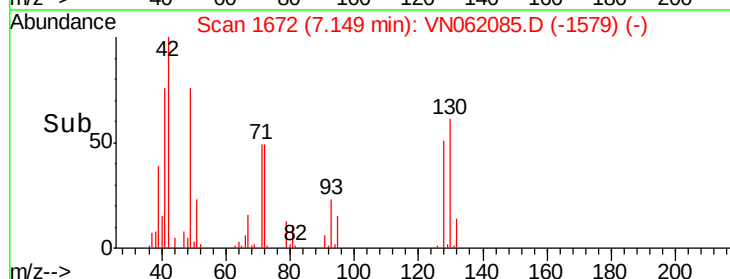
130 82.4 65.5 98.3

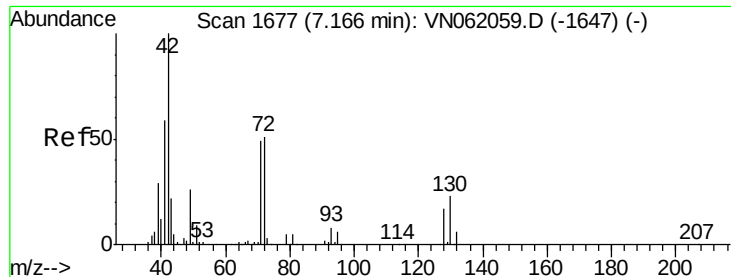


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

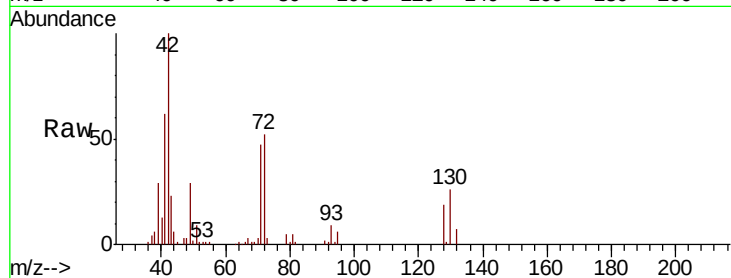




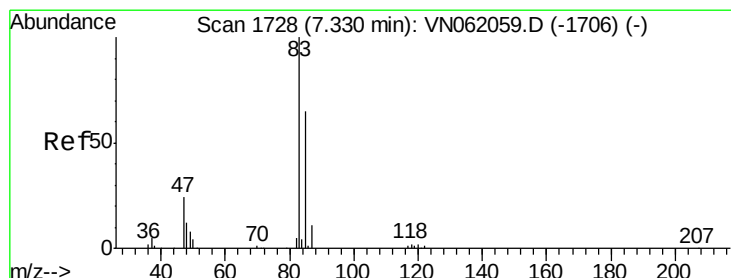
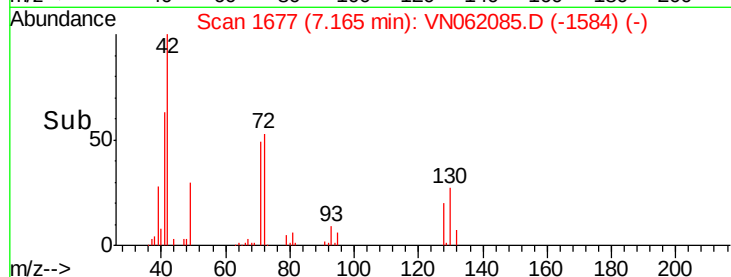
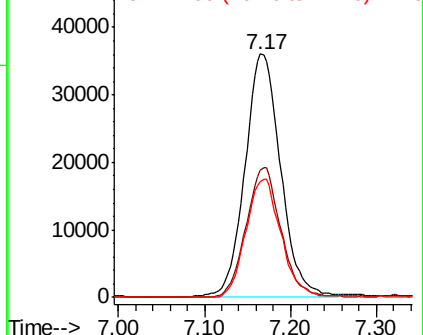
#29
Tetrahydrofuran
Concen: 95.053 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion: 42 Resp: 104540
Ion Ratio Lower Upper
42 100
72 51.9 41.1 61.7
71 47.5 38.2 57.4

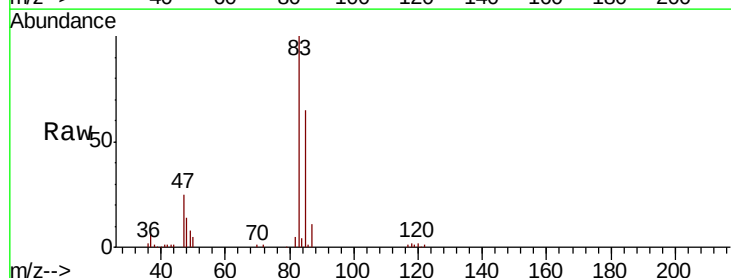


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

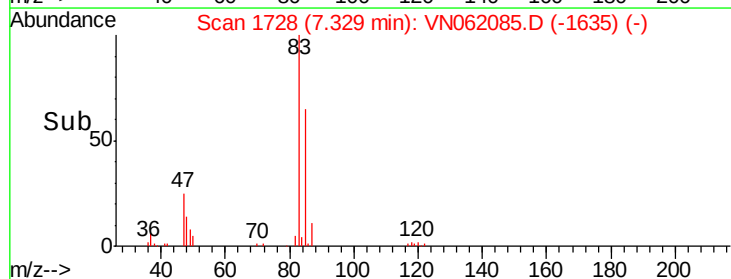
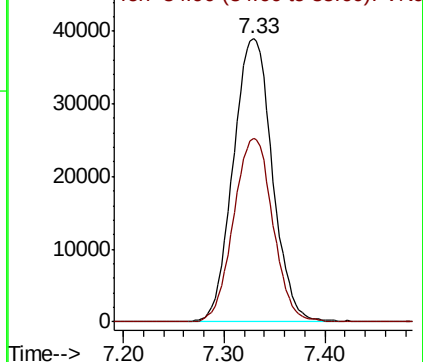


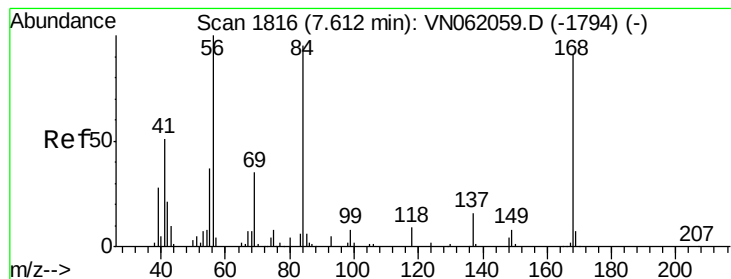
#30
Chloroform
Concen: 18.348 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 83 Resp: 104735
Ion Ratio Lower Upper
83 100
85 64.9 52.3 78.5



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





#31

Cyclohexane

Concen: 18.318 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

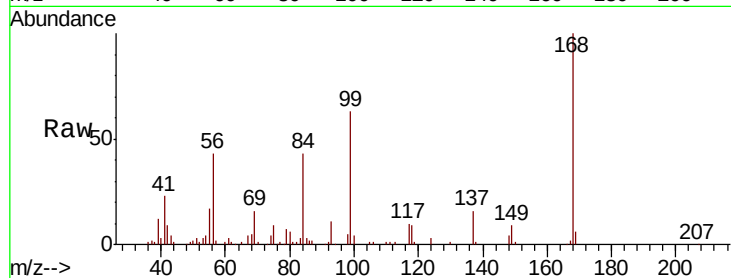
Tot Ion: 56 Resp: 86935

Ion Ratio Lower Upper

56 100

69 37.1 28.0 42.0

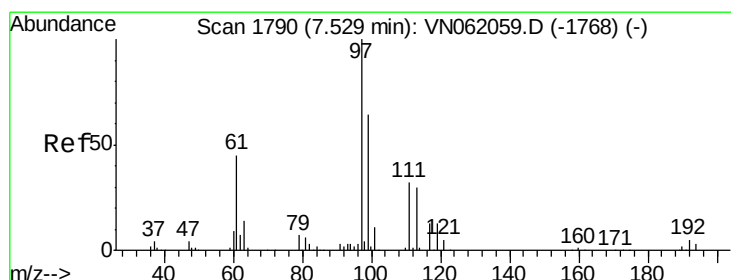
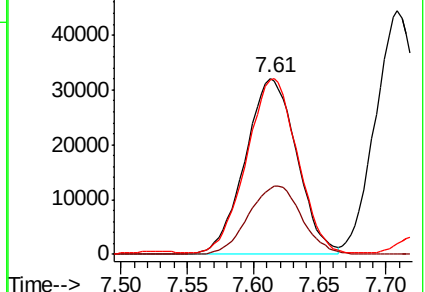
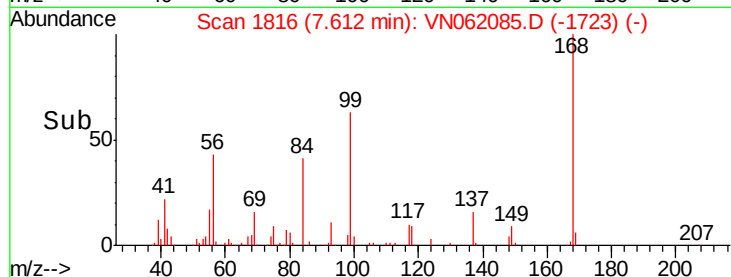
84 98.5 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062085.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062085.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062085.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 18.307 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

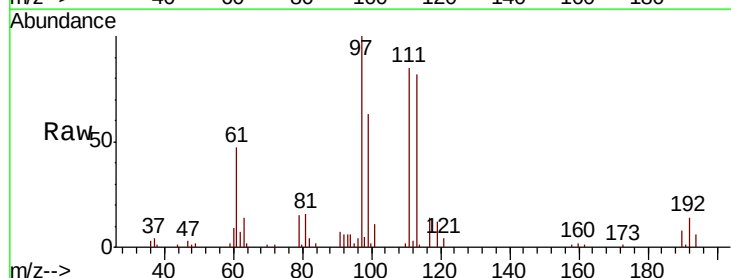
Tgt Ion: 97 Resp: 88127

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

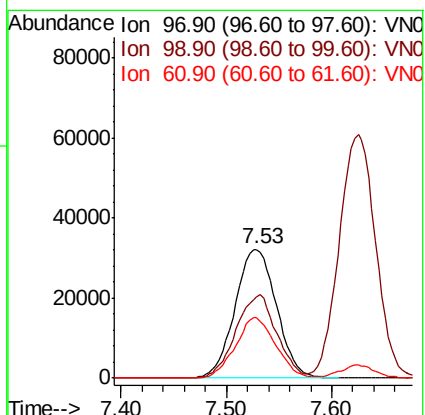
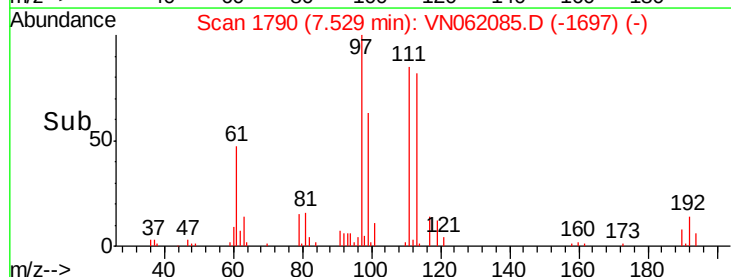
61 45.5 36.2 54.2

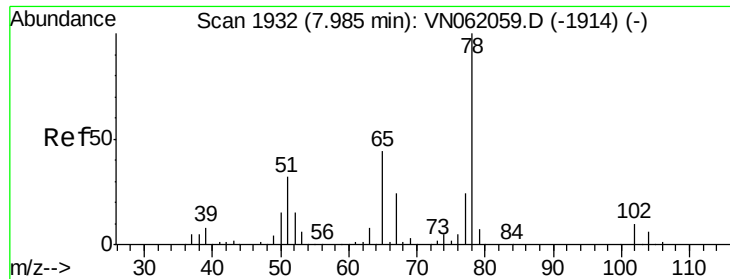


Abundance Ion 96.90 (96.60 to 97.60): VN062085.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062085.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062085.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.478 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

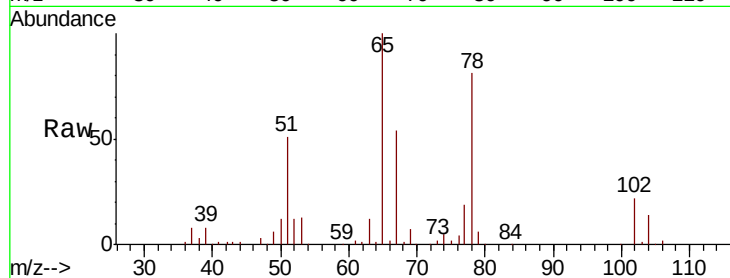
VN0624MBSD01

Tot Ion: 65 Resp: 163085

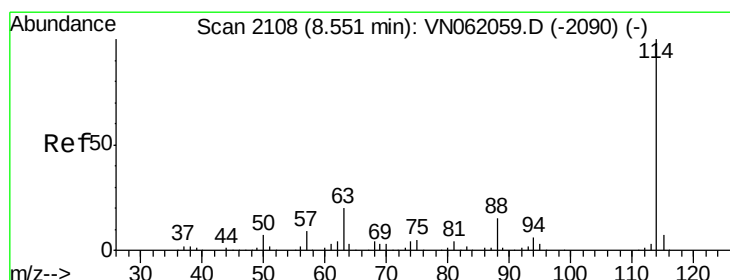
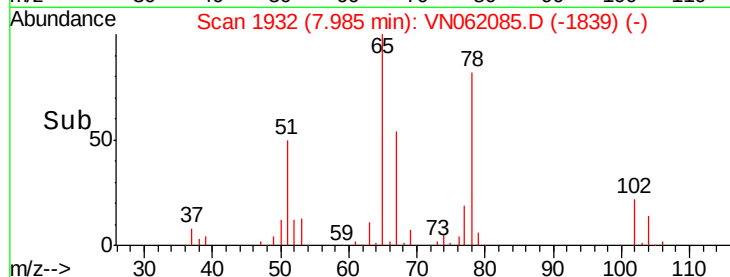
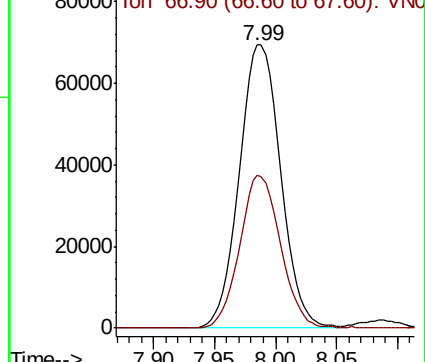
Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062085.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

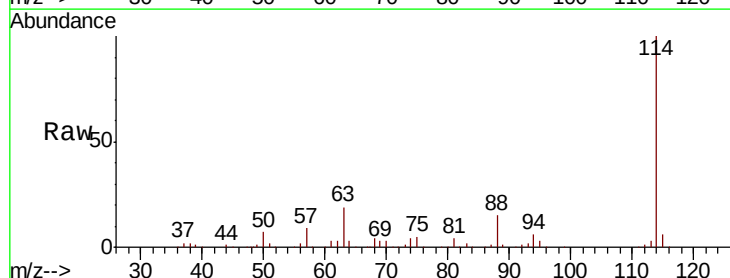
Tgt Ion: 114 Resp: 446421

Ion Ratio Lower Upper

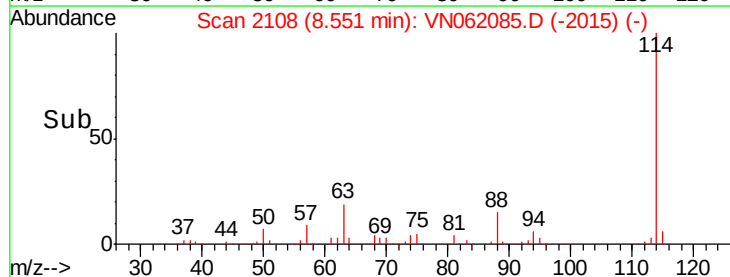
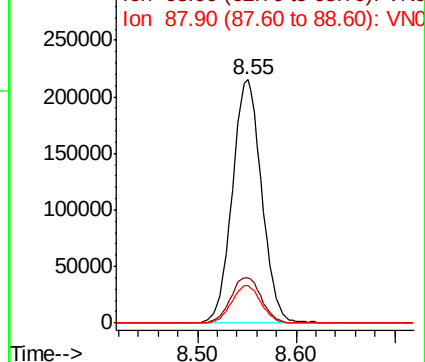
114 100

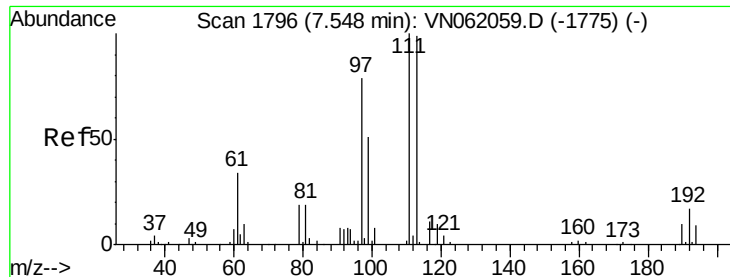
63 18.5 0.0 39.2

88 15.4 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062085.D (-2155) (-)

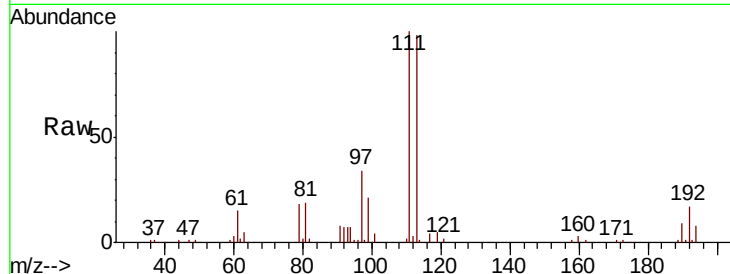




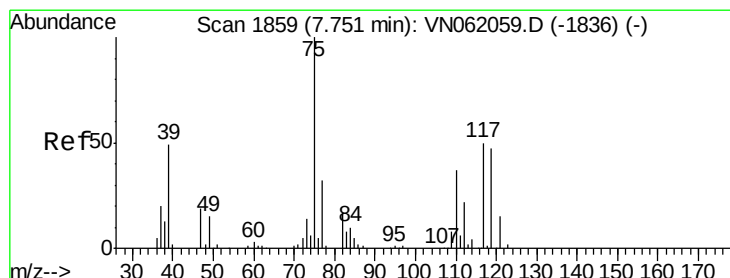
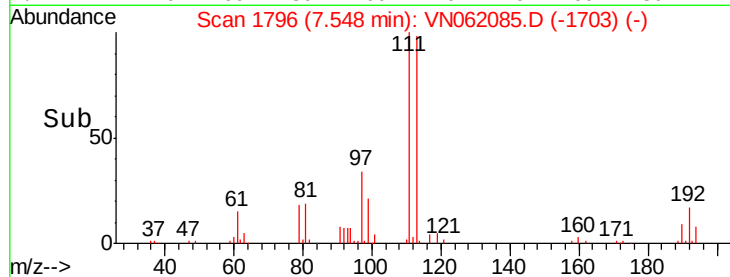
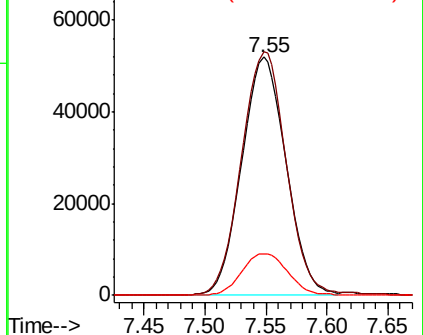
#35
 Dibromofluoromethane
 Concen: 45.693 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	18.1	14.0	21.0

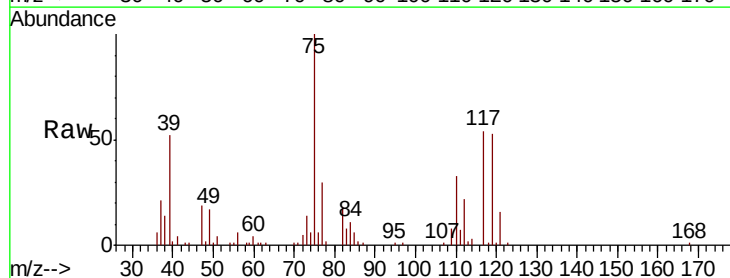


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

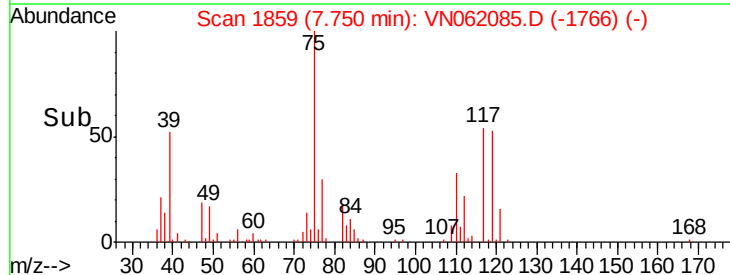
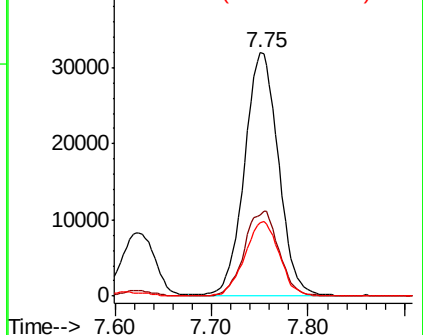


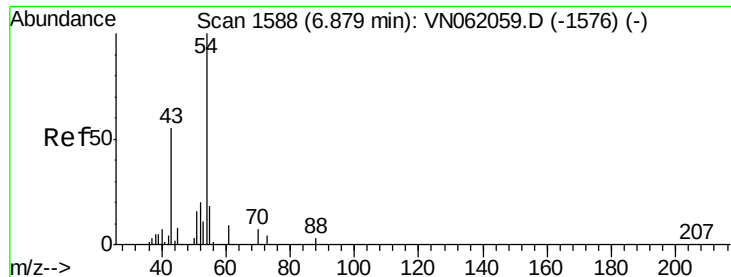
#36
 1,1-Dichloropropene
 Concen: 17.485 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.9	53.8
77	30.8	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

