

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063185.D
 Acq On : 2 Sep 2020 11:00
 Operator : JC/MD
 Sample : VN0902WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Quant Time: Sep 03 00:56:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	417958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	758924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	702053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	314525	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	319552	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
35) Dibromofluoromethane	7.55	113	238542	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
50) Toluene-d8	10.06	98	934888	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.38	95	318188	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	76510	18.588	ug/l	98
3) Chloromethane	2.04	50	106293	17.734	ug/l	100
4) Vinyl Chloride	2.17	62	125544	18.962	ug/l	100
5) Bromomethane	2.54	94	109701	19.684	ug/l	97
6) Chloroethane	2.68	64	109576	20.815	ug/l	99
7) Trichlorofluoromethane	2.98	101	193925	18.823	ug/l	100
8) Diethyl Ether	3.37	74	58918	18.599	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	89851	19.966	ug/l	99
10) Methyl Iodide	3.91	142	98739	16.087	ug/l	99
11) Tert butyl alcohol	4.73	59	85617	102.086	ug/l	96
12) 1,1-Dichloroethene	3.70	96	86018	18.758	ug/l	93
13) Acrolein	3.56	56	5410	31.644	ug/l #	1
14) Allyl chloride	4.28	41	150548	18.485	ug/l	96
15) Acrylonitrile	4.93	53	210649	91.209	ug/l	98
16) Acetone	3.78	43	187150	96.357	ug/l	97
17) Carbon Disulfide	4.01	76	240962	17.654	ug/l	98
18) Methyl Acetate	4.28	43	104032	20.890	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	311166	18.292	ug/l	99
20) Methylene Chloride	4.51	84	104027	18.740	ug/l	85
21) trans-1,2-Dichloroethene	4.99	96	98329	19.409	ug/l	94
22) Diisopropyl ether	5.91	45	330649	18.117	ug/l	92
23) Vinyl Acetate	5.84	43	1371068	94.152	ug/l	100
24) 1,1-Dichloroethane	5.80	63	184674	18.355	ug/l	98
25) 2-Butanone	6.78	43	301179	100.146	ug/l	97
26) 2,2-Dichloropropane	6.78	77	168681	18.505	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	111114	18.044	ug/l	97
28) Bromochloromethane	7.15	49	92775	17.650	ug/l	100
29) Tetrahydrofuran	7.17	42	199158	95.773	ug/l	98
30) Chloroform	7.33	83	196643	18.681	ug/l	95
31) Cyclohexane	7.61	56	165988	17.585	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	171124	18.866	ug/l	98
36) 1,1-Dichloropropene	7.75	75	145088	19.886	ug/l	98
37) Ethyl Acetate	6.88	43	132244	19.430	ug/l #	92
38) Carbon Tetrachloride	7.73	117	139247	18.820	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063185.D
 Acq On : 2 Sep 2020 11:00
 Operator : JC/MD
 Sample : VN0902WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Quant Time: Sep 03 00:56:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	159406	19.448	ug/l	96
40) Benzene	8.00	78	427031	19.918	ug/l	98
41) Methacrylonitrile	7.13	41	61622	20.049	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	159390	19.902	ug/l	99
43) Isopropyl Acetate	8.13	43	235523	19.794	ug/l #	89
44) Trichloroethene	8.80	130	113169	21.762	ug/l	95
45) 1,2-Dichloropropane	9.08	63	109422	19.276	ug/l	98
46) Dibromomethane	9.17	93	75235	19.999	ug/l	99
47) Bromodichloromethane	9.37	83	157252	19.502	ug/l	99
48) Methyl methacrylate	9.17	41	104175	19.422	ug/l	93
49) 1,4-Dioxane	9.17	88	34247	412.796	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	681888	105.461	ug/l	100
52) Toluene	10.13	92	265314	19.865	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	167181	18.954	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	178864	19.319	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	100445	19.638	ug/l	98
56) Ethyl methacrylate	10.40	69	152112	19.542	ug/l	99
57) 1,3-Dichloropropane	10.68	76	180136	19.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	355711	88.247	ug/l	99
59) 2-Hexanone	10.72	43	485804	106.910	ug/l	98
60) Dibromochloromethane	10.87	129	112497	19.894	ug/l	99
61) 1,2-Dibromoethane	10.98	107	103936	19.548	ug/l	95
64) Tetrachloroethene	10.60	164	113536	22.521	ug/l	94
65) Chlorobenzene	11.41	112	277068	19.594	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	102148	19.457	ug/l	99
67) Ethyl Benzene	11.49	91	523323	20.287	ug/l	99
68) m/p-Xylenes	11.59	106	377204	39.481	ug/l	100
69) o-Xylene	11.92	106	181819	19.700	ug/l	97
70) Styrene	11.94	104	310753	19.591	ug/l	100
71) Bromoform	12.10	173	64979	18.238	ug/l #	100
73) Isopropylbenzene	12.23	105	494578	20.502	ug/l	99
74) N-amyl acetate	12.05	43	193316	19.346	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	133741	19.230	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	185478	30.014	ug/l #	100
77) Bromobenzene	12.50	156	110906	20.328	ug/l	97
78) n-propylbenzene	12.57	91	584425	20.936	ug/l	100
79) 2-Chlorotoluene	12.65	91	334679	20.017	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	413701	20.603	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	43557	17.036	ug/l	94
82) 4-Chlorotoluene	12.75	91	347066	20.015	ug/l	100
83) tert-Butylbenzene	12.97	119	345219	20.047	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	422501	20.875	ug/l	98
85) sec-Butylbenzene	13.15	105	473955	21.118	ug/l	99
86) p-Isopropyltoluene	13.26	119	416272	20.891	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	204967	20.450	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	204663	19.721	ug/l	99
89) n-Butylbenzene	13.59	91	384800	20.904	ug/l	99
90) Hexachloroethane	13.85	117	65357	17.719	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	208894	21.478	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	28895	18.897	ug/l	98

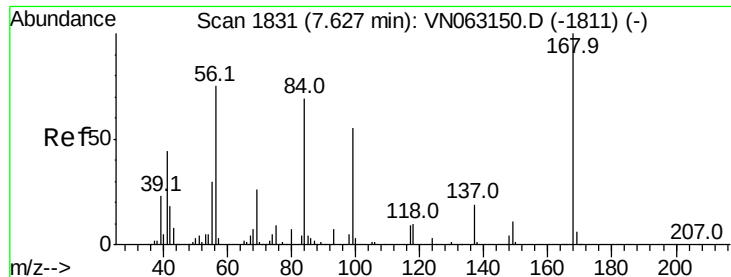
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
Data File : VN063185.D
Acq On : 2 Sep 2020 11:00
Operator : JC/MD
Sample : VN0902WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Quant Time: Sep 03 00:56:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	111804	20.576	ug/l	97
94) Hexachlorobutadiene	14.98	225	40501	19.952	ug/l	97
95) Naphthalene	15.11	128	336356	18.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	106474	20.112	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

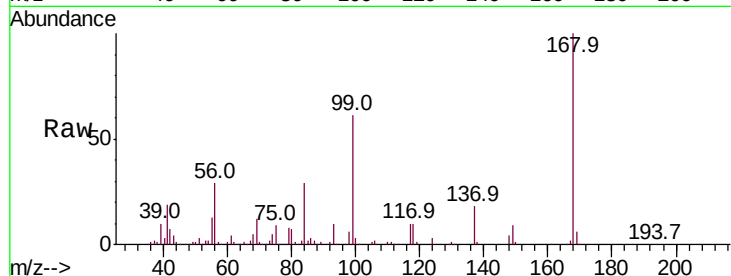
VN0902WBS01

Tot Ion:168 Resp: 417958

Ion Ratio Lower Upper

168 100

99 61.1 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.62

200000

150000

100000

50000

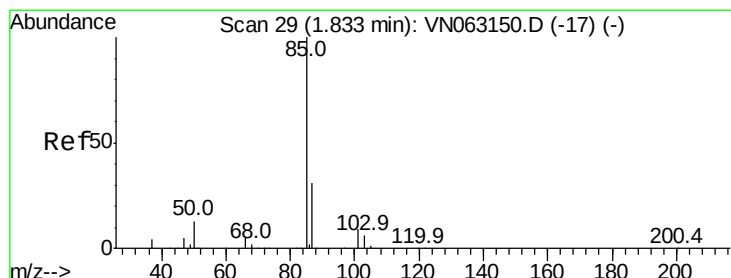
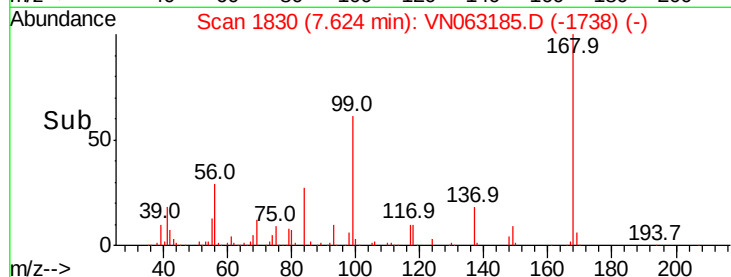
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.588 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063185.D

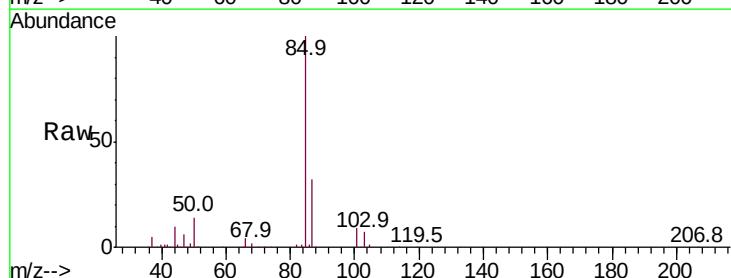
Acq: 2 Sep 2020 11:00

Tgt Ion: 85 Resp: 76510

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

60000

40000

20000

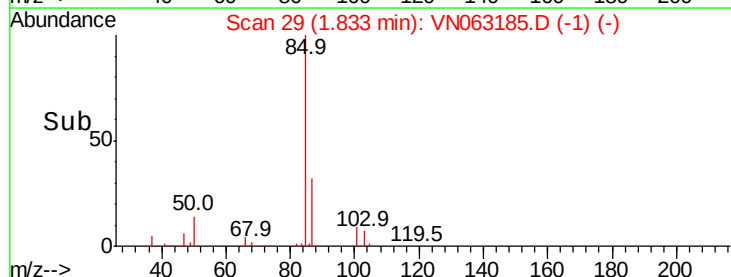
0

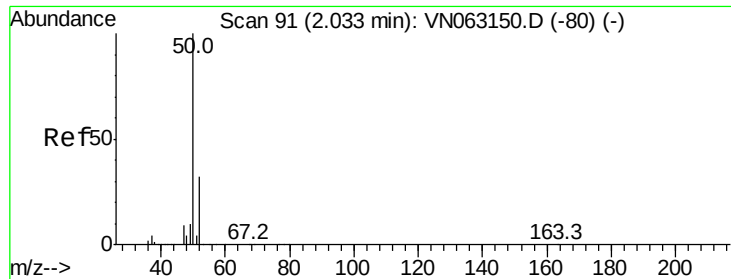
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 17.734 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

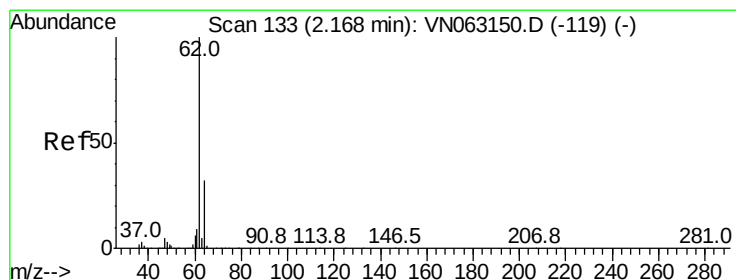
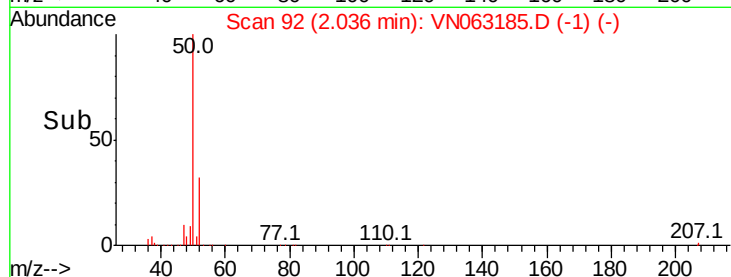
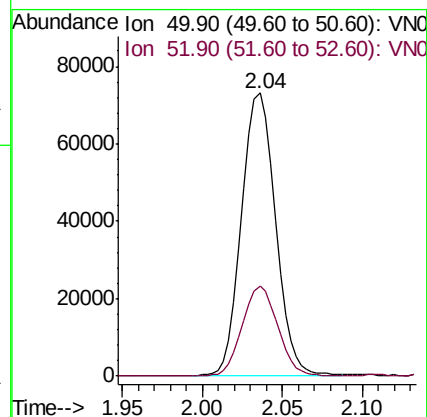
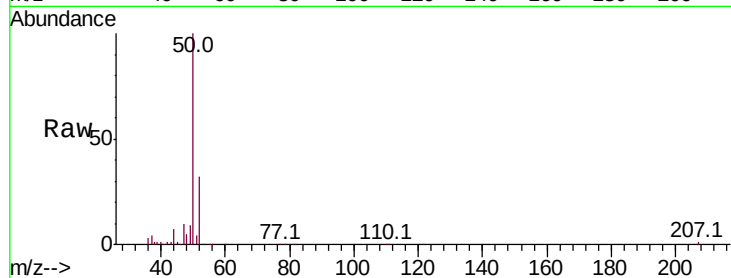
VN0902WBS01

Tot Ion: 50 Resp: 106293

Ion Ratio Lower Upper

50 100

52 32.0 25.8 38.6



#4

Vinyl Chloride

Concen: 18.962 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063185.D

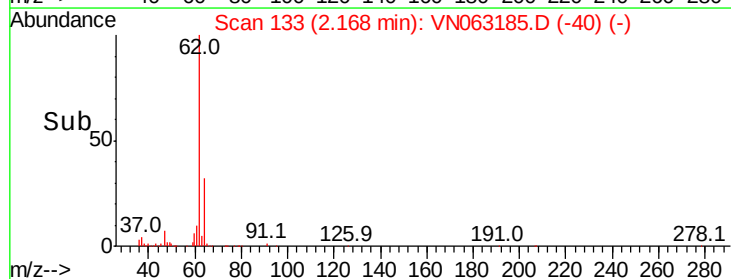
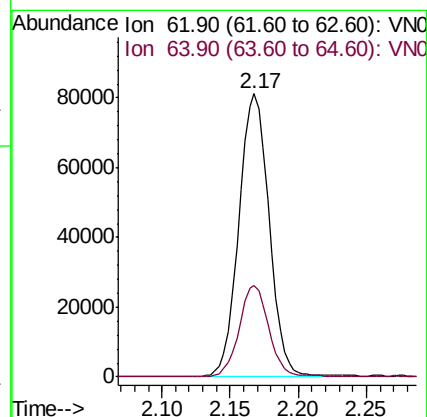
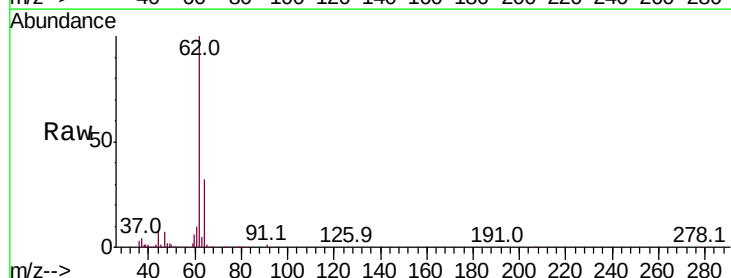
Acq: 2 Sep 2020 11:00

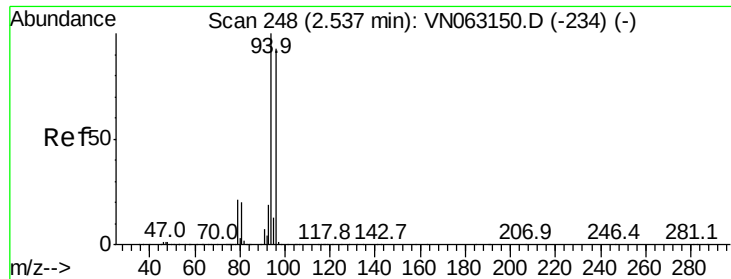
Tgt Ion: 62 Resp: 125544

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 19.684 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

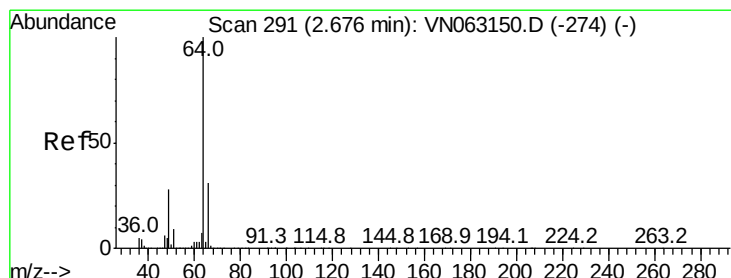
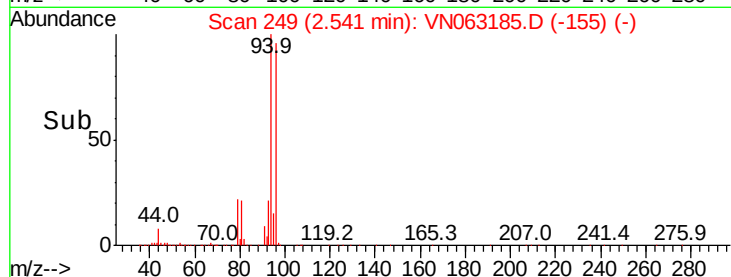
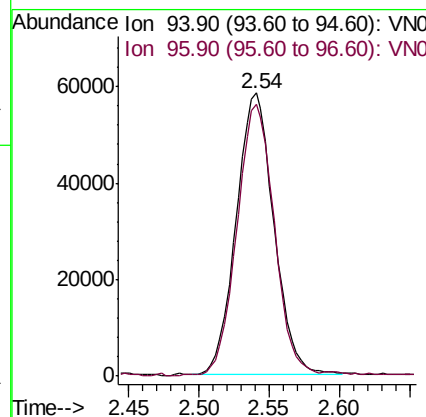
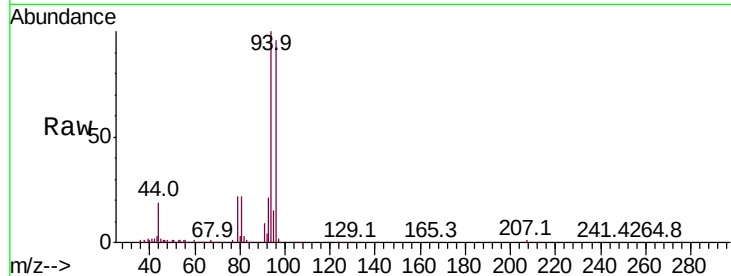
VN0902WBS01

Tot Ion: 94 Resp: 109701

Ion Ratio Lower Upper

94 100

96 95.8 74.4 111.6



#6

Chloroethane

Concen: 20.815 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063185.D

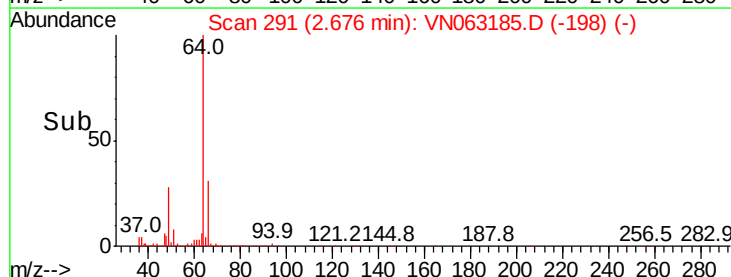
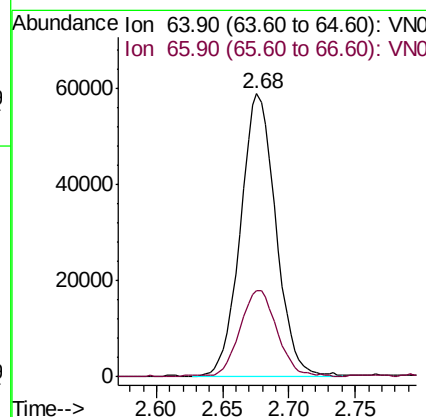
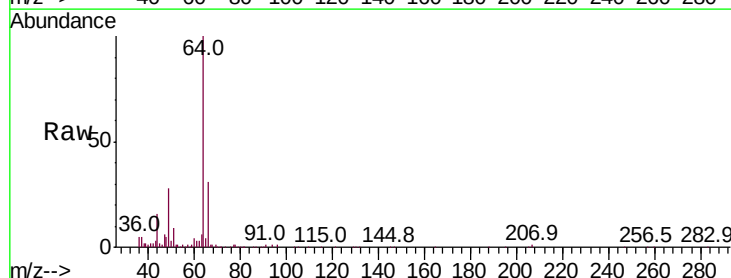
Acq: 2 Sep 2020 11:00

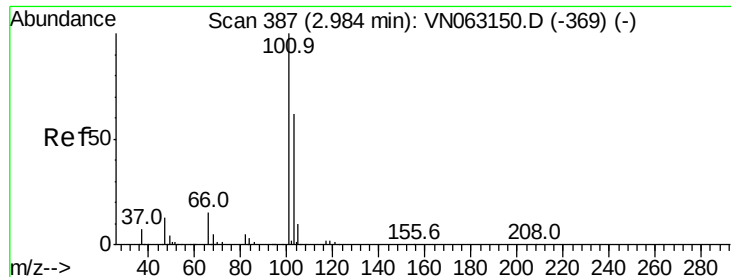
Tgt Ion: 64 Resp: 109576

Ion Ratio Lower Upper

64 100

66 30.4 24.7 37.1



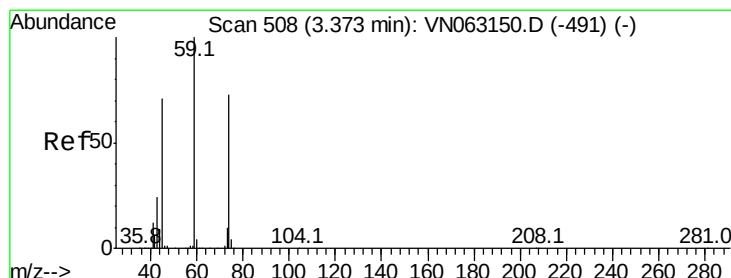
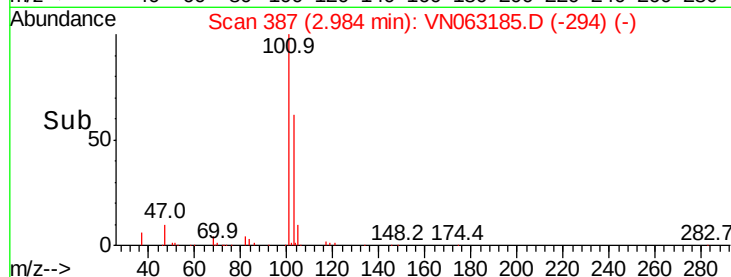
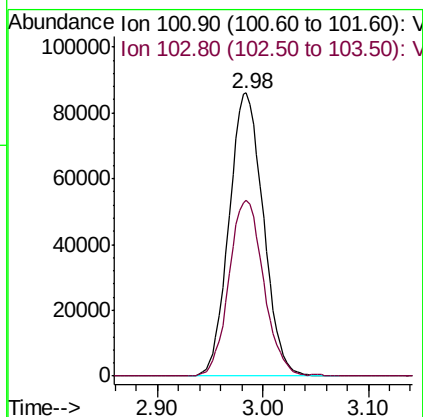
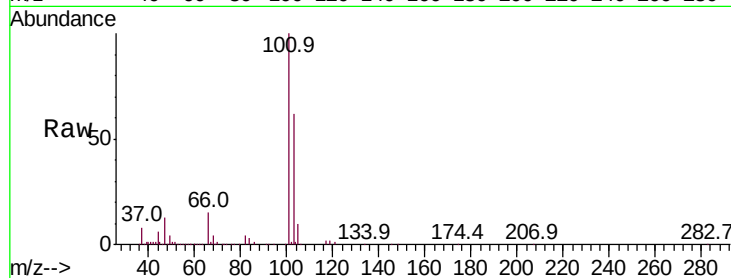


#7

Trichlorofluoromethane
 Concen: 18.823 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

