

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072820\
 Data File : VN062632.D
 Acq On : 28 Jul 2020 14:10
 Operator : JC/MD
 Sample : VN0728WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 29 04:24:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	180169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	272247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115638	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	150312	53.71	ug/l	0.00
Spiked Amount			Recovery	=	107.42%	
35) Dibromofluoromethane	7.55	113	102035	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
50) Toluene-d8	10.06	98	364817	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.37	95	135032	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	41687	19.398	ug/l	100
3) Chloromethane	2.04	50	45652	15.662	ug/l	98
4) Vinyl Chloride	2.16	62	41243	16.322	ug/l	98
5) Bromomethane	2.52	94	24640	22.016	ug/l	95
6) Chloroethane	2.66	64	24211	21.182	ug/l	98
7) Trichlorofluoromethane	2.98	101	68266	23.010	ug/l	96
8) Diethyl Ether	3.37	74	24300	17.515	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	35514	18.670	ug/l	96
10) Methyl Iodide	3.91	142	40712	16.741	ug/l	96
11) Tert butyl alcohol	4.74	59	41181	92.492	ug/l	99
12) 1,1-Dichloroethene	3.70	96	34411	17.837	ug/l	94
13) Acrolein	3.57	56	27693	66.064	ug/l	99
14) Allyl chloride	4.28	41	68837	16.496	ug/l	94
15) Acrylonitrile	4.93	53	105077	88.110	ug/l	99
16) Acetone	3.78	43	106356	100.981	ug/l	100
17) Carbon Disulfide	4.01	76	102911	16.236	ug/l	99
18) Methyl Acetate	4.28	43	48925	18.349	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	134419	18.931	ug/l	98
20) Methylene Chloride	4.50	84	42704	16.905	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	38402	17.935	ug/l	100
22) Diisopropyl ether	5.90	45	154602	18.639	ug/l	96
23) Vinyl Acetate	5.84	43	633008	93.137	ug/l	98
24) 1,1-Dichloroethane	5.80	63	85906	19.233	ug/l	99
25) 2-Butanone	6.79	43	148975	92.875	ug/l	96
26) 2,2-Dichloropropane	6.78	77	74815	20.404	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	44363	18.158	ug/l	98
28) Bromochloromethane	7.15	49	43279	19.688	ug/l	94
29) Tetrahydrofuran	7.17	42	102096	94.065	ug/l	96
30) Chloroform	7.33	83	81794	19.260	ug/l	97
31) Cyclohexane	7.62	56	74023	17.949	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	74730	21.076	ug/l	98
36) 1,1-Dichloropropene	7.75	75	63073	20.074	ug/l	99
37) Ethyl Acetate	6.88	43	64160	18.944	ug/l	99
38) Carbon Tetrachloride	7.73	117	66455	22.004	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072820\
 Data File : VN062632.D
 Acq On : 28 Jul 2020 14:10
 Operator : JC/MD
 Sample : VN0728WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 29 04:24:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	65489	19.363	ug/l	95
40) Benzene	8.00	78	178263	18.740	ug/l	98
41) Methacrylonitrile	7.17	41	92361	63.629	ug/l #	14
42) 1,2-Dichloroethane	8.09	62	70340	20.227	ug/l	99
43) Isopropyl Acetate	8.13	43	99006	18.133	ug/l #	92
44) Trichloroethene	8.80	130	41824	19.497	ug/l	98
45) 1,2-Dichloropropane	9.09	63	45638	17.088	ug/l	99
46) Dibromomethane	9.18	93	30999	20.082	ug/l	98
47) Bromodichloromethane	9.37	83	68308	20.426	ug/l	99
48) Methyl methacrylate	9.17	41	49618	19.117	ug/l	96
49) 1,4-Dioxane	9.17	88	16244	407.495	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	283592	86.809	ug/l	98
52) Toluene	10.12	92	99952	18.096	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	74603	20.039	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	75407	18.877	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	43147	20.139	ug/l	95
56) Ethyl methacrylate	10.40	69	67591	18.717	ug/l	99
57) 1,3-Dichloropropane	10.68	76	75117	19.138	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	79260	80.488	ug/l	99
59) 2-Hexanone	10.72	43	232425	93.865	ug/l	99
60) Dibromochloromethane	10.87	129	48909	20.463	ug/l	97
61) 1,2-Dibromoethane	10.98	107	42939	19.247	ug/l	98
64) Tetrachloroethene	10.60	164	35848	20.266	ug/l	97
65) Chlorobenzene	11.41	112	112471	19.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40540	18.881	ug/l	99
67) Ethyl Benzene	11.48	91	191316	18.282	ug/l	99
68) m/p-Xylenes	11.60	106	140230	37.282	ug/l	99
69) o-Xylene	11.92	106	66863	18.720	ug/l	97
70) Styrene	11.94	104	113856	18.870	ug/l	98
71) Bromoform	12.10	173	31769	19.706	ug/l #	99
73) Isopropylbenzene	12.22	105	187063	20.458	ug/l	99
74) N-amyl acetate	12.05	43	80037	19.601	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	58014	18.258	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	80493	27.347	ug/l #	100
77) Bromobenzene	12.50	156	43916	19.986	ug/l	95
78) n-propylbenzene	12.56	91	212829	19.871	ug/l	100
79) 2-Chlorotoluene	12.65	91	131898	19.983	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	160242	21.127	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	20661	19.540	ug/l	91
82) 4-Chlorotoluene	12.75	91	134510	19.578	ug/l	100
83) tert-Butylbenzene	12.97	119	136895	21.736	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	155175	20.855	ug/l	96
85) sec-Butylbenzene	13.15	105	177028	20.996	ug/l	100
86) p-Isopropyltoluene	13.26	119	154702	21.333	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	75739	19.641	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	75926	20.002	ug/l	99
89) n-Butylbenzene	13.59	91	122273	19.623	ug/l	99
90) Hexachloroethane	13.85	117	30164	19.539	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	72283	19.604	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	12516	21.696	ug/l	98

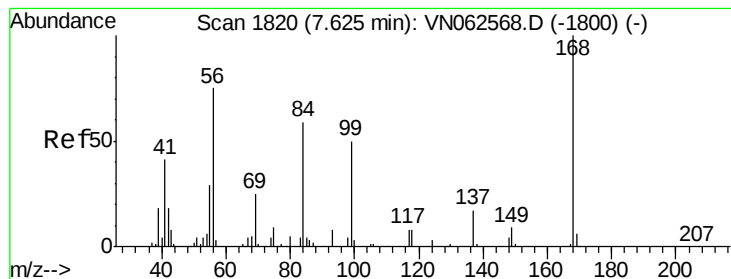
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072820\
Data File : VN062632.D
Acq On : 28 Jul 2020 14:10
Operator : JC/MD
Sample : VN0728WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 29 04:24:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	33220	19.176	ug/l	98
94) Hexachlorobutadiene	14.98	225	25336	25.184	ug/l	98
95) Naphthalene	15.10	128	89327	19.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	33567	19.318	ug/l	100

(#) = 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: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

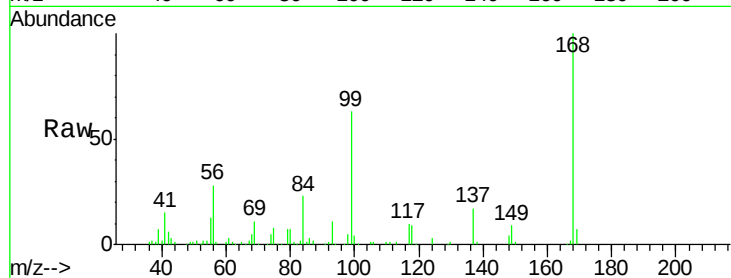
ClientSampled :

Tot Ion:168 Resp: 180169

Ion Ratio Lower Upper

168 100

99 63.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

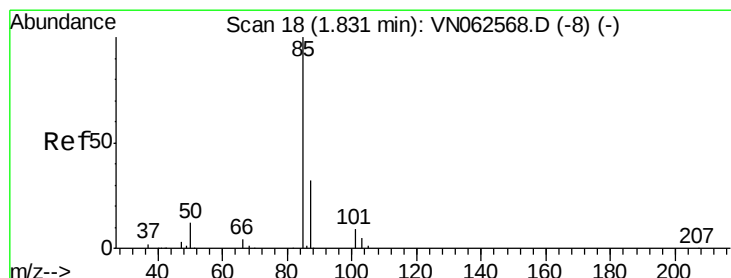
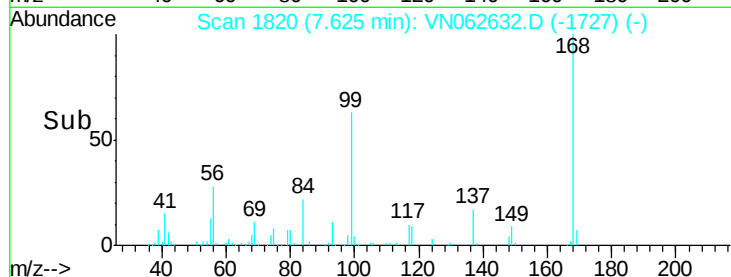
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.398 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062632.D

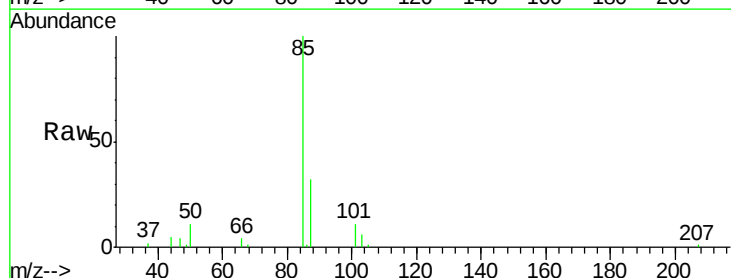
Acq: 28 Jul 2020 14:10

Tgt Ion: 85 Resp: 41687

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

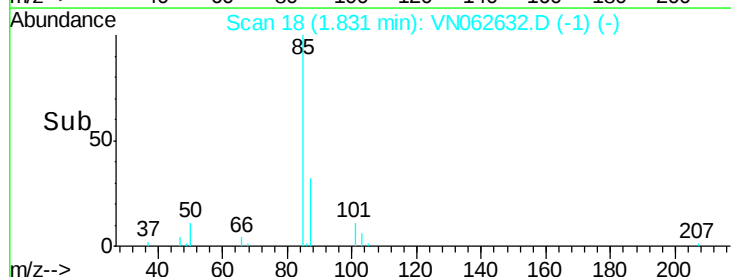
30000

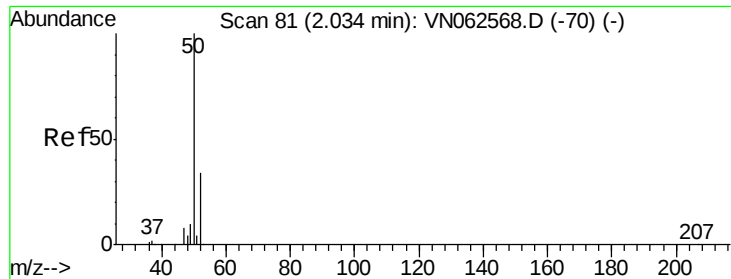
20000

10000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 15.662 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

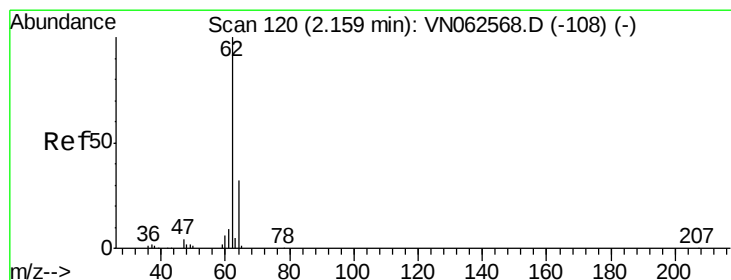
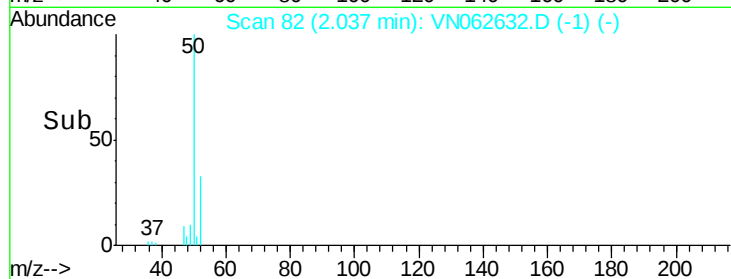
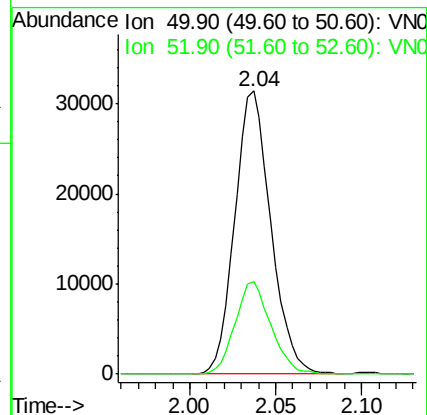
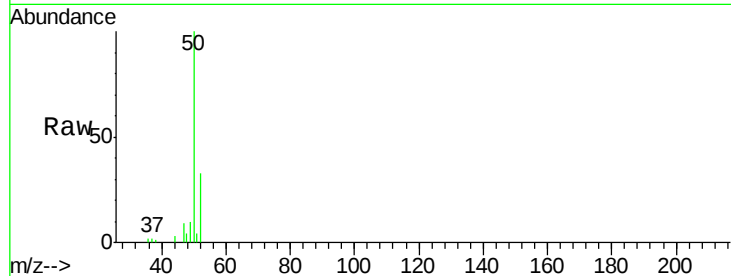
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 45652

Ion Ratio Lower Upper

50 100

52 32.8 27.0 40.4



#4

Vinyl Chloride

Concen: 16.322 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062632.D

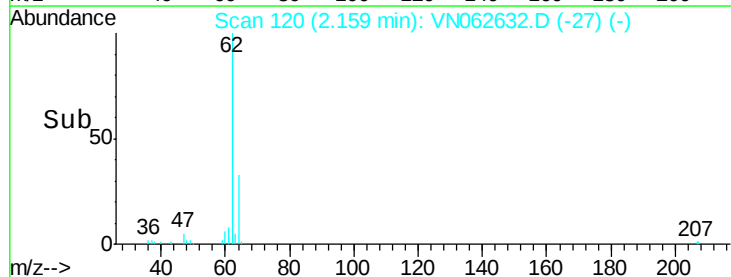
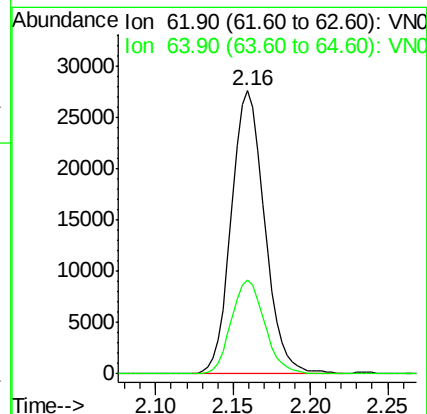
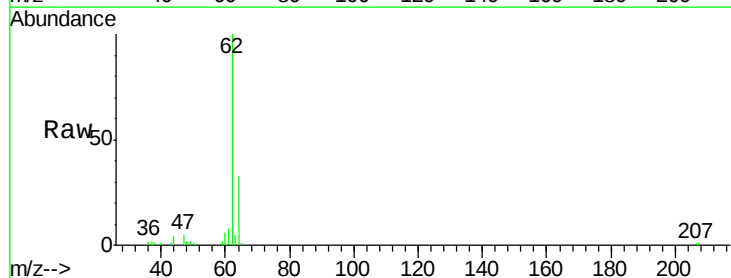
Acq: 28 Jul 2020 14:10

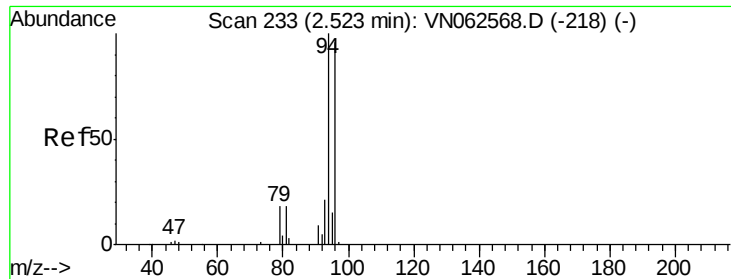
Tgt Ion: 62 Resp: 41243

Ion Ratio Lower Upper

62 100

64 33.2 25.8 38.8





#5

Bromomethane

Concen: 22.016 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

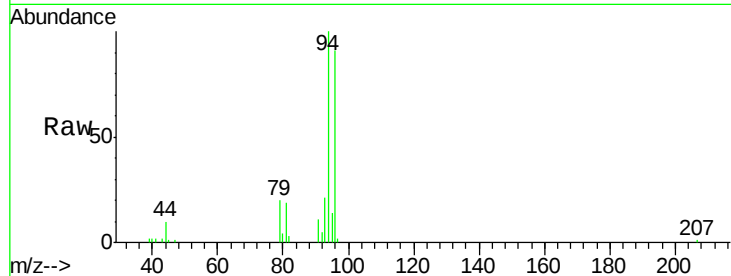
ClientSampled :

Tot Ion: 94 Resp: 24640

Ion Ratio Lower Upper

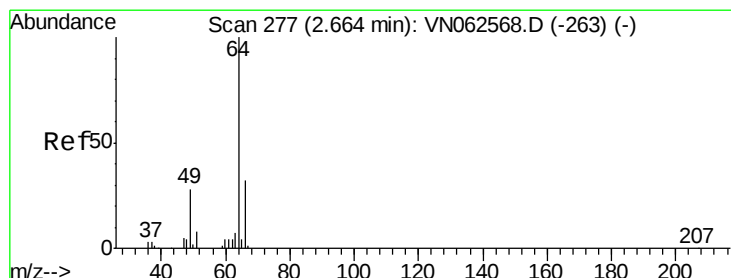
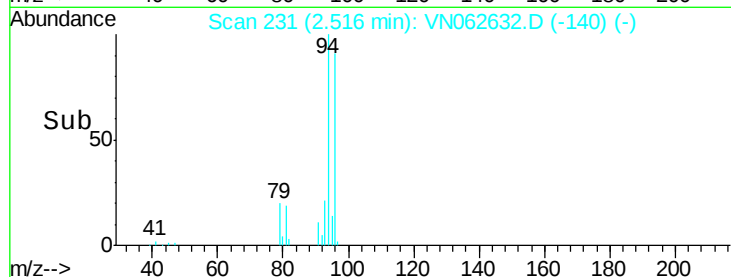
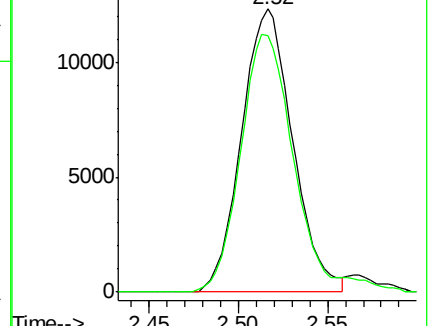
94 100

96 90.7 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.182 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062632.D

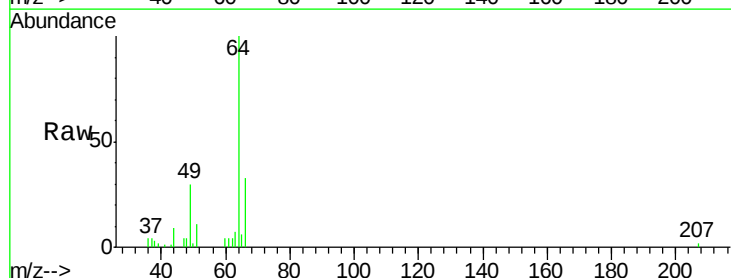
Acq: 28 Jul 2020 14:10

Tgt Ion: 64 Resp: 24211

Ion Ratio Lower Upper

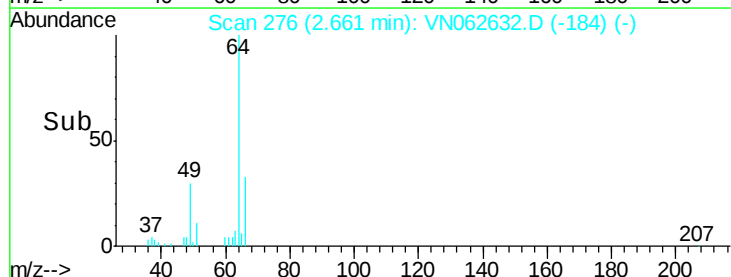
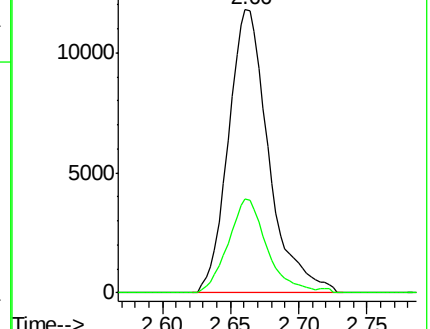
64 100

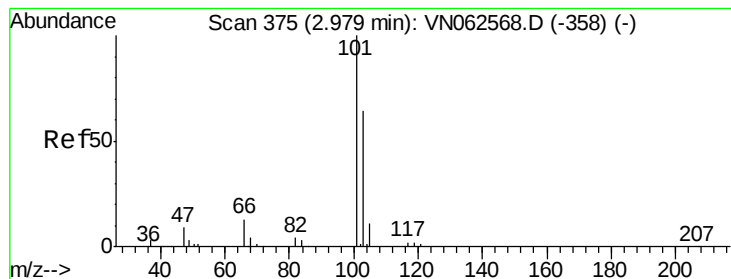
66 33.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



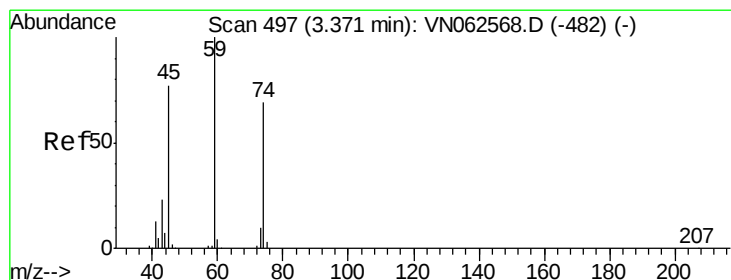
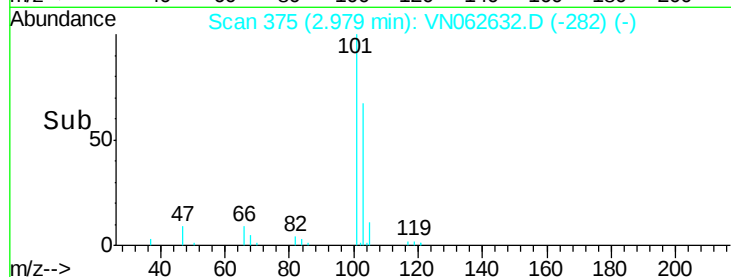
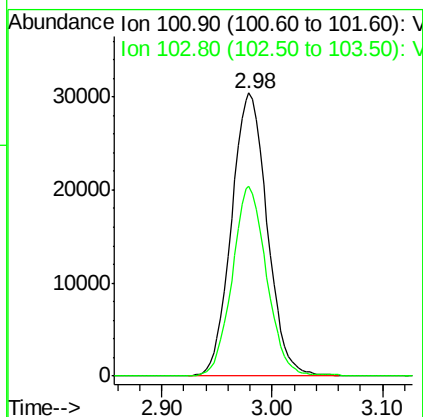
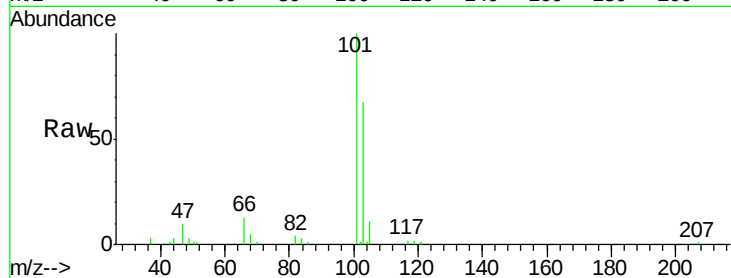


#7

Trichlorofluoromethane
Concen: 23.010 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :

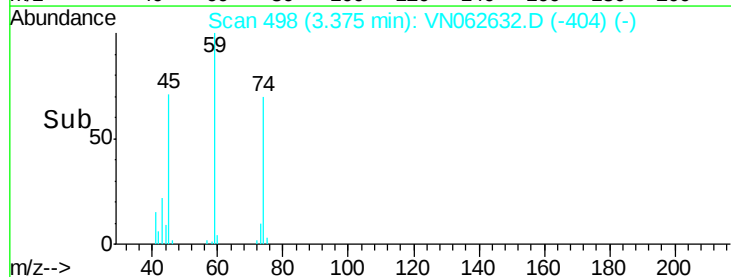
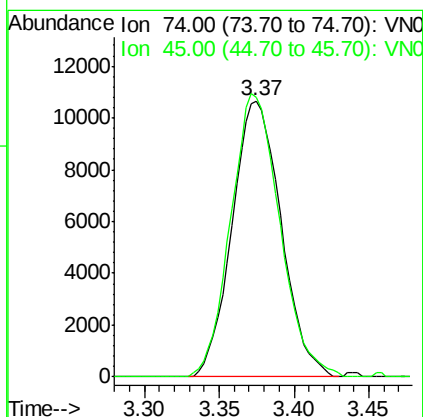
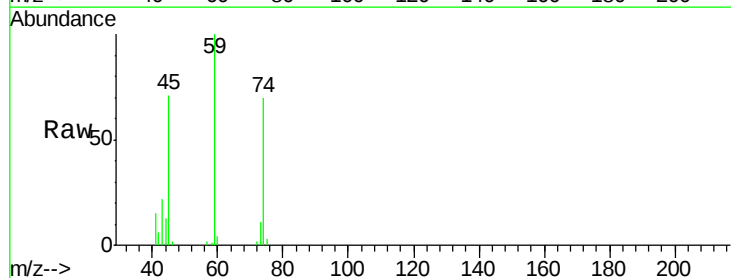
Tot Ion:101 Resp: 68266
Ion Ratio Lower Upper
101 100
103 67.2 51.5 77.3

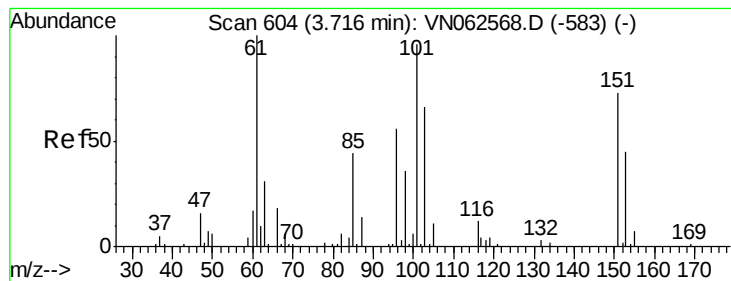


#8

Diethyl Ether
Concen: 17.515 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 74 Resp: 24300
Ion Ratio Lower Upper
74 100
45 102.8 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.670 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

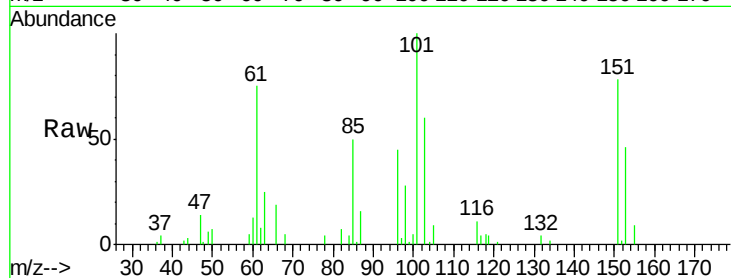
Tot Ion:101 Resp: 35514

Ion Ratio Lower Upper

101 100

85 47.2 36.0 54.0

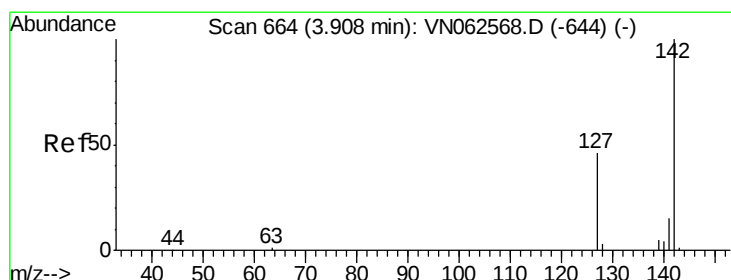
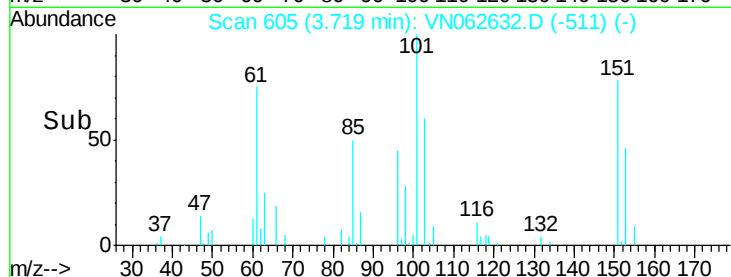
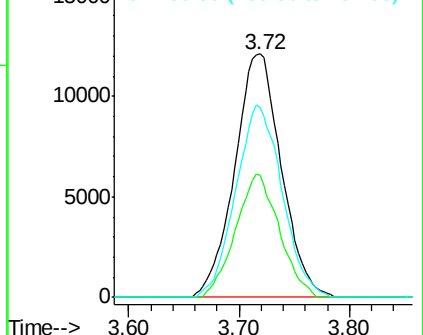
151 78.6 60.0 90.0



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: 16.741 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

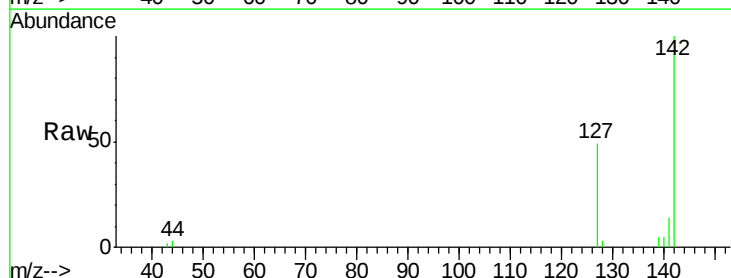
Tgt Ion:142 Resp: 40712

Ion Ratio Lower Upper

142 100

127 49.7 37.4 56.0

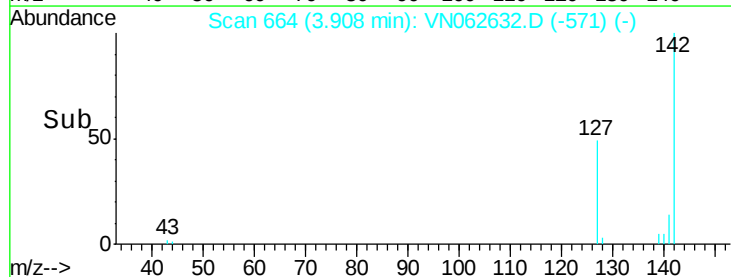
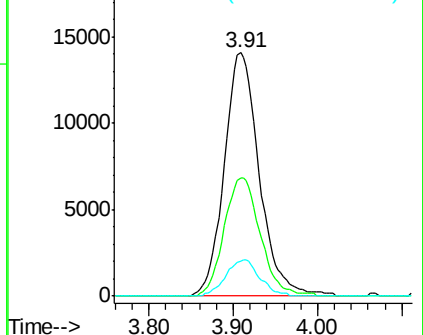
141 14.5 11.9 17.9