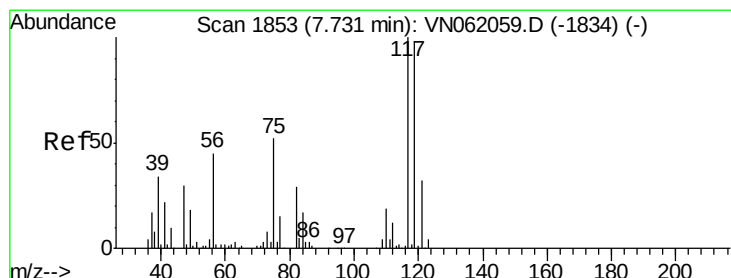
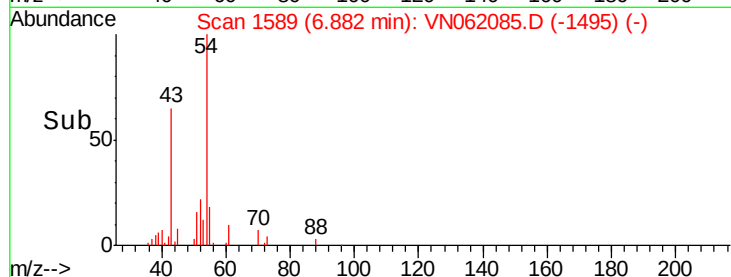
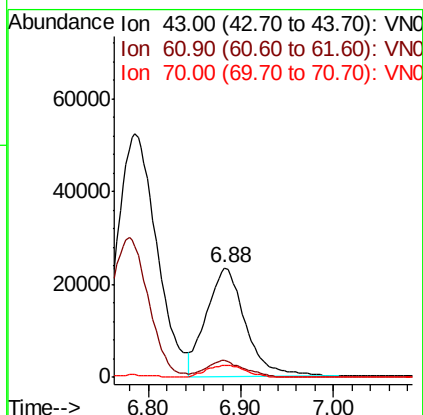
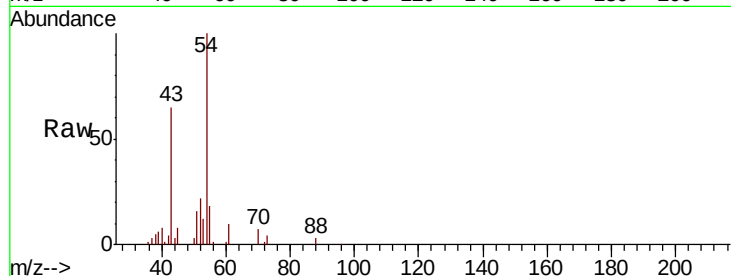




#37
Ethyl Acetate
Concen: 18.258 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

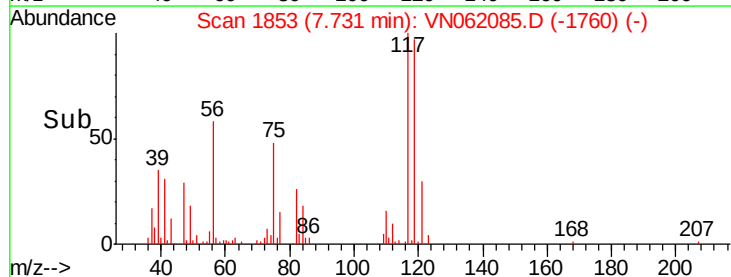
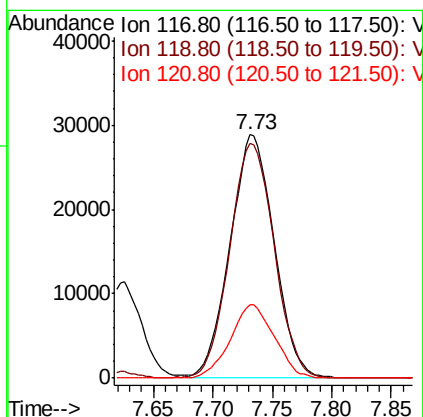
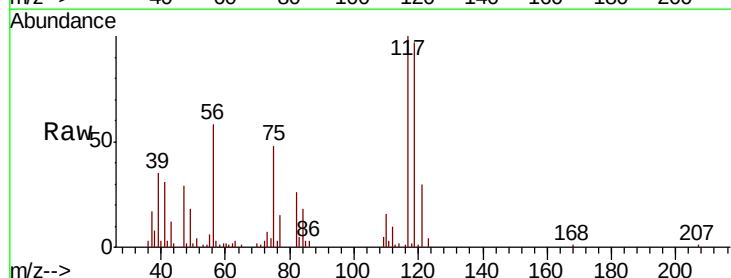
Instrument :
MSVOA_N
ClientSampled :
VN0624MBSD01

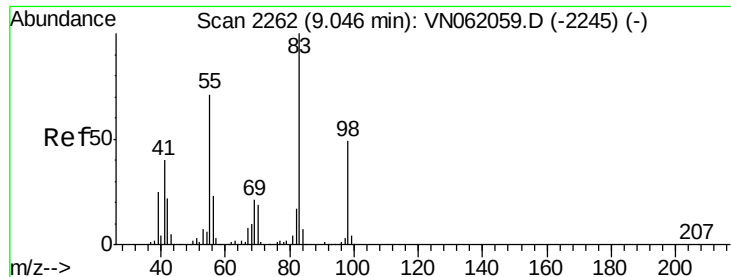
Tot Ion: 43 Resp: 67840
Ion Ratio Lower Upper
43 100
61 15.3 12.0 18.0
70 11.2 9.6 14.4



#38
Carbon Tetrachloride
Concen: 17.505 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 117 Resp: 74054
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.2
121 30.2 25.8 38.6

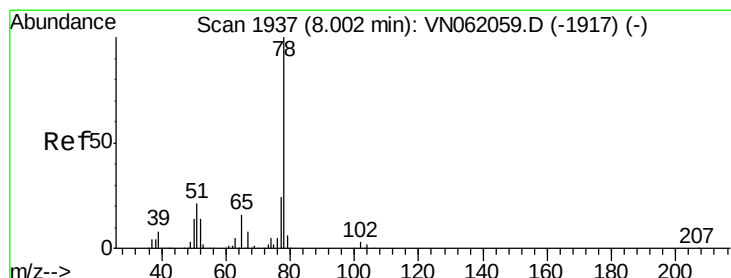
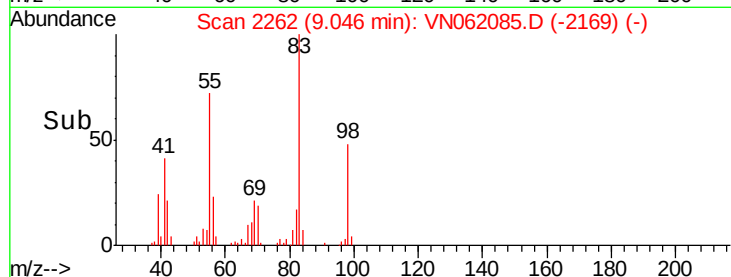
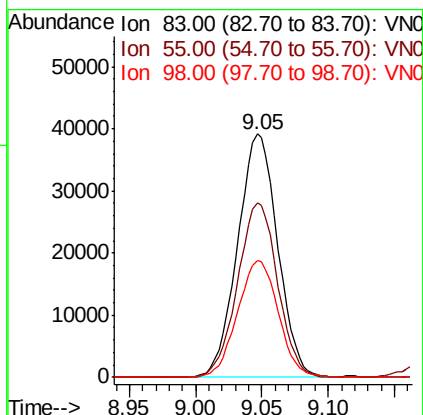
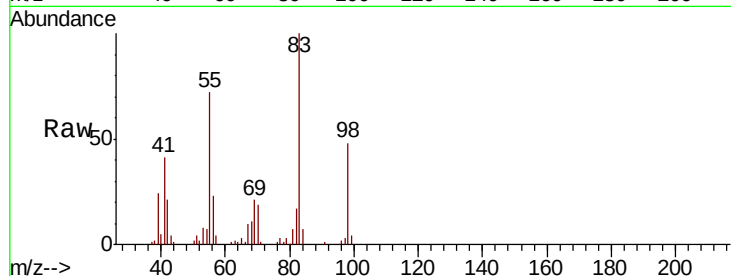




#39
Methylvlcyclohexane
Concen: 16.704 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

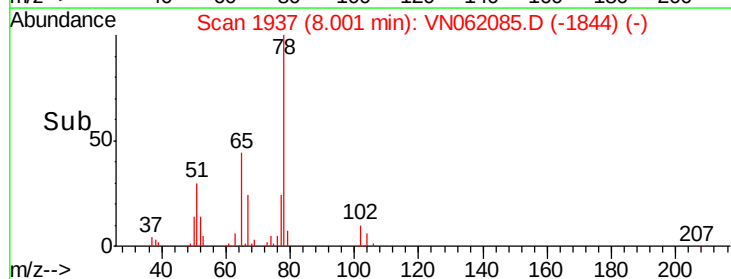
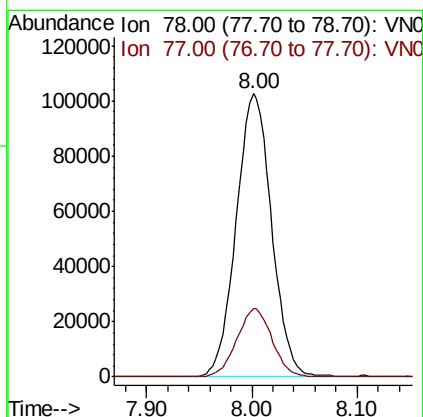
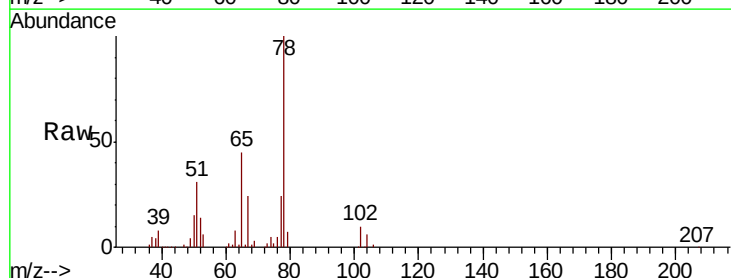
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

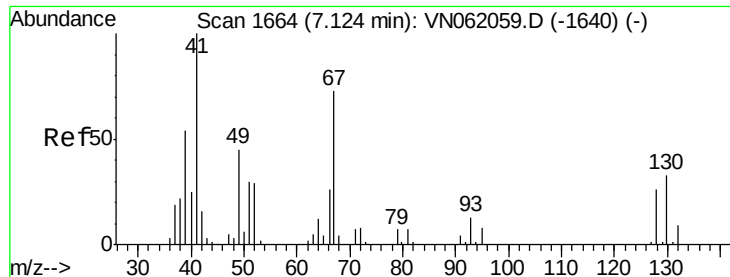
Tot Ion: 83 Resp: 82126
Ion Ratio Lower Upper
83 100
55 71.7 57.0 85.6
98 48.1 39.0 58.6



#40
Benzene
Concen: 17.495 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 78 Resp: 239281
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

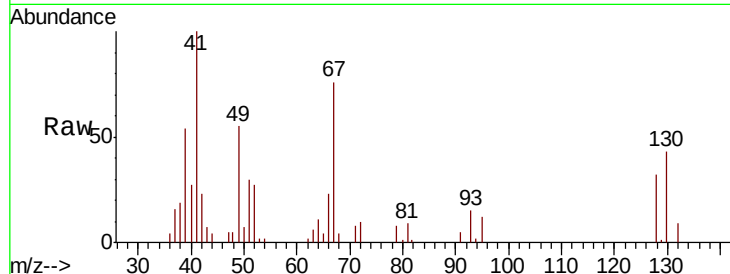




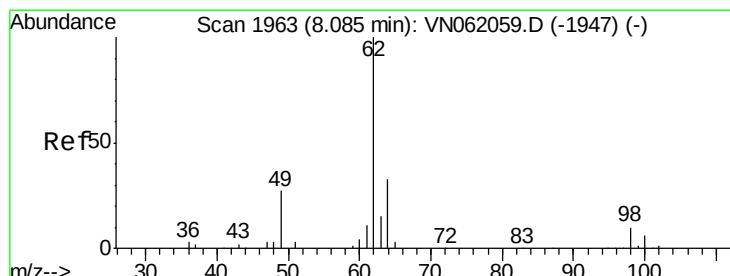
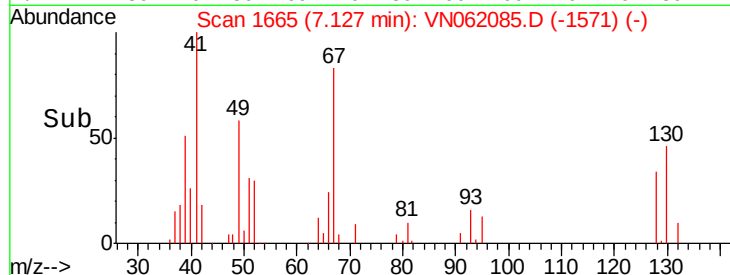
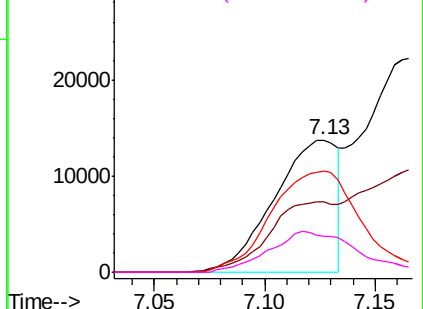
#41
Methacrylonitrile
Concen: 15.856 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion: 41 Resp: 27314
Ion Ratio Lower Upper
41 100
39 57.2 44.2 66.2
67 109.8 79.5 119.3
52 43.8 32.3 48.5

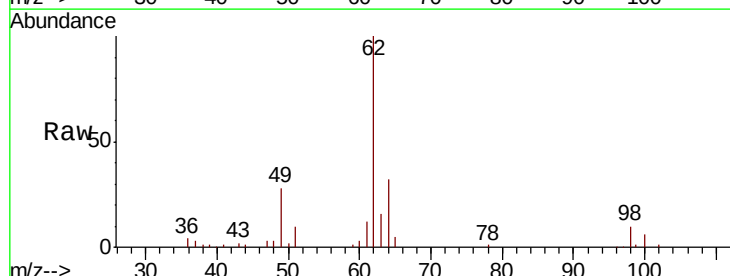


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

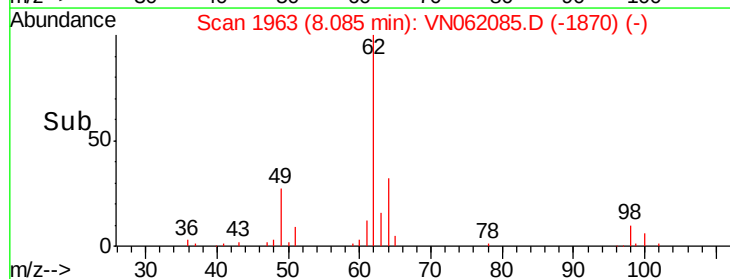
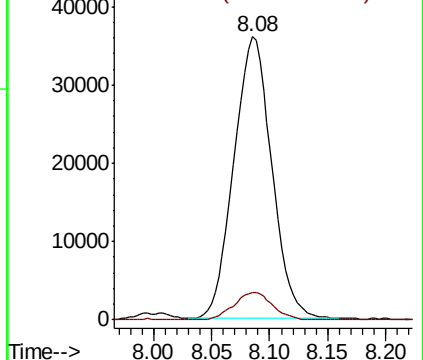


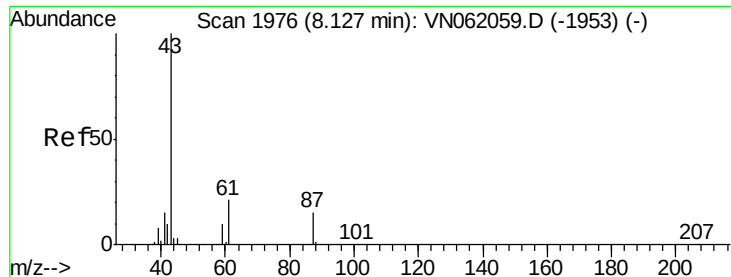
#42
1,2-Dichloroethane
Concen: 17.677 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 62 Resp: 81682
Ion Ratio Lower Upper
62 100
98 9.9 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: 17.779 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

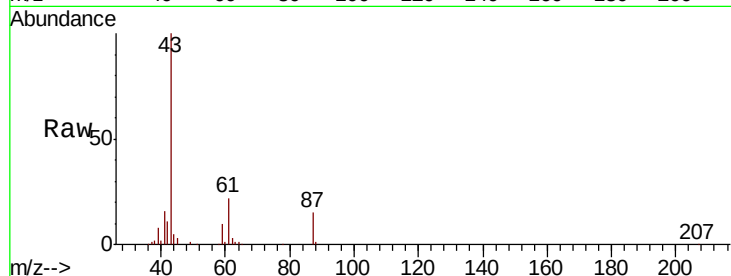
Tot Ion: 43 Resp: 107689

Ion Ratio Lower Upper

43 100

61 21.1 17.2 25.8

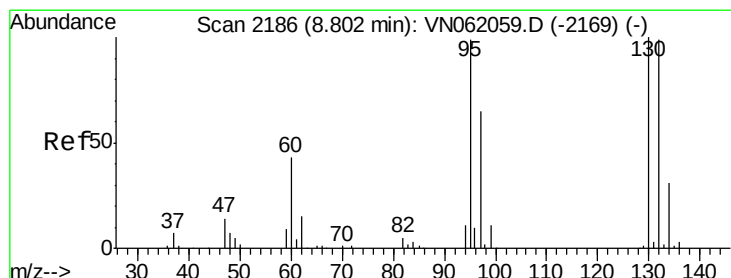
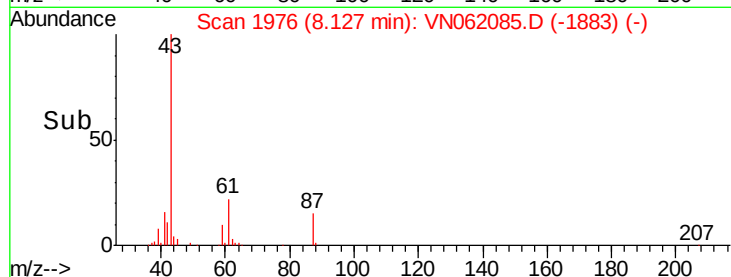
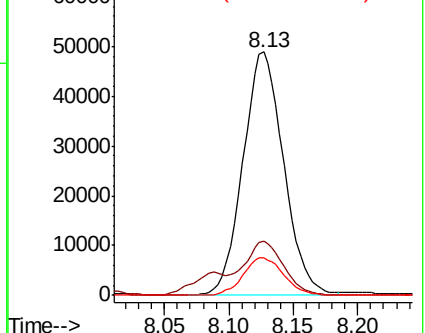
87 15.3 12.1 18.1



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

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

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



#44

Trichloroethene

Concen: 17.349 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062085.D

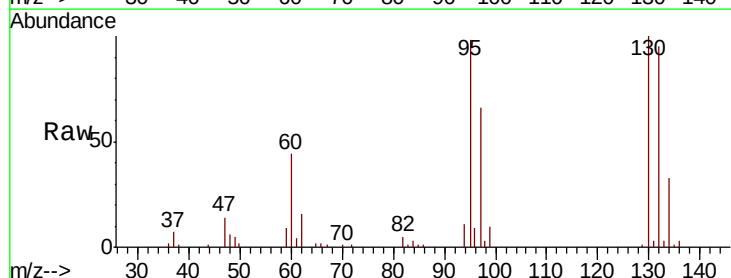
Acq: 25 Jun 2020 00:38

Tgt Ion:130 Resp: 59856

Ion Ratio Lower Upper

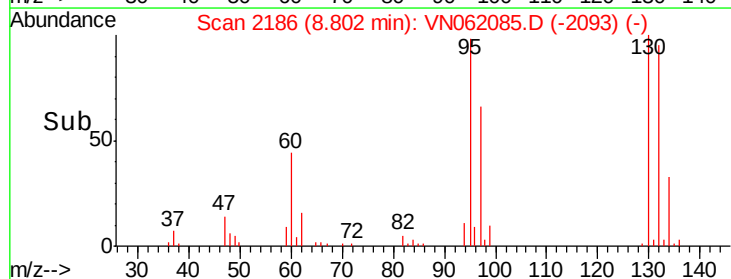
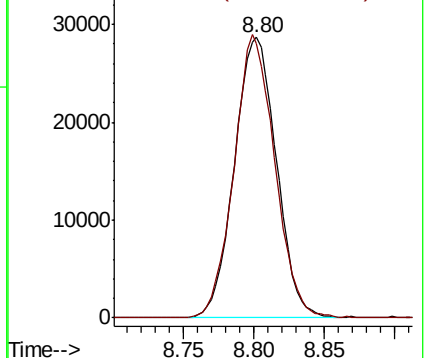
130 100