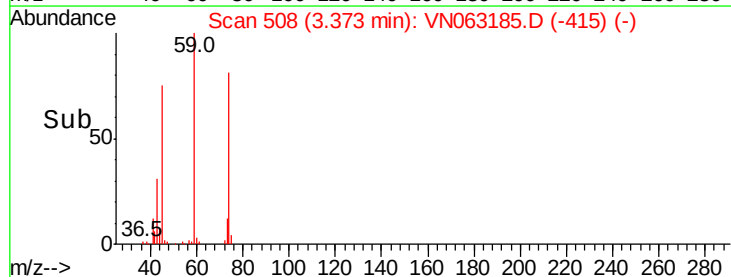
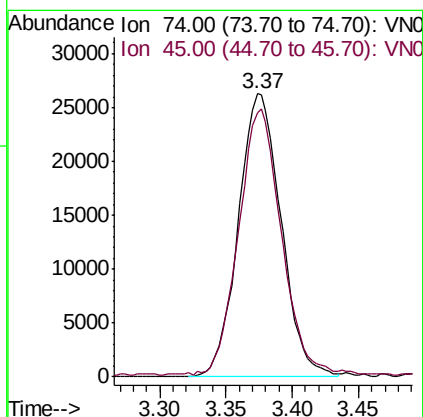
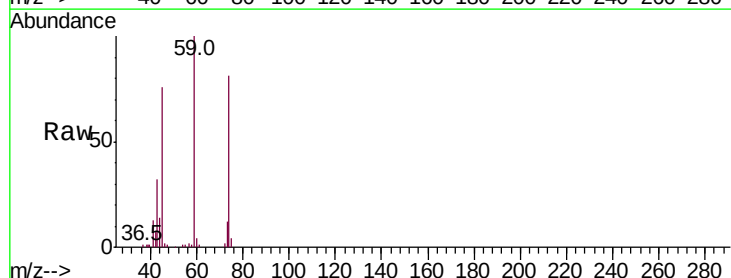
Tot Ion:101 Resp: 193925
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.7 74.5

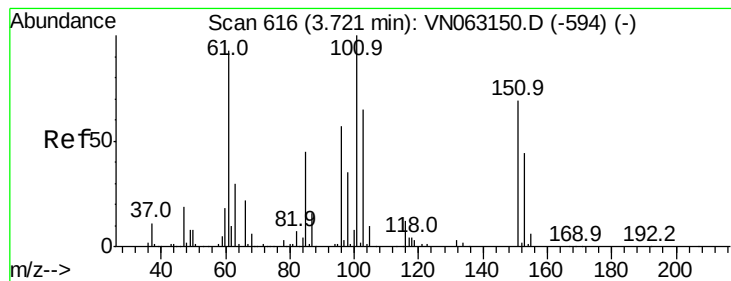


#8

Diethyl Ether
 Concen: 18.599 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion: 74 Resp: 58918
 Ion Ratio Lower Upper
 74 100
 45 93.3 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.966 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

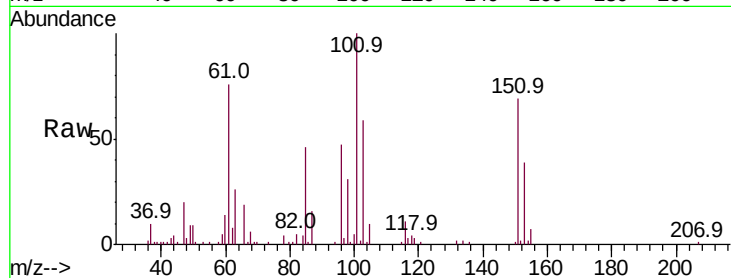
Tot Ion:101 Resp: 89851

Ion Ratio Lower Upper

101 100

85 46.5 37.8 56.8

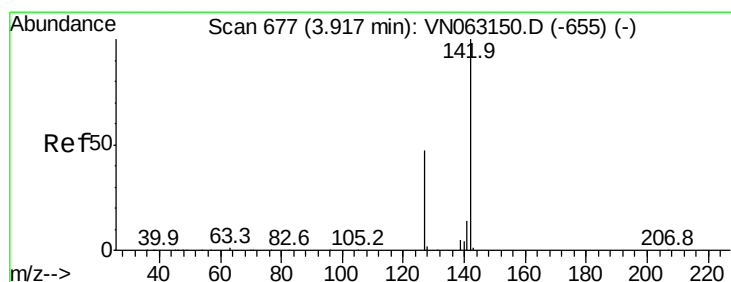
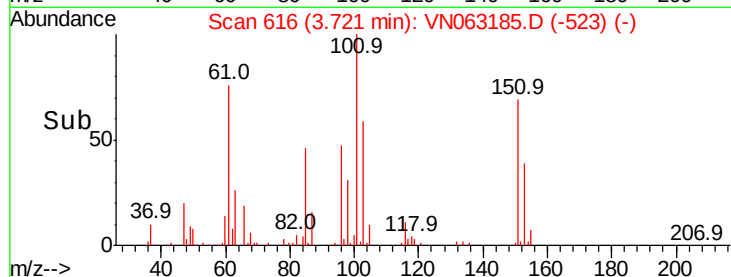
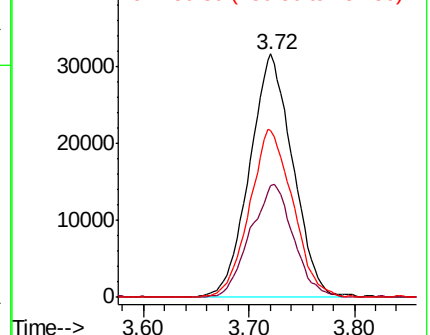
151 69.4 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.087 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

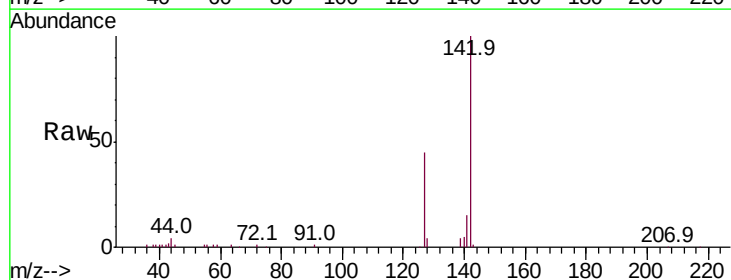
Tgt Ion:142 Resp: 98739

Ion Ratio Lower Upper

142 100

127 47.4 37.6 56.4

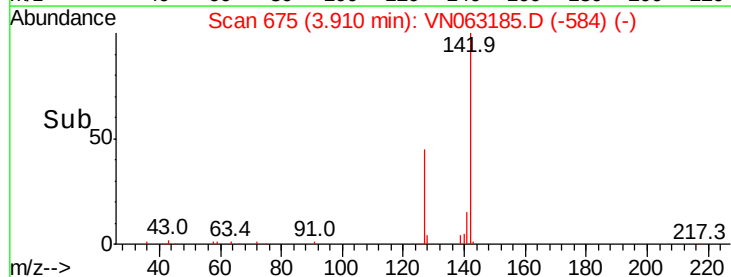
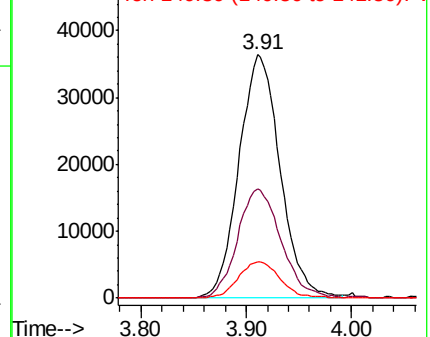
141 15.1 11.3 16.9

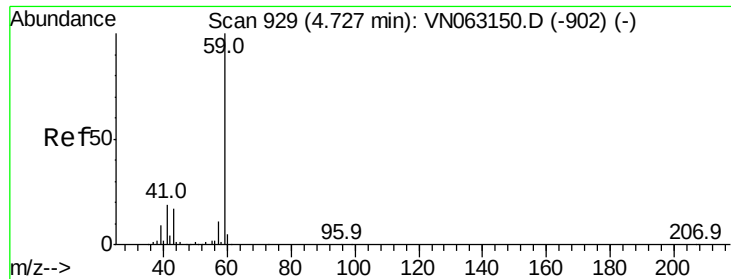


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 102.086 ug/l

RT: 4.73 min Scan# 929

Delta R.T. 0.00 min

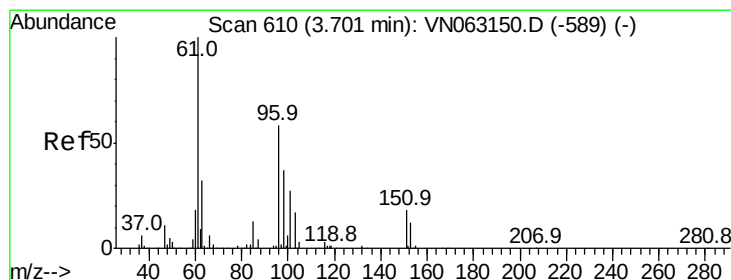
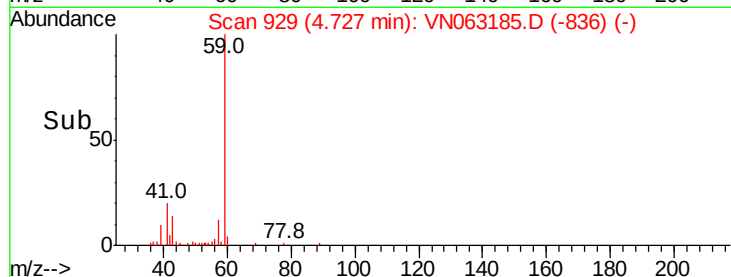
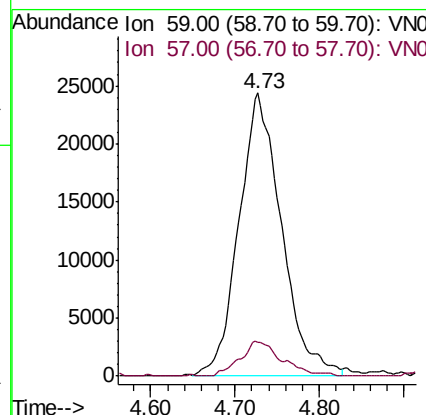
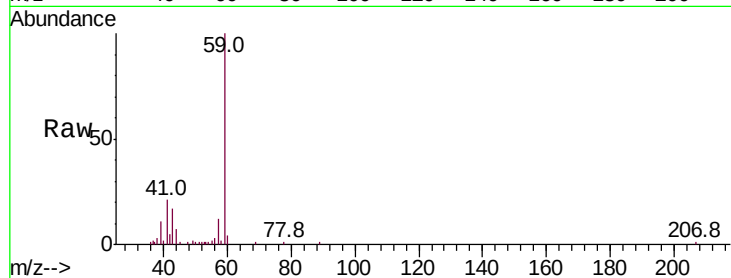
Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

Tot Ion: 59 Resp: 85617

Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.4	12.6



#12

1,1-Dichloroethene

Concen: 18.758 ug/l

RT: 3.70 min Scan# 610

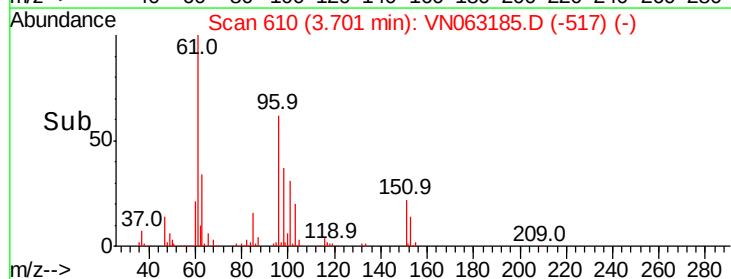
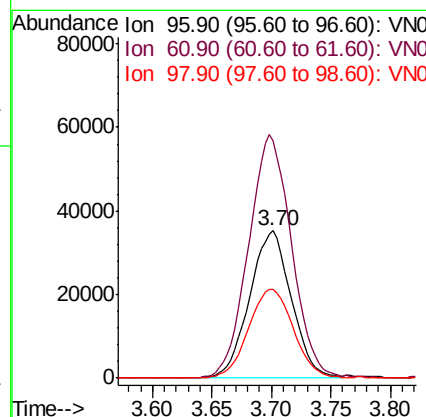
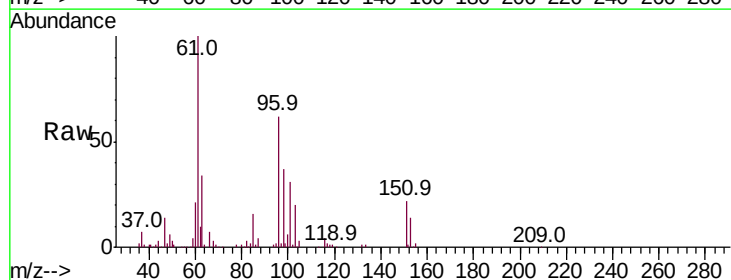
Delta R.T. 0.00 min

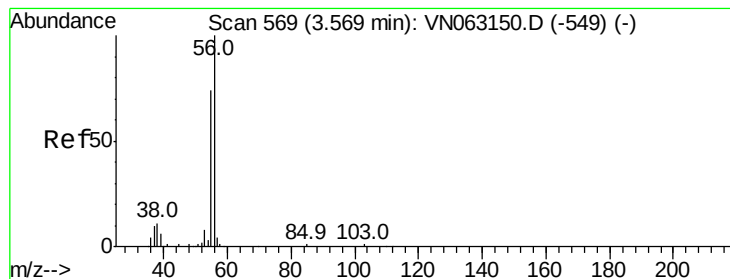
Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Tgt Ion: 96 Resp: 86018

Ion	Ratio	Lower	Upper
96	100		
61	160.5	137.4	206.2
98	60.0	50.5	75.7





#13

Acrolein

Concen: 31.644 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

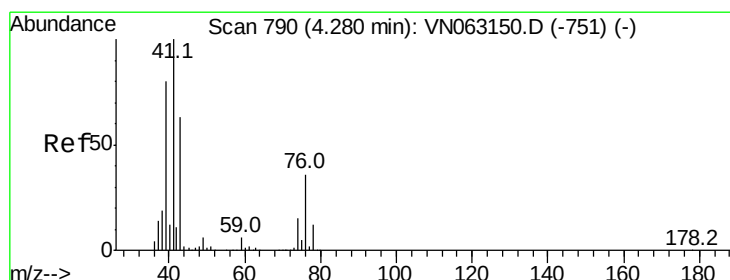
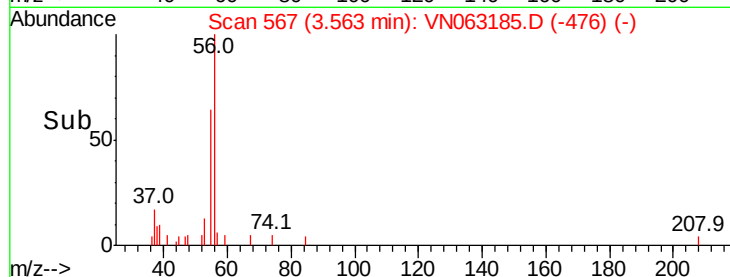
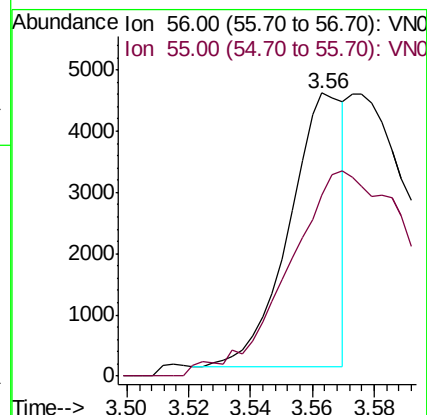
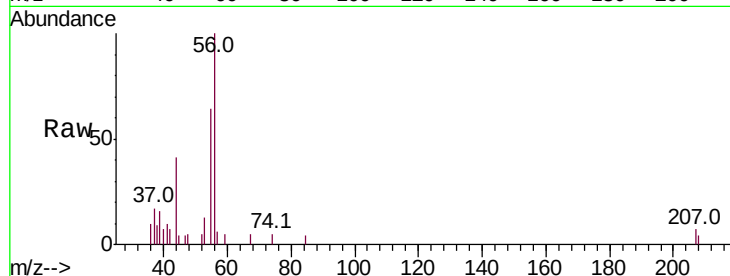
VN0902WBS01

Tot Ion: 56 Resp: 5410

Ion Ratio Lower Upper

56 100

55 183.6 55.4 83.0#



#14

Allyl chloride

Concen: 18.485 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

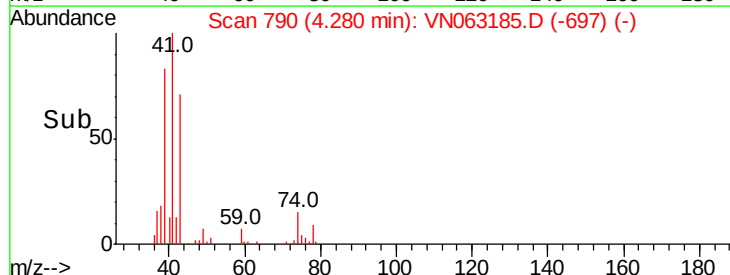
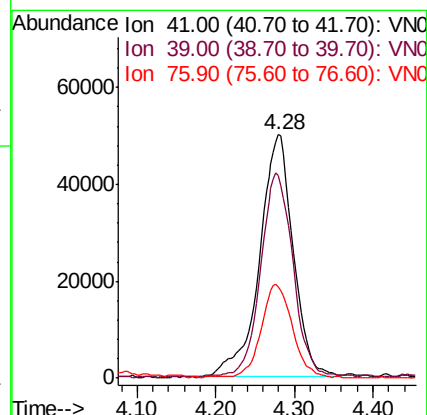
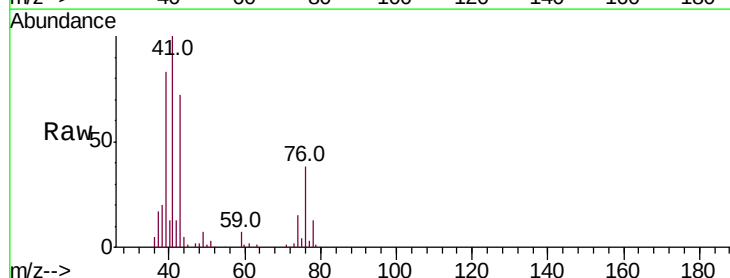
Tgt Ion: 41 Resp: 150548

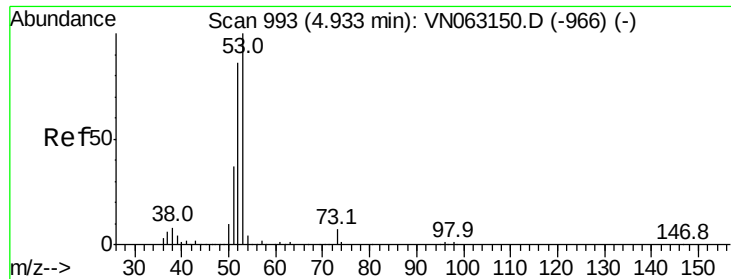
Ion Ratio Lower Upper

41 100

39 79.6 60.2 90.2

76 35.1 27.7 41.5





#15

Acrylonitrile

Concen: 91.209 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

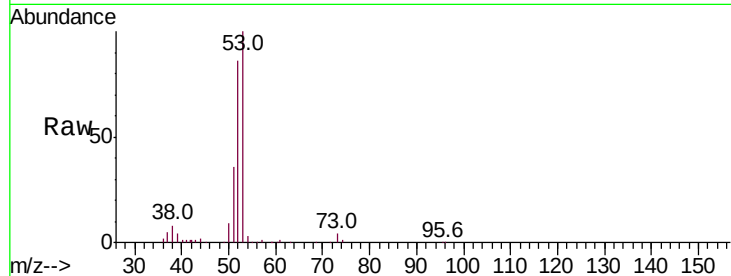
Tot Ion: 53 Resp: 210649

Ion Ratio Lower Upper

53 100

52 85.8 67.2 100.8

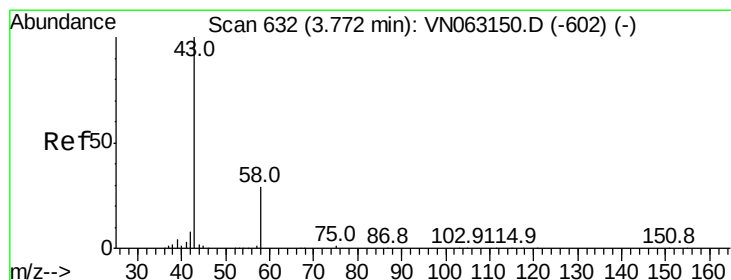
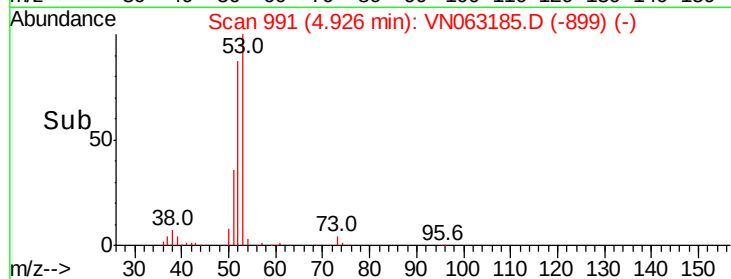
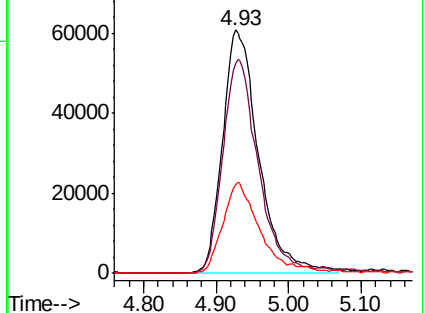
51 38.3 30.2 45.4



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



#16

Acetone

Concen: 96.357 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063185.D

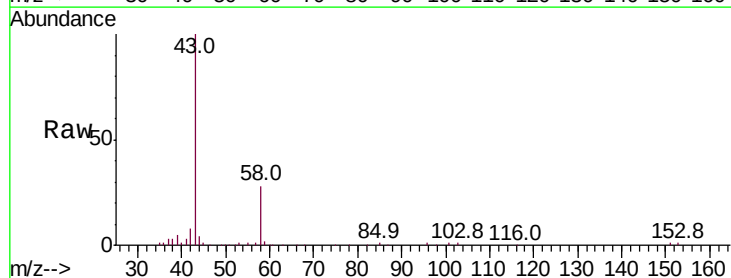
Acq: 2 Sep 2020 11:00

Tgt Ion: 43 Resp: 187150

Ion Ratio Lower Upper

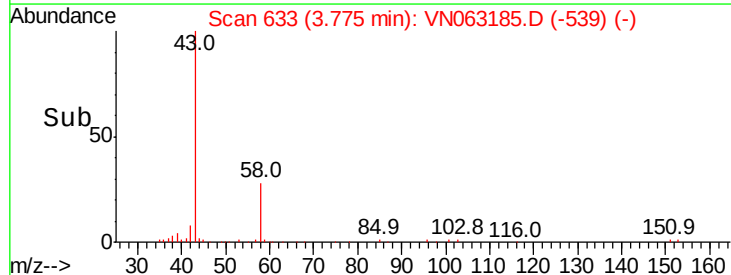
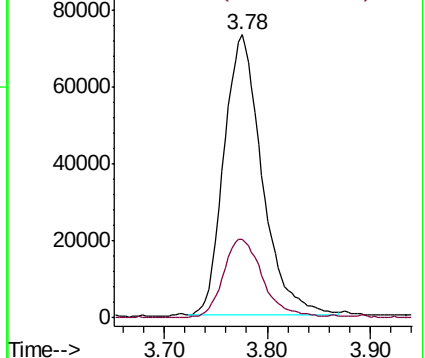
43 100

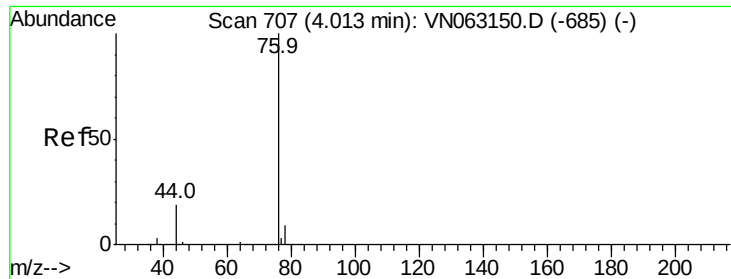
58 27.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

