

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063037.D
 Acq On : 20 Aug 2020 15:36
 Operator : JC/MD
 Sample : VN0820WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Quant Time: Aug 21 05:42:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	29709	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	152471	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	145255	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	63539	30.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.63%
60) 4-Bromofluorobenzene	12.38	95	67700	29.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.30%
63) Toluene-d8	10.06	98	201350	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	45392	21.370	ug/l 96
3) Chloromethane	2.04	50	49291	20.971	ug/l 99
4) Vinyl Chloride	2.16	62	47924	20.254	ug/l 98
5) Bromomethane	2.53	94	30925	21.203	ug/l 99
6) Chloroethane	2.67	64	28621	20.466	ug/l 99
7) Trichlorofluoromethane	2.98	101	58187	20.392	ug/l 98
8) Diethyl Ether	3.37	74	19381	20.422	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30308	19.644	ug/l 90
10) 1,1-Dichloroethene	3.70	96	26973	19.456	ug/l 96
11) Methyl Iodide	3.91	142	36807	19.350	ug/l 97
12) Methyl Acetate	4.28	43	19591	10.601	ug/l 96
13) Acrolein	3.57	56	15111	79.785	ug/l 100
14) Acrylonitrile	4.93	53	82570	102.043	ug/l 98
15) Acetone	3.77	58	22993	98.182	ug/l 98
16) Carbon Disulfide	4.00	76	73698	19.802	ug/l 99
17) Allyl chloride	4.28	41	49905	19.617	ug/l 97
18) Methylene Chloride	4.50	84	49938	25.745	ug/l 99
19) trans-1,2-Dichloroethene	4.98	96	29718	19.494	ug/l 95
20) Diisopropyl ether	5.90	45	124393	20.878	ug/l 99
21) 1,1-Dichloroethane	5.80	63	66255	20.262	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	37770	19.992	ug/l 97
23) tert-Butyl Alcohol	4.73	59	27257	102.820	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	101159	19.890	ug/l 99
25) Chloroform	7.33	83	65202	20.022	ug/l 97
26) Cyclohexane	7.61	56	54579	19.389	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	42948	19.396	ug/l 99
30) 2-Butanone	6.78	43	102731	99.541	ug/l 100
31) 2,2-Dichloropropane	6.77	77	51616	19.178	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	53105	19.913	ug/l 99
33) Carbon Tetrachloride	7.73	117	43438	19.128	ug/l 95
34) Benzene	8.00	78	140276	19.769	ug/l 96
35) Methacrylonitrile	7.12	41	18063	18.415	ug/l 96
36) 1,2-Dichloroethane	8.09	62	48837	20.174	ug/l 100
37) Trichloroethene	8.80	130	34130	19.640	ug/l 99
38) Methylcyclohexane	9.04	83	52601	18.940	ug/l 99
39) 1,2-Dichloropropane	9.08	63	40912	19.811	ug/l 98
40) Dibromomethane	9.17	93	24642	20.552	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063037.D
 Acq On : 20 Aug 2020 15:36
 Operator : JC/MD
 Sample : VN0820WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Quant Time: Aug 21 05:42:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	52878	19.901	ug/l	99
42) Vinyl Acetate	5.84	43	374942	95.902	ug/l	100
43) Ethyl Acetate	6.88	43	38840	19.717	ug/l	99
44) Isopropyl Acetate	8.12	43	66756	20.187	ug/l	98
45) 1,4-Dioxane	9.17	88	13626	439.946	ug/l	95
46) Methyl methacrylate	9.17	41	31875	19.578	ug/l	95
47) n-amyl Acetate	12.05	43	53848	18.346	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	54278	19.342	ug/l	94
49) cis-1,3-Dichloropropene	9.81	75	59526	19.488	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	37128	20.083	ug/l	94
51) Ethyl methacrylate	10.40	69	47647	18.943	ug/l	97
52) 1,3-Dichloropropane	10.68	76	61300	20.070	ug/l	98
53) Dibromochloromethane	10.87	129	40146	19.789	ug/l	98
54) 1,2-Dibromoethane	10.98	107	35651	20.102	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	47252	91.459	ug/l	99
56) Bromoform	12.10	173	28823	19.402	ug/l	96
58) 4-Methyl-2-Pentanone	9.95	43	213798	102.317	ug/l	100
59) 2-Hexanone	10.72	43	149146	100.058	ug/l	99
61) Tetrachloroethene	10.60	164	31866	20.012	ug/l	98
62) Toluene	10.12	91	153102	19.888	ug/l	99
64) Chlorobenzene	11.40	112	93847	19.701	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	37195	19.701	ug/l	100
66) Ethyl Benzene	11.48	91	159288	18.982	ug/l	98
67) m/p-Xylenes	11.59	106	122114	38.844	ug/l	100
68) o-Xylene	11.92	106	57458	19.027	ug/l	98
69) Styrene	11.94	104	102531	19.436	ug/l	99
70) Isopropylbenzene	12.22	105	157981	19.231	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	52382	19.884	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	63190	27.033	ug/l	61
73) Bromobenzene	12.50	156	44048	19.883	ug/l	97
74) n-propylbenzene	12.57	91	184459	18.719	ug/l	100
75) 2-Chlorotoluene	12.65	91	113032	19.246	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	133750	19.078	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	15414	18.657	ug/l	97
78) 4-Chlorotoluene	12.75	91	115216	19.027	ug/l	98
79) tert-butylbenzene	12.97	119	111320	18.872	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	124777	18.284	ug/l	99
81) sec-Butylbenzene	13.15	105	153127	18.845	ug/l	100
82) p-Isopropyltoluene	13.27	119	129687	18.003	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	73510	19.005	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	72002	19.046	ug/l	98
85) n-Butylbenzene	13.59	91	99760	16.664	ug/l	99
86) Hexachloroethane	13.85	117	26719	18.832	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	70207	18.952	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	7899	18.903	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	29582	16.181	ug/l	99
90) Hexachlorobutadiene	14.98	225	25497	18.843	ug/l	97
91) Naphthalene	15.10	128	61235	15.158	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	31041	17.007	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
Data File : VN063037.D
Acq On : 20 Aug 2020 15:36
Operator : JC/MD
Sample : VN0820WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Quant Time: Aug 21 05:42:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Aug 20 14:01:17 2020
Response via : Initial Calibration

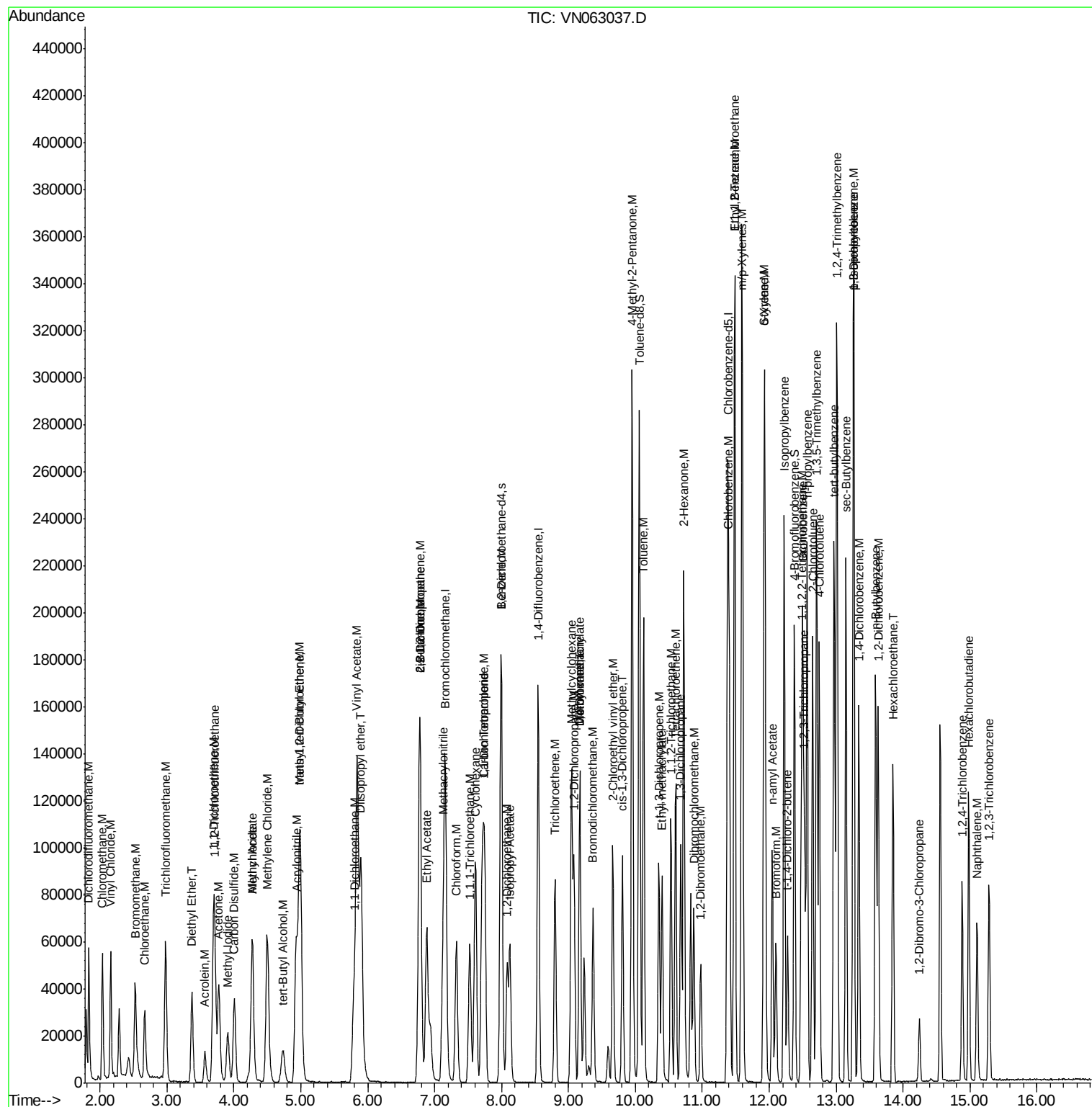
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

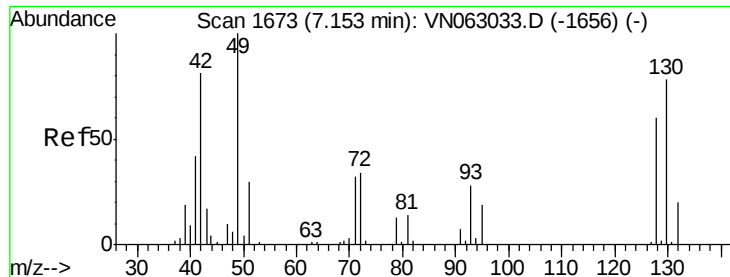
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
Data File : VN063037.D
Acq On : 20 Aug 2020 15:36
Operator : JC/MD
Sample : VN0820WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Quant Time: Aug 21 05:42:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Aug 20 14:01:17 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampled :

VN0820WBSD01

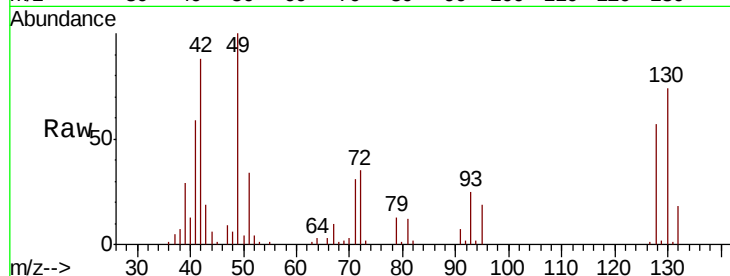
Tot Ion:128 Resp: 29709

Ion Ratio Lower Upper

128 100

49 175.4 0.0 437.5

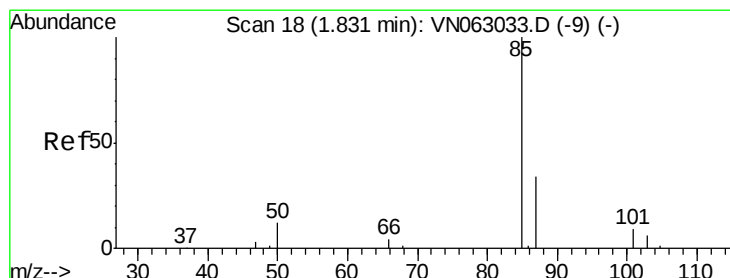
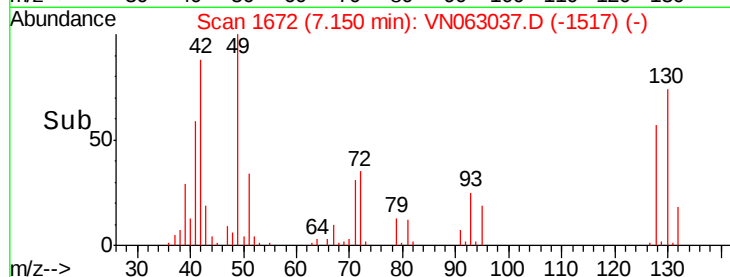
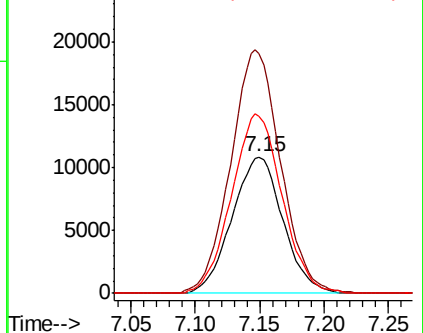
130 131.1 0.0 327.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.370 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN063037.D

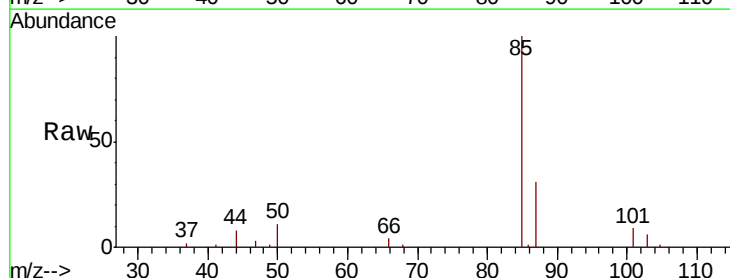
Acq: 20 Aug 2020 15:36

Tgt Ion: 85 Resp: 45392

Ion Ratio Lower Upper

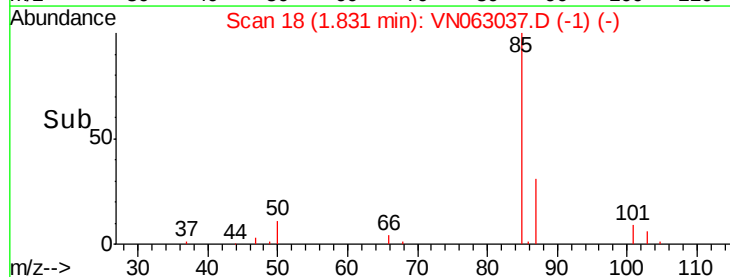
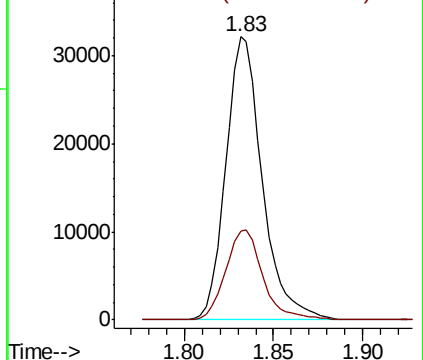
85 100

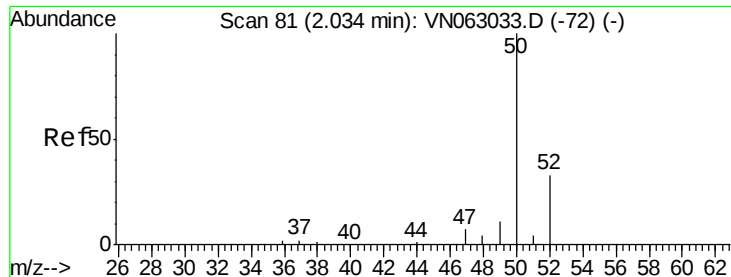
87 31.5 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

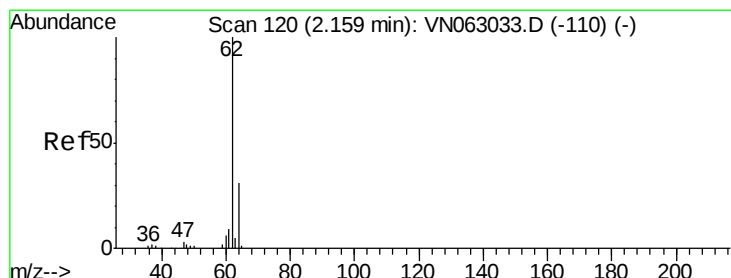
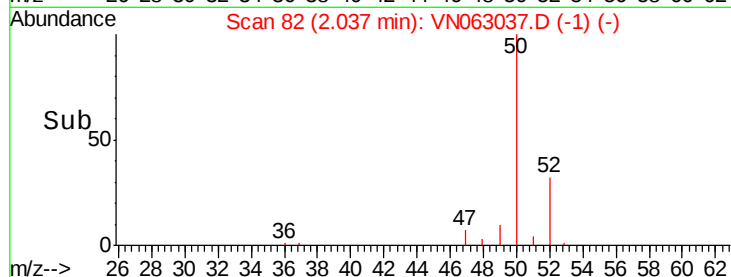
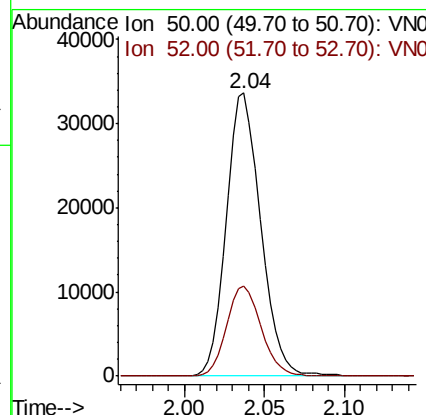
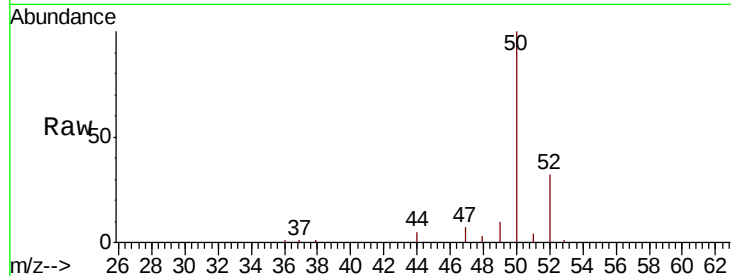




#3
Chloromethane
Concen: 20.971 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

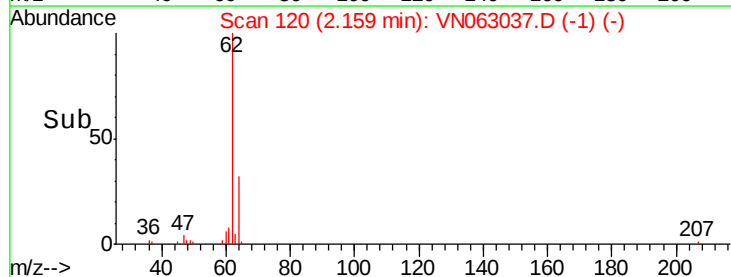
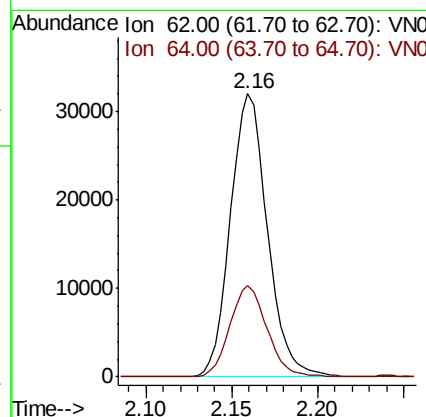
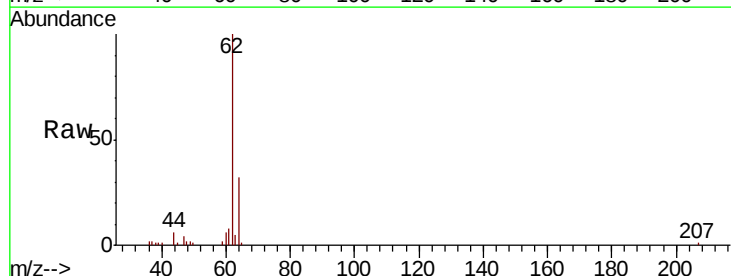
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

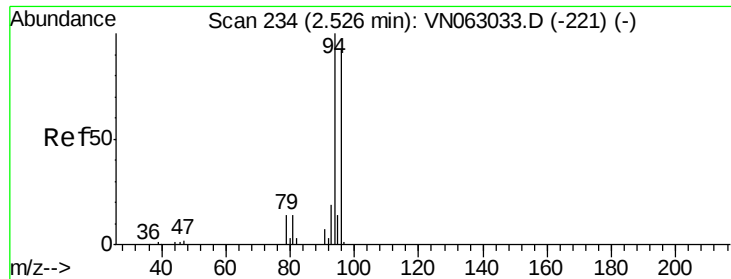
Tot Ion: 50 Resp: 49291
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0



#4
Vinyl Chloride
Concen: 20.254 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 62 Resp: 47924
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.4





#5

Bromomethane

Concen: 21.203 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

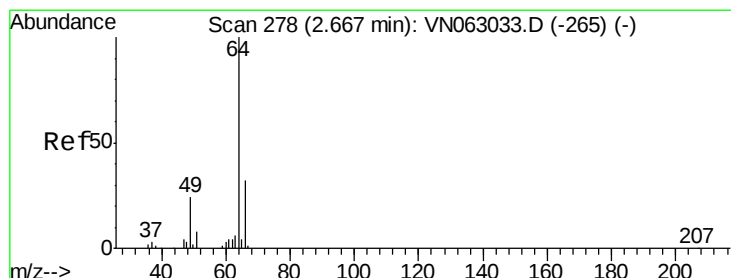
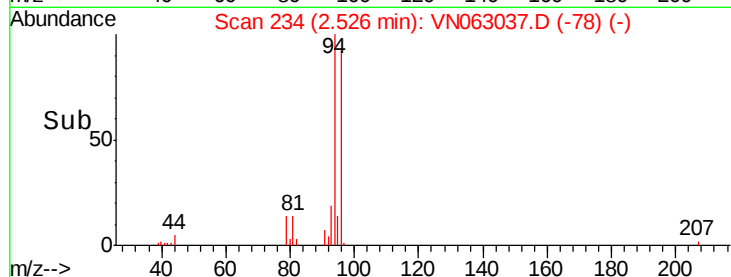
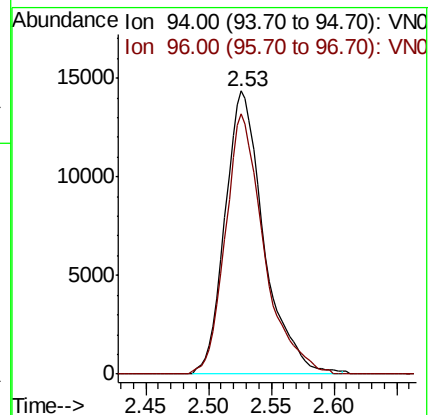
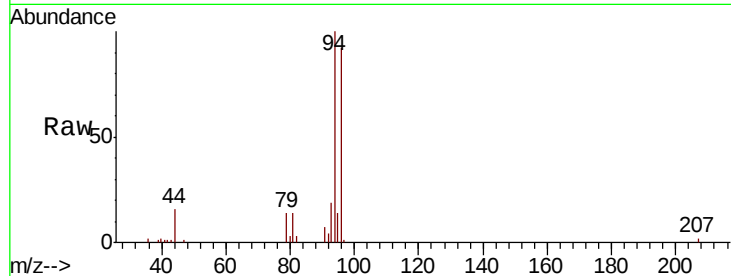
VN0820WBSD01

Tot Ion: 94 Resp: 30925

Ion Ratio Lower Upper

94 100

96 92.0 74.0 111.0



#6

Chloroethane

Concen: 20.466 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN063037.D

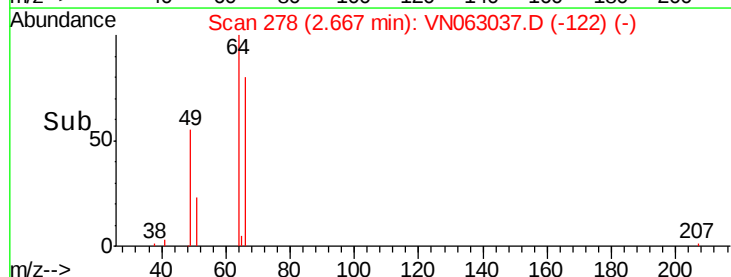
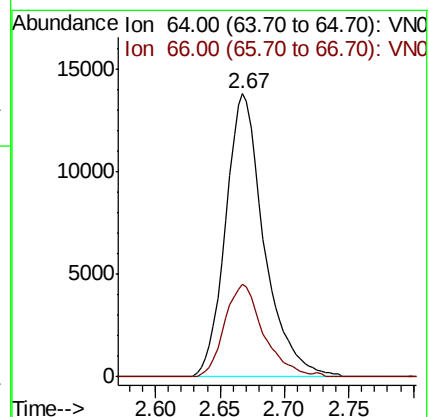
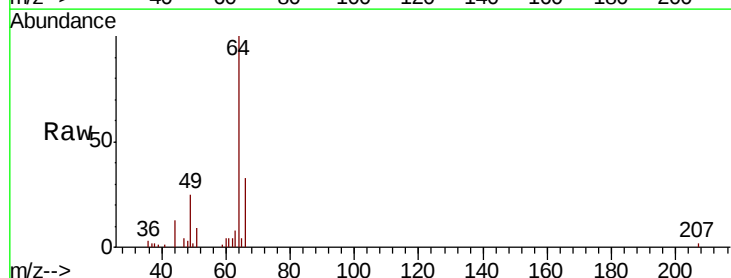
Acq: 20 Aug 2020 15:36

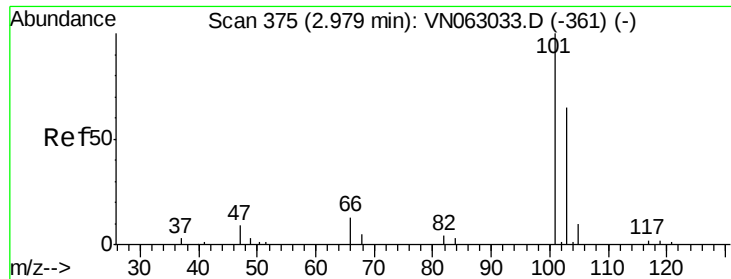
Tgt Ion: 64 Resp: 28621

Ion Ratio Lower Upper

64 100

66 32.8 25.8 38.8



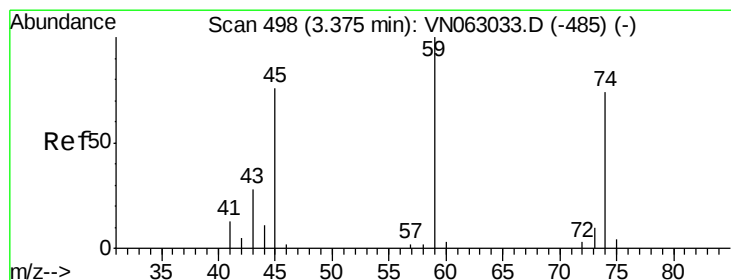
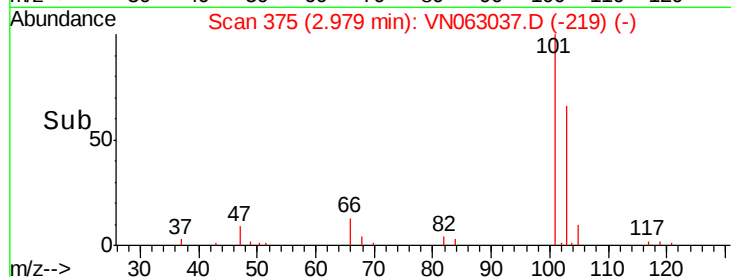
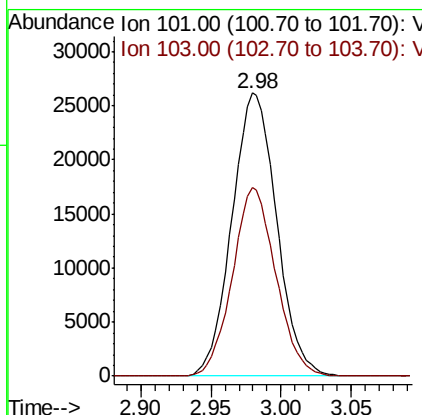
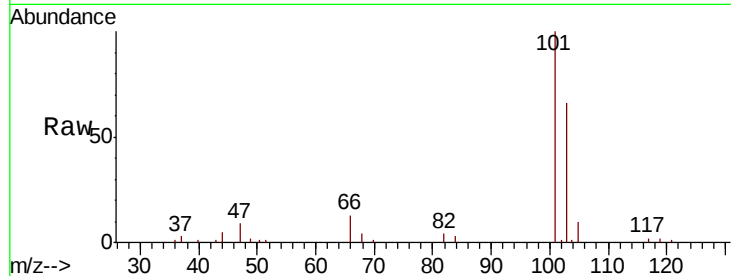


#7

Trichlorofluoromethane
 Concen: 20.392 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

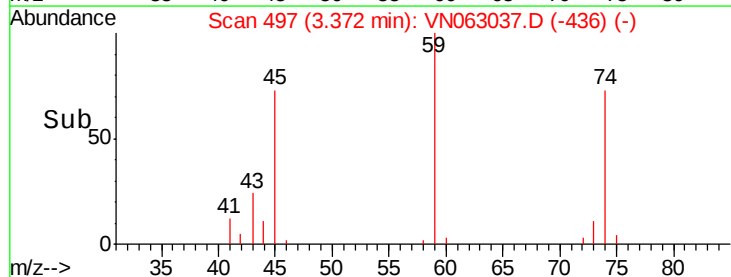
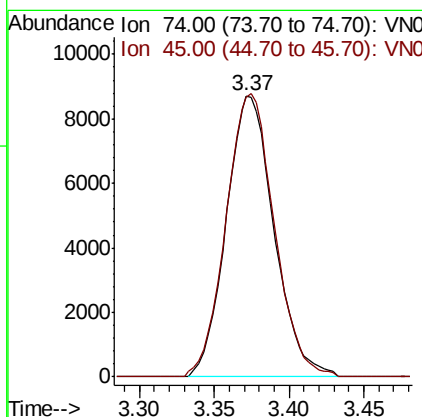
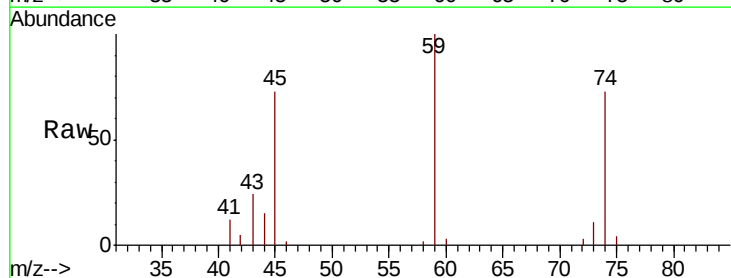
Tot Ion:101 Resp: 58187
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.9 77.9

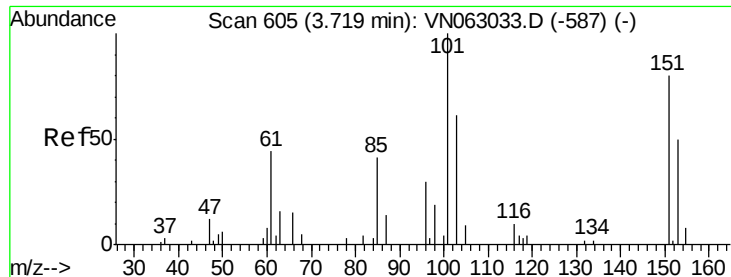


#8

Diethyl Ether
 Concen: 20.422 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion: 74 Resp: 19381
 Ion Ratio Lower Upper
 74 100
 45 101.5 20.6 185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.644 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