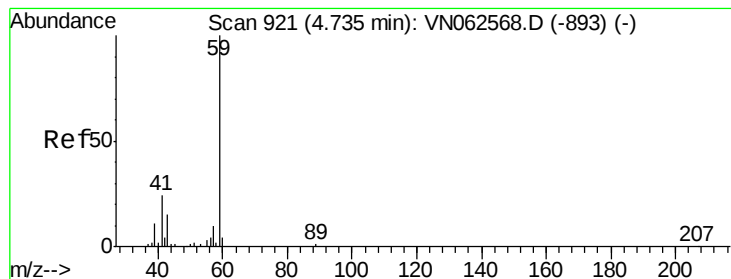


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



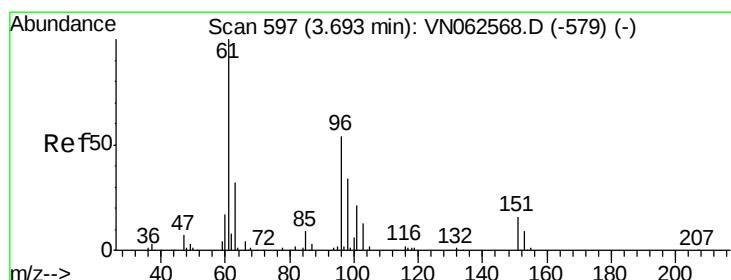
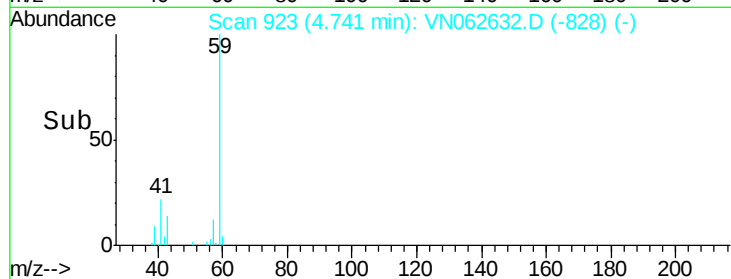
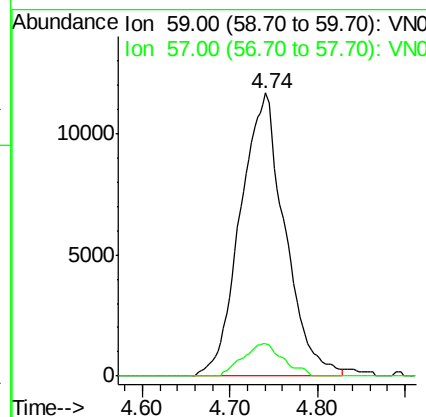
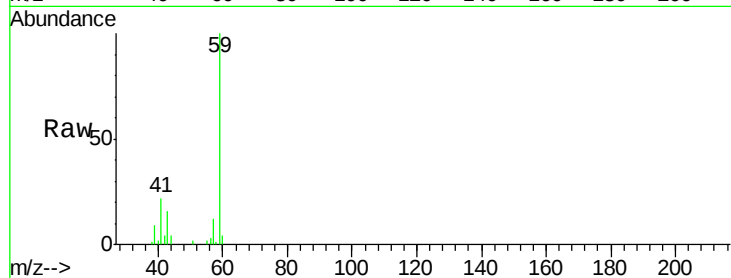


#11

Tert butyl alcohol
Concen: 92.492 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampled :

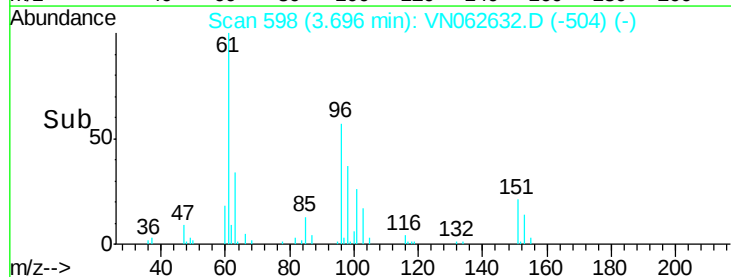
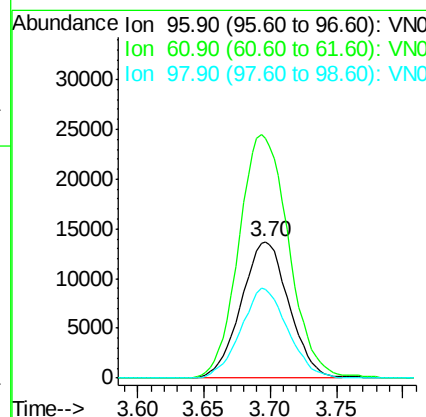
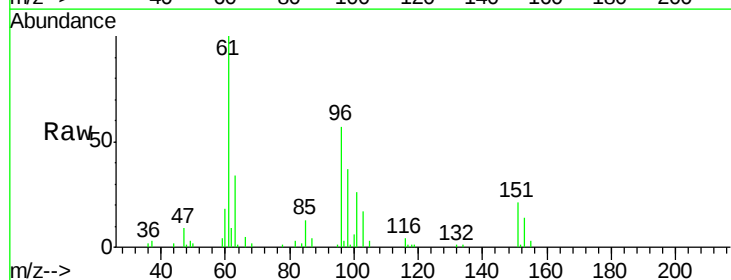
Tot Ion: 59 Resp: 41181
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

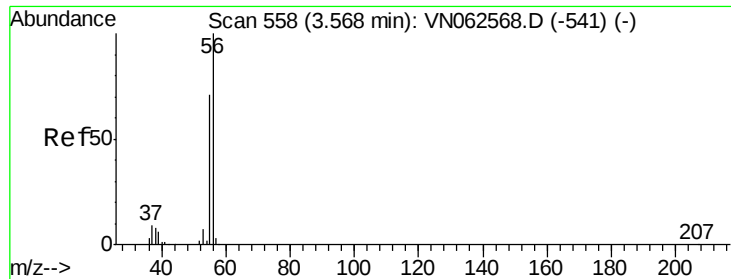


#12

1,1-Dichloroethene
Concen: 17.837 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 96 Resp: 34411
Ion Ratio Lower Upper
96 100
61 175.8 148.6 222.8
98 65.1 50.6 75.8





#13

Acrolein

Concen: 66.064 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

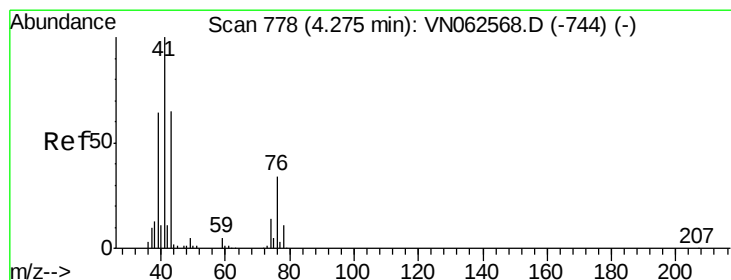
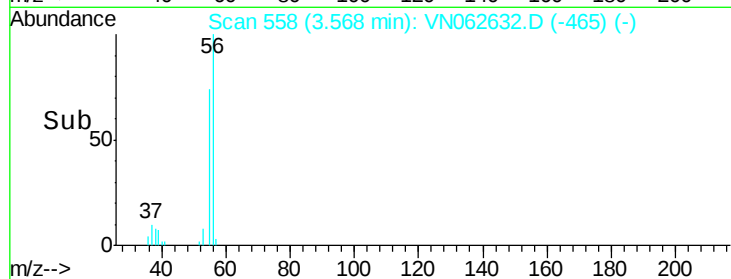
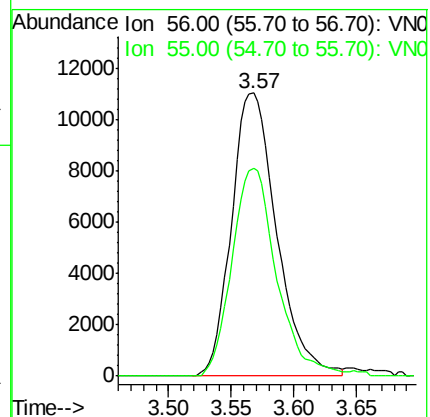
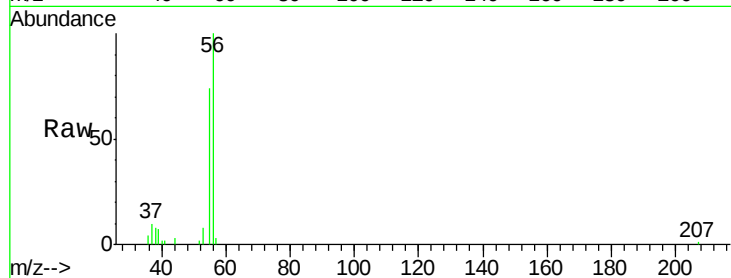
ClientSampleId :

Tot Ion: 56 Resp: 27693

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.4



#14

Allyl chloride

Concen: 16.496 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

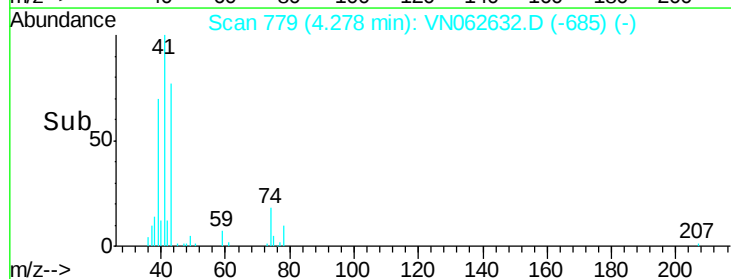
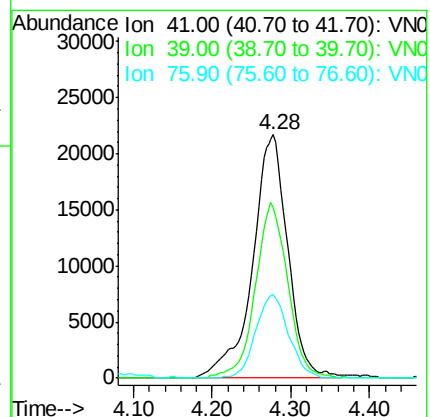
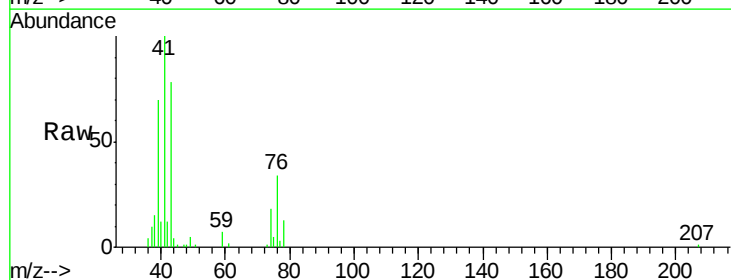
Tgt Ion: 41 Resp: 68837

Ion Ratio Lower Upper

41 100

39 66.3 49.0 73.4

76 31.9 24.0 36.0





#15

Acrylonitrile

Concen: 88.110 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

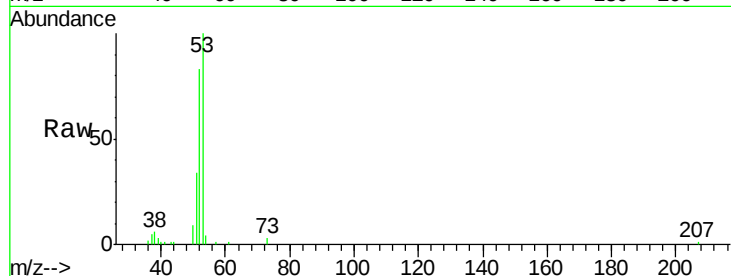
Tot Ion: 53 Resp: 105077

Ion Ratio Lower Upper

53 100

52 83.2 66.3 99.5

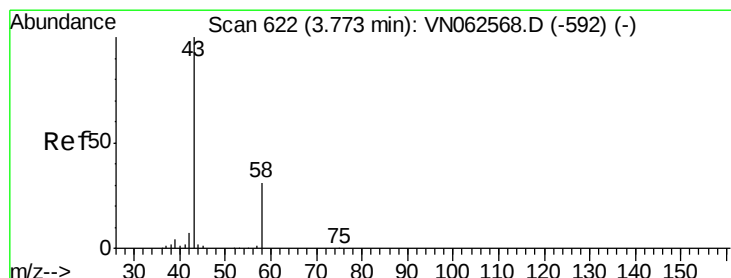
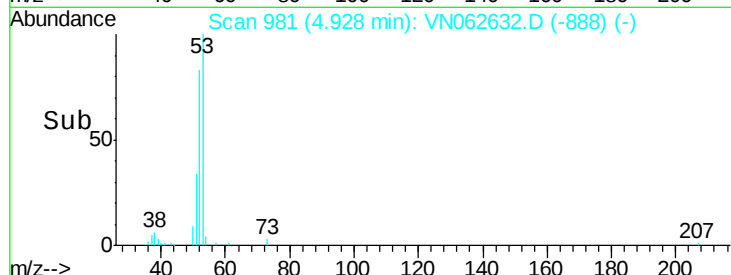
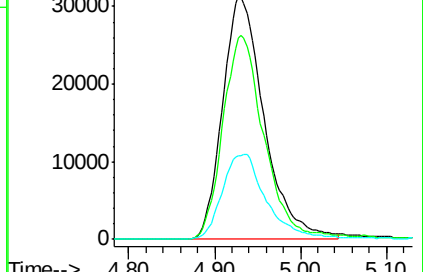
51 37.2 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN062632.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN062632.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN062632.D (-888) (-)



#16

Acetone

Concen: 100.981 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062632.D

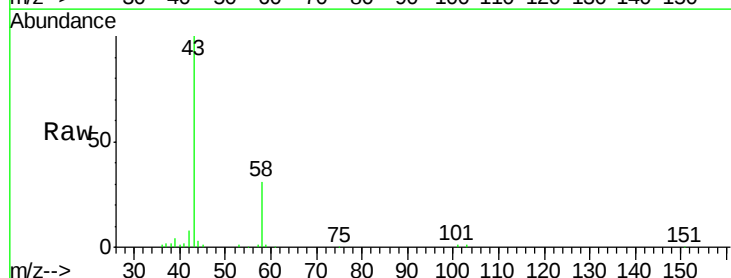
Acq: 28 Jul 2020 14:10

Tgt Ion: 43 Resp: 106356

Ion Ratio Lower Upper

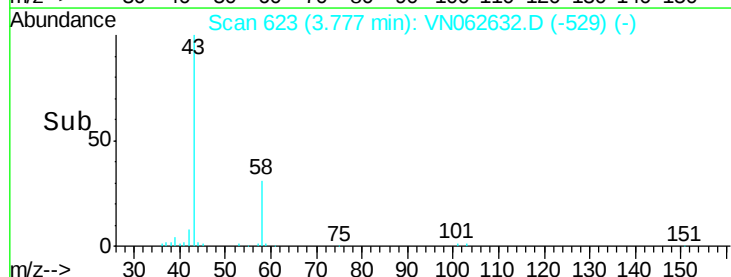
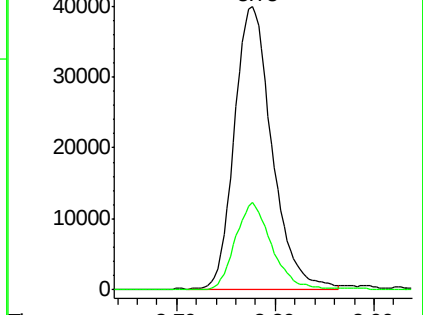
43 100

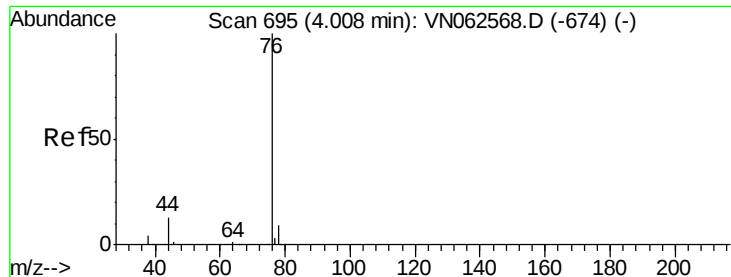
58 30.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062632.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062632.D (-529) (-)

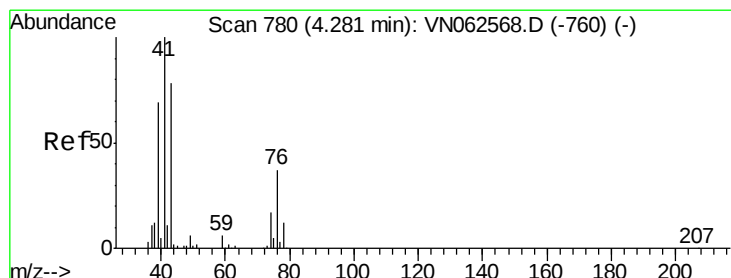
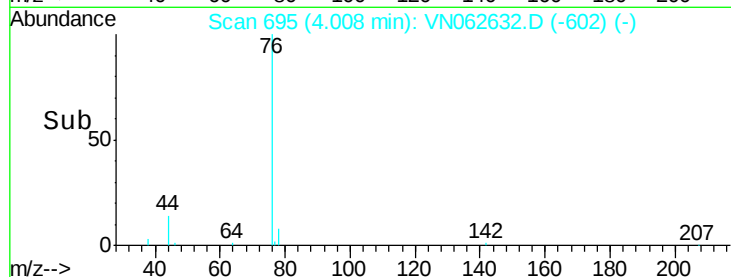
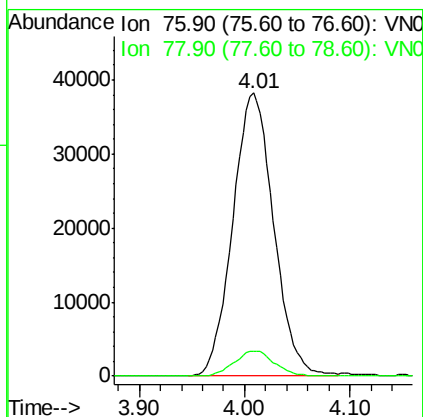
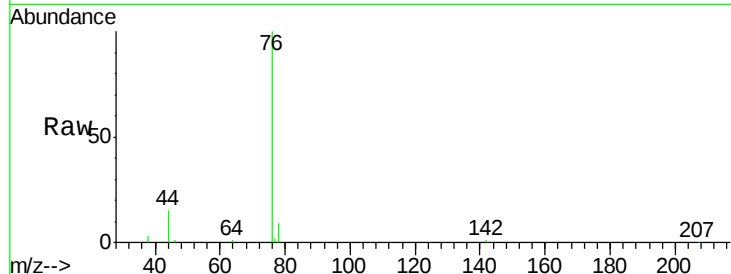




#17
Carbon Disulfide
Concen: 16.236 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

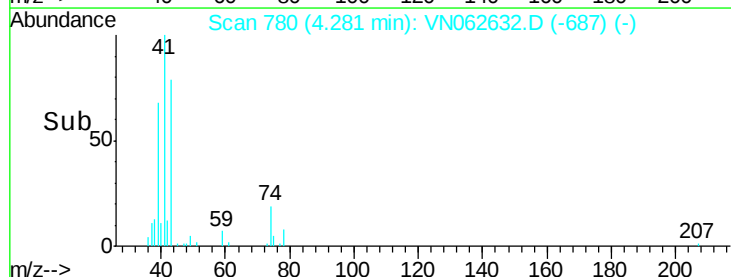
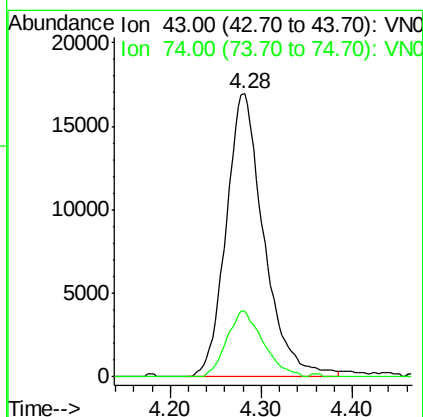
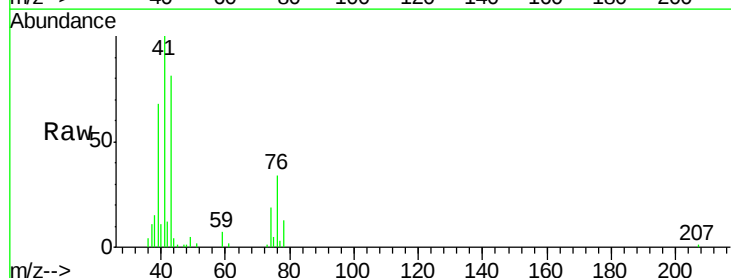
Instrument :
MSVOA_N
ClientSampled :

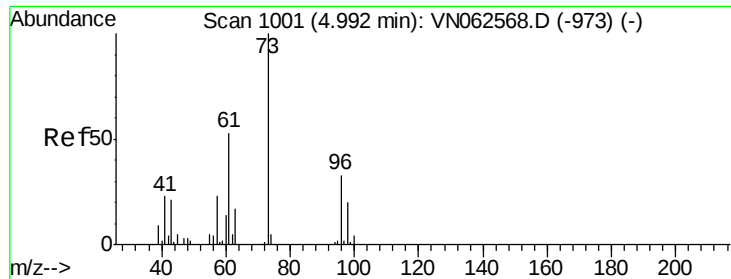
Tot Ion: 76 Resp: 102911
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 18.349 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 43 Resp: 48925
Ion Ratio Lower Upper
43 100
74 22.4 16.6 24.8



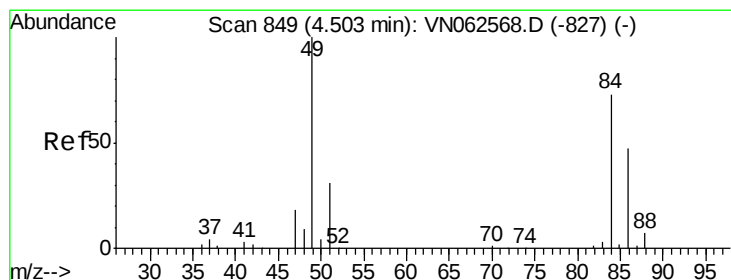
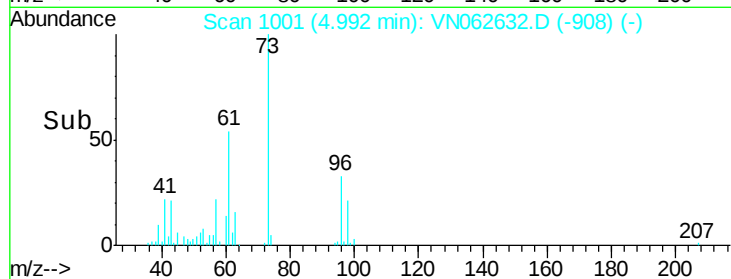
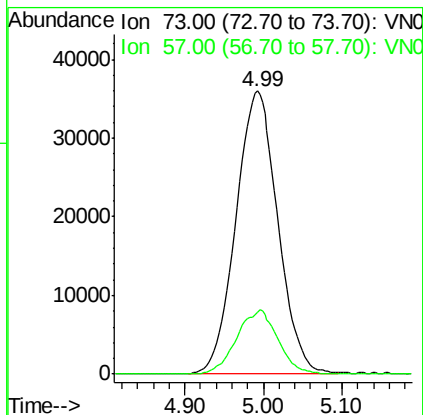
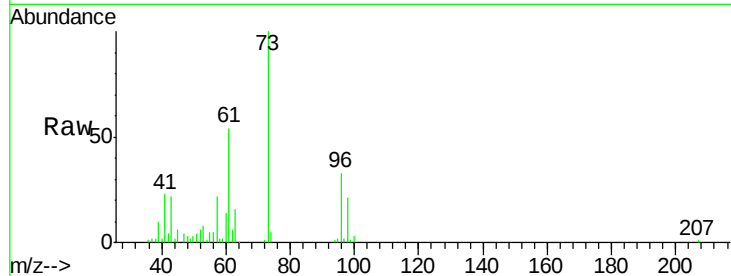


#19

Methyl tert-butyl Ether
 Concen: 18.931 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampleId :

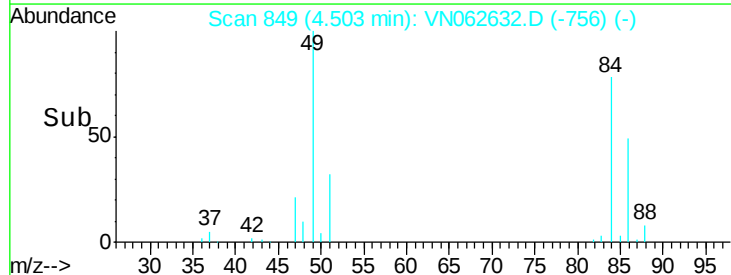
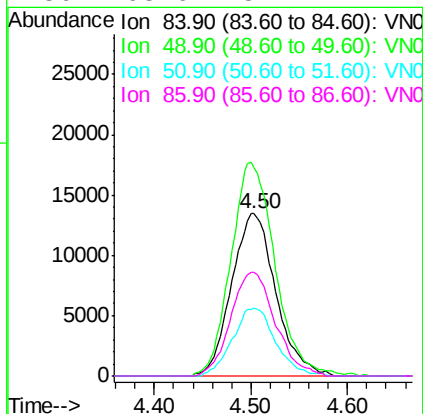
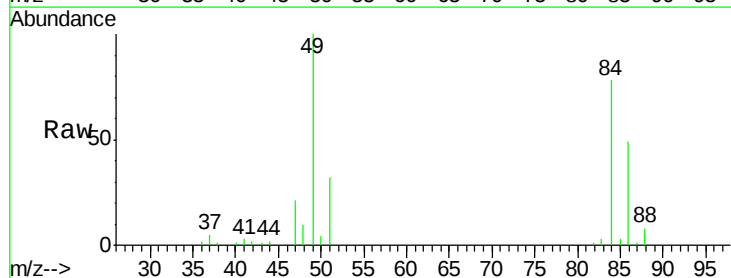
Tot Ion: 73 Resp: 134419
 Ion Ratio Lower Upper
 73 100
 57 22.1 18.6 27.8

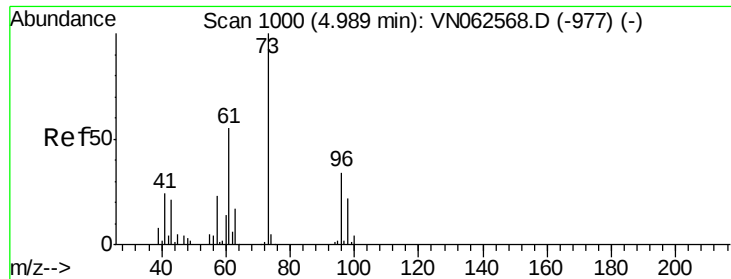


#20

Methylene Chloride
 Concen: 16.905 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion: 84 Resp: 42704
 Ion Ratio Lower Upper
 84 100
 49 128.7 109.4 164.0
 51 41.5 33.6 50.4
 86 63.6 51.4 77.2



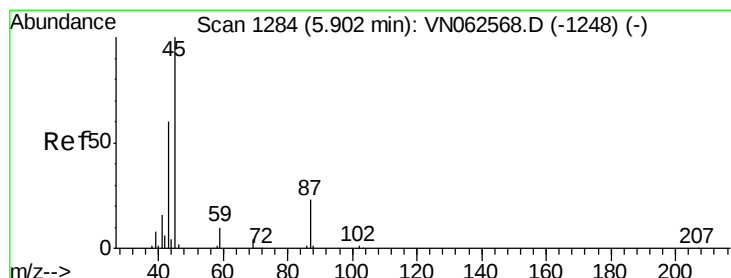
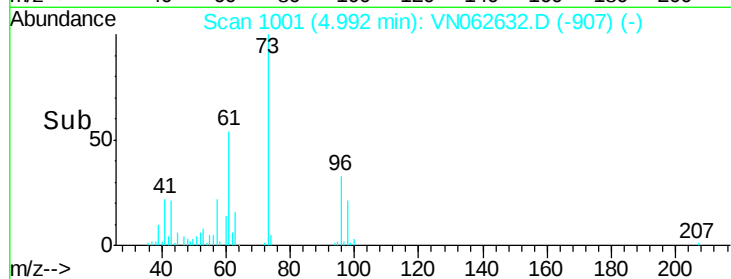
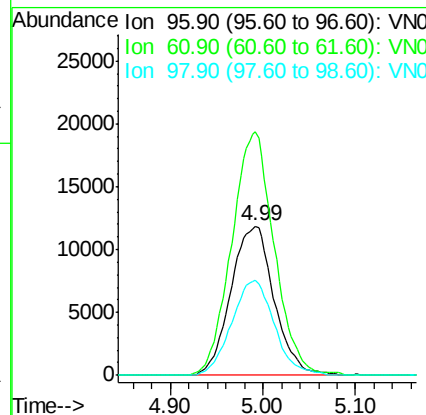
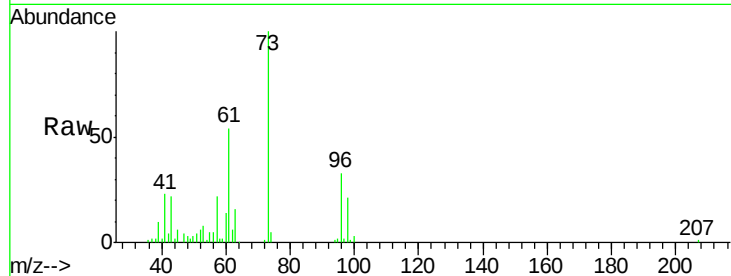


#21

trans-1,2-Dichloroethene
Concen: 17.935 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :

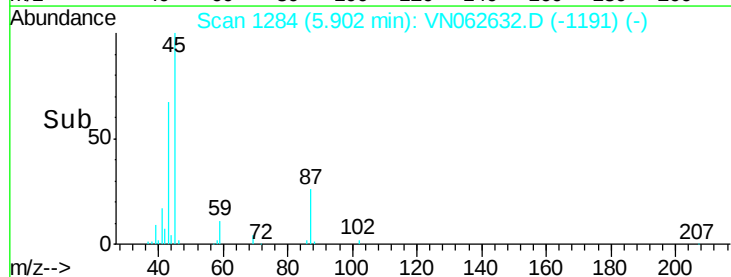
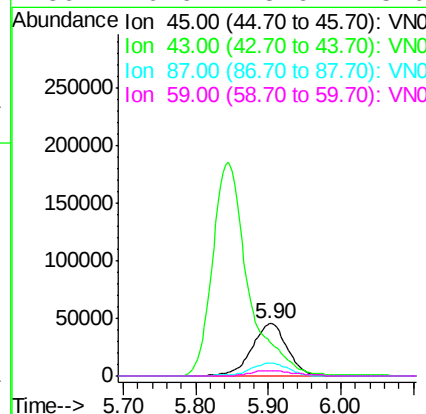
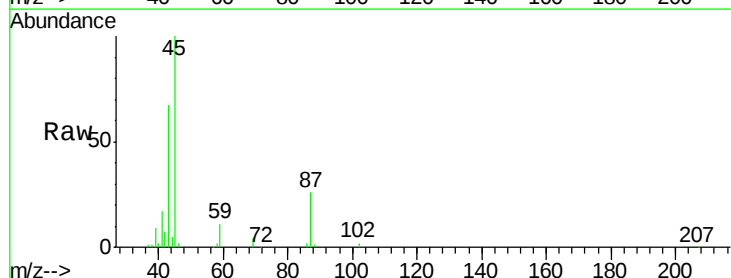
Tot Ion: 96 Resp: 38402
Ion Ratio Lower Upper
96 100
61 161.5 128.6 192.8
98 63.2 50.6 76.0

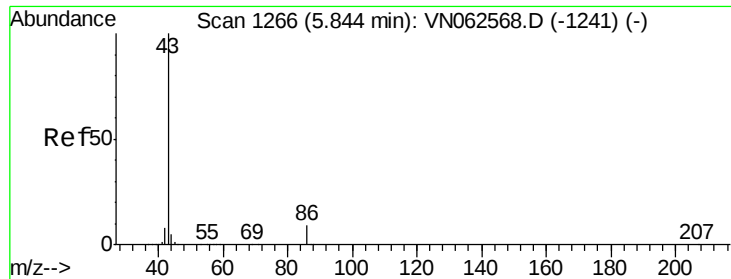


#22

Diisopropyl ether
Concen: 18.639 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 45 Resp: 154602
Ion Ratio Lower Upper
45 100
43 65.0 48.7 73.1
87 25.6 19.0 28.6
59 10.6 8.6 13.0