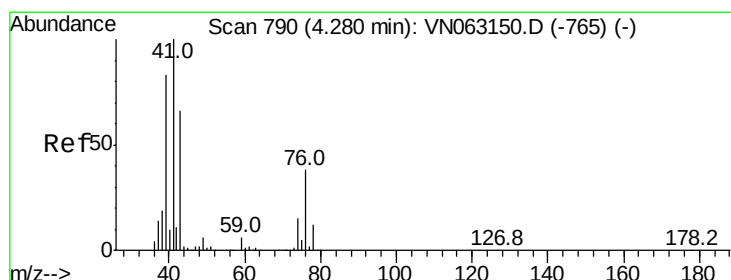
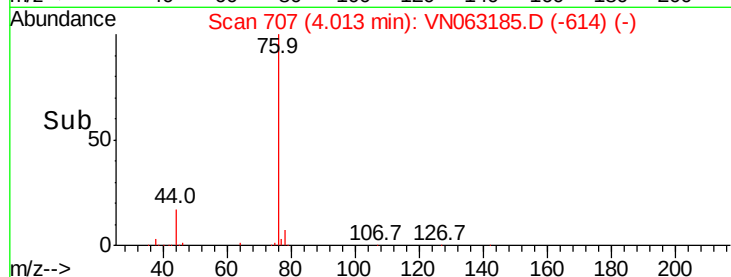
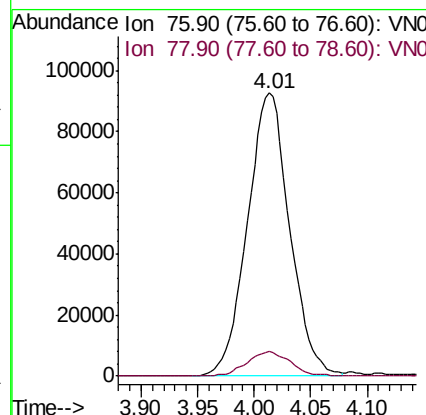
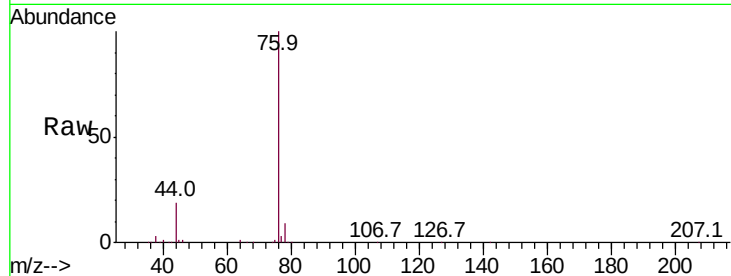




#17
Carbon Disulfide
Concen: 17.654 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

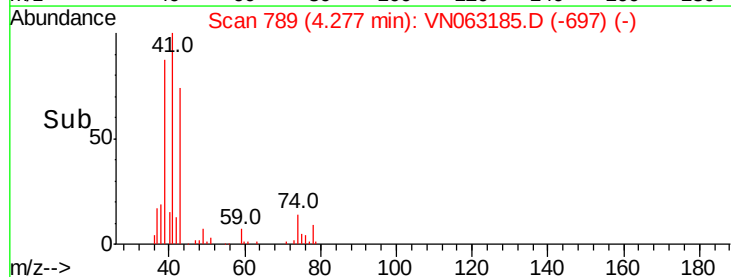
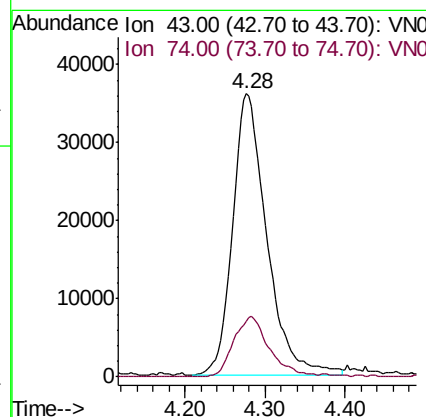
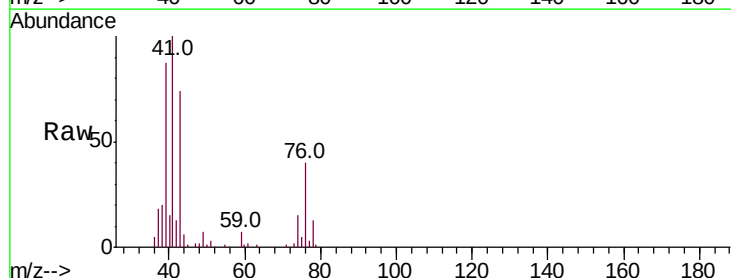
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

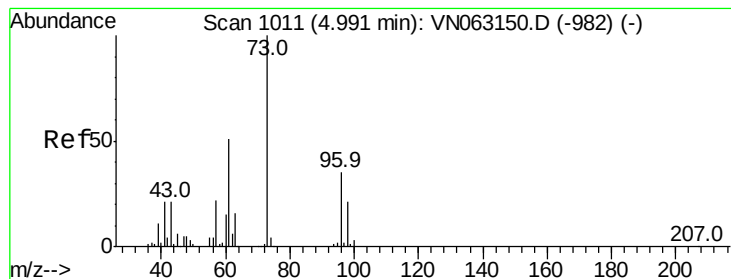
Tot Ion: 76 Resp: 240962
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 20.890 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion: 43 Resp: 104032
Ion Ratio Lower Upper
43 100
74 22.5 19.0 28.6





#19

Methvl tert-butyl Ether

Concen: 18.292 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

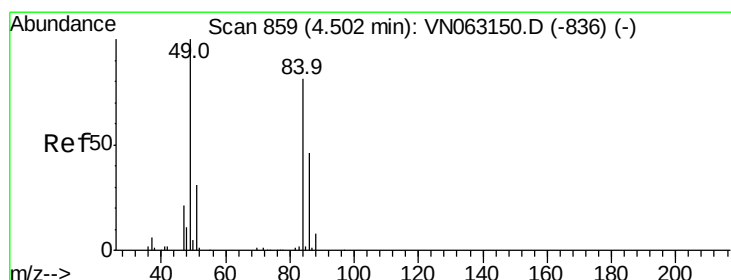
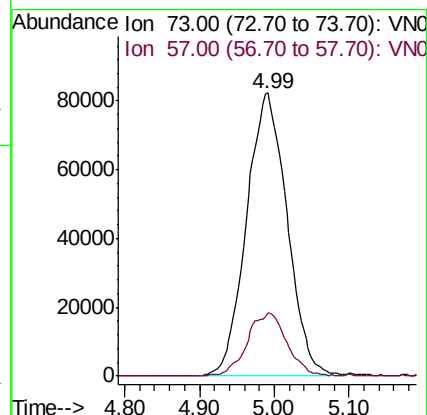
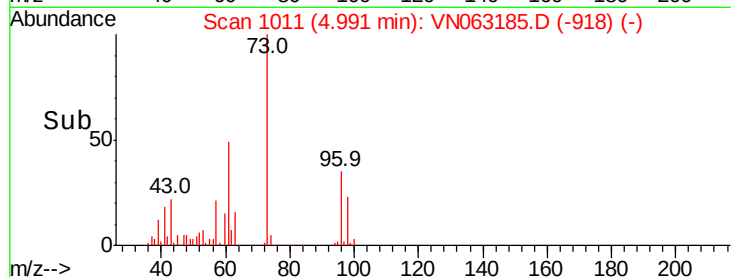
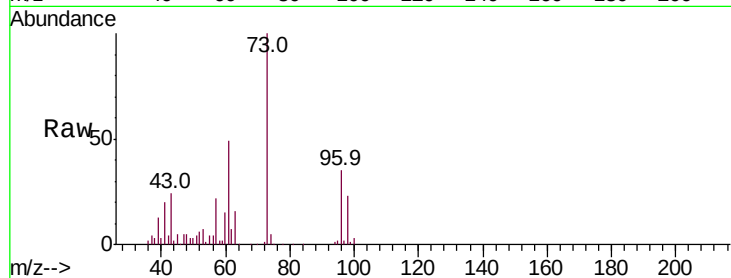
VN0902WBS01

Tot Ion: 73 Resp: 311166

Ion Ratio Lower Upper

73 100

57 22.3 17.6 26.4



#20

Methylene Chloride

Concen: 18.740 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Tgt Ion: 84 Resp: 104027

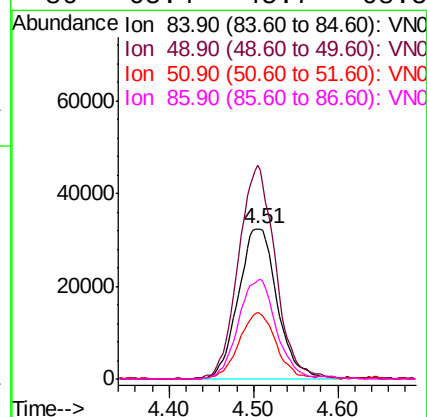
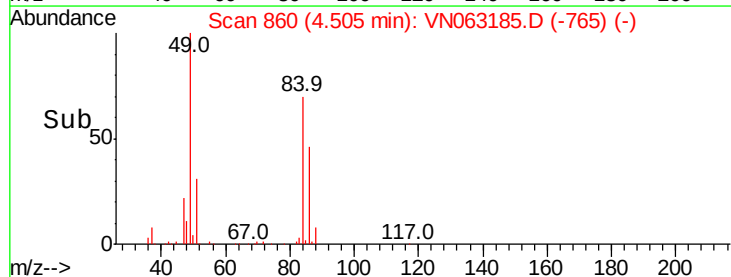
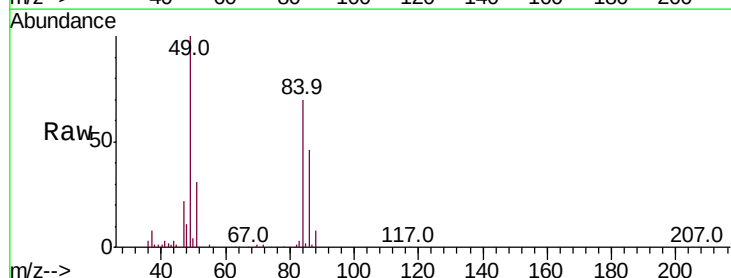
Ion Ratio Lower Upper

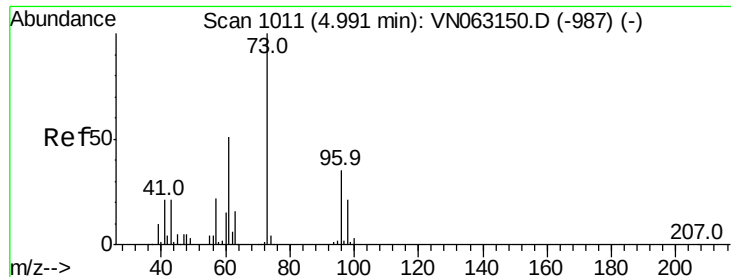
84 100

49 142.6 98.4 147.6

51 44.7 30.4 45.6

86 65.4 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 19.409 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

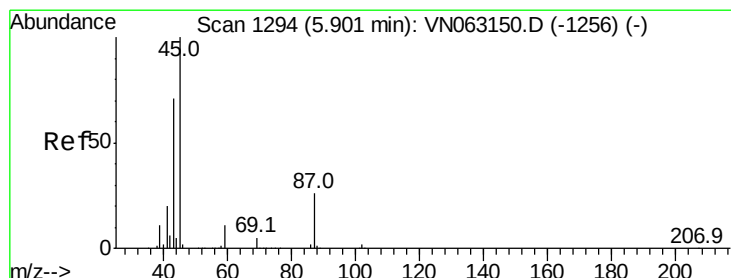
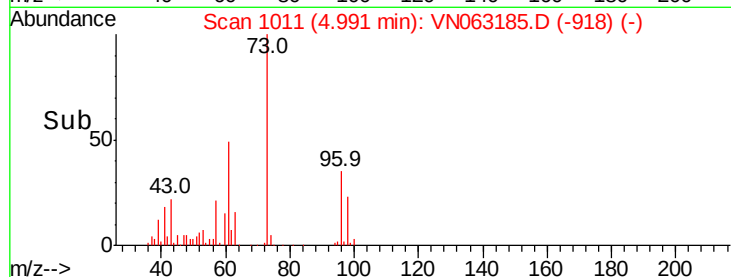
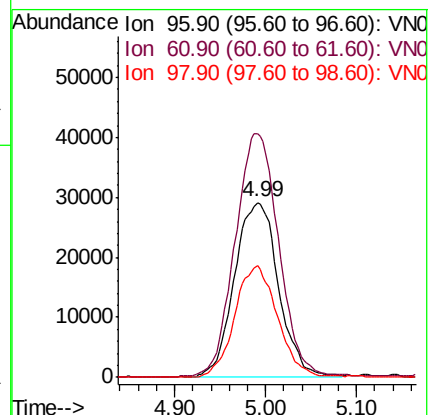
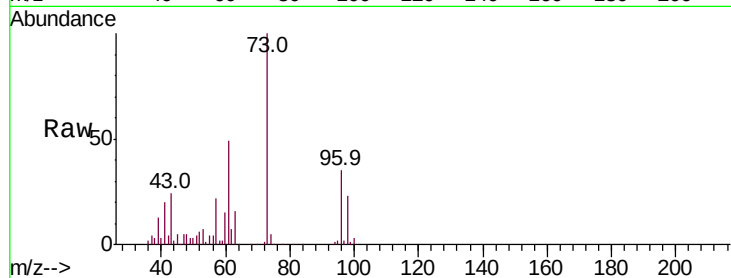
Tot Ion: 96 Resp: 98329

Ion Ratio Lower Upper

96 100

61 138.0 116.2 174.4

98 63.8 48.0 72.0



#22

Diisopropyl ether

Concen: 18.117 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.01 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Tgt Ion: 45 Resp: 330649

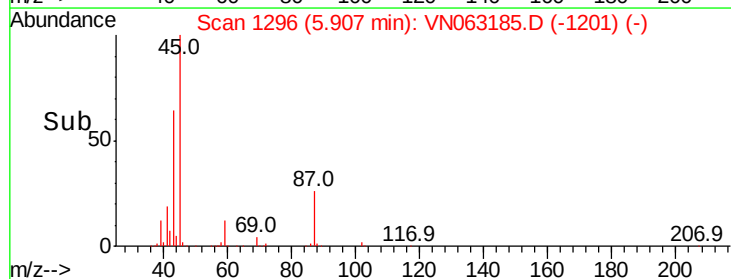
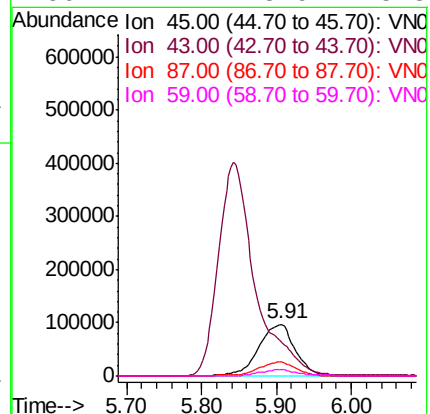
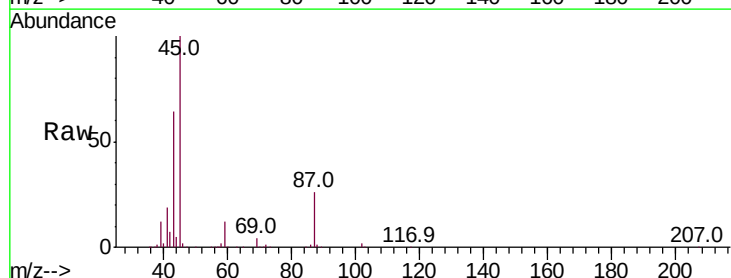
Ion Ratio Lower Upper

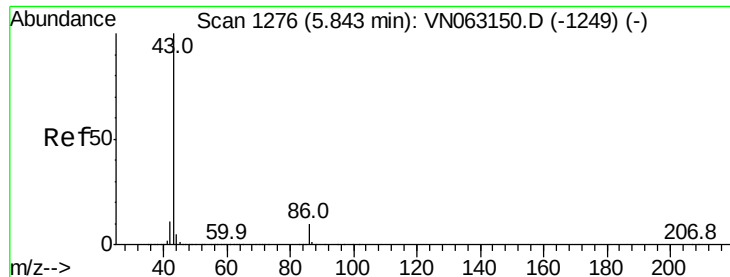
45 100

43 61.2 56.8 85.2

87 26.1 21.1 31.7

59 11.4 8.9 13.3





#23

Vinyl Acetate

Concen: 94.152 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

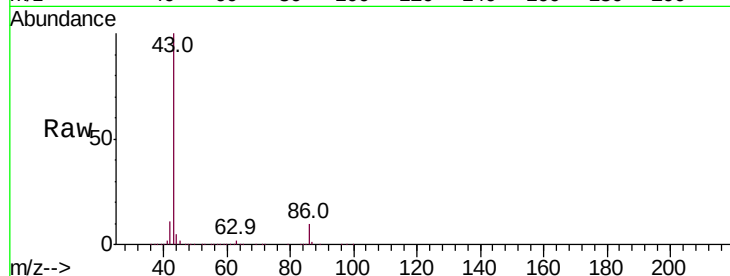
VN0902WBS01

Tot Ion: 43 Resp: 1371068

Ion Ratio Lower Upper

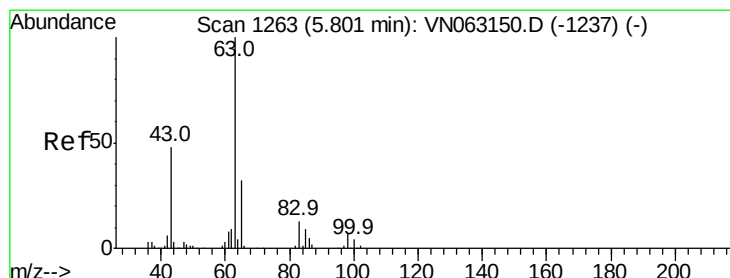
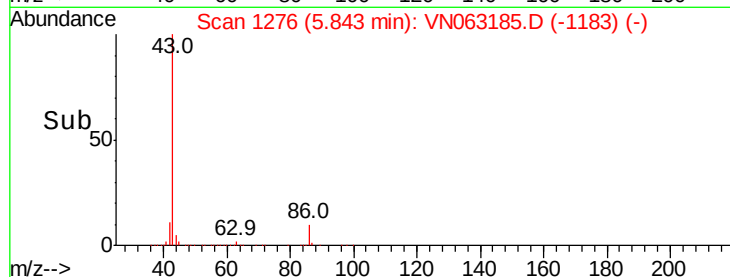
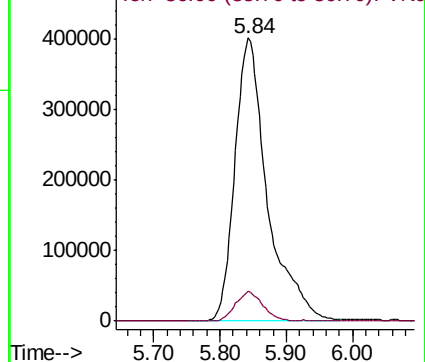
43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.355 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

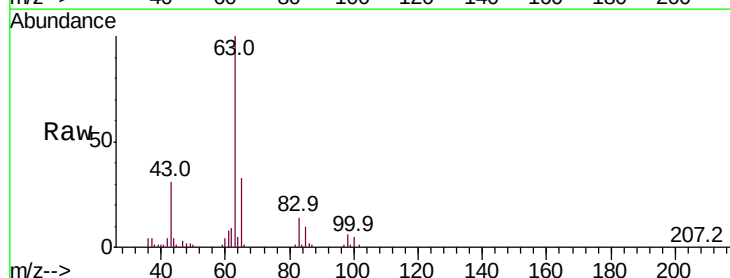
Tgt Ion: 63 Resp: 184674

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

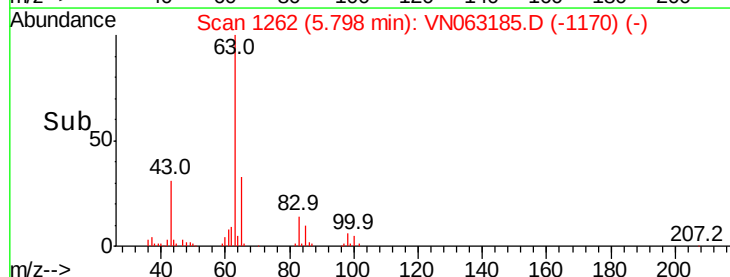
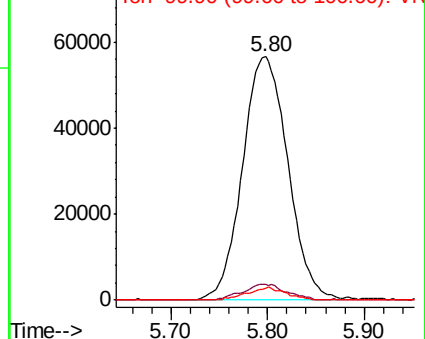
100 5.1 2.3 6.8

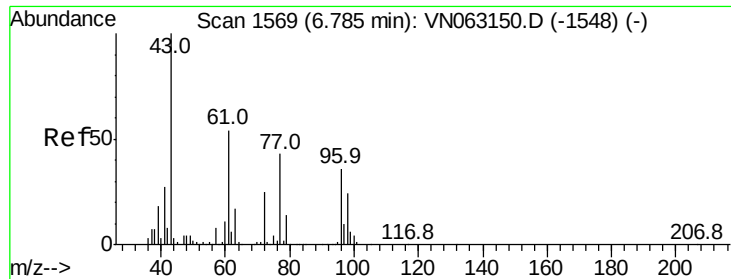


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 100.146 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

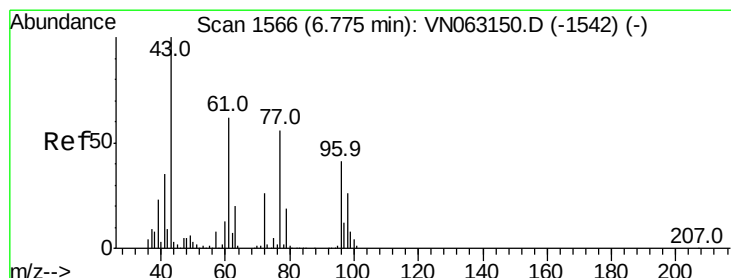
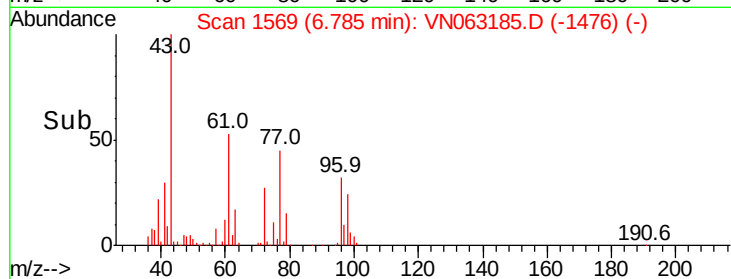
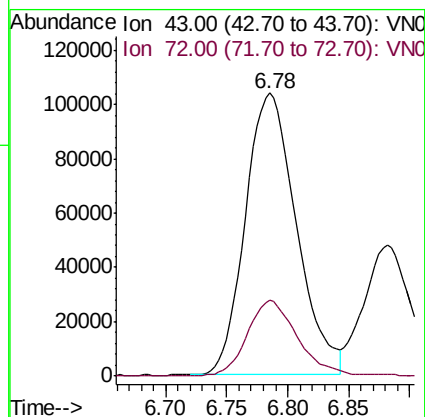
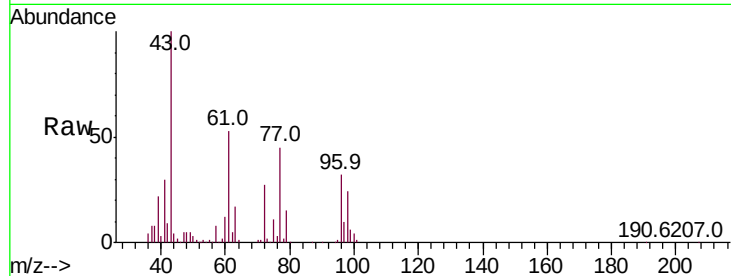
VN0902WBS01

Tot Ion: 43 Resp: 301179

Ion Ratio Lower Upper

43 100

72 27.0 20.2 30.4



#26

2,2-Dichloropropane

Concen: 18.505 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063185.D

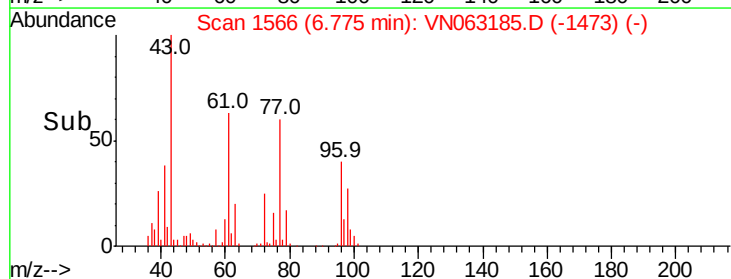
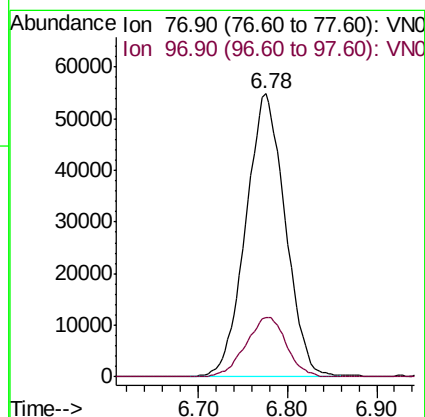
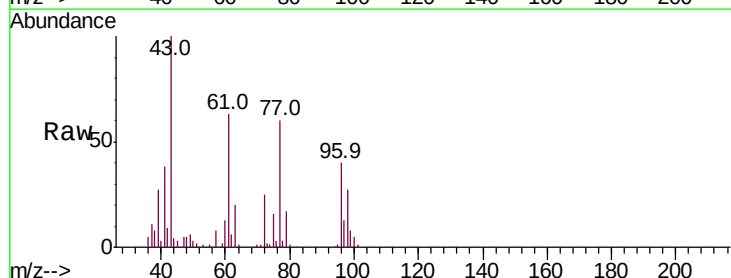
Acq: 2 Sep 2020 11:00