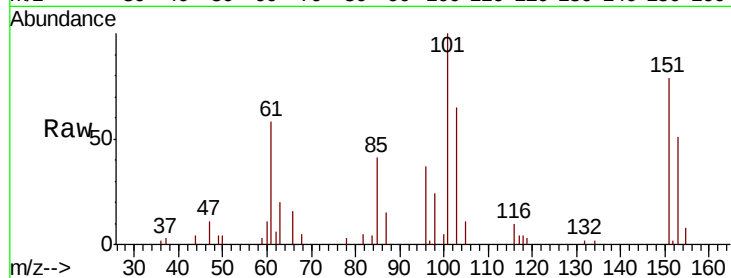
Tot Ion:101 Resp: 30308

Ion Ratio Lower Upper

101 100

85 27.1 0.0 85.0

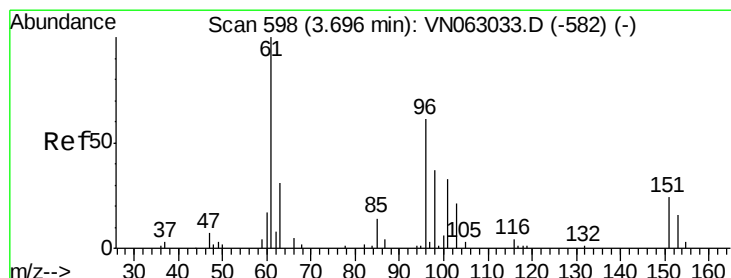
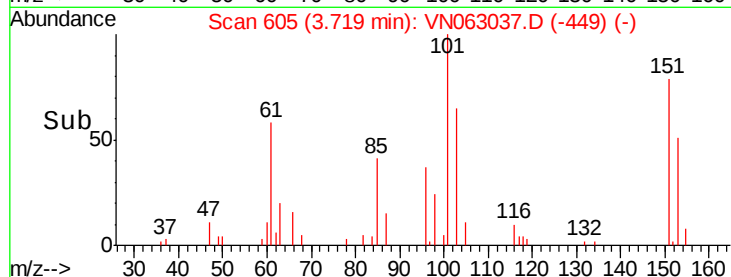
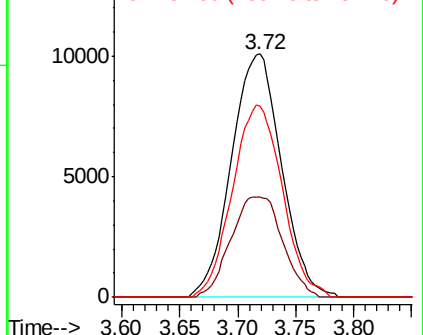
151 78.7 0.0 161.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.456 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

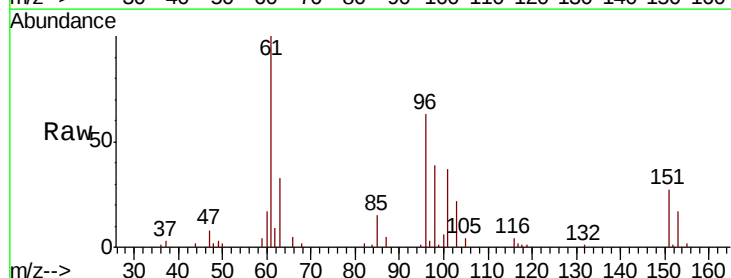
Tgt Ion: 96 Resp: 26973

Ion Ratio Lower Upper

96 100

61 157.7 130.8 196.2

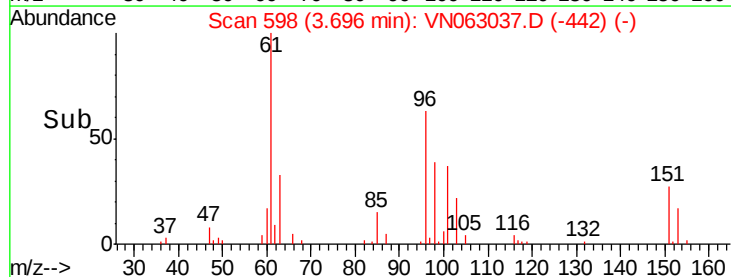
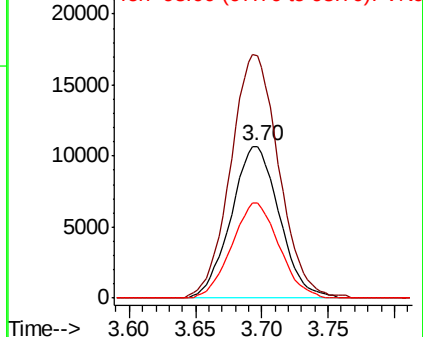
98 62.4 49.0 73.4

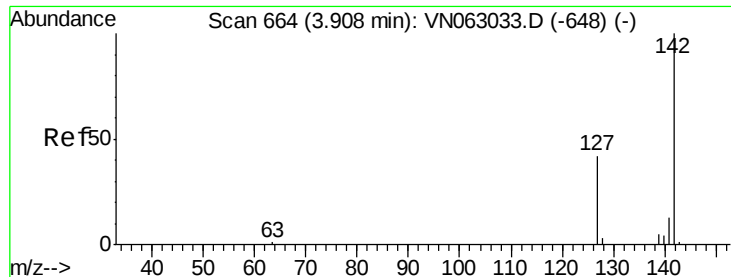


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

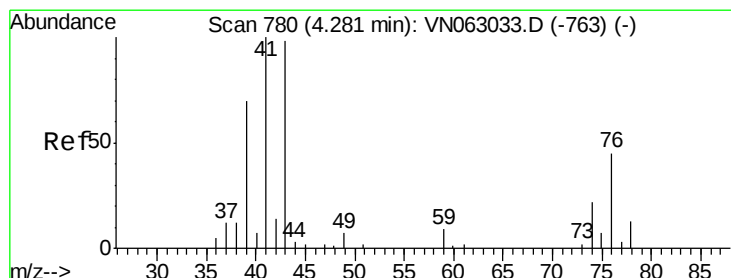
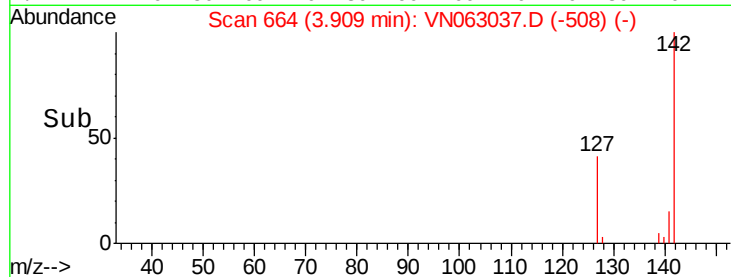
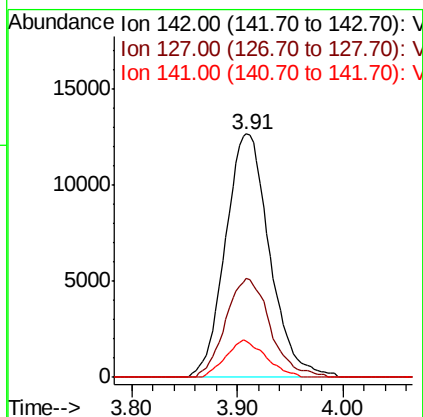
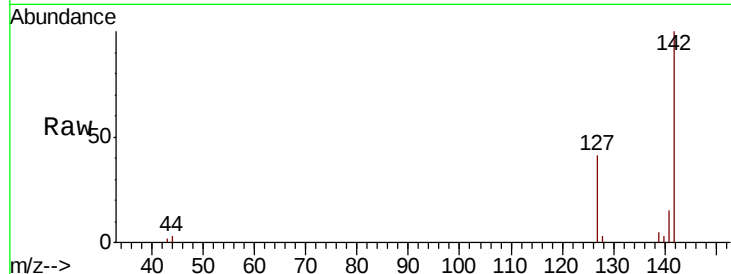




#11
Methvl Iodide
Concen: 19.350 ug/l
RT: 3.91 min Scan# 664
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

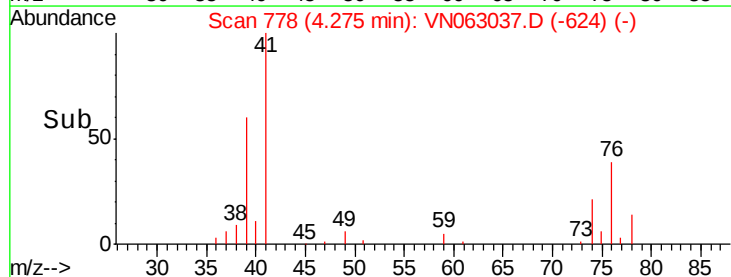
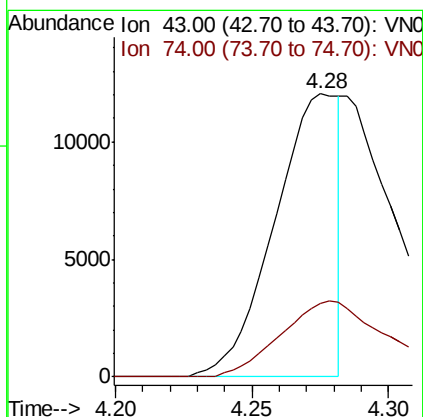
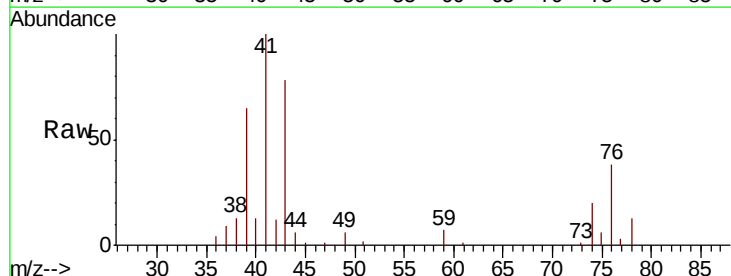
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

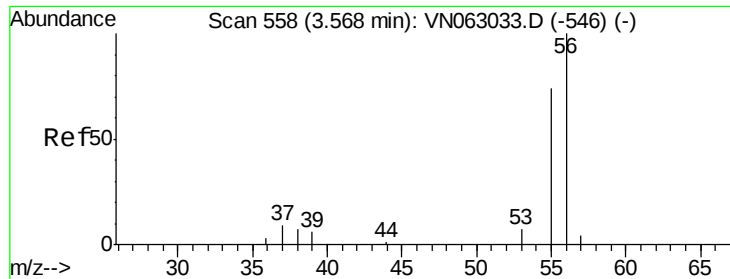
Tot Ion:142 Resp: 36807
Ion Ratio Lower Upper
142 100
127 40.5 20.9 62.8
141 15.1 6.7 20.1



#12
Methyl Acetate
Concen: 10.601 ug/l
RT: 4.28 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 43 Resp: 19591
Ion Ratio Lower Upper
43 100
74 25.1 18.6 27.8





#13

Acrolein

Concen: 79.785 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

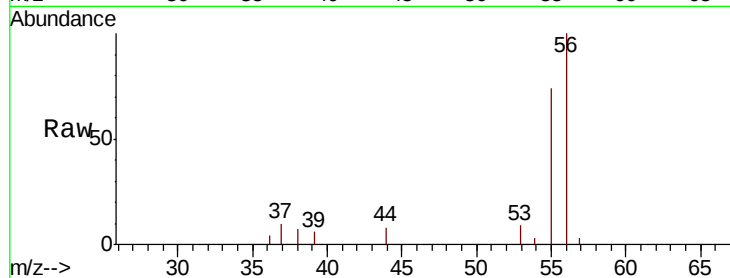
VN0820WBSD01

Tot Ion: 56 Resp: 15111

Ion Ratio Lower Upper

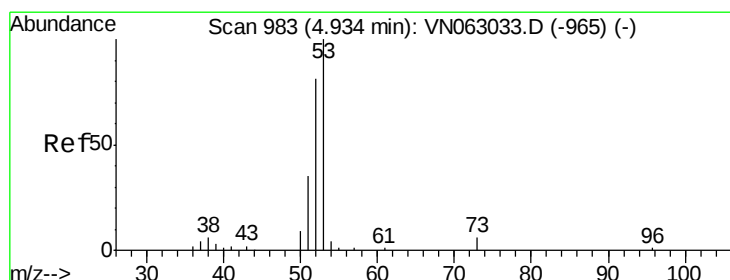
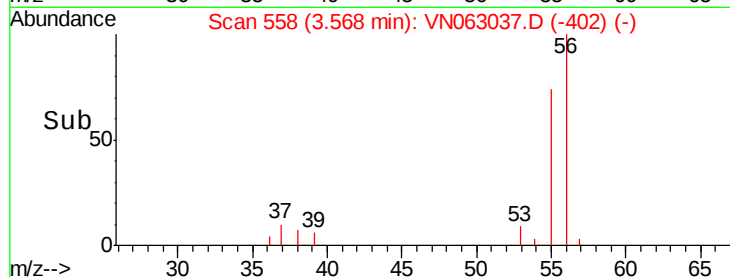
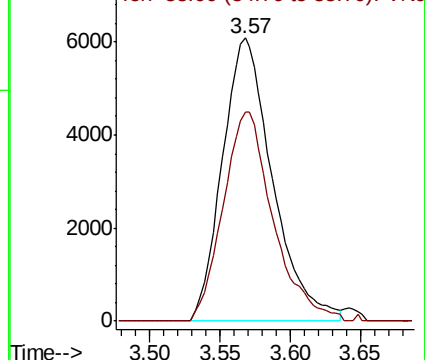
56 100

55 73.2 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 102.043 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.01 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

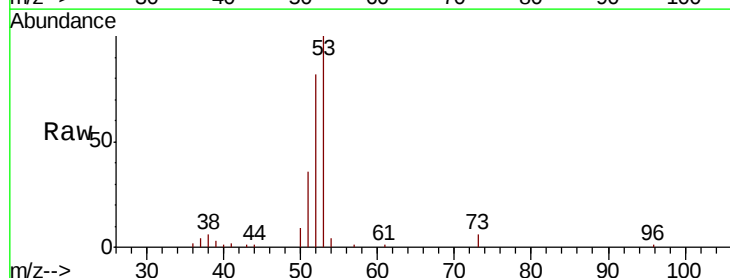
Tgt Ion: 53 Resp: 82570

Ion Ratio Lower Upper

53 100

52 81.9 39.9 119.7

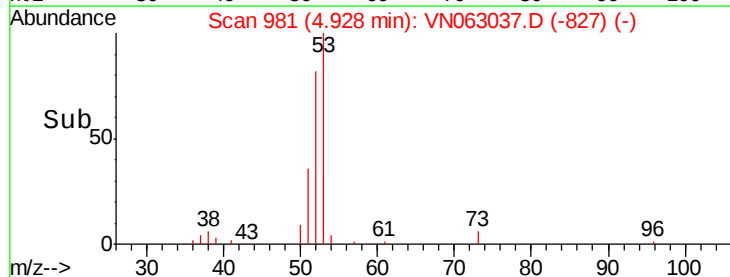
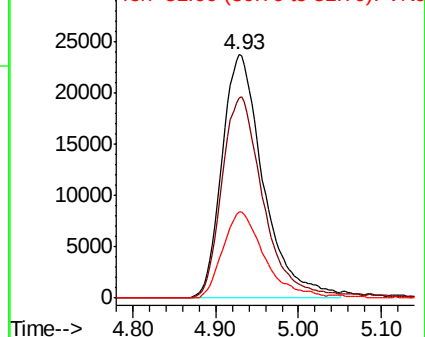
51 35.5 17.0 51.0

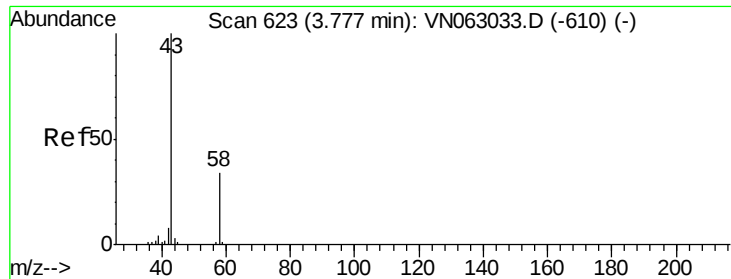


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 98.182 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampled :

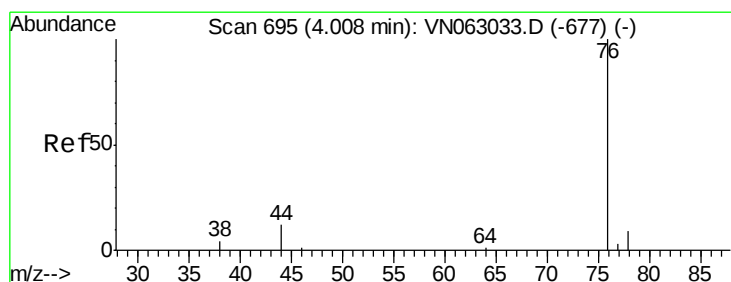
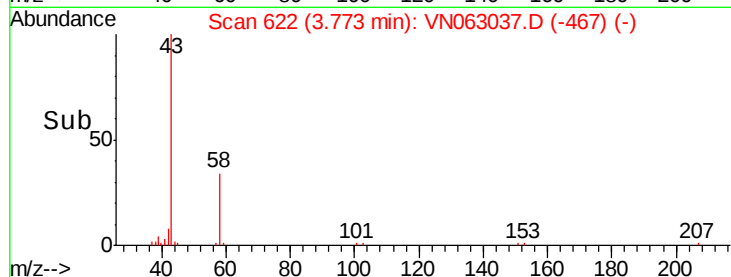
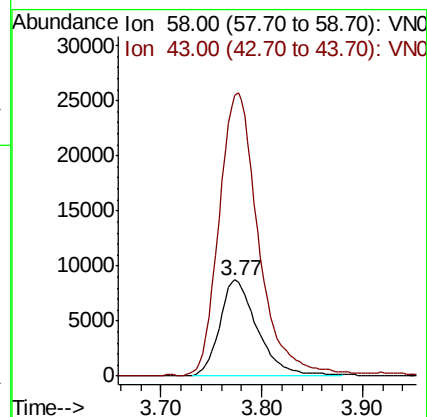
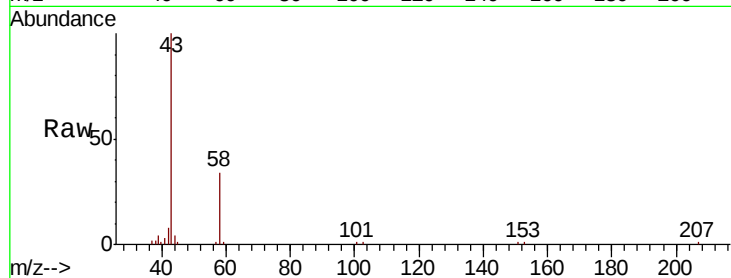
VN0820WBSD01

Tot Ion: 58 Resp: 22993

Ion Ratio Lower Upper

58 100

43 287.4 233.2 349.8



#16

Carbon Disulfide

Concen: 19.802 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN063037.D

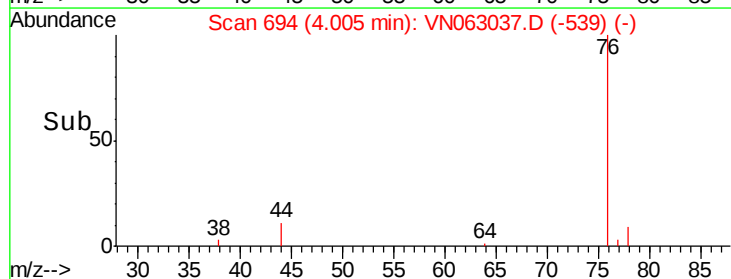
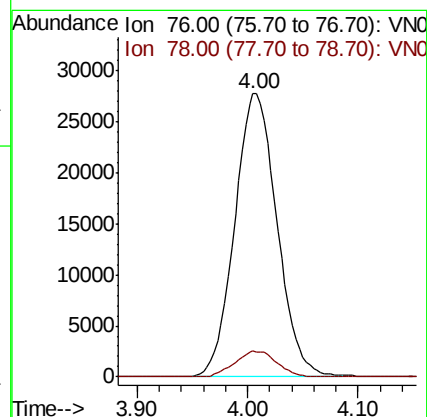
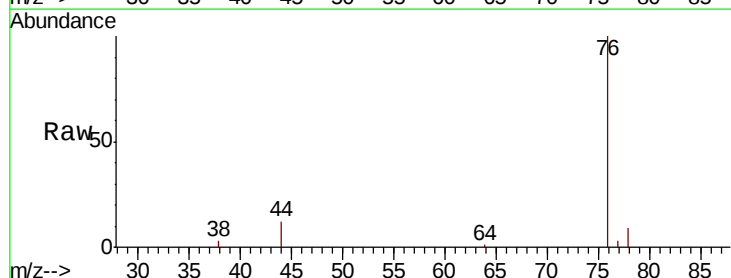
Acq: 20 Aug 2020 15:36

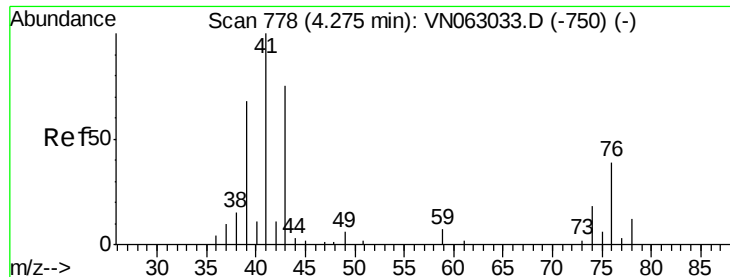
Tgt Ion: 76 Resp: 73698

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

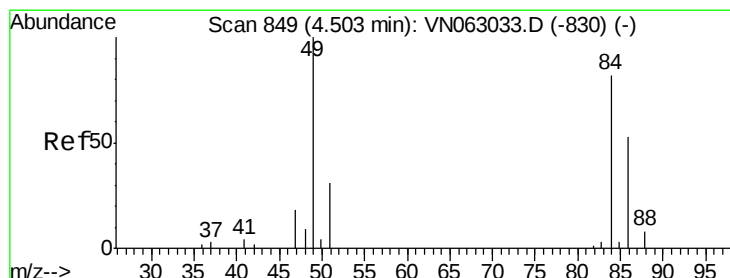
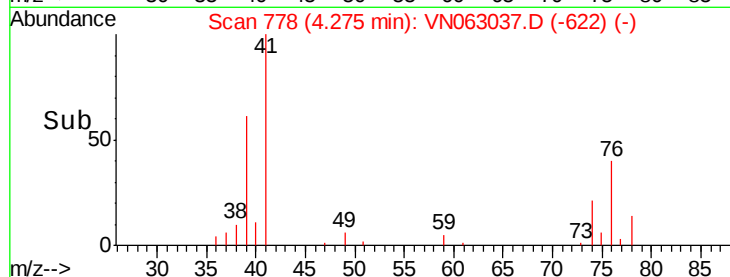
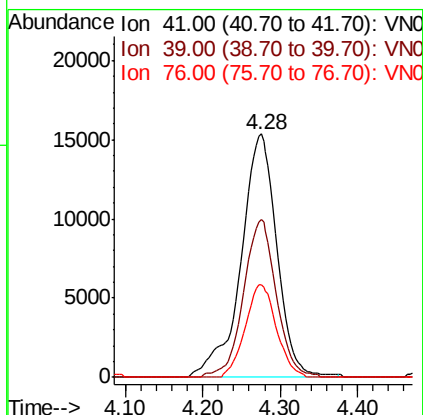
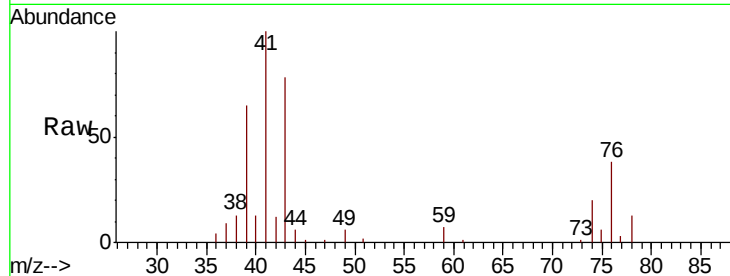




#17
Allvl chloride
Concen: 19.617 ug/l
RT: 4.28 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

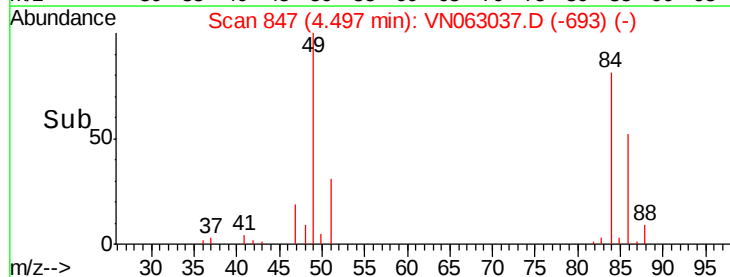
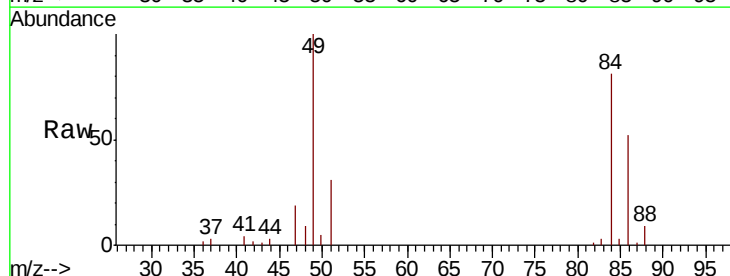
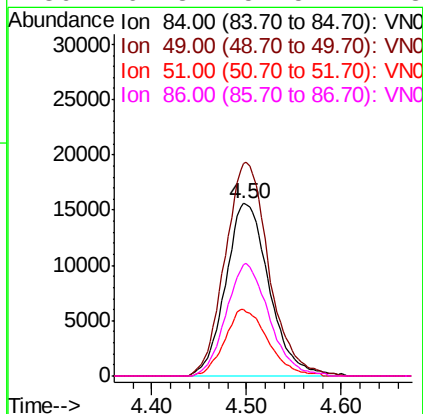
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

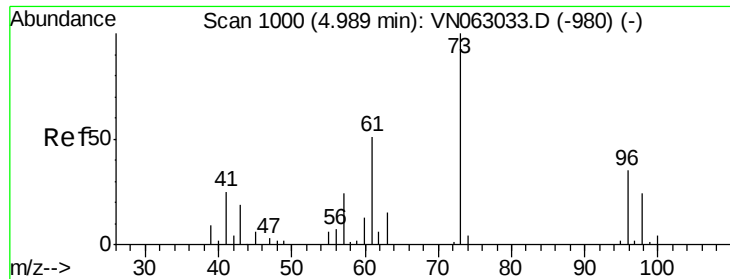
Tot Ion: 41 Resp: 49905
Ion Ratio Lower Upper
41 100
39 64.8 33.8 101.4
76 37.9 19.4 58.4



#18
Methylene Chloride
Concen: 25.745 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 84 Resp: 49938
Ion Ratio Lower Upper
84 100
49 123.3 97.8 146.8
51 38.6 30.7 46.1
86 64.3 51.5 77.3

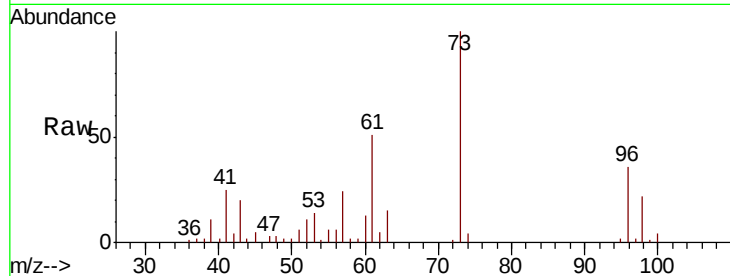




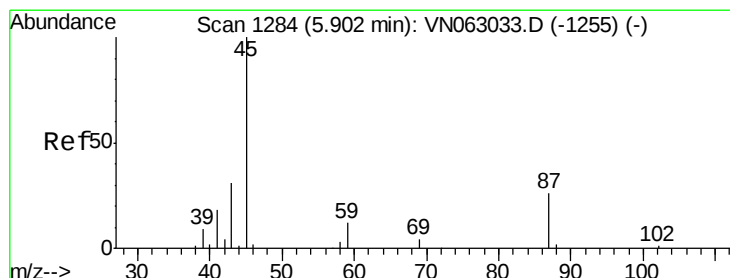
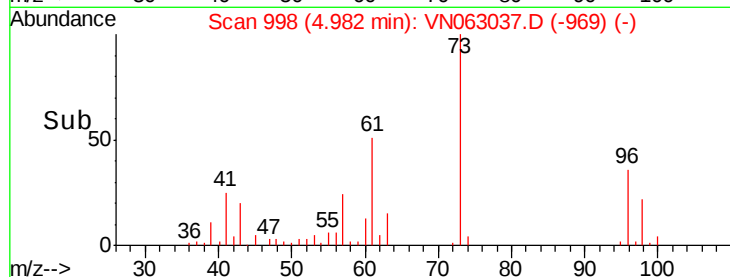
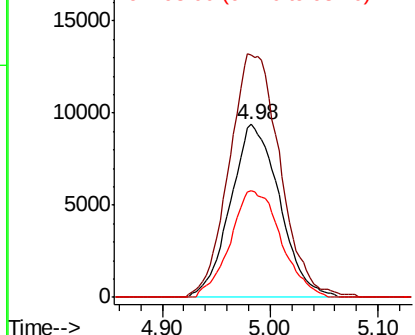
#19
trans-1,2-Dichloroethene
Concen: 19.494 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion: 96 Resp: 29718
Ion Ratio Lower Upper
96 100
61 138.4 115.9 173.9
98 62.0 53.3 79.9

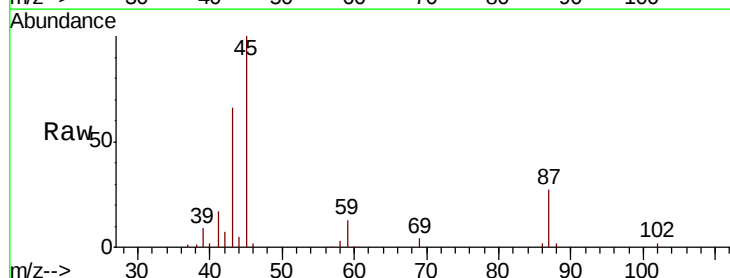


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

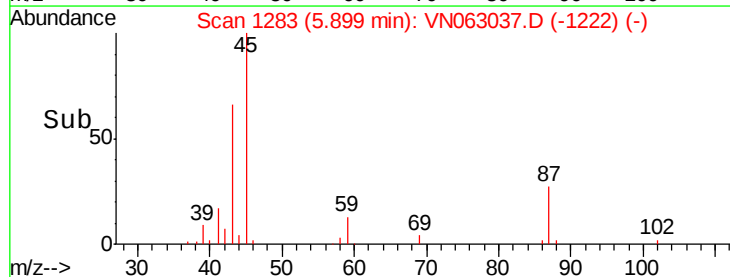
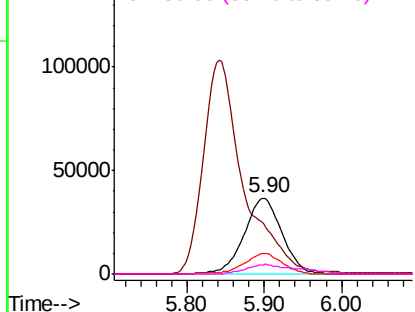


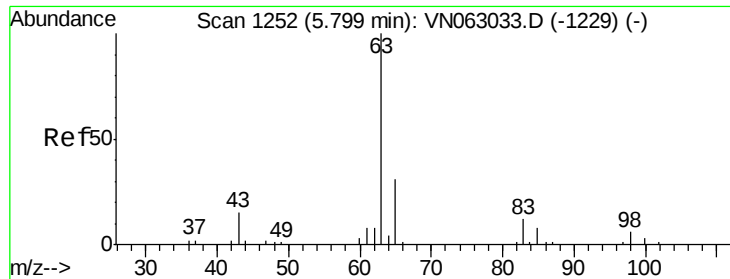
#20
Diisopropyl ether
Concen: 20.878 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 45 Resp: 124393
Ion Ratio Lower Upper
45 100
43 63.1 51.8 77.6
87 27.1 21.8 32.6
59 12.5 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