#23

Vinyl Acetate

Concen: 93.137 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

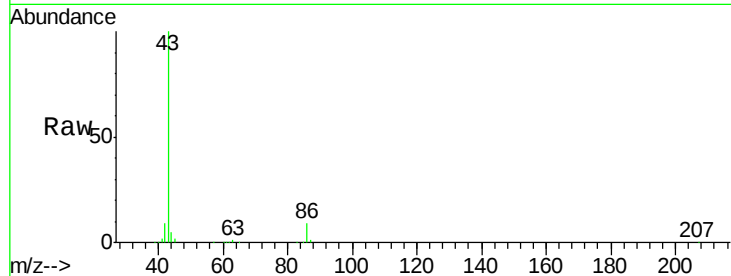
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 633008

Ion Ratio Lower Upper

43 100

86 9.5 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

200000

150000

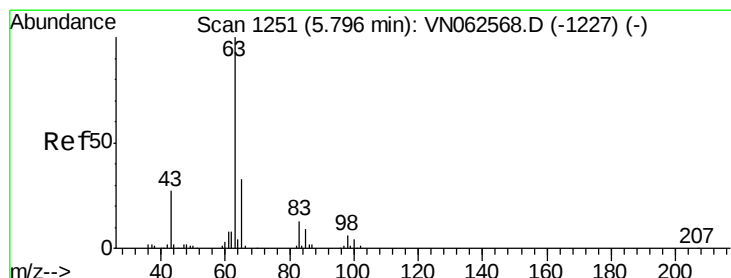
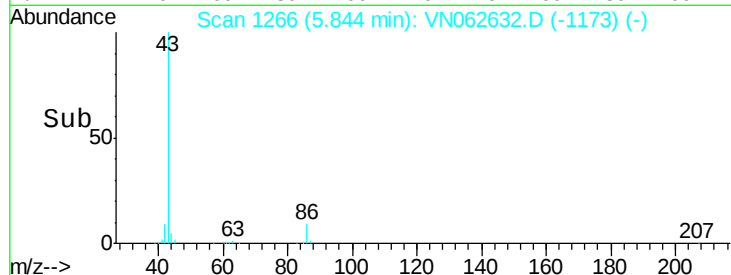
100000

50000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 19.233 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

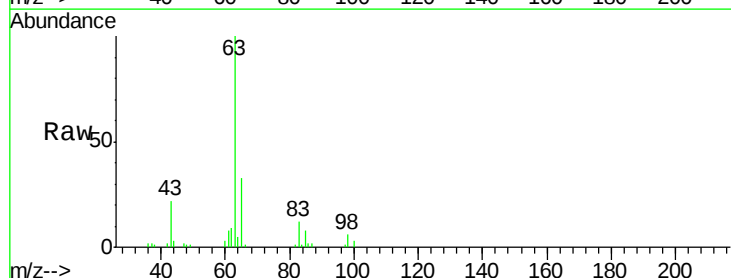
Tgt Ion: 63 Resp: 85906

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 3.3 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

30000

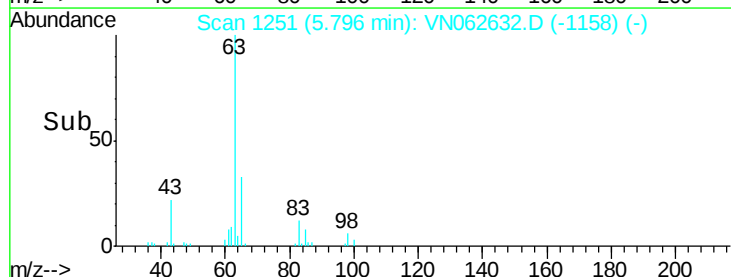
20000

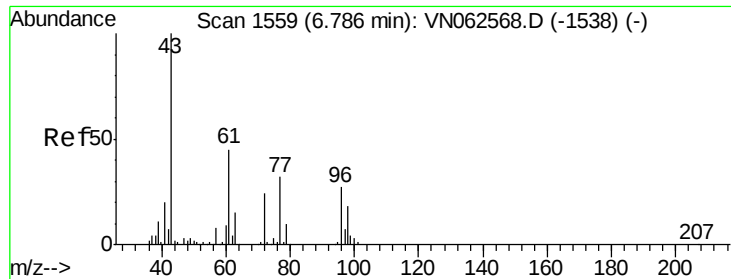
10000

0

Time-->

5.70 5.80 5.90

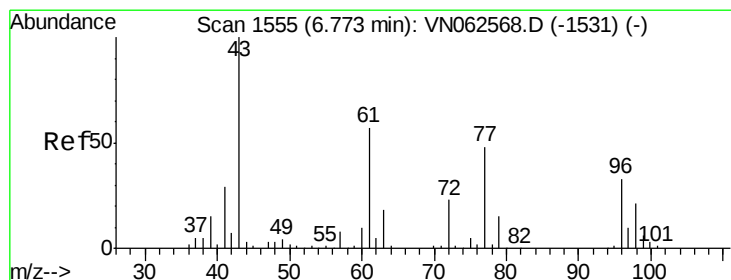
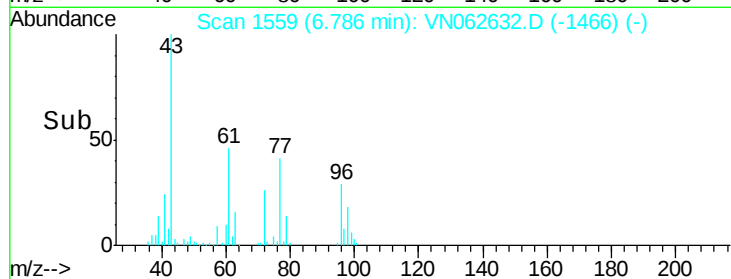
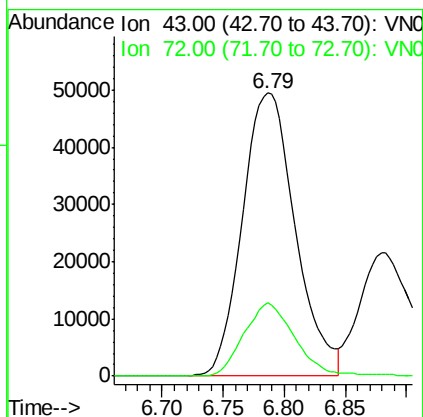
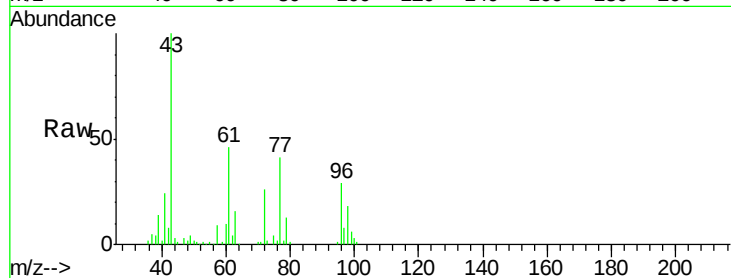




#25
 2-Butanone
 Concen: 92.875 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

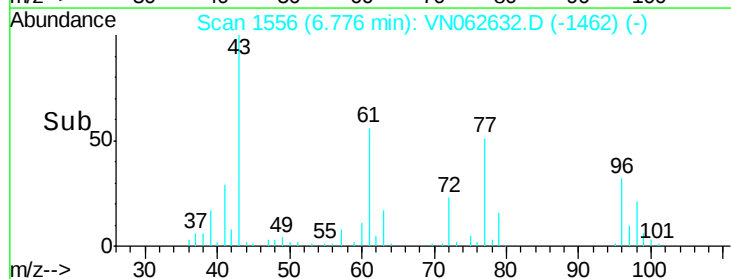
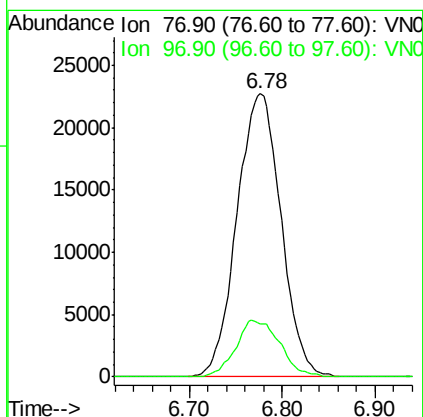
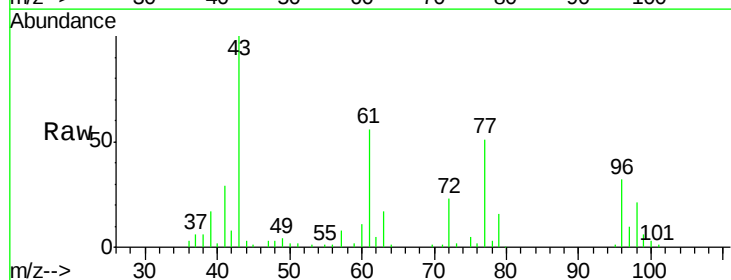
Instrument :
 MSVOA_N
 ClientSampled :

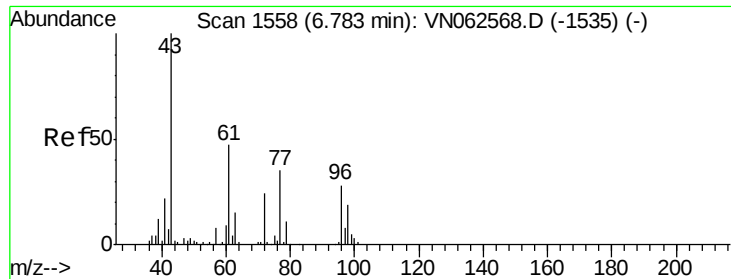
Tot Ion: 43 Resp: 148975
 Ion Ratio Lower Upper
 43 100
 72 25.9 19.0 28.6



#26
 2,2-Dichloropropane
 Concen: 20.404 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion: 77 Resp: 74815
 Ion Ratio Lower Upper
 77 100
 97 20.0 10.8 32.4

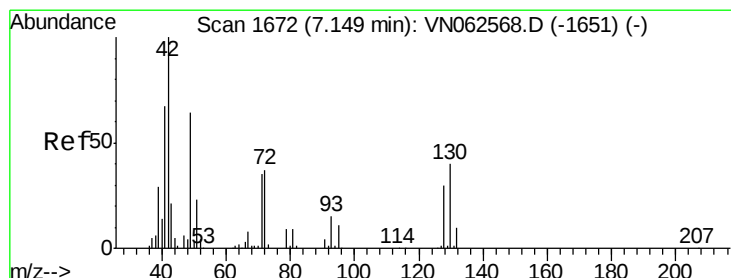
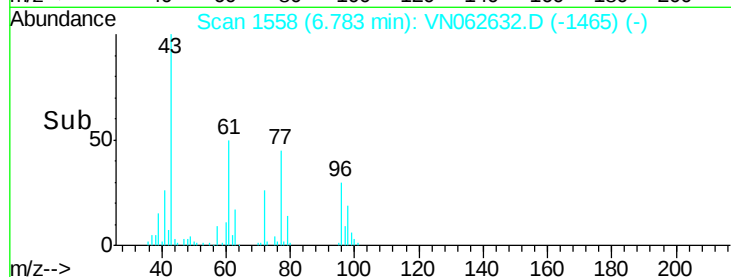
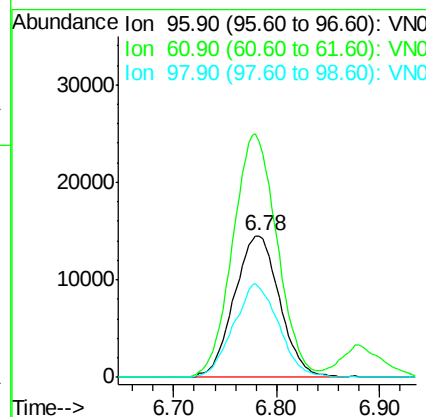
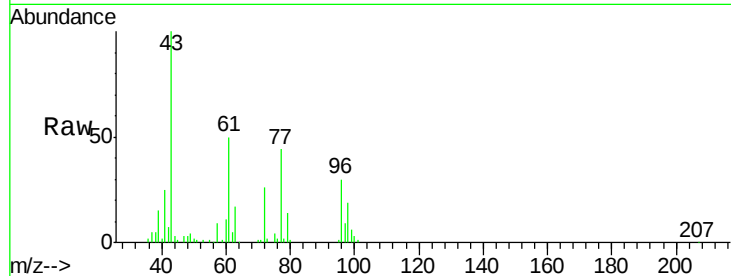




#27
 cis-1,2-Dichloroethene
 Concen: 18.158 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

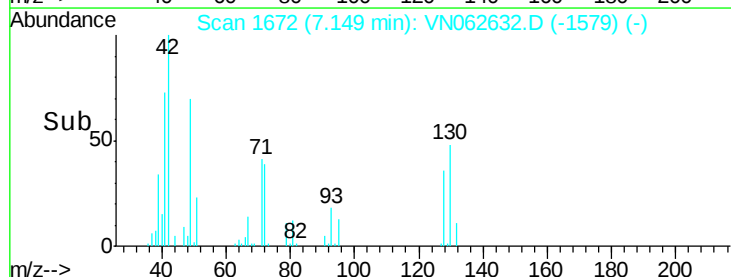
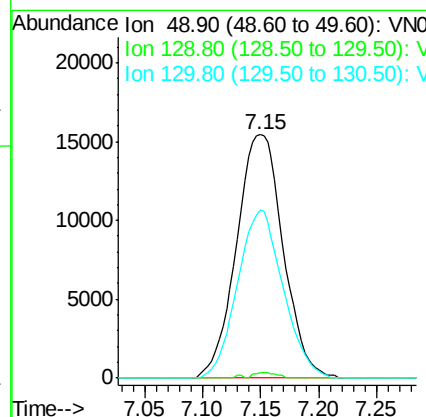
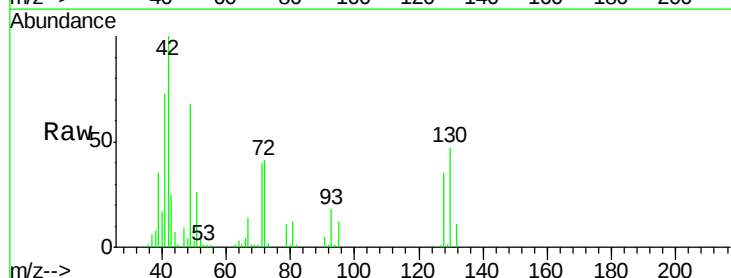
Instrument :
 MSVOA_N
 ClientSampled :

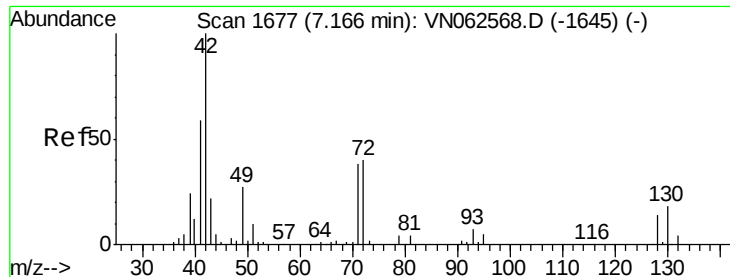
Tot Ion: 96 Resp: 44363
 Ion Ratio Lower Upper
 96 100
 61 168.2 0.0 332.4
 98 65.9 0.0 127.4



#28
 Bromochloromethane
 Concen: 19.688 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion: 49 Resp: 43279
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.4
 130 67.3 49.8 74.8





#29

Tetrahydrofuran

Concen: 94.065 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

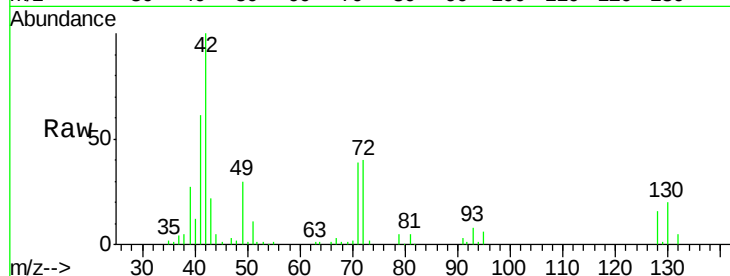
Tot Ion: 42 Resp: 102096

Ion Ratio Lower Upper

42 100

72 40.9 30.7 46.1

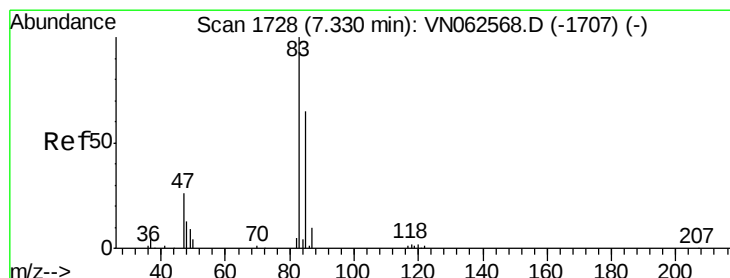
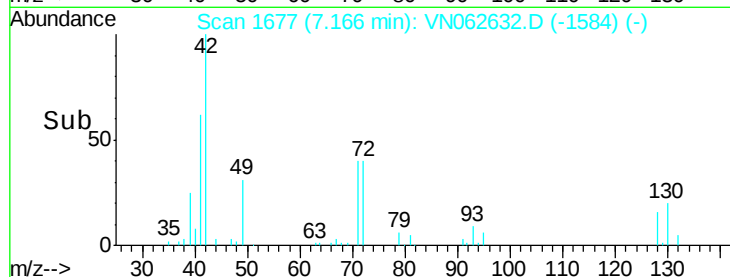
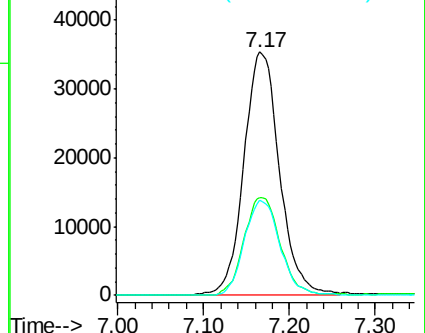
71 38.9 29.1 43.7



Abundance Ion 42.00 (41.70 to 42.70): VN062632.D (-1645) (-)

Ion 72.00 (71.70 to 72.70): VN062632.D (-1645) (-)

Ion 71.00 (70.70 to 71.70): VN062632.D (-1645) (-)



#30

Chloroform

Concen: 19.260 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN062632.D

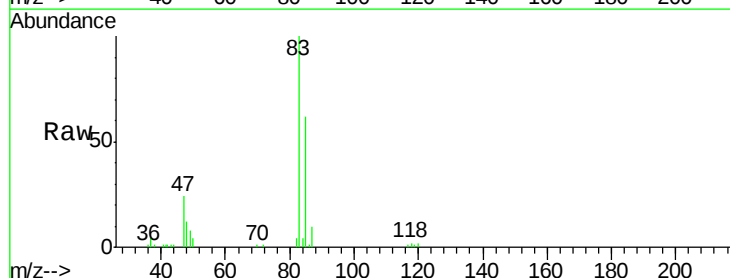
Acq: 28 Jul 2020 14:10

Tgt Ion: 83 Resp: 81794

Ion Ratio Lower Upper

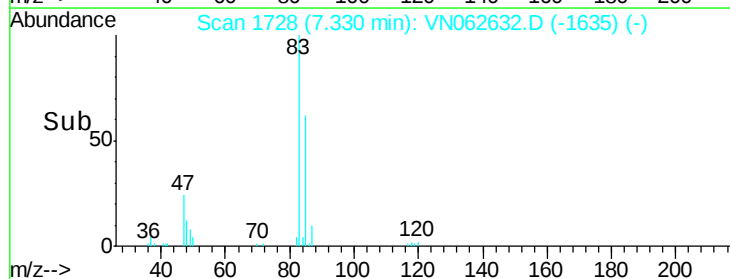
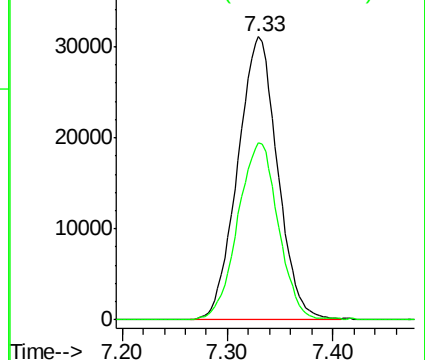
83 100

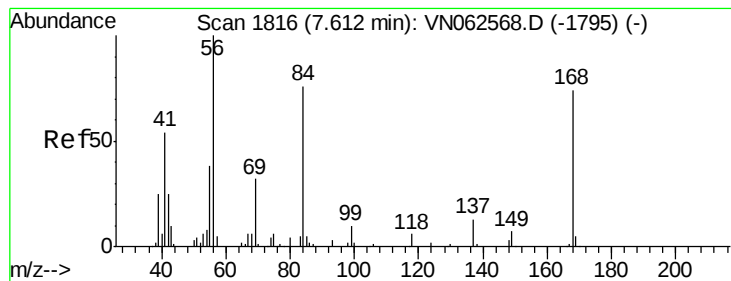
85 62.5 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN062632.D (-1635) (-)

Ion 84.90 (84.60 to 85.60): VN062632.D (-1635) (-)





#31

Cyclohexane

Concen: 17.949 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampled :

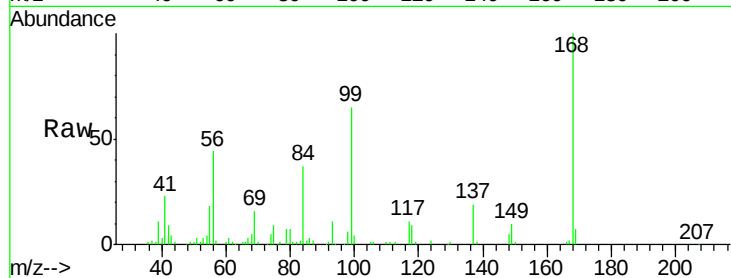
Tot Ion: 56 Resp: 74023

Ion Ratio Lower Upper

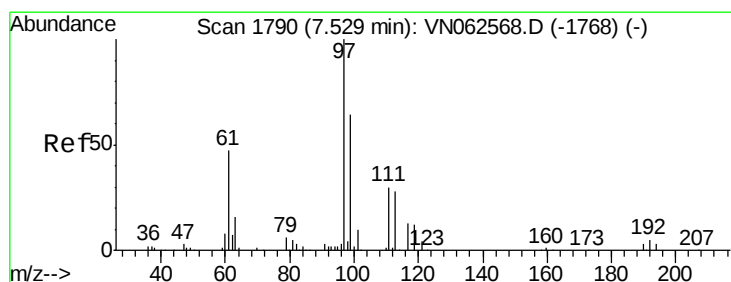
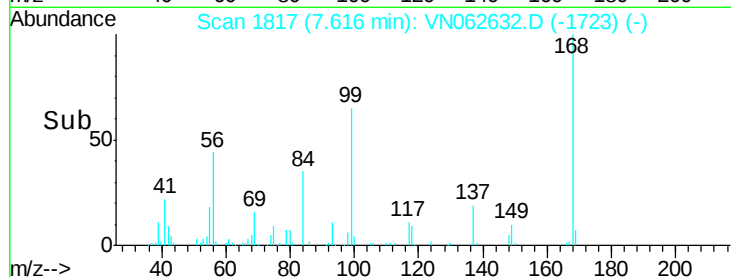
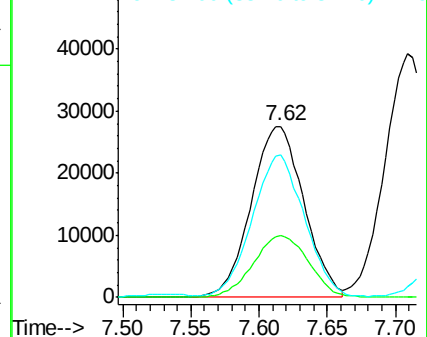
56 100

69 36.5 25.3 37.9

84 82.0 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 21.076 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

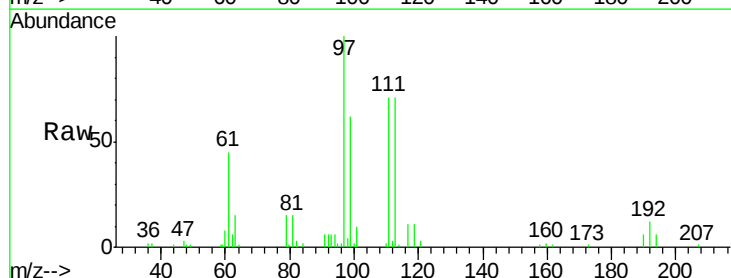
Tgt Ion: 97 Resp: 74730

Ion Ratio Lower Upper

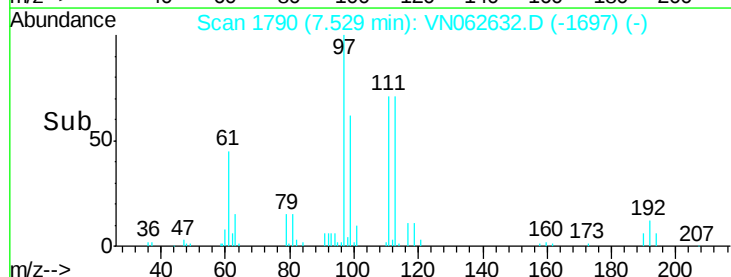
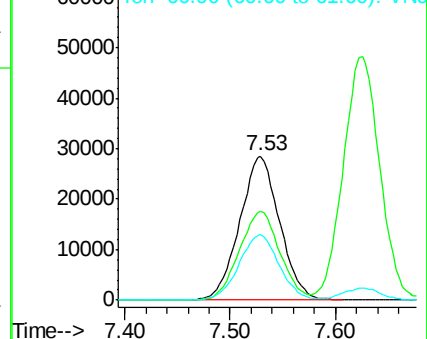
97 100

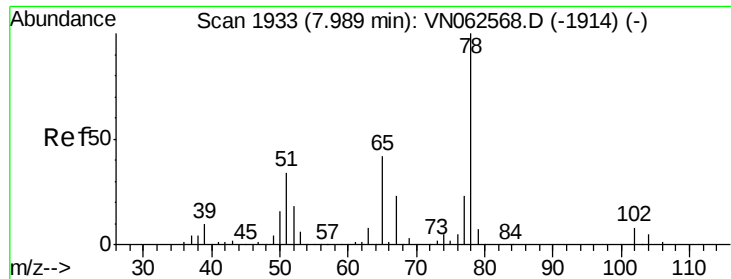
99 63.2 51.2 76.8

61 45.9 38.4 57.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.705 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

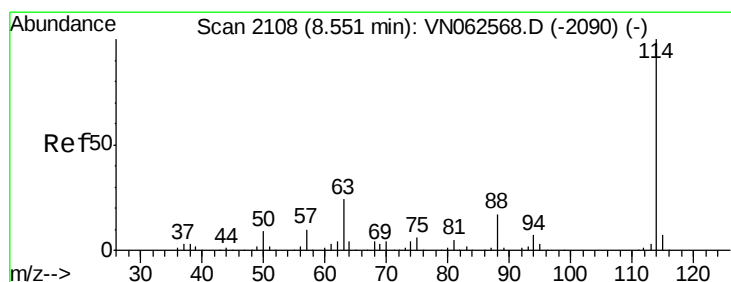
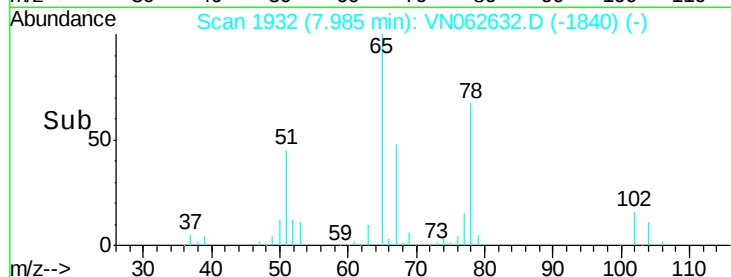
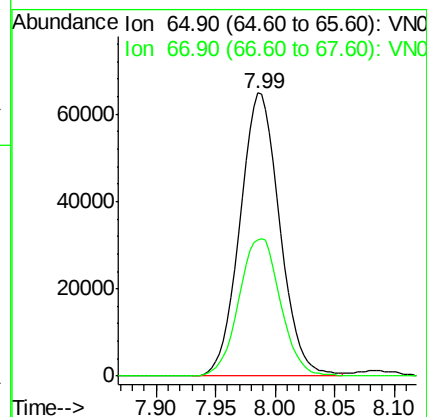
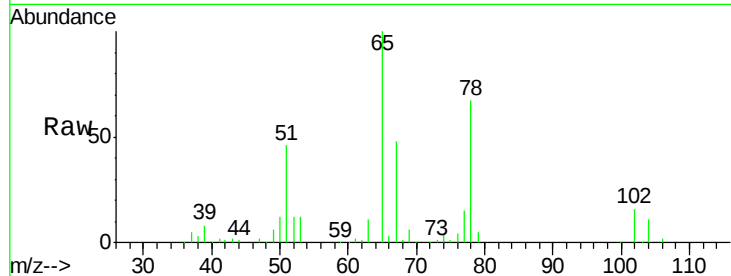
ClientSampleId :

Tot Ion: 65 Resp: 150312

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

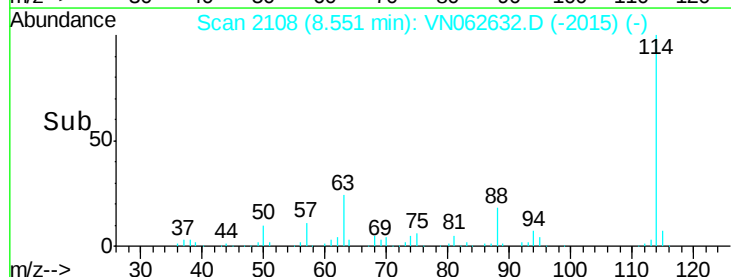
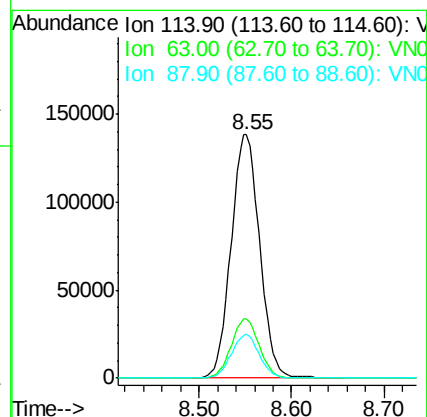
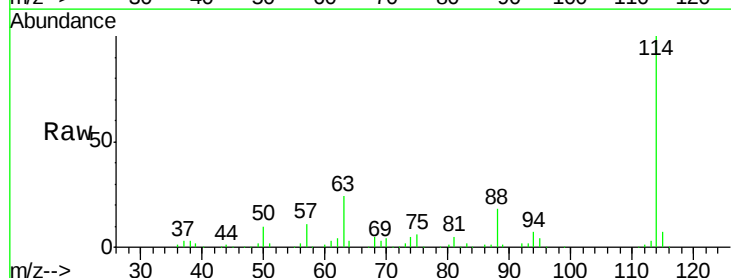
Tgt Ion: 114 Resp: 294773