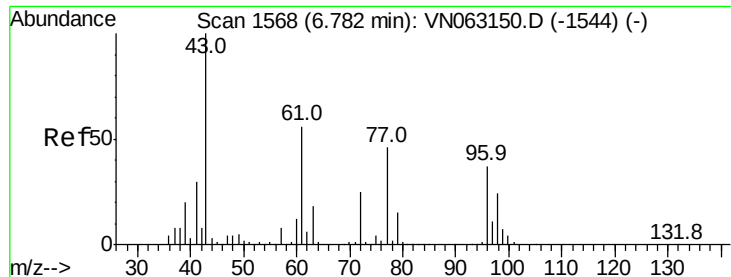
Tgt Ion: 77 Resp: 168681

Ion Ratio Lower Upper

77 100

97 21.6 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 18.044 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

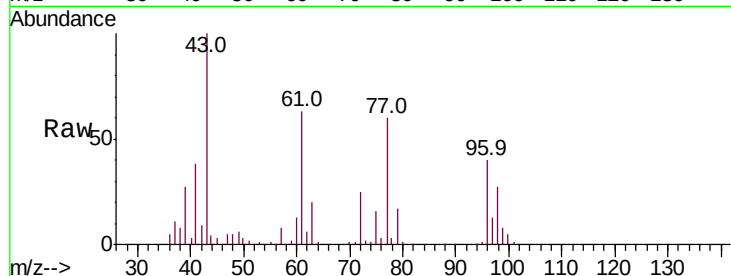
Tot Ion: 96 Resp: 111114

Ion Ratio Lower Upper

96 100

61 154.8 0.0 303.2

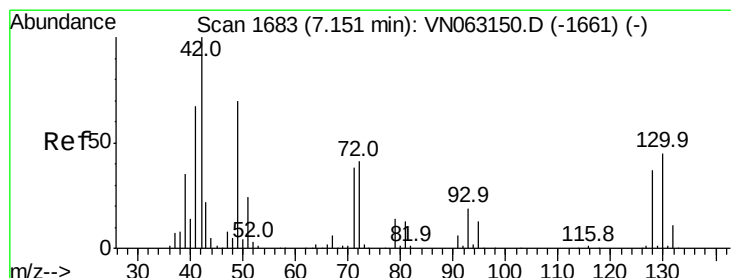
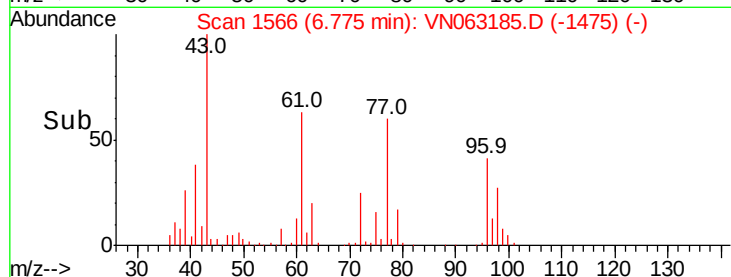
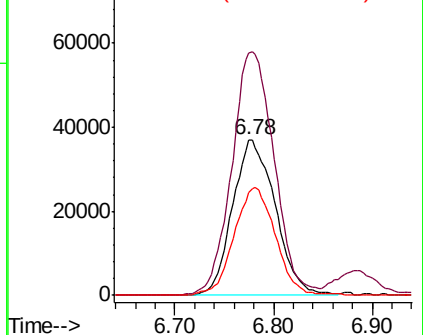
98 66.6 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 17.650 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

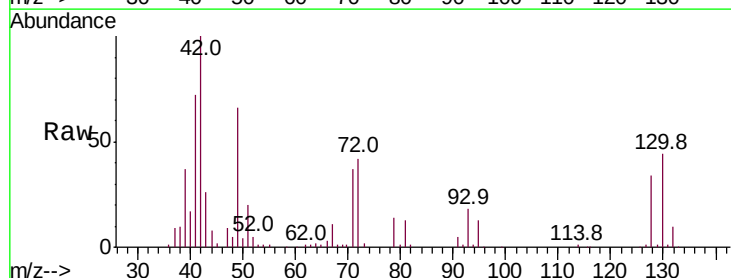
Tgt Ion: 49 Resp: 92775

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

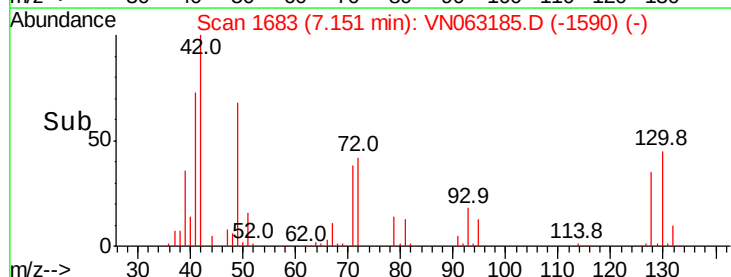
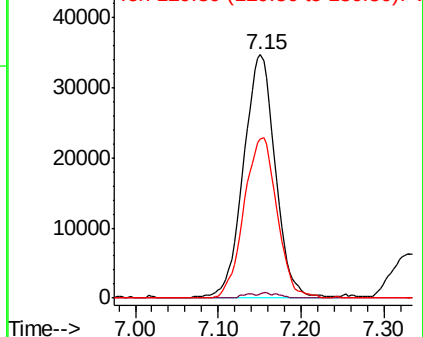
130 68.1 54.4 81.6

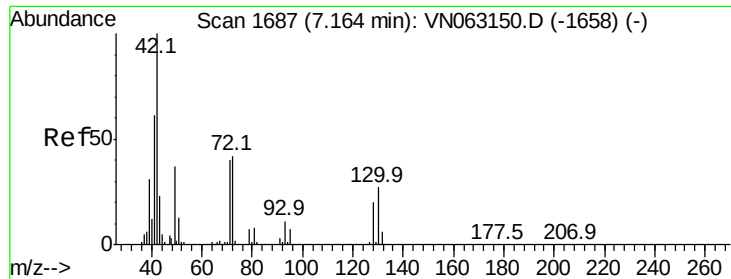


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 95.773 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

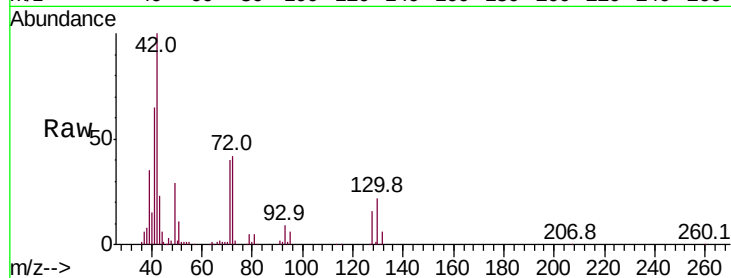
Tot Ion: 42 Resp: 199158

Ion Ratio Lower Upper

42 100

72 43.1 33.9 50.9

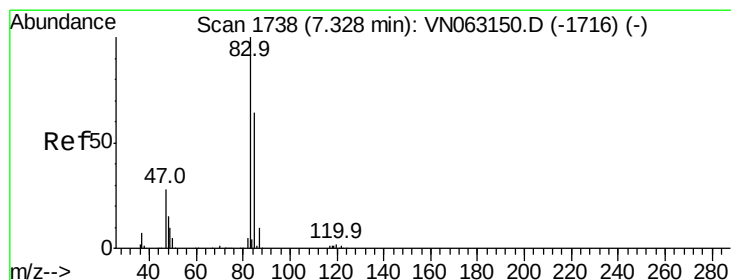
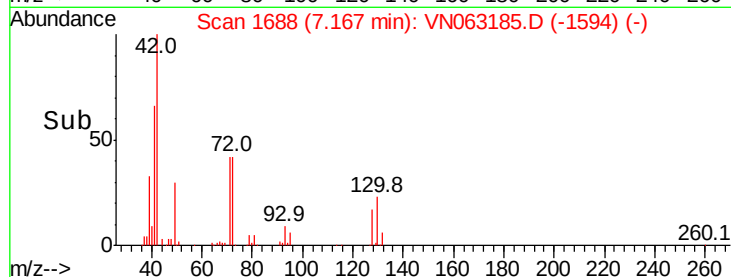
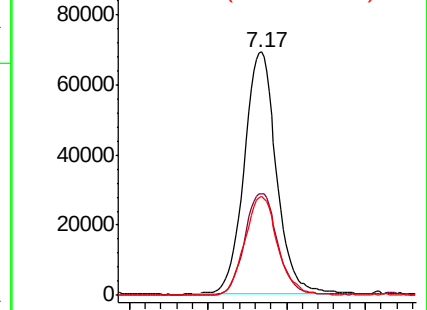
71 41.7 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.681 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063185.D

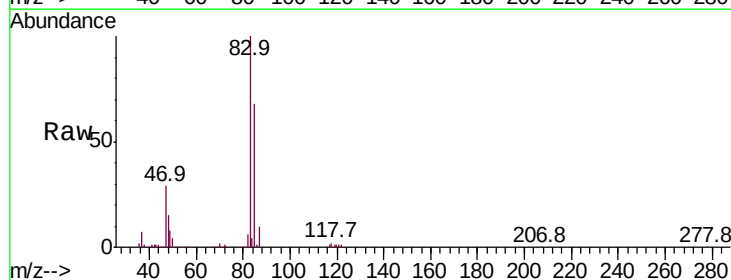
Acq: 2 Sep 2020 11:00

Tgt Ion: 83 Resp: 196643

Ion Ratio Lower Upper

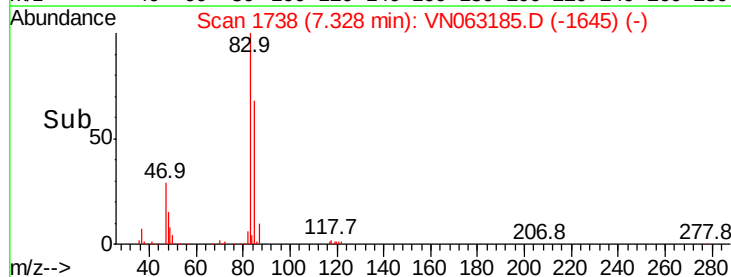
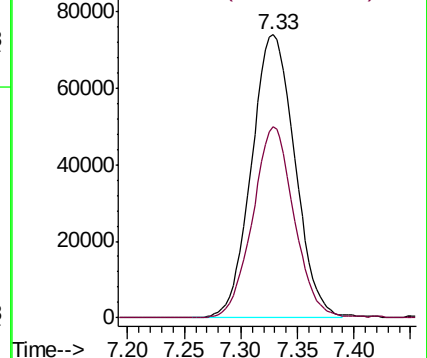
83 100

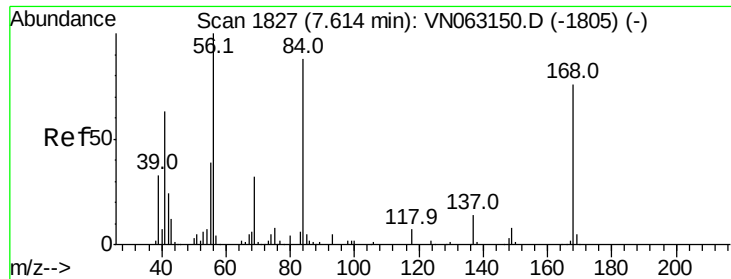
85 67.6 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.585 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

VN0902WBS01

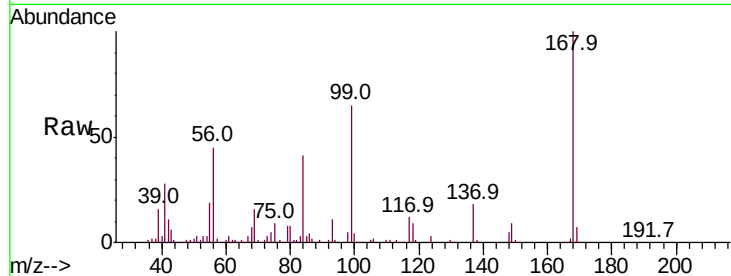
Tot Ion: 56 Resp: 165988

Ion Ratio Lower Upper

56 100

69 36.5 25.4 38.0

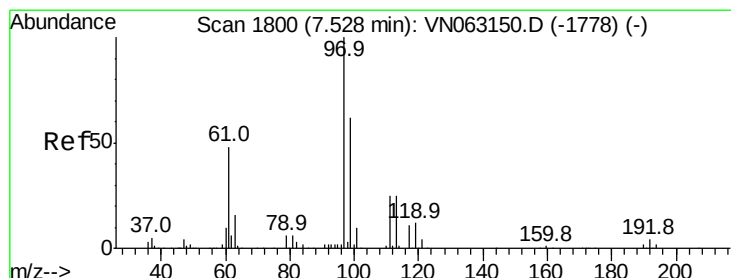
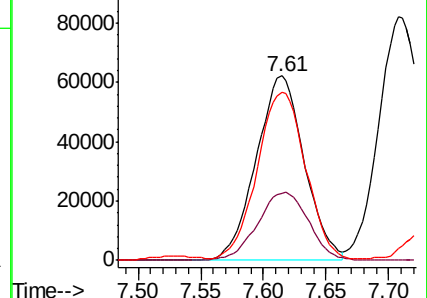
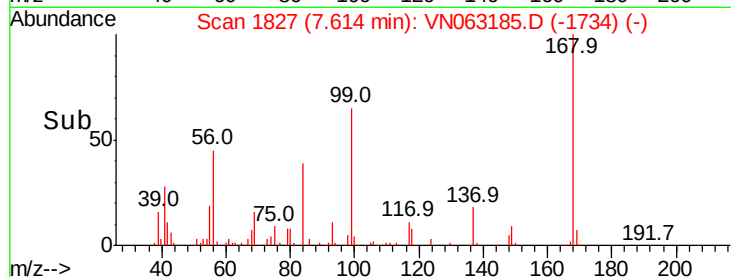
84 89.5 70.2 105.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.866 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

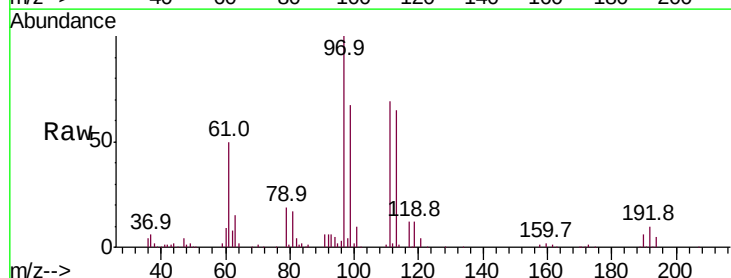
Tgt Ion: 97 Resp: 171124

Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

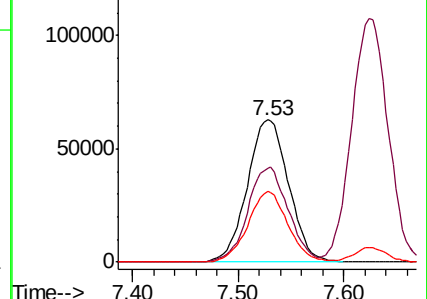
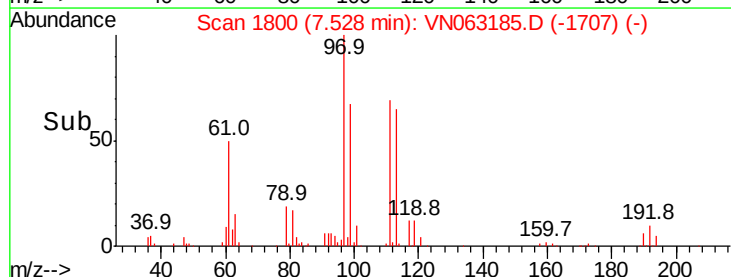
61 48.0 37.4 56.2

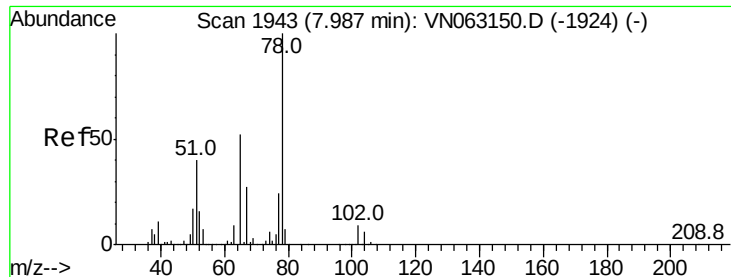


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 46.770 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

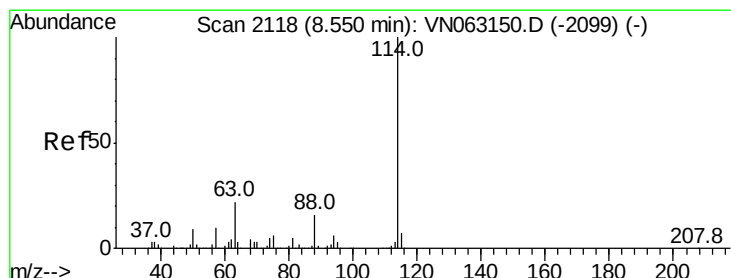
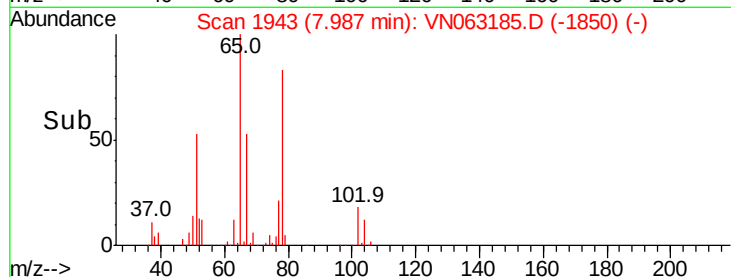
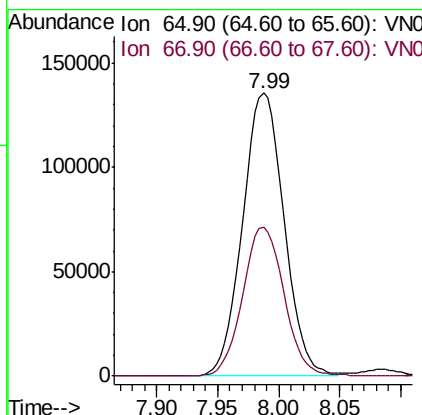
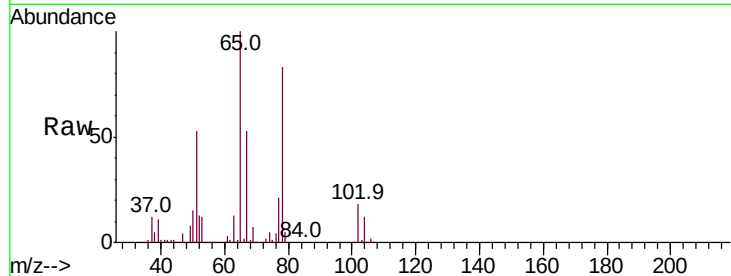
Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Tot Ion: 65 Resp: 31952

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

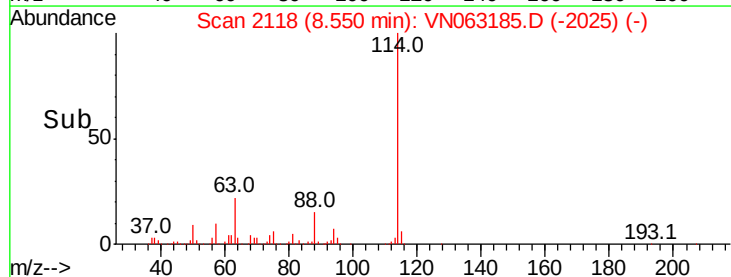
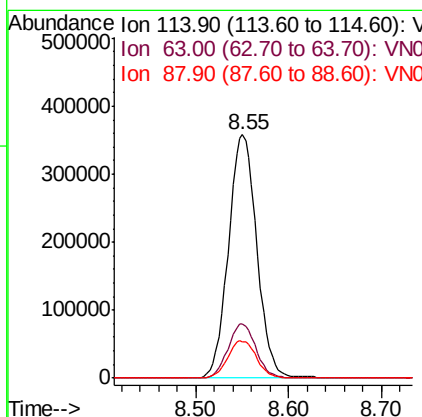
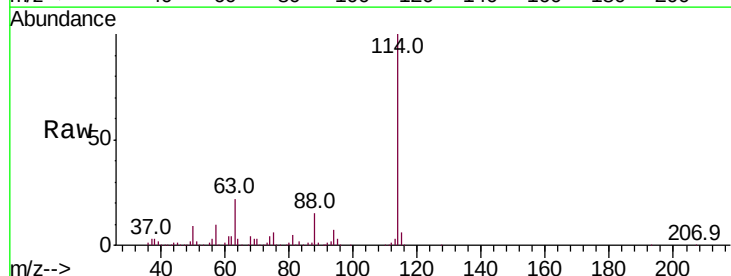
Delta R.T. 0.00 min

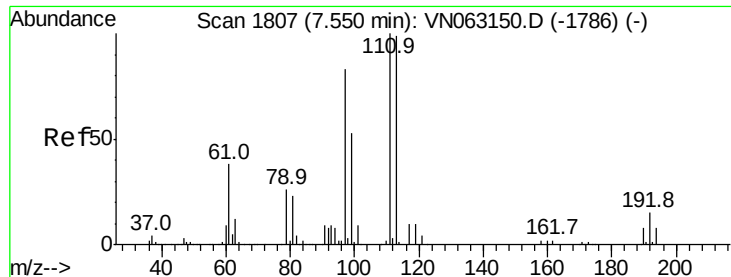
Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Tgt Ion: 114 Resp: 758924

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.0
88	15.1	0.0	31.6

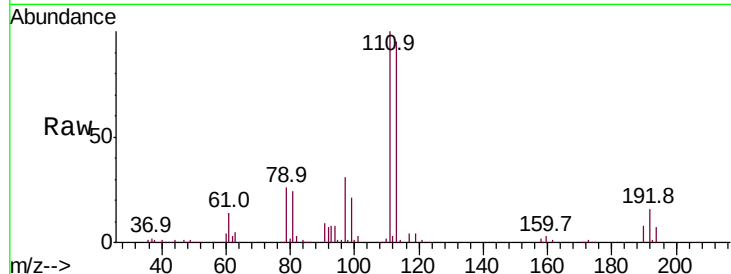




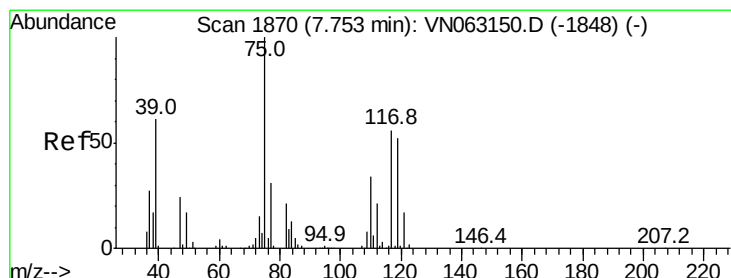
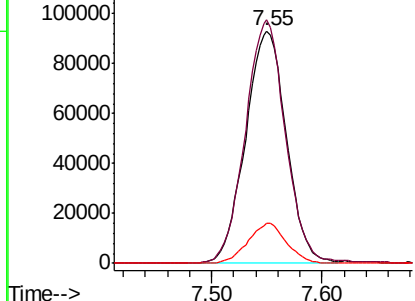
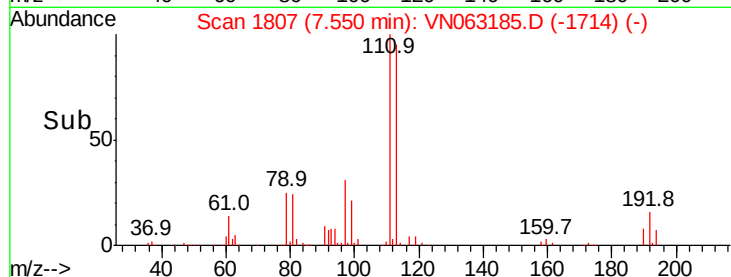
#35
 Dibromofluoromethane
 Concen: 48.993 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.7	121.1
192	16.3	12.6	19.0