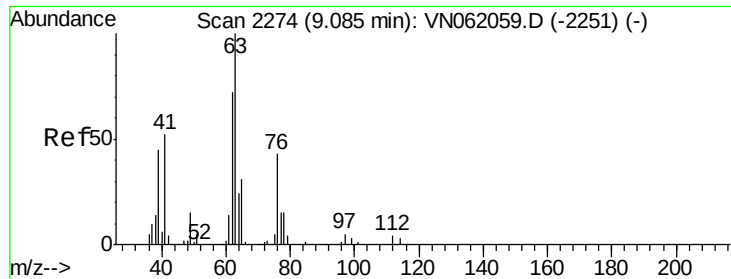
95 97.6 0.0 197.8



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

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

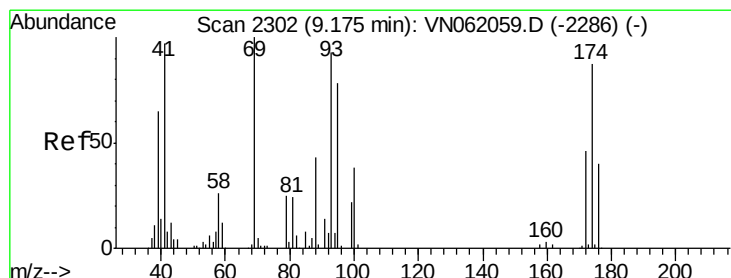
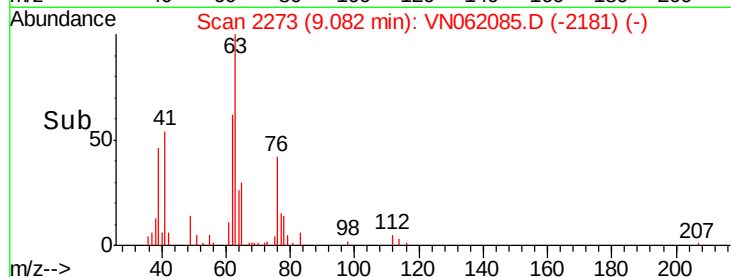
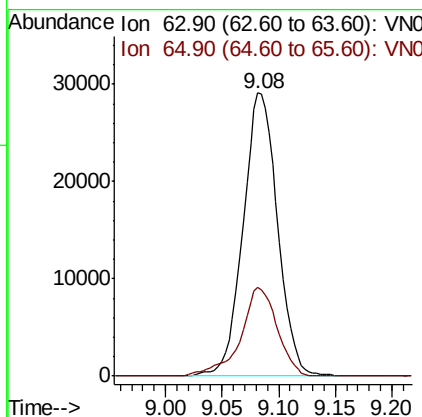
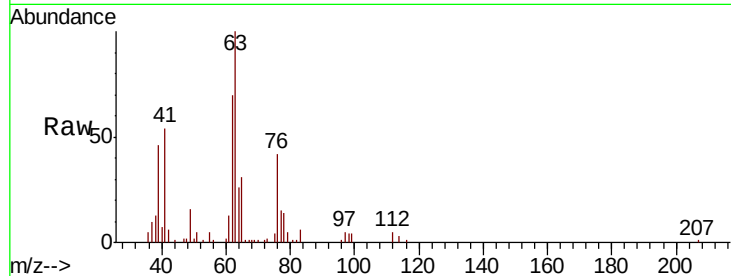




#45
 1,2-Dichloropropane
 Concen: 18.285 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

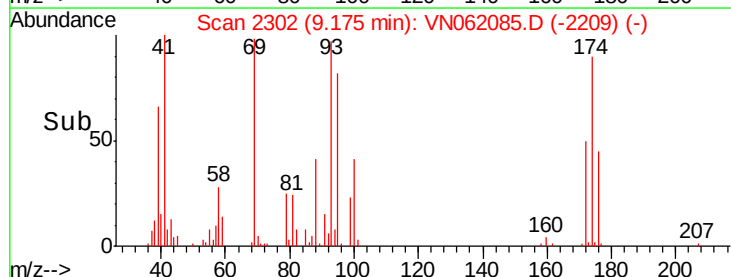
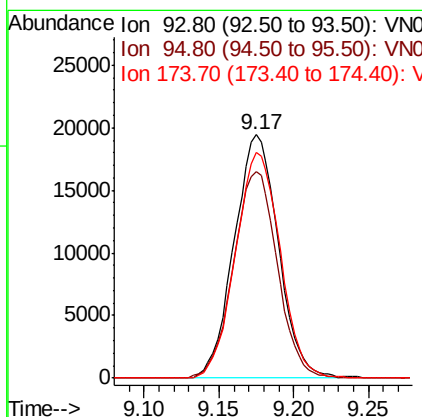
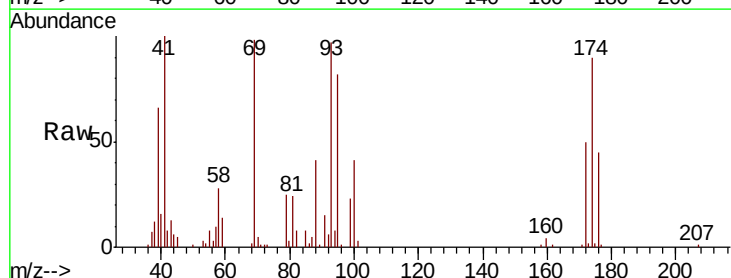
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

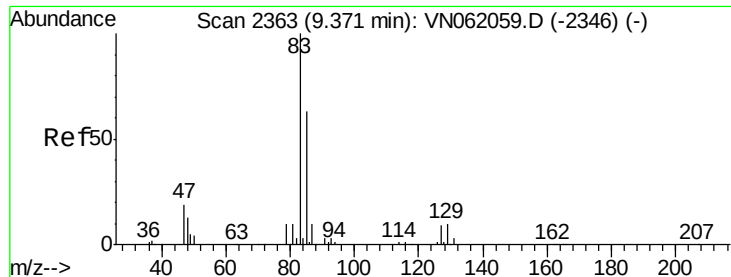
Tot Ion: 63 Resp: 61697
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4



#46
 Dibromomethane
 Concen: 17.478 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion: 93 Resp: 39985
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.0 100.6
 174 93.6 74.4 111.6





#47

Bromodichloromethane

Concen: 18.083 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

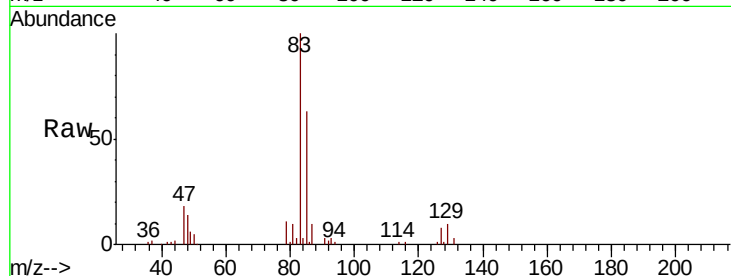
Tot Ion: 83 Resp: 83527

Ion Ratio Lower Upper

83 100

85 63.2 50.3 75.5

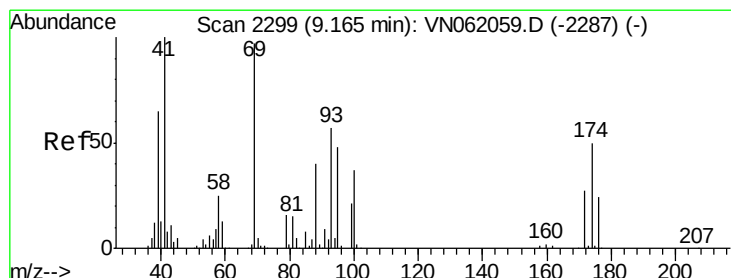
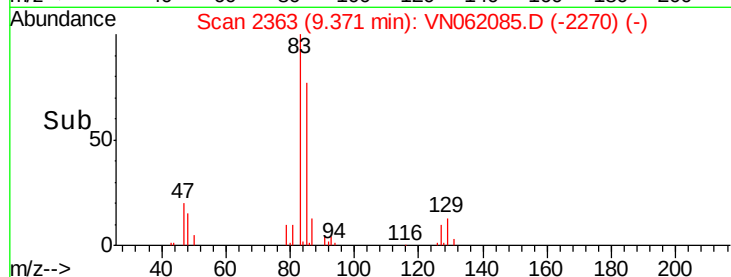
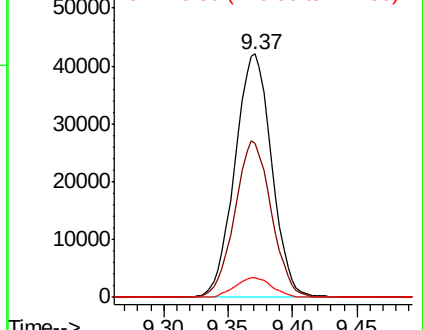
127 7.9 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062085.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062085.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062085.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.467 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

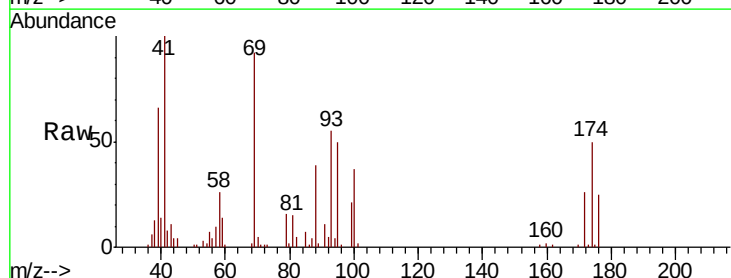
Tgt Ion: 41 Resp: 47438

Ion Ratio Lower Upper

41 100

69 100.6 80.7 121.1

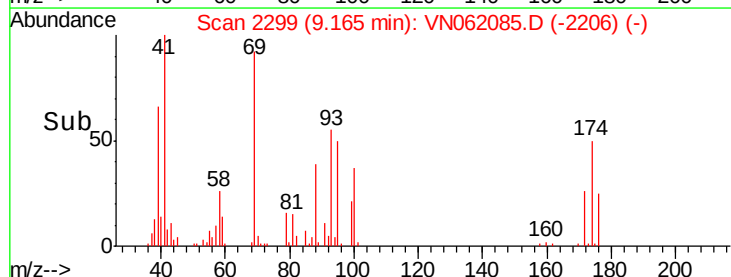
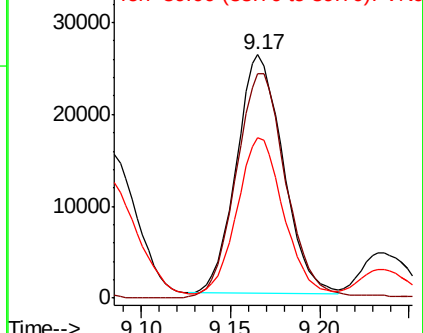
39 67.4 54.5 81.7

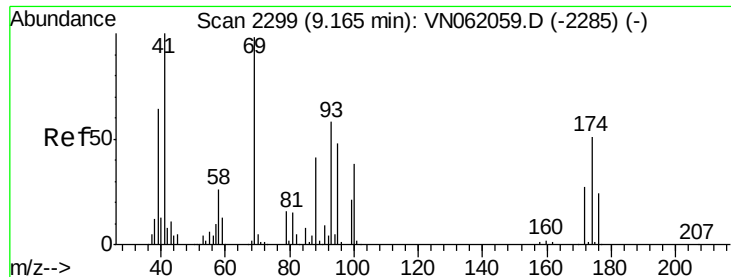


Abundance Ion 41.00 (40.70 to 41.70): VN062085.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062085.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062085.D (-2206) (-)

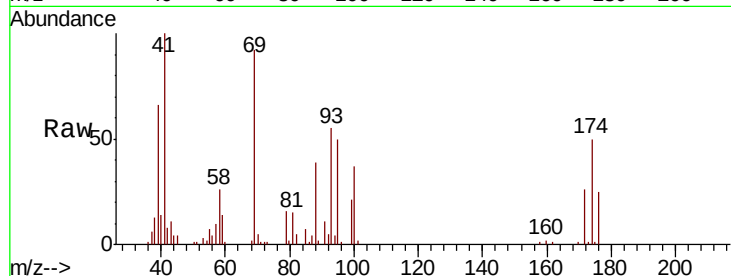




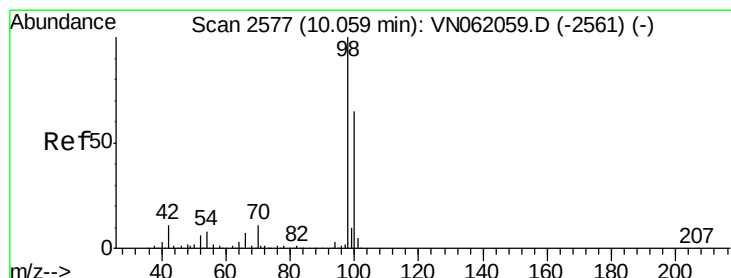
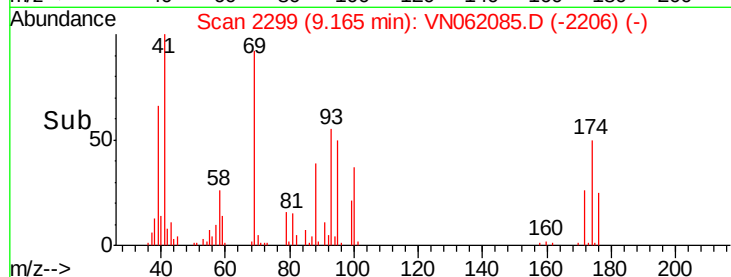
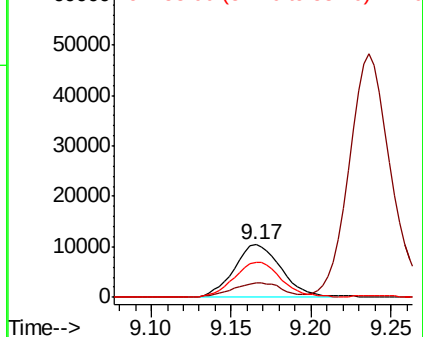
#49
1,4-Dioxane
Concen: 350.706 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion: 88 Resp: 21122
Ion Ratio Lower Upper
88 100
43 29.9 22.0 33.0
58 66.4 49.2 73.8

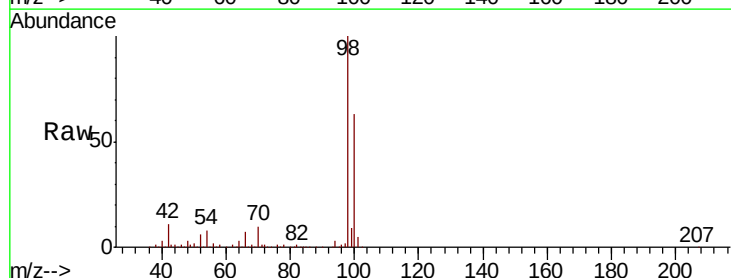


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

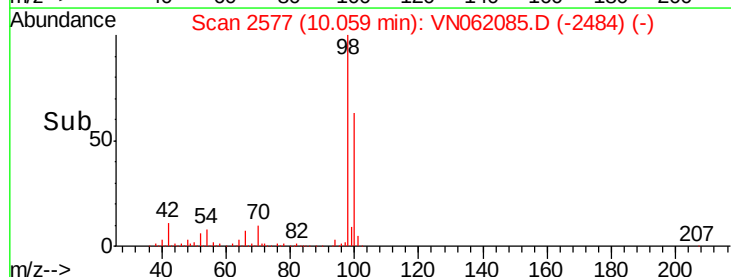
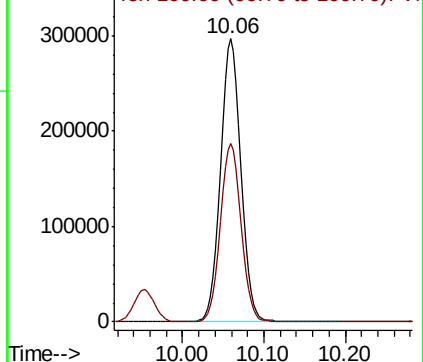


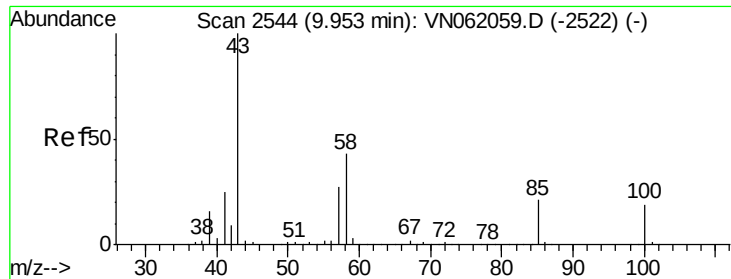
#50
Toluene-d8
Concen: 46.118 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 98 Resp: 527972
Ion Ratio Lower Upper
98 100
100 63.9 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: 92.795 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

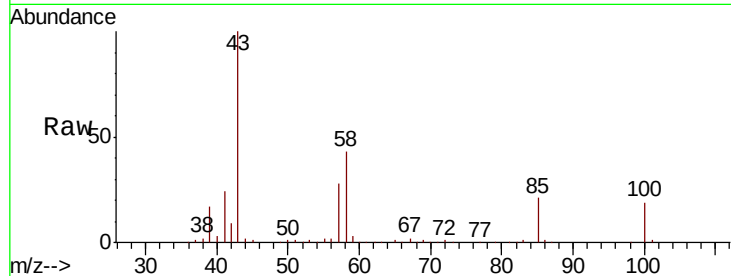
VN0624MBSD01

Tot Ion: 43 Resp: 328394

Ion Ratio Lower Upper

43 100

58 41.7 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

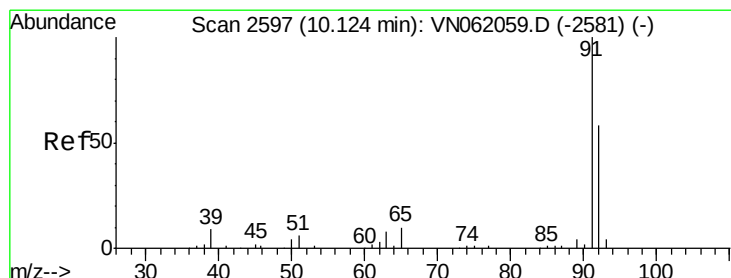
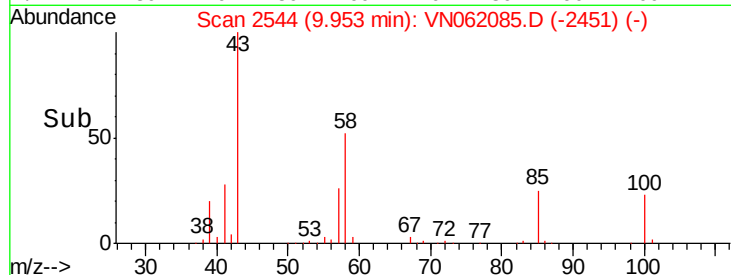
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 18.273 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062085.D

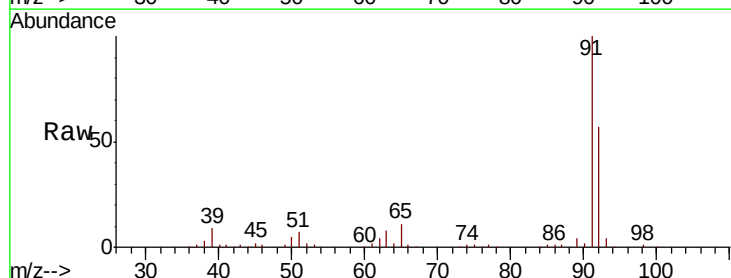
Acq: 25 Jun 2020 00:38

Tgt Ion: 92 Resp: 152485

Ion Ratio Lower Upper

92 100

91 174.0 137.4 206.0



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

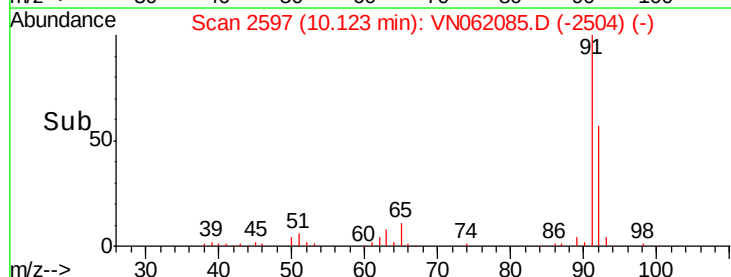
100000

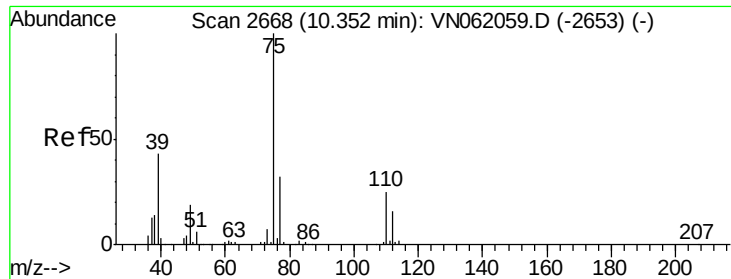
50000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.715 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

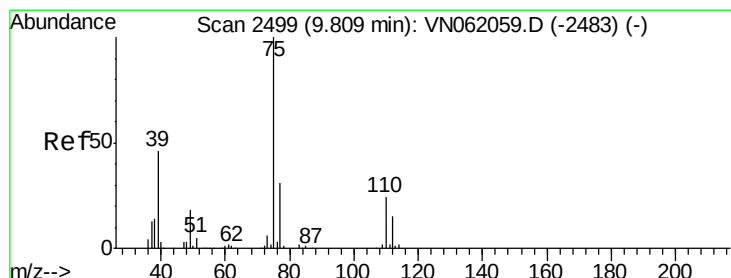
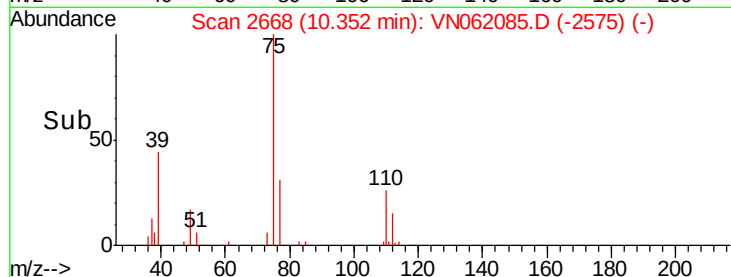
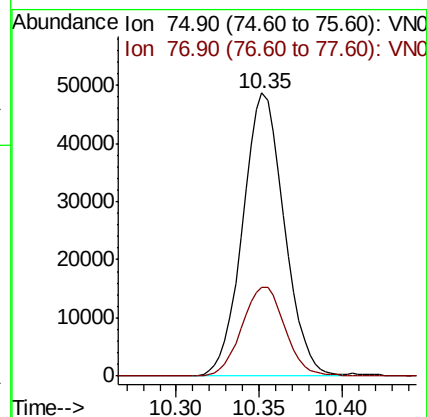
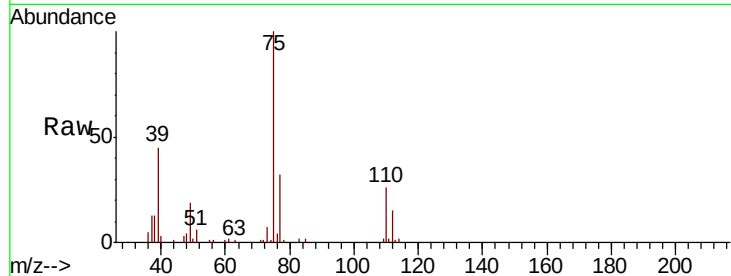
VN0624MBSD01