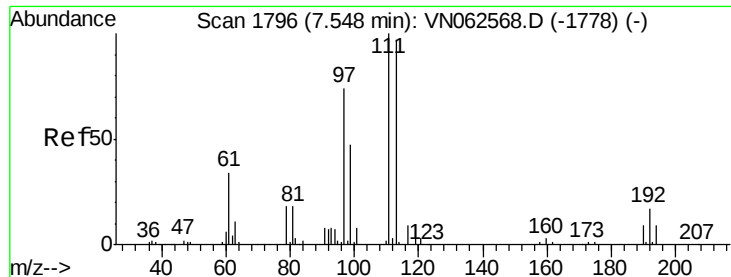
Ion Ratio Lower Upper

114 100

63 24.2 0.0 48.4

88 17.8 0.0 33.8

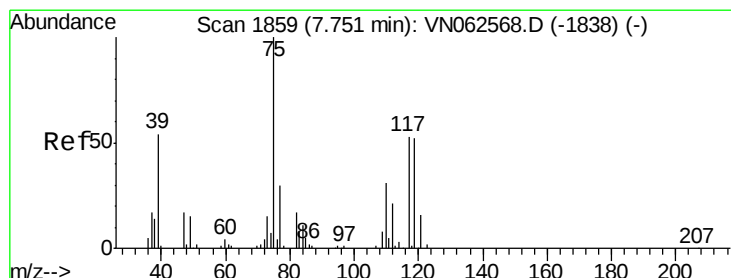
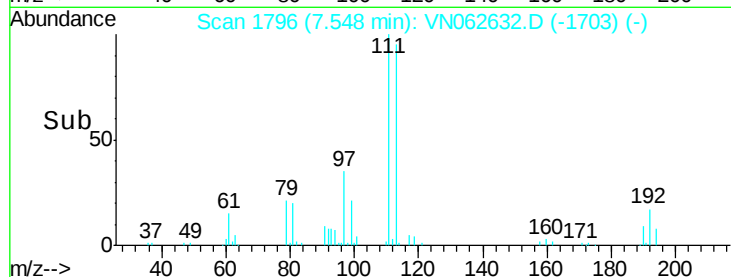
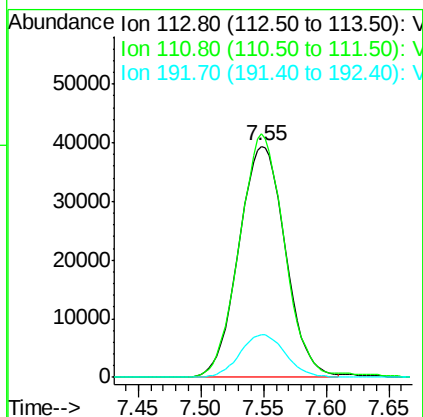
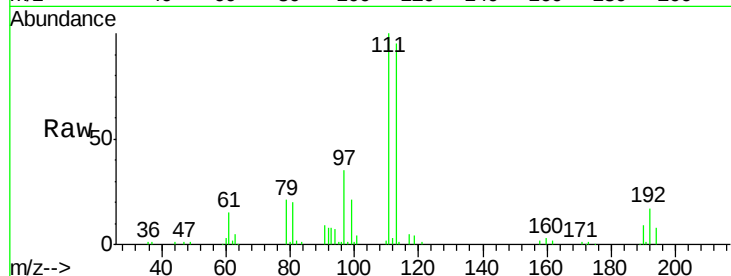




#35
 Dibromofluoromethane
 Concen: 52.698 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

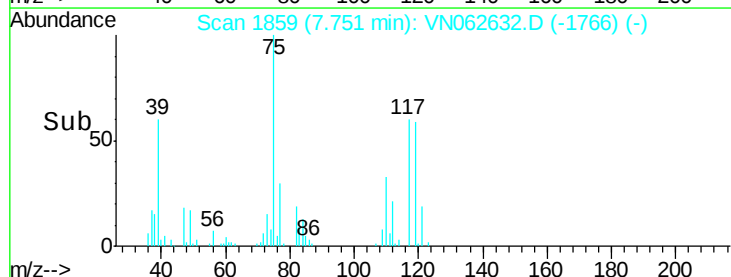
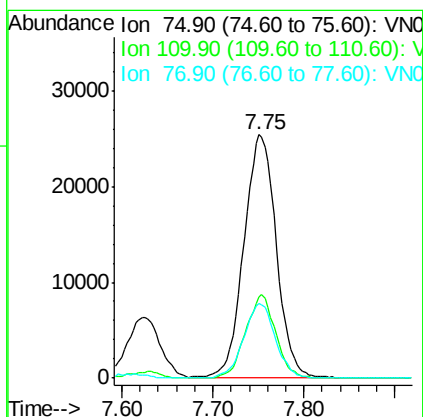
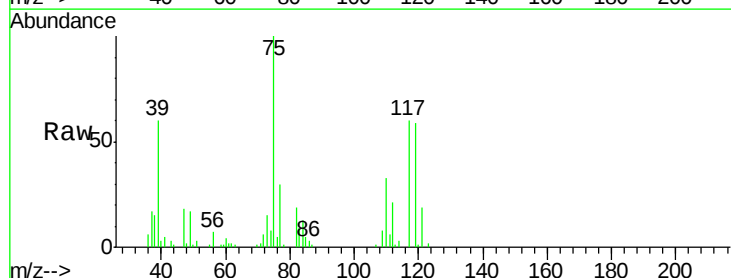
Instrument :
 MSVOA_N
 ClientSampleId :

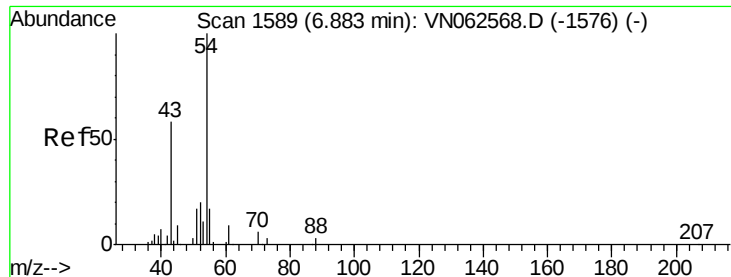
Tot Ion:113 Resp: 102035
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.7 124.1
 192 18.0 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 20.074 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion: 75 Resp: 63073
 Ion Ratio Lower Upper
 75 100
 110 31.6 16.0 48.0
 77 29.6 24.6 36.8

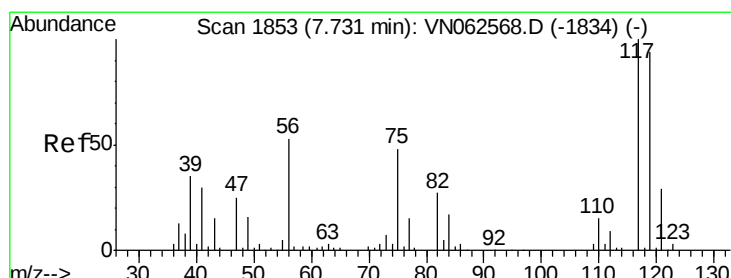
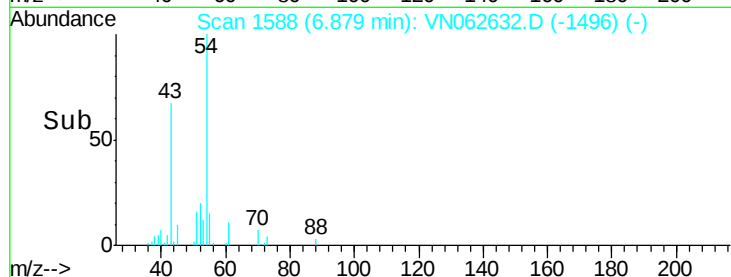
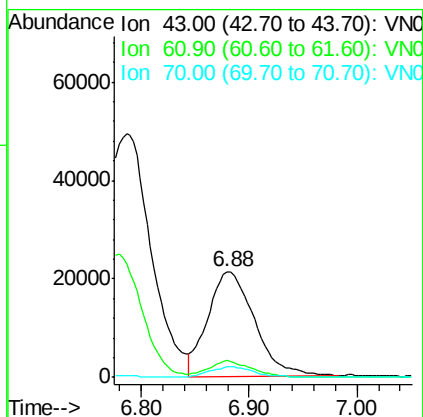
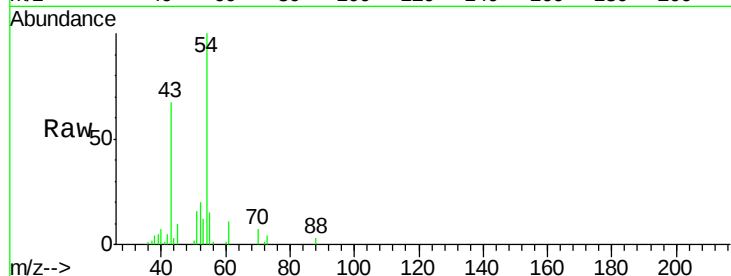




#37
Ethyl Acetate
Concen: 18.944 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

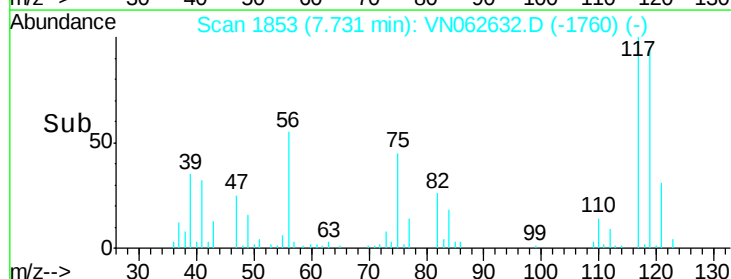
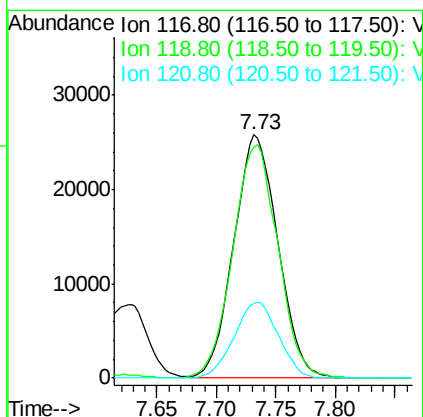
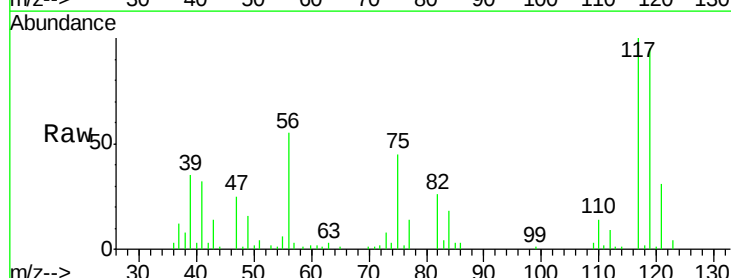
Instrument :
MSVOA_N
ClientSampled :

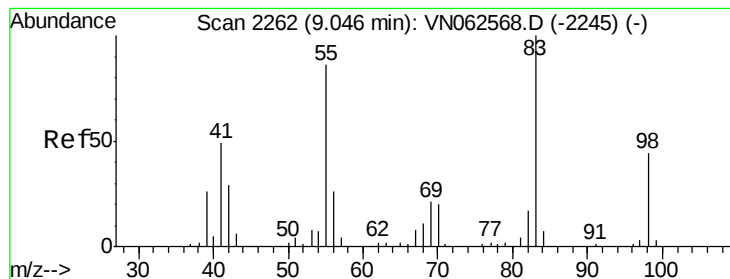
Tot Ion: 43 Resp: 64160
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 22.004 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 117 Resp: 66455
Ion Ratio Lower Upper
117 100
119 94.4 74.8 112.2
121 30.8 23.0 34.6





#39

Methvlcvclohexane

Concen: 19.363 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

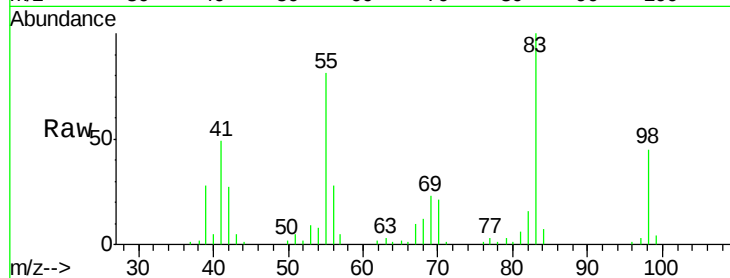
Tot Ion: 83 Resp: 65489

Ion Ratio Lower Upper

83 100

55 80.6 68.9 103.3

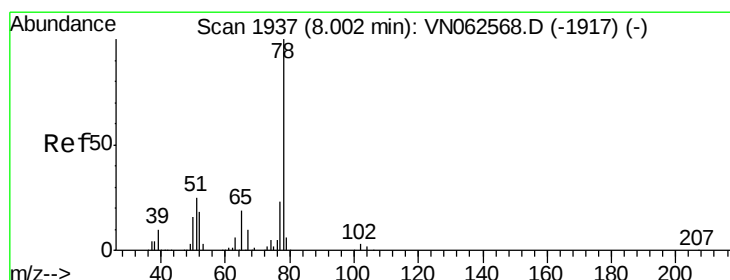
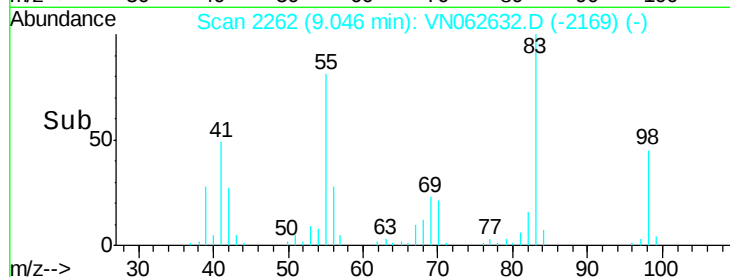
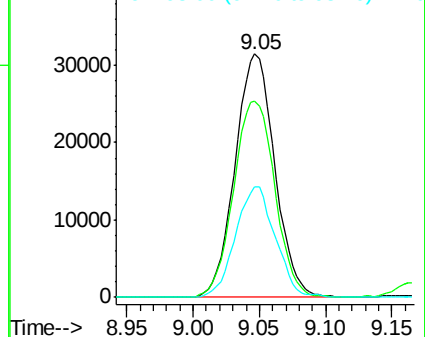
98 45.2 35.1 52.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 18.740 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN062632.D

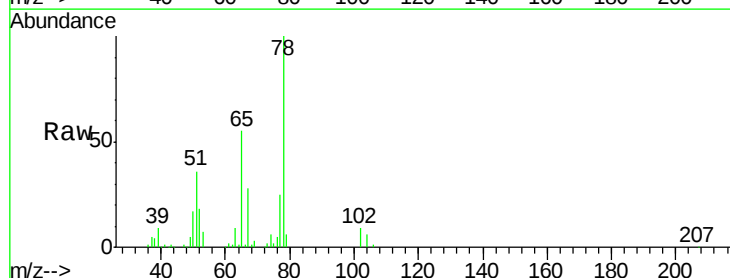
Acq: 28 Jul 2020 14:10

Tgt Ion: 78 Resp: 178263

Ion Ratio Lower Upper

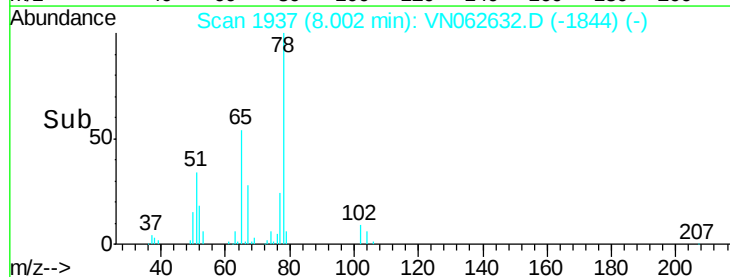
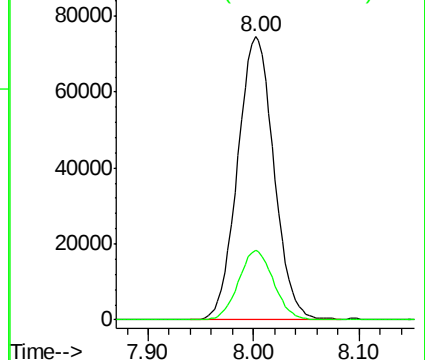
78 100

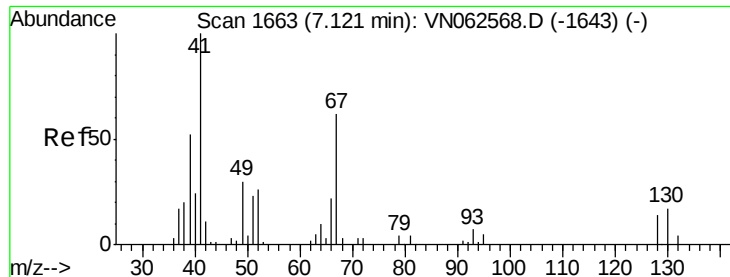
77 24.6 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

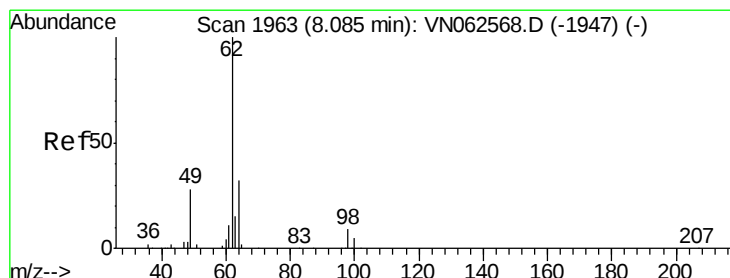
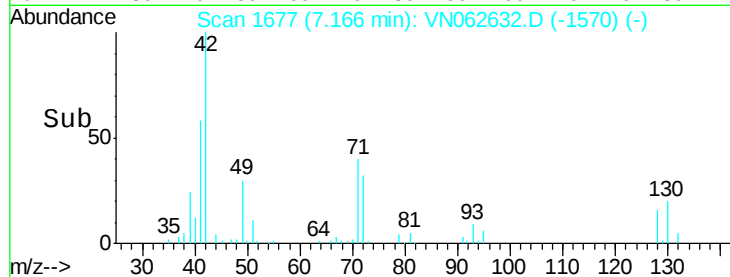
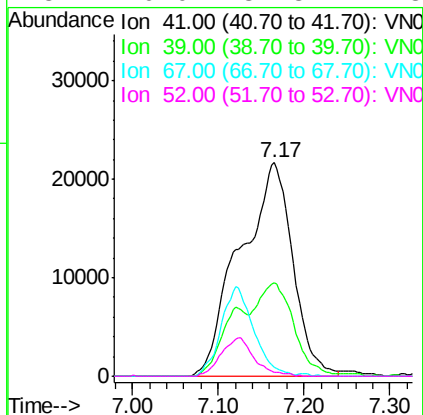
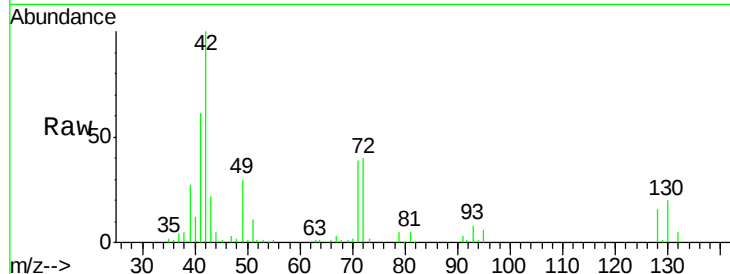




#41
Methacrylonitrile
Concen: 63.629 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.05 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

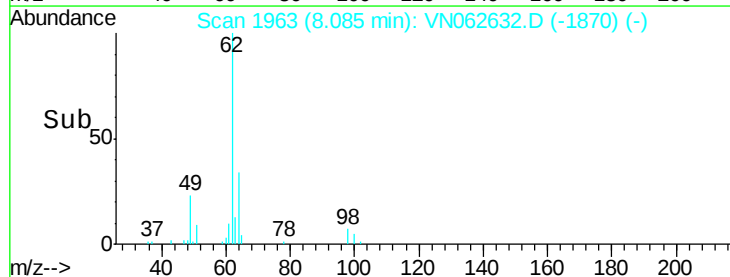
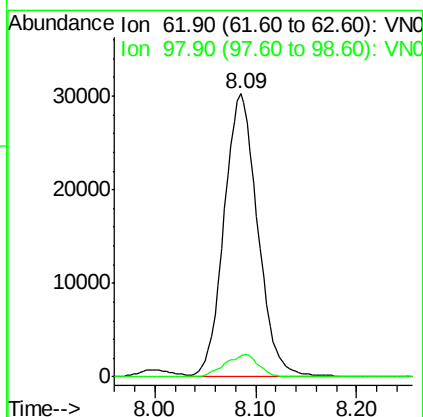
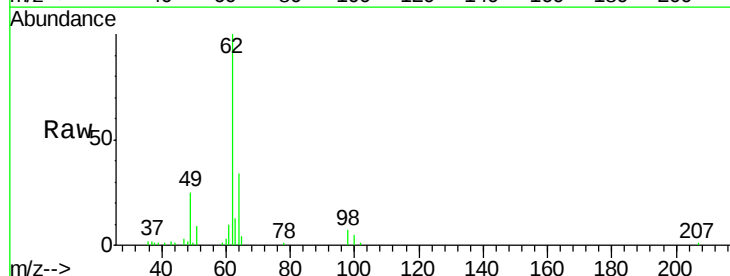
Instrument :
MSVOA_N
ClientSampled :

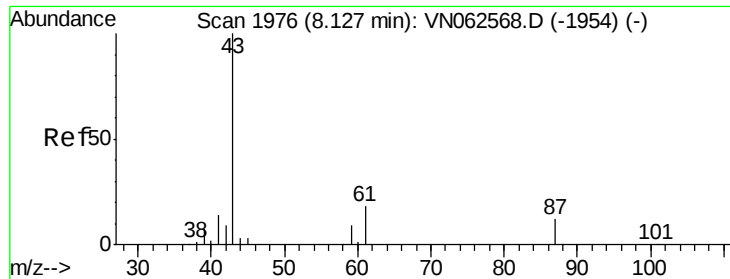
Tot Ion: 41 Resp: 92361
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 72.5 108.7#
52 0.0 31.8 47.8#



#42
1,2-Dichloroethane
Concen: 20.227 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 62 Resp: 70340
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.2





#43

Isopropyl Acetate

Concen: 18.133 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

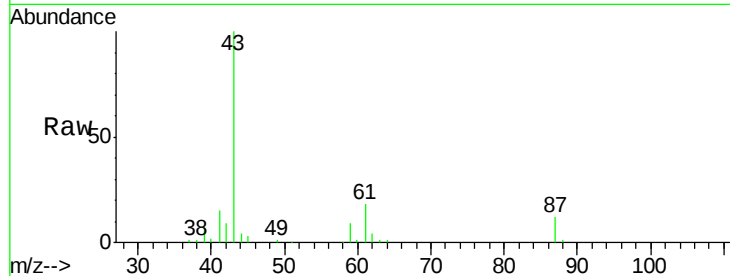
Tot Ion: 43 Resp: 99006

Ion Ratio Lower Upper

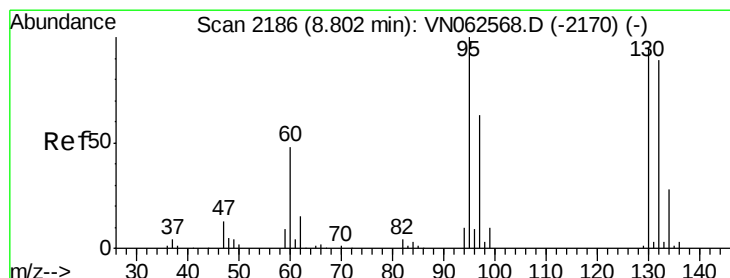
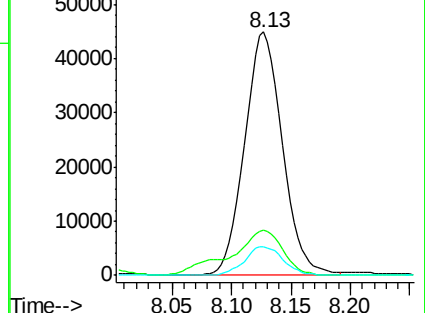
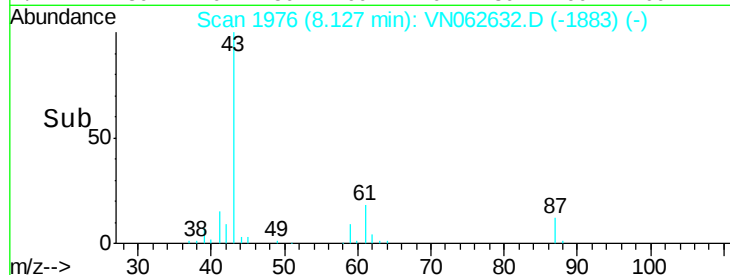
43 100

61 20.0 20.8 31.2#

87 11.9 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062632.D (-1883) (-)



#44

Trichloroethene

Concen: 19.497 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062632.D

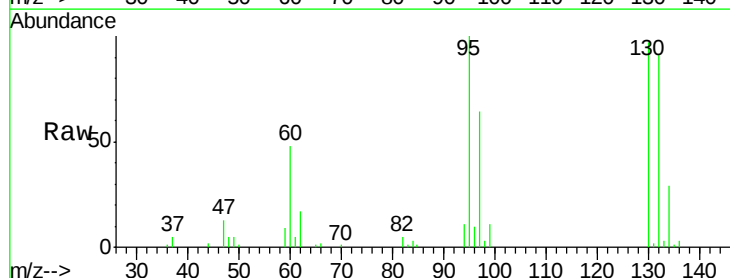
Acq: 28 Jul 2020 14:10

Tgt Ion:130 Resp: 41824

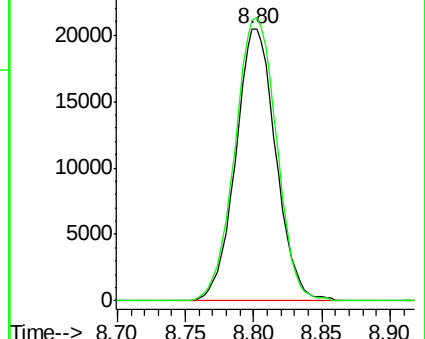
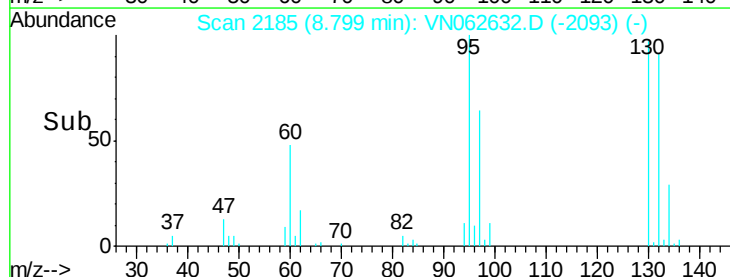
Ion Ratio Lower Upper

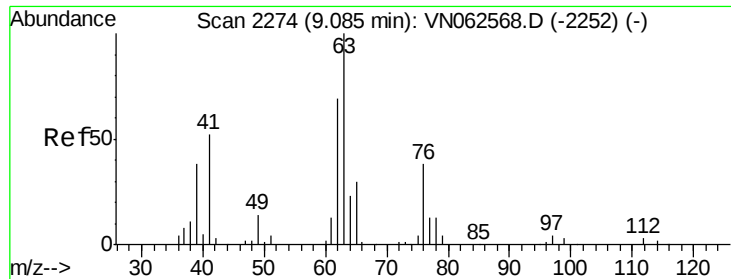
130 100

95 103.1 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062632.D (-2093) (-)

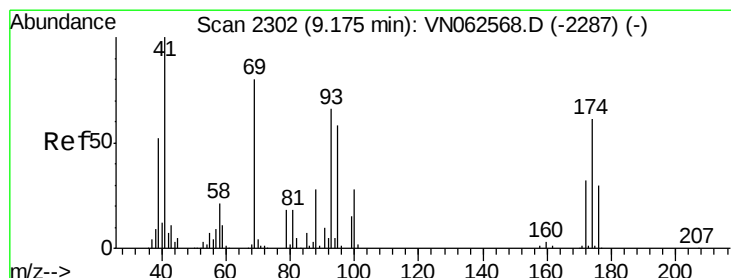
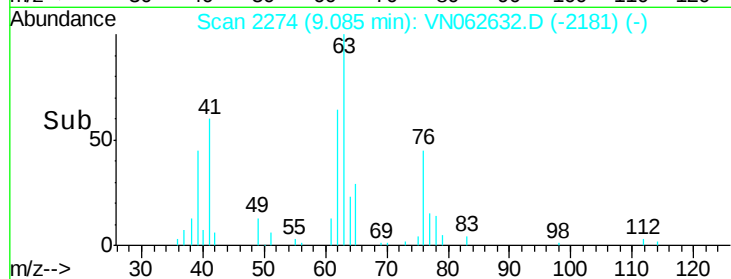
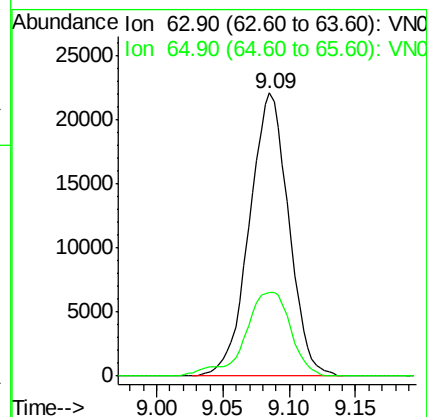
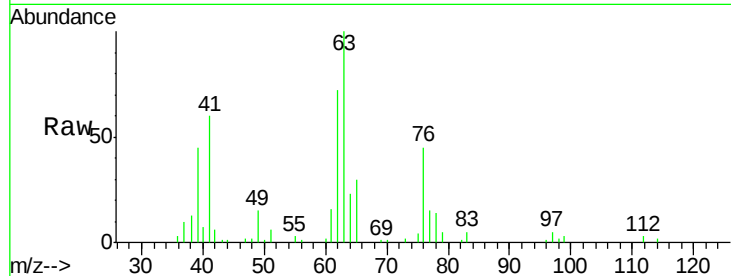




#45
 1,2-Dichloropropane
 Concen: 17.088 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

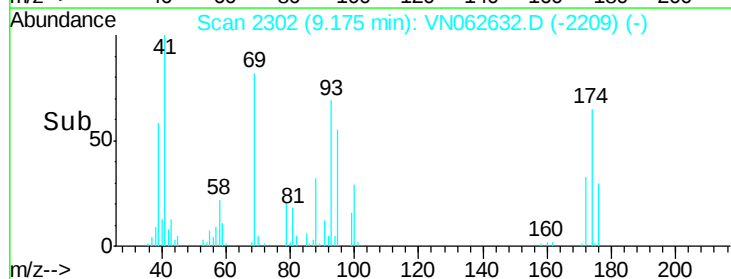
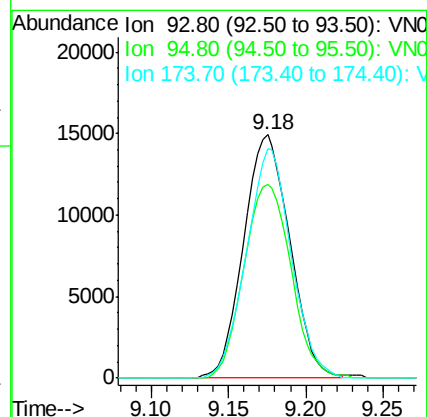
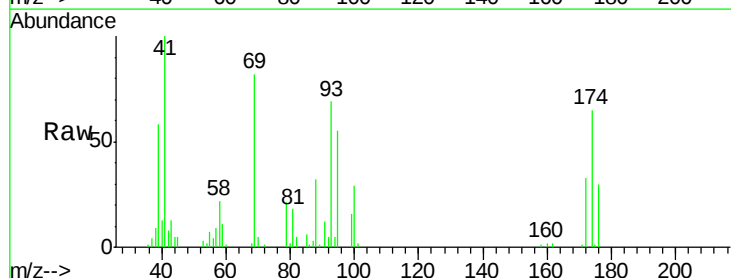
Instrument :
 MSVOA_N
 ClientSampled :

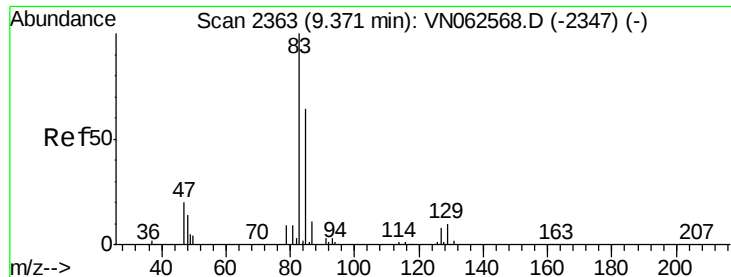
Tot Ion: 63 Resp: 45638
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.4 36.6