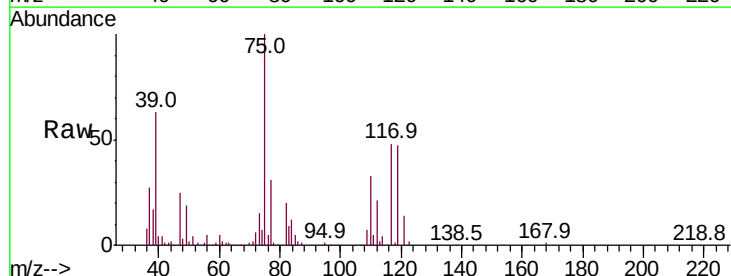


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

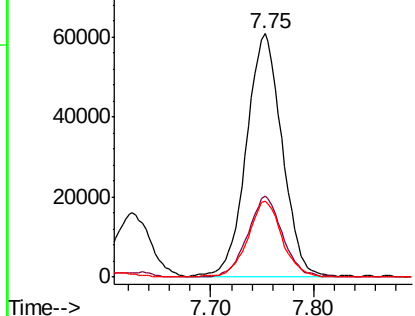
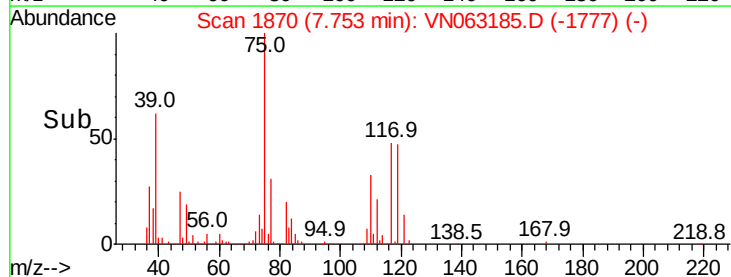


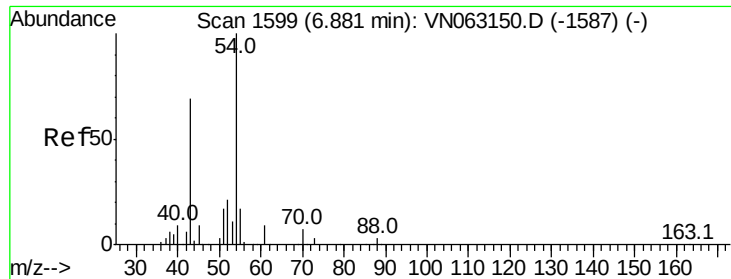
#36
 1,1-Dichloropropene
 Concen: 19.886 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.6	49.8
77	30.3	25.4	38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

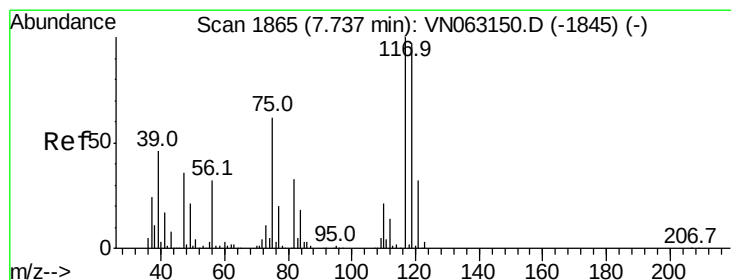
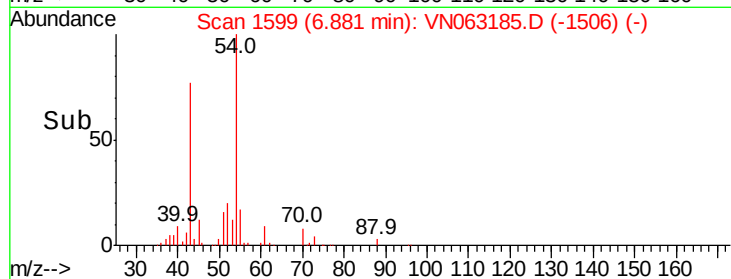
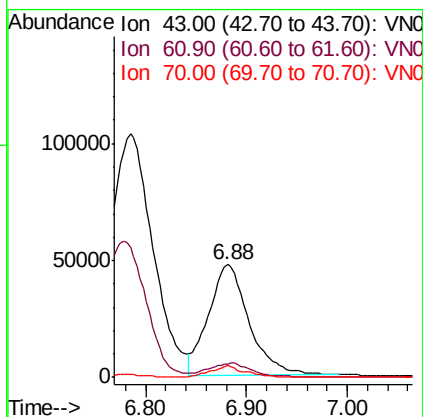
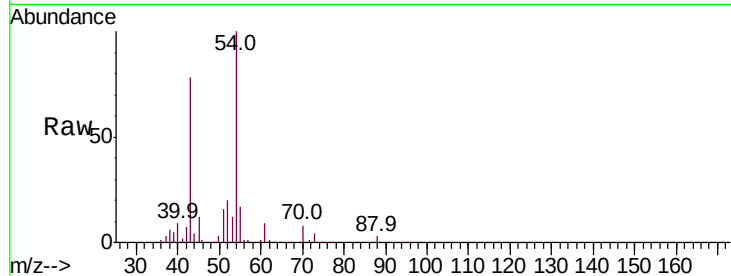




#37
Ethyl Acetate
Concen: 19.430 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

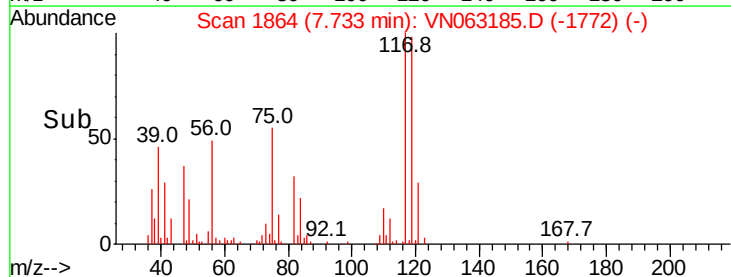
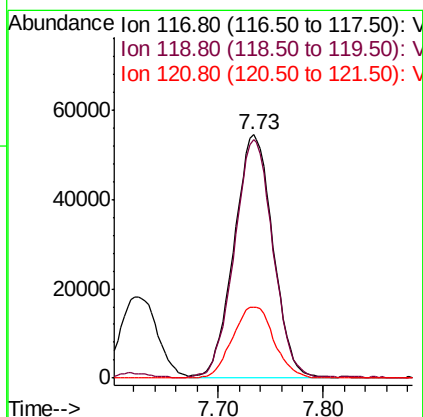
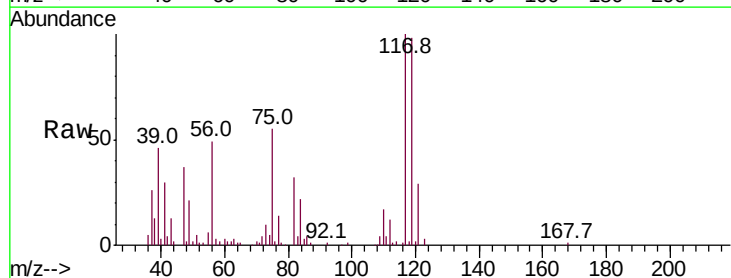
Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

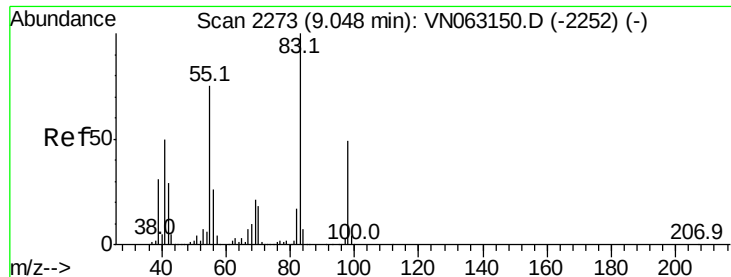
Tot Ion: 43 Resp: 132244
Ion Ratio Lower Upper
43 100
61 10.9 10.2 15.4
70 9.2 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 18.820 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion: 117 Resp: 139247
Ion Ratio Lower Upper
117 100
119 98.1 77.2 115.8
121 29.1 25.6 38.4

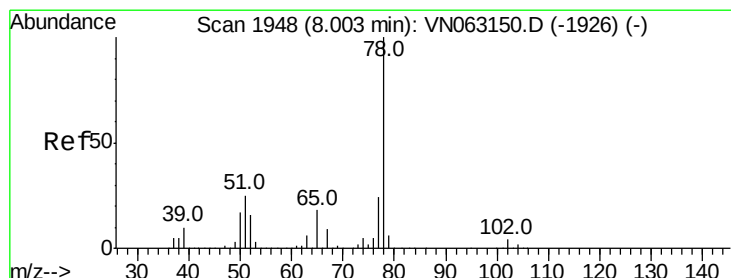
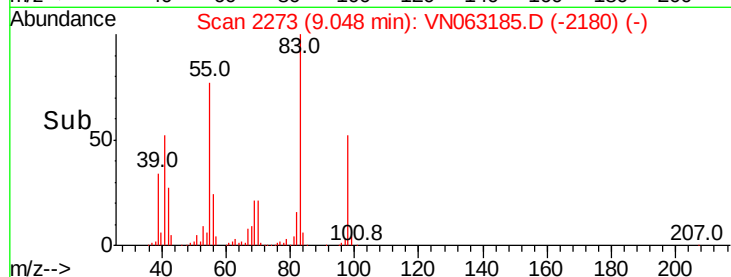
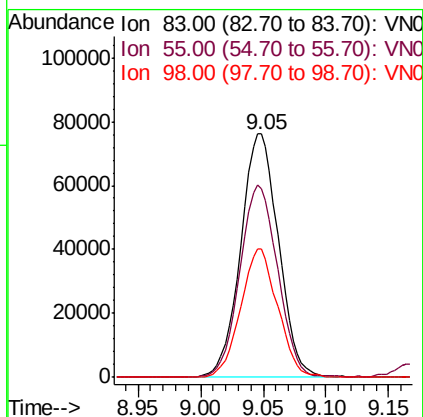
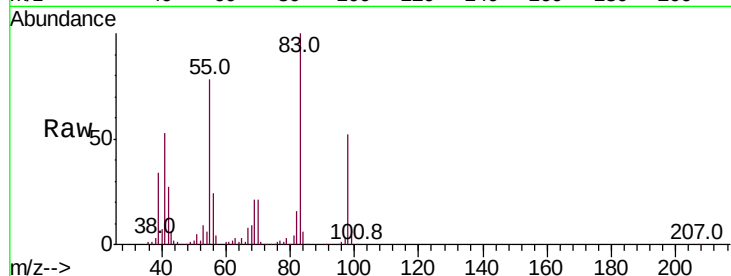




#39
Methylvlcyclohexane
Concen: 19.448 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

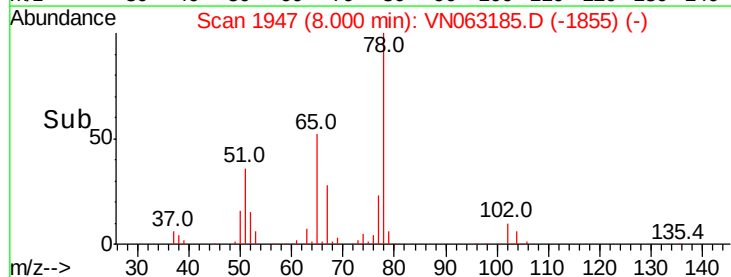
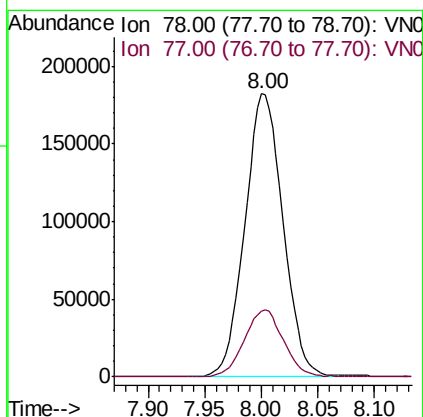
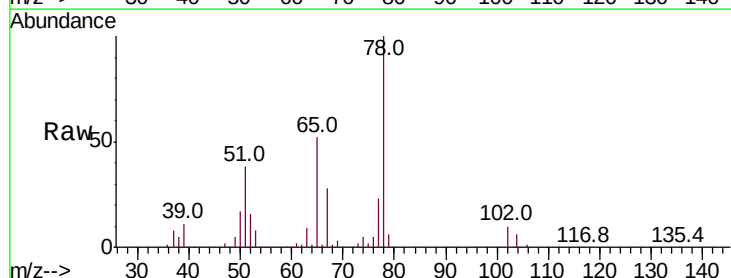
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

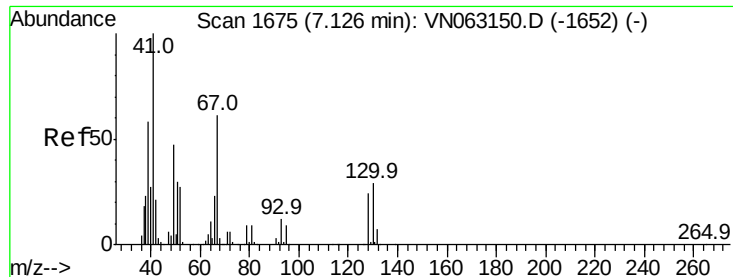
Tot Ion: 83 Resp: 159406
Ion Ratio Lower Upper
83 100
55 77.4 60.3 90.5
98 52.5 38.9 58.3



#40
Benzene
Concen: 19.918 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion: 78 Resp: 427031
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

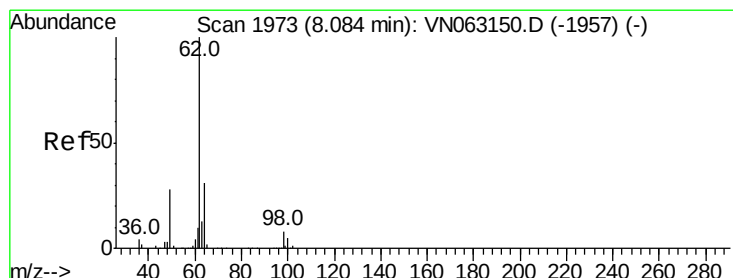
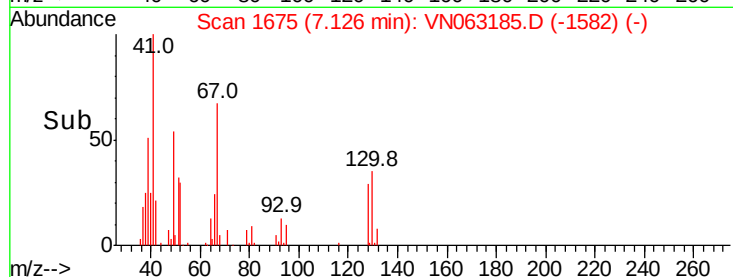
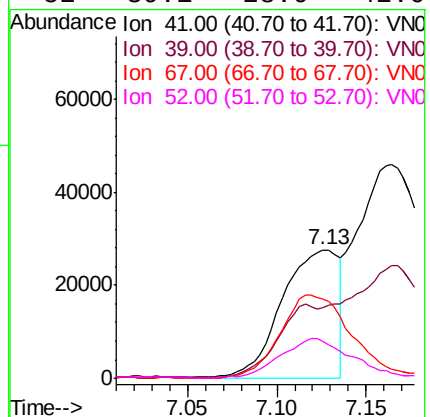
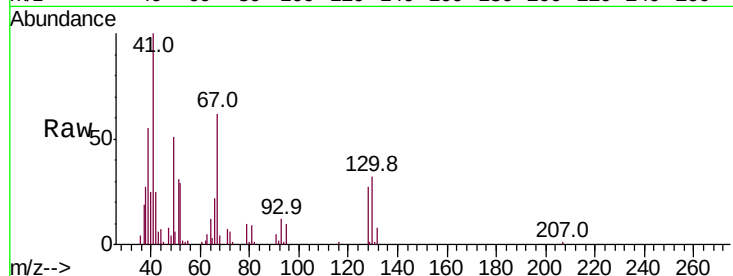




#41
Methacrylonitrile
Concen: 20.049 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

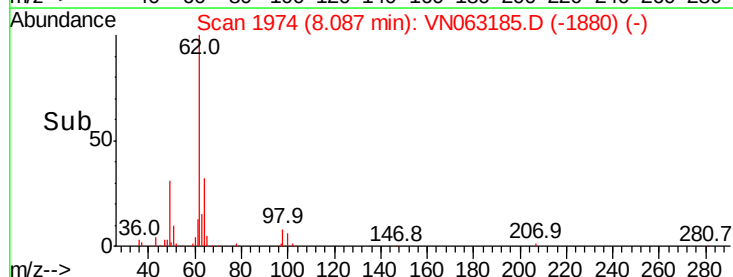
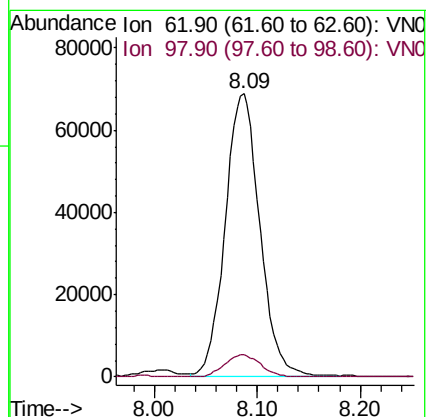
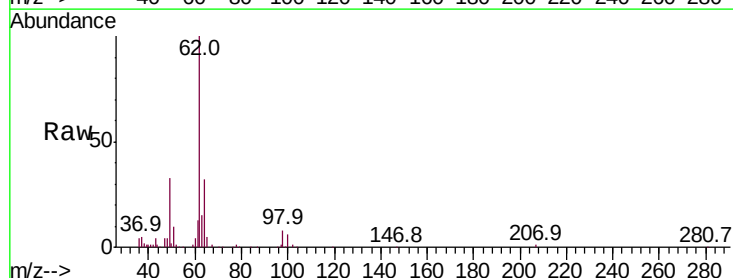
Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

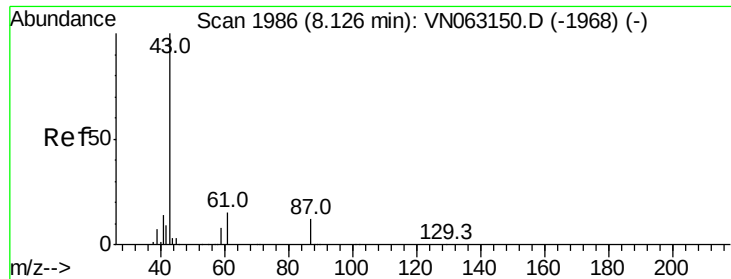
Tot Ion:	41	Resp:	61622
Ion	Ratio	Lower	Upper
41	100		
39	38.8	46.6	70.0#
67	81.9	62.6	94.0
52	39.1	28.0	42.0



#42
1,2-Dichloroethane
Concen: 19.902 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion:	62	Resp:	159390
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2





#43

Isopropyl Acetate

Concen: 19.794 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

VN0902WBS01

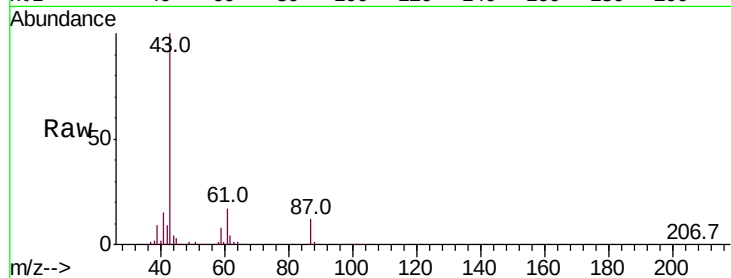
Tot Ion: 43 Resp: 235523

Ion Ratio Lower Upper

43 100

61 17.0 20.2 30.4#

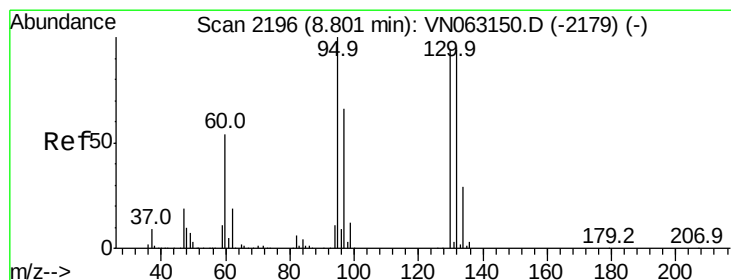
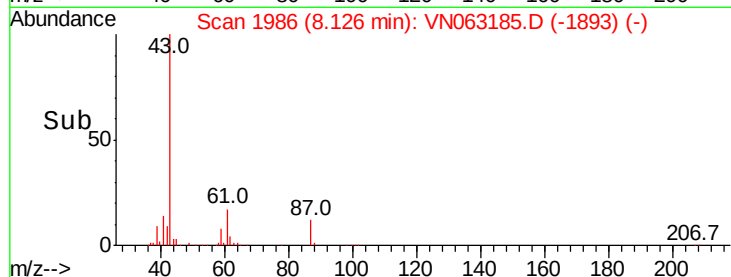
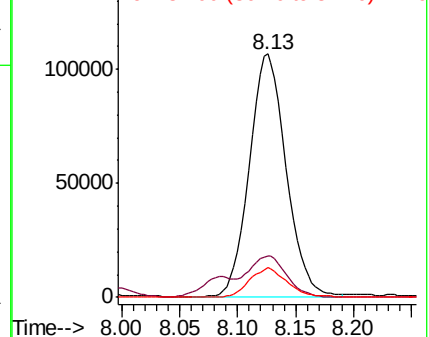
87 12.3 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 21.762 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063185.D

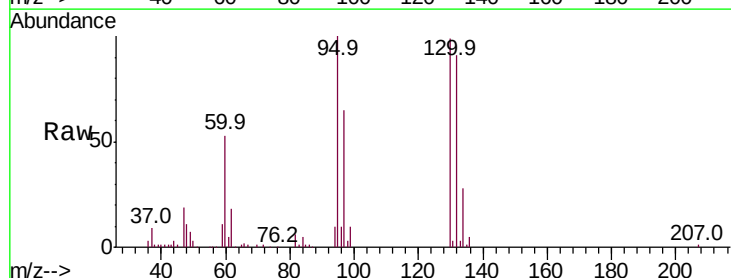
Acq: 2 Sep 2020 11:00

Tgt Ion:130 Resp: 113169

Ion Ratio Lower Upper

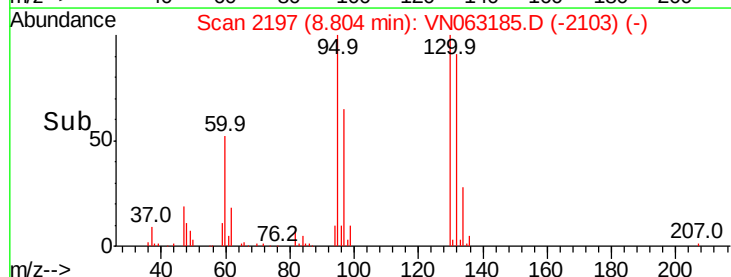
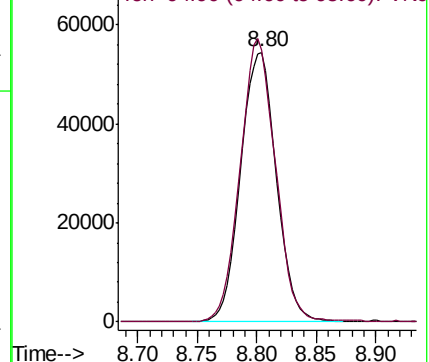
130 100

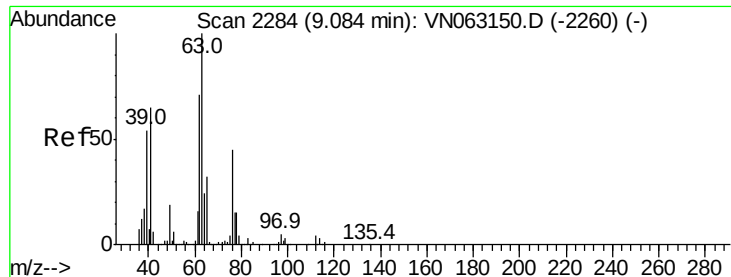
95 100.7 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

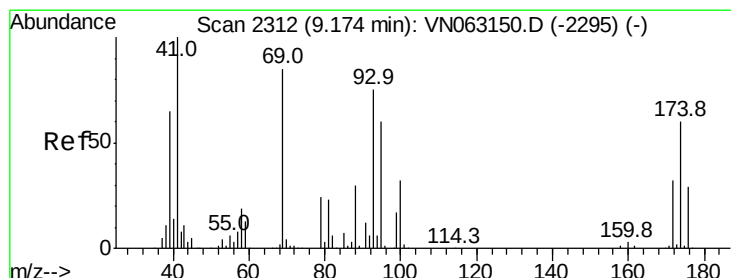
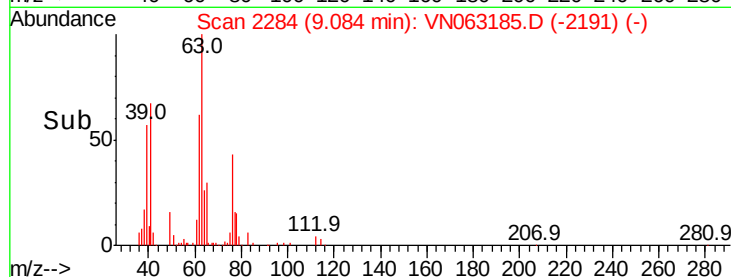
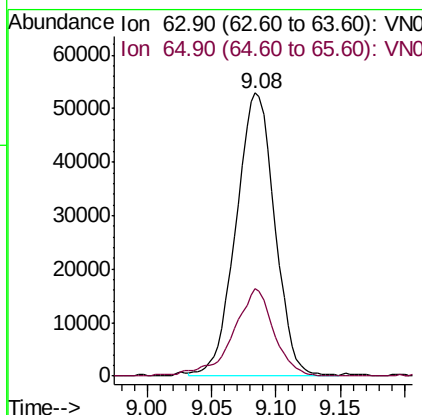
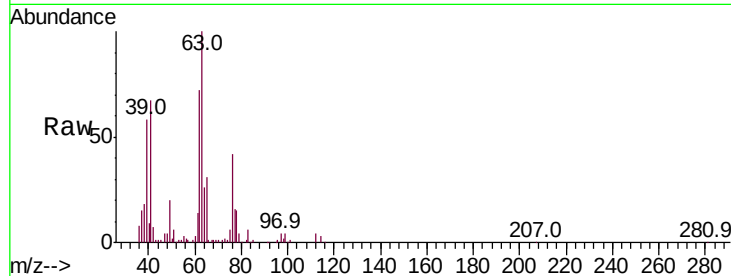