Tot Ion: 75 Resp: 84944

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 17.777 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

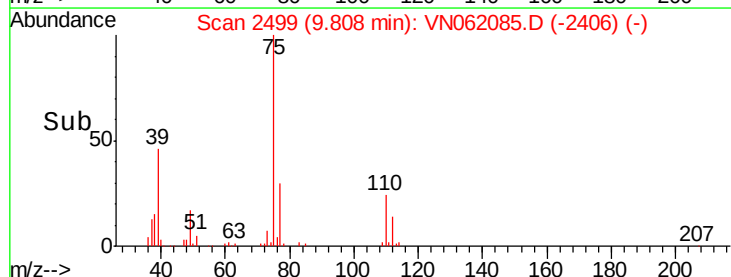
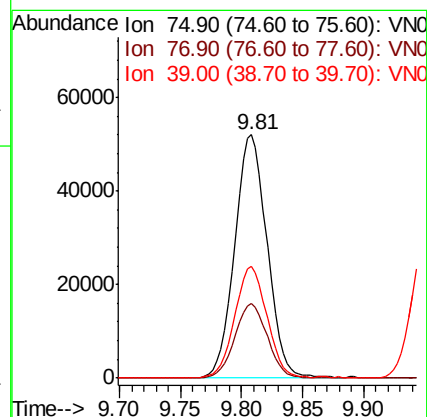
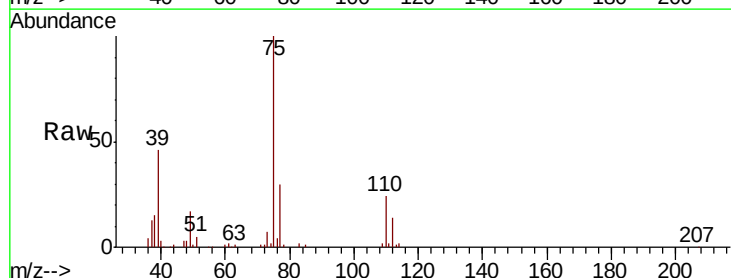
Tgt Ion: 75 Resp: 96181

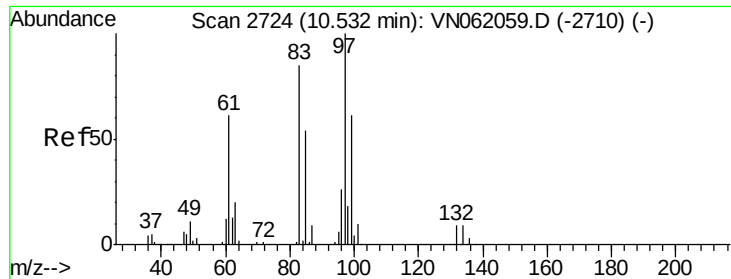
Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.6

39 45.7 36.9 55.3

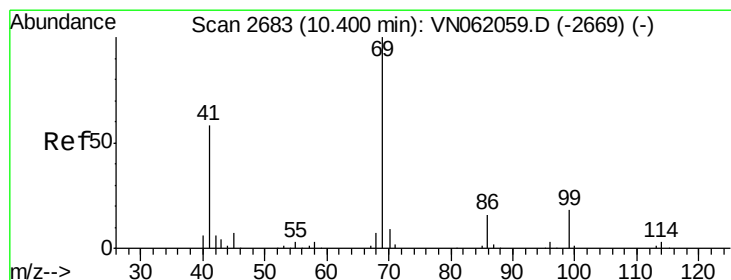
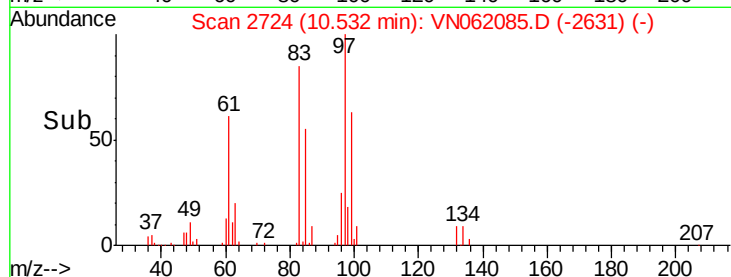
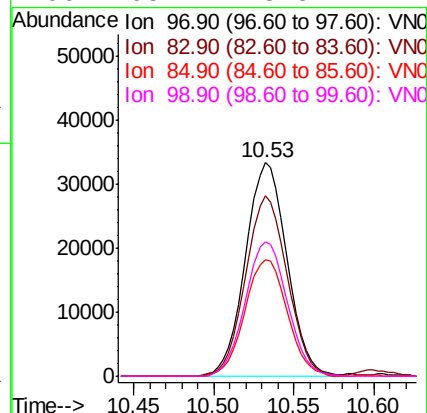
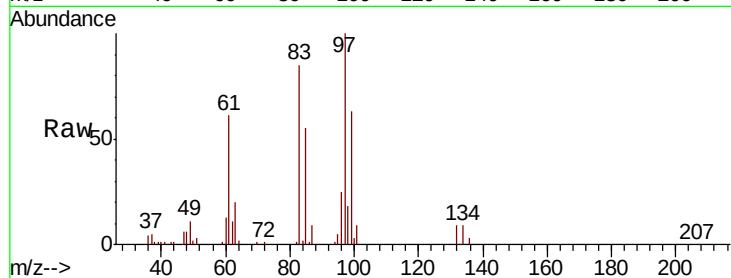




#55
 1,1,2-Trichloroethane
 Concen: 18.064 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

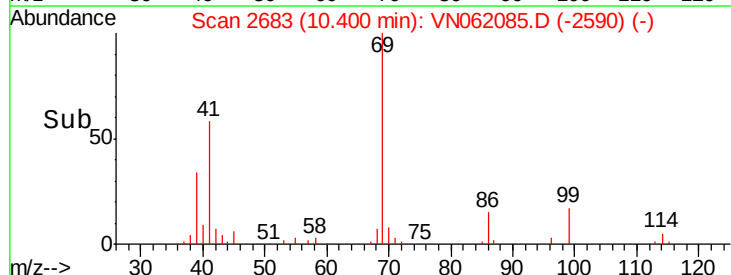
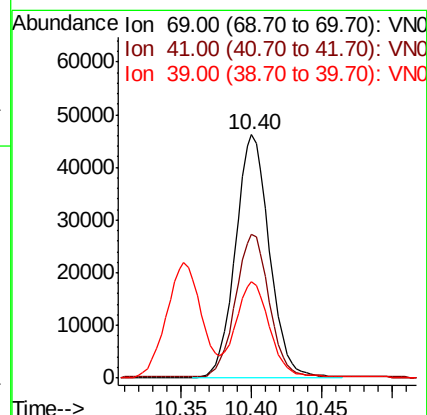
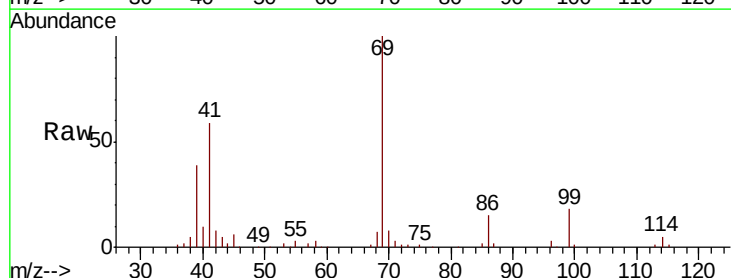
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

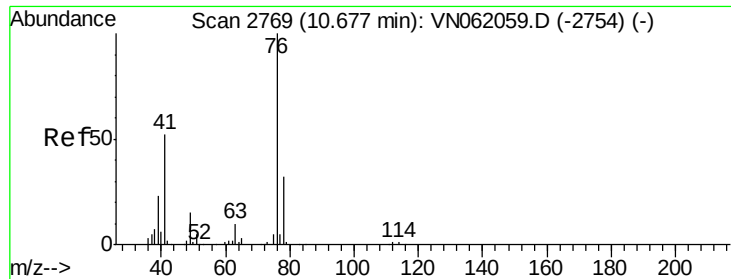
Tot Ion: 97 Resp: 59256
 Ion Ratio Lower Upper
 97 100
 83 84.5 68.2 102.2
 85 54.6 43.2 64.8
 99 63.2 48.5 72.7



#56
 Ethyl methacrylate
 Concen: 17.838 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion: 69 Resp: 78089
 Ion Ratio Lower Upper
 69 100
 41 58.0 46.6 70.0
 39 39.0 31.0 46.4

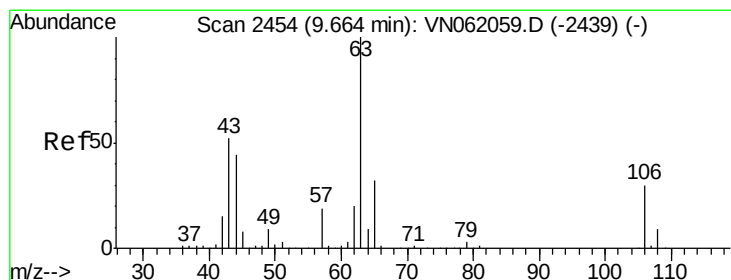
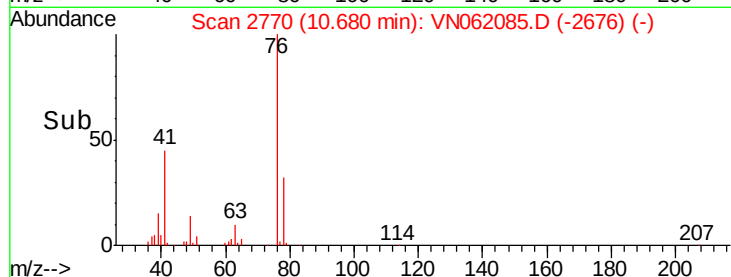
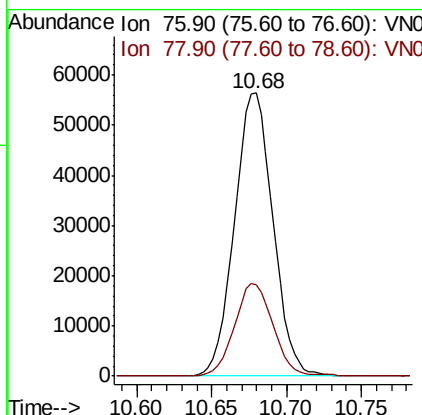
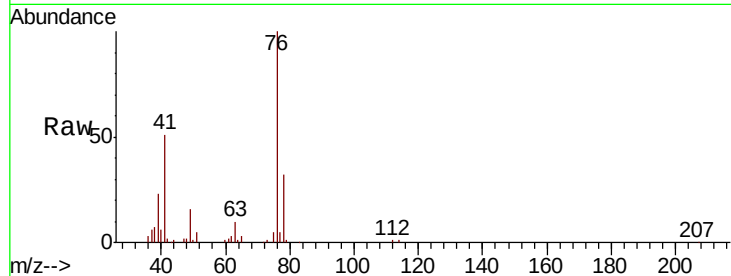




#57
 1,3-Dichloropropane
 Concen: 17.914 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

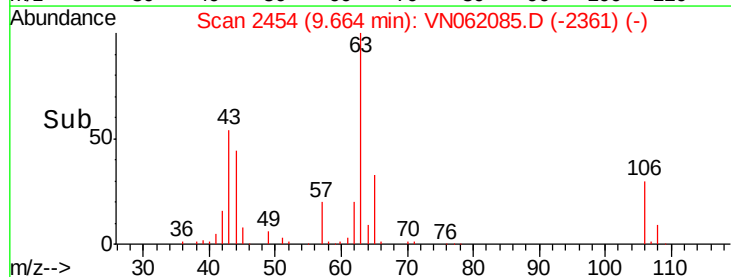
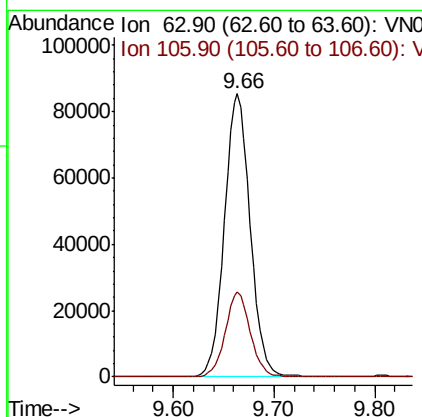
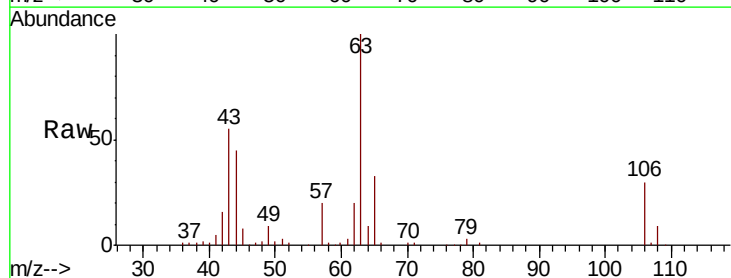
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

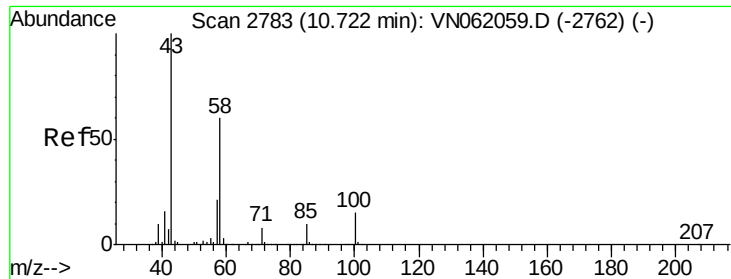
Tot Ion: 76 Resp: 101145
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.511 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion: 63 Resp: 152217
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.2 34.8

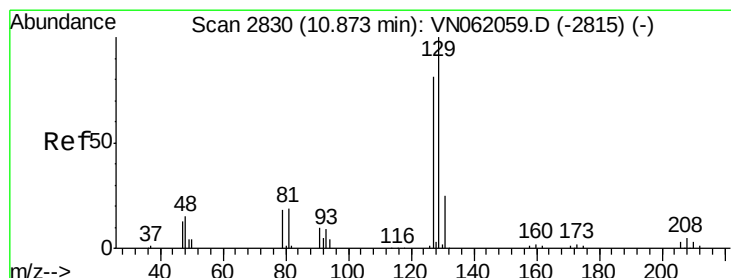
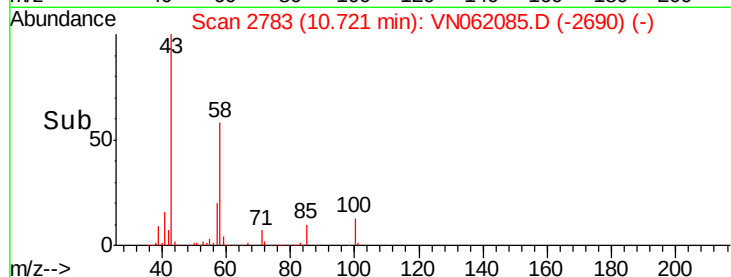
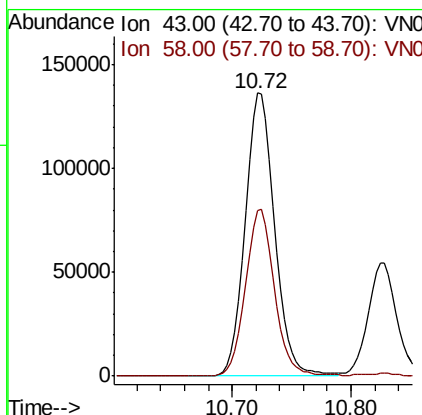
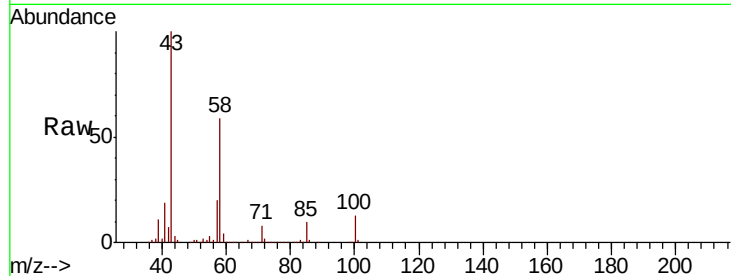




#59
2-Hexanone
Concen: 91.656 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

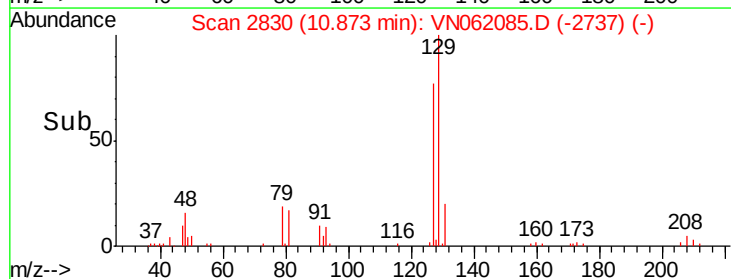
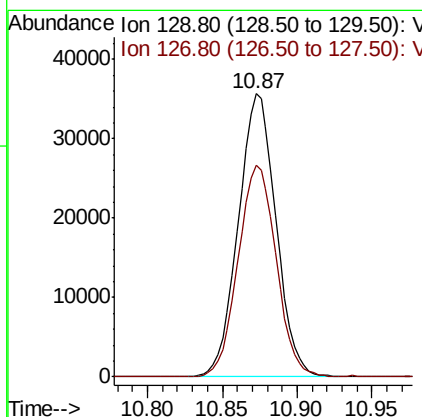
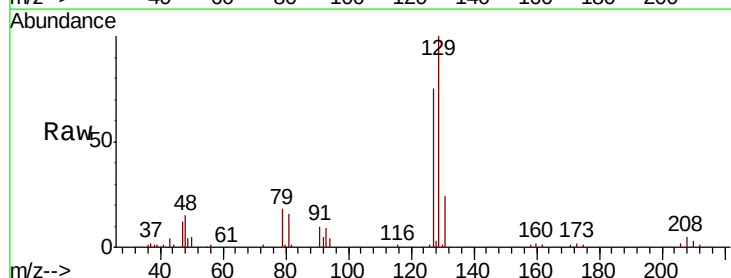
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

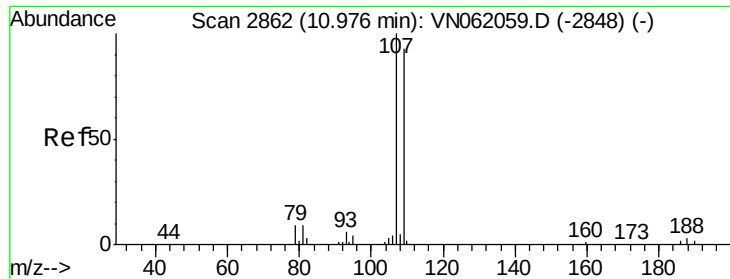
Tot Ion: 43 Resp: 234220
Ion Ratio Lower Upper
43 100
58 58.0 29.5 88.5



#60
Dibromochloromethane
Concen: 18.008 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 129 Resp: 62540
Ion Ratio Lower Upper
129 100
127 75.5 39.5 118.5

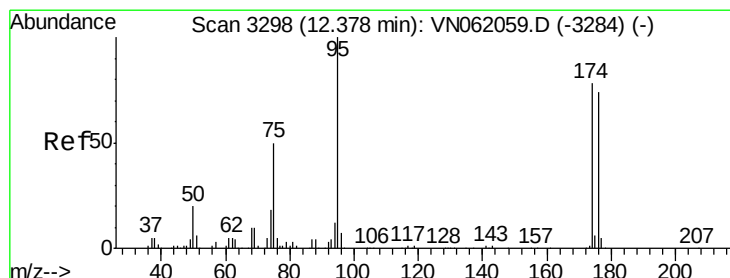
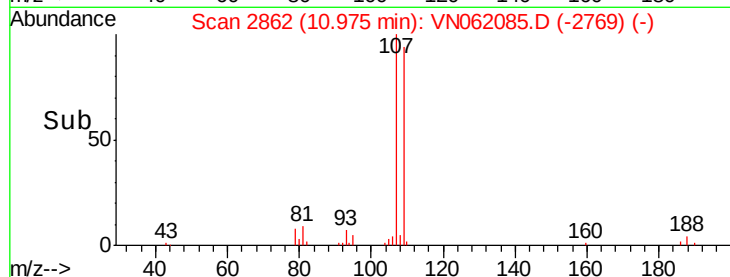
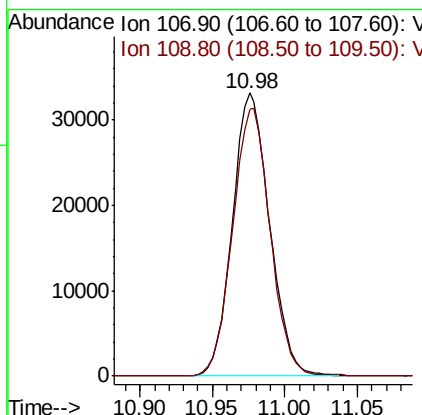
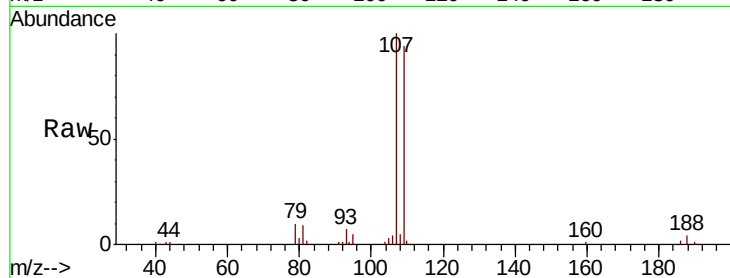




#61
 1,2-Dibromoethane
 Concen: 17.504 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