#46
 Dibromomethane
 Concen: 20.082 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion: 93 Resp: 30999
 Ion Ratio Lower Upper
 93 100
 95 81.2 67.6 101.4
 174 91.7 72.5 108.7





#47

Bromodichloromethane

Concen: 20.426 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

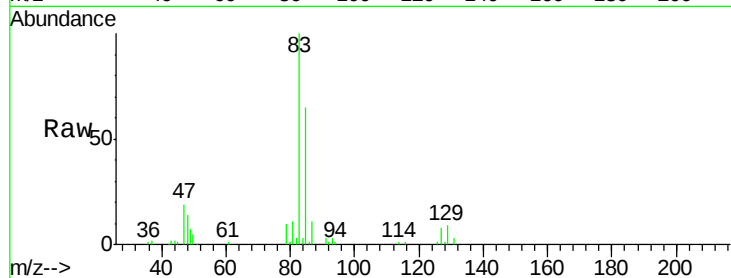
Tot Ion: 83 Resp: 68308

Ion Ratio Lower Upper

83 100

85 65.2 51.6 77.4

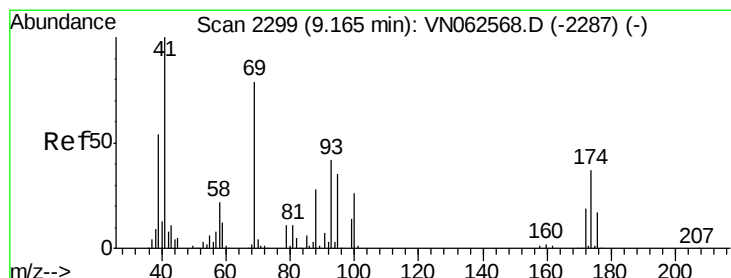
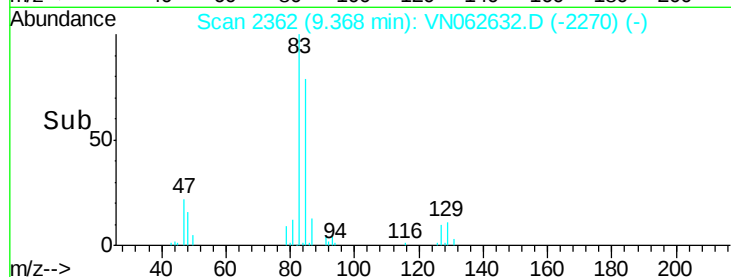
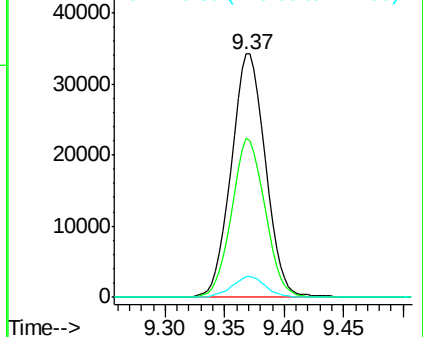
127 8.3 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062632.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062632.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062632.D (-2270) (-)



#48

Methyl methacrylate

Concen: 19.117 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

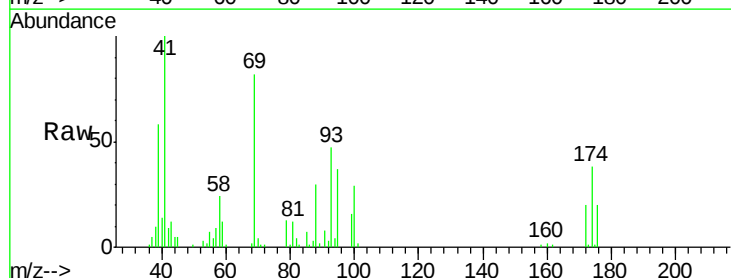
Tgt Ion: 41 Resp: 49618

Ion Ratio Lower Upper

41 100

69 84.0 64.4 96.6

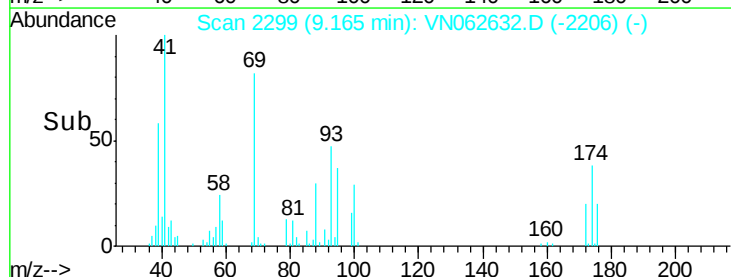
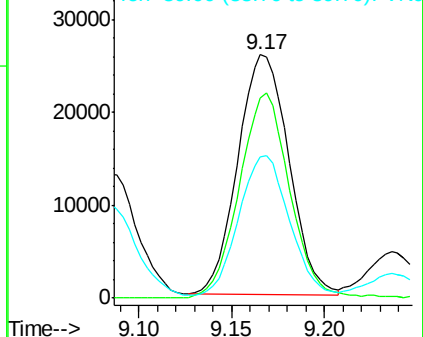
39 57.7 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN062632.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062632.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062632.D (-2206) (-)

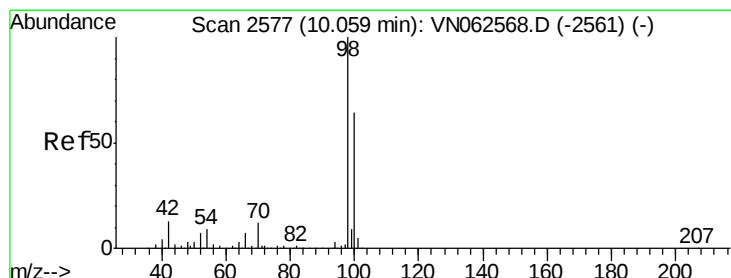
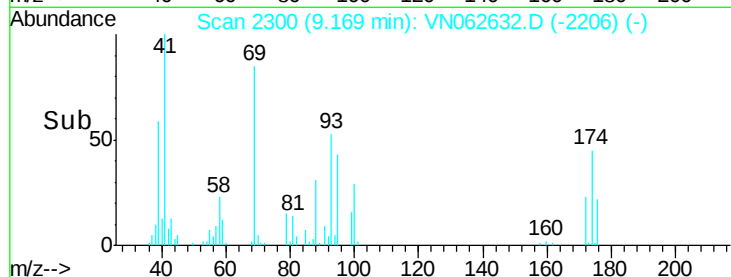
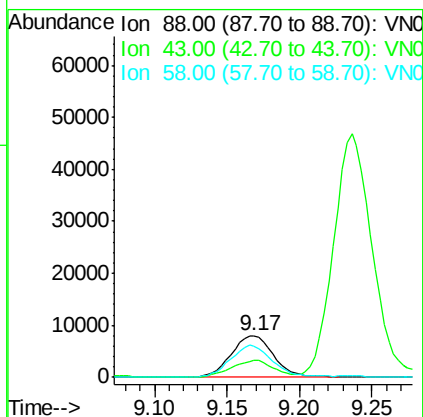
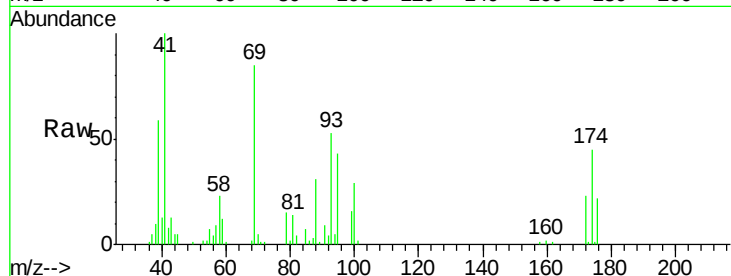




#49
1,4-Dioxane
Concen: 407.495 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

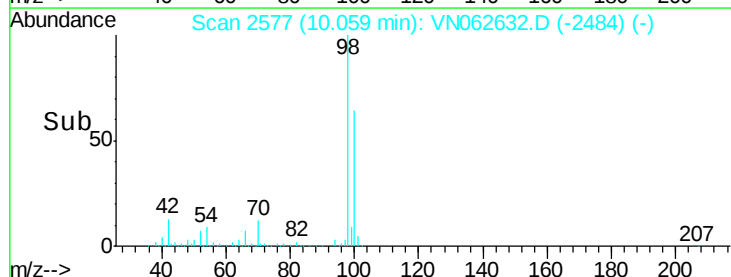
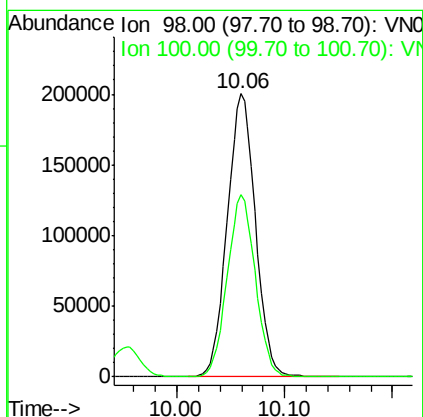
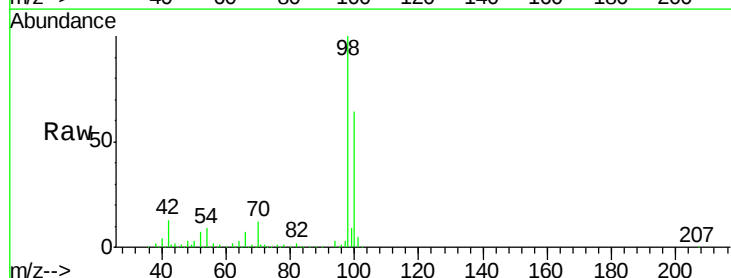
Instrument :
MSVOA_N
ClientSampled :

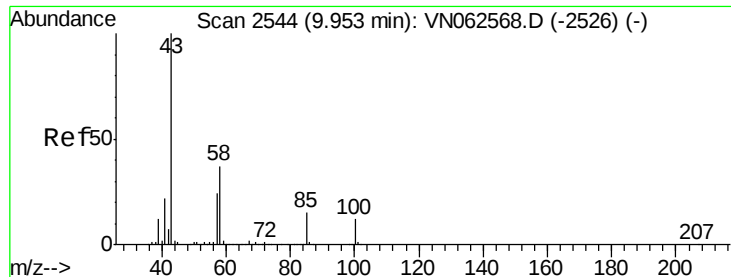
Tot Ion: 88 Resp: 16244
Ion Ratio Lower Upper
88 100
43 40.7 32.0 48.0
58 76.9 62.8 94.2



#50
Toluene-d8
Concen: 47.223 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 98 Resp: 364817
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 86.809 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

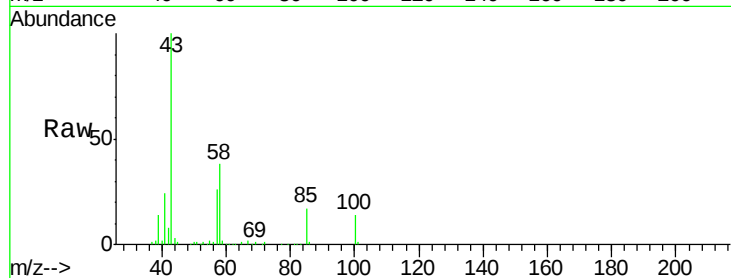
ClientSampleId :

Tot Ion: 43 Resp: 283592

Ion Ratio Lower Upper

43 100

58 38.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-2526) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-2526) (-)

9.95

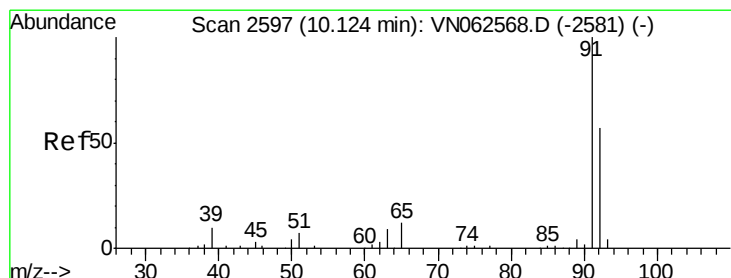
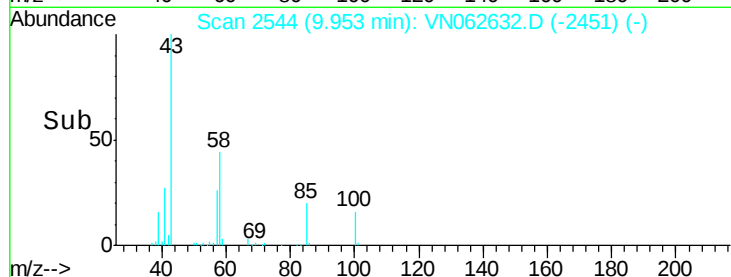
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.096 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062632.D

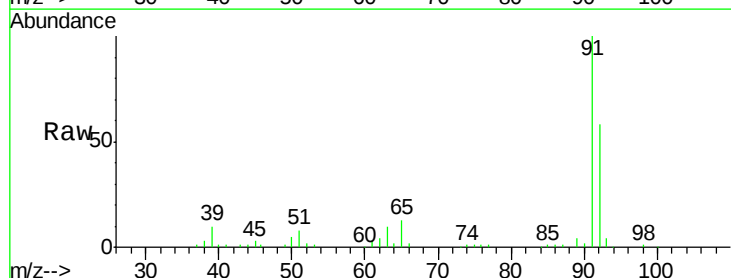
Acq: 28 Jul 2020 14:10

Tgt Ion: 92 Resp: 99952

Ion Ratio Lower Upper

92 100

91 175.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062568.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062568.D (-2581) (-)

10.12

100000

80000

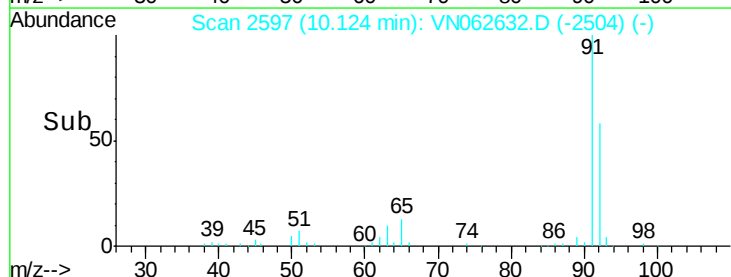
60000

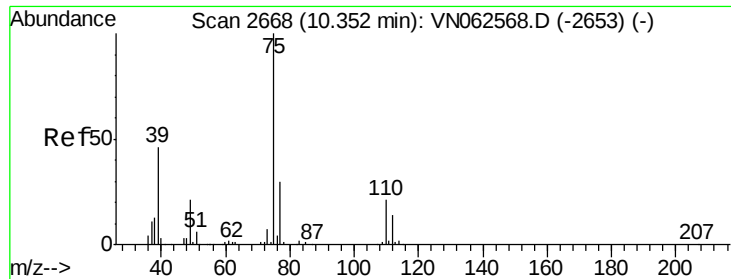
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.039 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

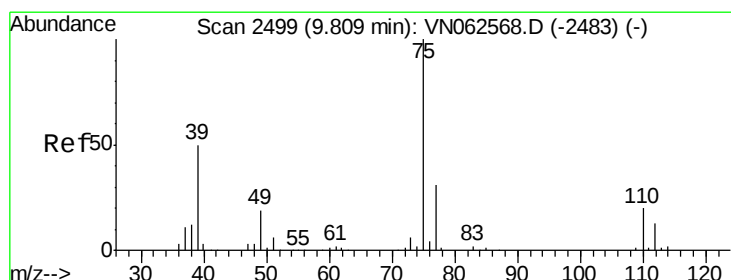
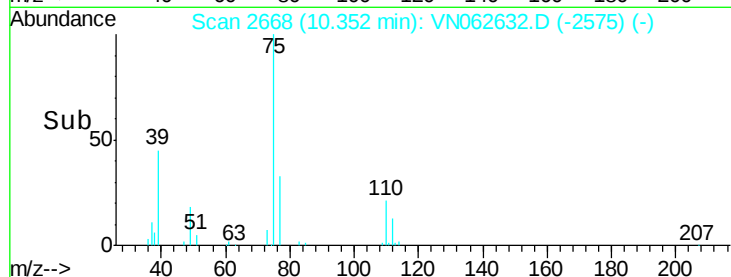
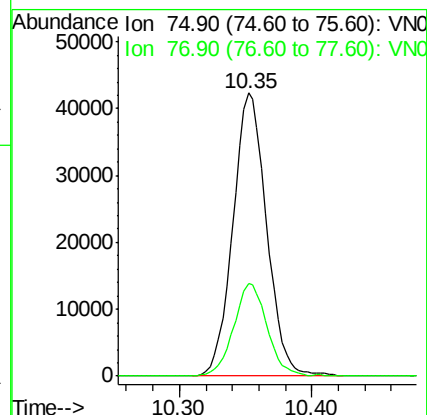
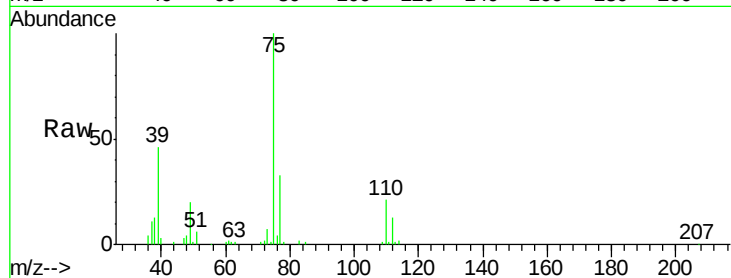
ClientSampleId :

Tot Ion: 75 Resp: 74603

Ion Ratio Lower Upper

75 100

77 32.6 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 18.877 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

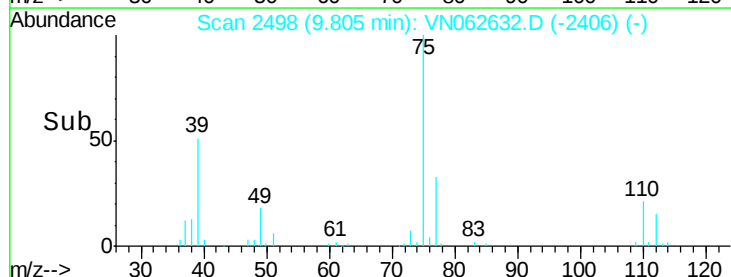
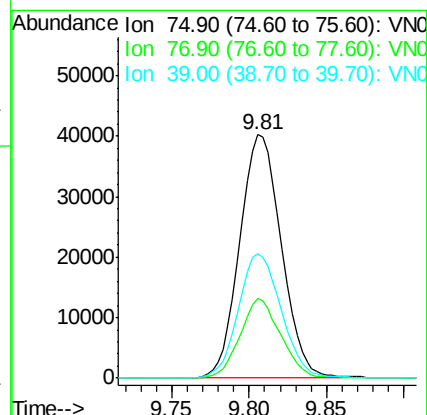
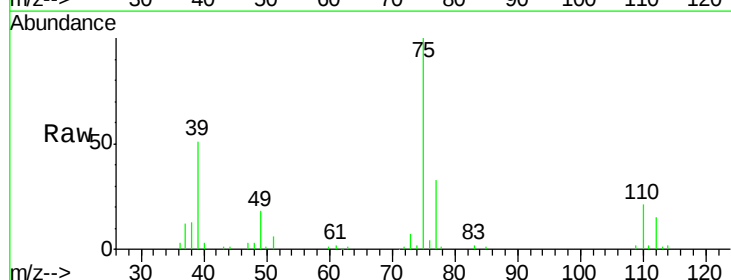
Tgt Ion: 75 Resp: 75407

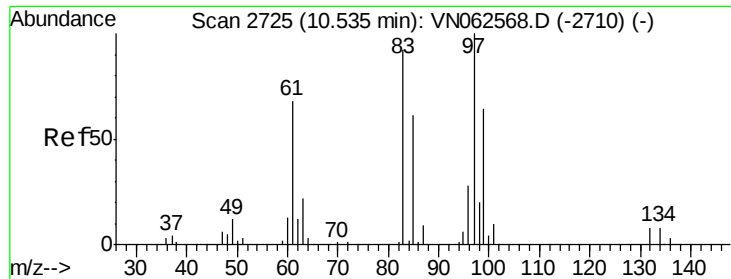
Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.6

39 51.4 39.8 59.8

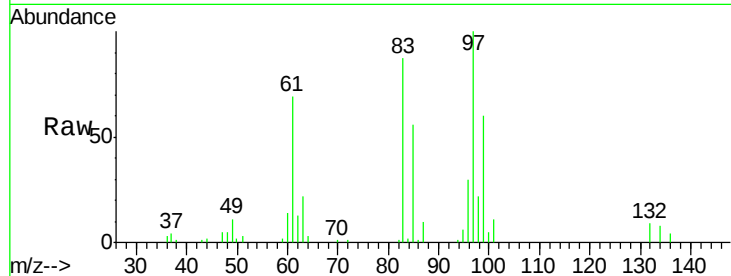




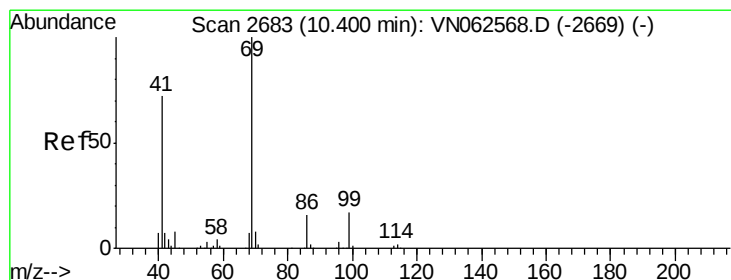
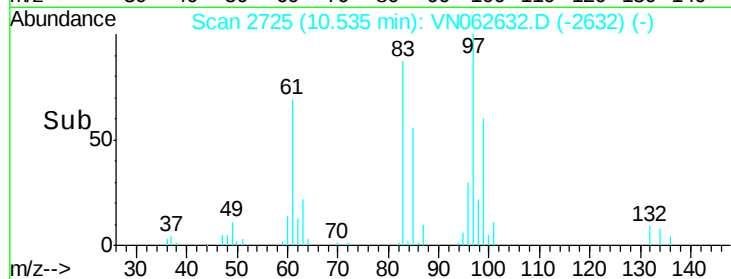
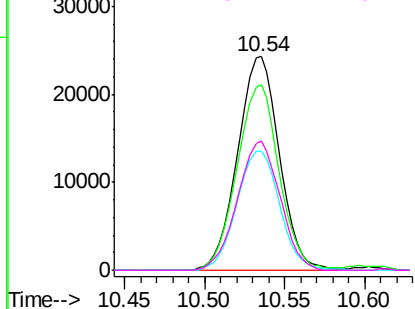
#55
 1,1,2-Trichloroethane
 Concen: 20.139 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 43147
 Ion Ratio Lower Upper
 97 100
 83 87.0 73.7 110.5
 85 55.6 48.5 72.7
 99 60.4 50.8 76.2

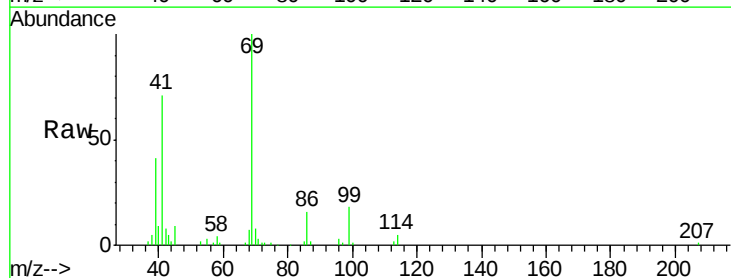


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

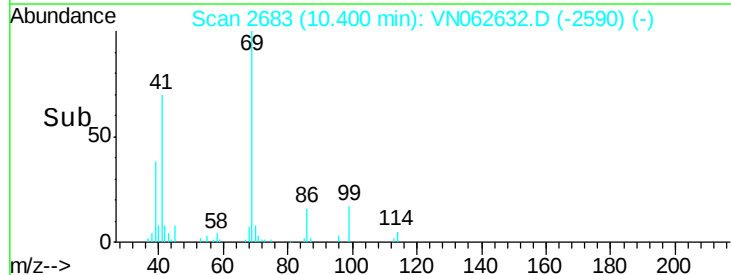
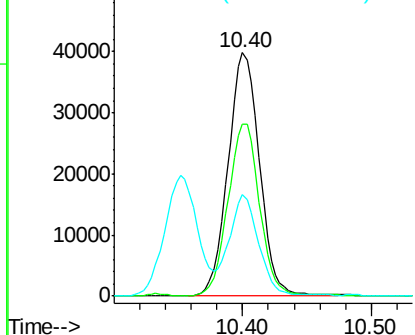


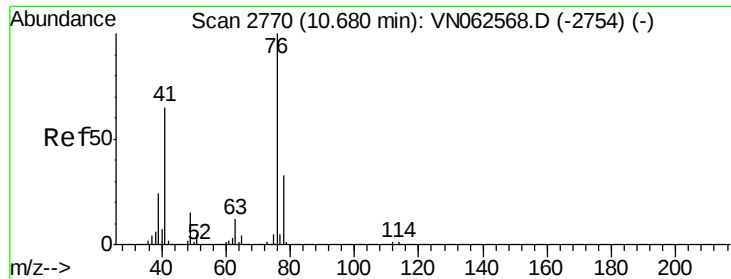
#56
 Ethyl methacrylate
 Concen: 18.717 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion: 69 Resp: 67591
 Ion Ratio Lower Upper
 69 100
 41 71.5 57.2 85.8
 39 38.3 28.6 43.0



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

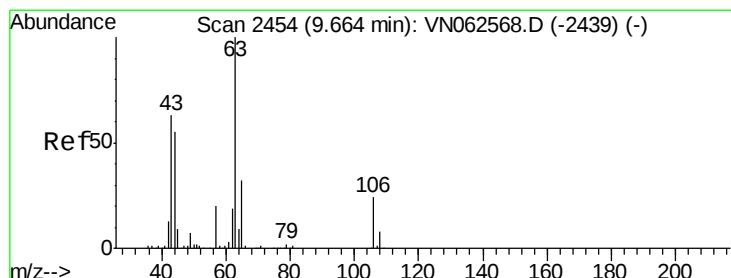
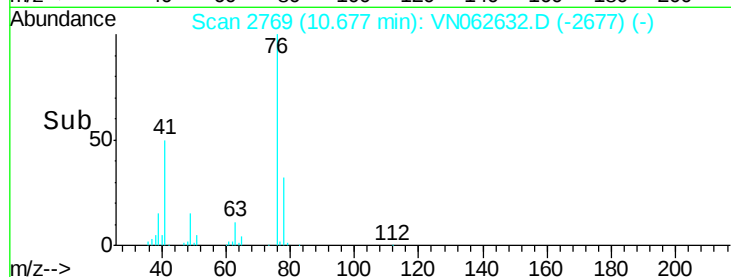
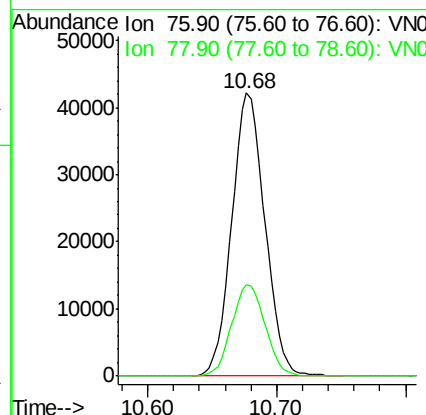
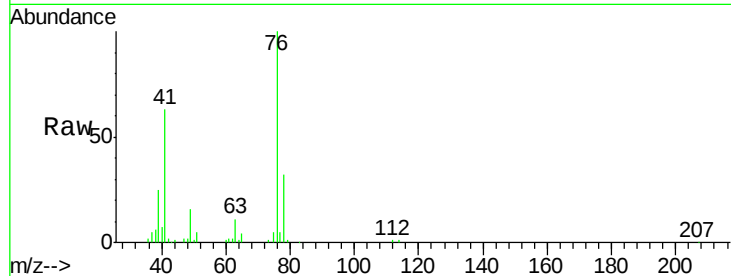




#57
 1,3-Dichloropropane
 Concen: 19.138 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

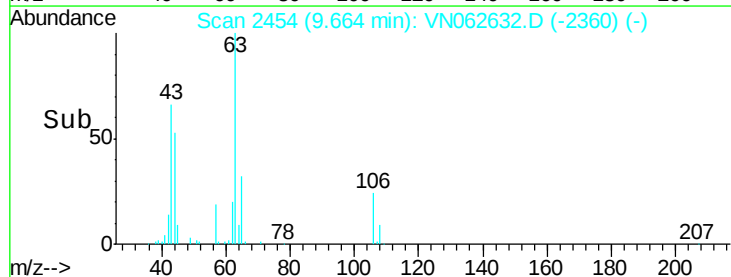
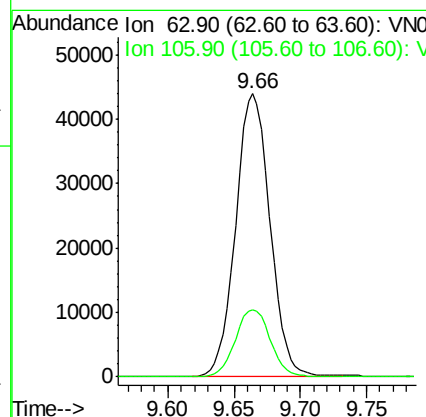
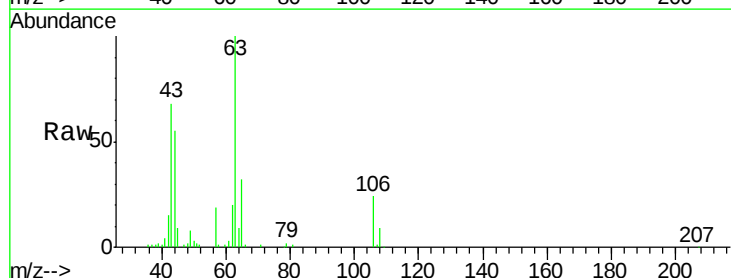
Instrument :
 MSVOA_N
 ClientSampleId :

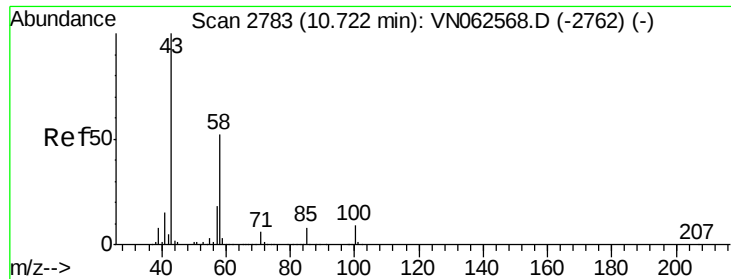
Tot Ion: 76 Resp: 75117
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 80.488 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion: 63 Resp: 79260
 Ion Ratio Lower Upper
 63 100
 106 24.2 18.9 28.3

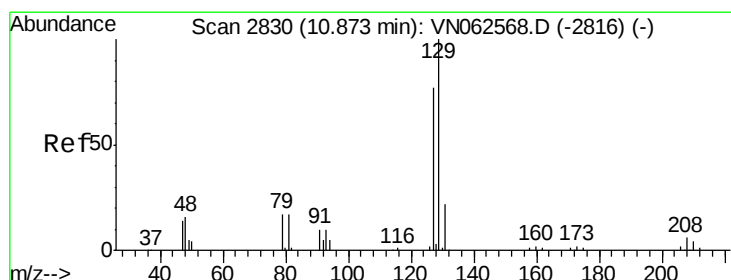
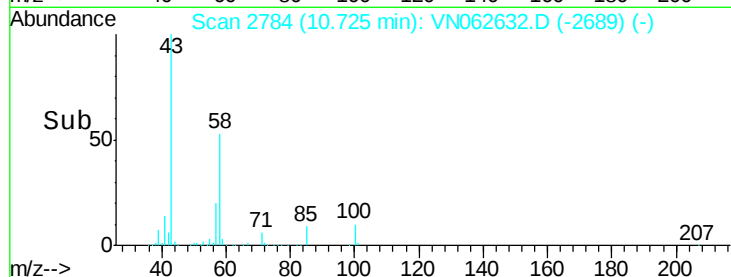
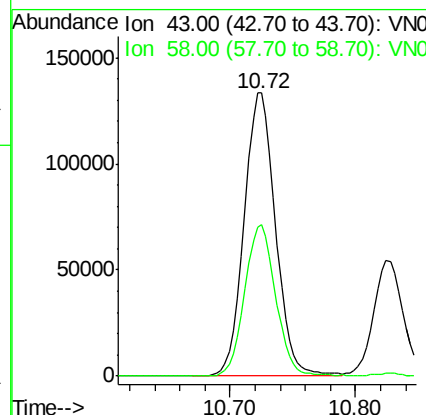
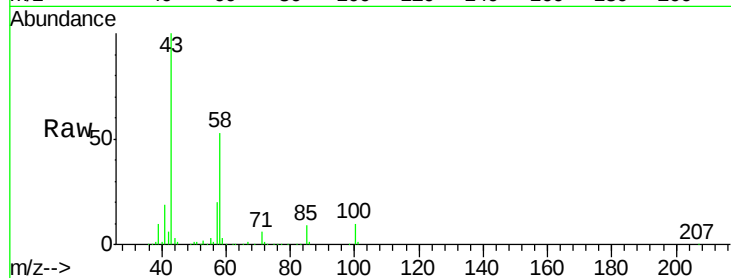