#45
 1,2-Dichloropropane
 Concen: 19.276 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

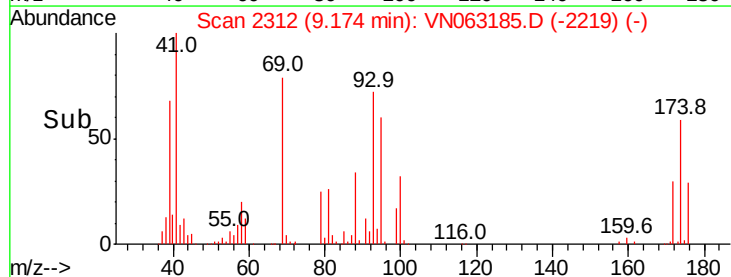
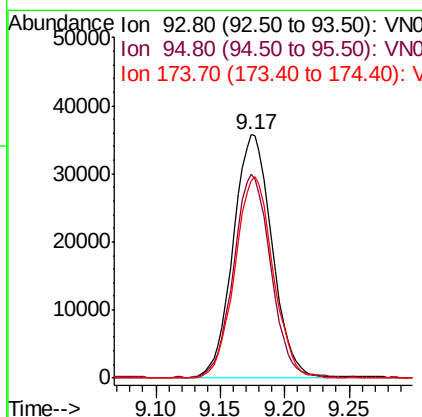
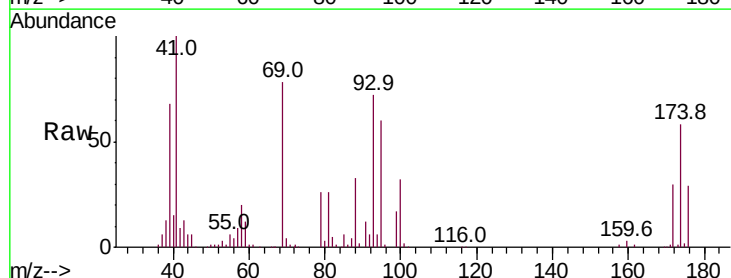
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

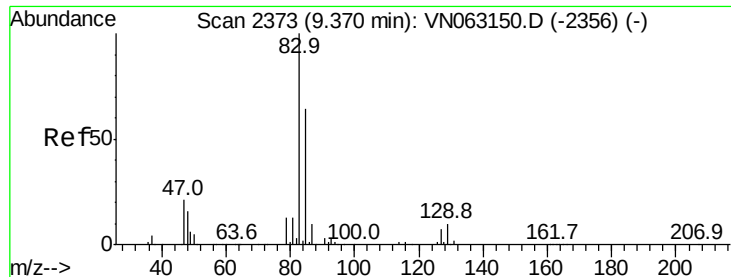
Tot Ion: 63 Resp: 109422
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.4 38.0



#46
 Dibromomethane
 Concen: 19.999 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion: 93 Resp: 75235
 Ion Ratio Lower Upper
 93 100
 95 80.6 65.2 97.8
 174 81.1 64.6 97.0





#47

Bromodichloromethane

Concen: 19.502 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

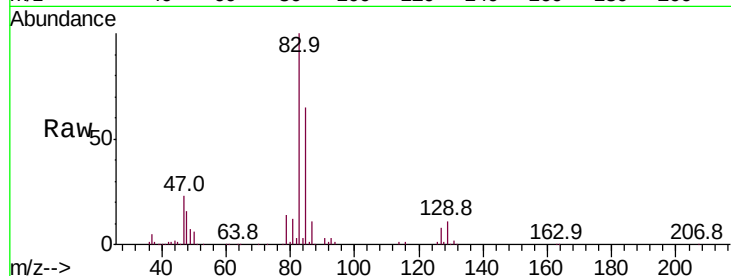
Tot Ion: 83 Resp: 157252

Ion Ratio Lower Upper

83 100

85 64.7 51.0 76.6

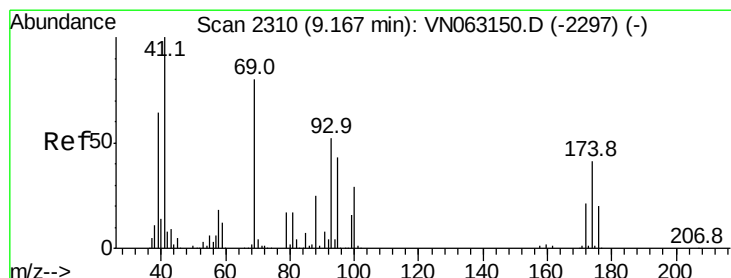
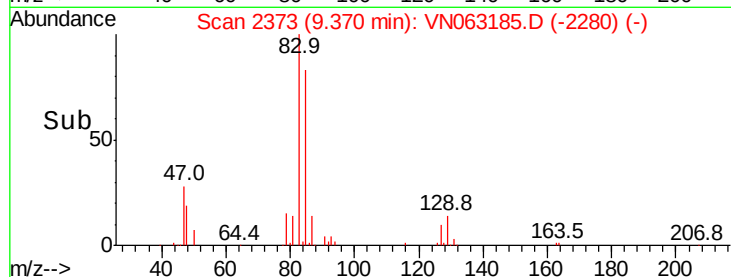
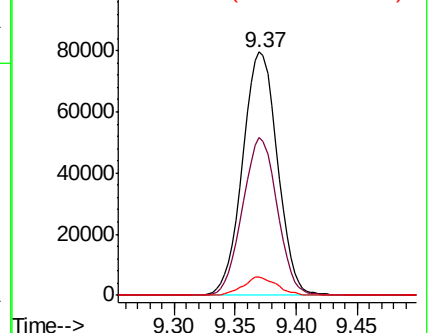
127 7.7 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.422 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

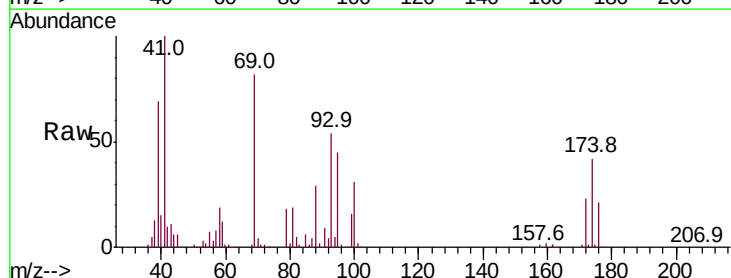
Tgt Ion: 41 Resp: 104175

Ion Ratio Lower Upper

41 100

69 85.5 65.9 98.9

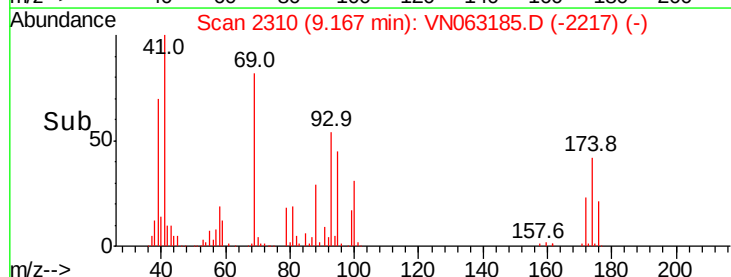
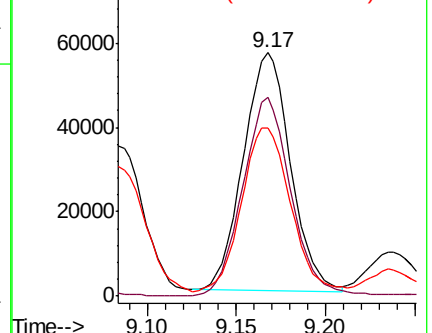
39 74.8 52.0 78.0

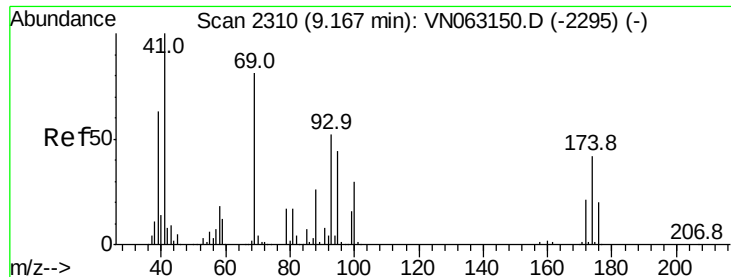


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 412.796 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

VN0902WBS01

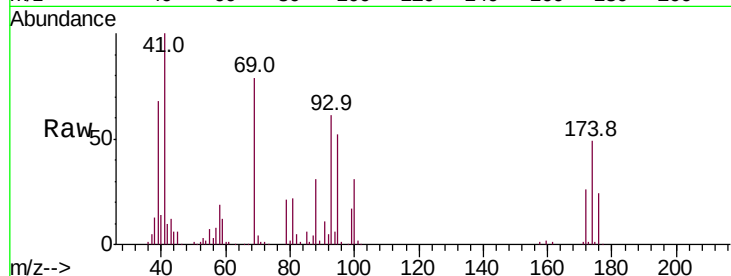
Tot Ion: 88 Resp: 34247

Ion Ratio Lower Upper

88 100

43 37.4 28.6 42.8

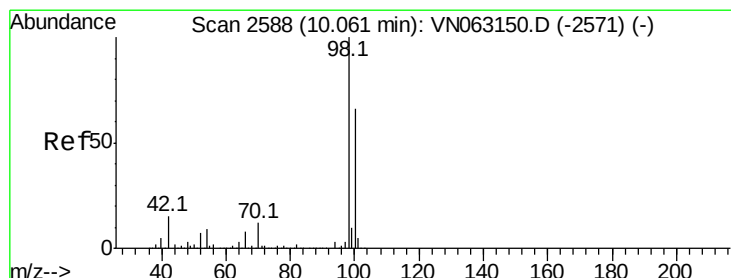
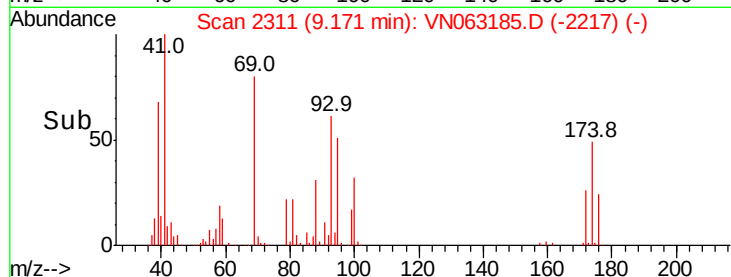
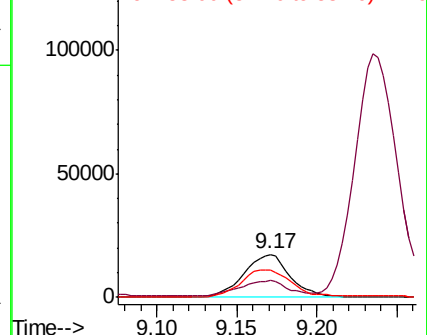
58 70.4 53.2 79.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.886 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063185.D

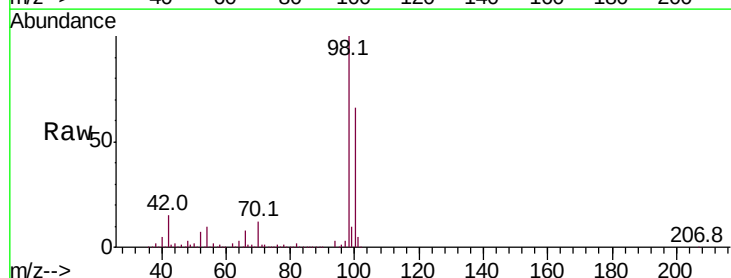
Acq: 2 Sep 2020 11:00

Tgt Ion: 98 Resp: 934888

Ion Ratio Lower Upper

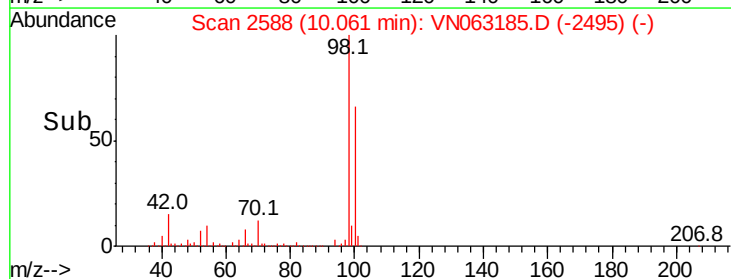
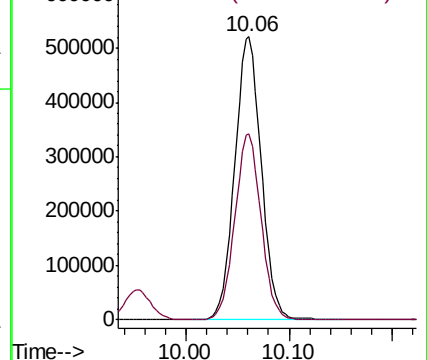
98 100

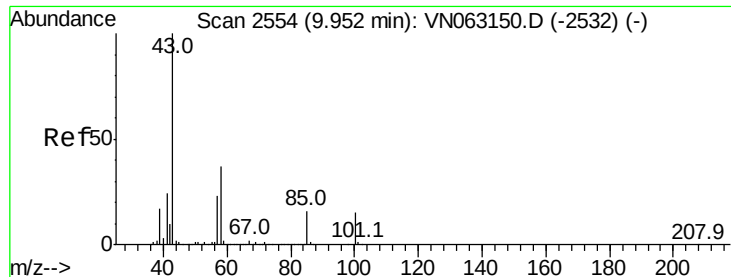
100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

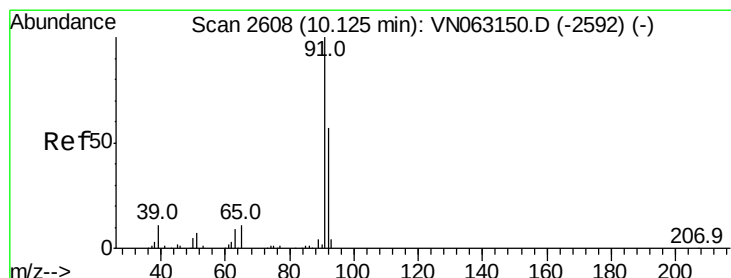
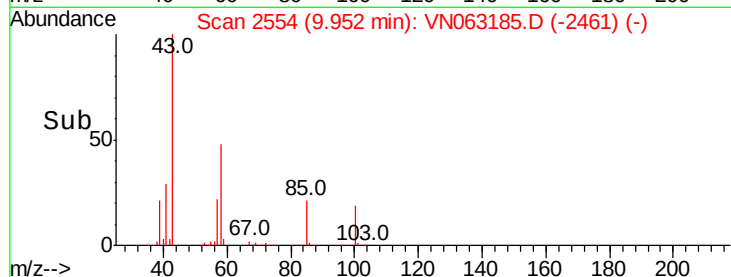
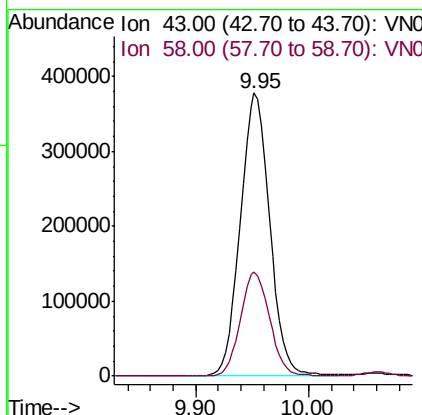
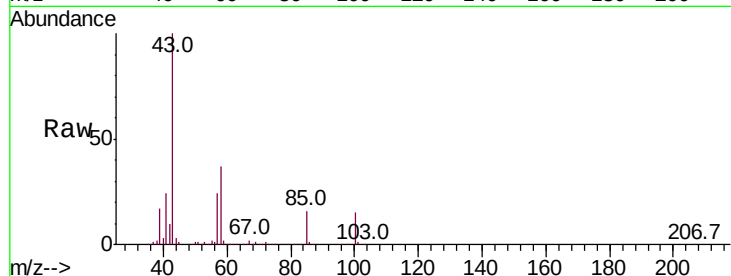




#51
 4-Methyl-2-Pentanone
 Concen: 105.461 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

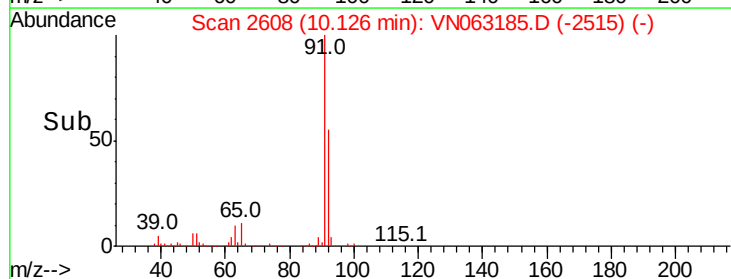
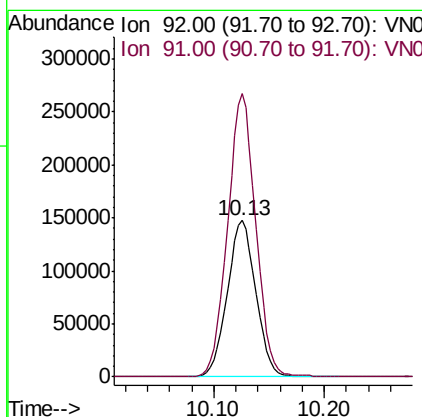
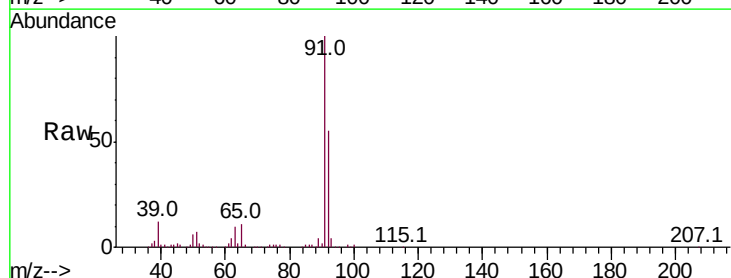
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

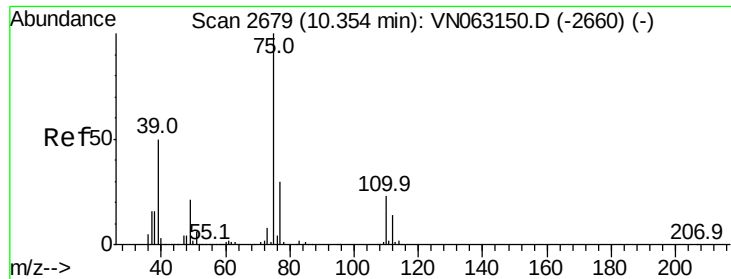
Tot Ion: 43 Resp: 681888
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.2 43.8



#52
 Toluene
 Concen: 19.865 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion: 92 Resp: 265314
 Ion Ratio Lower Upper
 92 100
 91 176.9 141.2 211.8

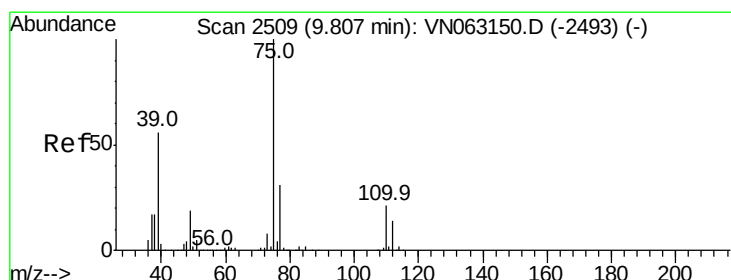
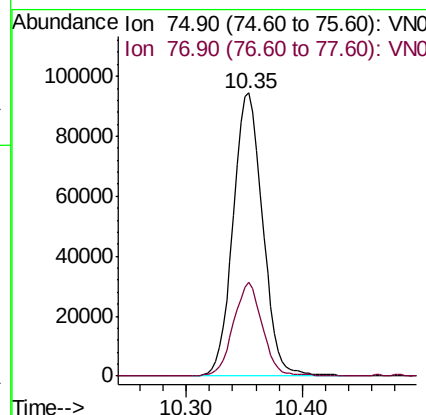
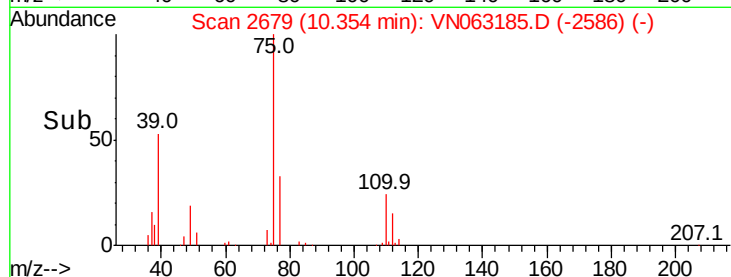
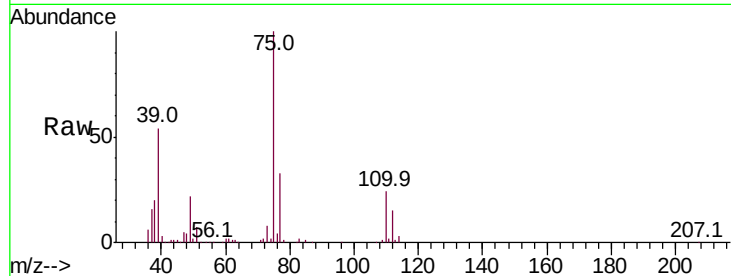




#53
t-1,3-Dichloropropene
Concen: 18.954 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

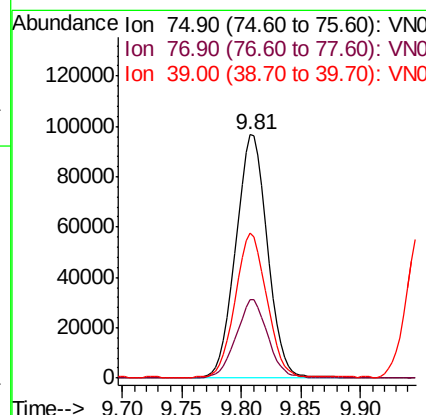
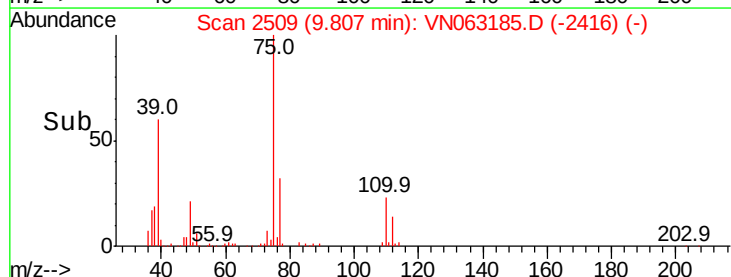
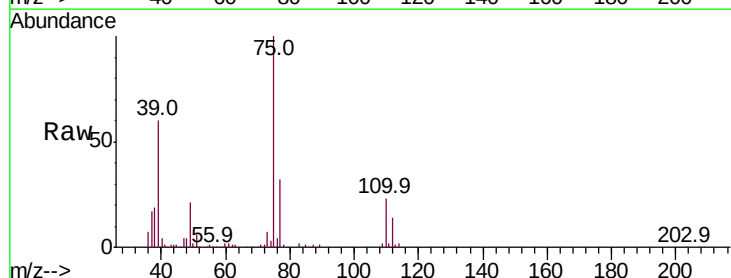
Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

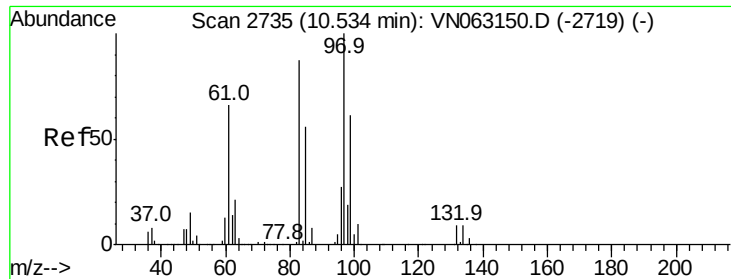
Tot Ion: 75 Resp: 167181
Ion Ratio Lower Upper
75 100
77 32.9 24.2 36.2