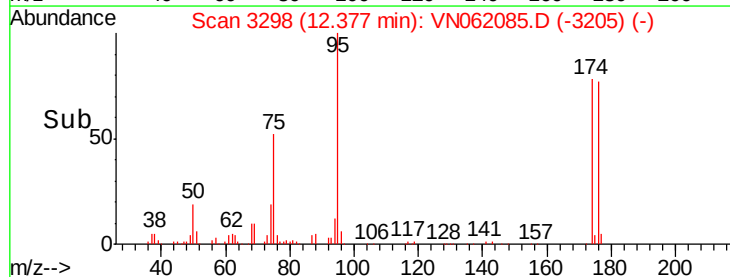
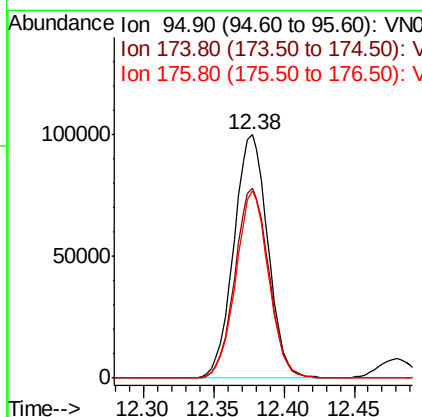
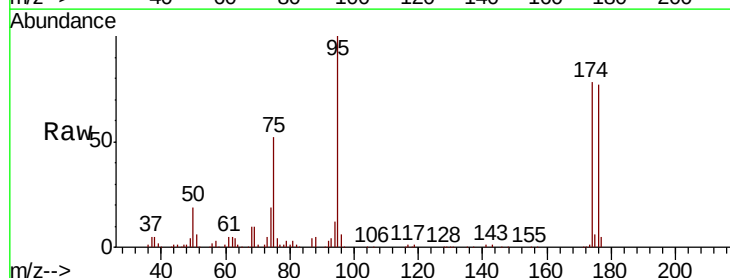
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

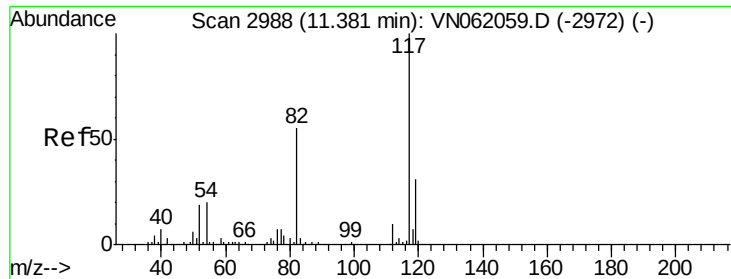
Tot Ion:107 Resp: 59000
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 43.759 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion: 95 Resp: 169255
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 154.8
 176 74.1 0.0 147.4

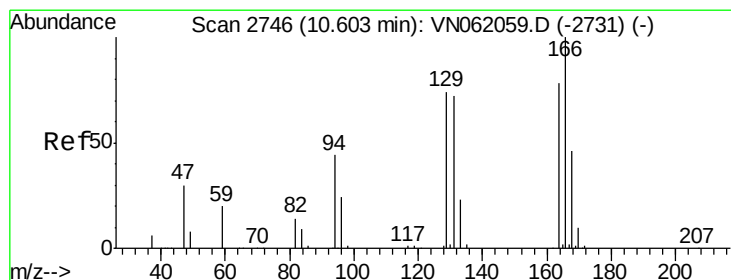
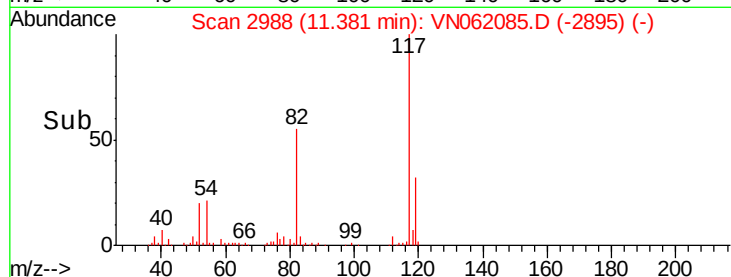
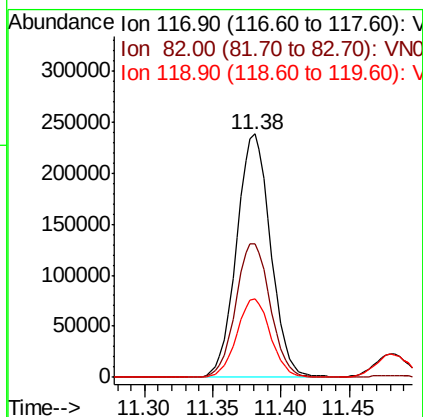
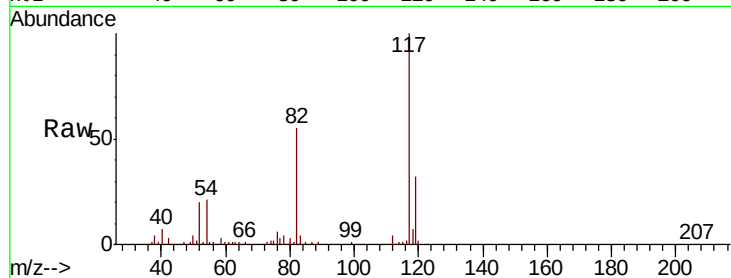




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

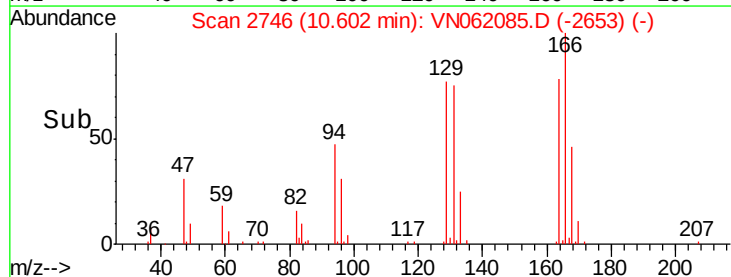
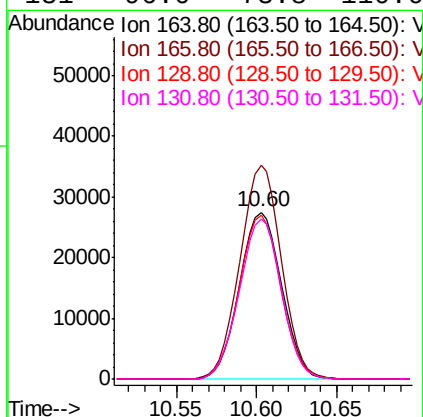
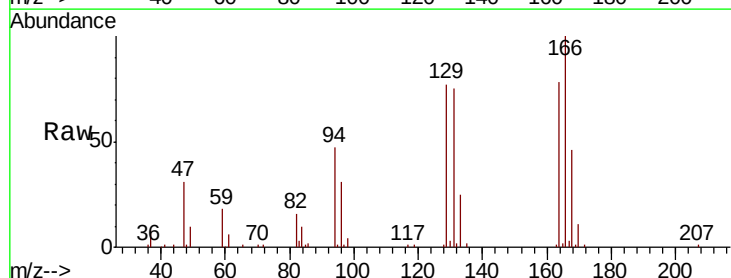
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

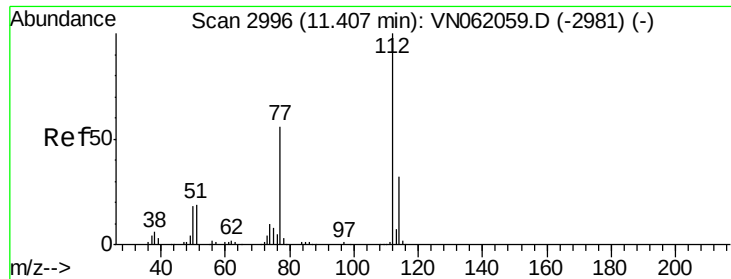
Tot Ion:117 Resp: 412944
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 17.539 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion:164 Resp: 49475
Ion Ratio Lower Upper
164 100
166 127.9 102.9 154.3
129 97.8 75.8 113.8
131 96.0 73.8 110.6





#65

Chlorobenzene

Concen: 17.701 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

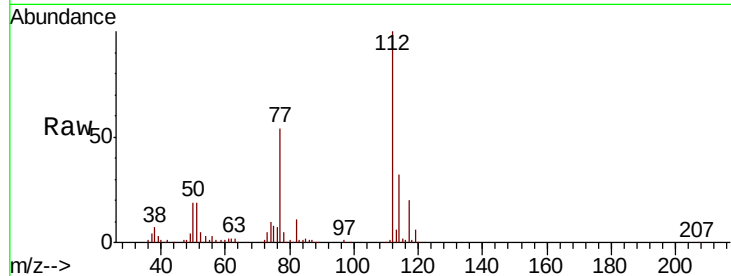
VN0624MBSD01

Tot Ion:112 Resp: 160522

Ion Ratio Lower Upper

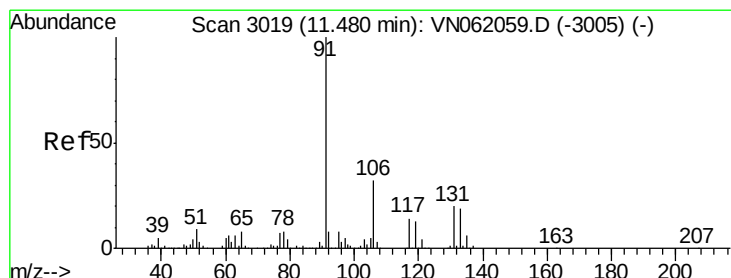
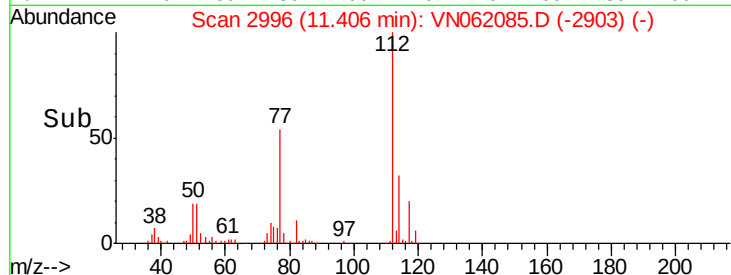
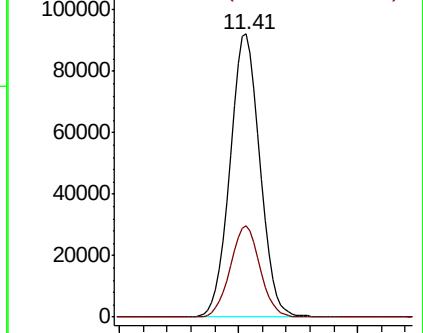
112 100

114 32.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.498 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

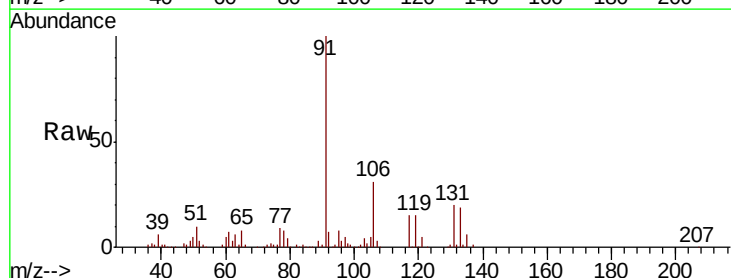
Tgt Ion:131 Resp: 54870

Ion Ratio Lower Upper

131 100

133 98.4 47.6 142.9

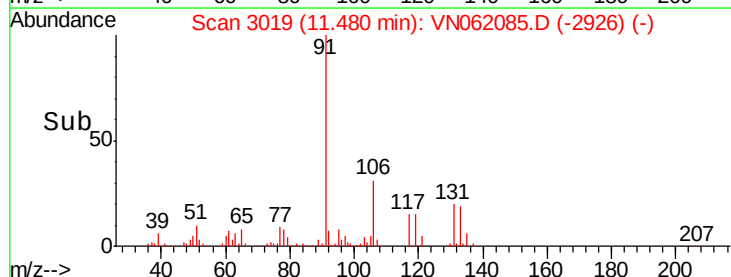
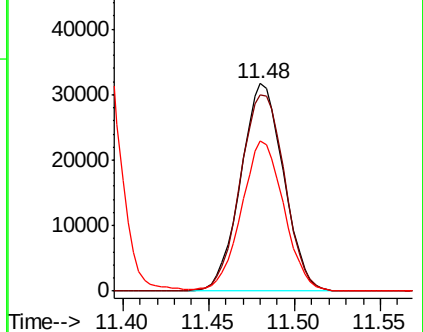
119 72.0 34.4 103.3

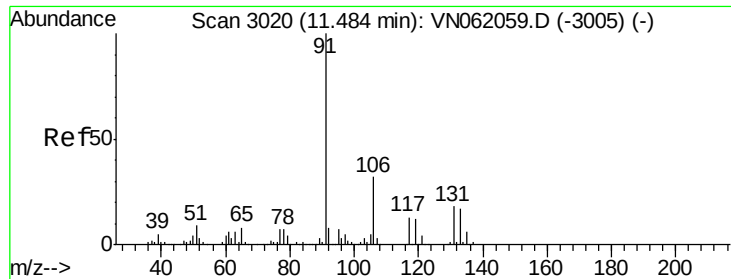


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

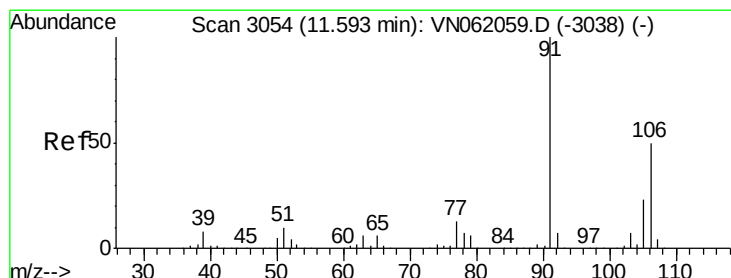
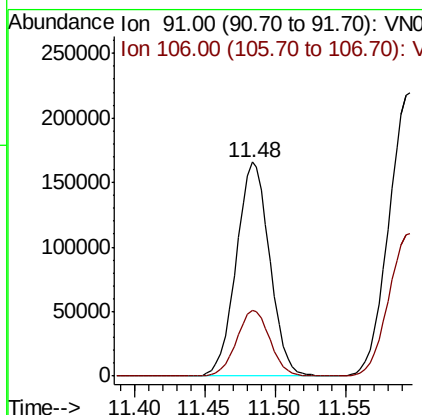
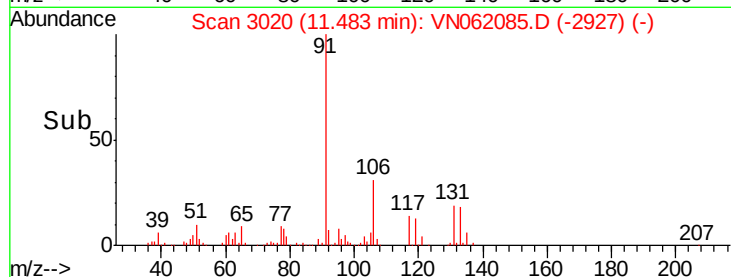
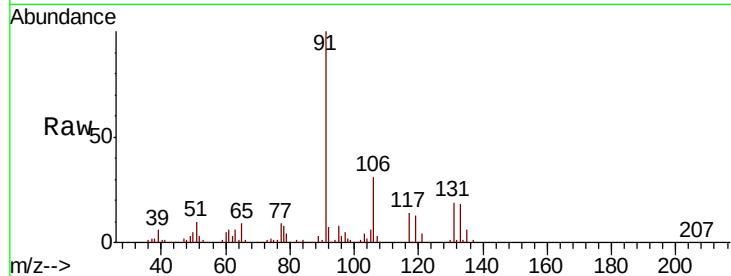




#67
Ethyl Benzene
Concen: 17.975 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

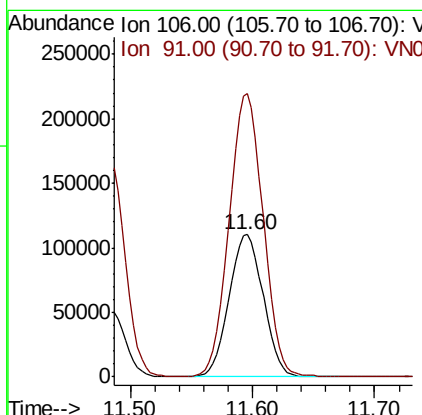
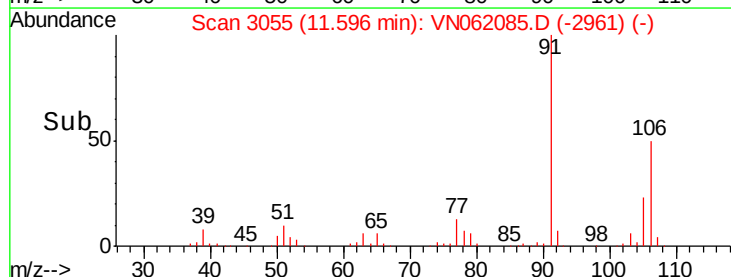
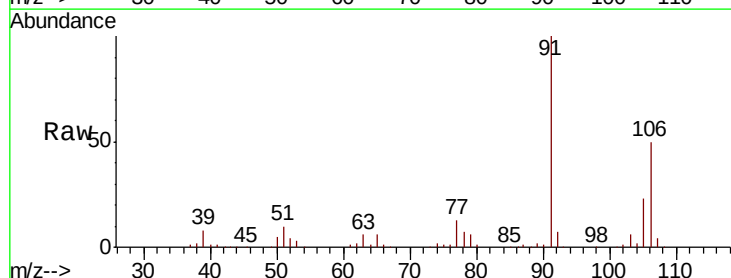
Instrument :
MSVOA_N
ClientSampled :
VN0624MBSD01

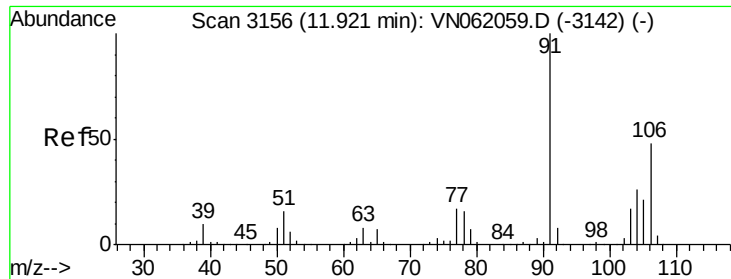
Tot Ion: 91 Resp: 275294
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9



#68
m/p-Xylenes
Concen: 36.296 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 106 Resp: 215009
Ion Ratio Lower Upper
106 100
91 197.3 157.8 236.8

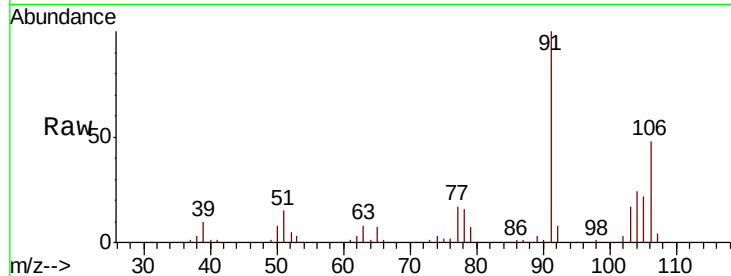




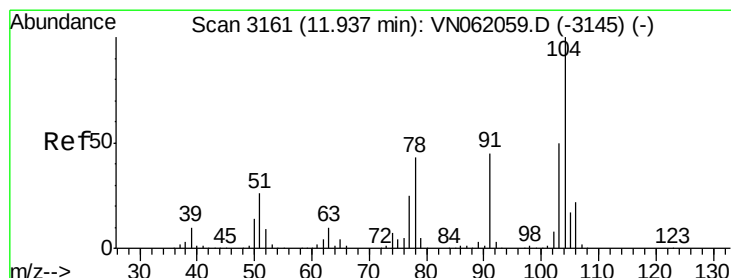
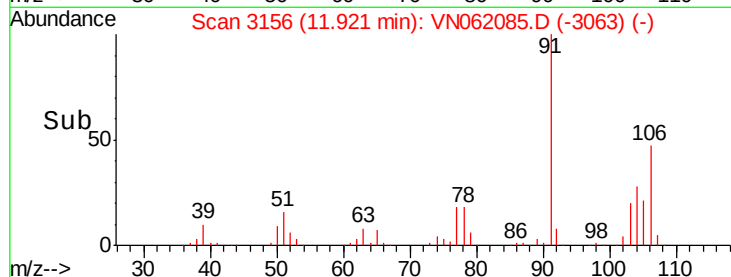
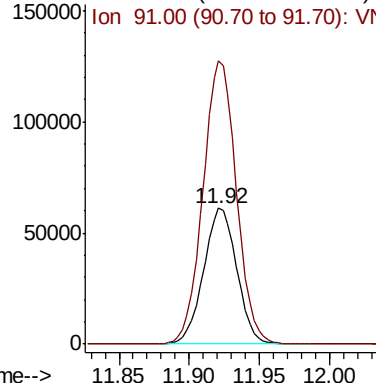
#69
o-Xylene
Concen: 18.069 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampled :
VN0624MBSD01

Tot Ion:106 Resp: 100989
Ion Ratio Lower Upper
106 100
91 209.0 104.0 311.9

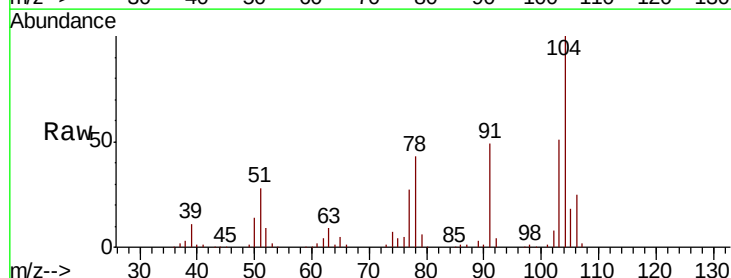


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

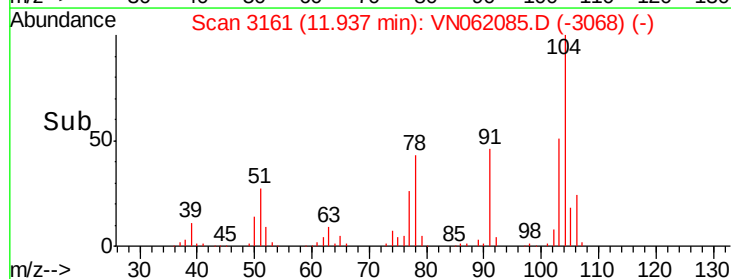
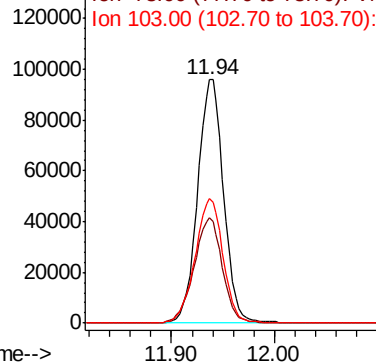