#59
2-Hexanone
Concen: 93.865 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

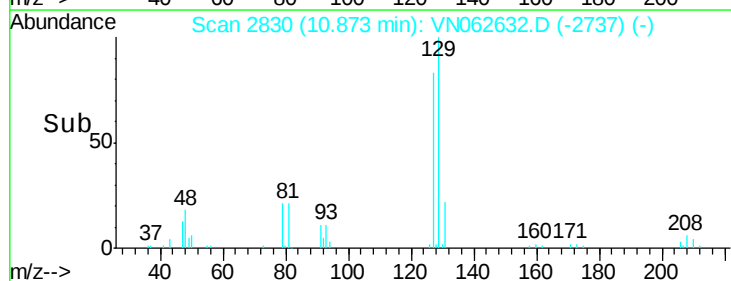
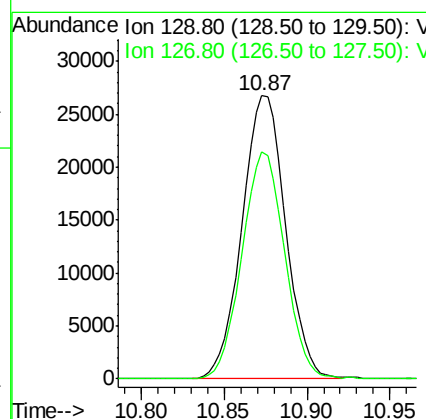
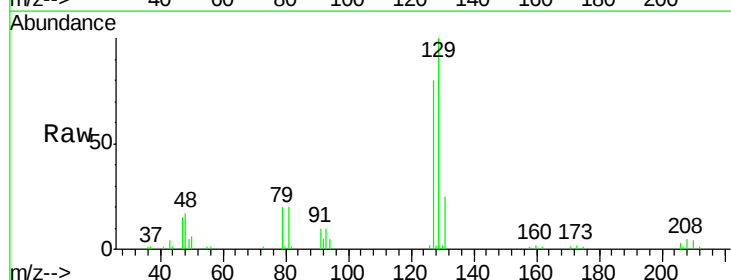
Instrument :
MSVOA_N
ClientSampled :

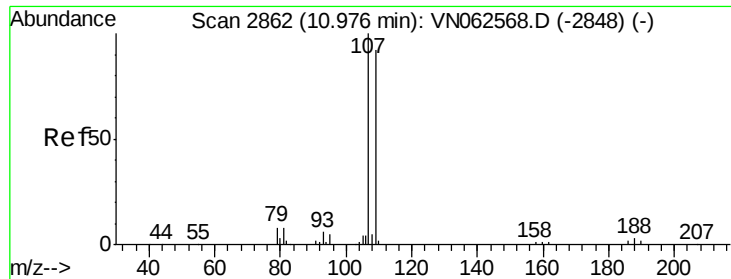
Tot Ion: 43 Resp: 232425
Ion Ratio Lower Upper
43 100
58 52.6 26.0 78.0



#60
Dibromochloromethane
Concen: 20.463 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 129 Resp: 48909
Ion Ratio Lower Upper
129 100
127 78.4 38.0 113.9





#61

1,2-Dibromoethane

Concen: 19.247 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

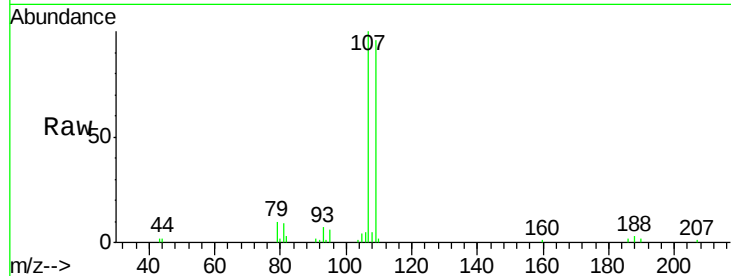
ClientSampled :

Tot Ion:107 Resp: 42939

Ion Ratio Lower Upper

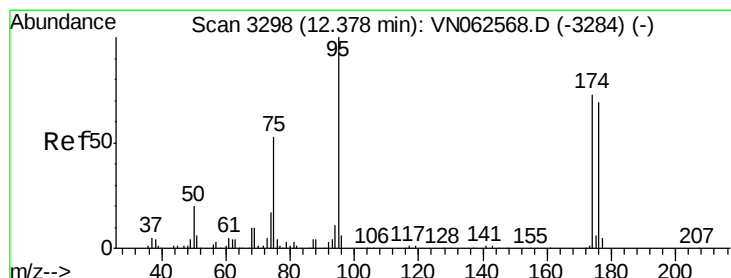
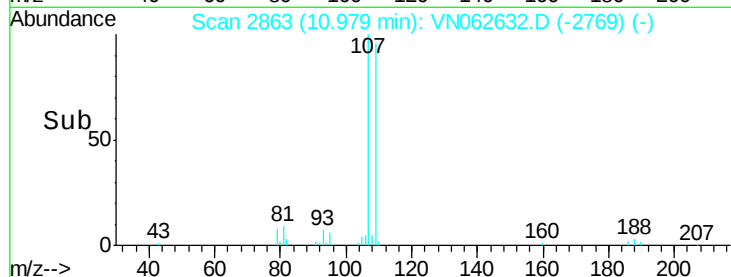
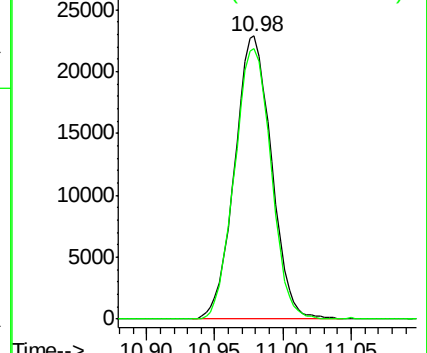
107 100

109 94.5 73.8 110.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.803 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

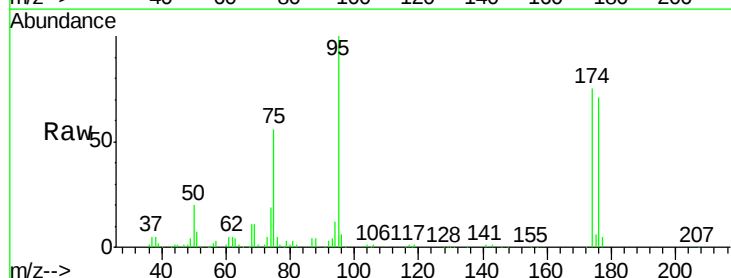
Tgt Ion: 95 Resp: 135032

Ion Ratio Lower Upper

95 100

174 73.7 0.0 144.6

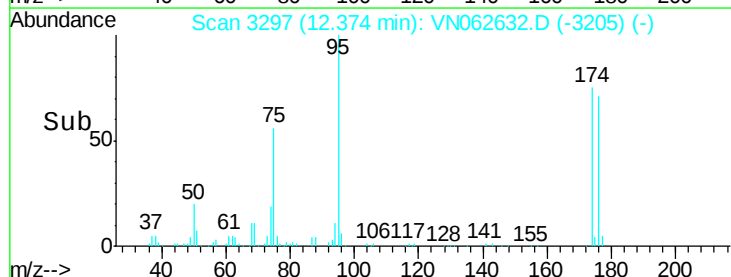
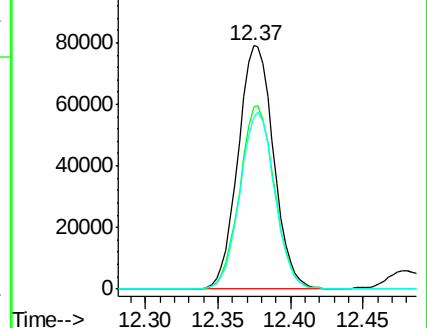
176 71.0 0.0 139.4

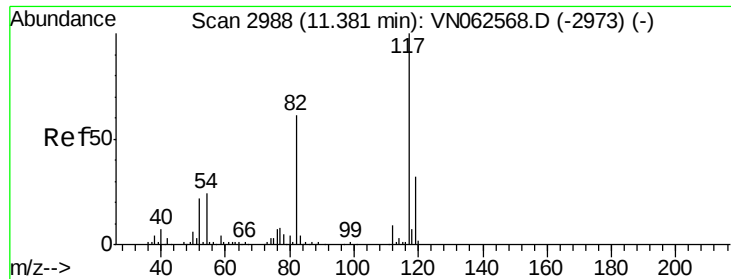


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

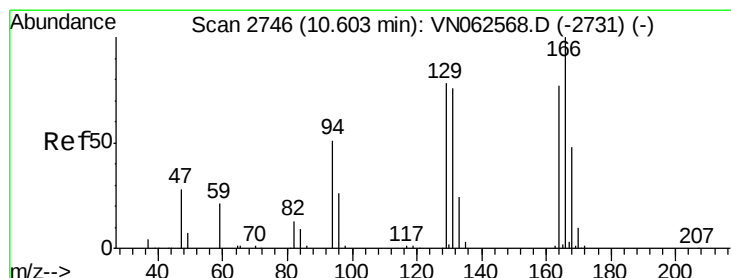
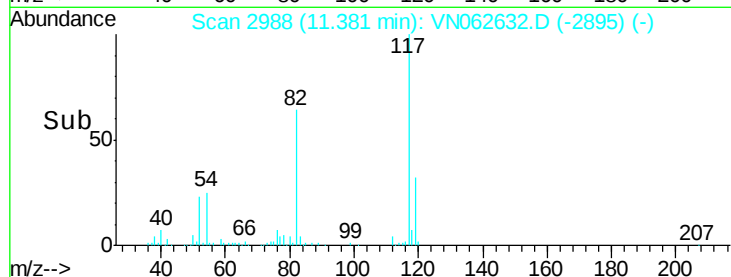
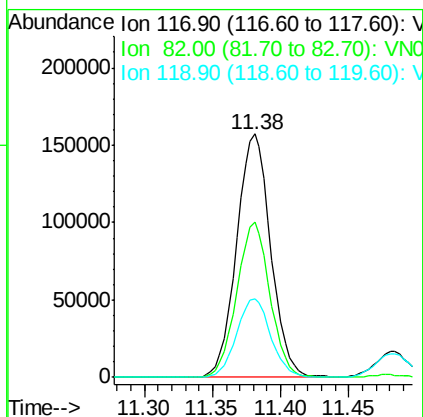
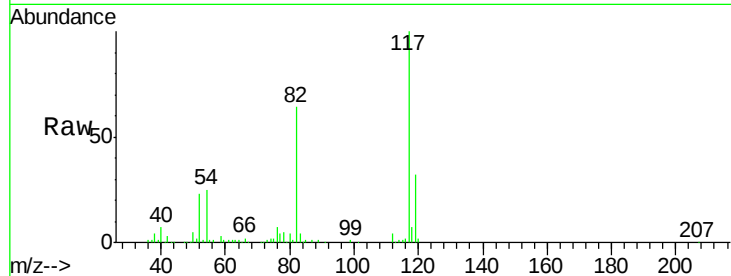




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

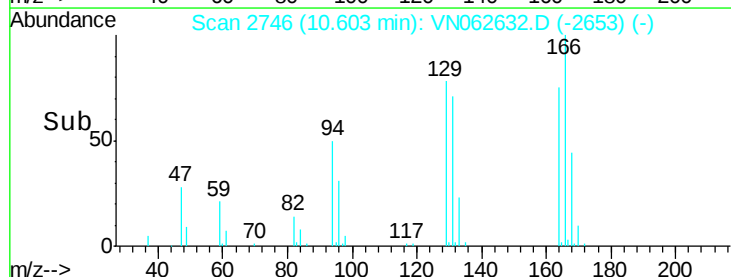
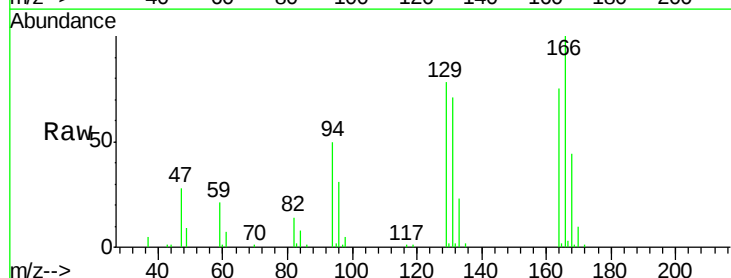
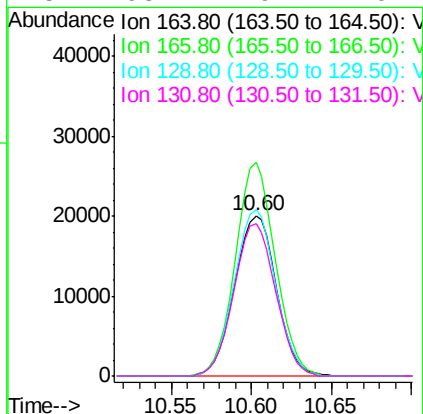
Instrument :
MSVOA_N
ClientSampleId :

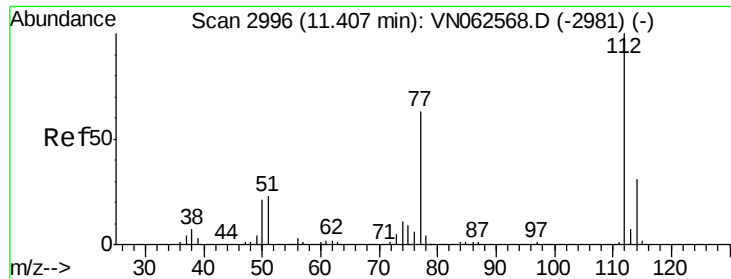
Tot Ion:117 Resp: 272247
Ion Ratio Lower Upper
117 100
82 63.6 49.0 73.6
119 32.5 25.4 38.2



#64
Tetrachloroethene
Concen: 20.266 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion:164 Resp: 35848
Ion Ratio Lower Upper
164 100
166 133.4 104.4 156.6
129 104.2 81.0 121.4
131 95.2 79.4 119.2

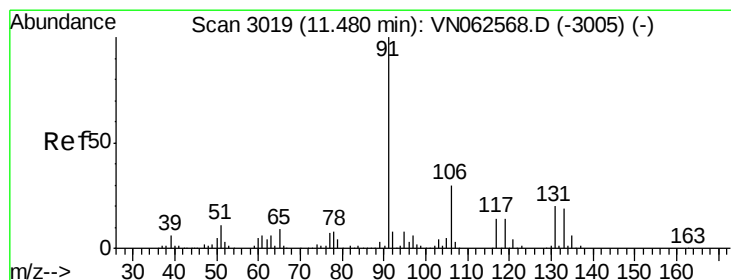
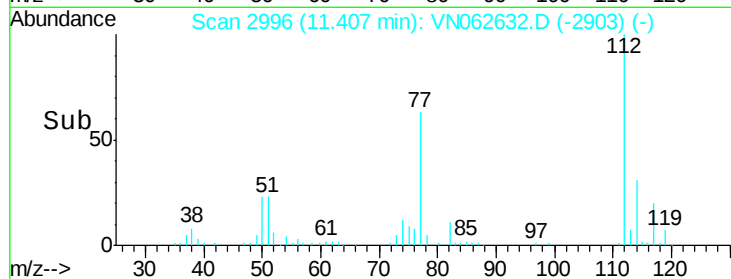
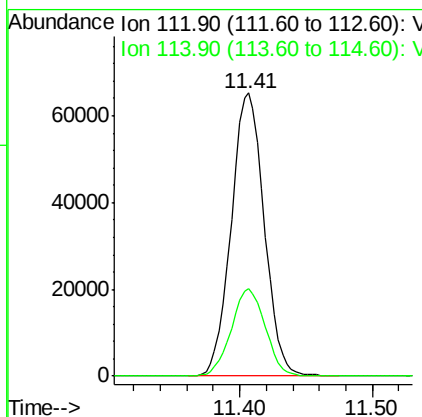
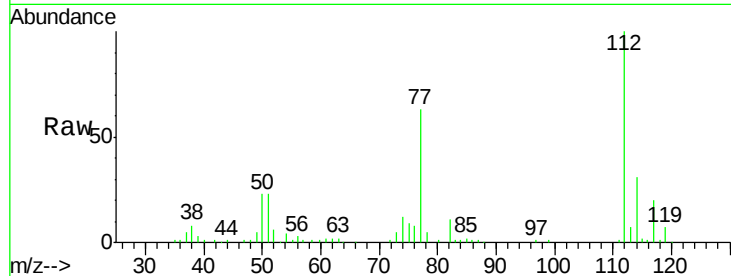




#65
Chlorobenzene
Concen: 19.706 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

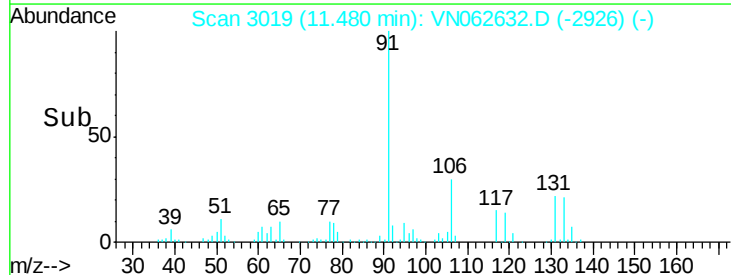
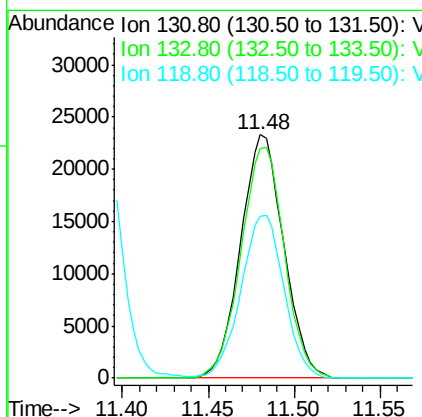
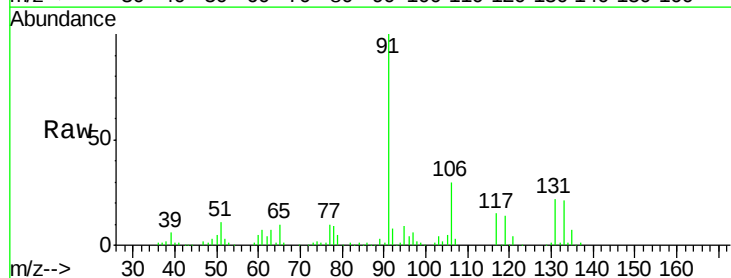
Instrument :
MSVOA_N
ClientSampled :

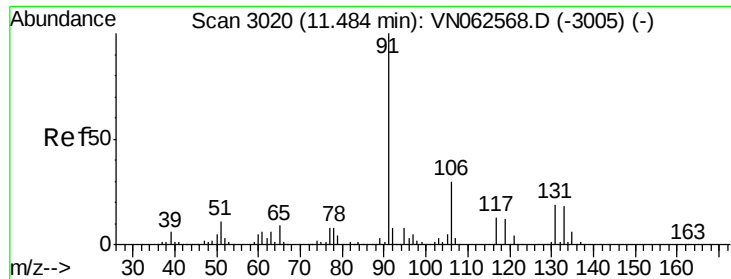
Tot Ion:112 Resp: 112471
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.881 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion:131 Resp: 40540
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 66.6 33.7 101.0

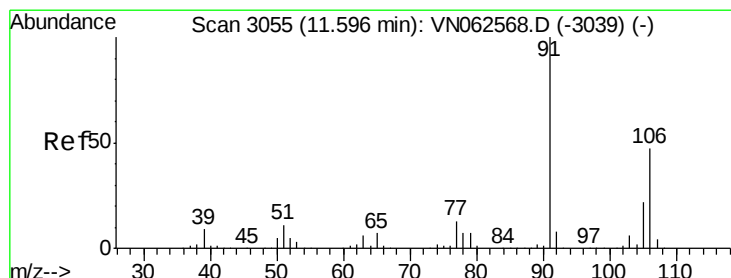
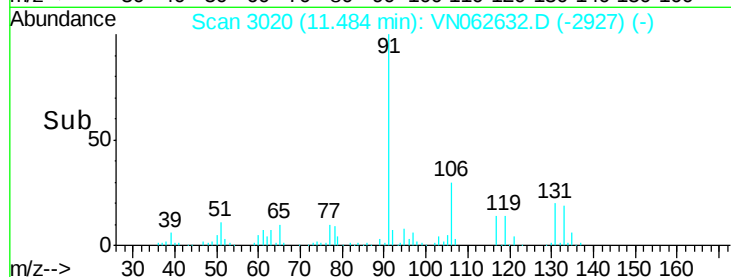
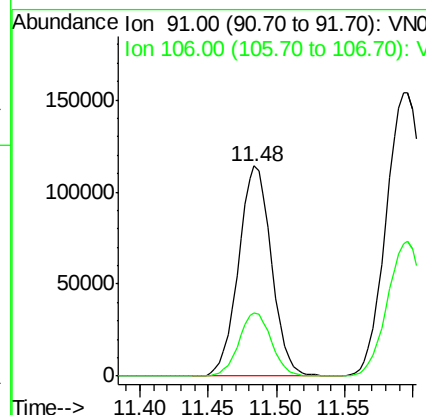
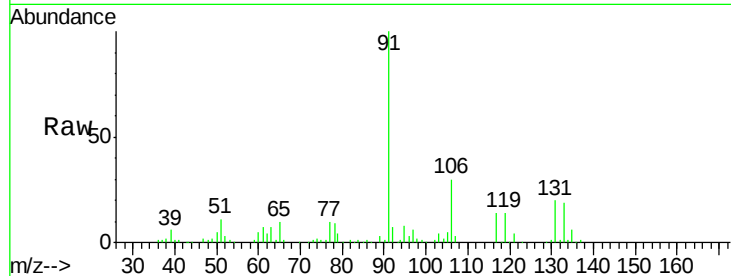




#67
Ethyl Benzene
Concen: 18.282 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

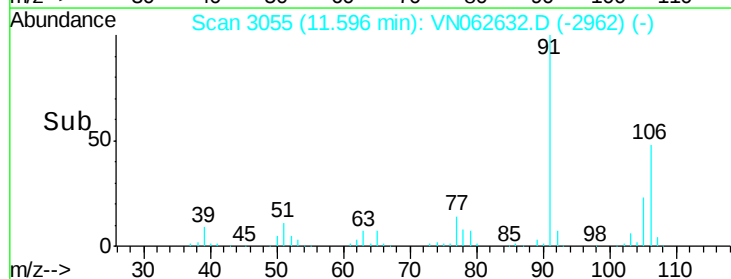
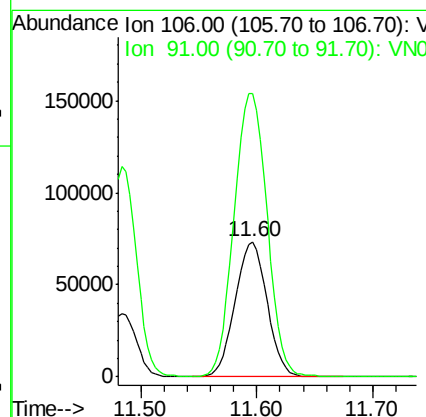
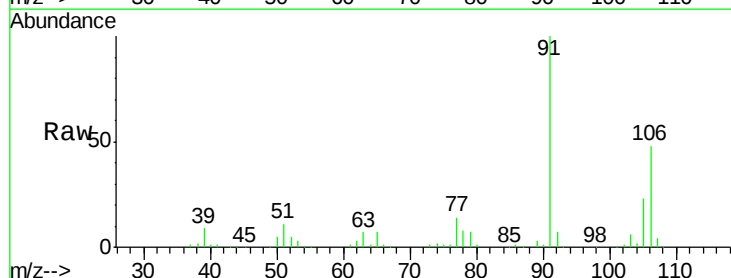
Instrument :
MSVOA_N
ClientSampled :

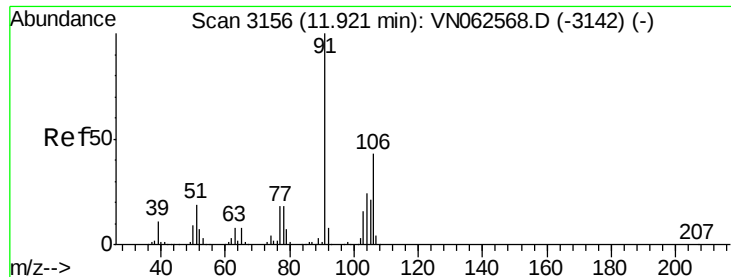
Tot Ion: 91 Resp: 191316
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.8



#68
m/p-Xylenes
Concen: 37.282 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion: 106 Resp: 140230
Ion Ratio Lower Upper
106 100
91 216.5 171.4 257.2

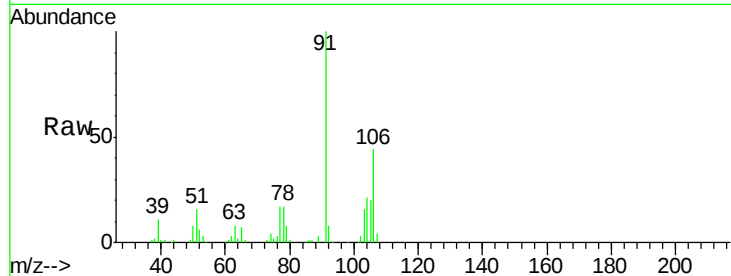




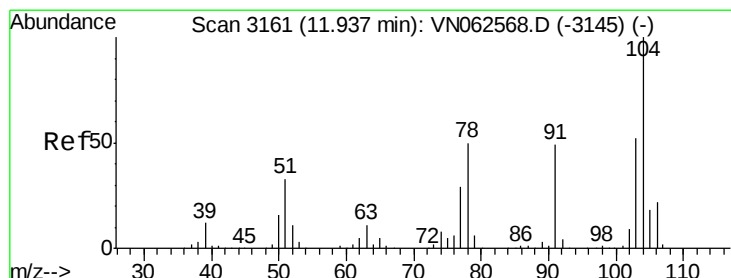
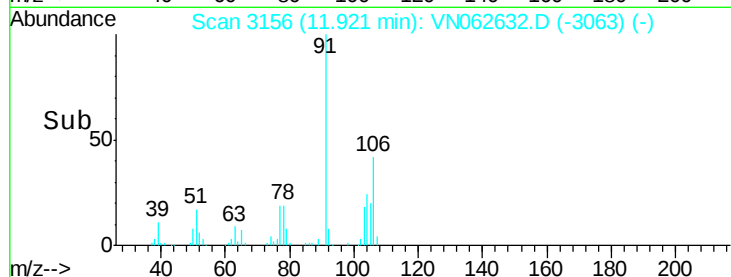
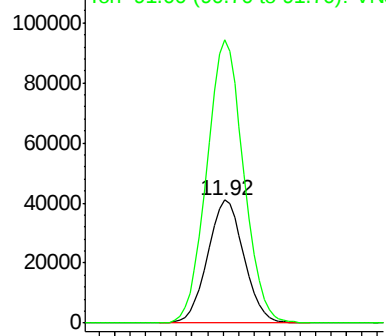
#69
o-Xylene
Concen: 18.720 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 66863
Ion Ratio Lower Upper
106 100
91 232.7 113.8 341.2

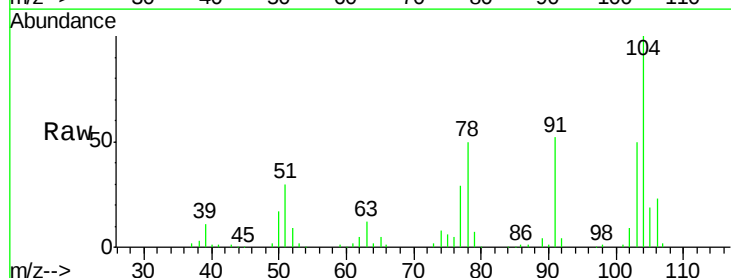


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

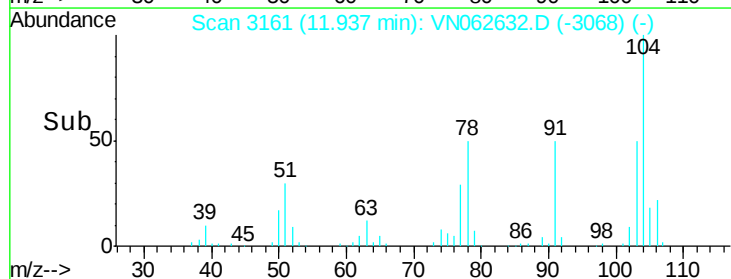
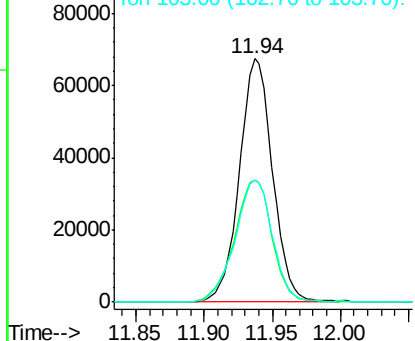


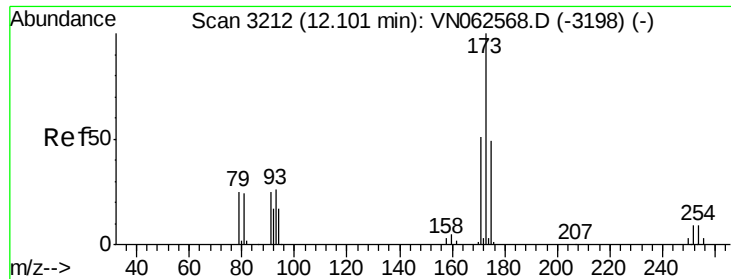
#70
Styrene
Concen: 18.870 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion:104 Resp: 113856
Ion Ratio Lower Upper
104 100
78 57.0 43.8 65.6
103 56.2 44.0 66.0



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: 19.706 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