#54
cis-1,3-Dichloropropene
Concen: 19.319 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion: 75 Resp: 178864
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 59.6 45.0 67.6

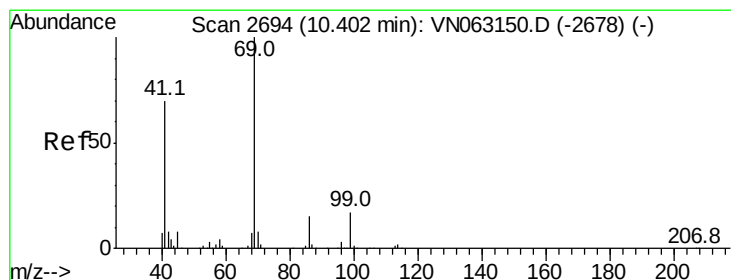
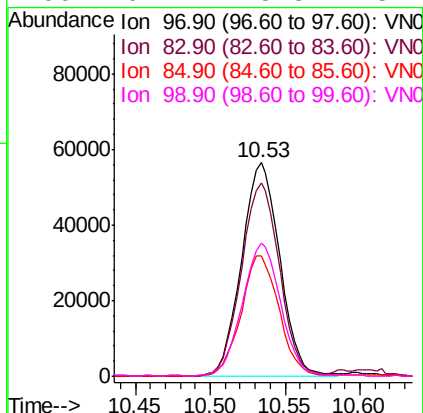
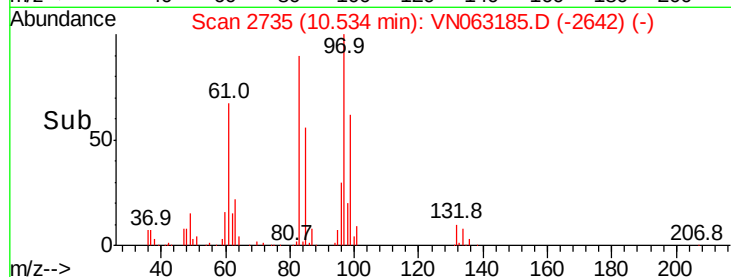
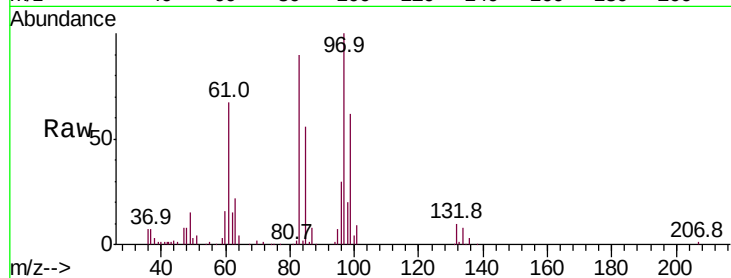




#55
 1,1,2-Trichloroethane
 Concen: 19.638 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

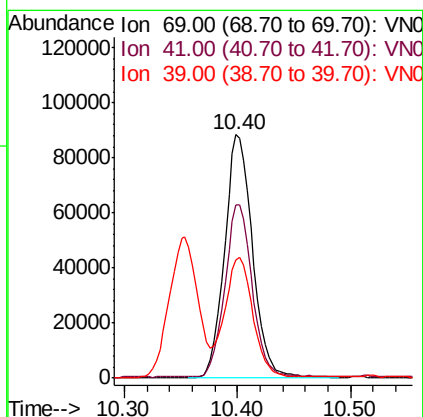
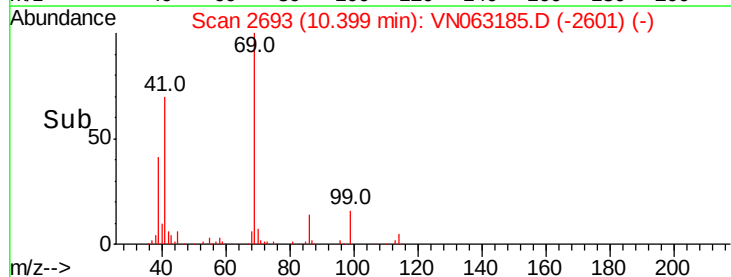
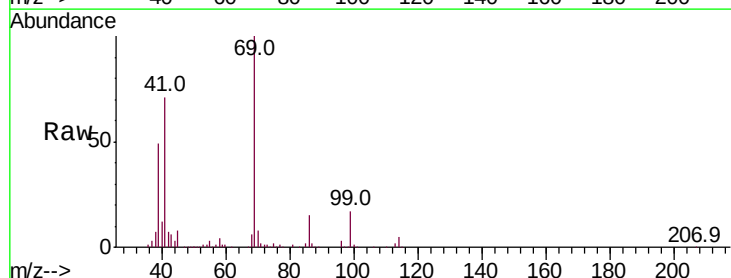
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

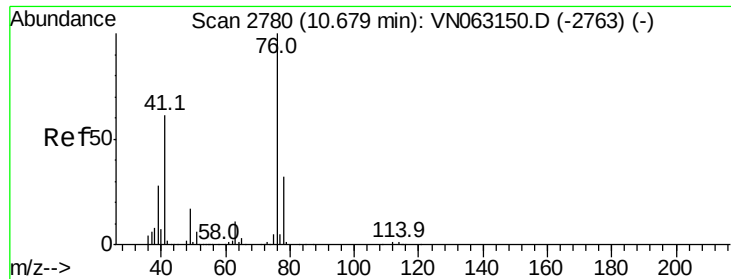
Tot Ion: 97 Resp: 100445
 Ion Ratio Lower Upper
 97 100
 83 90.4 69.8 104.8
 85 56.1 44.9 67.3
 99 62.1 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 19.542 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion: 69 Resp: 152112
 Ion Ratio Lower Upper
 69 100
 41 68.7 55.5 83.3
 39 49.0 38.2 57.2





#57

1,3-Dichloropropane

Concen: 19.769 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

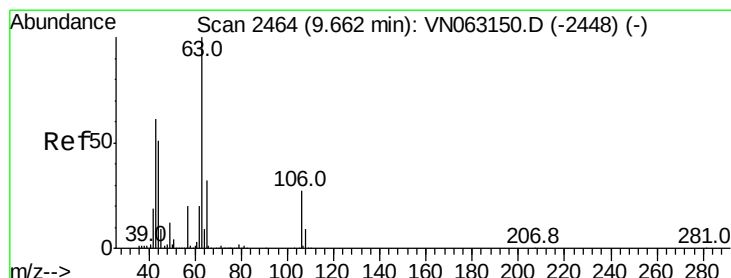
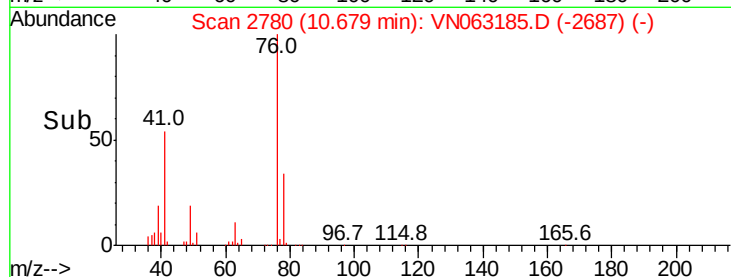
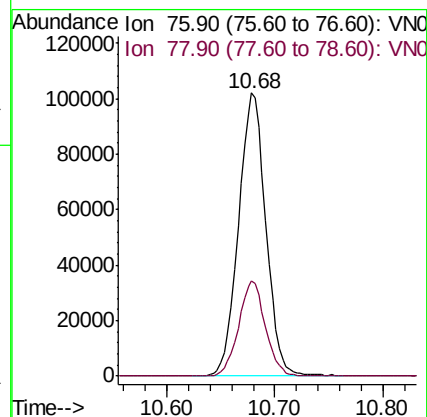
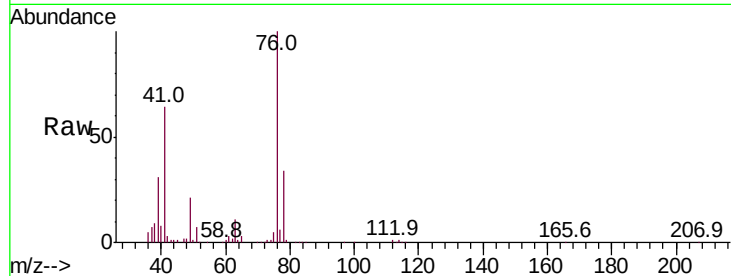
VN0902WBS01

Tot Ion: 76 Resp: 180136

Ion Ratio Lower Upper

76 100

78 32.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 88.247 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063185.D

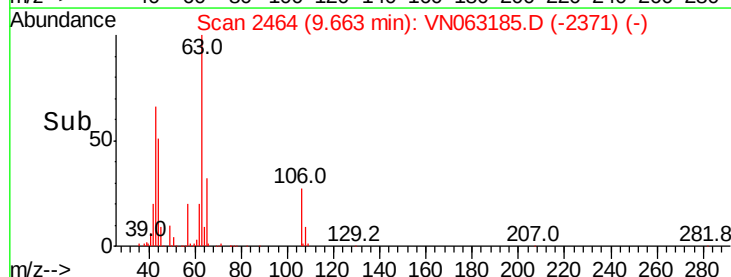
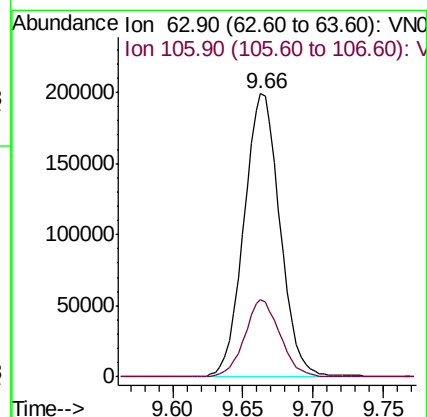
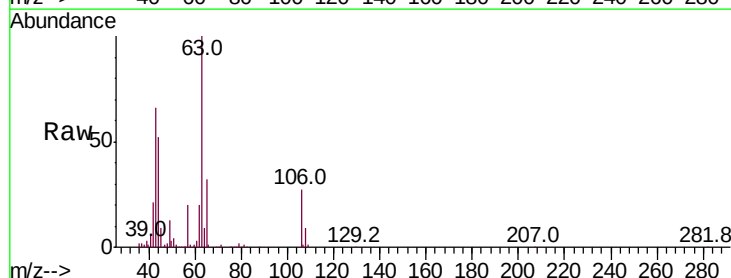
Acq: 2 Sep 2020 11:00

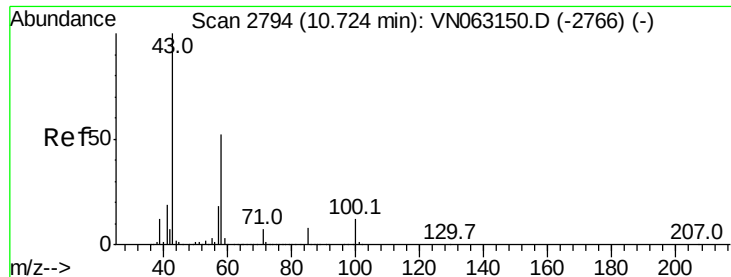
Tgt Ion: 63 Resp: 355711

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.6

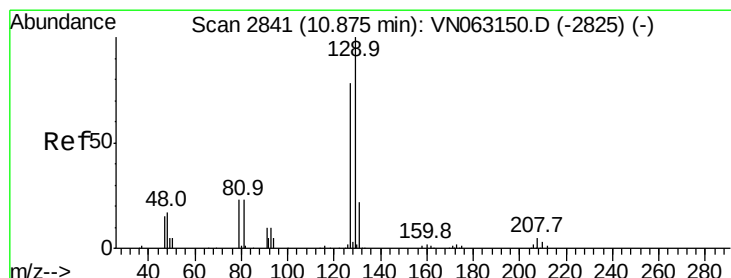
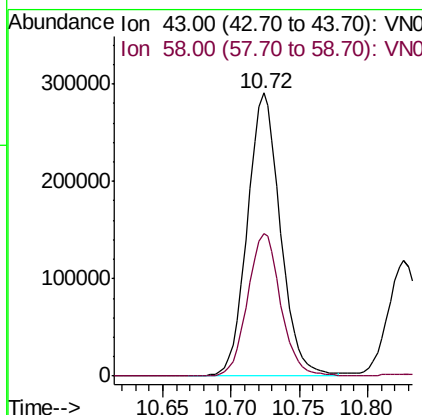
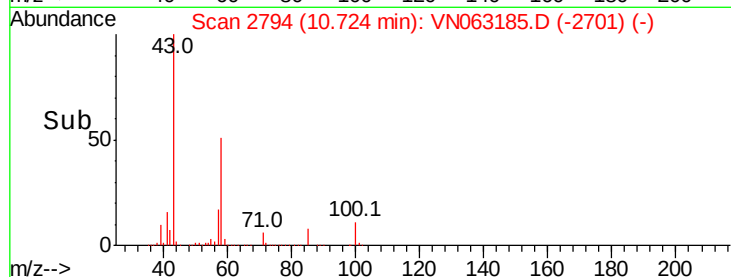
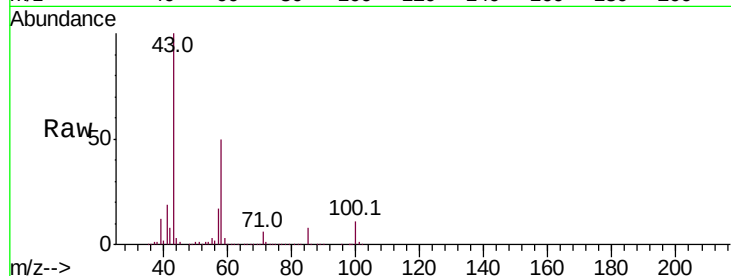




#59
2-Hexanone
Concen: 106.910 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

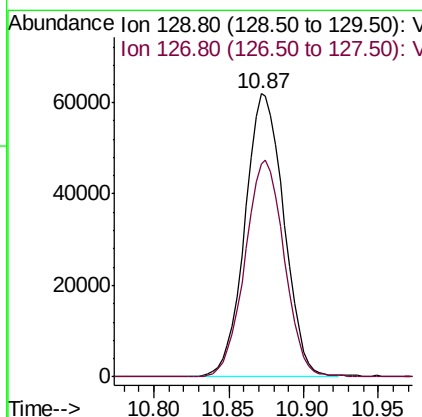
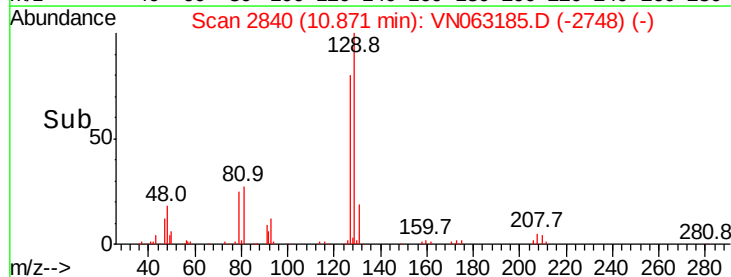
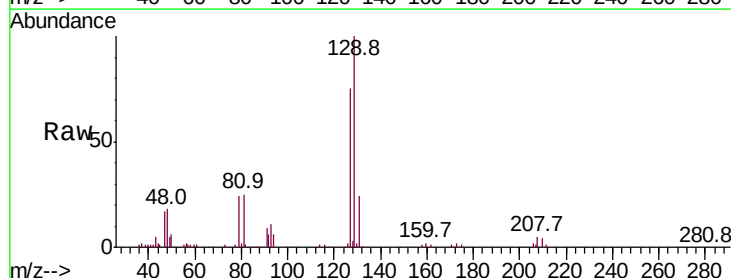
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

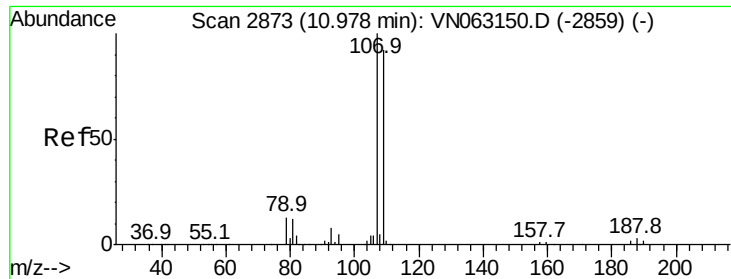
Tot Ion: 43 Resp: 485804
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.8



#60
Dibromochloromethane
Concen: 19.894 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion: 129 Resp: 112497
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

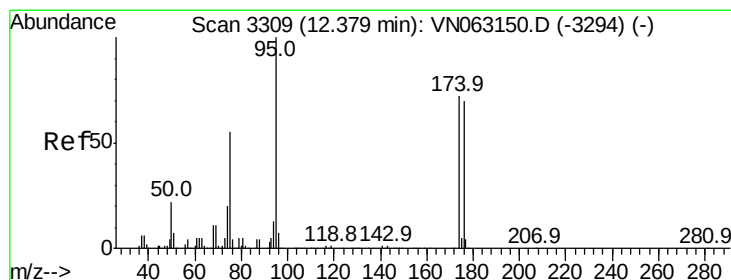
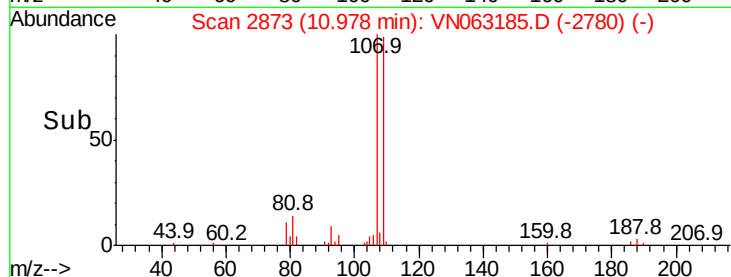
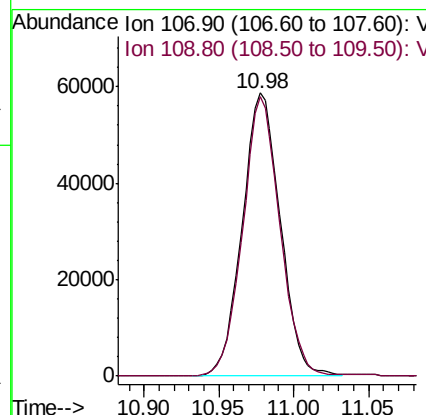
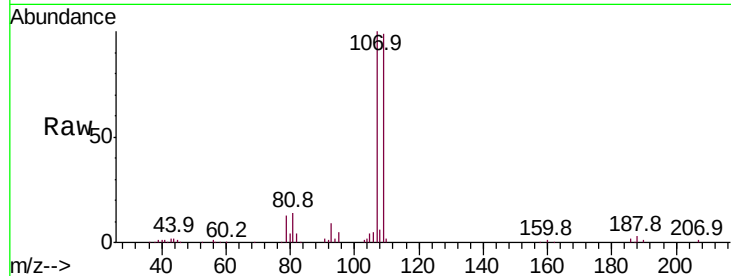




#61
 1,2-Dibromoethane
 Concen: 19.548 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

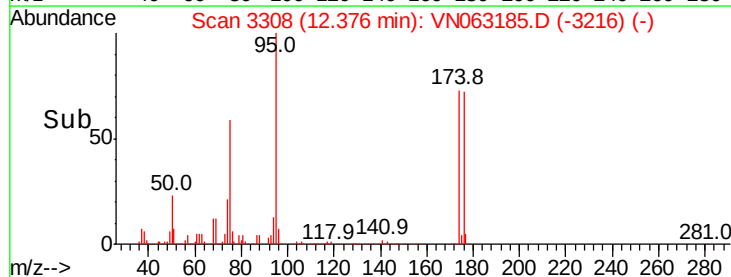
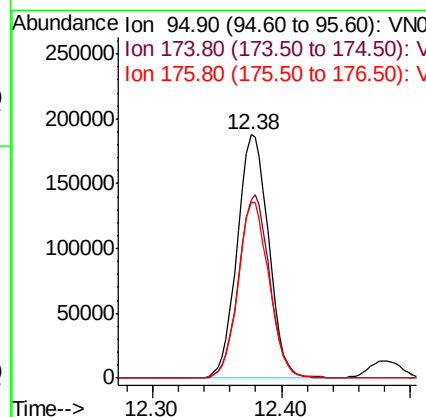
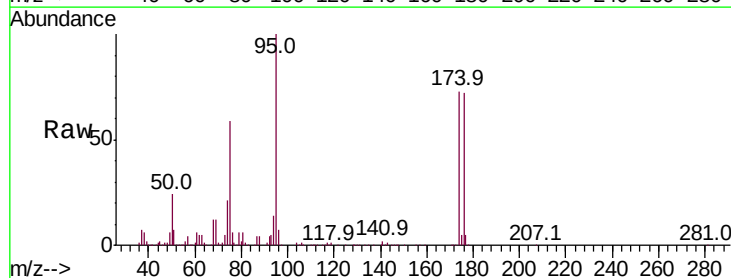
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

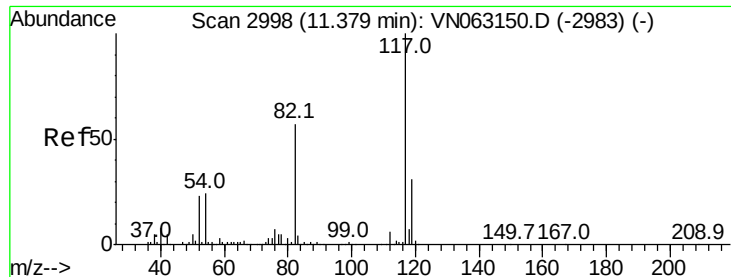
Tot Ion:107 Resp: 103936
 Ion Ratio Lower Upper
 107 100
 109 96.5 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 48.538 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion: 95 Resp: 318188
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 143.8
 176 71.4 0.0 138.4

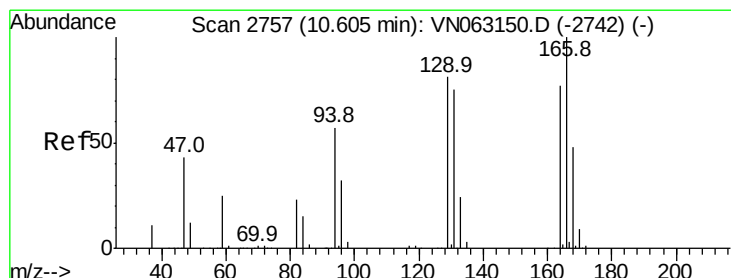
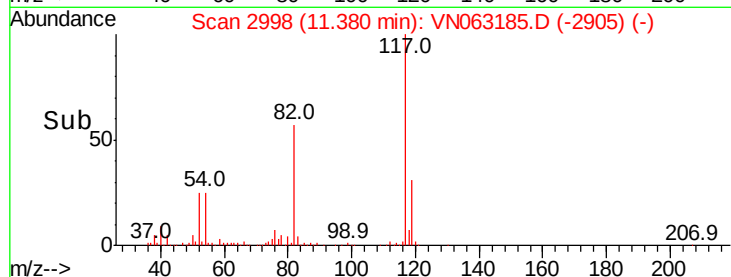
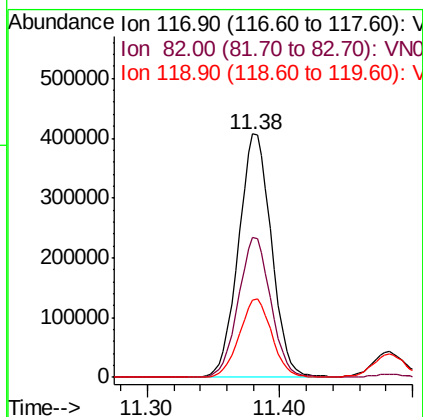
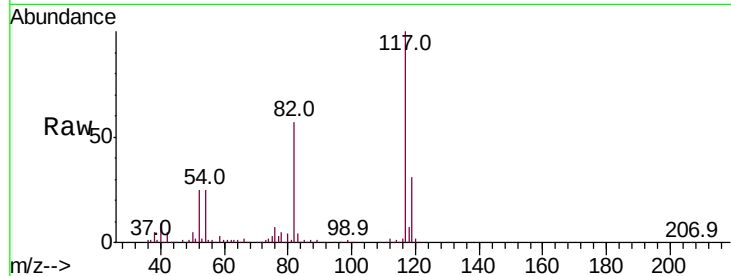