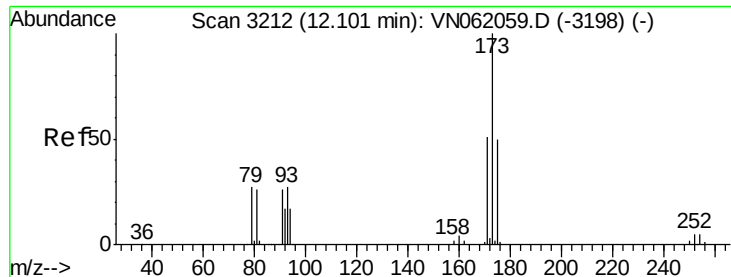
#70
Styrene
Concen: 18.077 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion:104 Resp: 168494
Ion Ratio Lower Upper
104 100
78 47.2 37.7 56.5
103 54.9 43.0 64.6



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





#71

Bromoform

Concen: 17.821 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

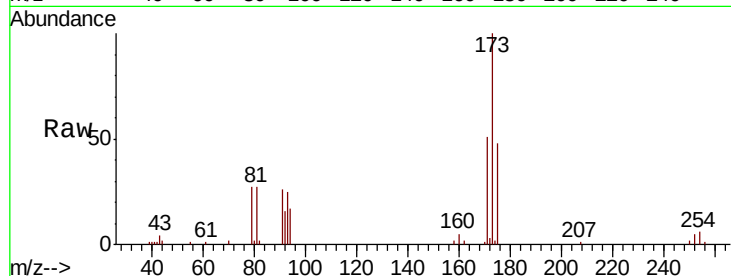
Tot Ion:173 Resp: 39732

Ion Ratio Lower Upper

173 100

175 47.7 24.7 74.1

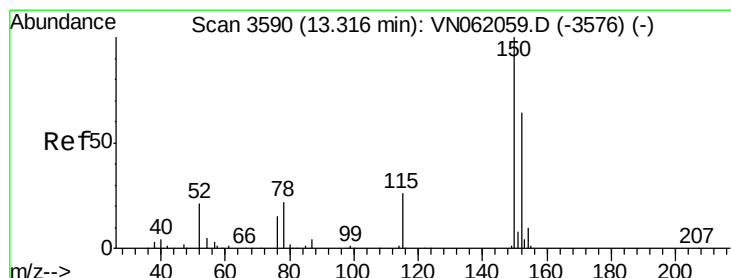
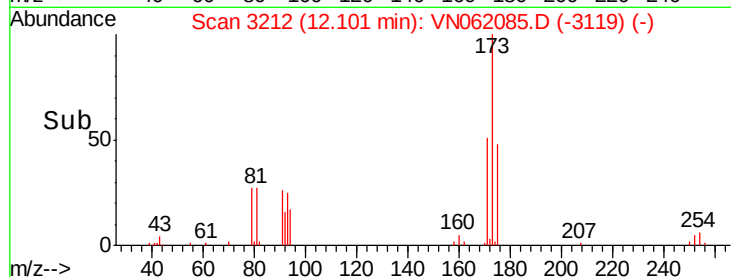
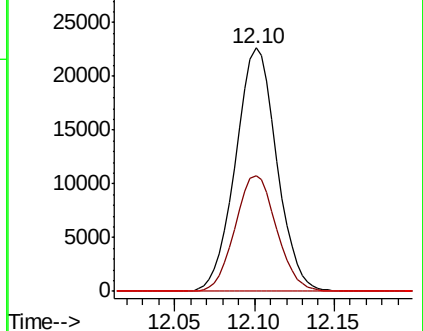
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

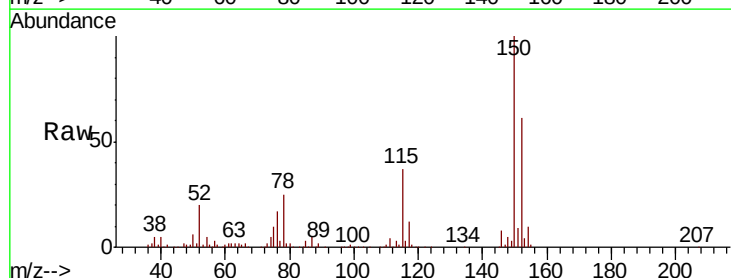
Tgt Ion:152 Resp: 183092

Ion Ratio Lower Upper

152 100

115 59.7 29.5 88.5

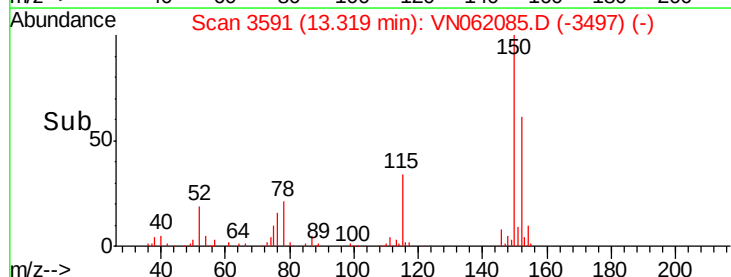
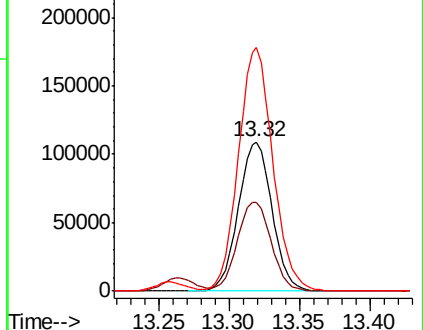
150 166.4 0.0 351.4

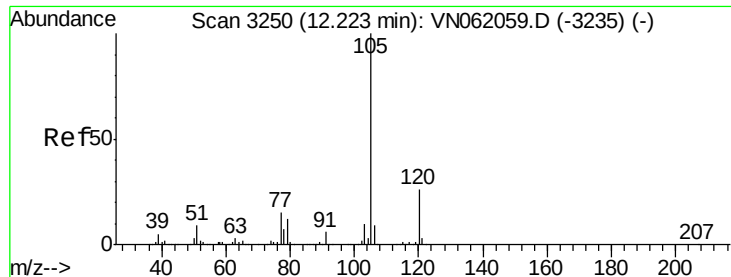


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.628 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

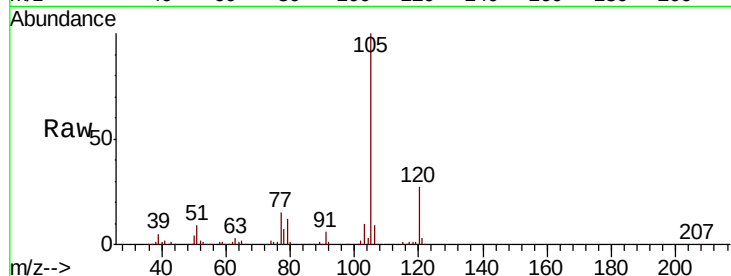
VN0624MBSD01

Tot Ion:105 Resp: 264015

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

150000

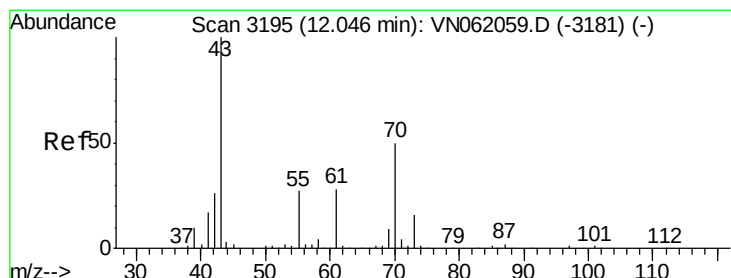
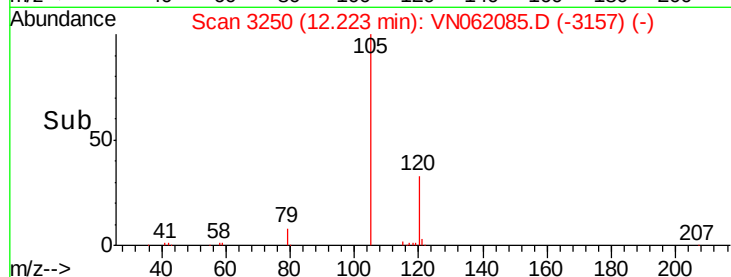
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 18.674 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Tgt Ion: 43 Resp: 85714

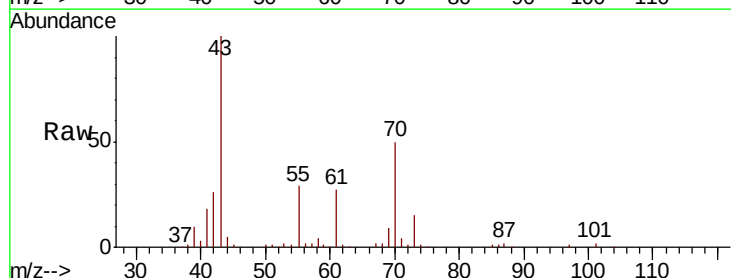
Ion Ratio Lower Upper

43 100

70 49.5 39.4 59.2

55 28.4 21.7 32.5

61 26.3 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

80000

60000

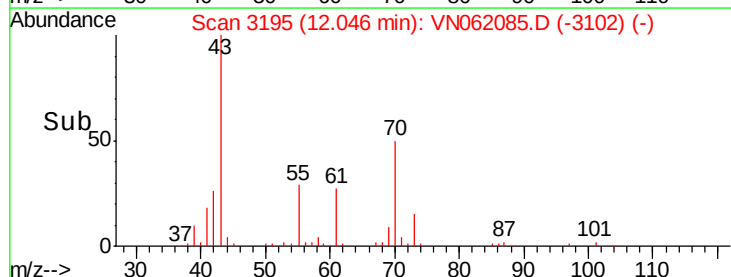
40000

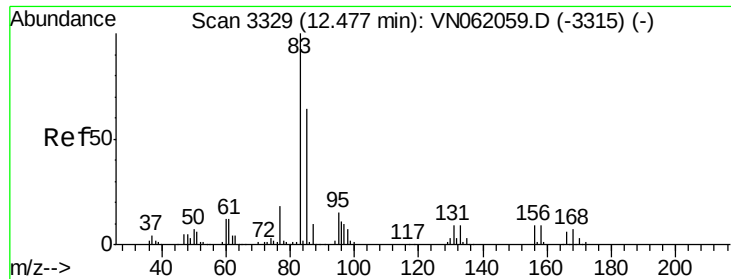
20000

0

12.00 12.05 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.193 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

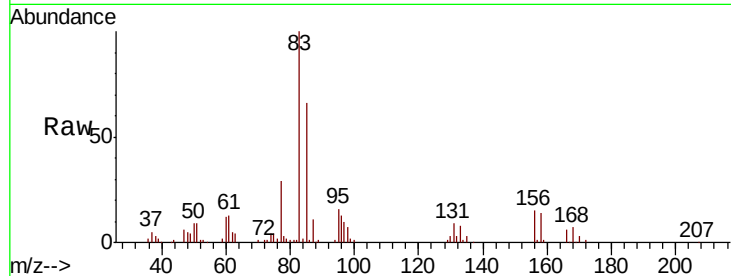
Tot Ion: 83 Resp: 85803

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.4

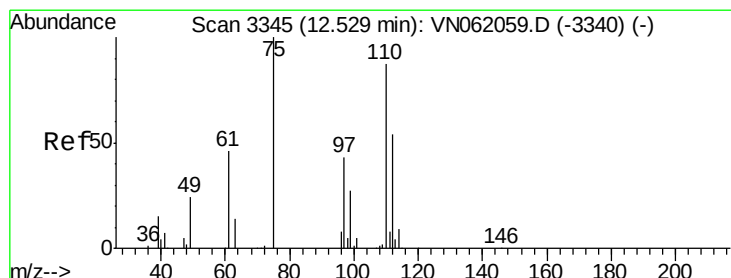
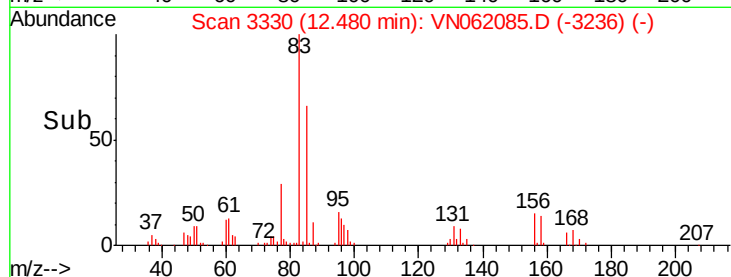
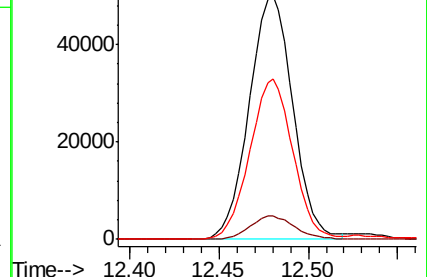
85 64.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062085.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062085.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062085.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 23.788 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062085.D

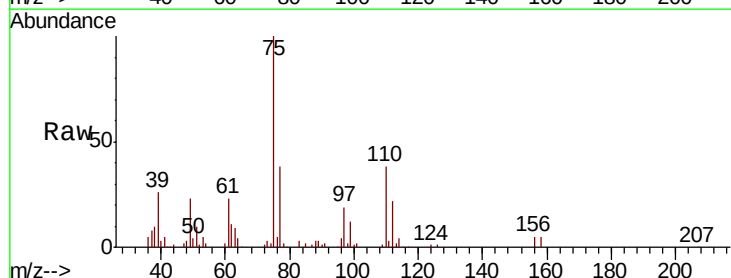
Acq: 25 Jun 2020 00:38

Tgt Ion: 75 Resp: 102530

Ion Ratio Lower Upper

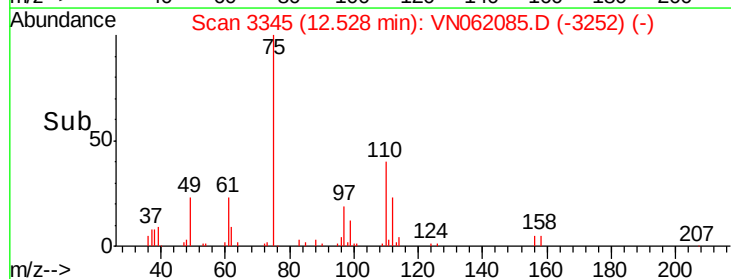
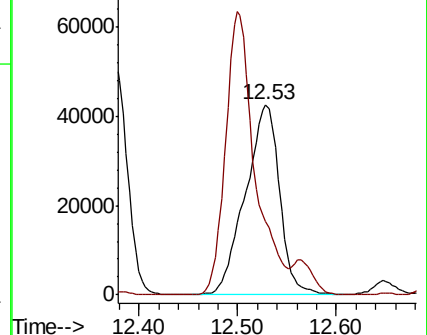
75 100

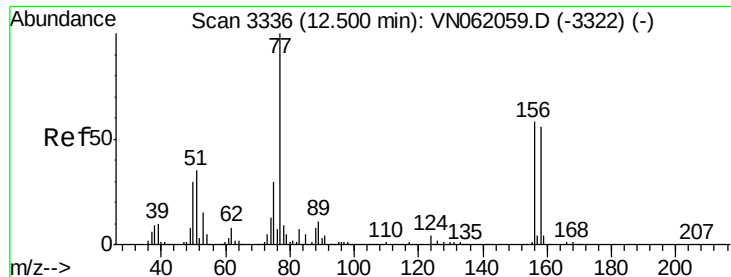
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062085.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062085.D (-3252) (-)





#77

Bromobenzene

Concen: 18.223 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

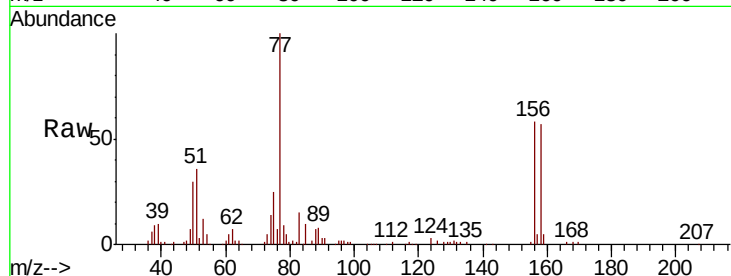
Tot Ion:156 Resp: 64120

Ion Ratio Lower Upper

156 100

77 206.5 104.6 313.8

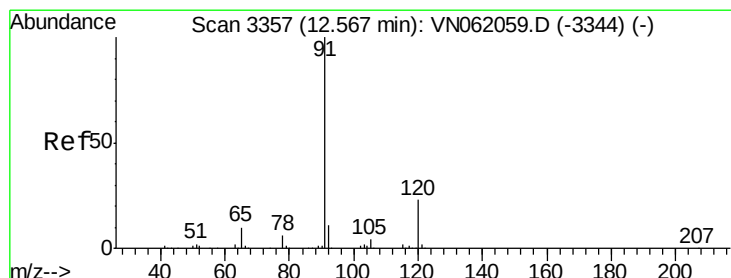
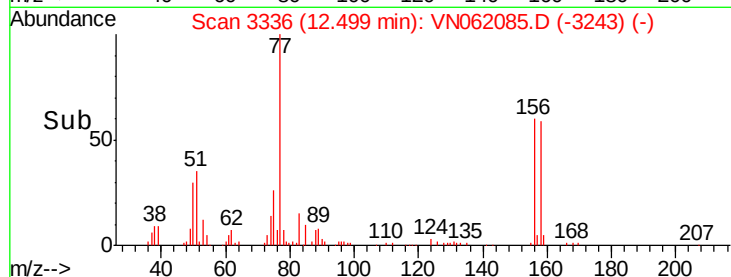
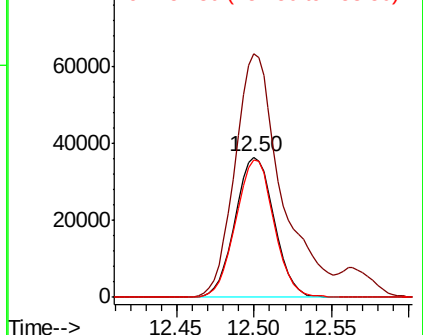
158 96.2 48.0 144.0



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: 18.340 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062085.D

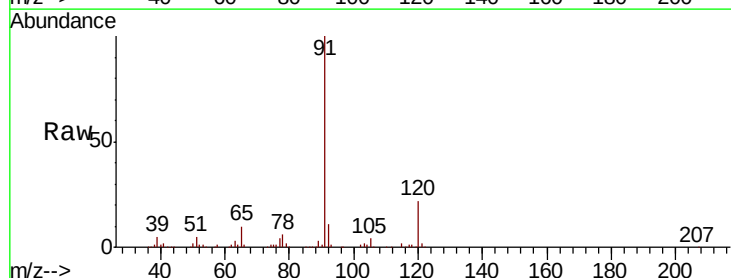
Acq: 25 Jun 2020 00:38

Tgt Ion: 91 Resp: 297327

Ion Ratio Lower Upper

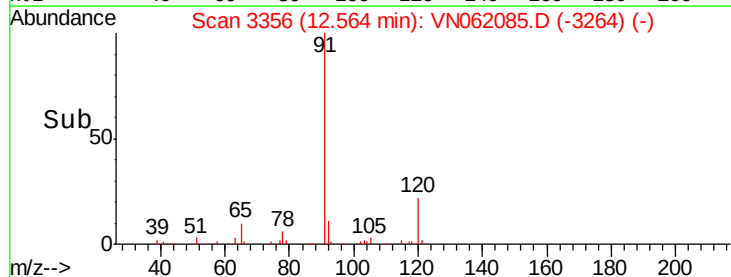
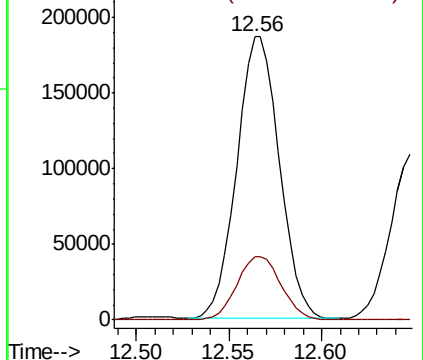
91 100

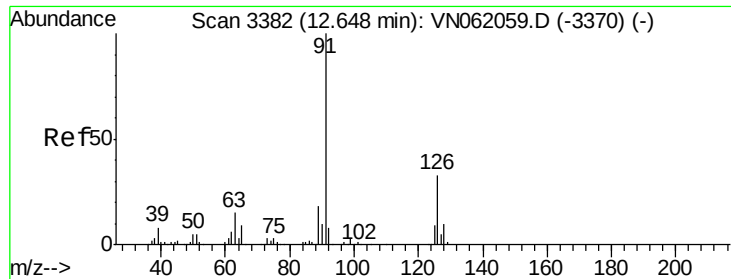
120 23.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