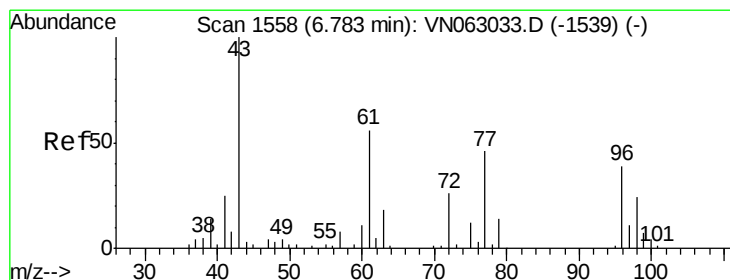
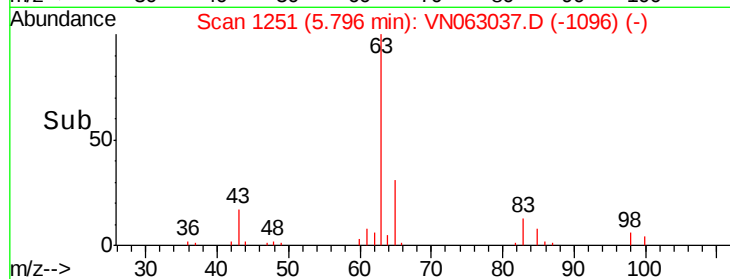
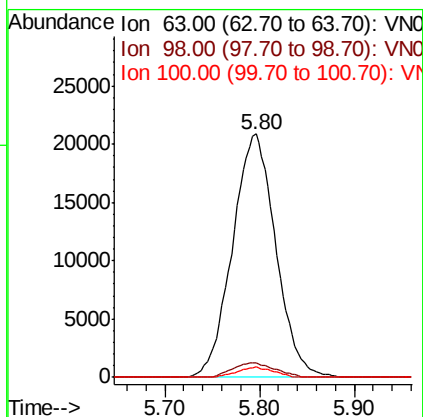
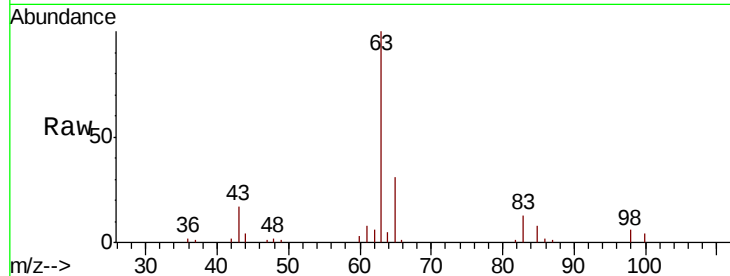




#21
 1,1-Dichloroethane
 Concen: 20.262 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

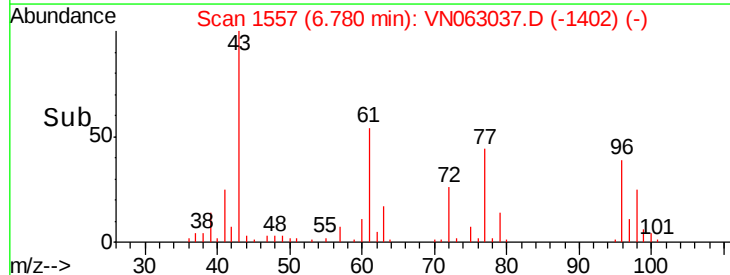
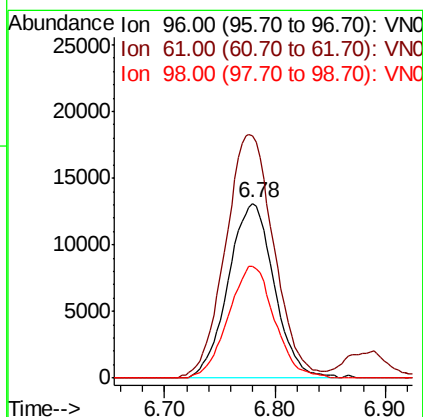
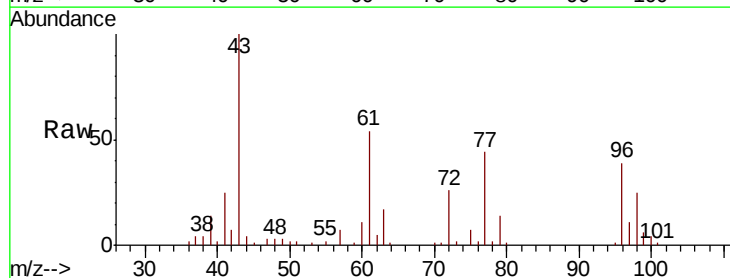
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

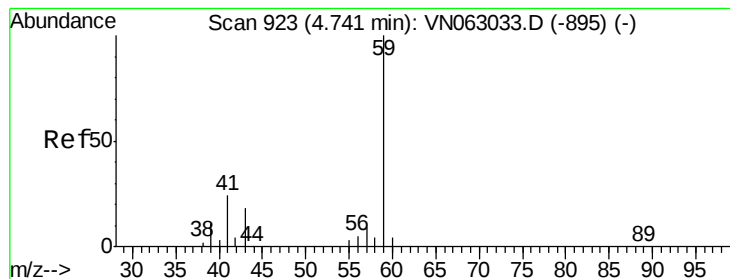
Tot Ion:	63	Resp:	66255
Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.1	9.3
100	4.2	1.8	5.3



#22
 cis-1,2-Dichloroethene
 Concen: 19.992 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion:	96	Resp:	37770
Ion	Ratio	Lower	Upper
96	100		
61	147.3	120.9	181.3
98	64.5	50.3	75.5





#23

tert-Butyl Alcohol

Concen: 102.820 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.01 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

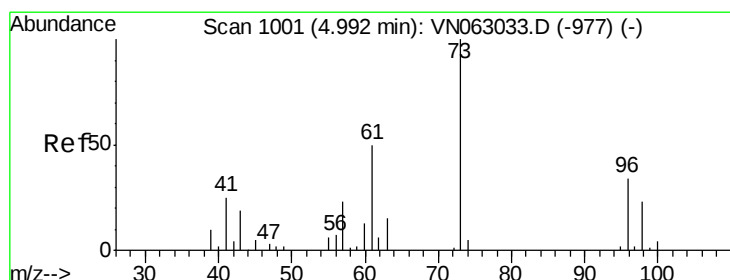
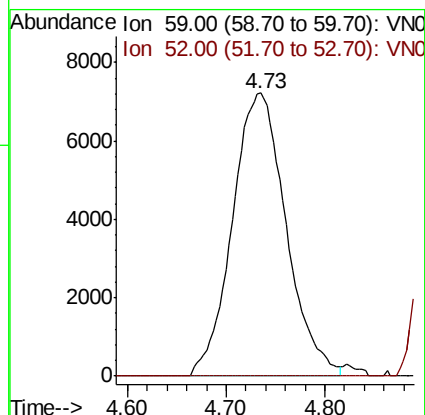
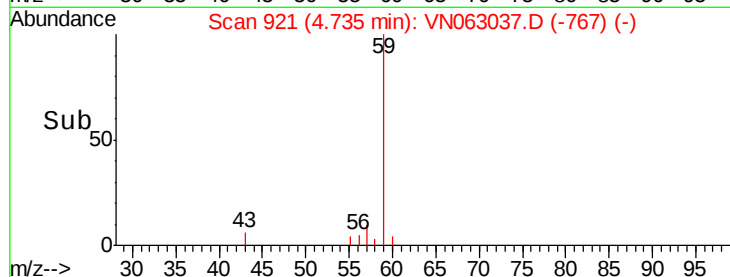
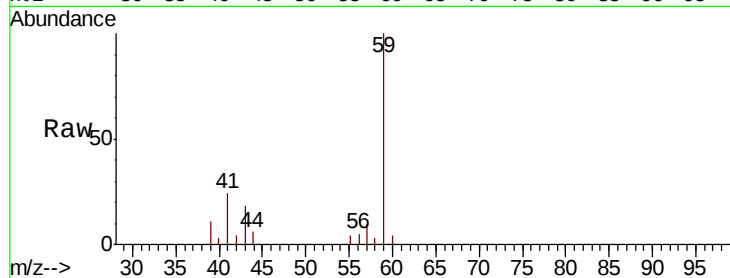
VN0820WBSD01

Tot Ion: 59 Resp: 27257

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 19.890 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN063037.D

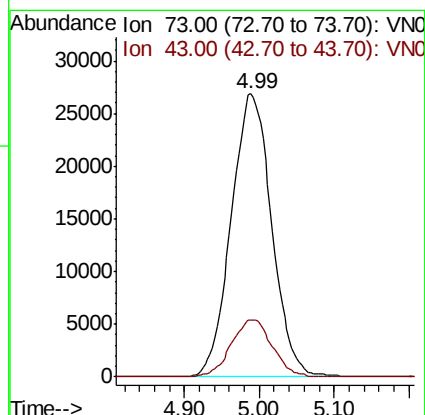
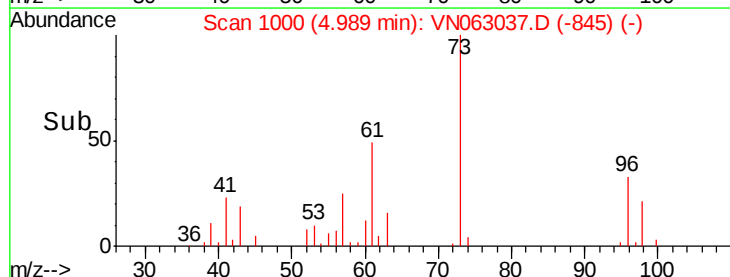
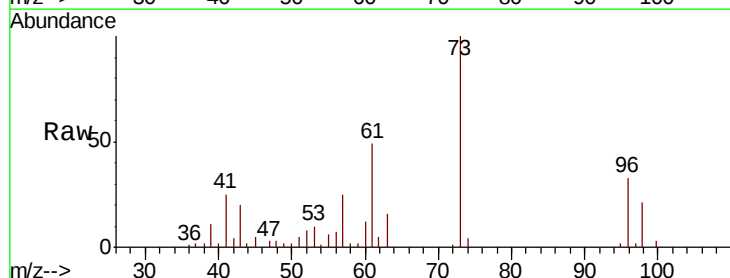
Acq: 20 Aug 2020 15:36

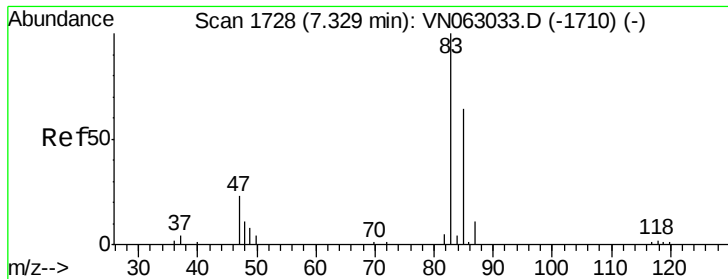
Tgt Ion: 73 Resp: 101159

Ion Ratio Lower Upper

73 100

43 20.3 15.8 23.6





#25

Chloroform

Concen: 20.022 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

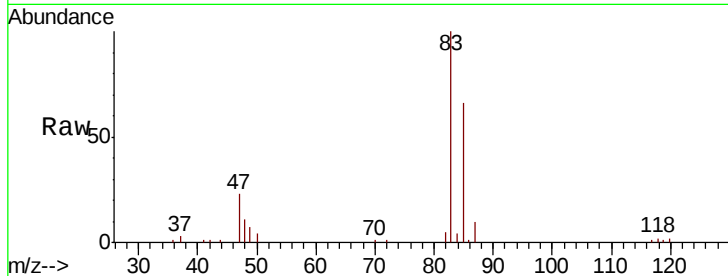
VN0820WBSD01

Tot Ion: 83 Resp: 65202

Ion Ratio Lower Upper

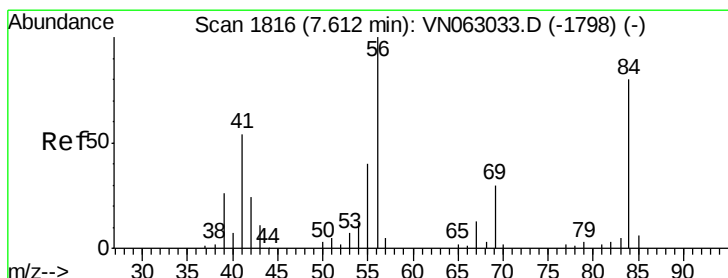
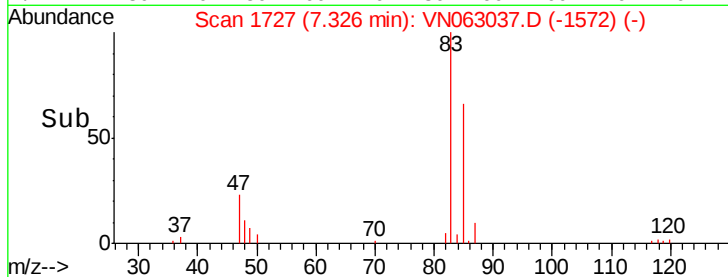
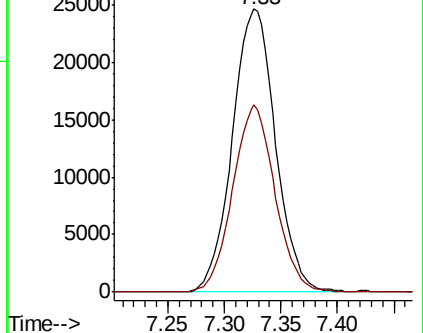
83 100

85 66.0 51.0 76.4



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 19.389 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

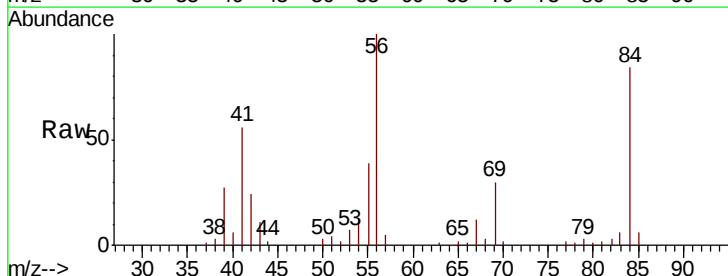
Tgt Ion: 56 Resp: 54579

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

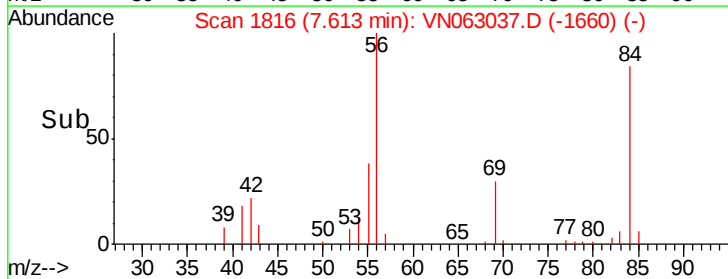
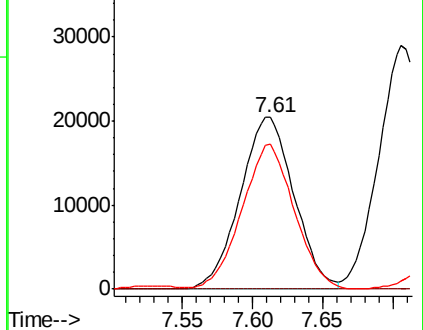
84 82.0 65.0 97.4

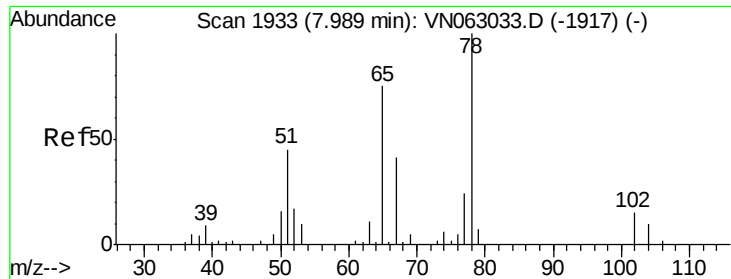


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

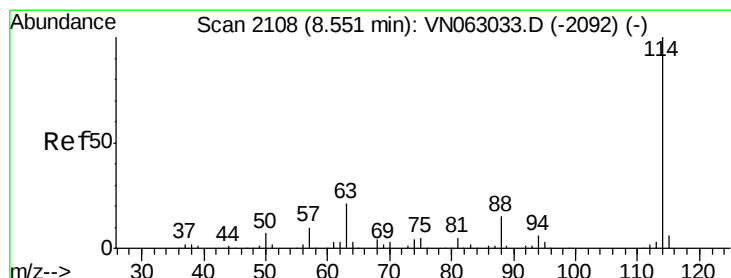
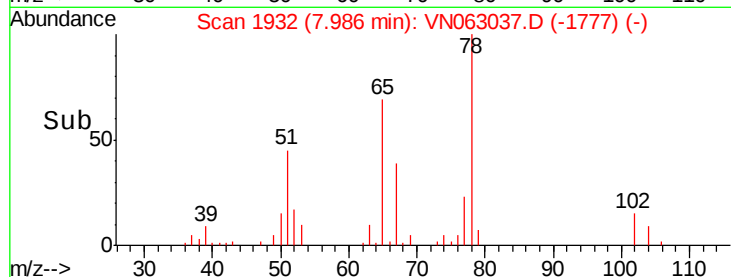
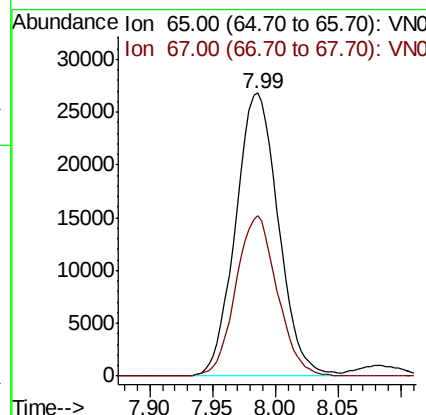
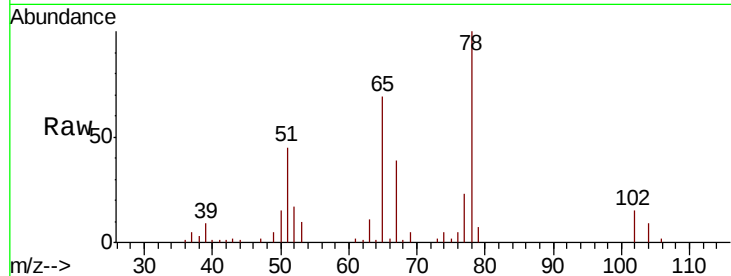




#27
 1,2-Dichloroethane-d4
 Concen: 30.185 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

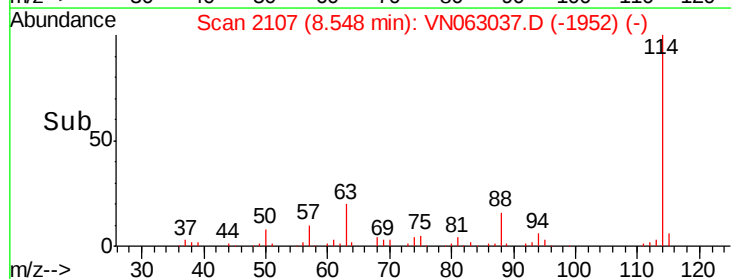
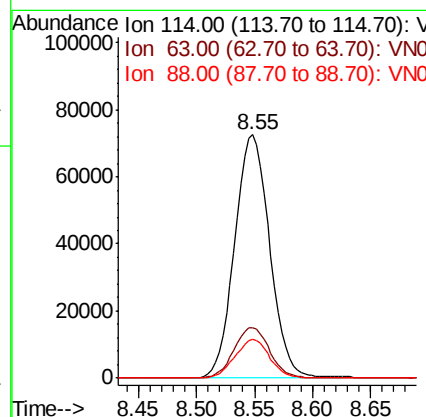
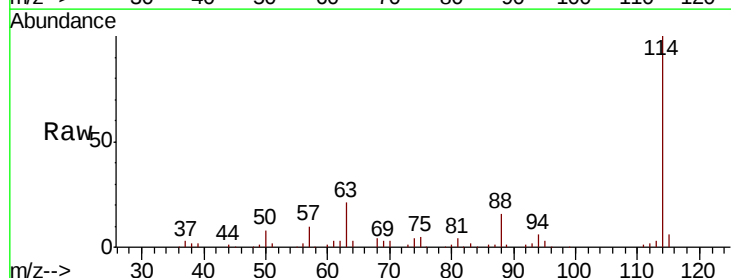
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

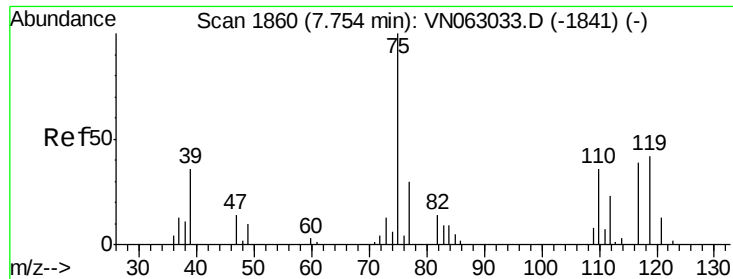
Tot Ion: 65 Resp: 63539
 Ion Ratio Lower Upper
 65 100
 67 54.7 43.8 65.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion: 114 Resp: 152471
 Ion Ratio Lower Upper
 114 100
 63 21.0 17.0 25.6
 88 15.7 12.6 18.8

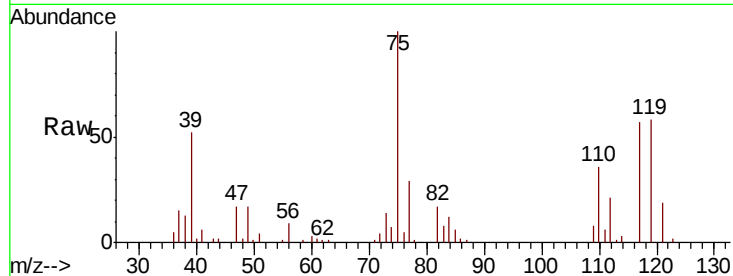




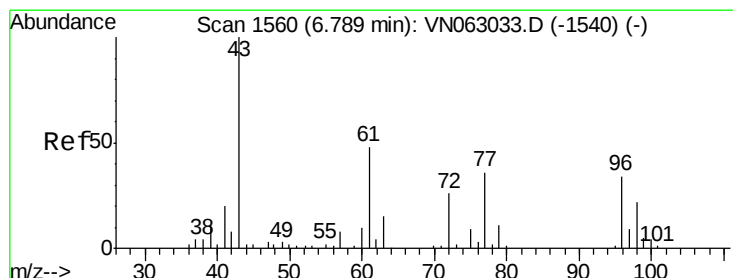
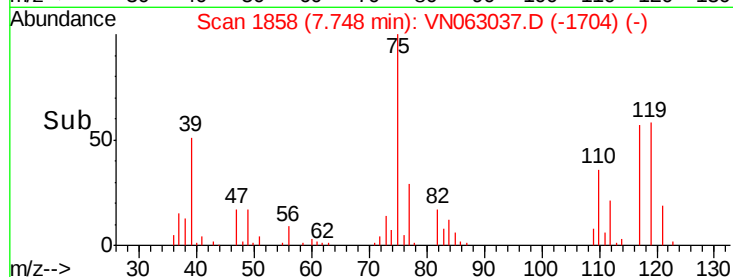
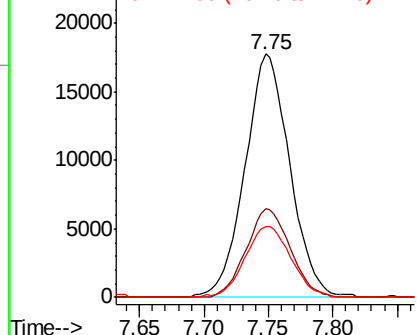
#29
 1,1-Dichloropropene
 Concen: 19.396 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Tot Ion: 75 Resp: 42948
 Ion Ratio Lower Upper
 75 100
 110 35.7 0.0 70.6
 77 29.8 0.0 60.2

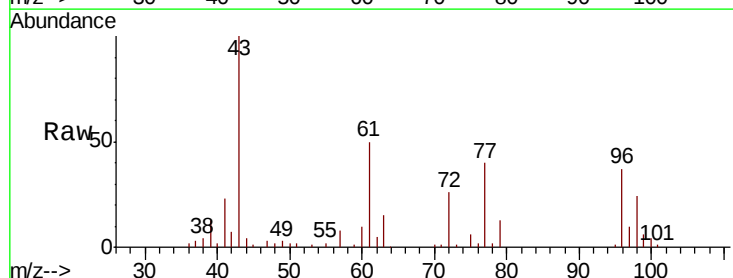


Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VN0

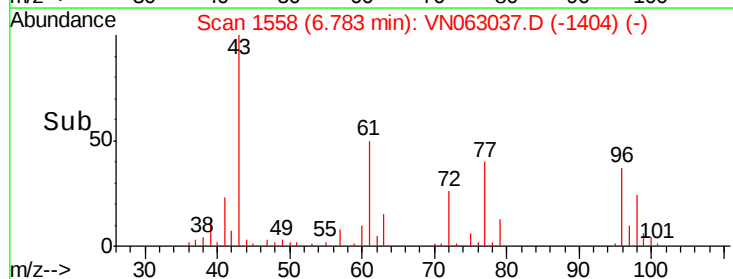
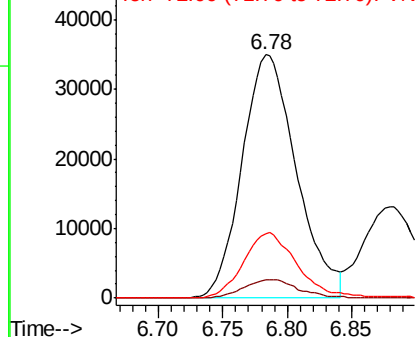


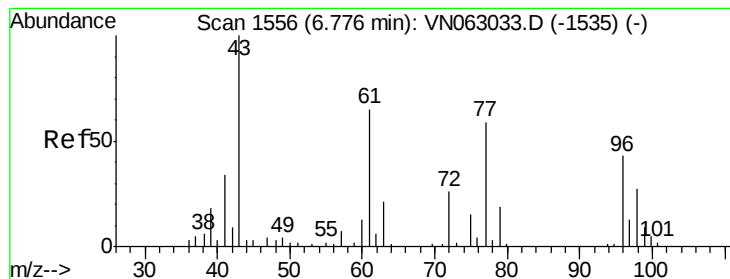
#30
 2-Butanone
 Concen: 99.541 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion: 43 Resp: 102731
 Ion Ratio Lower Upper
 43 100
 57 7.7 6.6 9.8
 72 26.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0





#31

2,2-Dichloropropane

Concen: 19.178 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

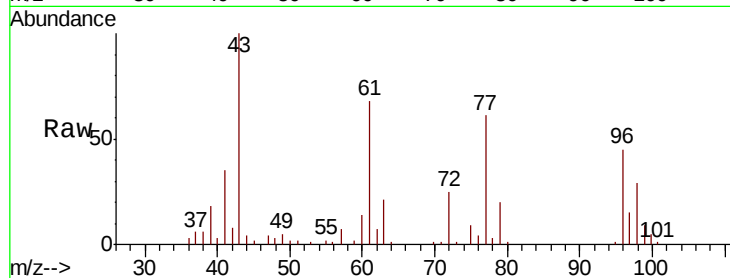
VN0820WBSD01

Tot Ion: 77 Resp: 51616

Ion Ratio Lower Upper

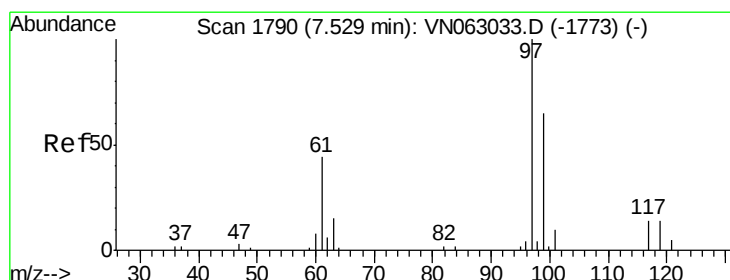
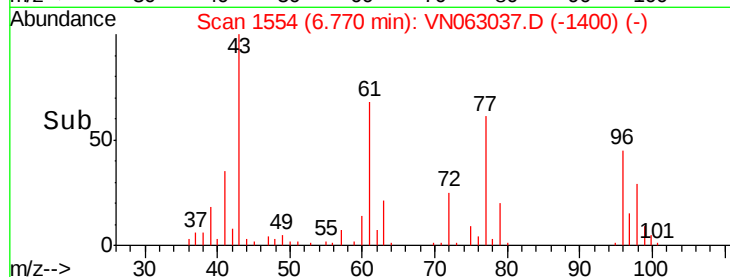
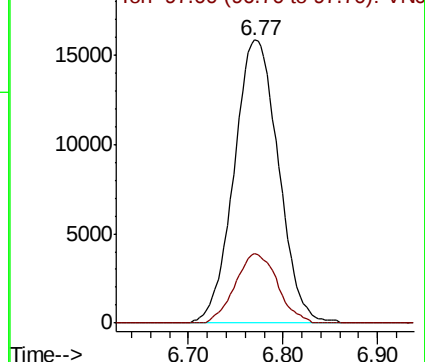
77 100

97 23.4 18.2 27.4



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.913 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

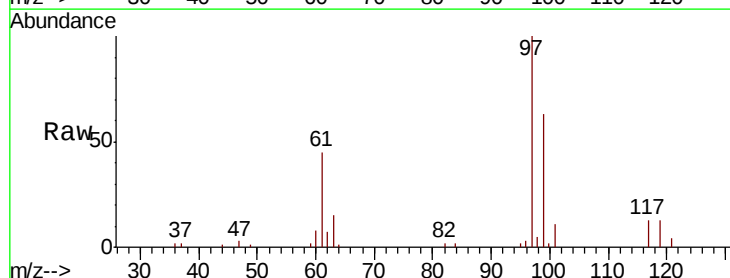
Tgt Ion: 97 Resp: 53105

Ion Ratio Lower Upper

97 100

99 63.5 51.7 77.5

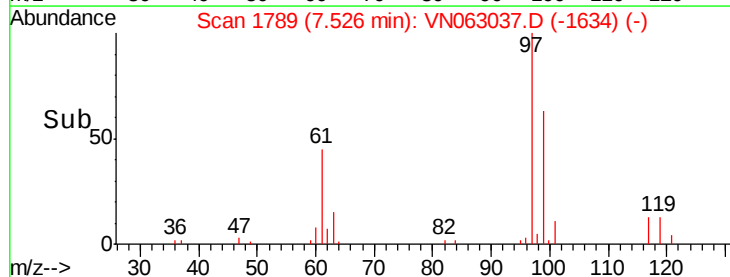
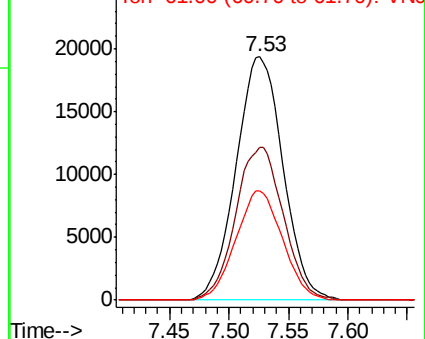
61 44.5 35.3 52.9