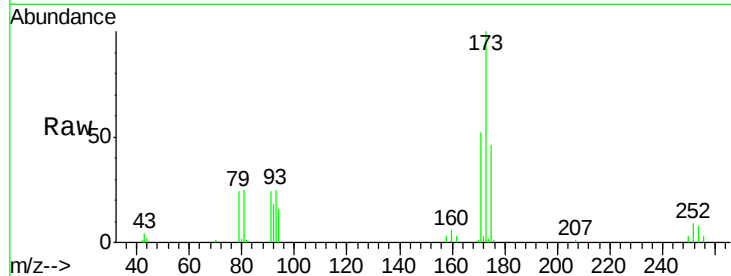
Tot Ion:173 Resp: 31769

Ion Ratio Lower Upper

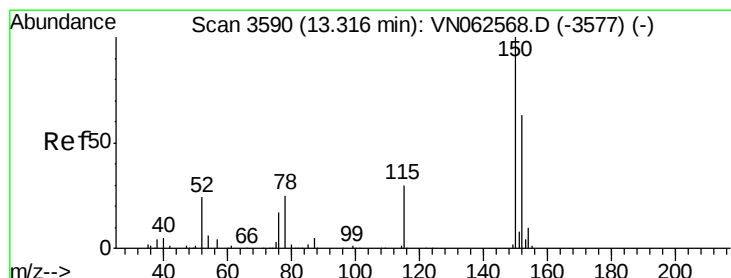
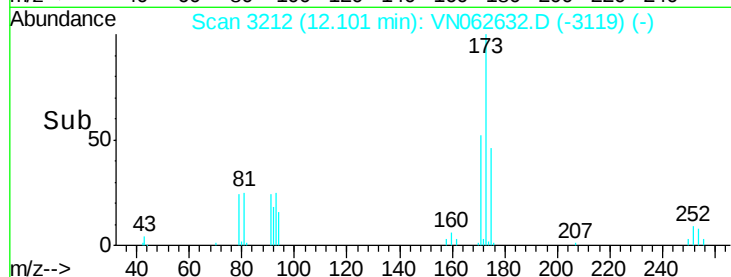
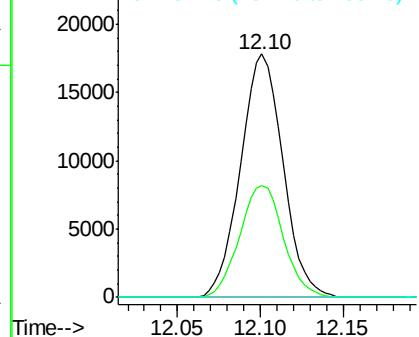
173 100

175 47.4 24.1 72.2

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: VN062632.D

Acq: 28 Jul 2020 14:10

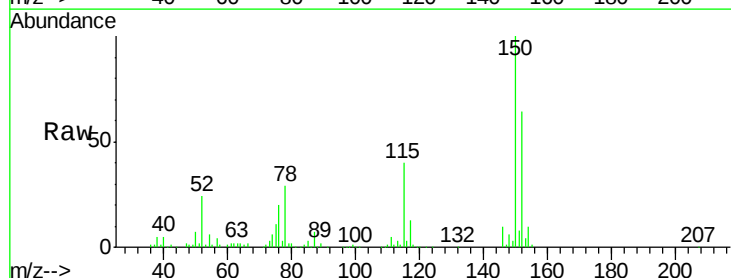
Tgt Ion:152 Resp: 115638

Ion Ratio Lower Upper

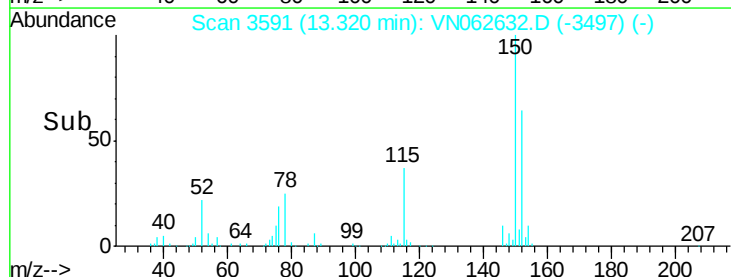
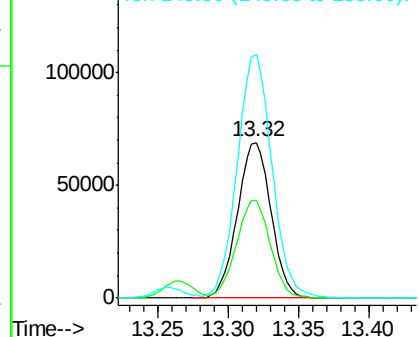
152 100

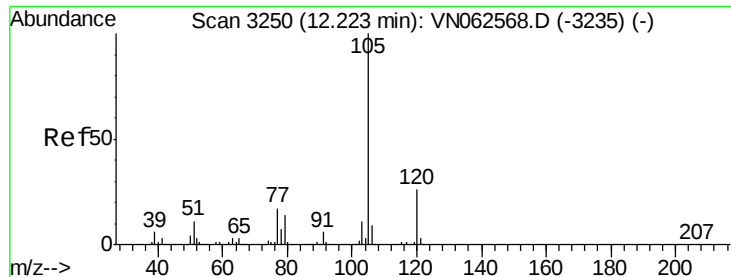
115 63.0 31.8 95.4

150 162.3 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.458 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

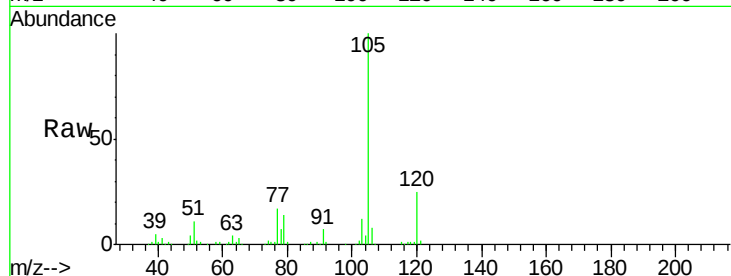
ClientSampleId :

Tot Ion:105 Resp: 187063

Ion Ratio Lower Upper

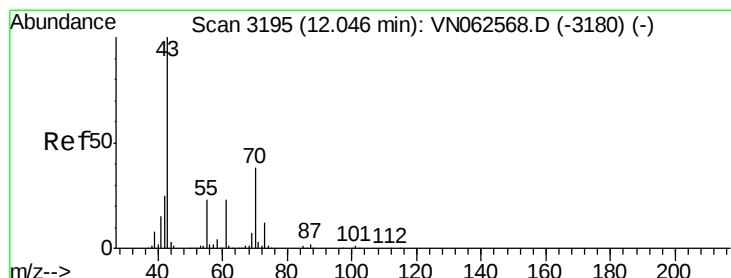
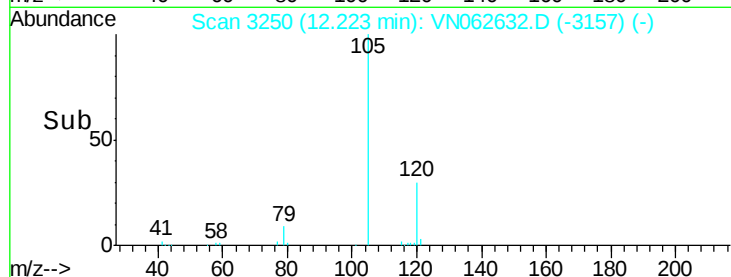
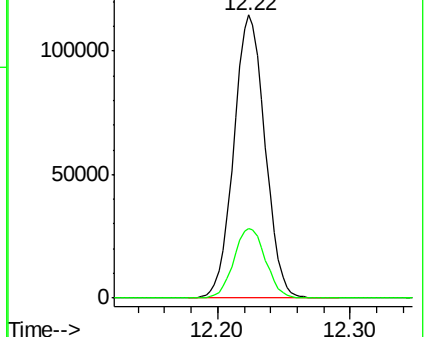
105 100

120 24.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.601 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Tgt Ion: 43 Resp: 80037

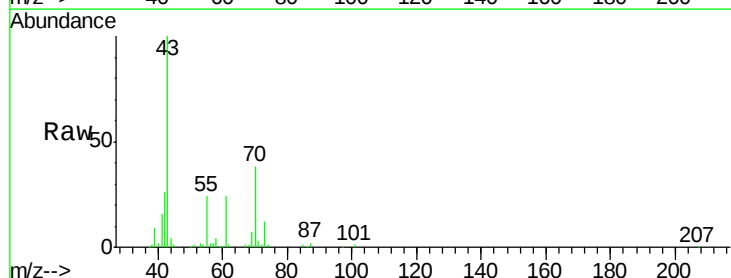
Ion Ratio Lower Upper

43 100

70 38.1 30.5 45.7

55 24.4 19.0 28.6

61 22.9 18.4 27.6

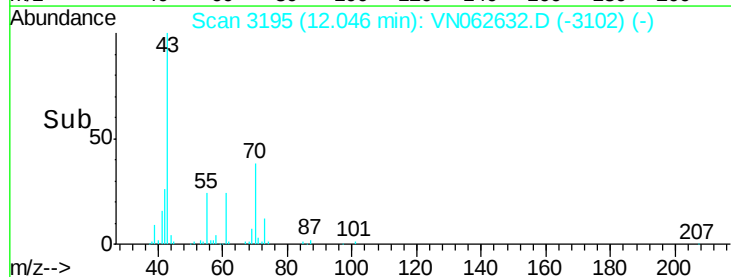
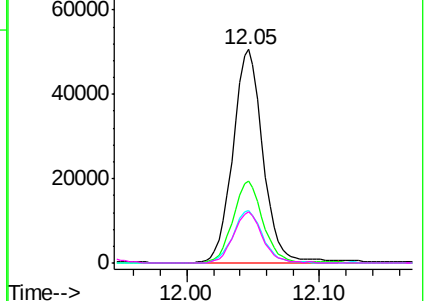


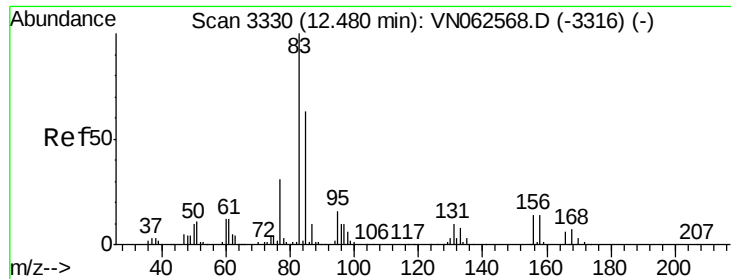
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.258 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

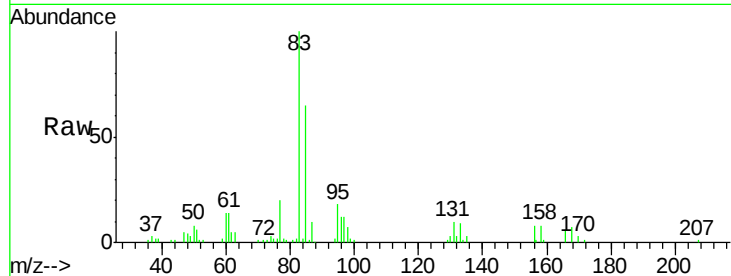
Tot Ion: 83 Resp: 58014

Ion Ratio Lower Upper

83 100

131 10.7 4.8 14.3

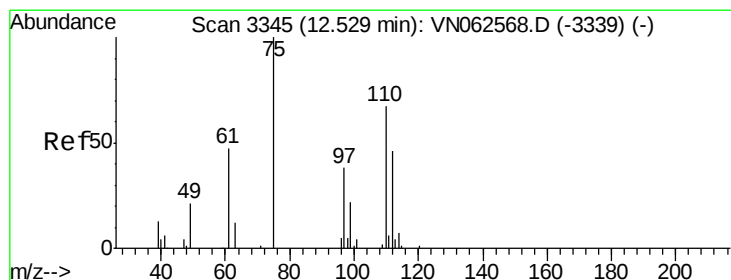
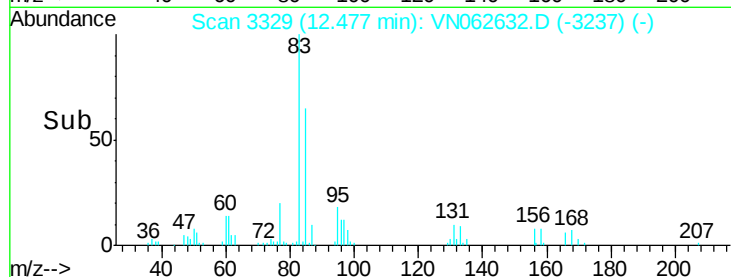
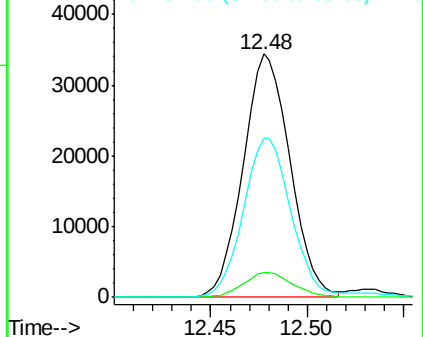
85 66.5 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.347 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062632.D

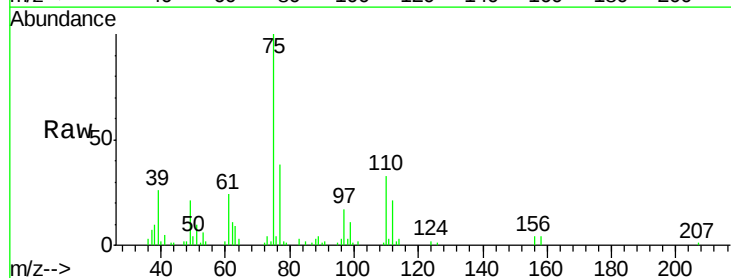
Acq: 28 Jul 2020 14:10

Tgt Ion: 75 Resp: 80493

Ion Ratio Lower Upper

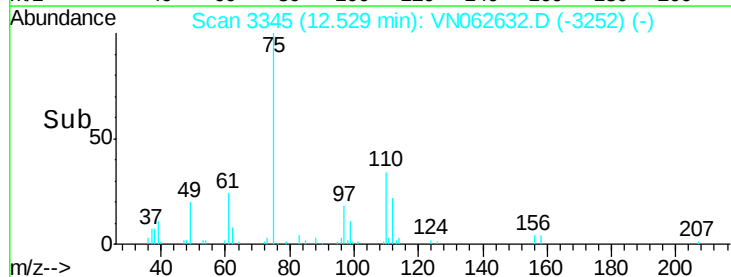
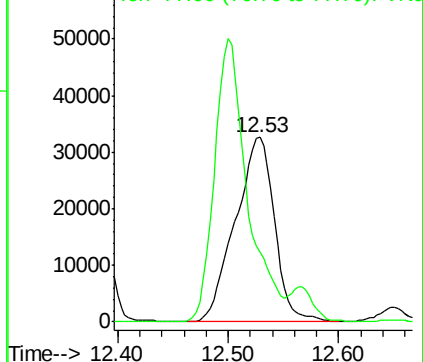
75 100

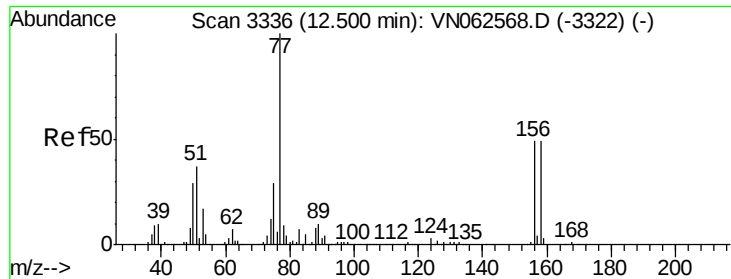
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.986 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

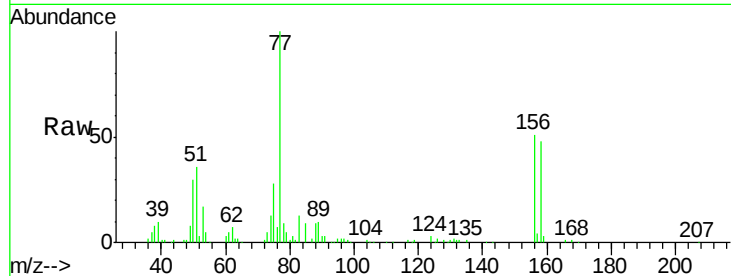
Tot Ion:156 Resp: 43916

Ion Ratio Lower Upper

156 100

77 235.2 122.8 368.3

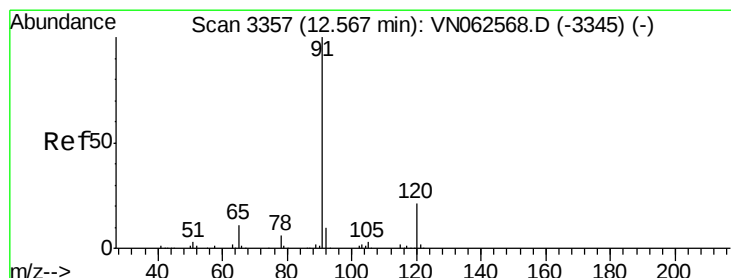
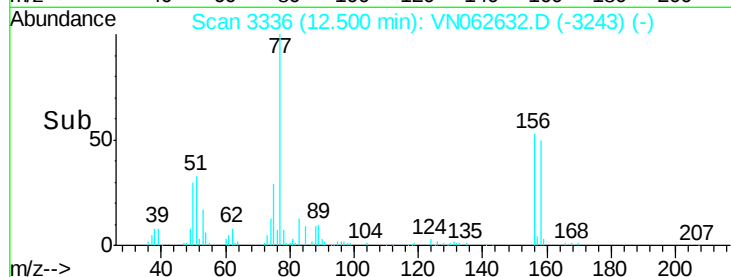
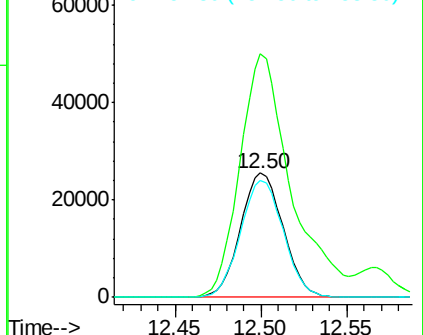
158 94.9 49.4 148.0



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: 19.871 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062632.D

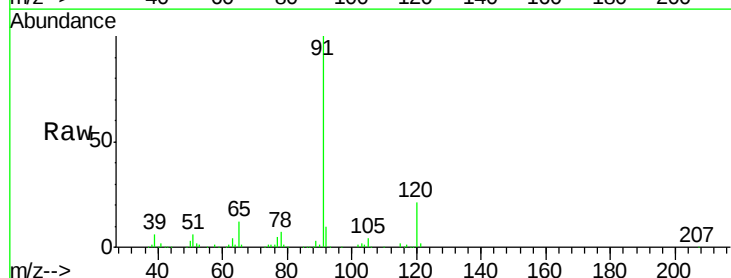
Acq: 28 Jul 2020 14:10

Tgt Ion: 91 Resp: 212829

Ion Ratio Lower Upper

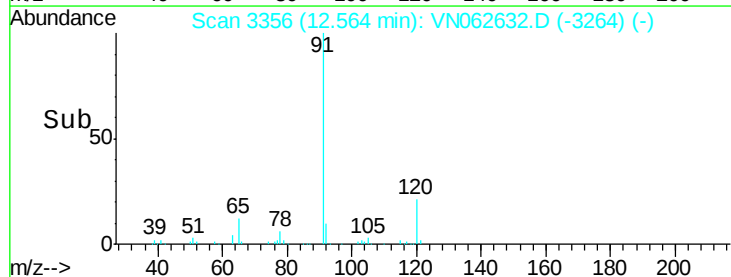
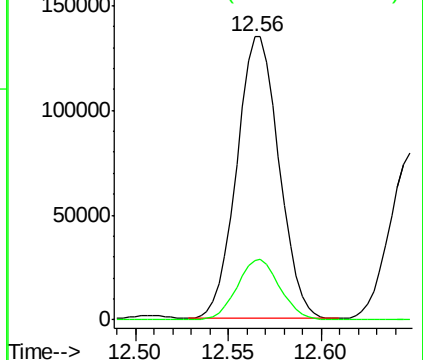
91 100

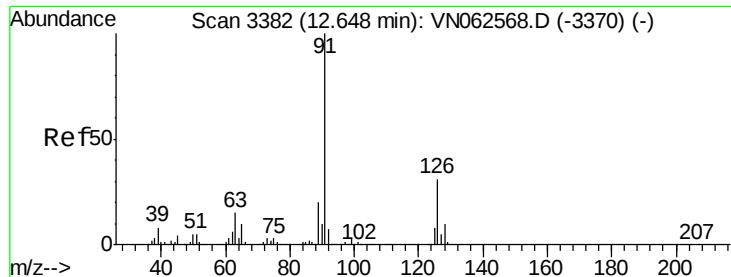
120 21.7 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

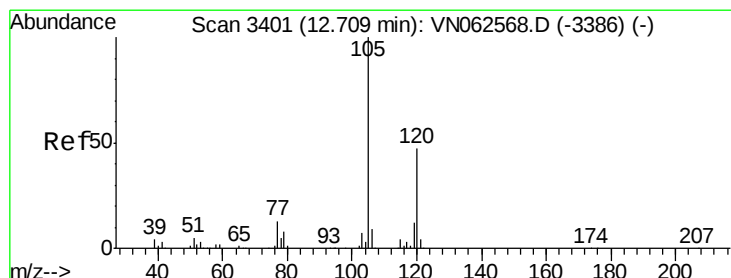
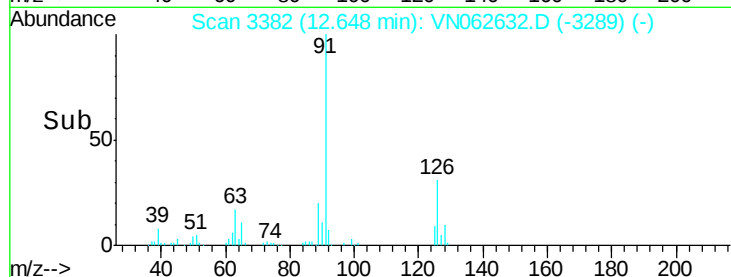
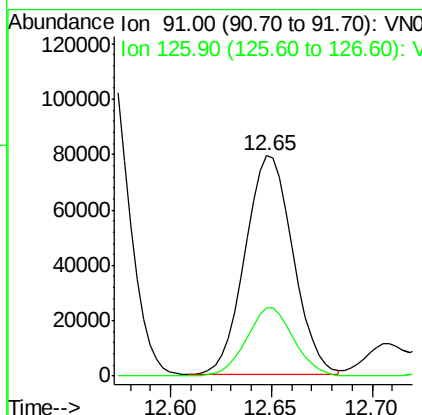
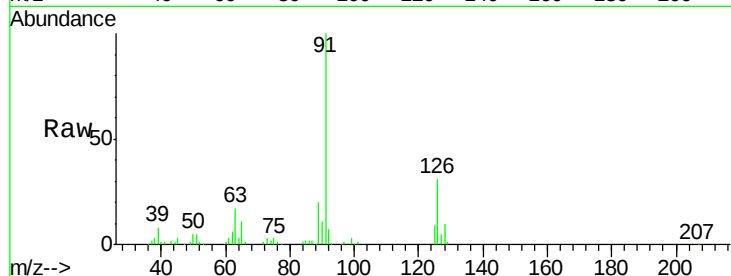




#79
 2-Chlorotoluene
 Concen: 19.983 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

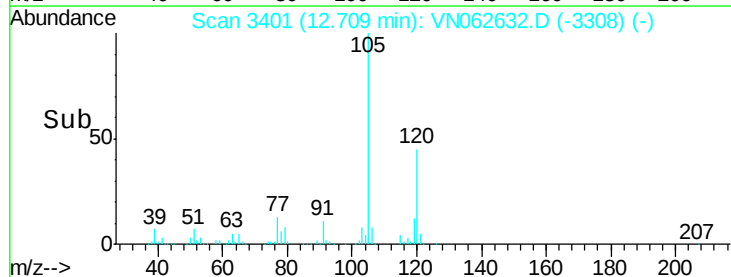
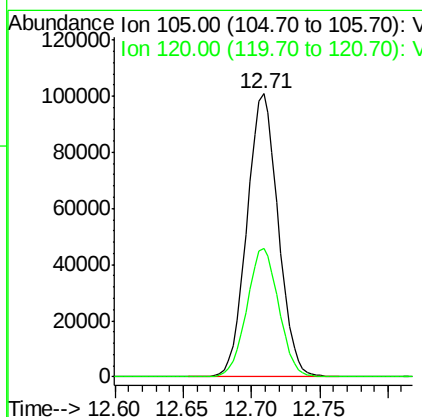
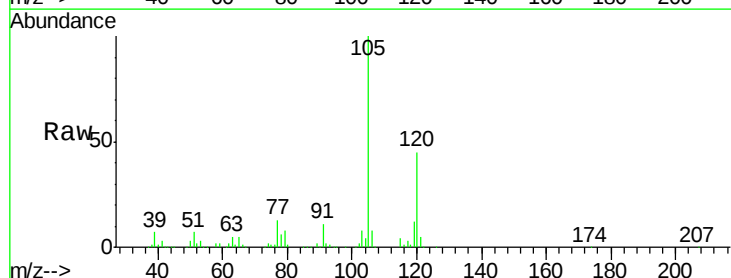
Instrument :
 MSVOA_N
 ClientSampled :

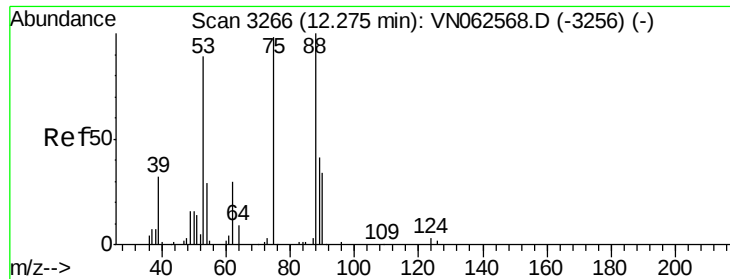
Tot Ion: 91 Resp: 131898
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.127 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion: 105 Resp: 160242
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.540 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

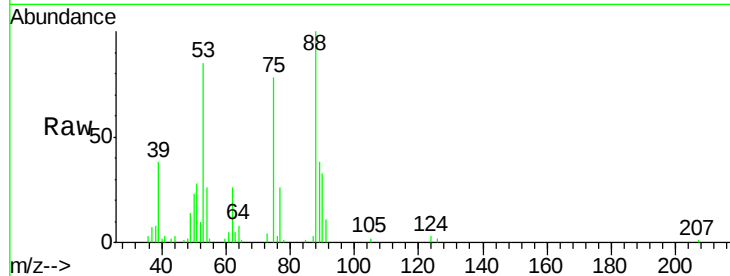
Tot Ion: 75 Resp: 20661

Ion Ratio Lower Upper

75 100

53 104.6 75.4 113.0

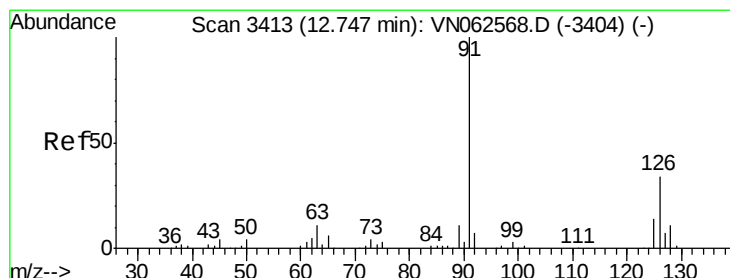
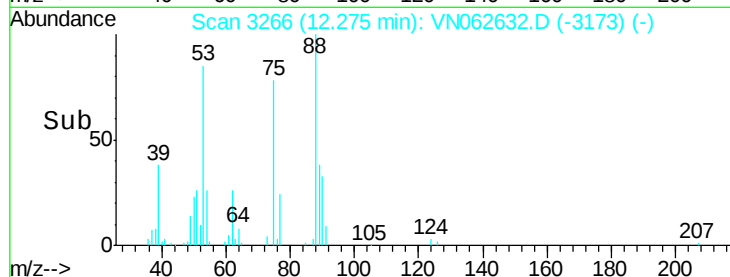
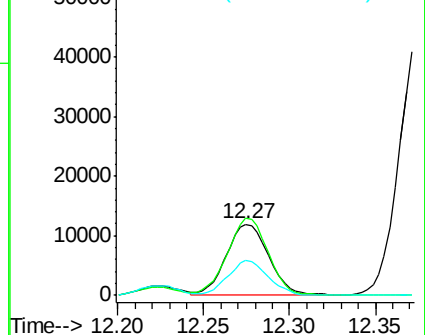
89 46.3 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN062632.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062632.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062632.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 19.578 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062632.D

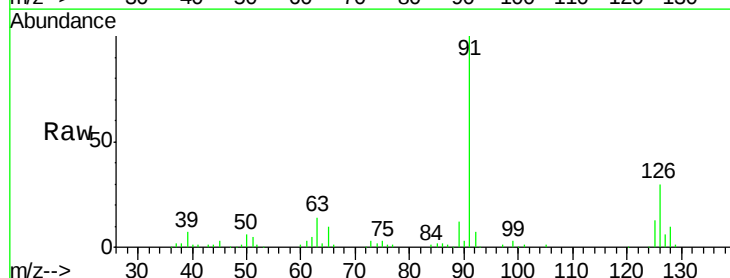
Acq: 28 Jul 2020 14:10

Tgt Ion: 91 Resp: 134510

Ion Ratio Lower Upper

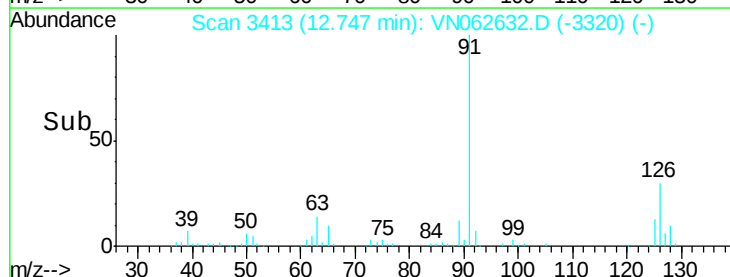
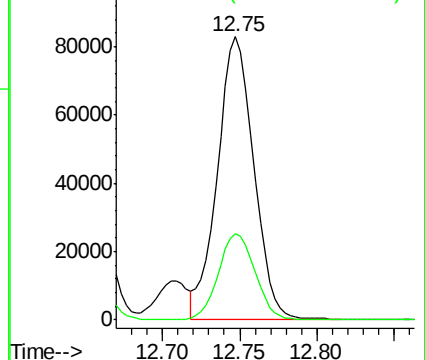
91 100

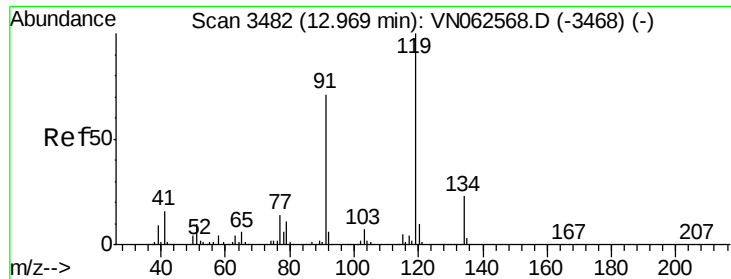
126 31.0 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN062632.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062632.D (-3320) (-)

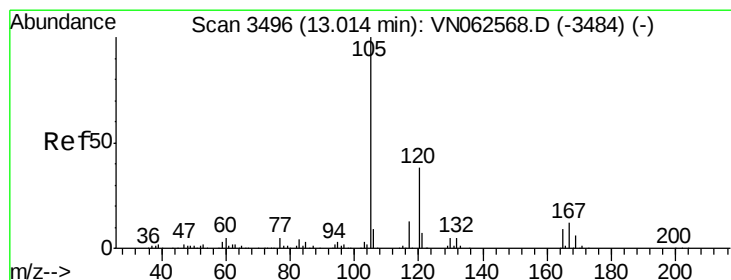
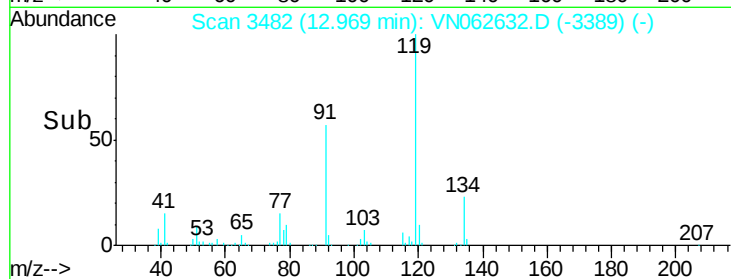
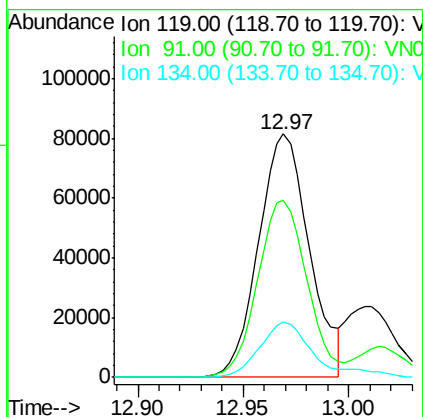
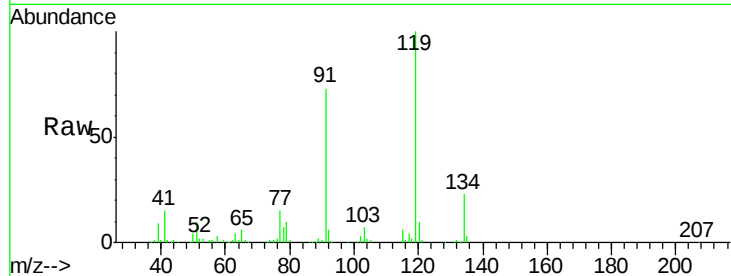