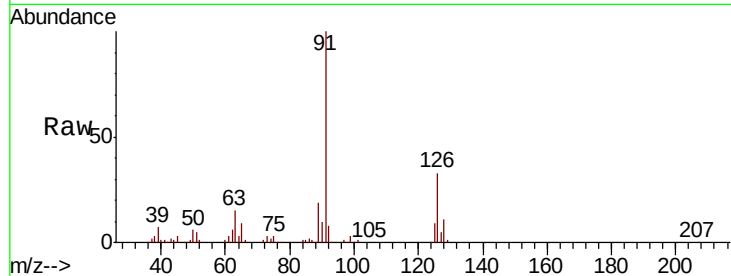




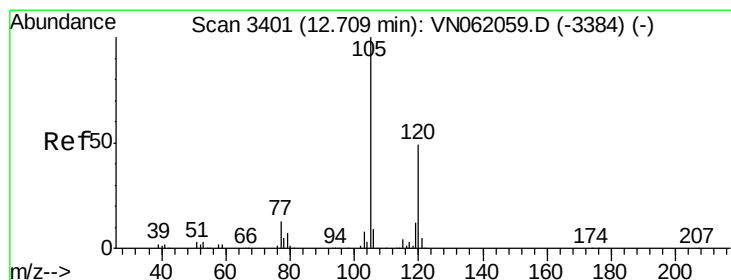
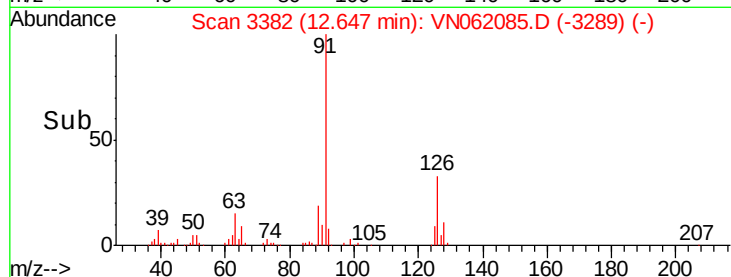
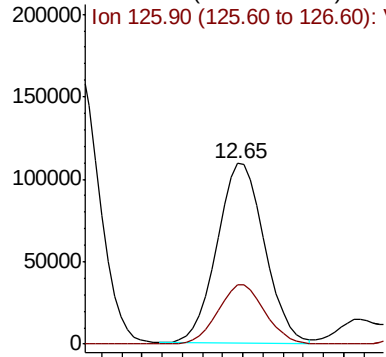
#79
 2-Chlorotoluene
 Concen: 18.364 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

Tot Ion: 91 Resp: 179983
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.9 50.7

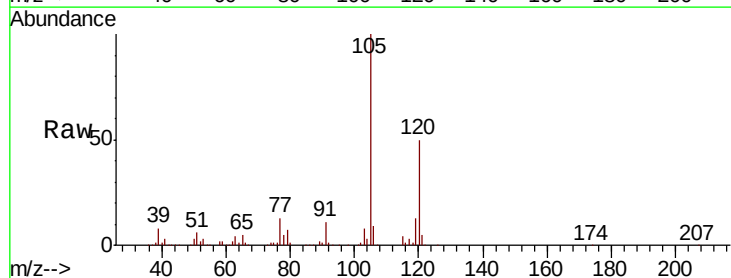


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

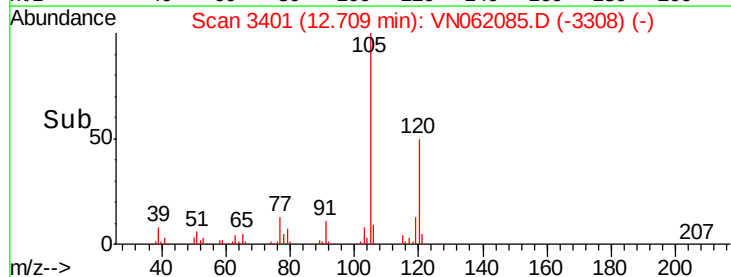
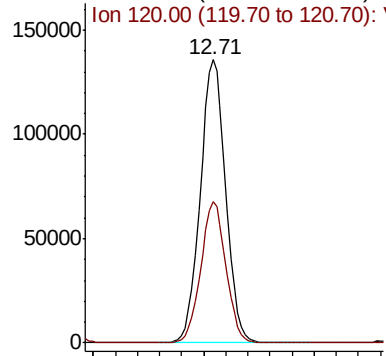


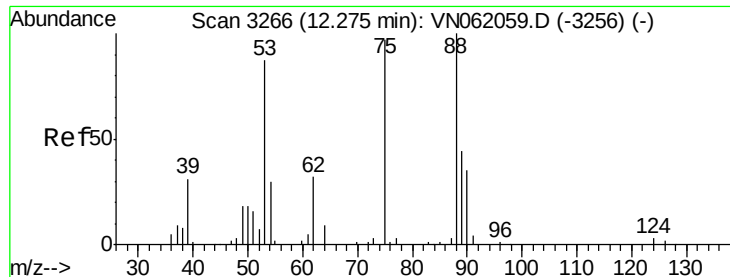
#80
 1,3,5-Trimethylbenzene
 Concen: 18.817 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion: 105 Resp: 216189
 Ion Ratio Lower Upper
 105 100
 120 49.4 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: 15.613 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

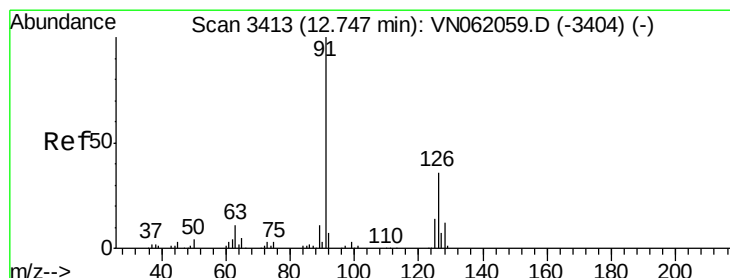
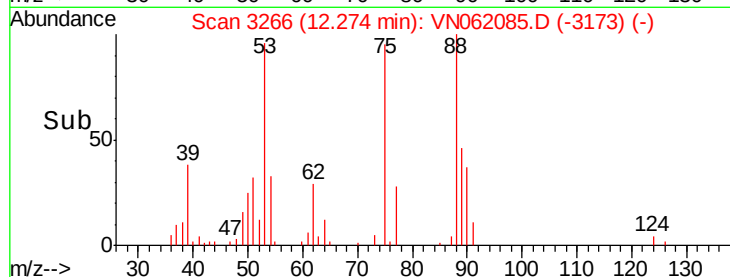
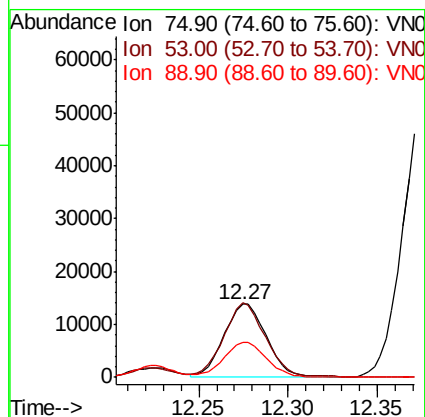
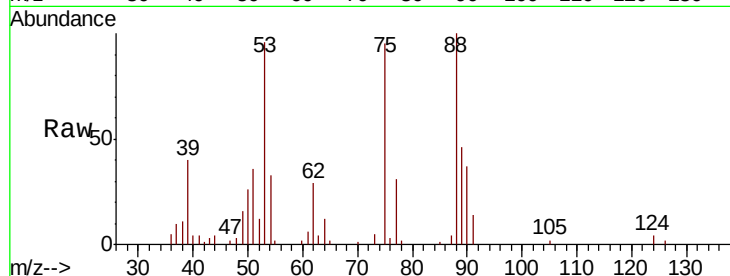
Tot Ion: 75 Resp: 23043

Ion Ratio Lower Upper

75 100

53 99.8 72.0 108.0

89 48.0 36.9 55.3



#82

4-Chlorotoluene

Concen: 18.010 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062085.D

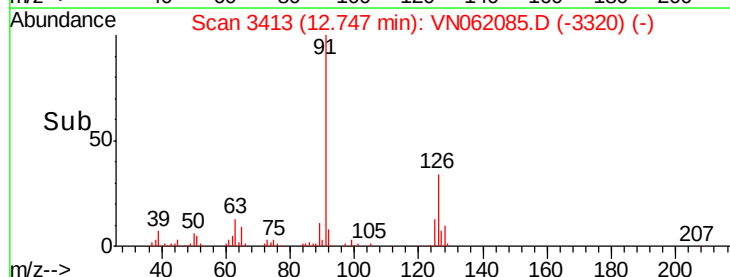
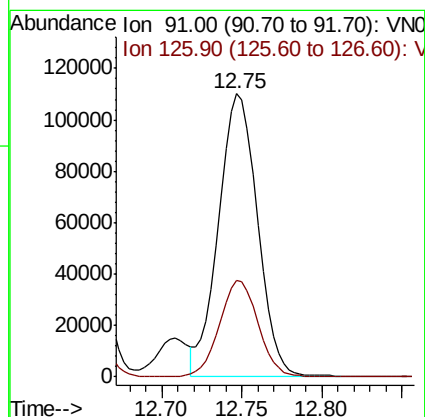
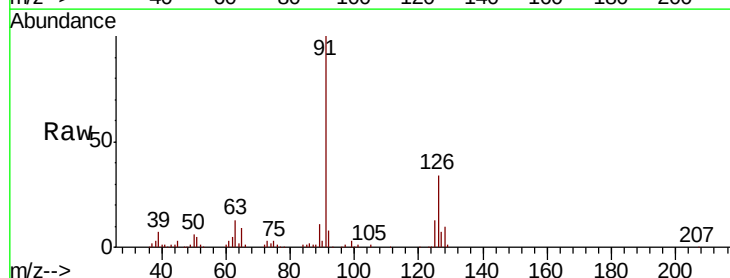
Acq: 25 Jun 2020 00:38

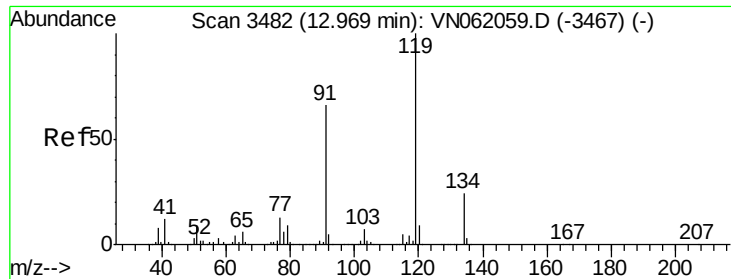
Tgt Ion: 91 Resp: 182529

Ion Ratio Lower Upper

91 100

126 34.0 16.7 50.1

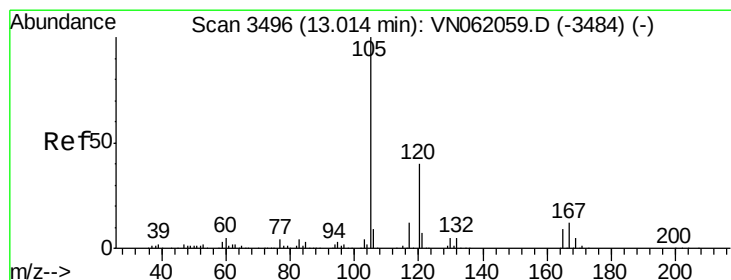
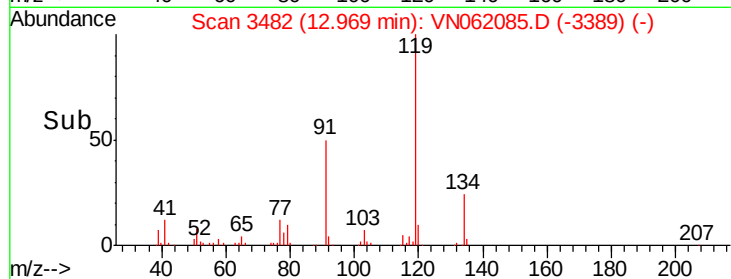
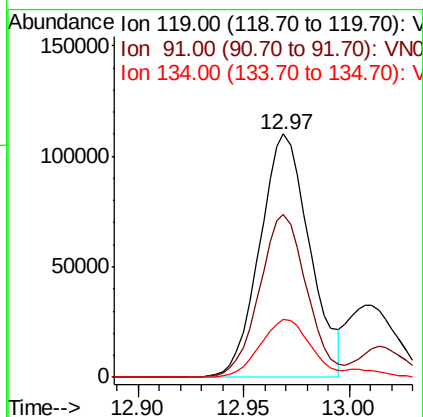
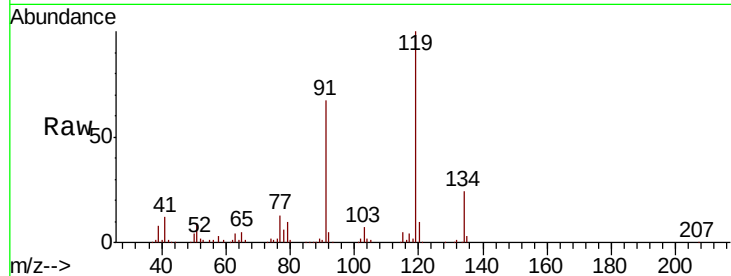




#83
 tert-Butylbenzene
 Concen: 18.501 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

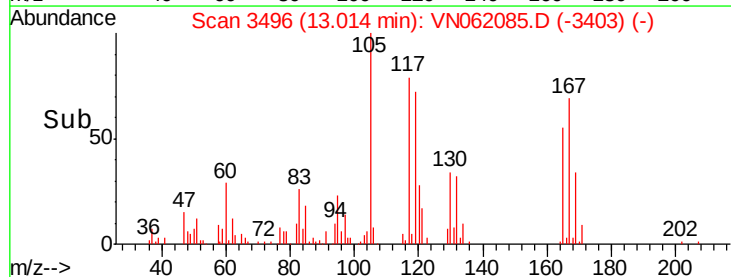
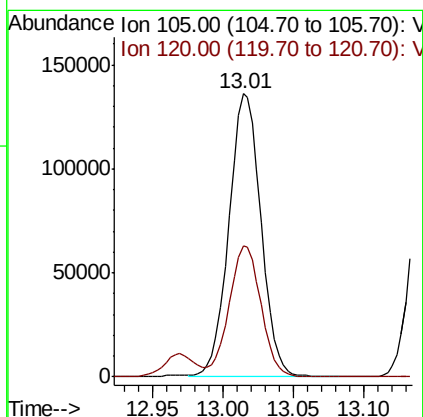
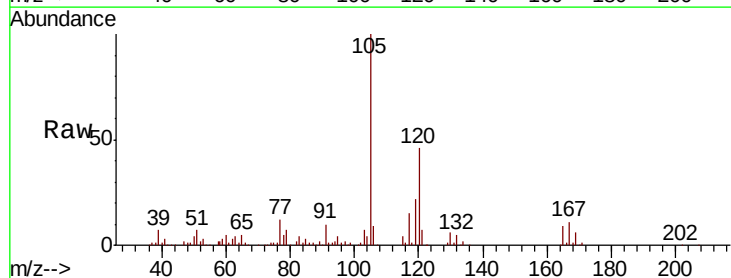
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

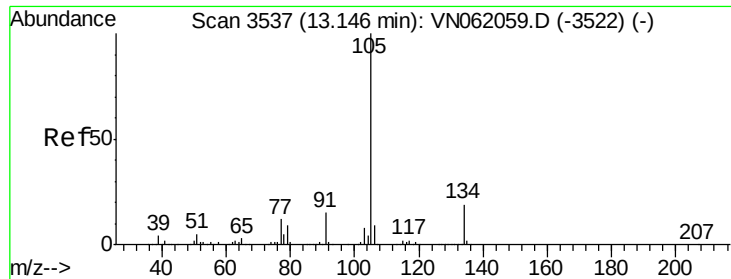
Tot Ion:119 Resp: 181910
 Ion Ratio Lower Upper
 119 100
 91 63.7 31.7 95.1
 134 24.2 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.739 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion:105 Resp: 215026
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5

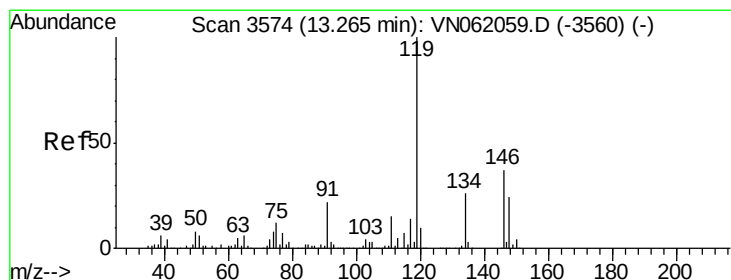
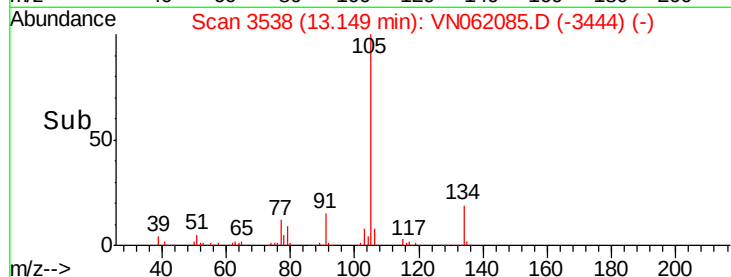
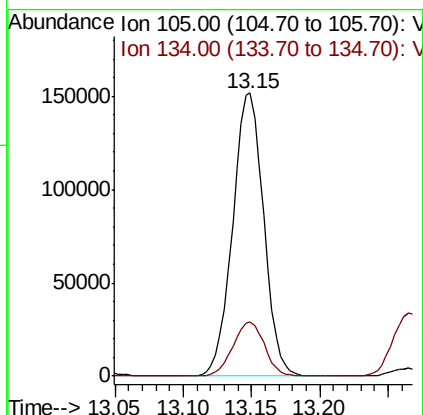
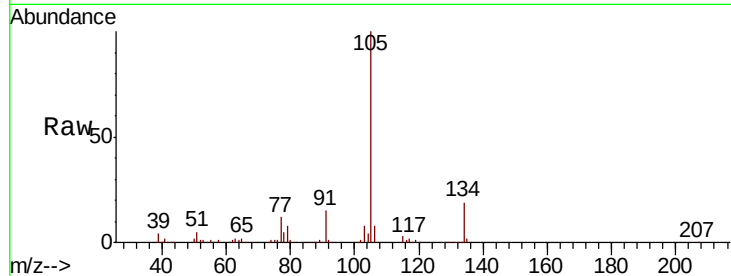




#85
 sec-Butylbenzene
 Concen: 18.328 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

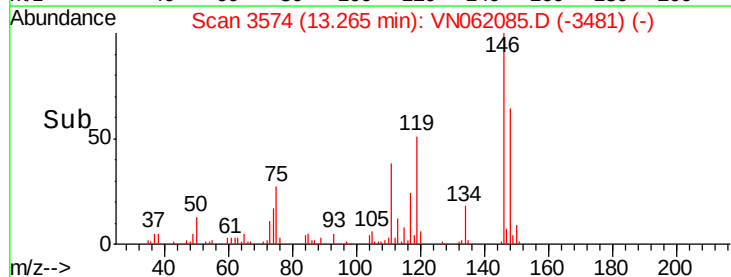
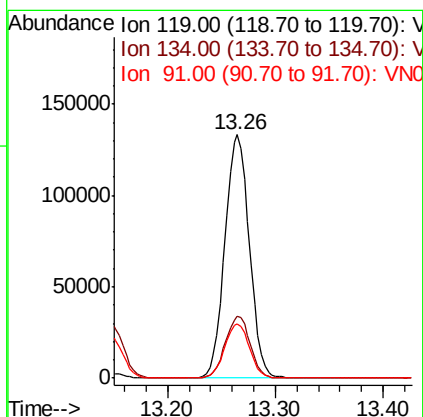
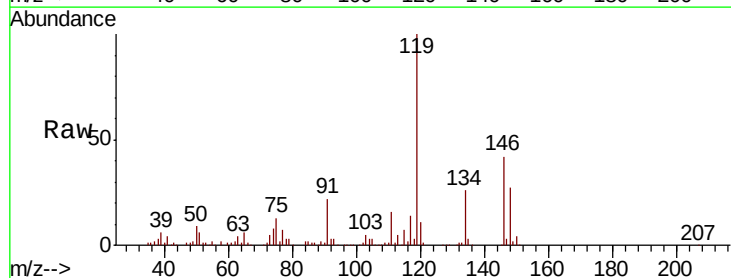
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

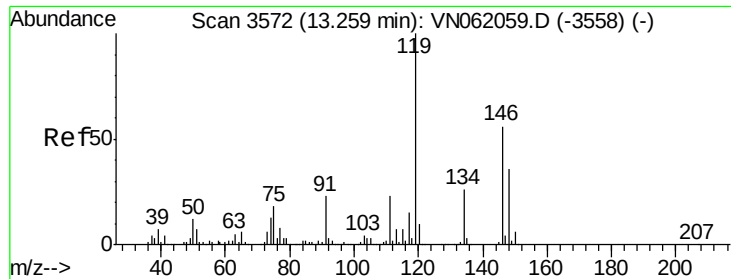
Tot Ion:105 Resp: 238125
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 18.489 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion:119 Resp: 210456
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 22.8 11.3 33.8

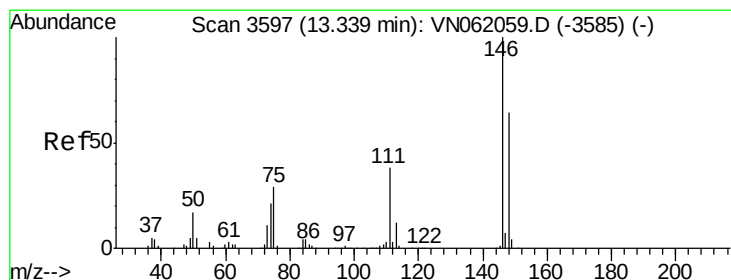
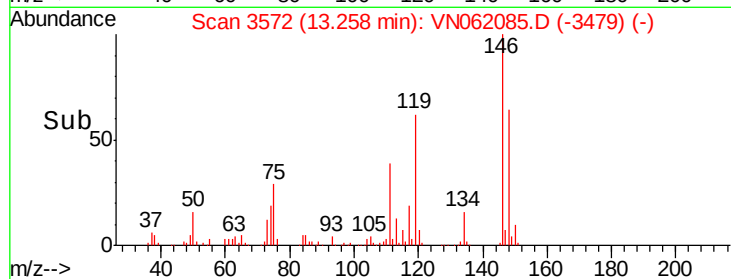
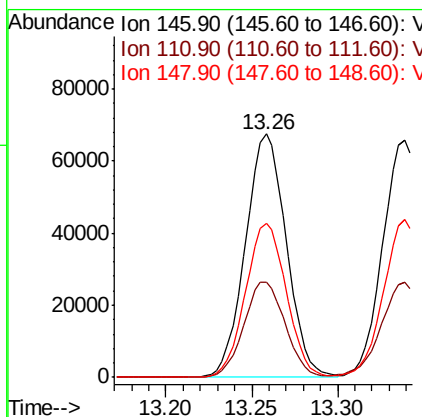
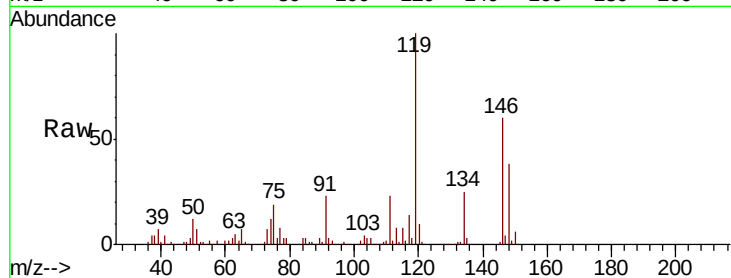