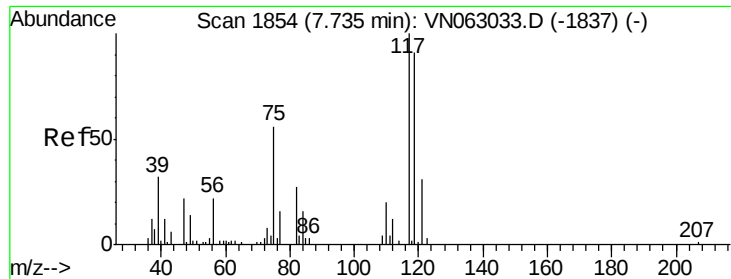


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

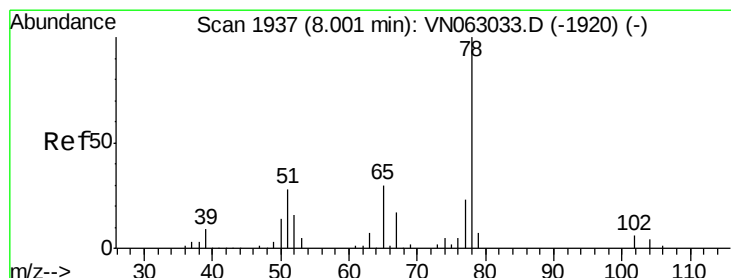
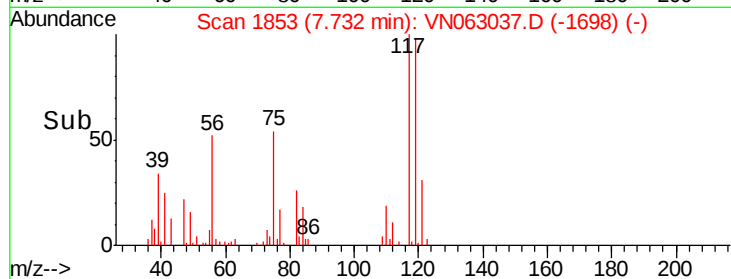
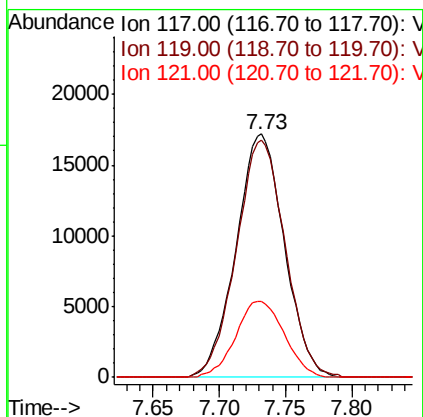
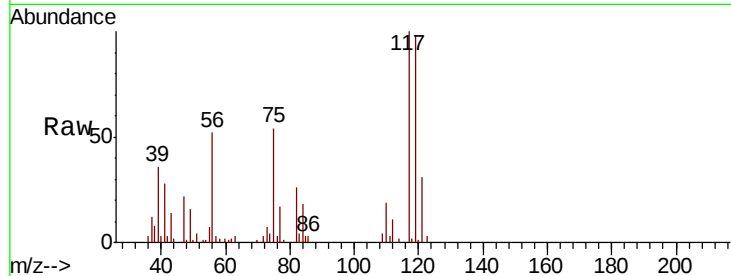




#33
Carbon Tetrachloride
Concen: 19.128 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

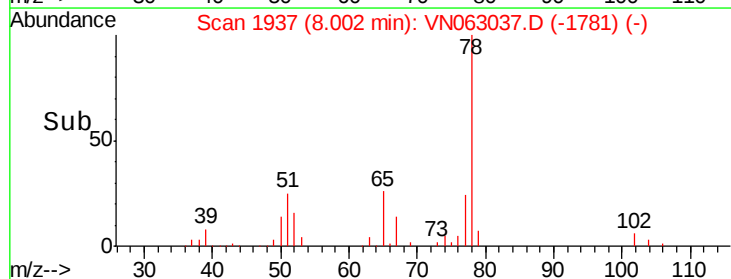
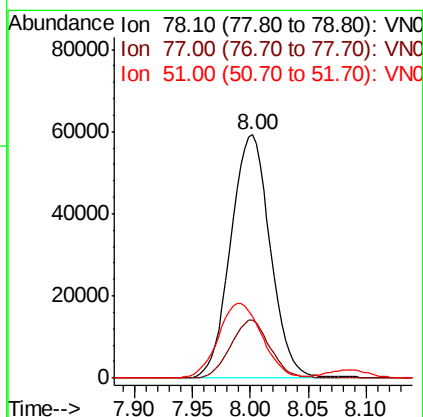
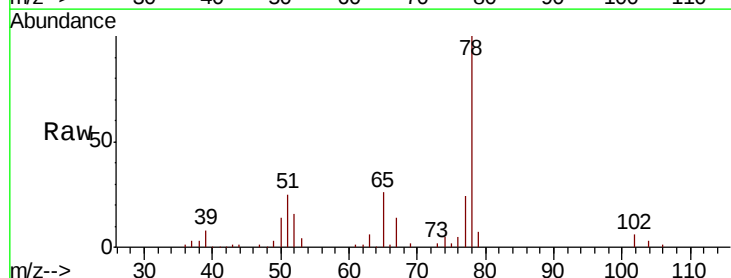
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

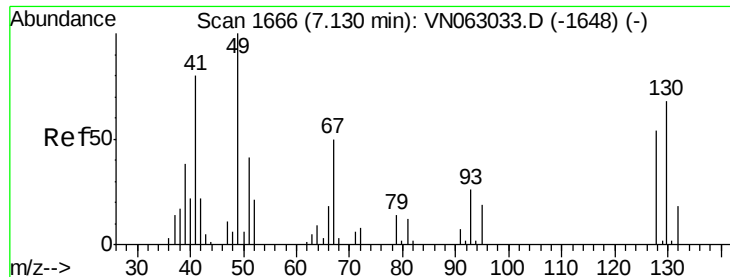
Tot Ion:117 Resp: 43438
Ion Ratio Lower Upper
117 100
119 97.6 73.0 109.4
121 31.2 24.9 37.3



#34
Benzene
Concen: 19.769 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 78 Resp: 140276
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8
51 24.4 22.2 33.2

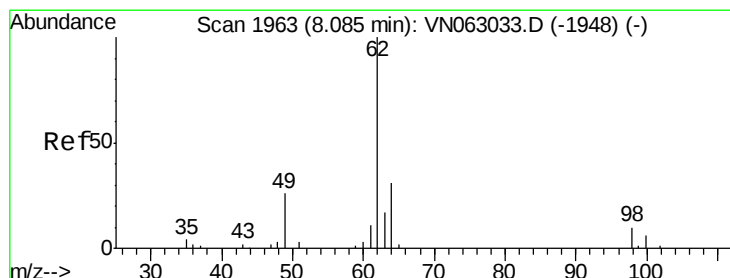
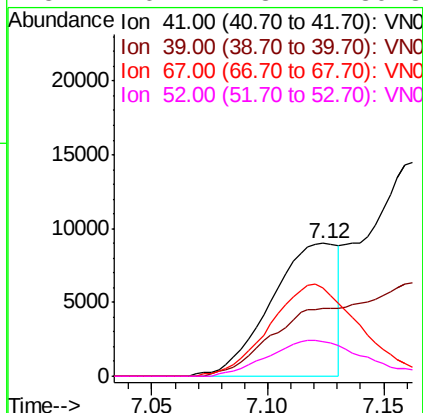
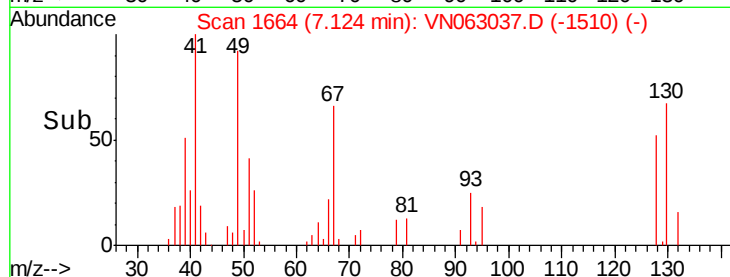
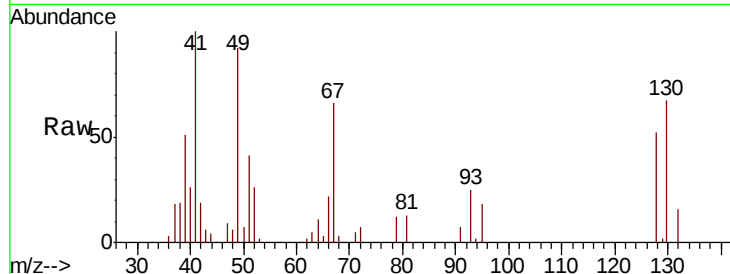




#35
Methacrylonitrile
Concen: 18.415 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

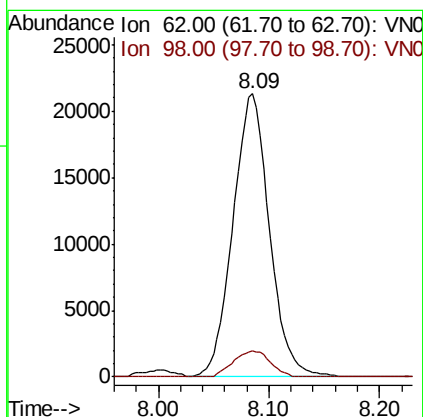
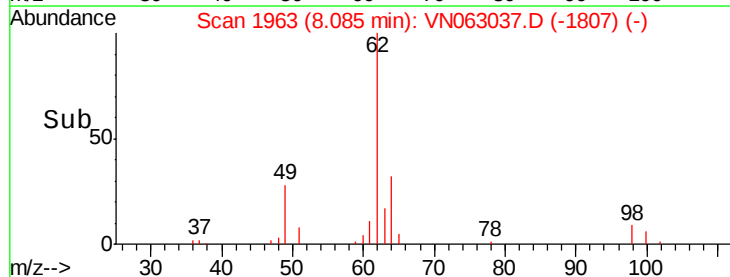
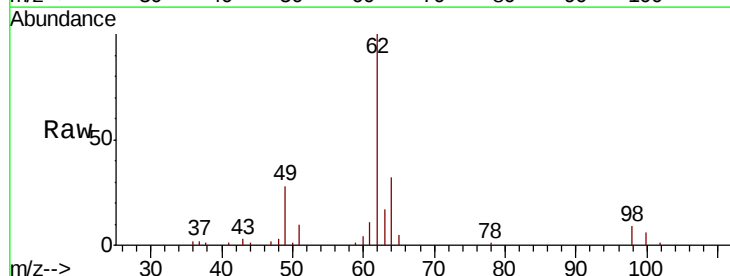
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

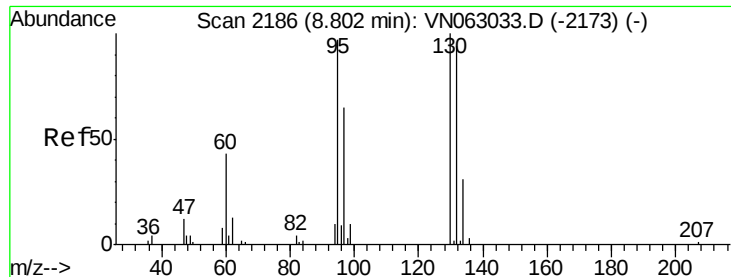
Tot Ion: 41 Resp: 18063
Ion Ratio Lower Upper
41 100
39 51.1 23.7 71.1
67 66.4 31.6 94.7
52 26.2 13.1 39.3



#36
1,2-Dichloroethane
Concen: 20.174 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 62 Resp: 48837
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4

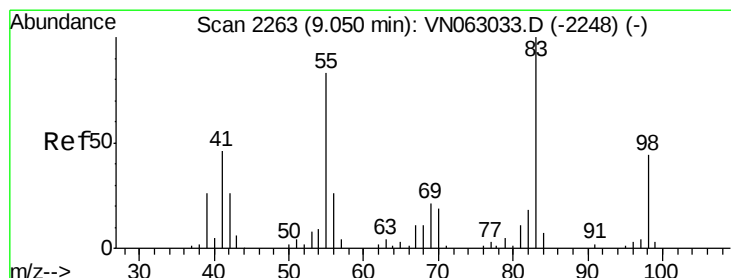
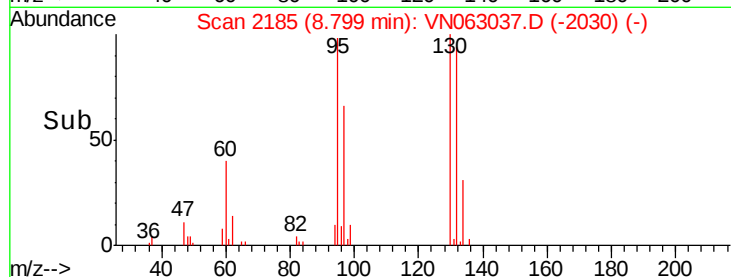
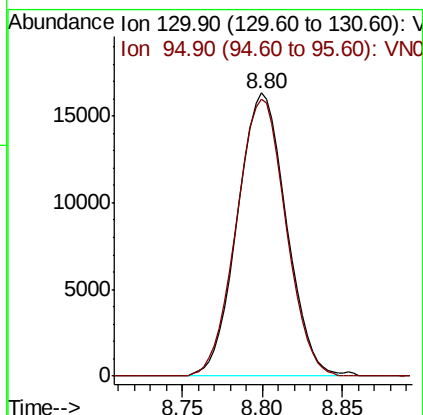
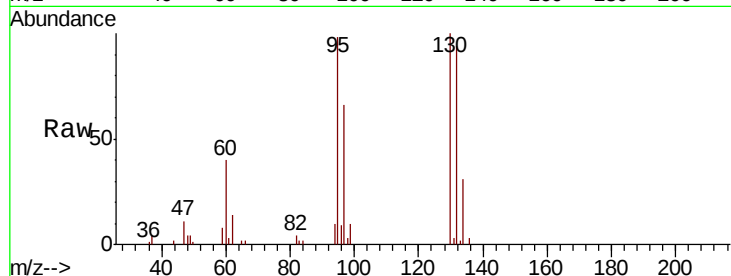




#37
 Trichloroethene
 Concen: 19.640 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

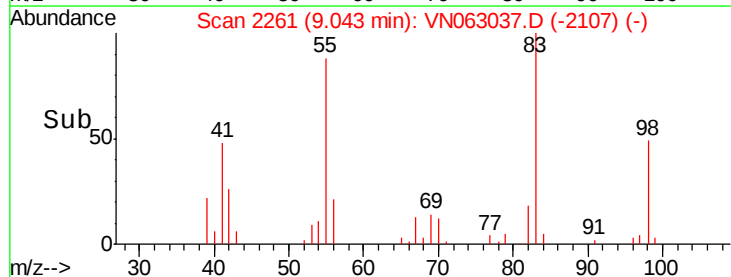
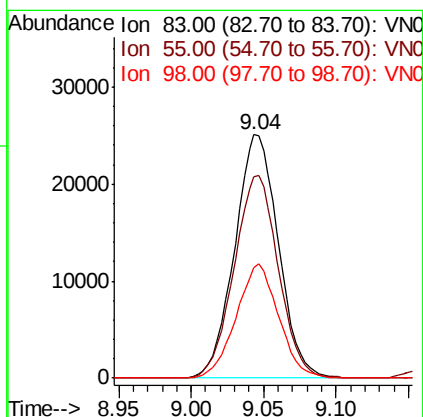
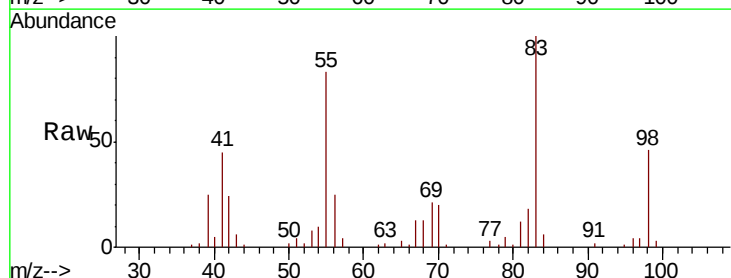
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

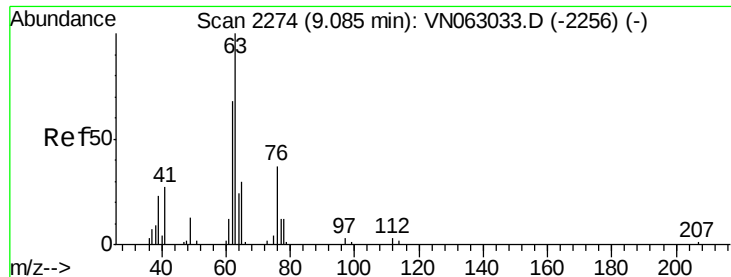
Tot Ion:130 Resp: 34130
 Ion Ratio Lower Upper
 130 100
 95 98.0 78.9 118.3



#38
 Methylcyclohexane
 Concen: 18.940 ug/l
 RT: 9.04 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion: 83 Resp: 52601
 Ion Ratio Lower Upper
 83 100
 55 84.0 41.9 125.7
 98 45.5 22.2 66.6





#39

1,2-Dichloropropane

Concen: 19.811 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

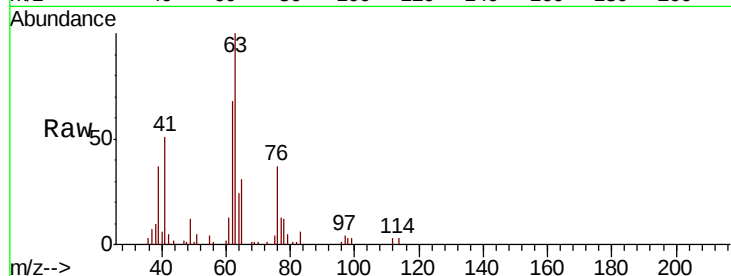
VN0820WBSD01

Tot Ion: 63 Resp: 40912

Ion Ratio Lower Upper

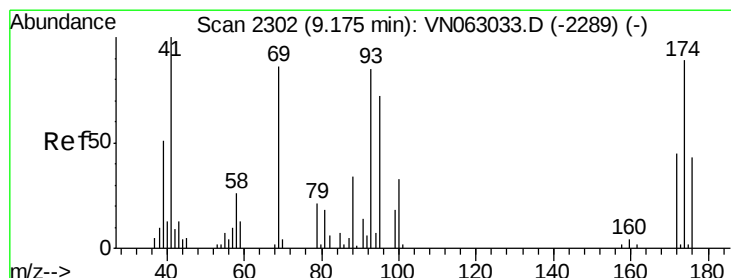
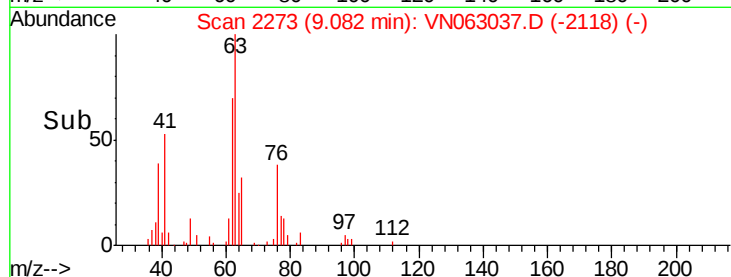
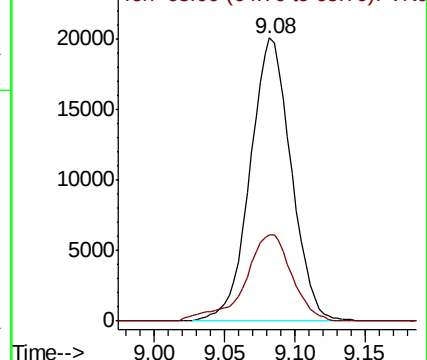
63 100

65 30.5 25.1 37.7



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 20.552 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

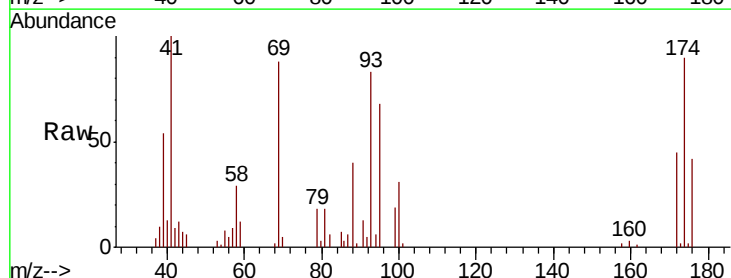
Tgt Ion: 93 Resp: 24642

Ion Ratio Lower Upper

93 100

95 83.3 0.0 168.2

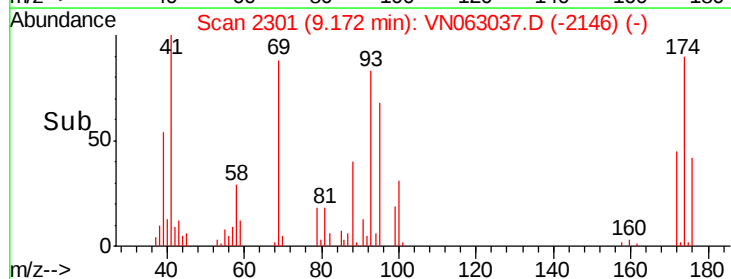
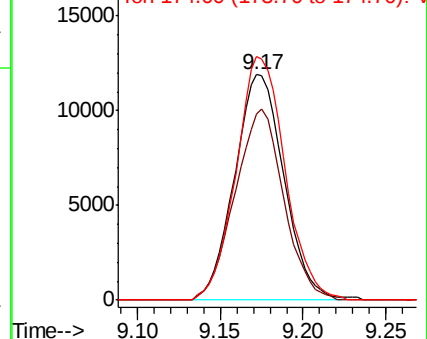
174 106.8 0.0 208.4

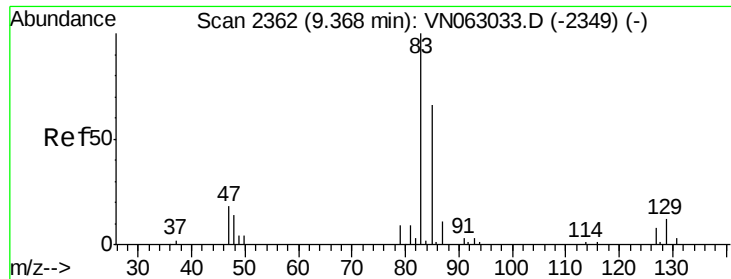


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.901 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

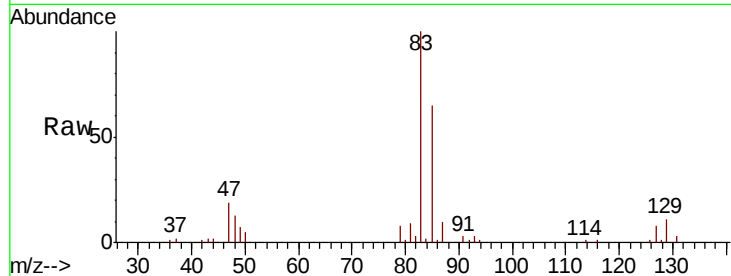
Tot Ion: 83 Resp: 52878

Ion Ratio Lower Upper

83 100

85 64.8 52.6 79.0

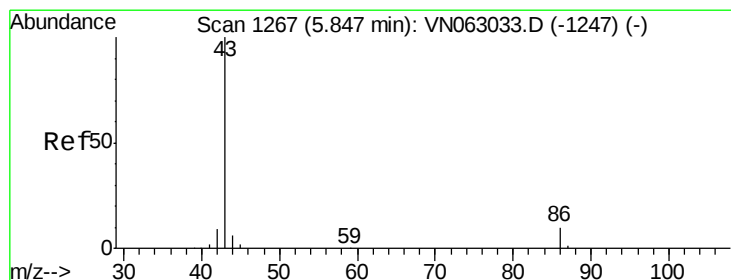
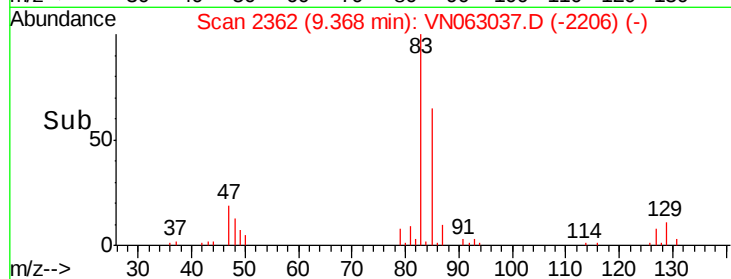
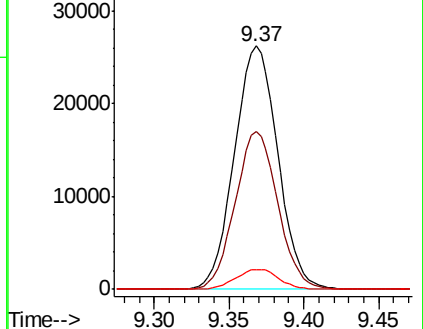
127 8.3 7.4 11.0



Abundance Ion 83.00 (82.70 to 83.70): VN063037.D (-2349) (-)

Ion 85.00 (84.70 to 85.70): VN063037.D (-2349) (-)

Ion 127.00 (126.70 to 127.70): VN063037.D (-2349) (-)



#42

Vinyl Acetate

Concen: 95.902 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VN063037.D

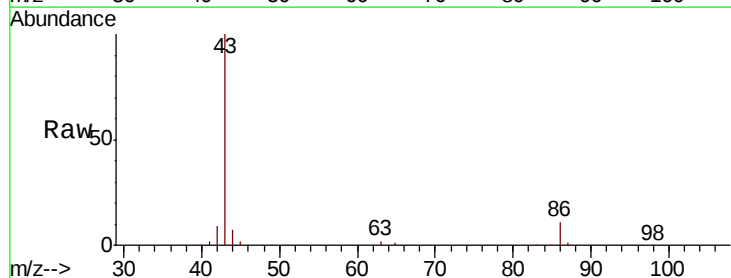
Acq: 20 Aug 2020 15:36

Tgt Ion: 43 Resp: 374942

Ion Ratio Lower Upper

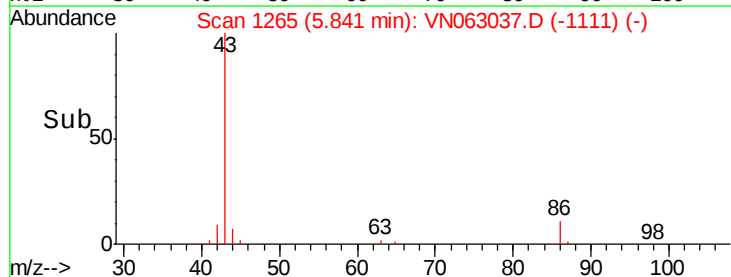
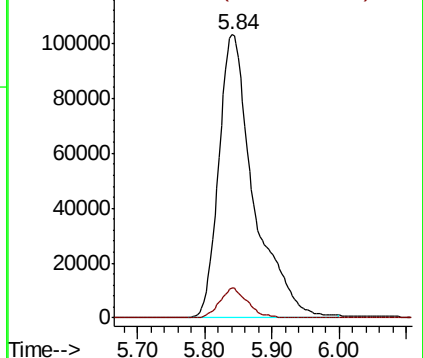
43 100

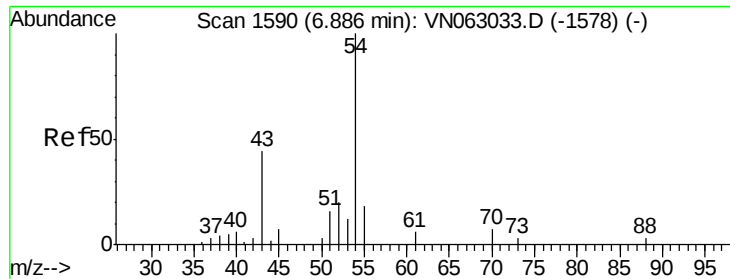
86 8.4 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN063037.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN063037.D (-1247) (-)





#43

Ethyl Acetate

Concen: 19.717 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. -0.01 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

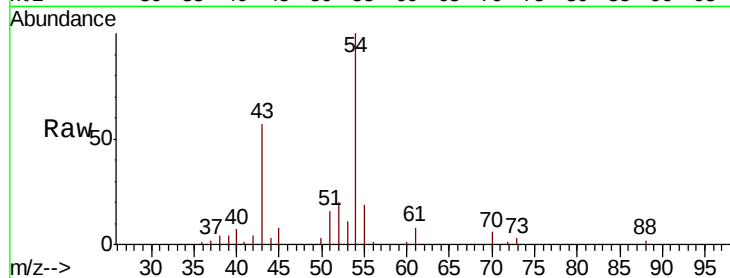
VN0820WBSD01

Tot Ion: 43 Resp: 38840

Ion Ratio Lower Upper

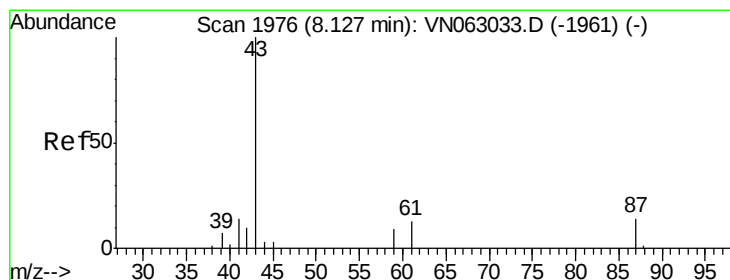
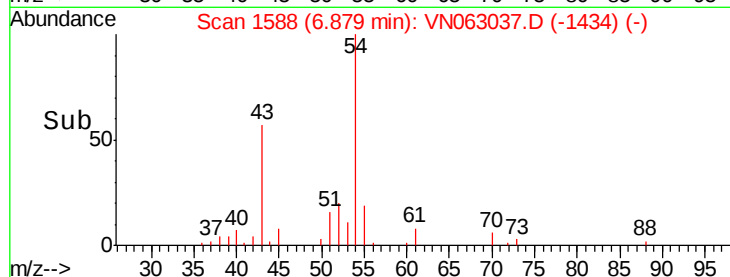
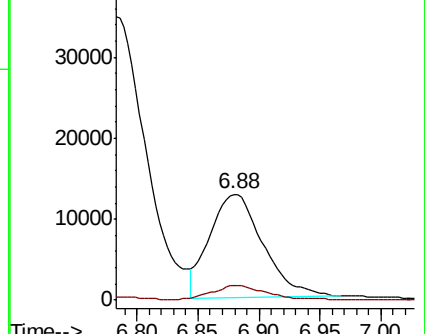
43 100

45 14.5 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 20.187 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN063037.D

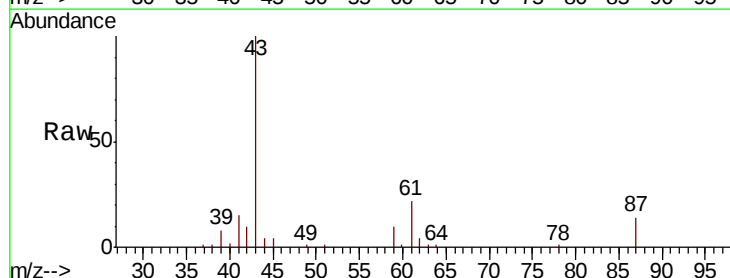
Acq: 20 Aug 2020 15:36

Tgt Ion: 43 Resp: 66756

Ion Ratio Lower Upper

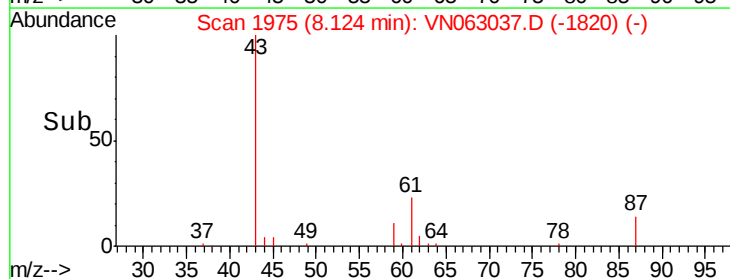
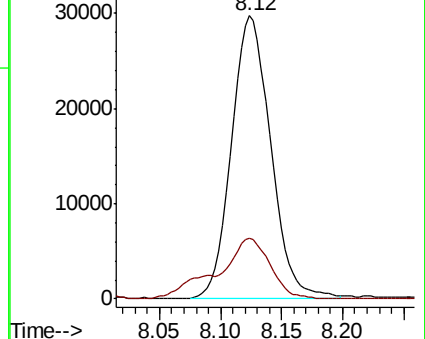
43 100