#83
 tert-Butylbenzene
 Concen: 21.736 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

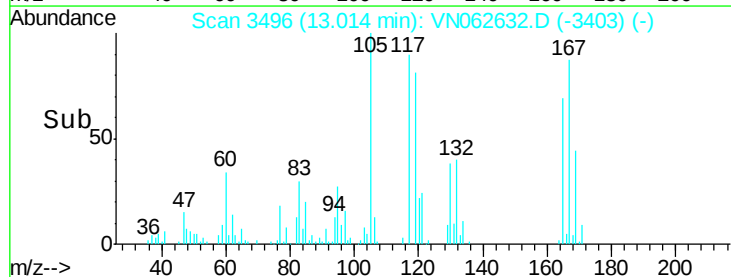
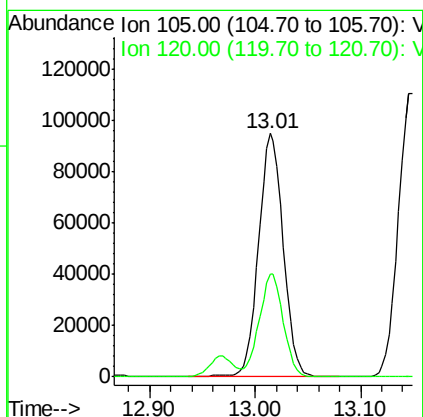
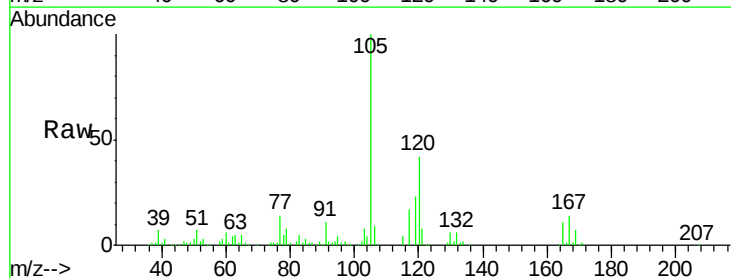
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 136895
 Ion Ratio Lower Upper
 119 100
 91 71.0 34.6 103.8
 134 22.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.855 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion:105 Resp: 155175
 Ion Ratio Lower Upper
 105 100
 120 41.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.996 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

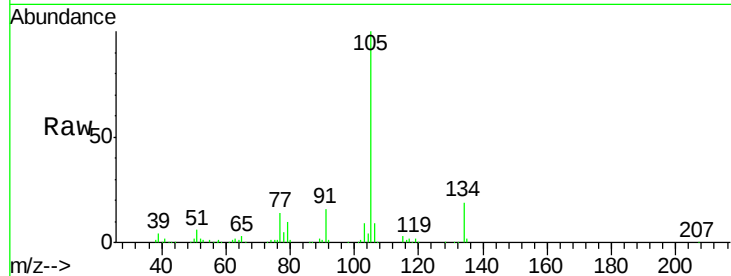
ClientSampleId :

Tot Ion:105 Resp: 177028

Ion Ratio Lower Upper

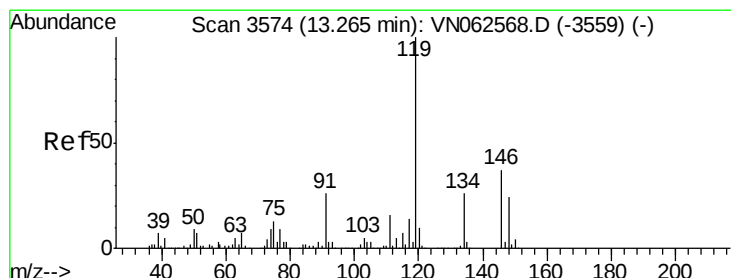
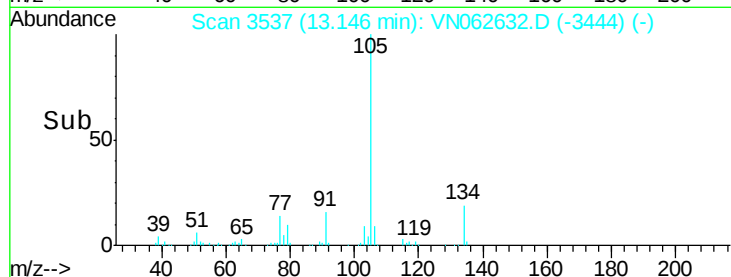
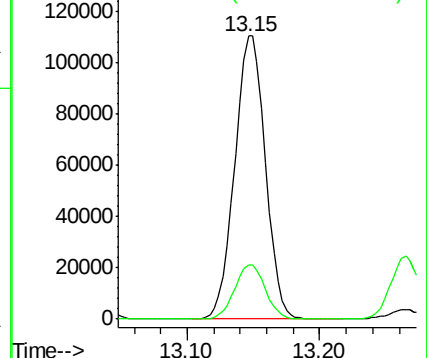
105 100

134 19.1 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.333 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

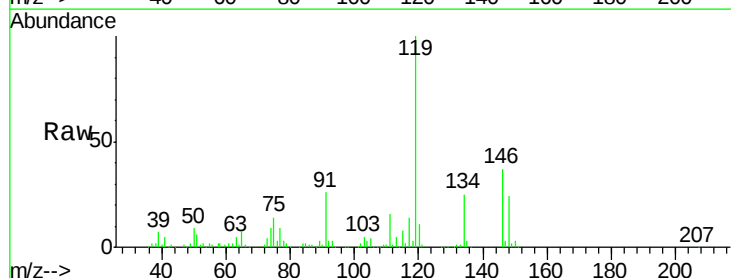
Tgt Ion:119 Resp: 154702

Ion Ratio Lower Upper

119 100

134 24.5 12.8 38.4

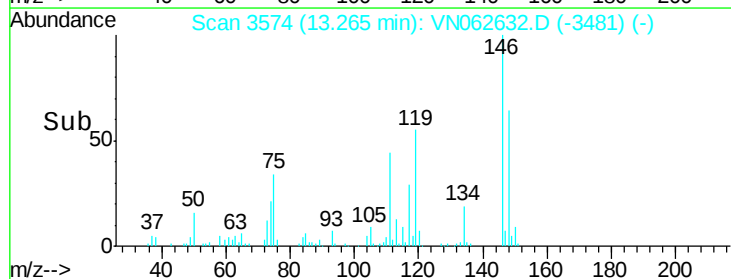
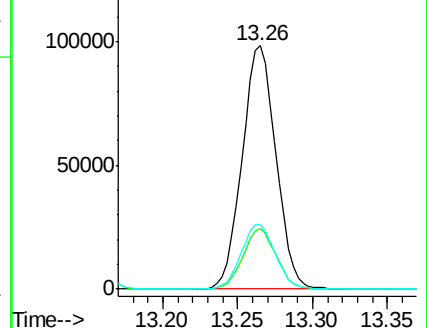
91 26.8 12.7 38.1

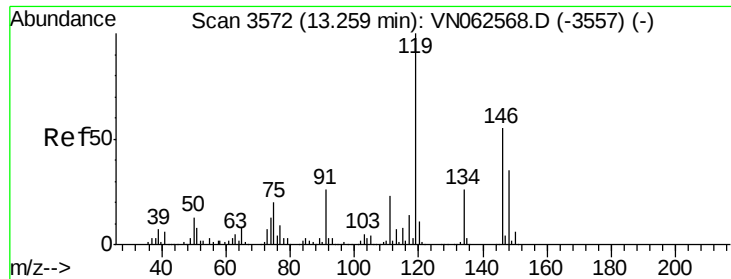


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.641 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

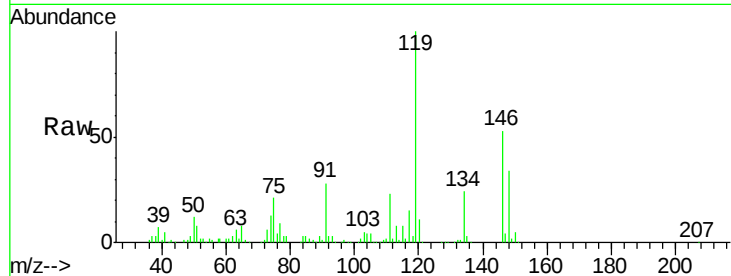
Tot Ion:146 Resp: 75739

Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.6	64.6
148	64.1	31.8	95.4

146 100

111 44.0 21.6 64.6

148 64.1 31.8 95.4

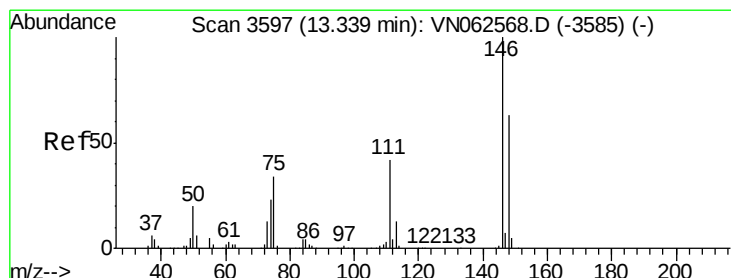
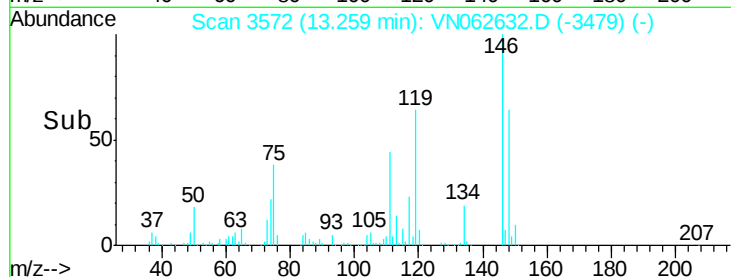
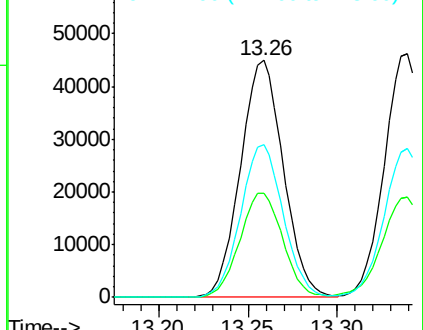


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.002 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

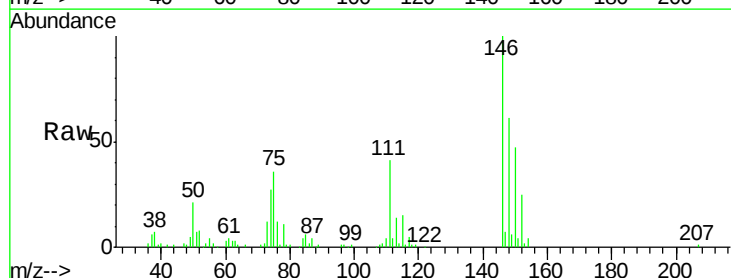
Tgt Ion:146 Resp: 75926

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.1	63.1
148	63.1	31.6	94.8

146 100

111 43.3 21.1 63.1

148 63.1 31.6 94.8

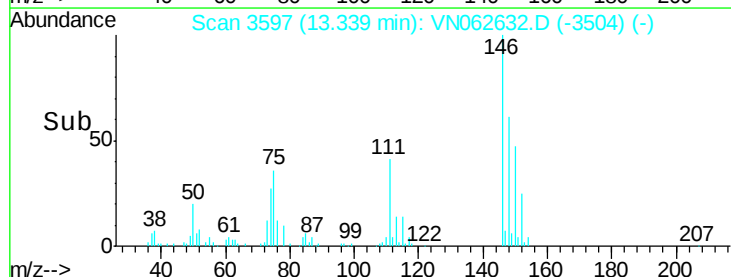
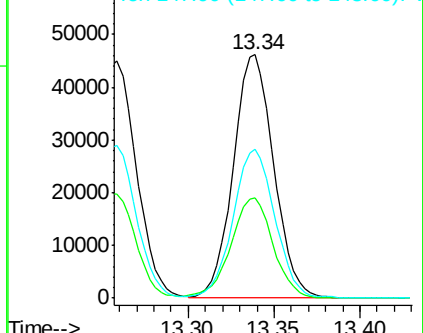


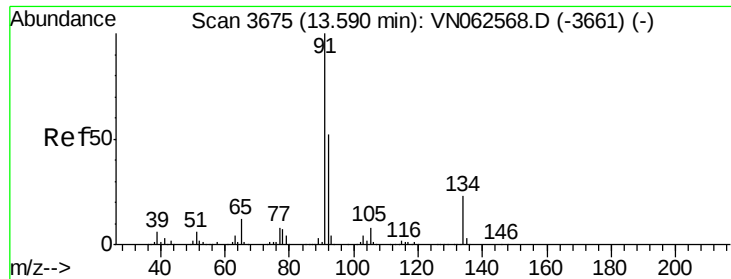
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.623 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

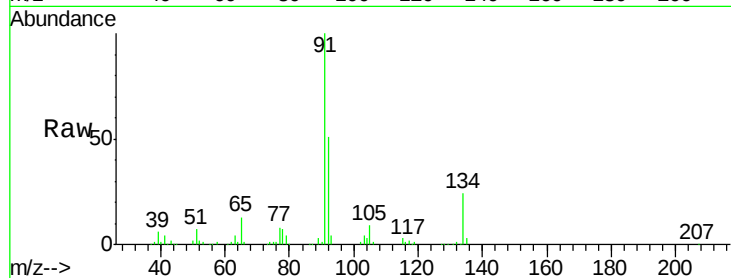
Tot Ion: 91 Resp: 122273

Ion Ratio Lower Upper

91 100

92 50.8 25.8 77.3

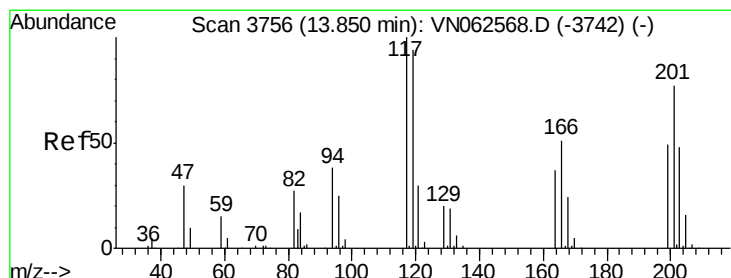
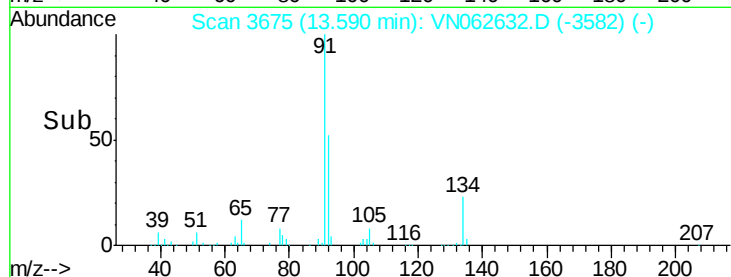
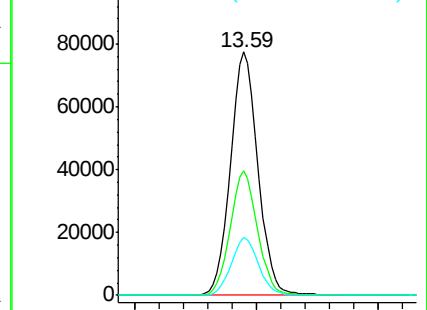
134 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062568.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062568.D (-3661) (-)



#90

Hexachloroethane

Concen: 19.539 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062632.D

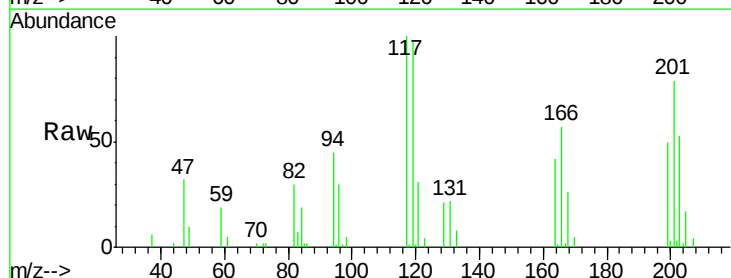
Acq: 28 Jul 2020 14:10

Tgt Ion: 117 Resp: 30164

Ion Ratio Lower Upper

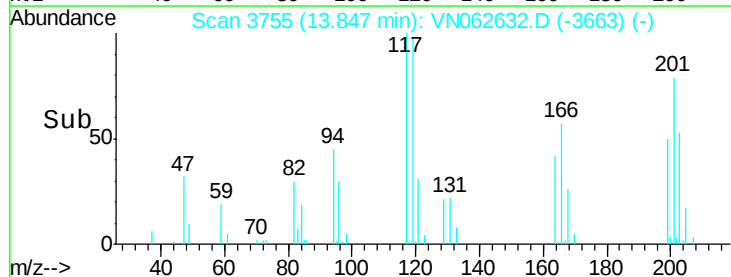
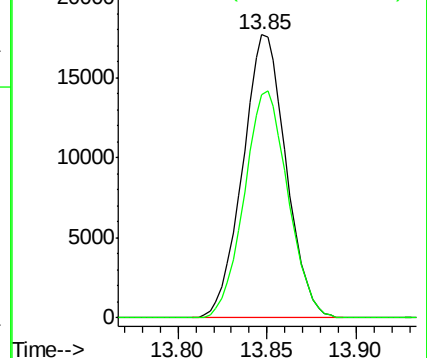
117 100

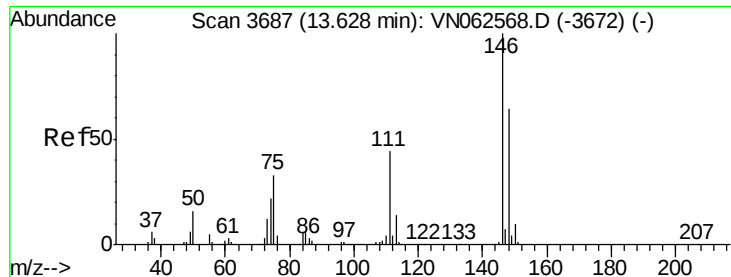
201 80.5 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062568.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062568.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 19.604 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

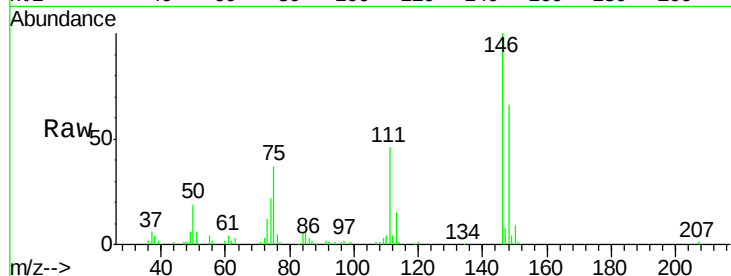
Tot Ion:146 Resp: 72283

Ion Ratio Lower Upper

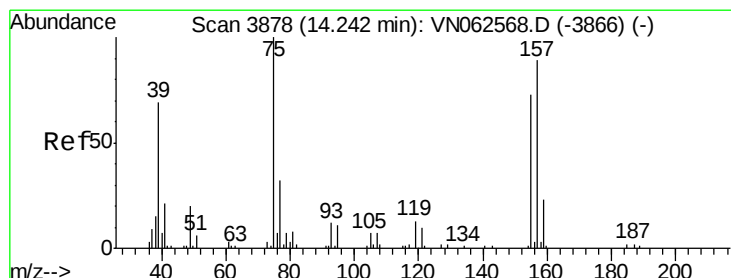
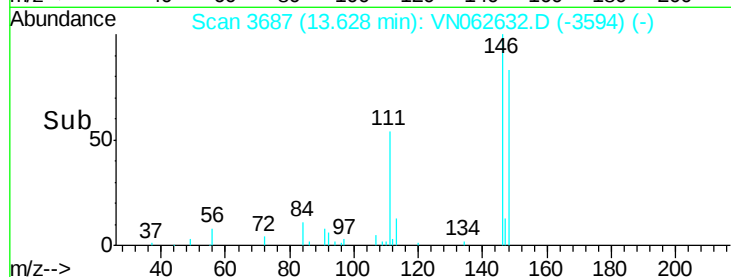
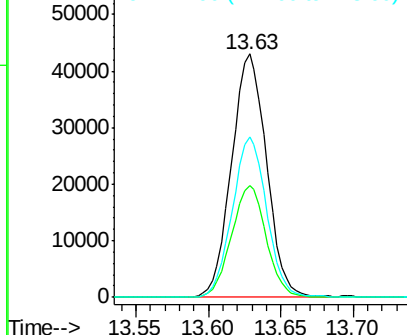
146 100

111 45.4 21.9 65.8

148 64.9 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.696 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. 0.00 min

Lab File: VN062632.D

Acq: 28 Jul 2020 14:10

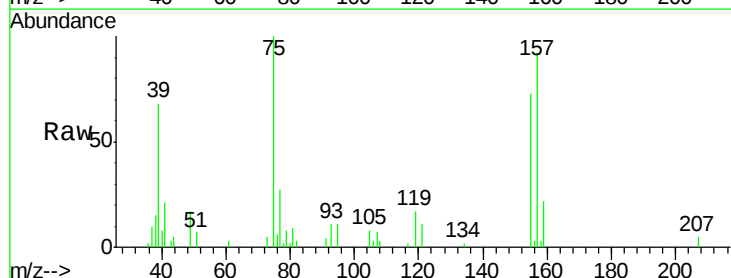
Tgt Ion: 75 Resp: 12516

Ion Ratio Lower Upper

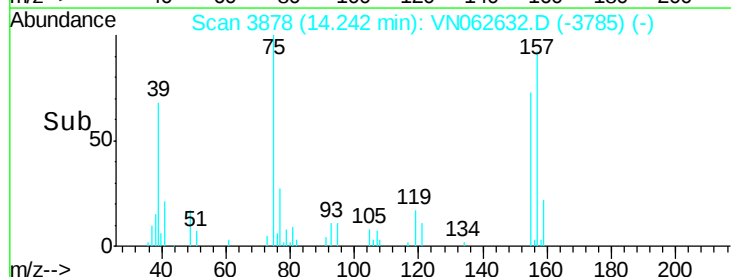
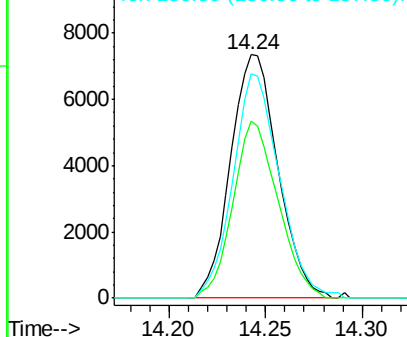
75 100

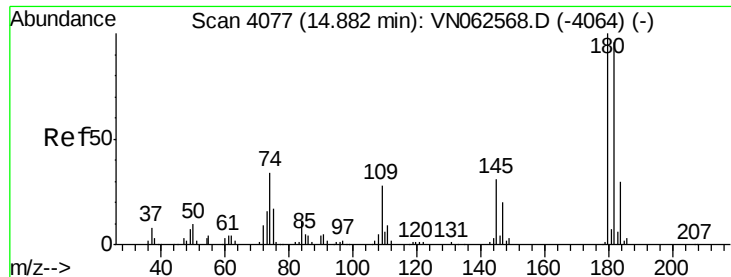
155 69.1 35.9 107.5

157 90.6 45.0 135.0



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

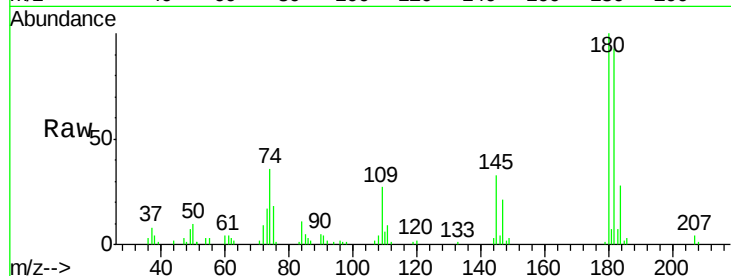




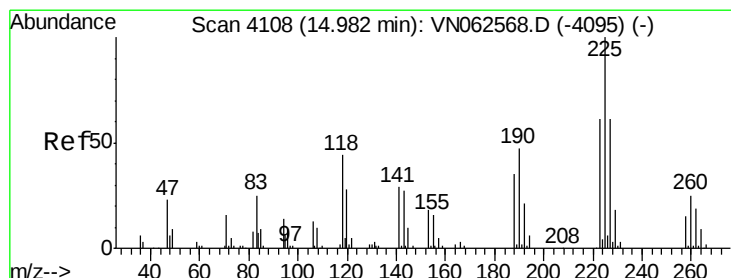
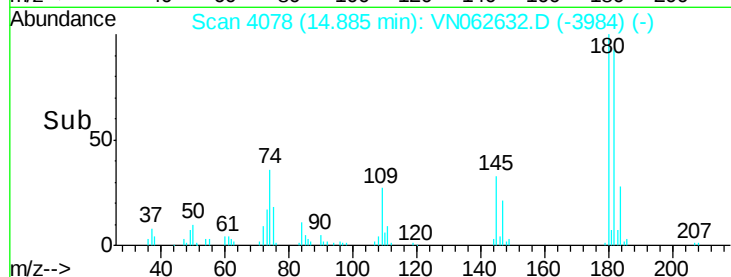
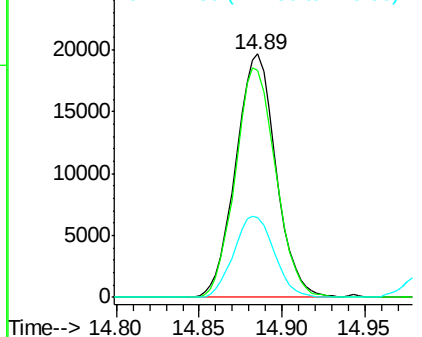
#93
 1,2,4-Trichlorobenzene
 Concen: 19.176 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 33220
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.8 143.3
 145 33.5 15.3 45.9

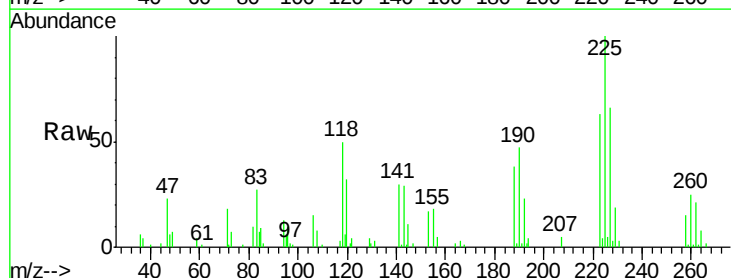


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

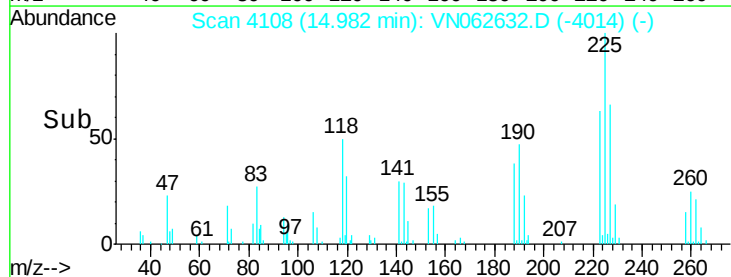
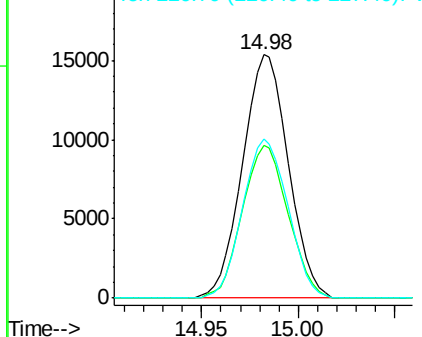


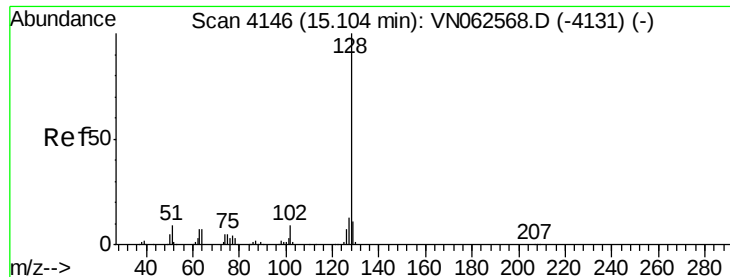
#94
 Hexachlorobutadiene
 Concen: 25.184 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062632.D
 Acq: 28 Jul 2020 14:10

Tgt Ion:225 Resp: 25336
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.0 96.0
 227 64.5 31.1 93.2



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

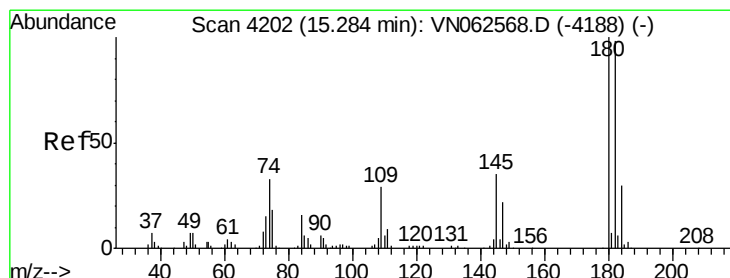
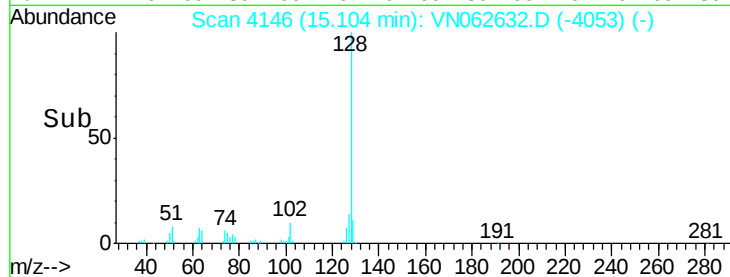
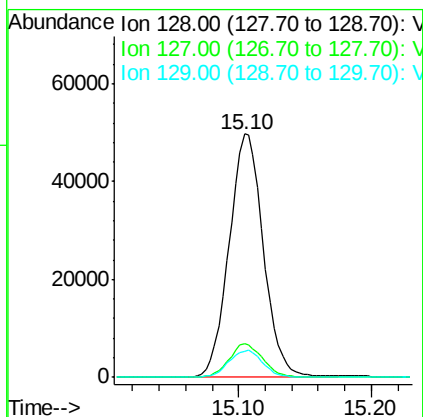
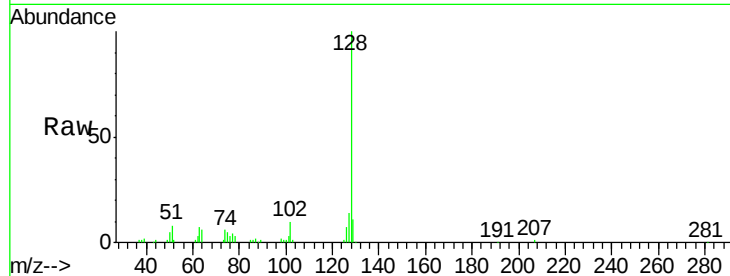




#95
Naphthalene
Concen: 19.825 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 89327
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.318 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062632.D
Acq: 28 Jul 2020 14:10

Tgt Ion:180 Resp: 33567
Ion Ratio Lower Upper
180 100
182 96.1 48.1 144.3
145 34.2 16.7 50.1