#87
 1,3-Dichlorobenzene
 Concen: 18.036 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

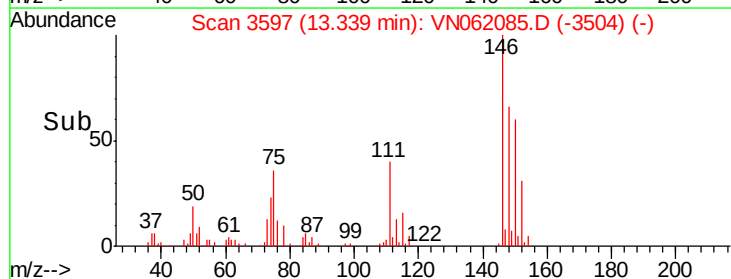
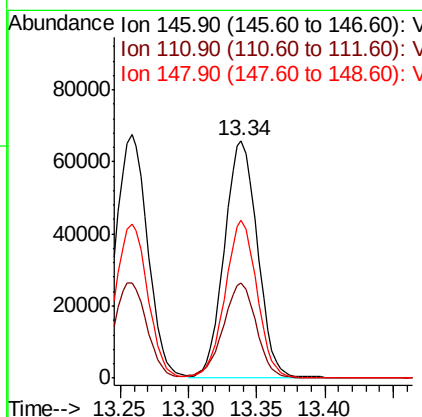
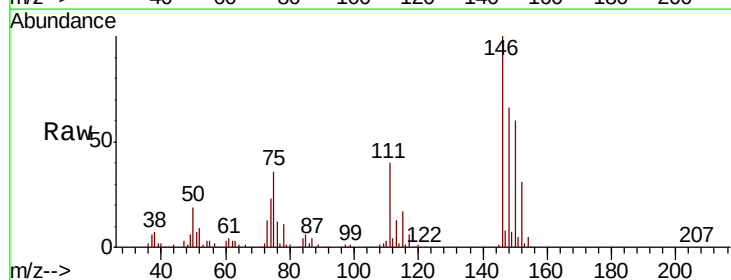
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

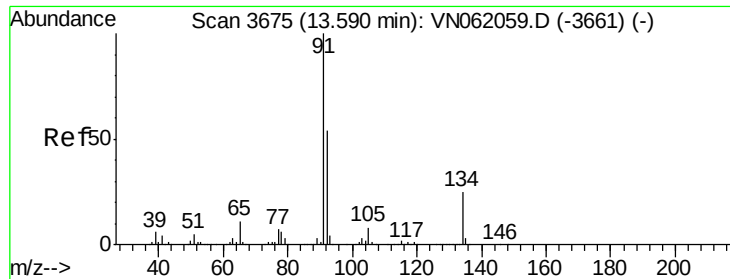
Tot Ion:146 Resp: 111437
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.3 61.0
 148 63.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.475 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion:146 Resp: 111302
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.9 59.6
 148 64.1 31.9 95.9

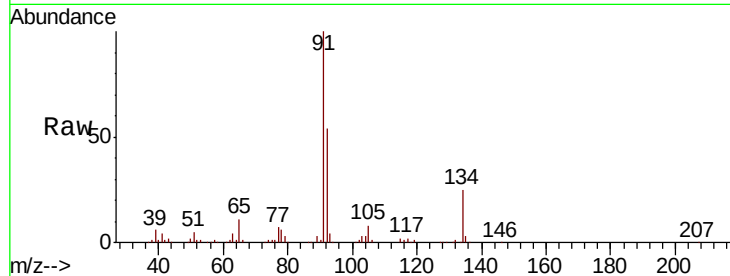




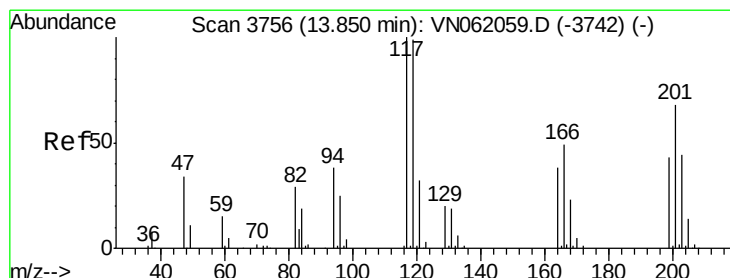
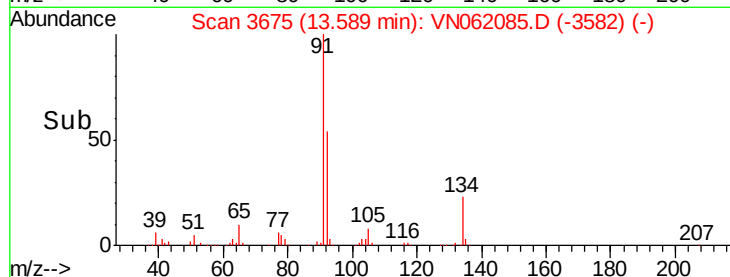
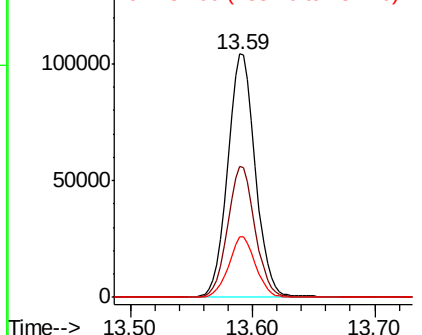
#89
n-Butylbenzene
Concen: 17.494 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleID :
VN0624MBSD01

Tot Ion: 91 Resp: 165560
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.7
134 24.4 12.3 36.9

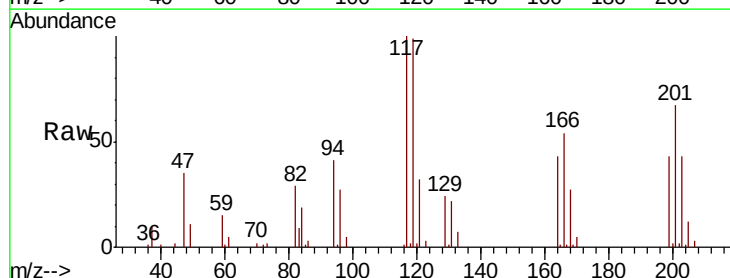


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

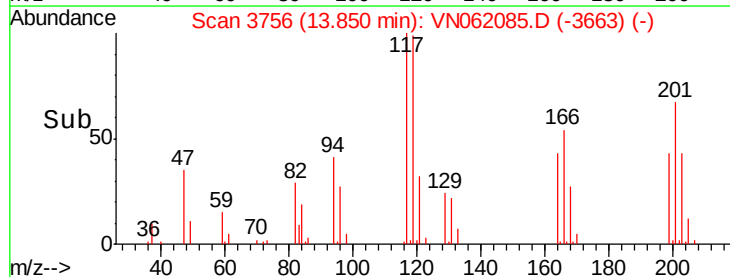
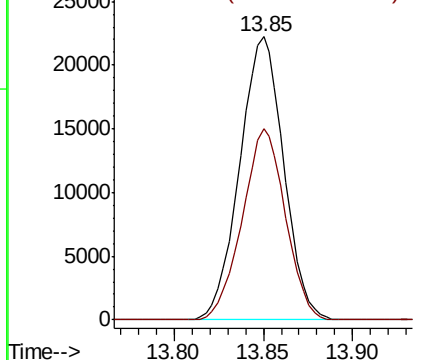


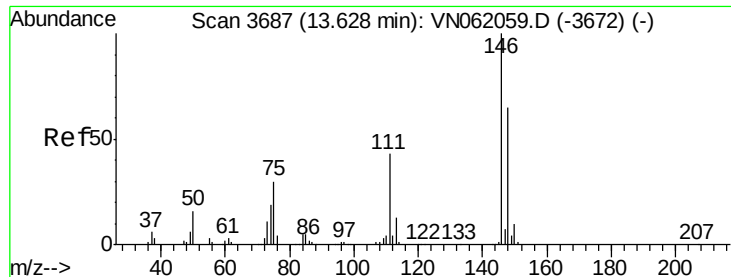
#90
Hexachloroethane
Concen: 17.143 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 117 Resp: 38285
Ion Ratio Lower Upper
117 100
201 66.0 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

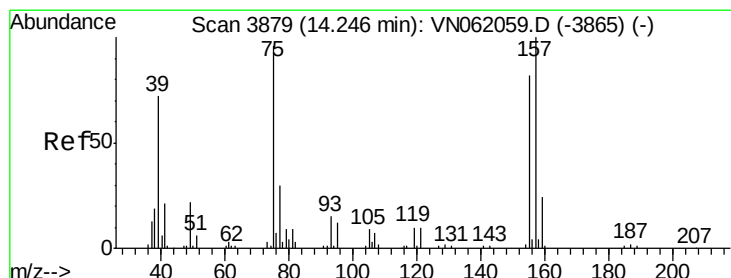
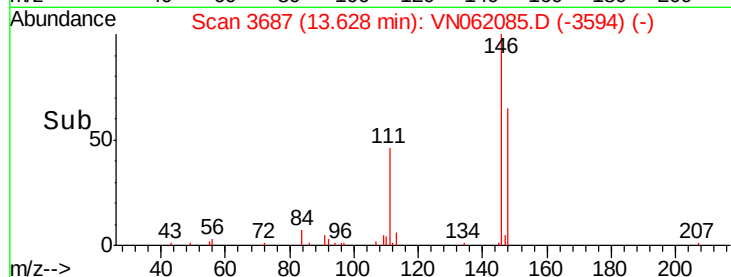
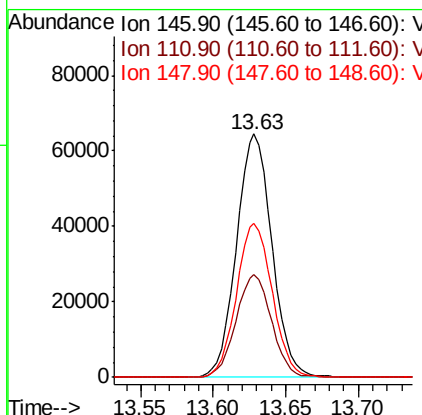
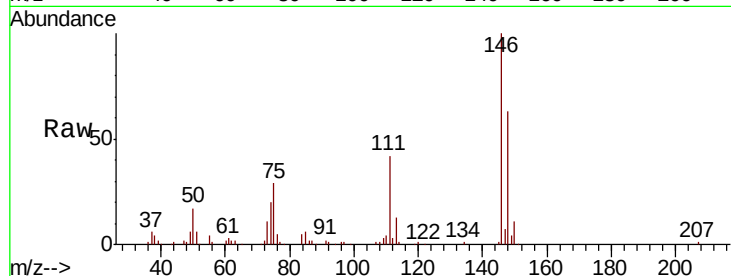




#91
 1,2-Dichlorobenzene
 Concen: 18.279 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

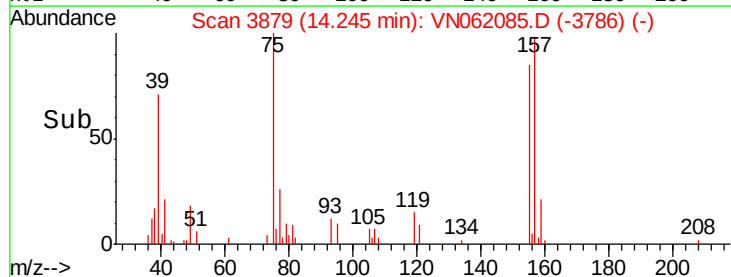
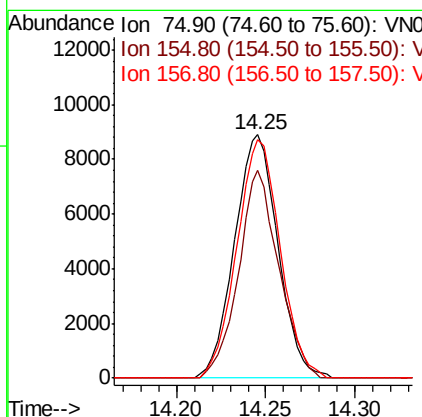
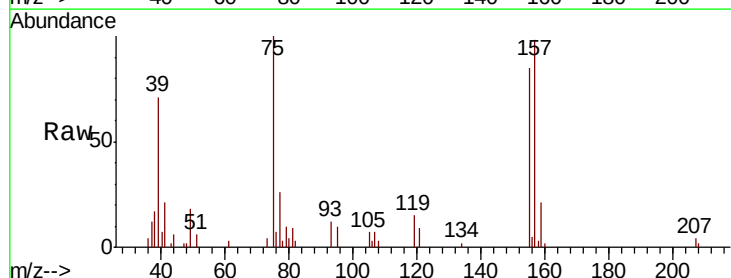
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

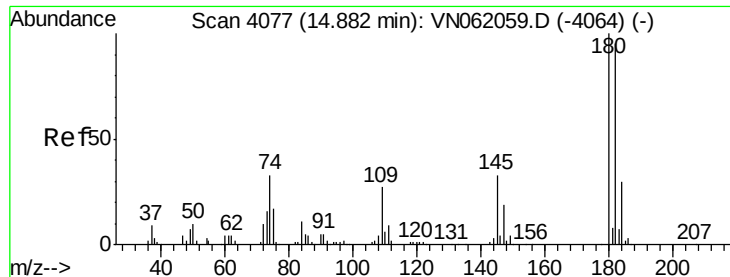
Tot Ion:146 Resp: 109522
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.2 63.6
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.971 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion: 75 Resp: 15089
 Ion Ratio Lower Upper
 75 100
 155 79.2 40.8 122.4
 157 98.0 51.4 154.3

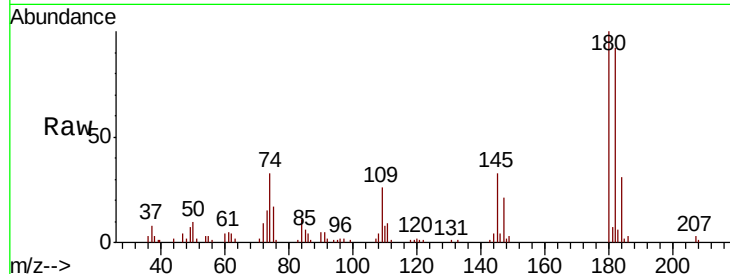




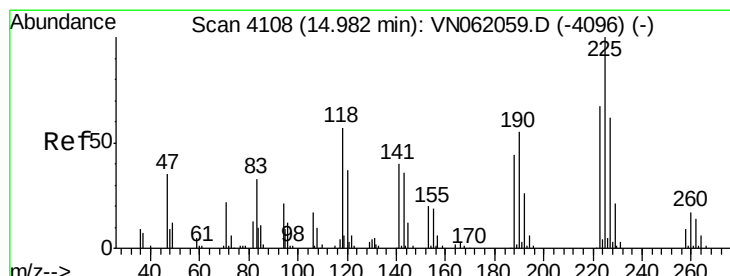
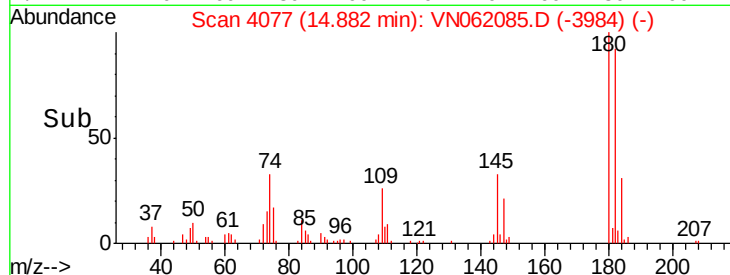
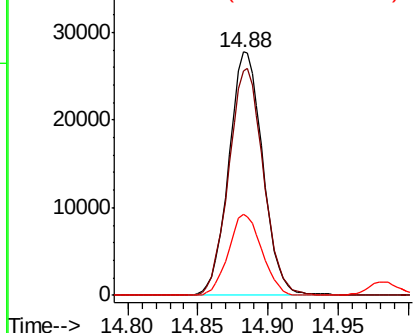
#93
 1,2,4-Trichlorobenzene
 Concen: 17.886 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.0	144.2
145	32.6	16.0	48.0

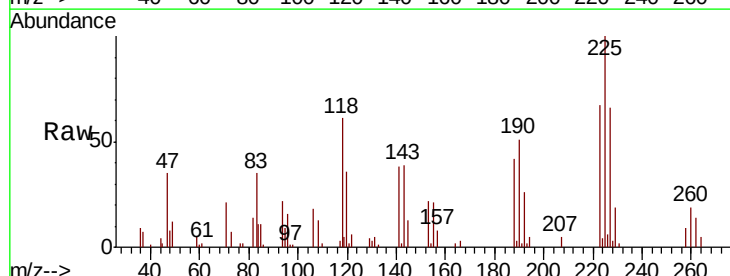


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

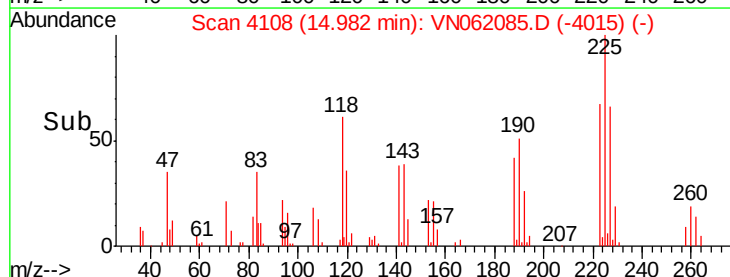
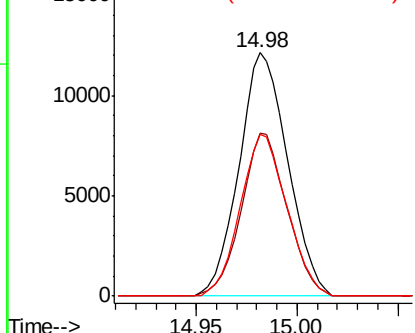


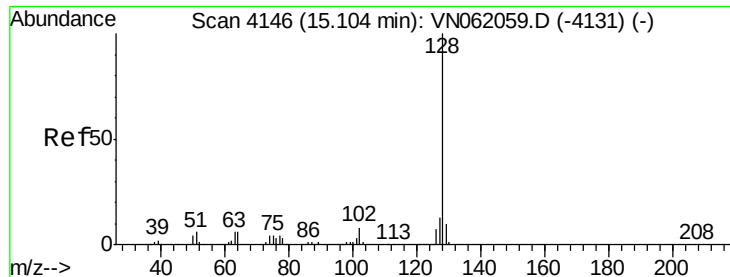
#94
 Hexachlorobutadiene
 Concen: 17.996 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.9	98.7
227	63.5	31.3	93.8



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

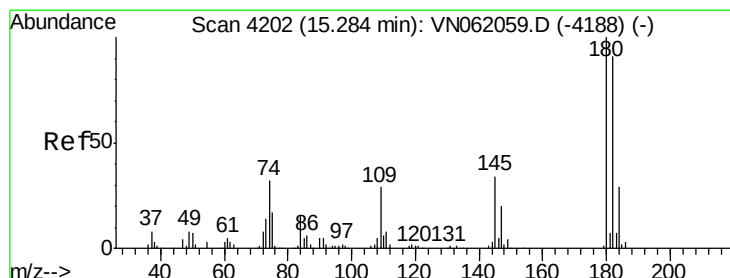
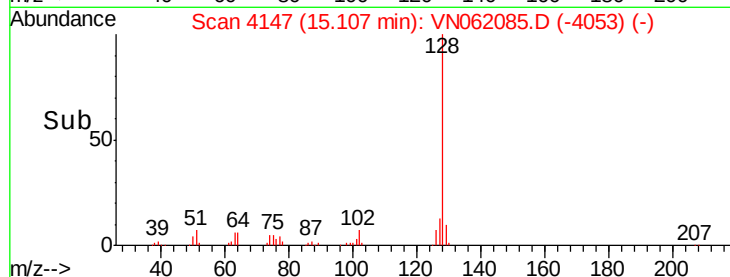
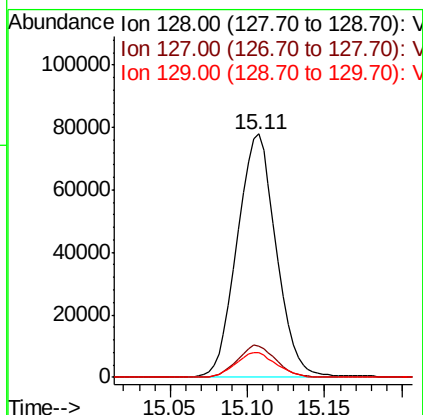
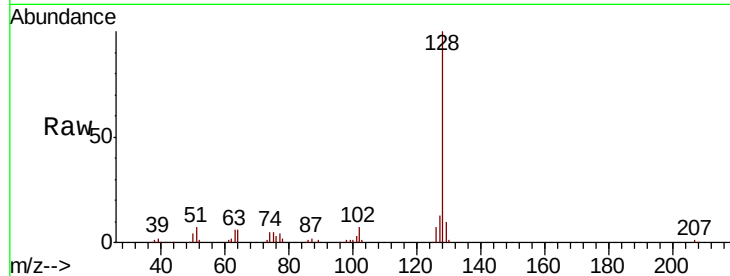




#95
Naphthalene
Concen: 18.418 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion:128 Resp: 136802
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.428 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion:180 Resp: 49321
Ion Ratio Lower Upper
180 100
182 95.3 46.8 140.4
145 33.7 16.4 49.2