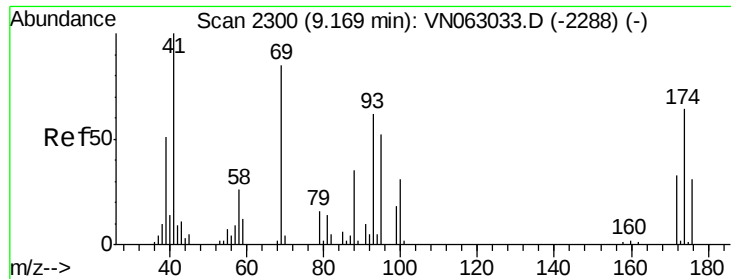
61 21.1 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#45

1,4-Dioxane

Concen: 439.946 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

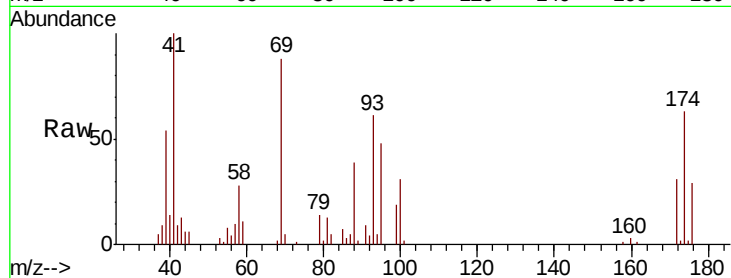
Tot Ion: 88 Resp: 13626

Ion Ratio Lower Upper

88 100

43 33.1 28.5 42.7

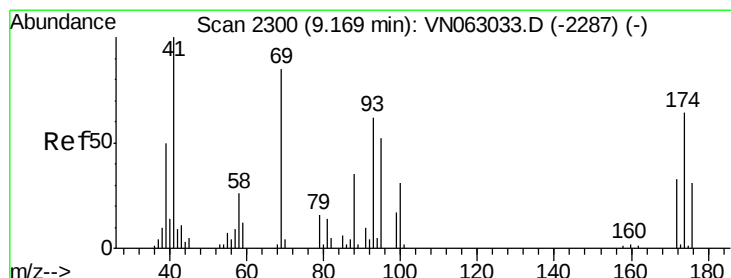
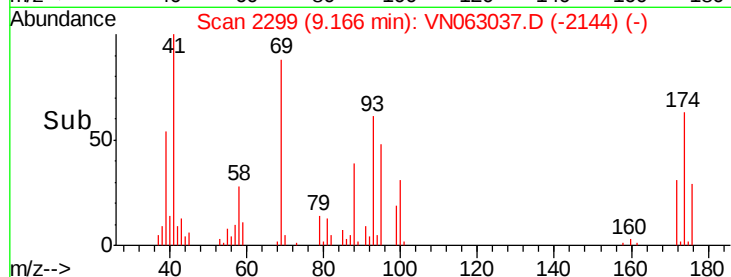
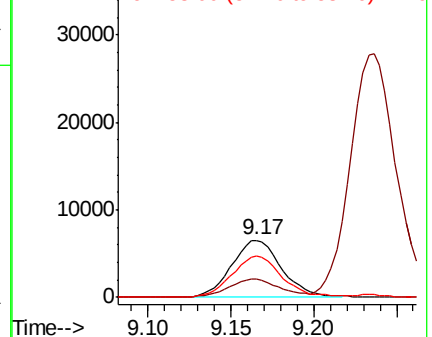
58 70.3 59.6 89.4



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46

Methyl methacrylate

Concen: 19.578 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

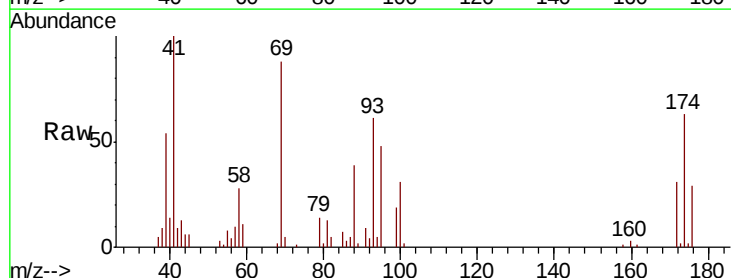
Tgt Ion: 41 Resp: 31875

Ion Ratio Lower Upper

41 100

69 89.6 42.6 128.0

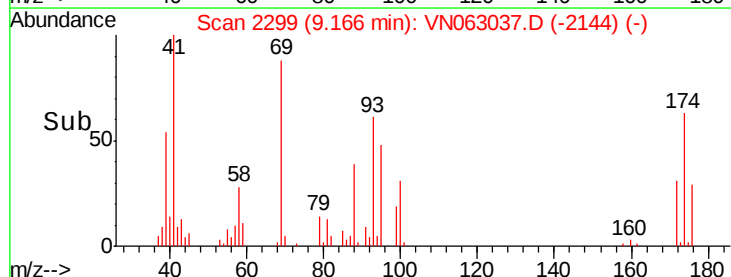
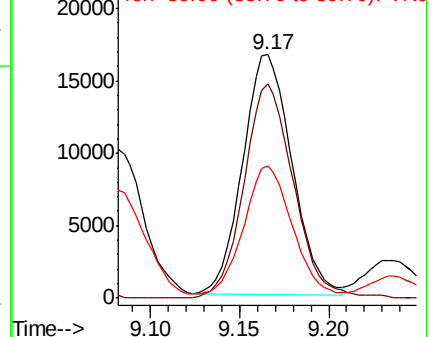
39 53.9 25.1 75.4

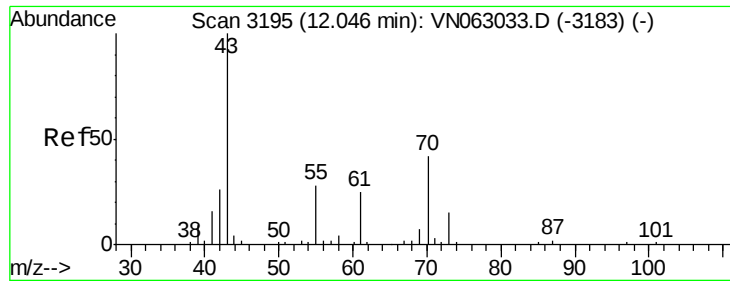


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

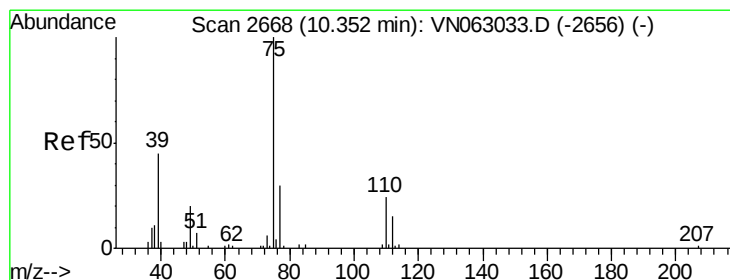
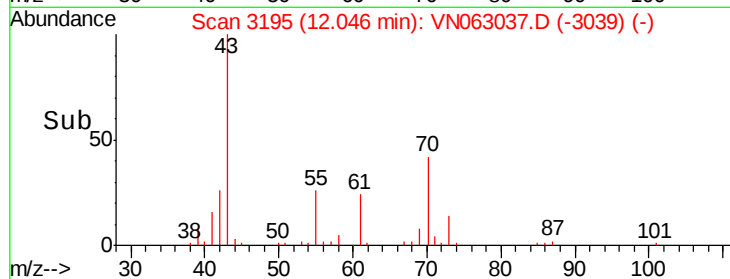
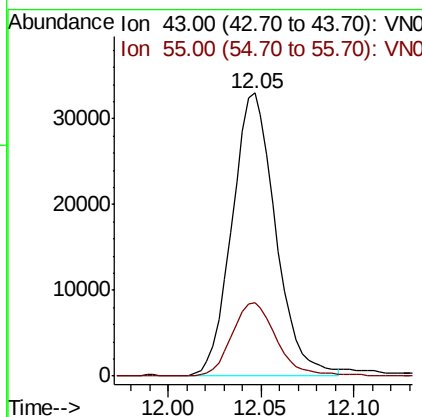
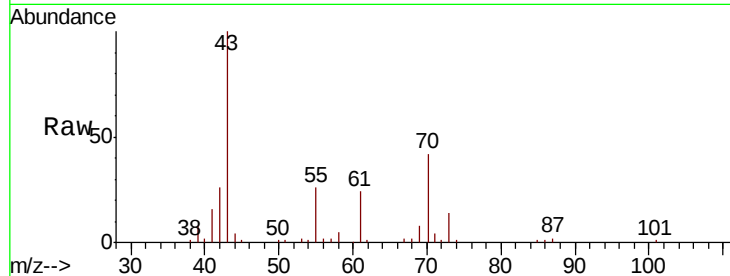




#47
n-amyl Acetate
Concen: 18.346 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

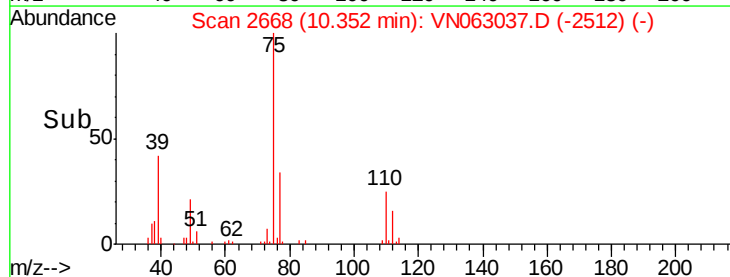
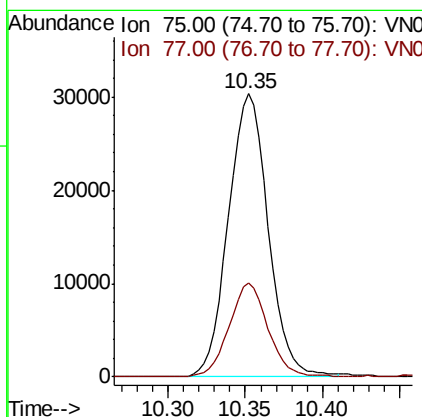
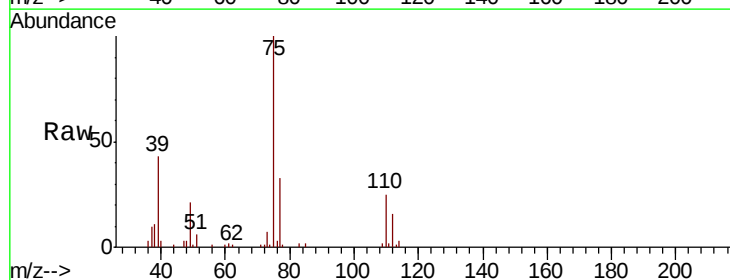
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

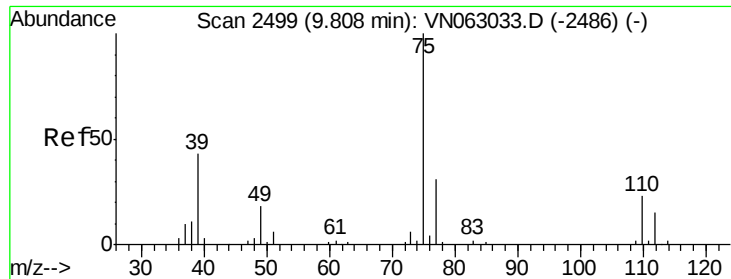
Tot Ion: 43 Resp: 53848
Ion Ratio Lower Upper
43 100
55 26.5 21.2 31.8



#48
t-1,3-Dichloropropene
Concen: 19.342 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 75 Resp: 54278
Ion Ratio Lower Upper
75 100
77 33.2 23.8 35.8



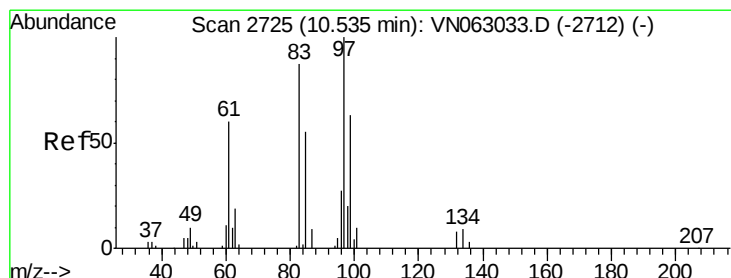
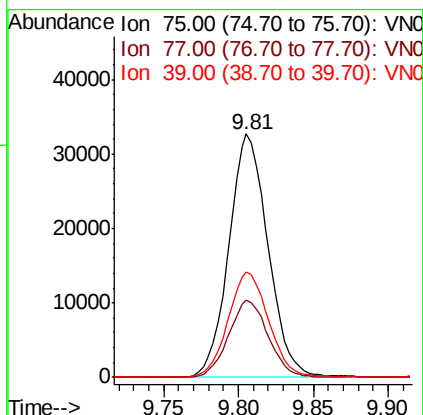
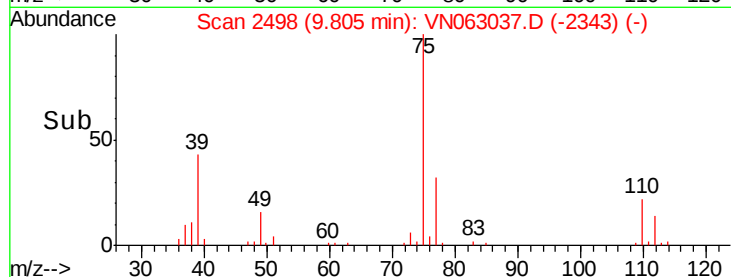
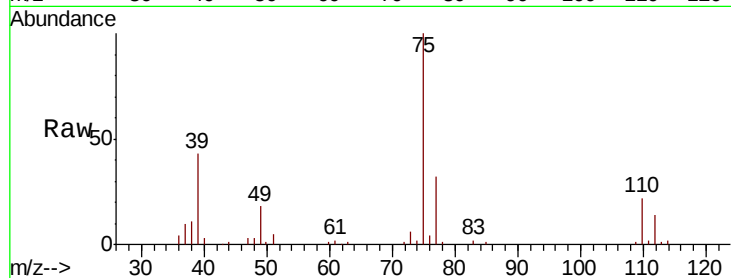


#49

cis-1,3-Dichloropropene
Concen: 19.488 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

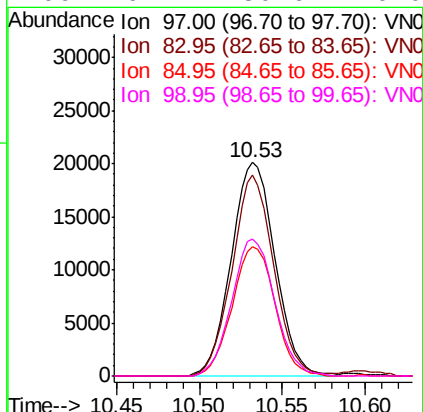
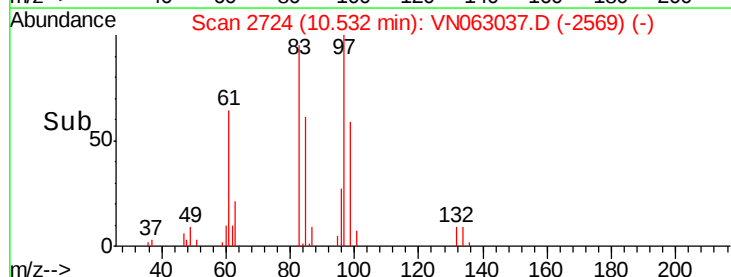
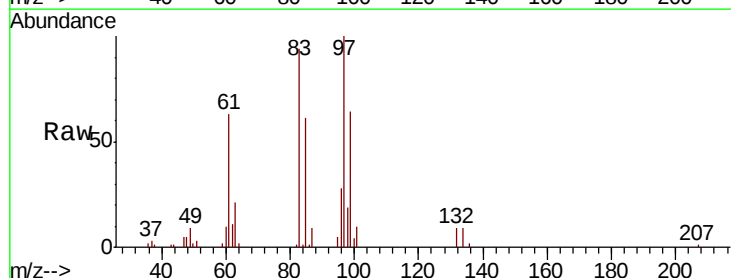
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.8	37.2
39	43.5	34.5	51.7

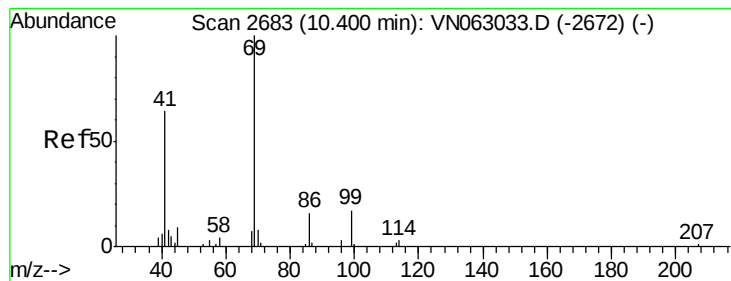


#50

1,1,2-Trichloroethane
Concen: 20.083 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.2	69.9	104.9
85	60.5	44.0	66.0
99	64.4	50.6	76.0





#51

Ethyl methacrylate

Concen: 18.943 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

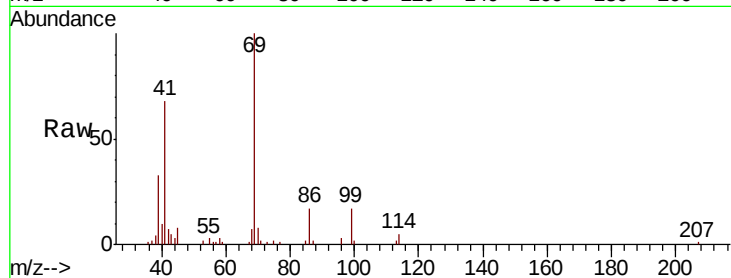
Tot Ion: 69 Resp: 47647

Ion Ratio Lower Upper

69 100

41 67.0 32.1 96.5

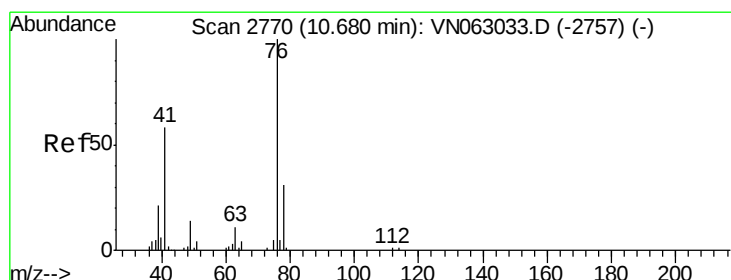
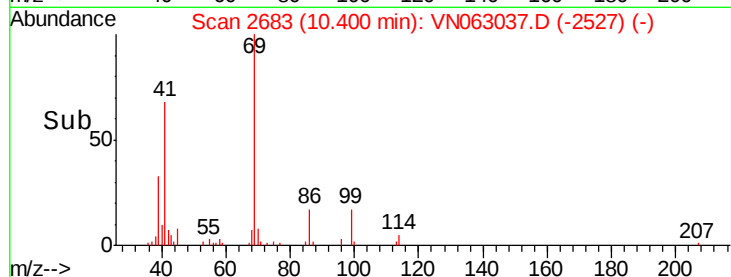
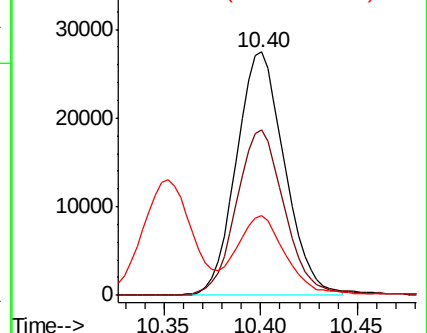
39 31.4 16.1 48.3



Abundance Ion 69.00 (68.70 to 69.70): VN063033.D (-2672) (-)

Ion 41.00 (40.70 to 41.70): VN063033.D (-2672) (-)

Ion 39.00 (38.70 to 39.70): VN063033.D (-2672) (-)



#52

1,3-Dichloropropane

Concen: 20.070 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN063037.D

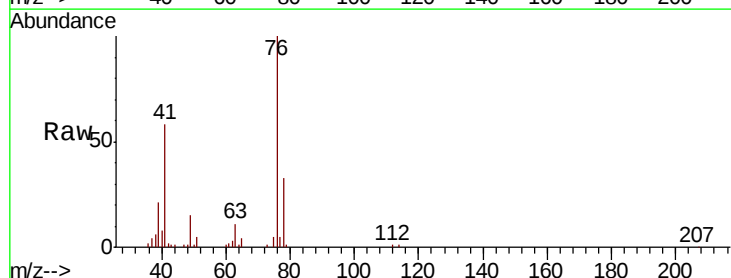
Acq: 20 Aug 2020 15:36

Tgt Ion: 76 Resp: 61300

Ion Ratio Lower Upper

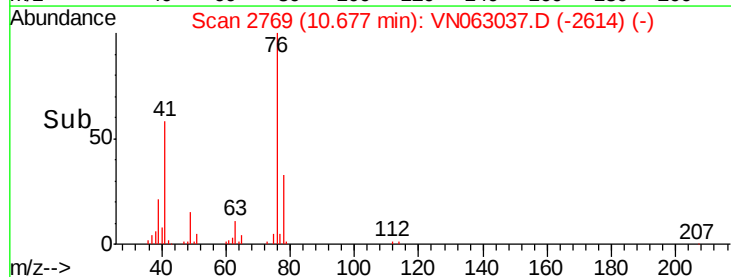
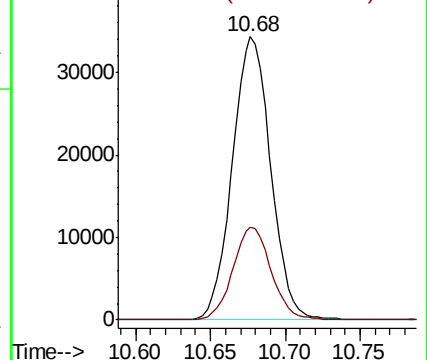
76 100

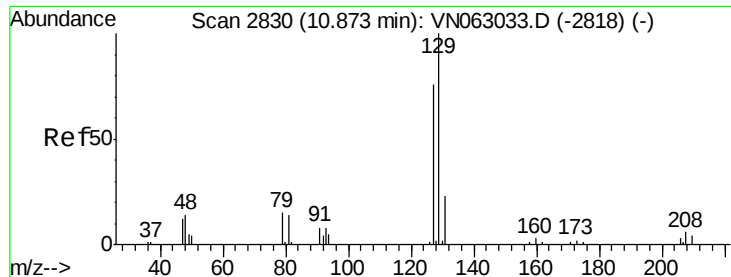
78 32.5 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VN063033.D (-2757) (-)

Ion 78.00 (77.70 to 78.70): VN063033.D (-2757) (-)

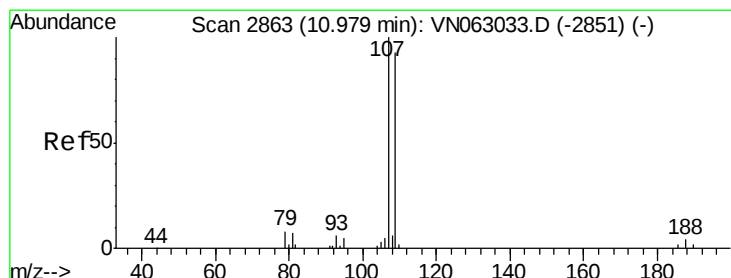
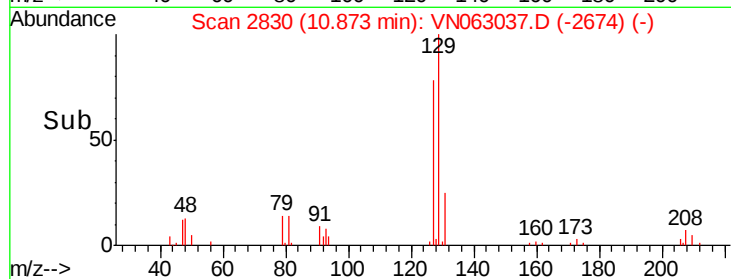
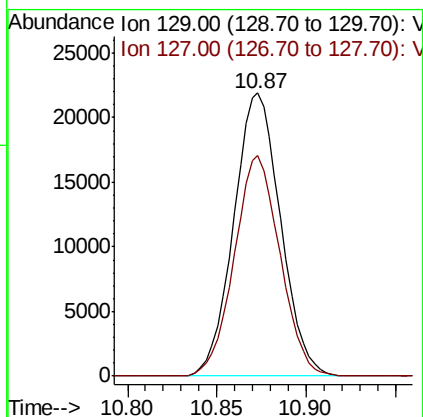
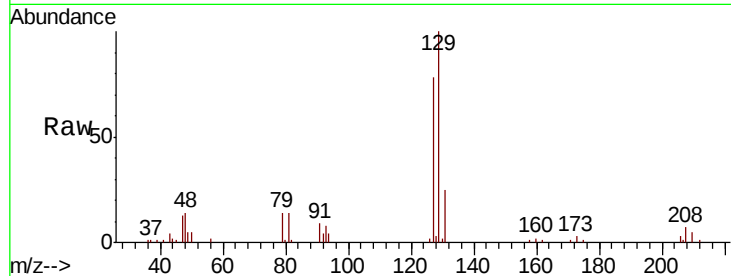




#53
Dibromochloromethane
Concen: 19.789 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

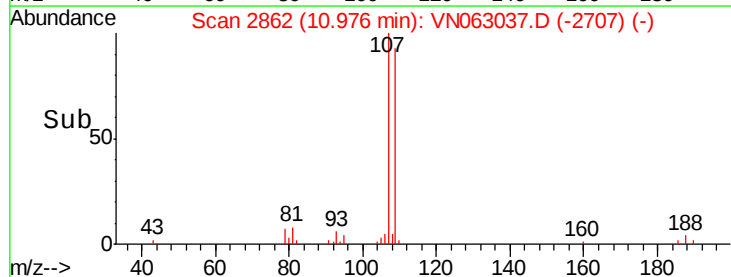
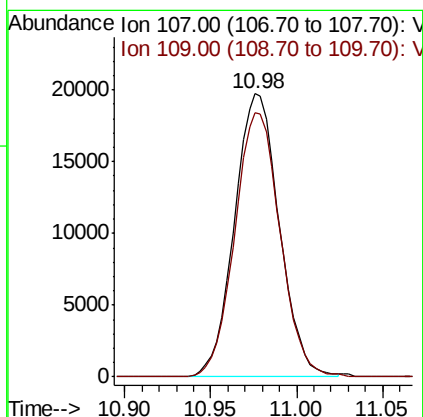
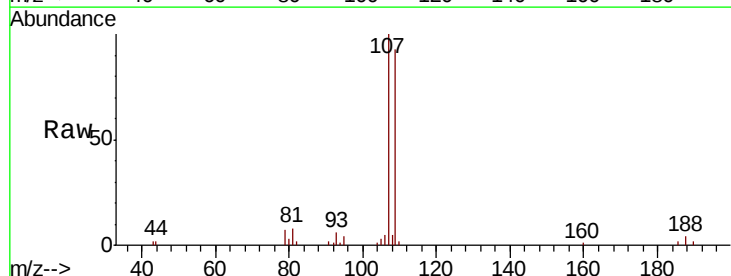
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

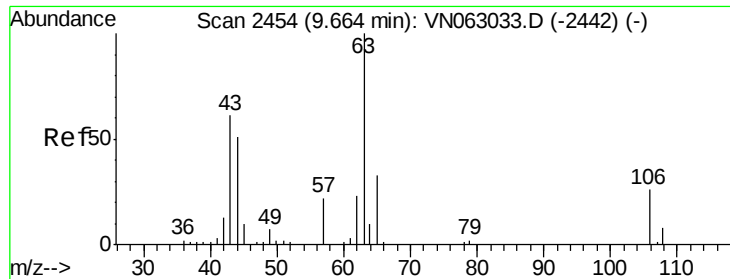
Tot Ion:129 Resp: 40146
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1



#54
1,2-Dibromoethane
Concen: 20.102 ug/l
RT: 10.98 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion:107 Resp: 35651
Ion Ratio Lower Upper
107 100
109 94.4 76.3 114.5

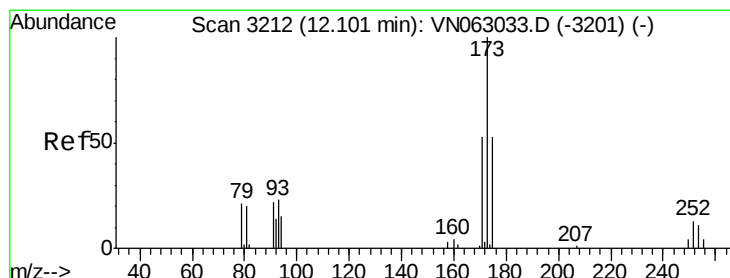
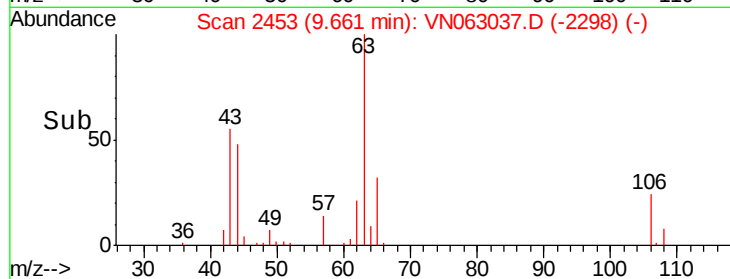
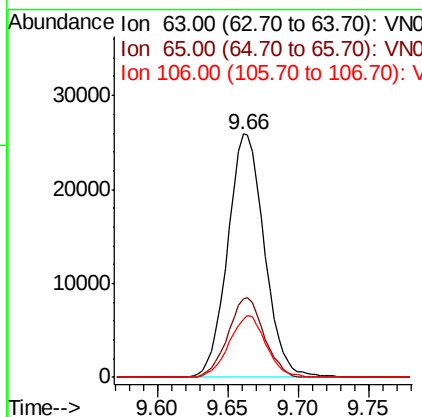
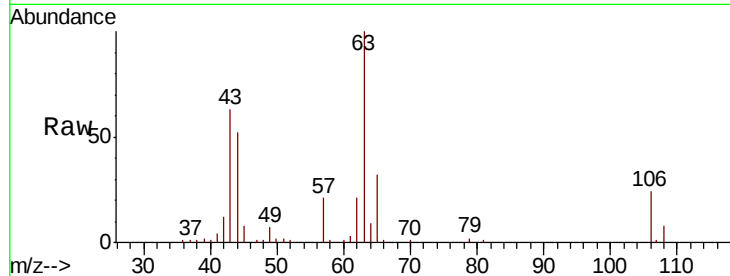




#55
2-Chloroethyl vinyl ether
Concen: 91.459 ug/l
RT: 9.66 min Scan# 2453
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

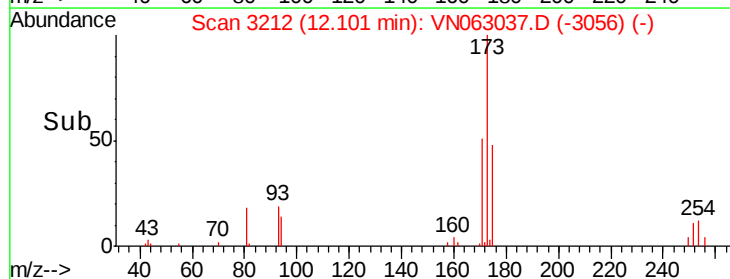
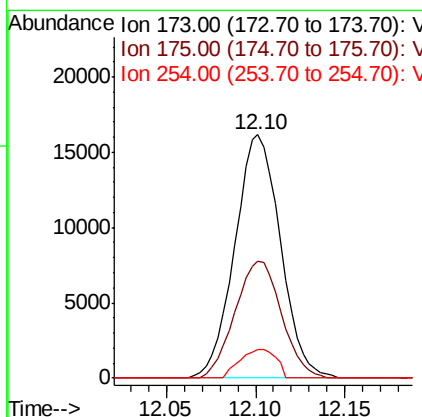
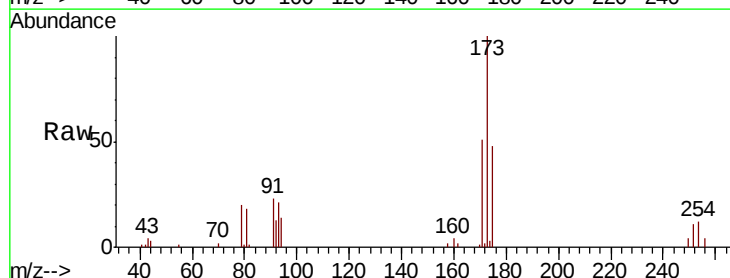
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

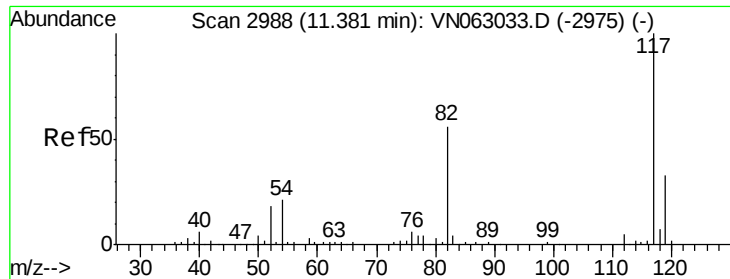
Tot Ion: 63 Resp: 47252
Ion Ratio Lower Upper
63 100
65 31.9 25.9 38.9
106 25.4 19.9 29.9



#56
Bromoform
Concen: 19.402 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 173 Resp: 28823
Ion Ratio Lower Upper
173 100
175 48.9 41.2 61.8
254 9.3 9.0 13.4

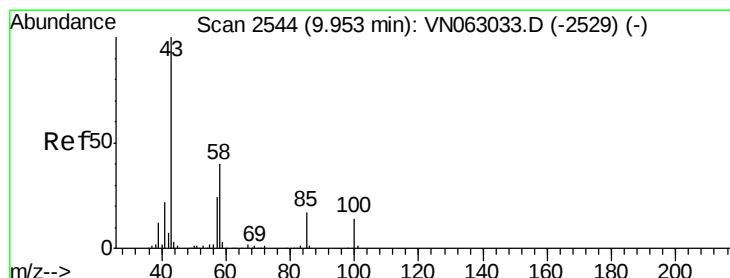
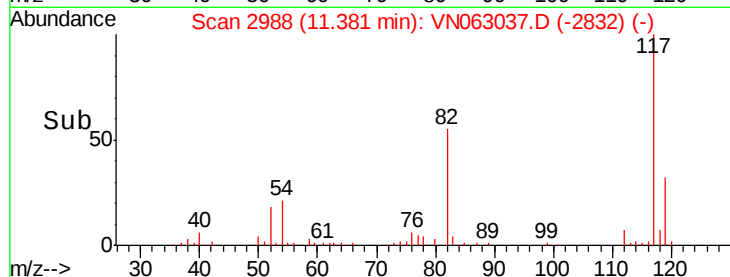
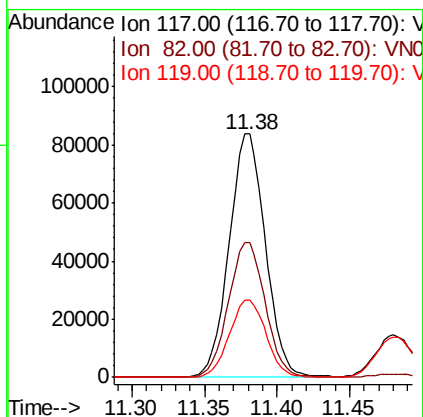
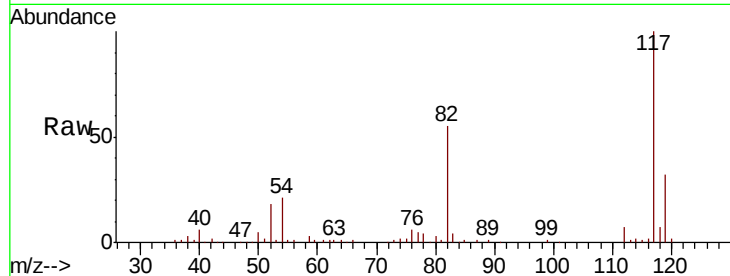




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

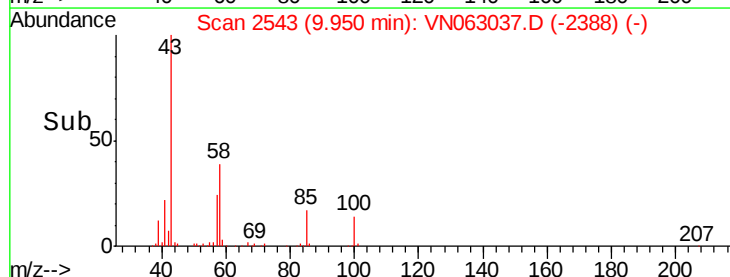
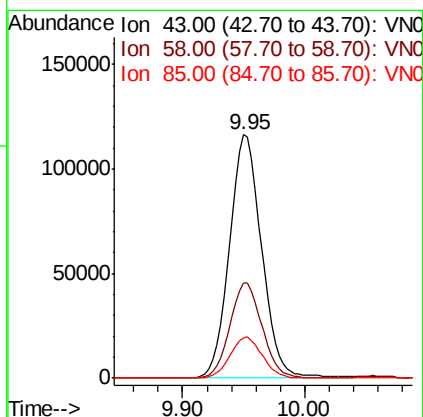
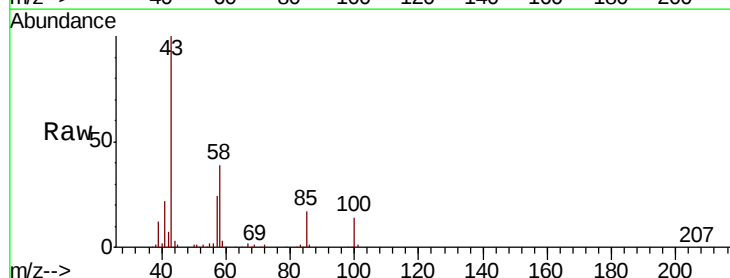
Instrument :
MSVOA_N
ClientSampled :
VN0820WBSD01

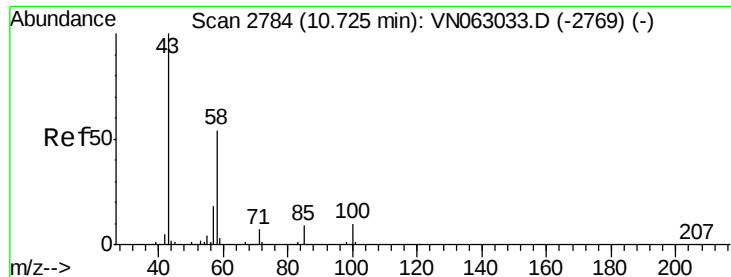
Tot Ion:117 Resp: 145255
Ion Ratio Lower Upper
117 100
82 56.1 44.9 67.3
119 32.0 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 102.317 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 43 Resp: 213798
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.0
85 16.9 13.4 20.2

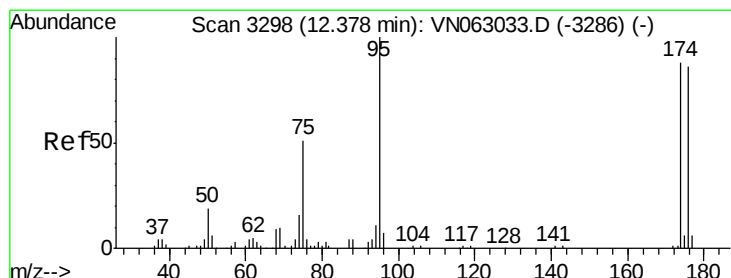
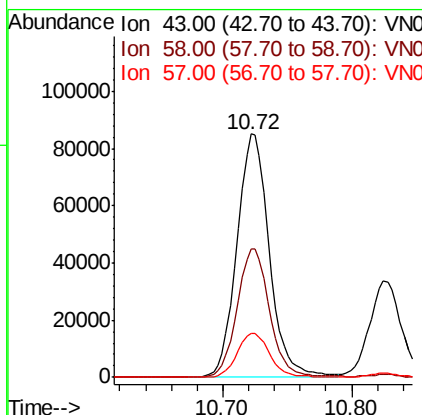
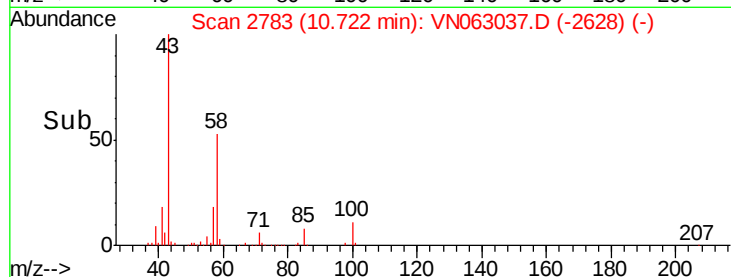
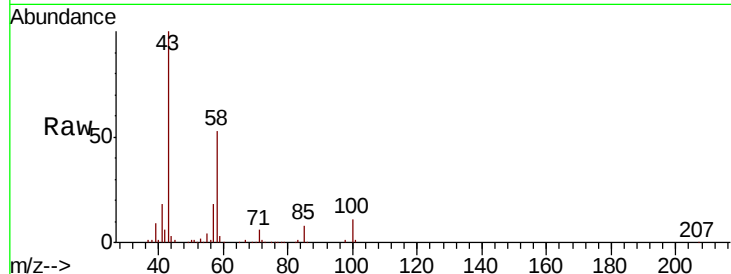




#59
2-Hexanone
Concen: 100.058 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

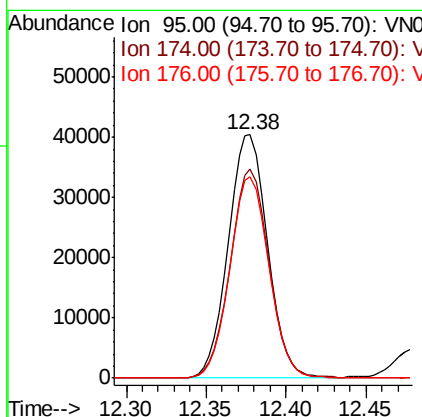
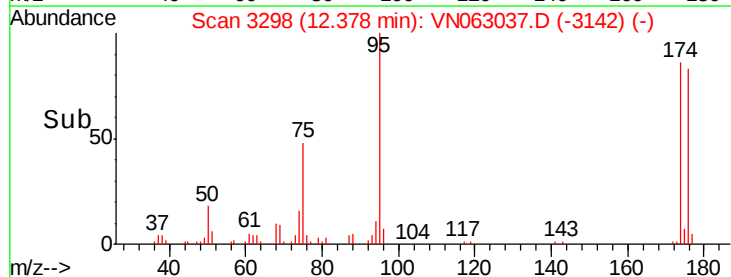
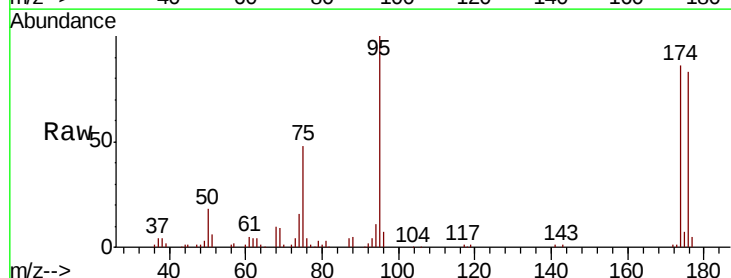
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

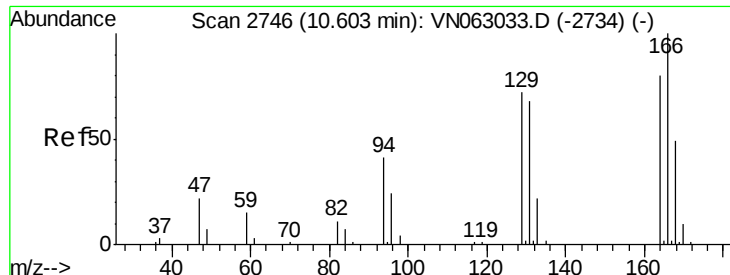
Tot Ion: 43 Resp: 149146
Ion Ratio Lower Upper
43 100
58 52.7 42.6 64.0
57 18.2 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.495 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 95 Resp: 67700
Ion Ratio Lower Upper
95 100
174 84.7 70.1 105.1
176 82.1 66.8 100.2





#61

Tetrachloroethene

Concen: 20.012 ug/l

RT: 10.60 min Scan# 2745

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

Tot Ion:164 Resp: 31866

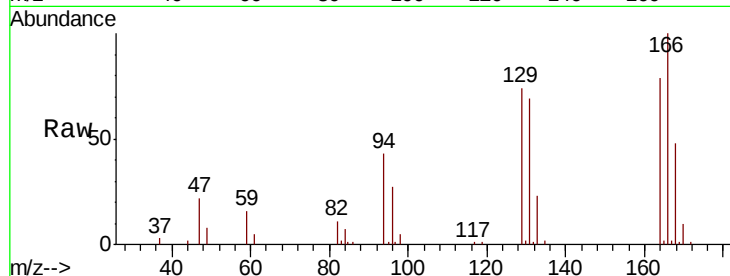
Ion Ratio Lower Upper

164 100

166 126.2 100.1 150.1

129 93.1 72.5 108.7

131 87.3 68.4 102.6

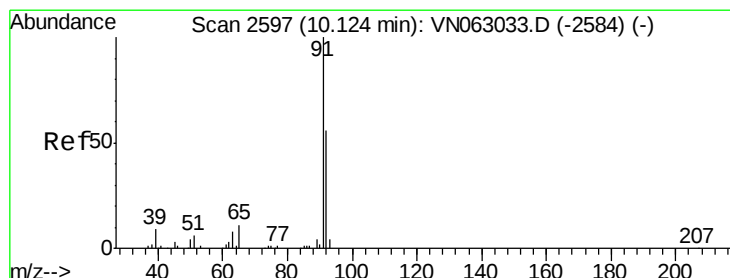
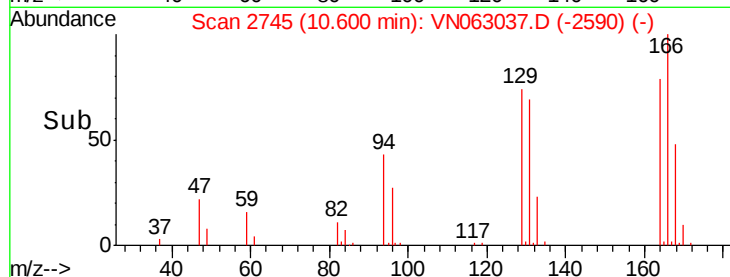
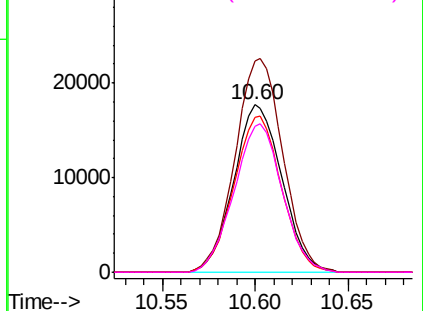


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.888 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN063037.D

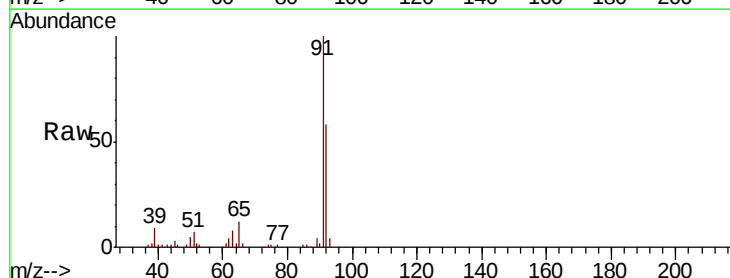
Acq: 20 Aug 2020 15:36

Tgt Ion: 91 Resp: 153102

Ion Ratio Lower Upper

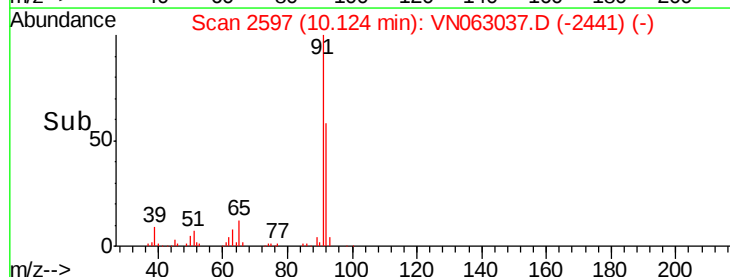
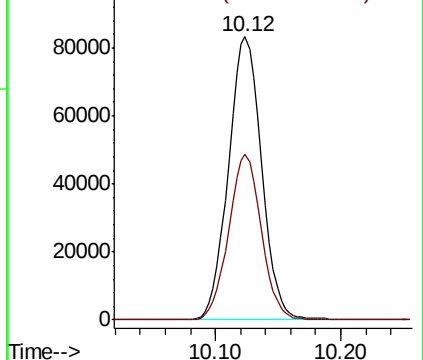
91 100

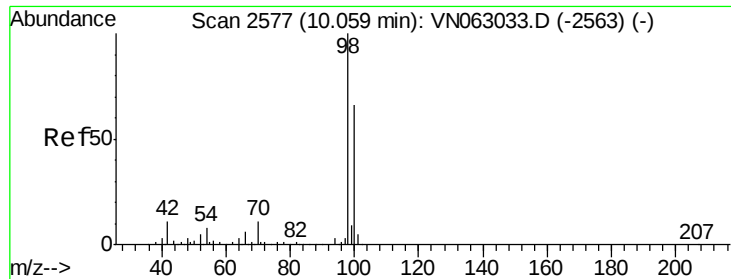
92 57.4 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.204 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

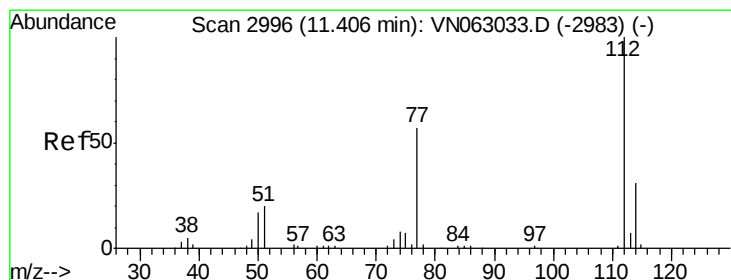
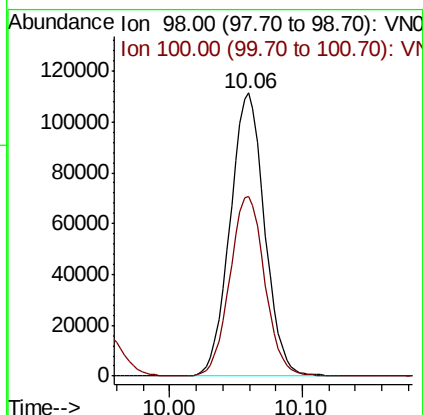
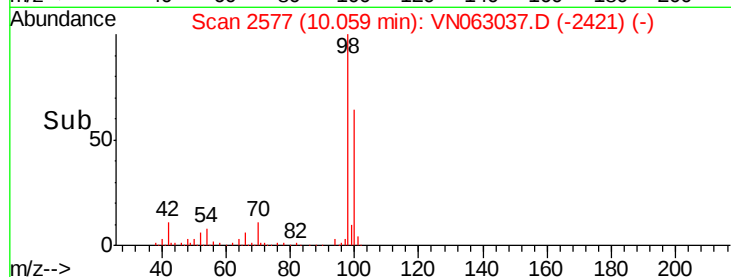
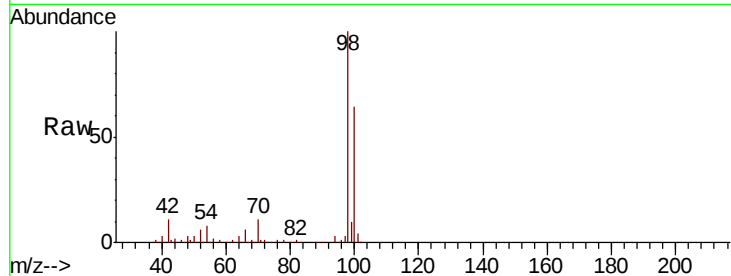
VN0820WBSD01

Tot Ion: 98 Resp: 201350

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2



#64

Chlorobenzene

Concen: 19.701 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN063037.D

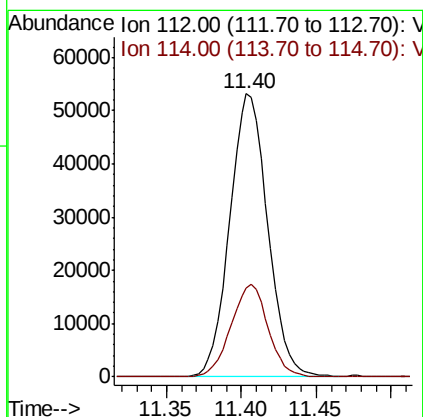
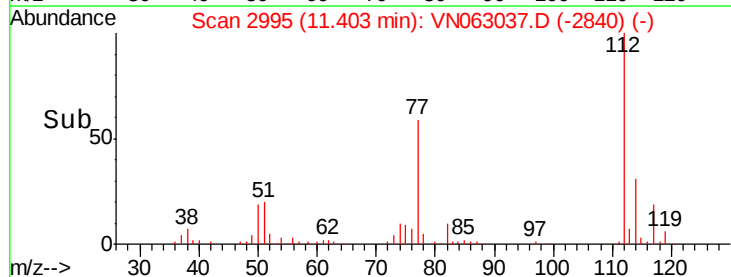
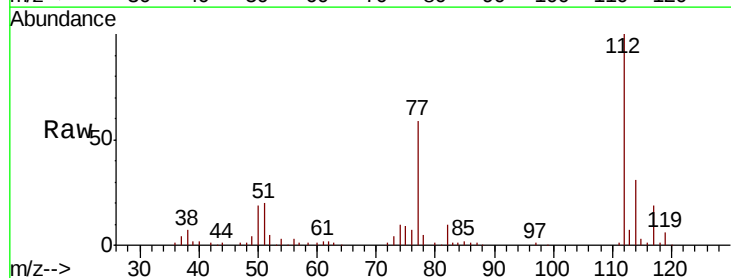
Acq: 20 Aug 2020 15:36

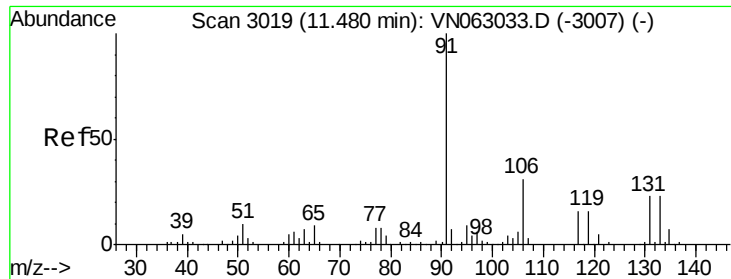
Tgt Ion: 112 Resp: 93847

Ion Ratio Lower Upper

112 100

114 31.4 25.1 37.7

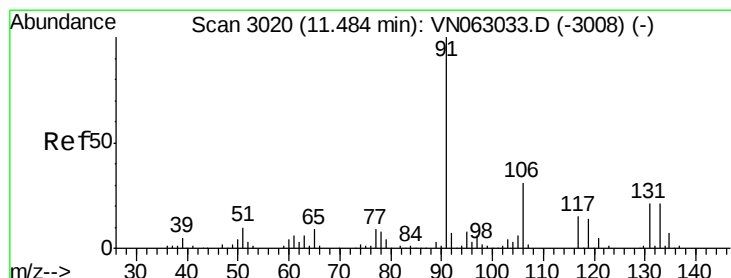
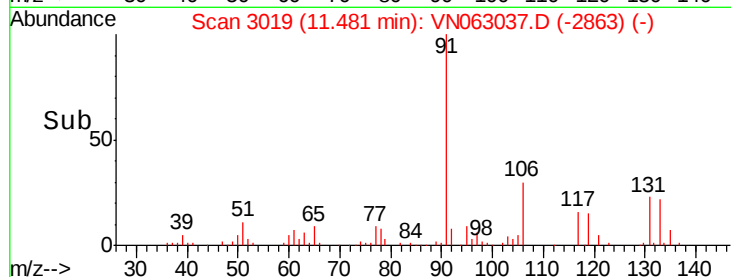
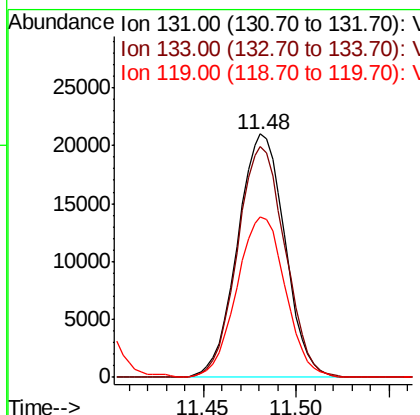
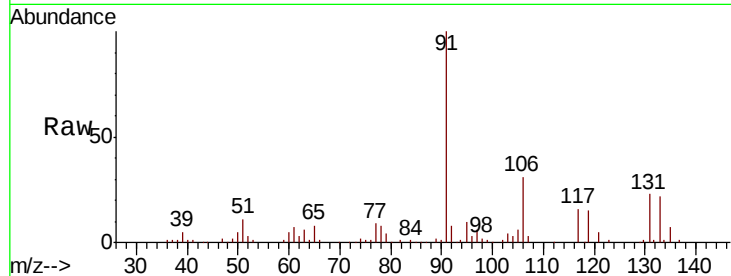




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.701 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

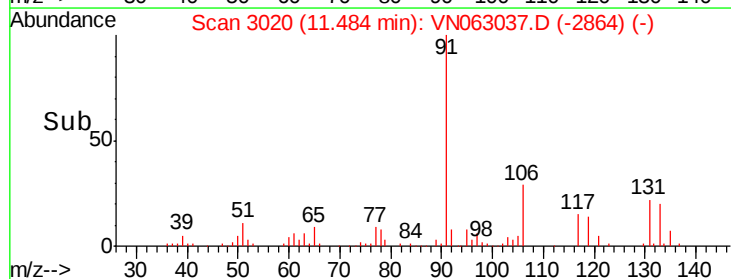
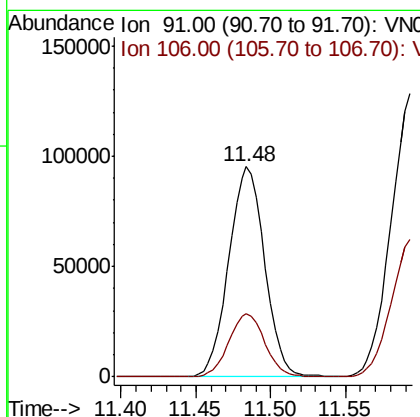
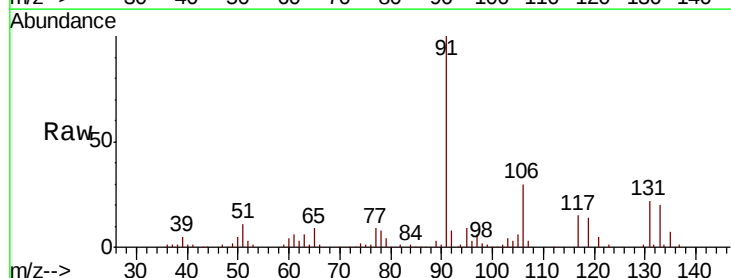
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

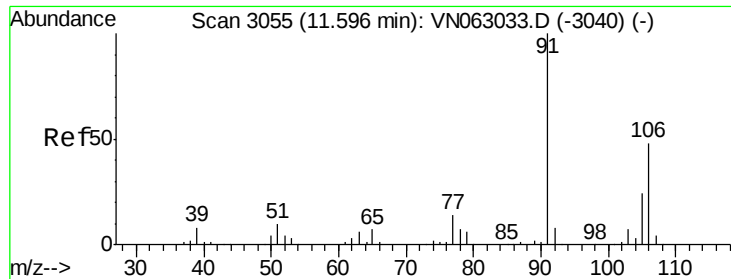
Tot Ion:131 Resp: 37195
 Ion Ratio Lower Upper
 131 100
 133 95.5 0.0 191.2
 119 67.5 0.0 134.2



#66
 Ethyl Benzene
 Concen: 18.982 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion: 91 Resp: 159288
 Ion Ratio Lower Upper
 91 100
 106 30.2 25.0 37.4

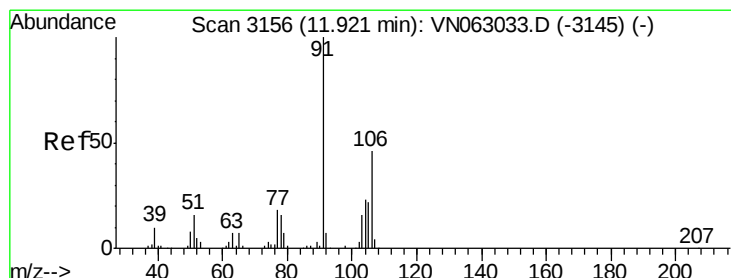
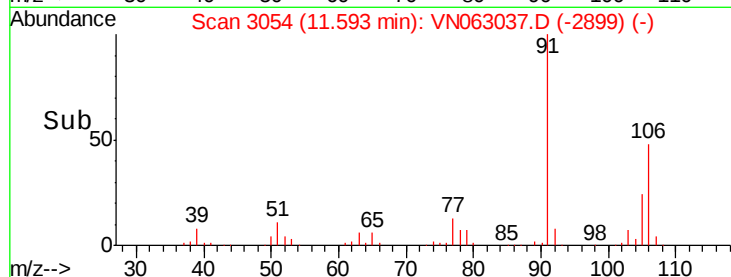
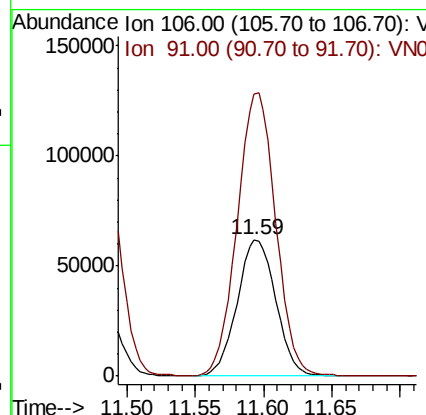
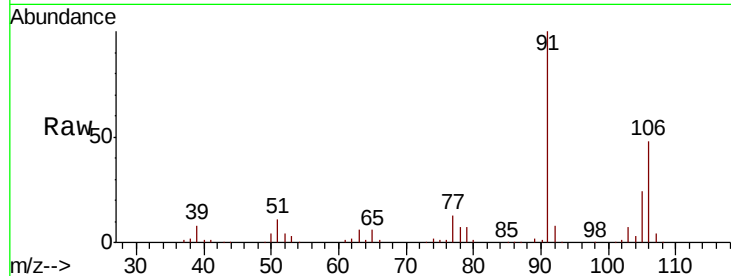




#67
m/p-Xylenes
Concen: 38.844 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

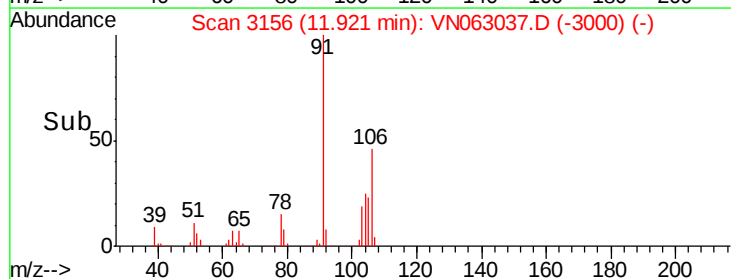
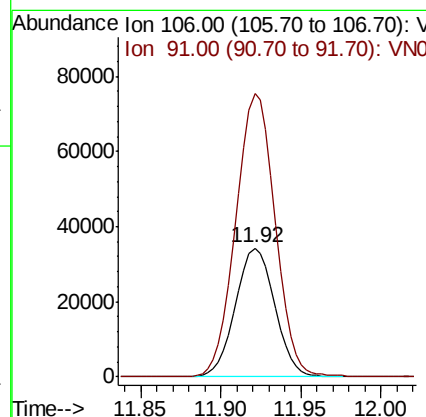
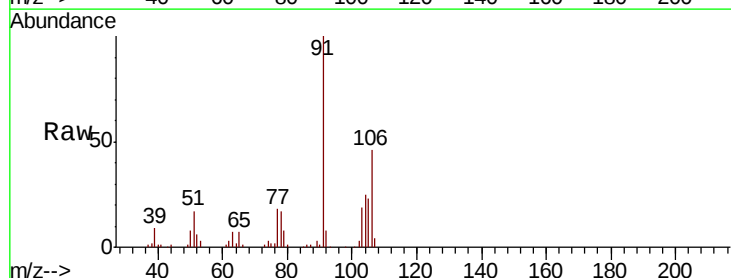
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

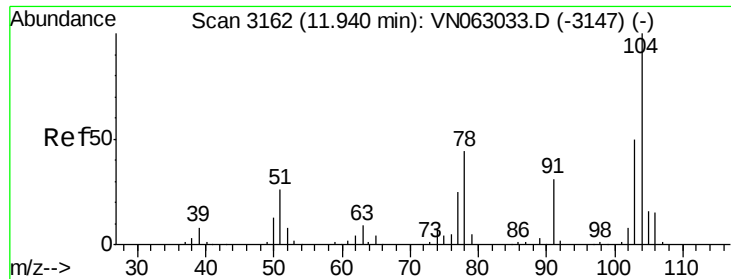
Tot Ion:106 Resp: 122114
Ion Ratio Lower Upper
106 100
91 206.2 164.9 247.3



#68
o-Xylene
Concen: 19.027 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion:106 Resp: 57458
Ion Ratio Lower Upper
106 100
91 219.9 108.0 324.0

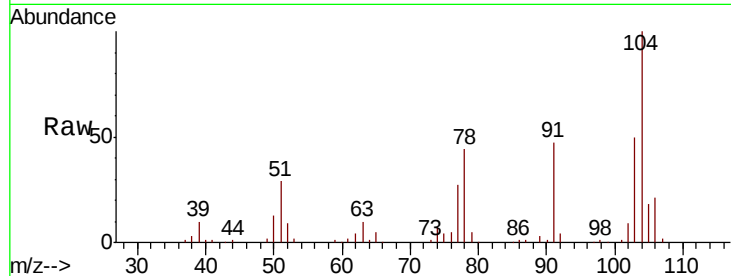




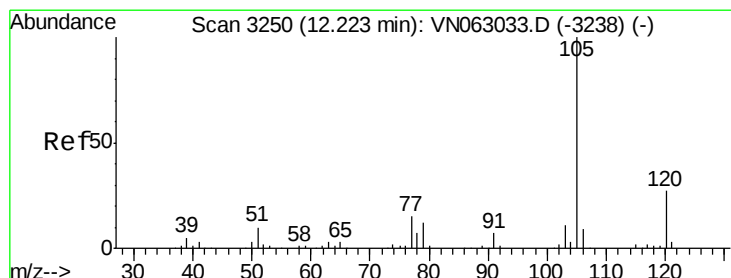
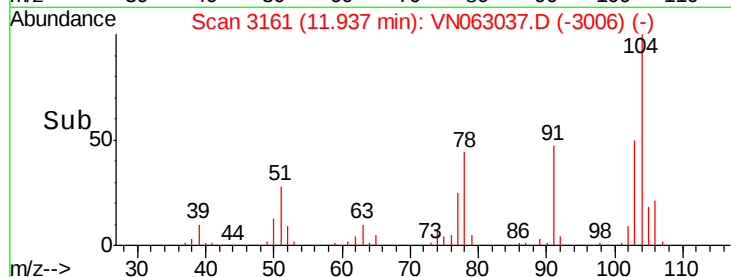
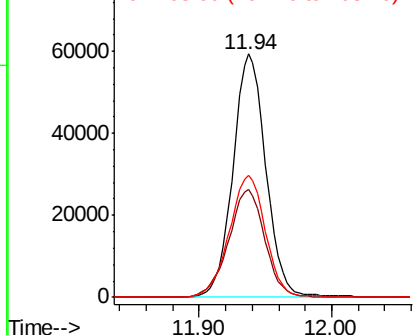
#69
Stvrene
Concen: 19.436 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion:104 Resp: 102531
Ion Ratio Lower Upper
104 100
78 48.6 39.6 59.4
103 54.7 44.4 66.6

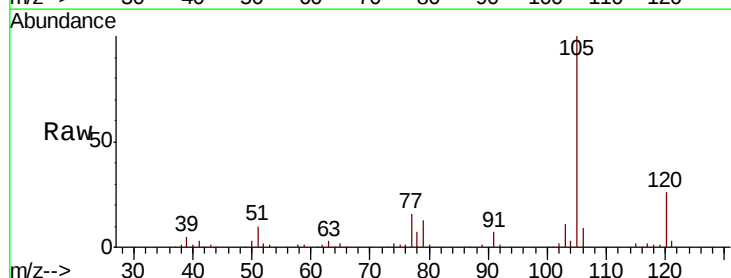


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

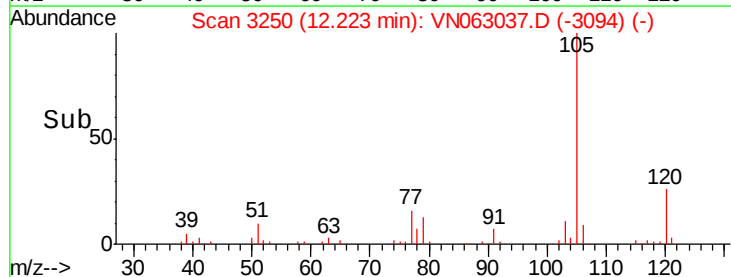
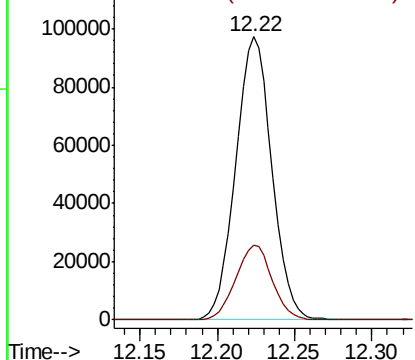


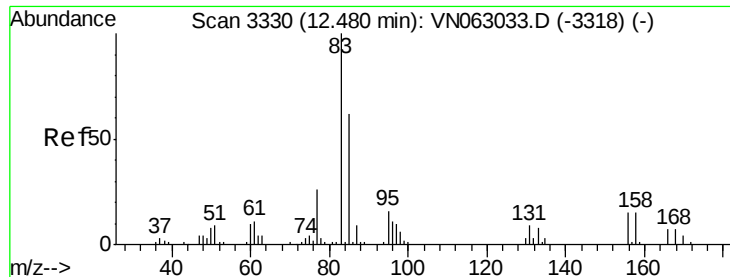
#70
Isopropylbenzene
Concen: 19.231 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion:105 Resp: 157981
Ion Ratio Lower Upper
105 100
120 26.6 18.5 34.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

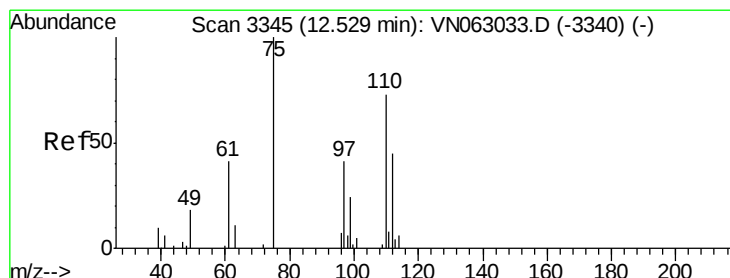
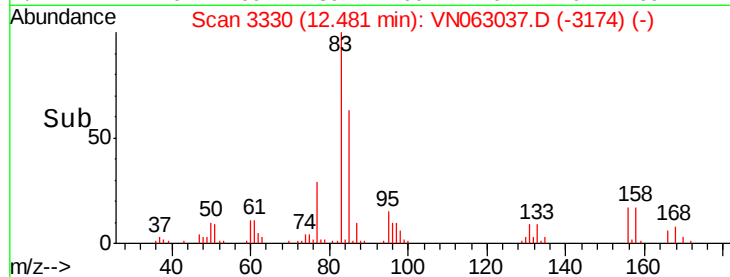
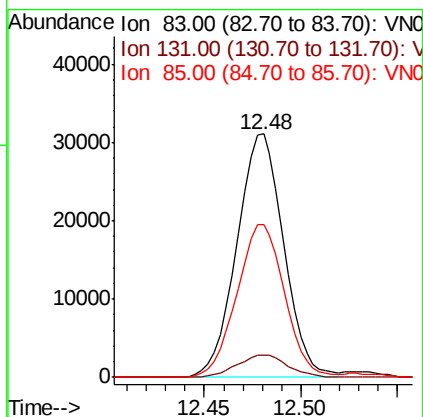
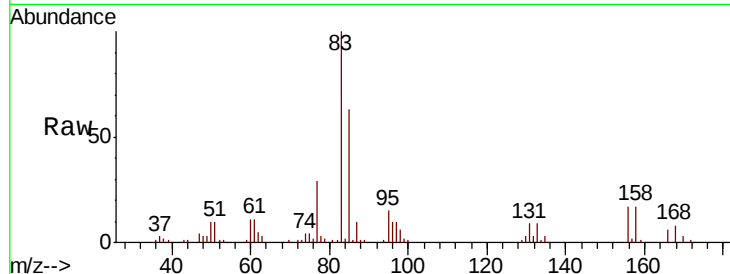




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.884 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

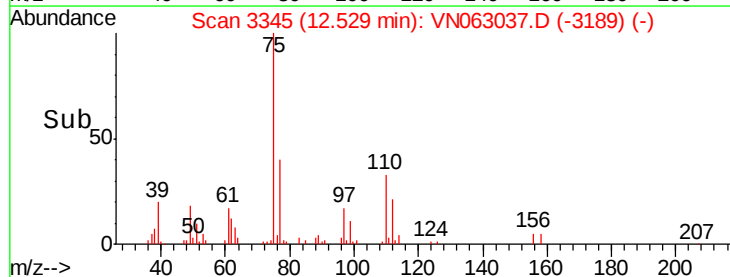
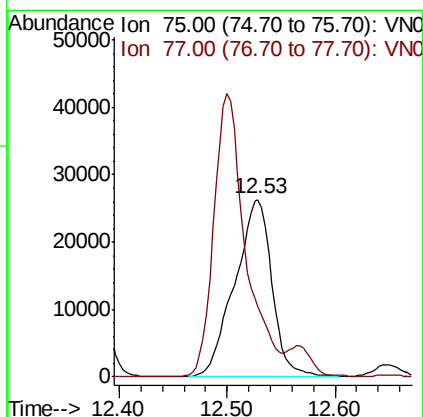
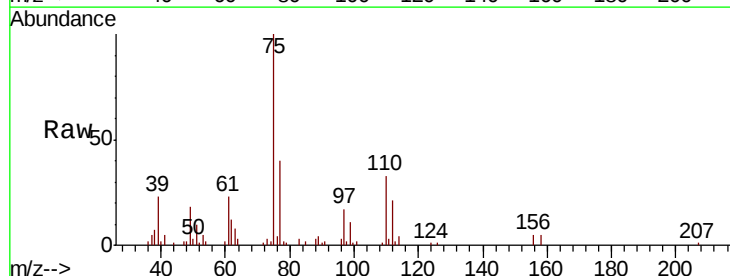
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

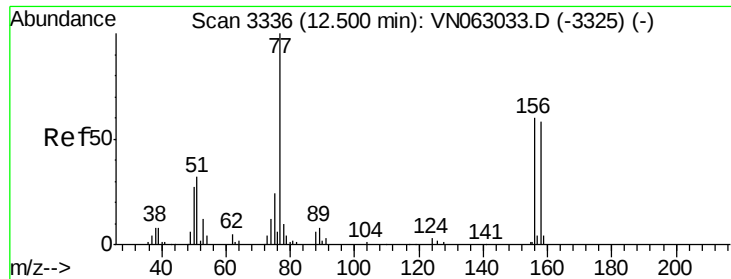
Tot Ion	83	Resp	52382
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.5	13.7
85	63.6	31.8	95.3



#72
 1,2,3-Trichloropropane
 Concen: 27.033 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	75	Resp	63190
Ion Ratio	Lower	Upper	
75	100		
77	136.6	0.0	387.8





#73

Bromobenzene

Concen: 19.883 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

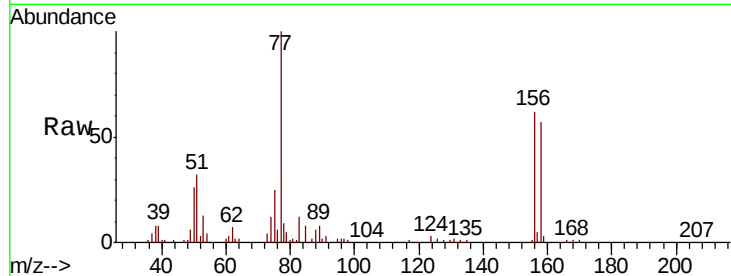
Tot Ion:156 Resp: 44048

Ion Ratio Lower Upper

156 100

77 195.9 0.0 398.6

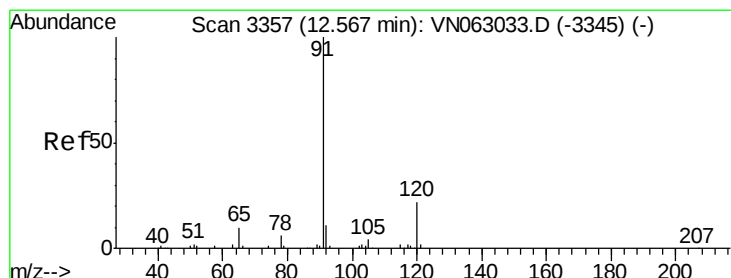
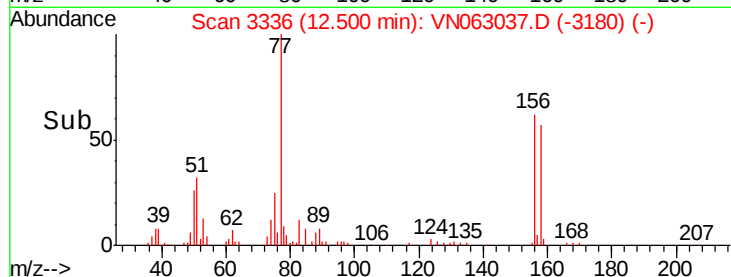
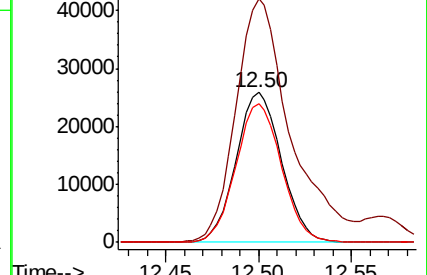
158 92.8 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.719 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063037.D

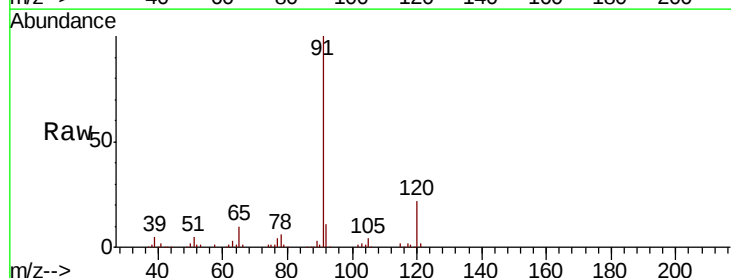
Acq: 20 Aug 2020 15:36

Tgt Ion: 91 Resp: 184459

Ion Ratio Lower Upper

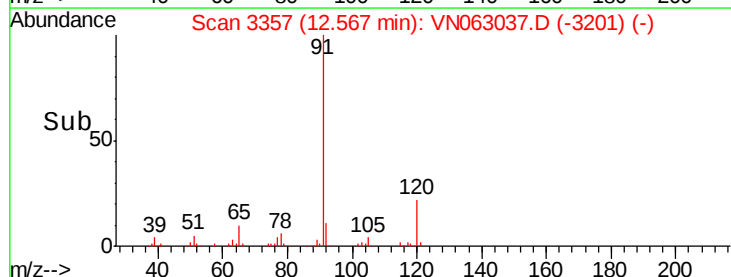
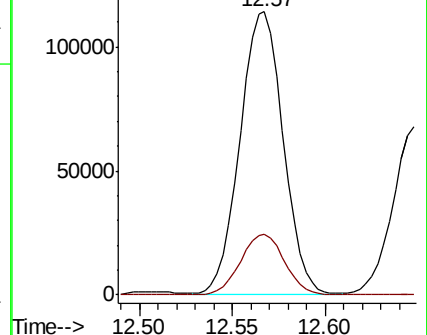
91 100

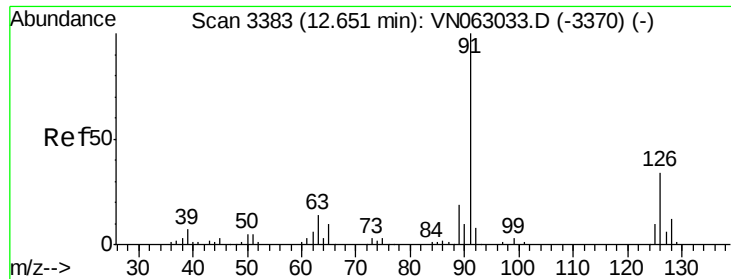
120 21.9 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.246 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

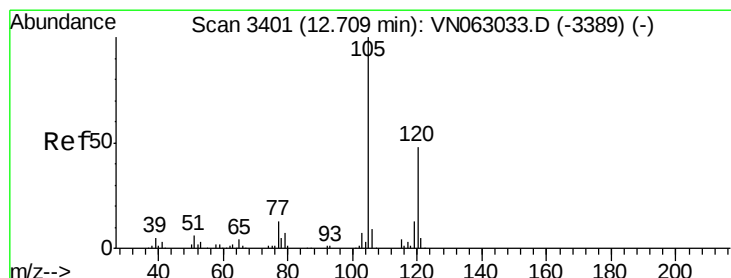
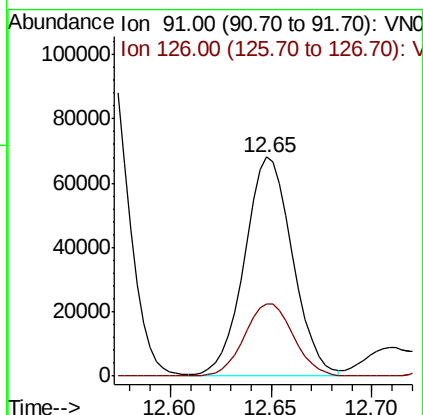
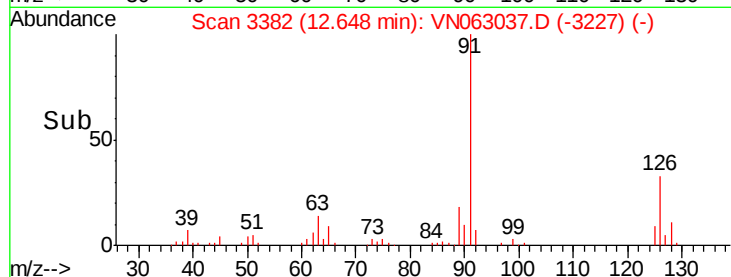
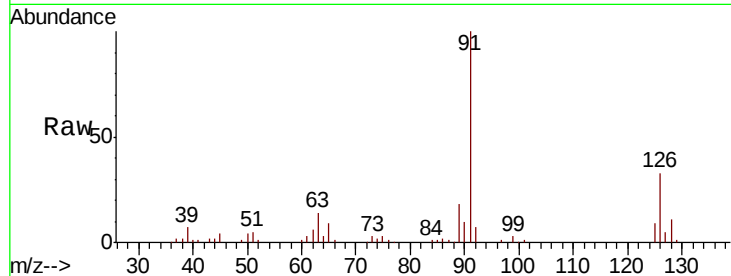
VN0820WBSD01

Tot Ion: 91 Resp: 113032

Ion Ratio Lower Upper

91 100

126 34.1 0.0 68.0



#76

1,3,5-Trimethylbenzene

Concen: 19.078 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063037.D

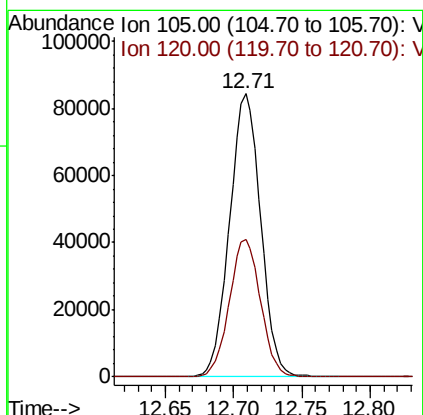
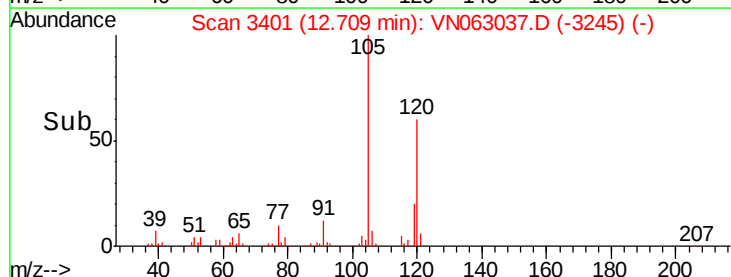
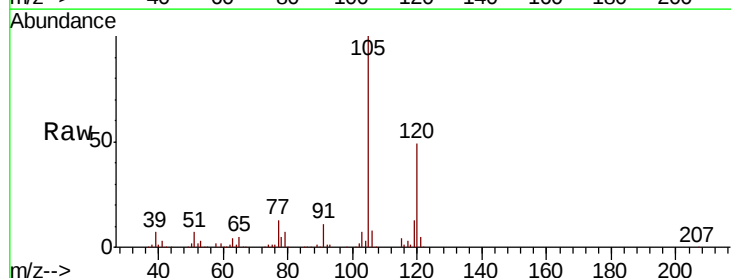
Acq: 20 Aug 2020 15:36

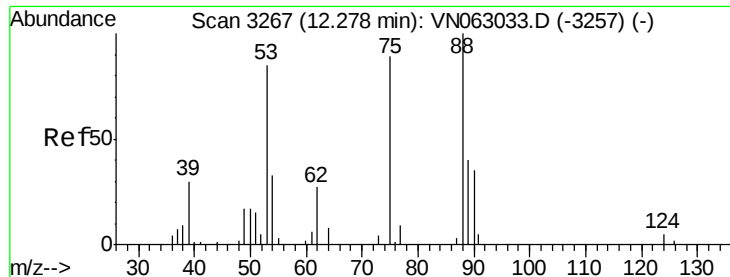
Tgt Ion:105 Resp: 133750

Ion Ratio Lower Upper

105 100

120 48.6 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.657 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

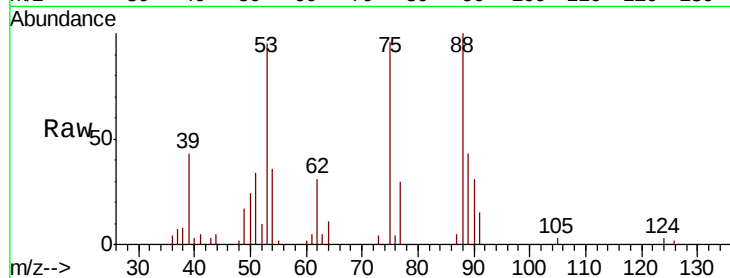
Tot Ion: 75 Resp: 15414

Ion Ratio Lower Upper

75 100

53 97.0 47.0 141.0

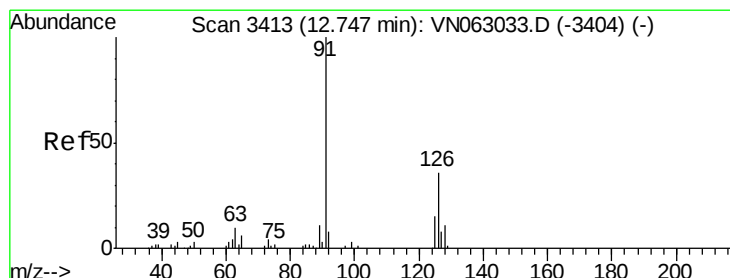
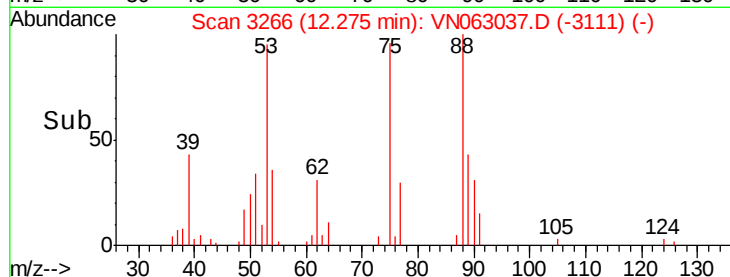
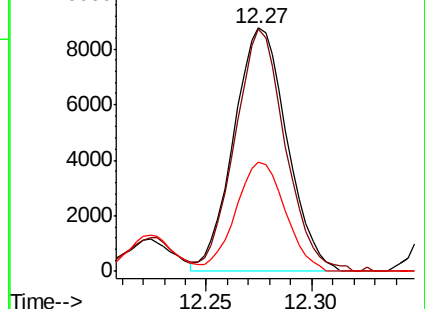
89 44.8 22.9 68.7



Abundance Ion 75.00 (74.70 to 75.70): VN063033.D (-3257) (-)

Ion 53.00 (52.70 to 53.70): VN063033.D (-3257) (-)

Ion 89.00 (88.70 to 89.70): VN063033.D (-3257) (-)



#78

4-Chlorotoluene

Concen: 19.027 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN063037.D

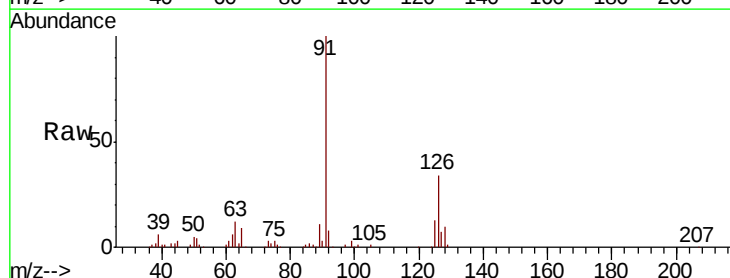
Acq: 20 Aug 2020 15:36

Tgt Ion: 91 Resp: 115216

Ion Ratio Lower Upper

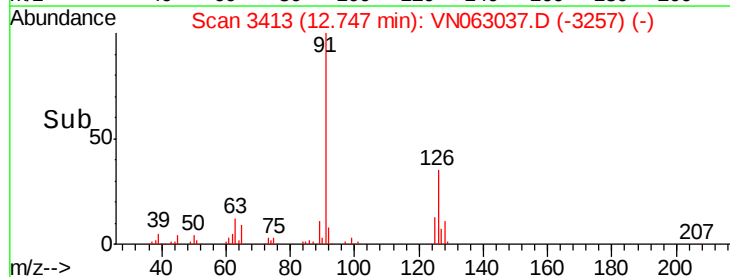
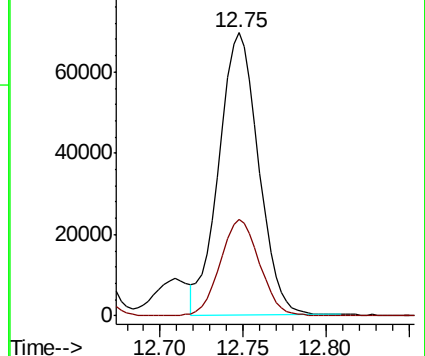
91 100

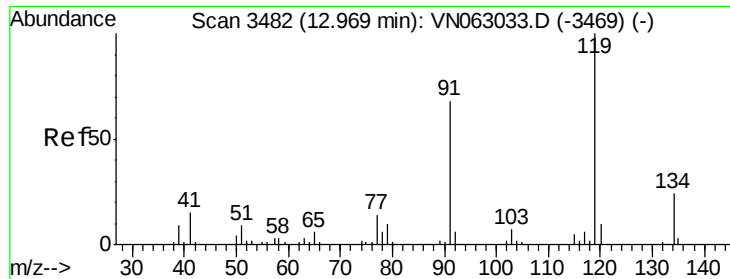
126 33.9 0.0 65.0



Abundance Ion 91.00 (90.70 to 91.70): VN063033.D (-3404) (-)

Ion 126.00 (125.70 to 126.70): VN063033.D (-3404) (-)

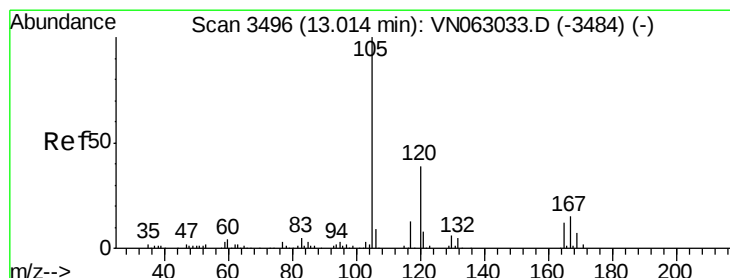
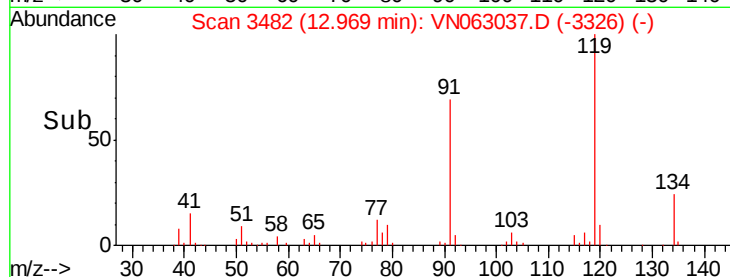
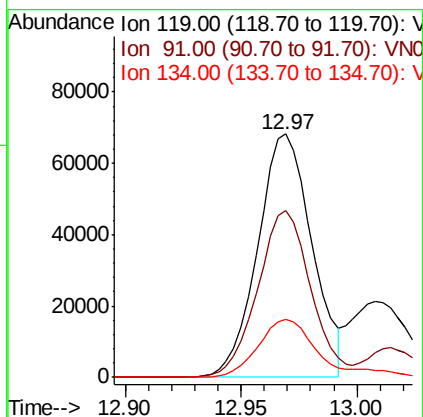
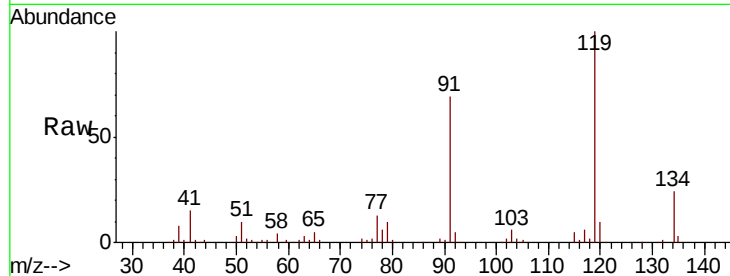




#79
tert-butylbenzene
Concen: 18.872 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

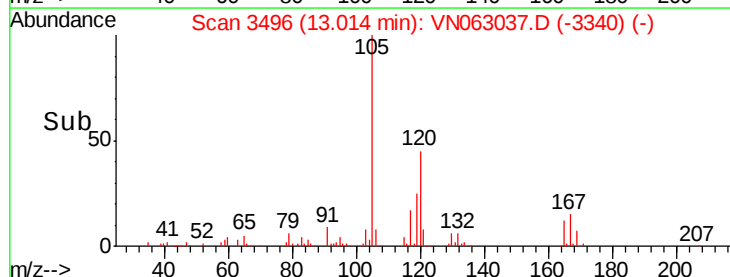
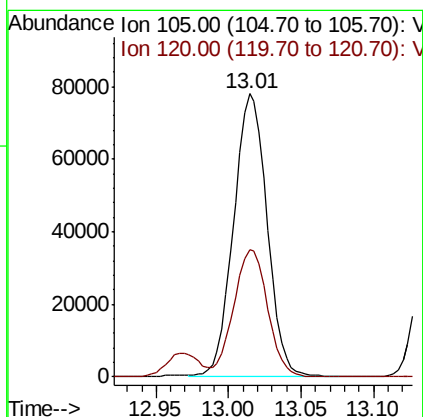
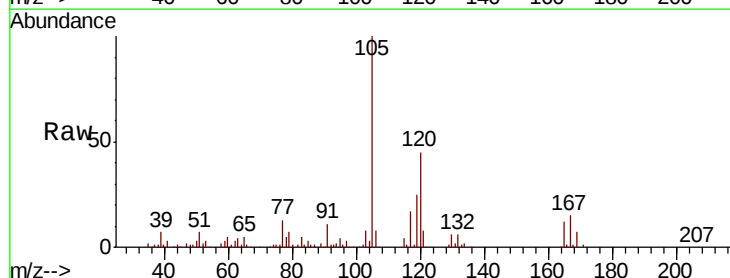
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

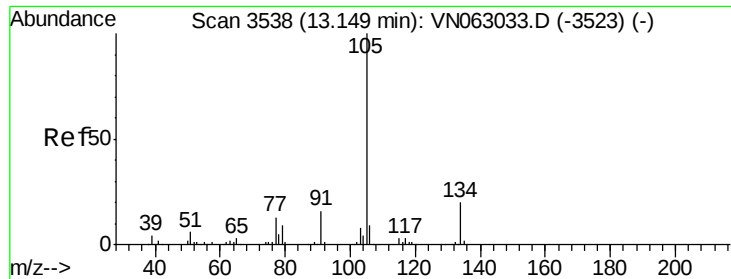
Tot Ion:119 Resp: 111320
Ion Ratio Lower Upper
119 100
91 67.4 0.0 136.8
134 24.1 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 18.284 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion:105 Resp: 124777
Ion Ratio Lower Upper
105 100
120 45.8 0.0 90.4





#81

sec-Butylbenzene

Concen: 18.845 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

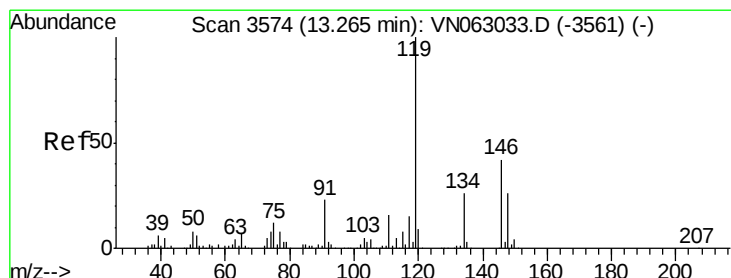
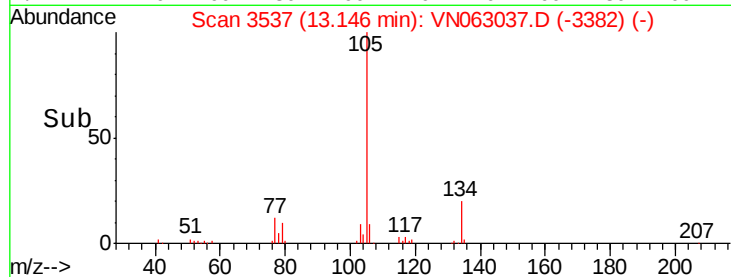
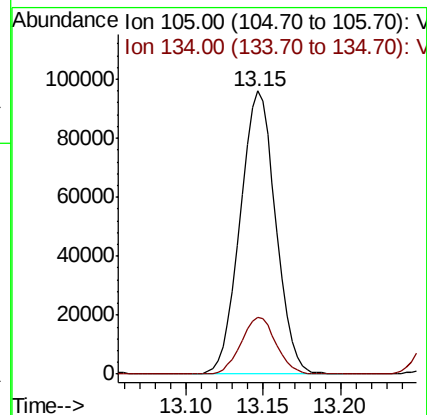
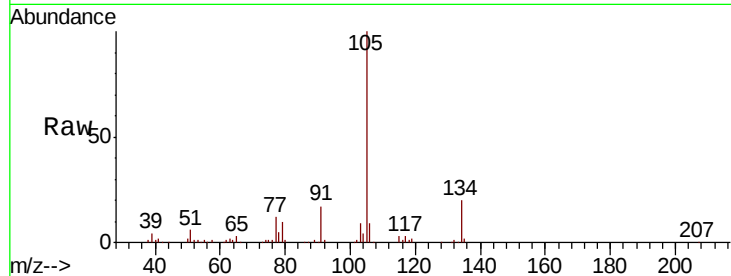
VN0820WBSD01

Tot Ion:105 Resp: 153127

Ion Ratio Lower Upper

105 100

134 19.7 0.0 39.4



#82

p-Isopropyltoluene

Concen: 18.003 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

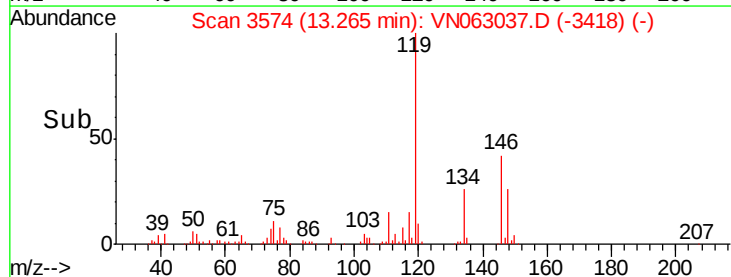
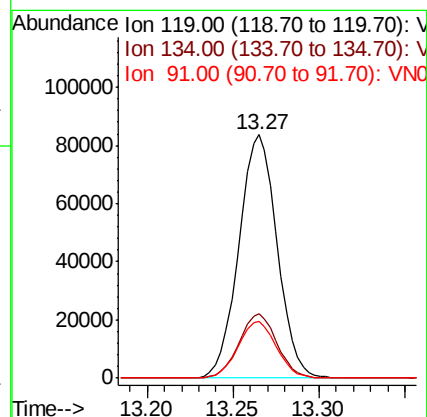
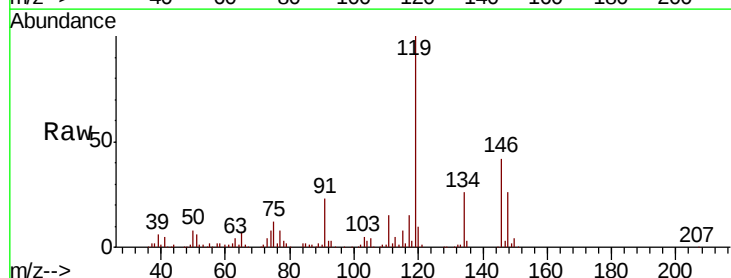
Tgt Ion:119 Resp: 129687

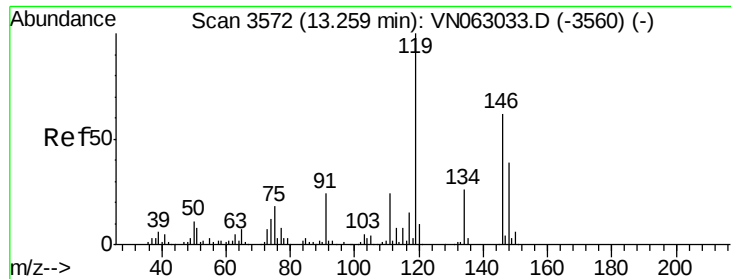
Ion Ratio Lower Upper

119 100

134 26.0 0.0 52.2

91 23.5 0.0 46.2

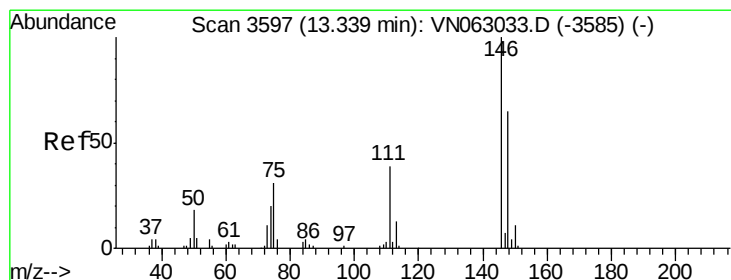
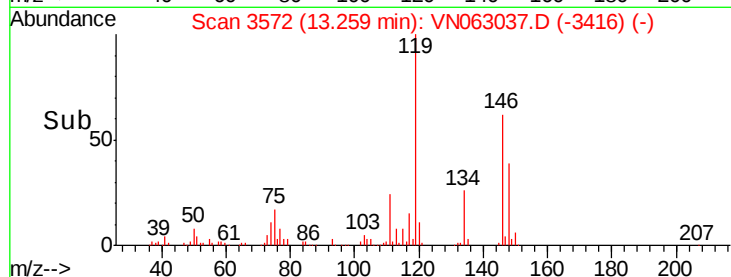
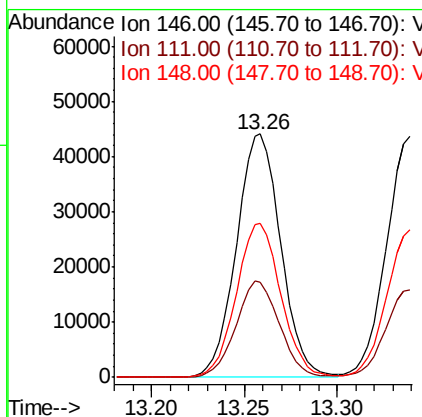
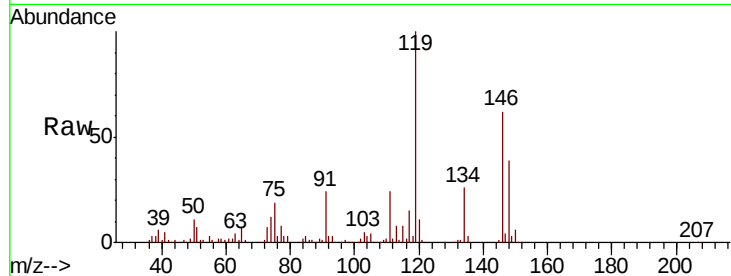




#83
 1,3-Dichlorobenzene
 Concen: 19.005 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

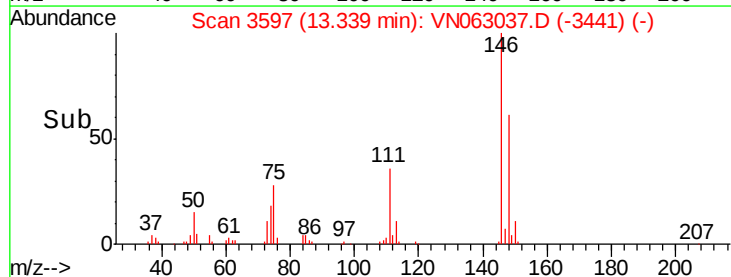
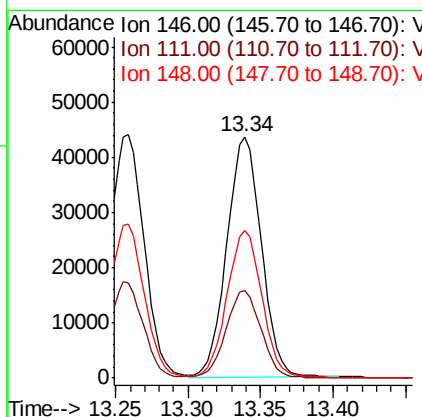
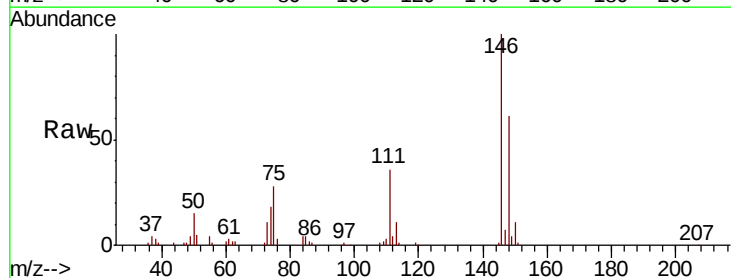
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

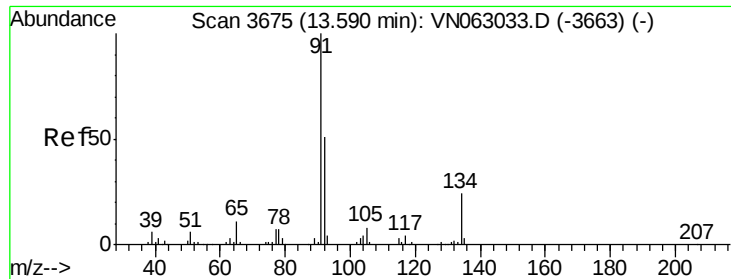
Tot Ion:146 Resp: 73510
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 63.4 31.5 94.5



#84
 1,4-Dichlorobenzene
 Concen: 19.046 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion:146 Resp: 72002
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.6 55.8
 148 61.5 31.6 94.8

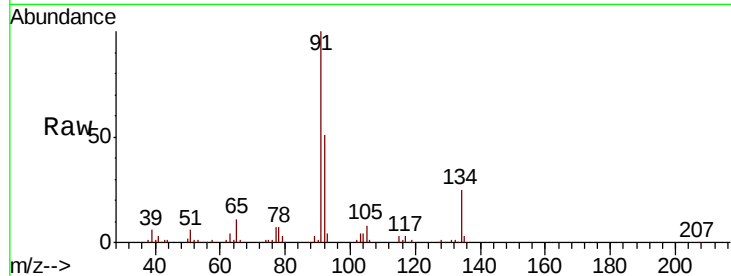




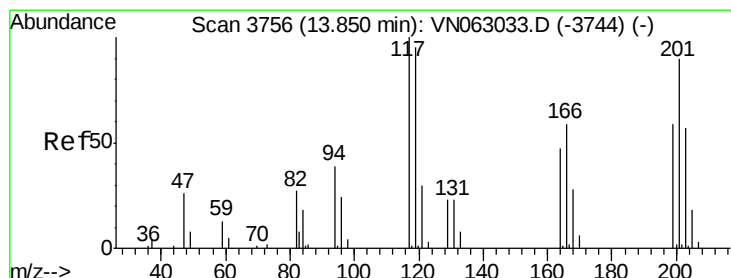
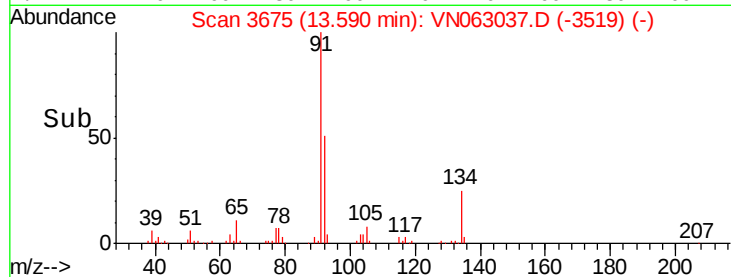
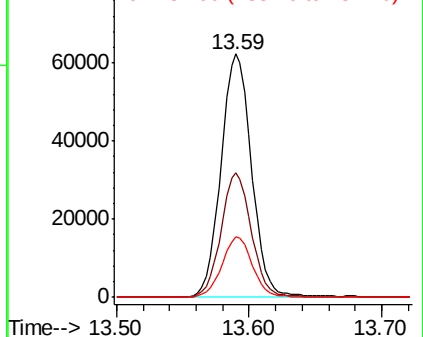
#85
n-Butylbenzene
Concen: 16.664 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion: 91 Resp: 99760
Ion Ratio Lower Upper
91 100
92 50.5 0.0 100.6
134 24.6 0.0 47.4

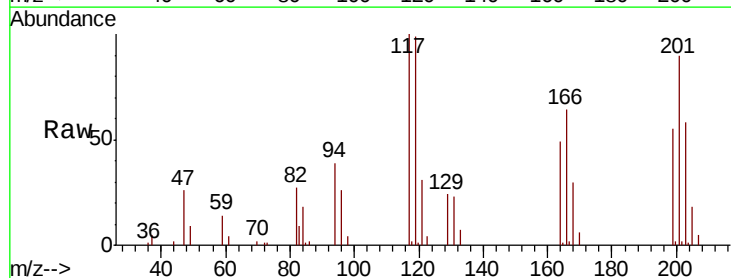


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

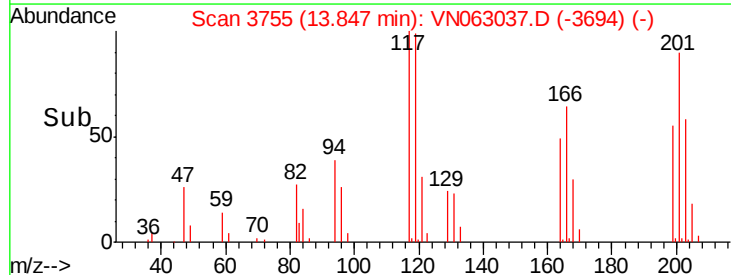
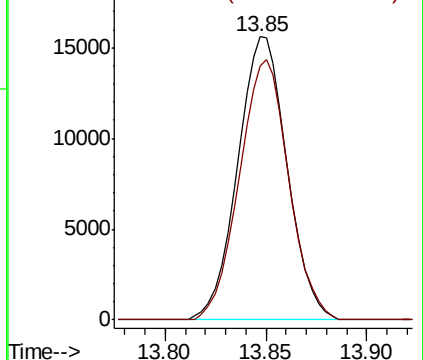


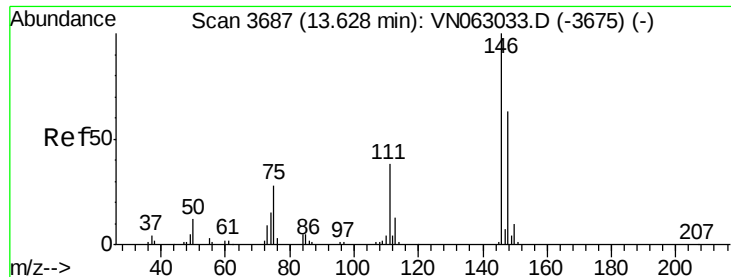
#86
Hexachloroethane
Concen: 18.832 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 117 Resp: 26719
Ion Ratio Lower Upper
117 100
201 91.7 46.1 138.3



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V





#87

1,2-Dichlorobenzene

Concen: 18.952 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

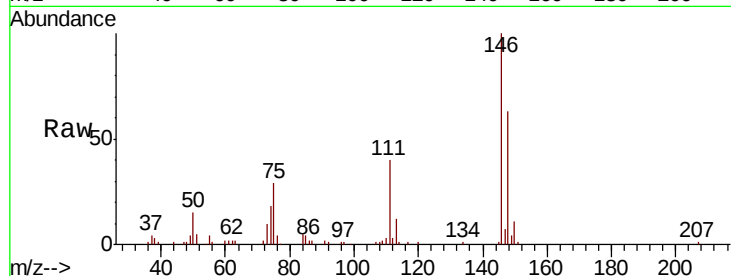
Tot Ion:146 Resp: 70207

Ion Ratio Lower Upper

146 100

111 40.5 19.1 57.3

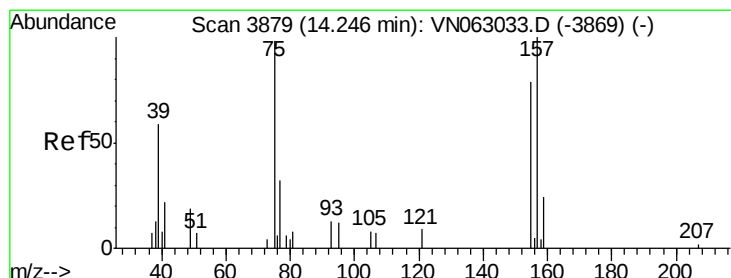
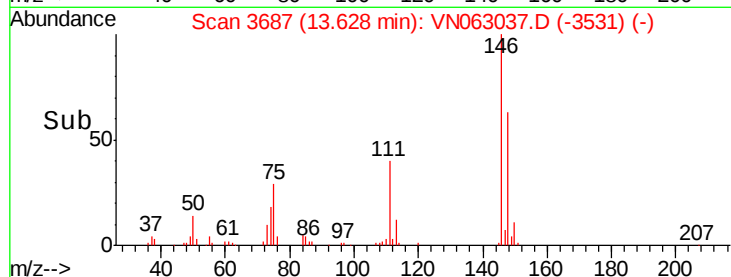
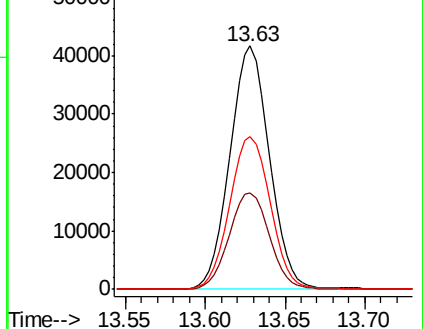
148 64.6 31.8 95.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.903 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

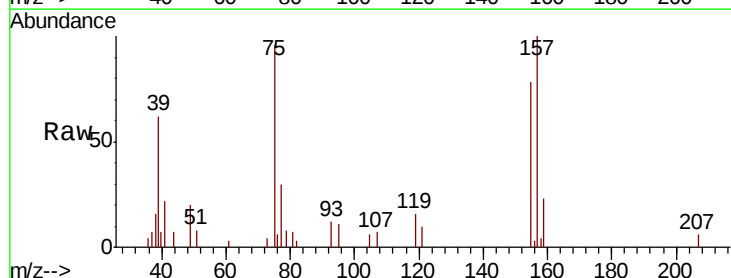
Tgt Ion: 75 Resp: 7899

Ion Ratio Lower Upper

75 100

155 83.3 64.8 97.2

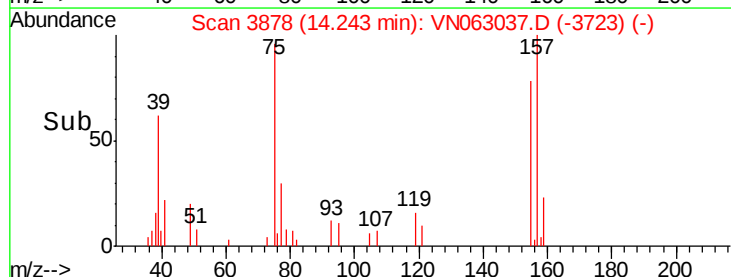
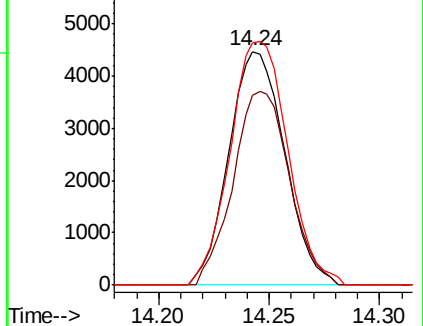
157 107.7 81.2 121.8

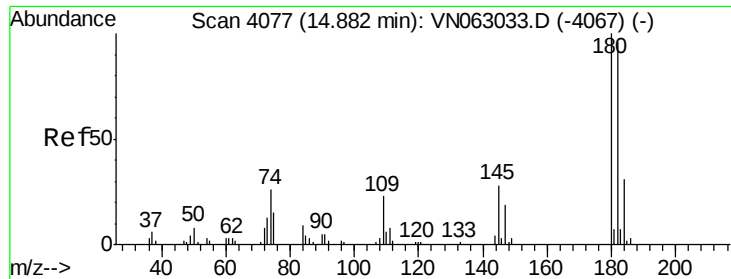


Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

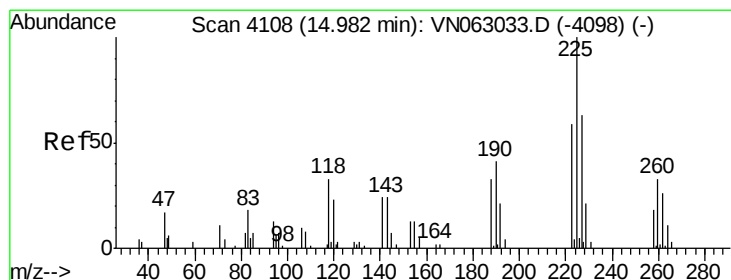
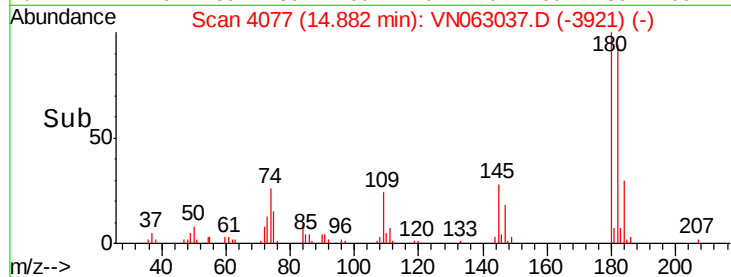
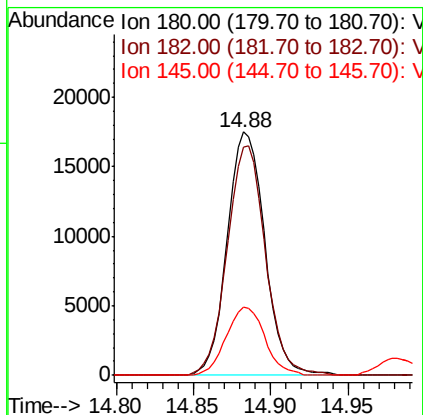
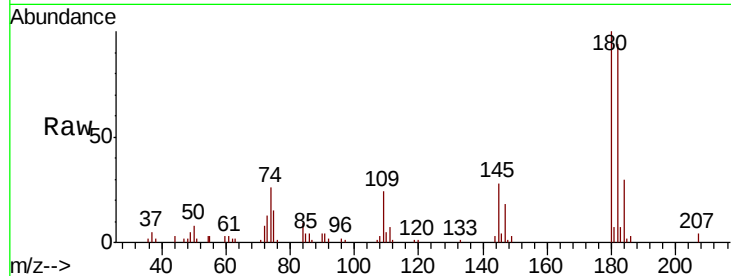




#89
 1,2,4-Trichlorobenzene
 Concen: 16.181 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

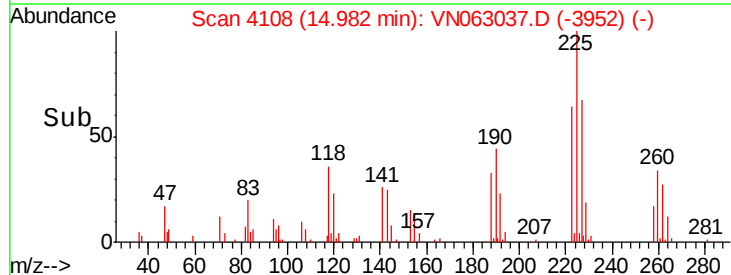
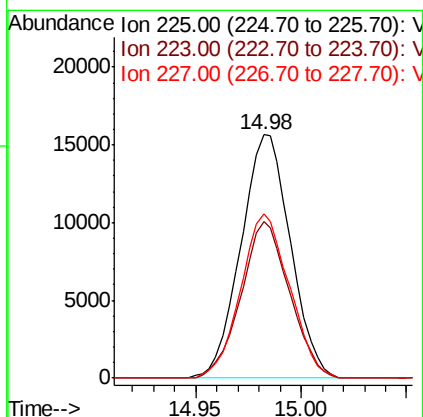
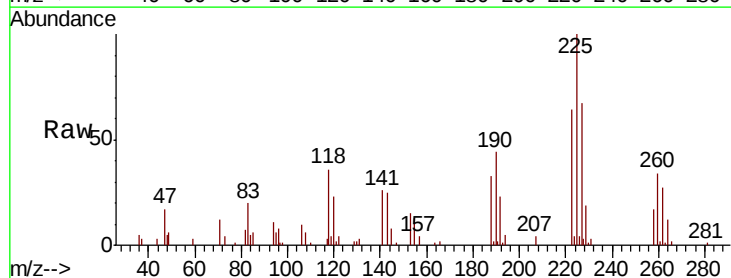
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

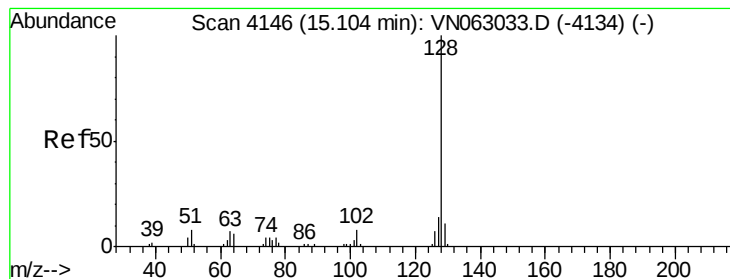
Tot Ion:180 Resp: 29582
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.9 115.3
 145 28.7 21.9 32.9



#90
 Hexachlorobutadiene
 Concen: 18.843 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion:225 Resp: 25497
 Ion Ratio Lower Upper
 225 100
 223 63.0 0.0 122.8
 227 66.2 0.0 125.6





#91

Naphthalene

Concen: 15.158 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

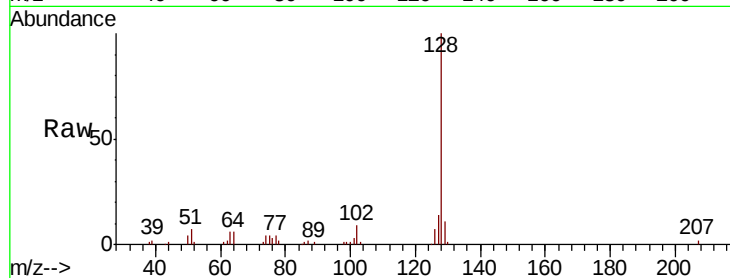
Tot Ion:128 Resp: 61235

Ion Ratio Lower Upper

128 100

127 13.3 11.1 16.7

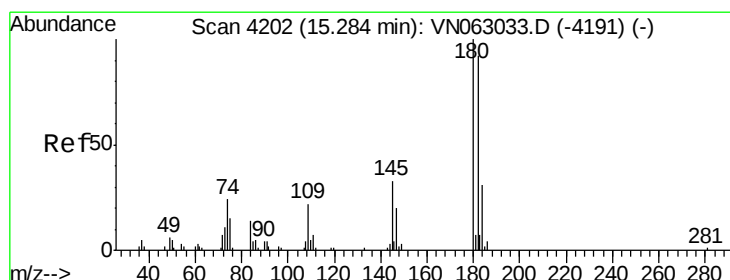
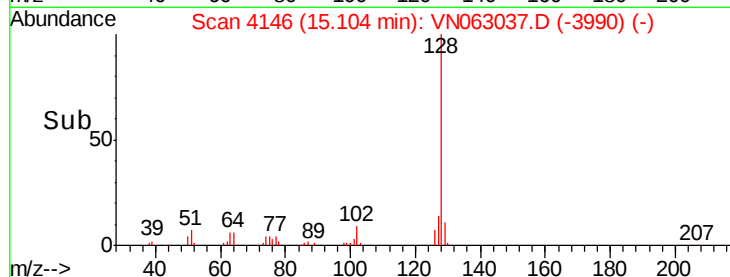
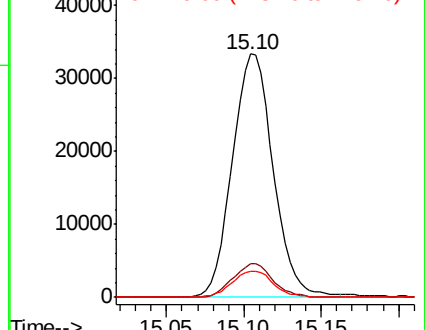
129 10.8 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.007 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

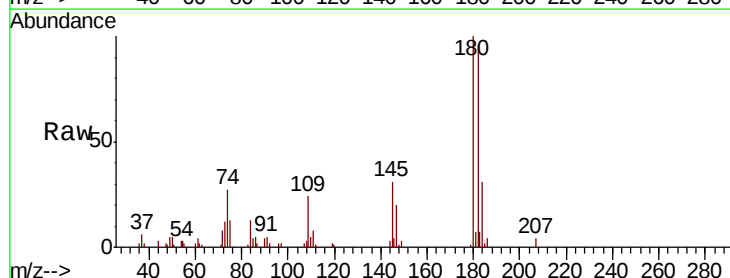
Tgt Ion:180 Resp: 31041

Ion Ratio Lower Upper

180 100

182 95.1 0.0 188.0

145 29.4 0.0 62.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