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

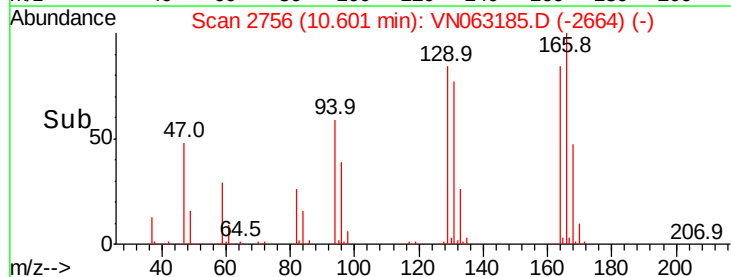
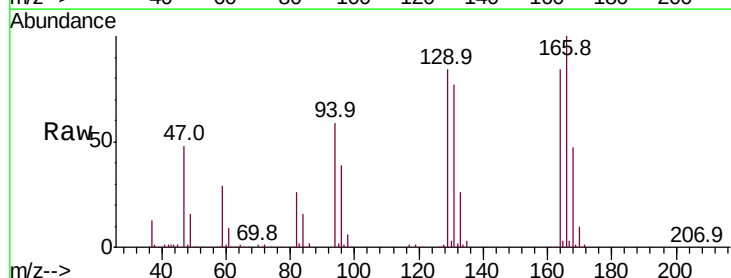
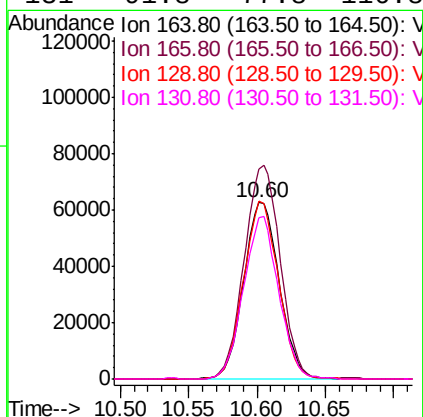
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

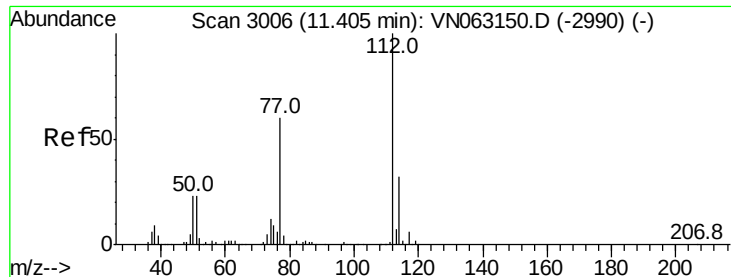
Tot Ion:117 Resp: 702053
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.0
119 31.5 24.6 37.0



#64
Tetrachloroethene
Concen: 22.521 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion:164 Resp: 113536
Ion Ratio Lower Upper
164 100
166 119.3 103.4 155.2
129 100.5 83.4 125.0
131 91.8 77.8 116.8





#65

Chlorobenzene

Concen: 19.594 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

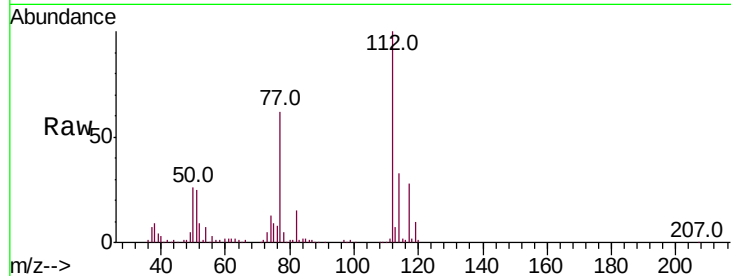
VN0902WBS01

Tot Ion:112 Resp: 277068

Ion Ratio Lower Upper

112 100

114 32.9 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

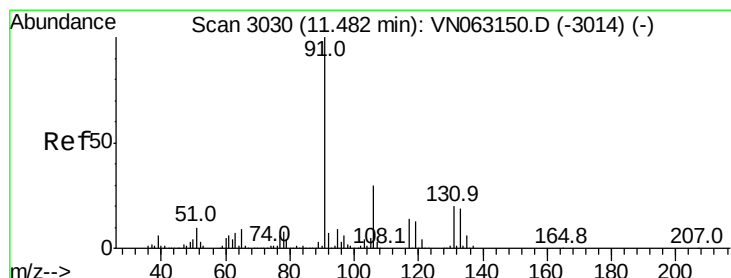
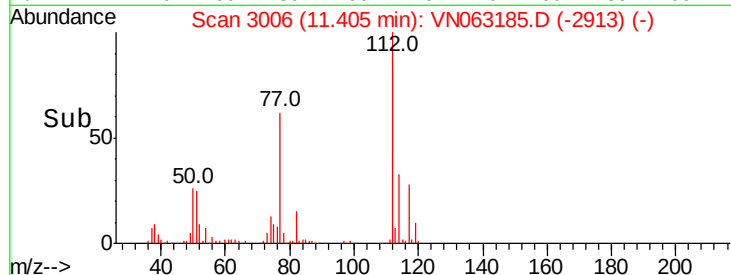
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 19.457 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

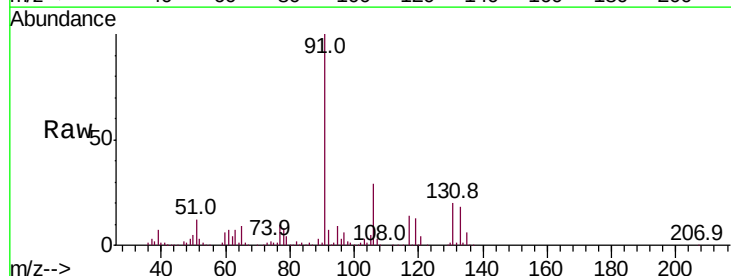
Tgt Ion:131 Resp: 102148

Ion Ratio Lower Upper

131 100

133 96.3 47.3 142.0

119 65.7 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

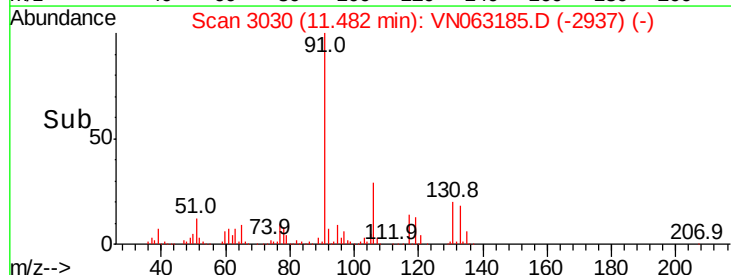
60000

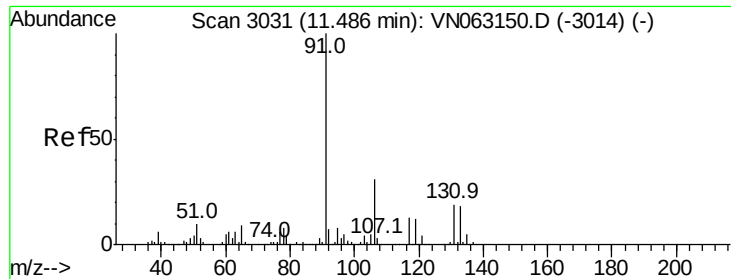
40000

20000

0

Time--> 11.40 11.45 11.50 11.55





#67

Ethyl Benzene

Concen: 20.287 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

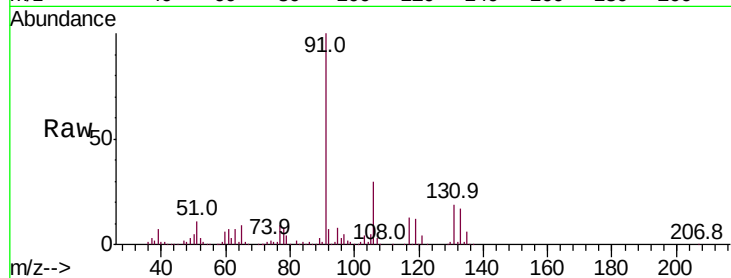
VN0902WBS01

Tot Ion: 91 Resp: 523323

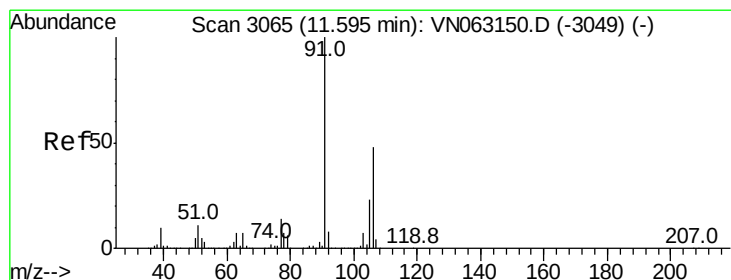
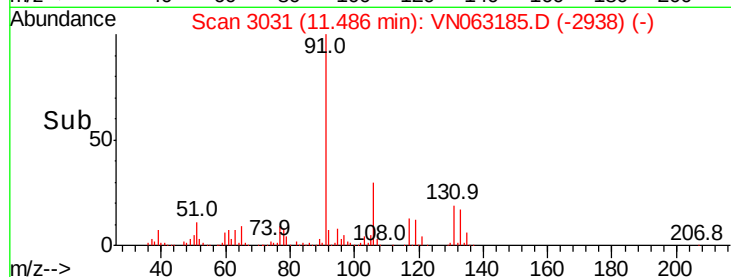
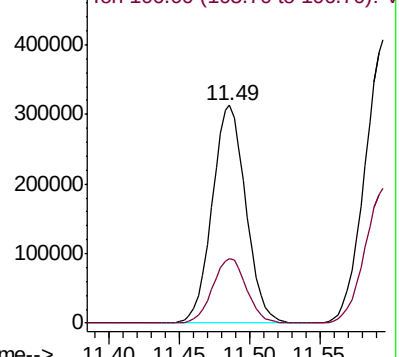
Ion Ratio Lower Upper

91 100

106 29.8 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN063185.D (-2938) (-)



#68

m/p-Xylenes

Concen: 39.481 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063185.D

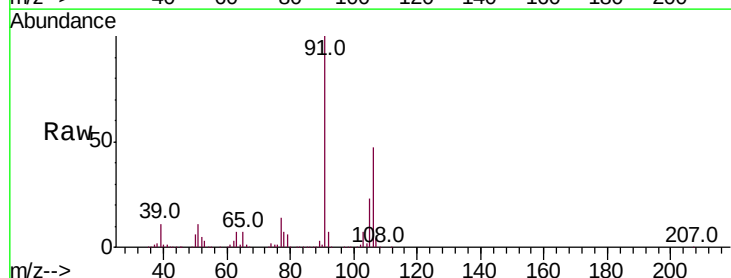
Acq: 2 Sep 2020 11:00

Tgt Ion: 106 Resp: 377204

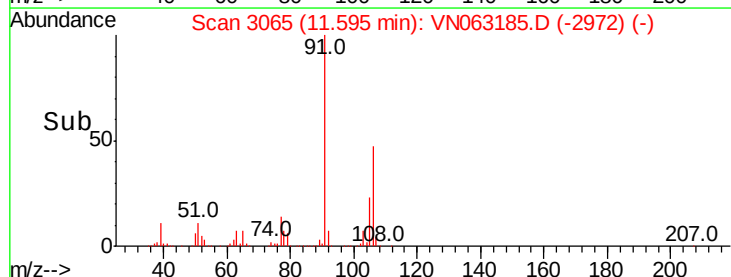
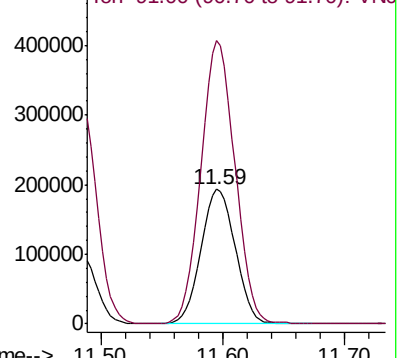
Ion Ratio Lower Upper

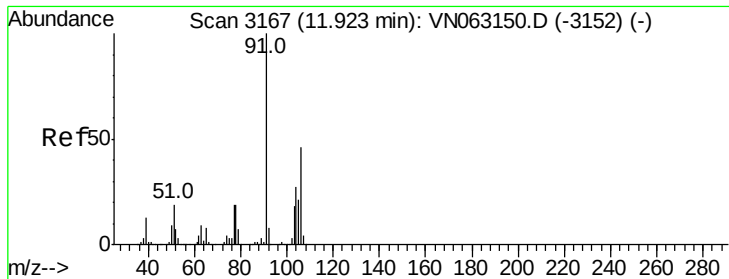
106 100

91 208.4 166.7 250.1



Abundance Ion 106.00 (105.70 to 106.70): VN063185.D (-2972) (-)

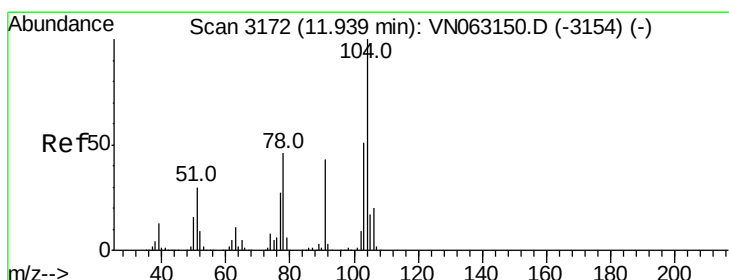
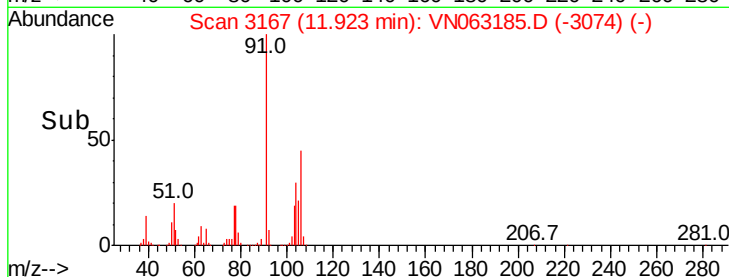
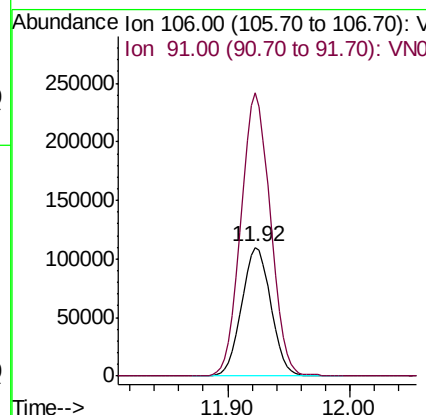
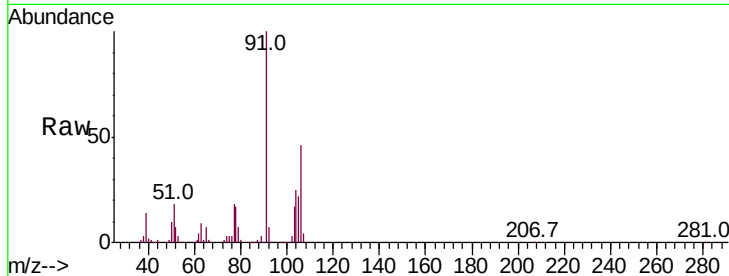




#69
o-Xylene
Concen: 19.700 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

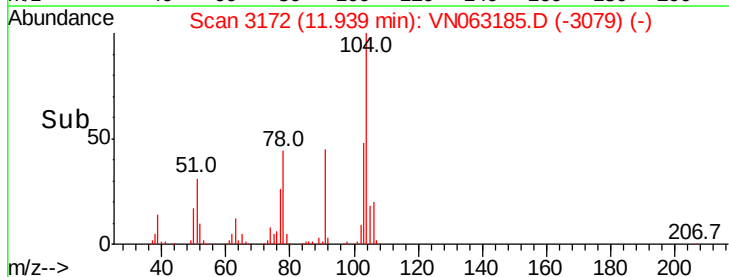
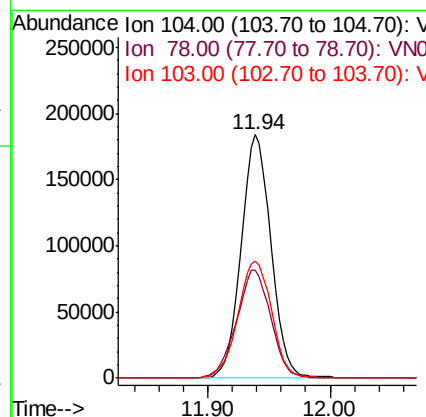
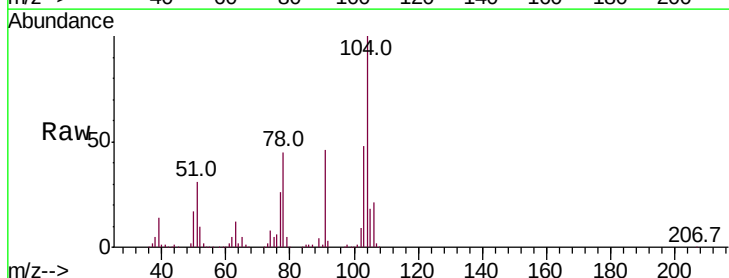
Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

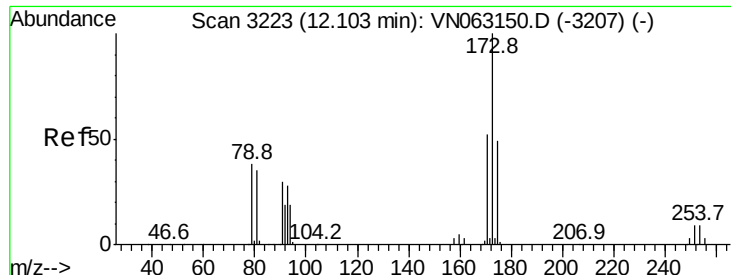
Tot Ion:106 Resp: 181819
Ion Ratio Lower Upper
106 100
91 222.2 108.6 325.6



#70
Styrene
Concen: 19.591 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion:104 Resp: 310753
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 54.7 43.8 65.8

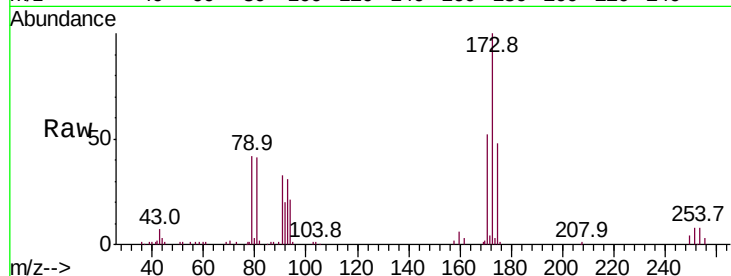




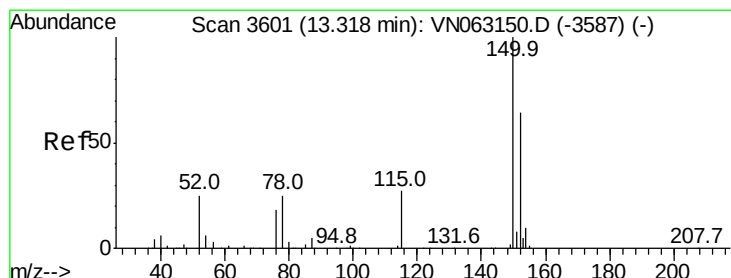
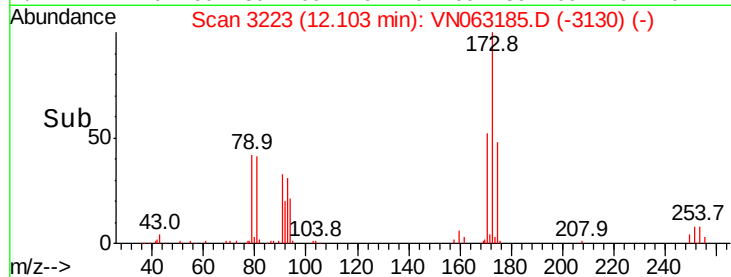
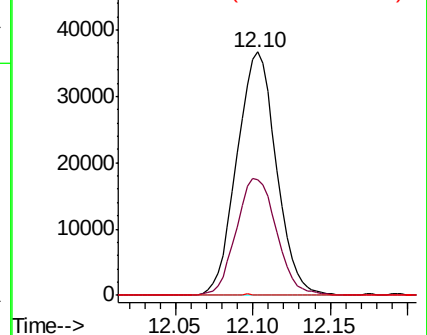
#71
Bromoform
Concen: 18.238 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

Tot Ion:173 Resp: 64979
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.0 0.0 0.0#

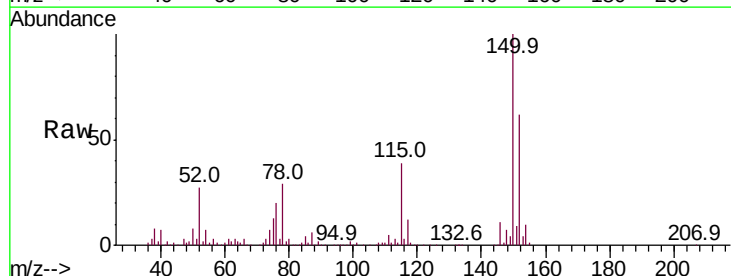


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

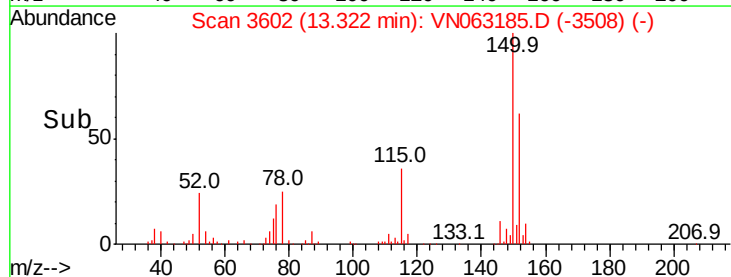
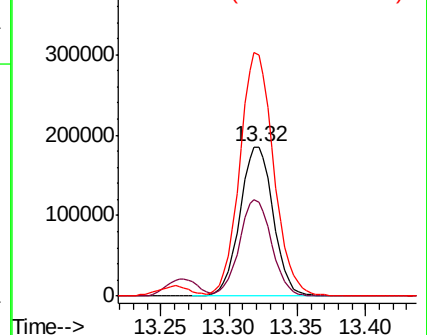


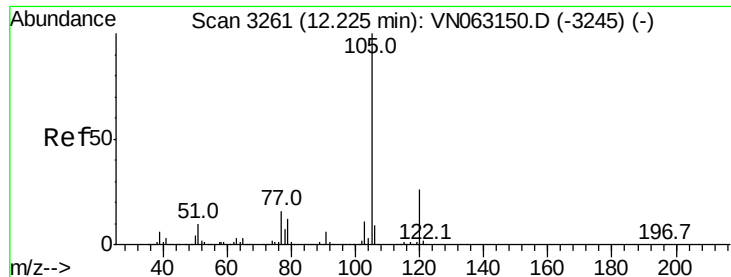
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion:152 Resp: 314525
Ion Ratio Lower Upper
152 100
115 62.8 32.0 96.2
150 165.9 0.0 353.0



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





#73

Isopropylbenzene

Concen: 20.502 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

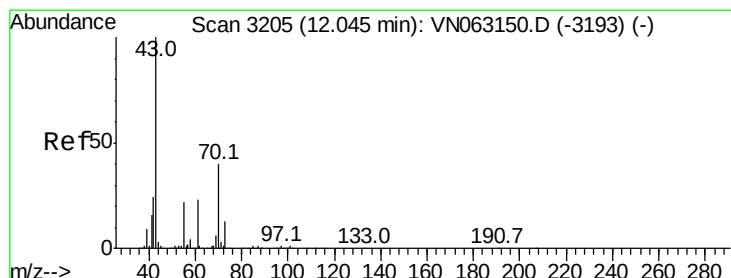
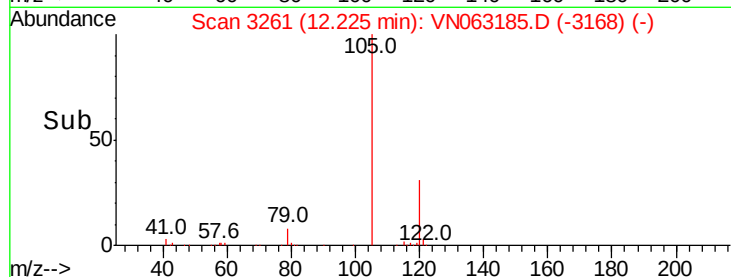
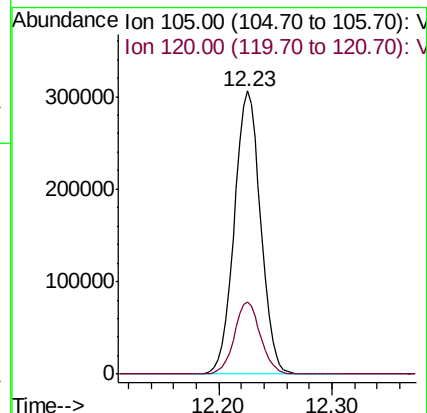
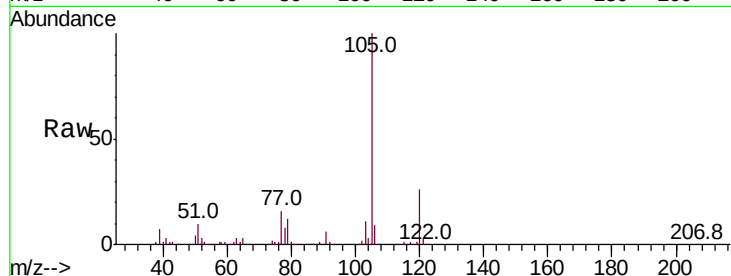
VN0902WBS01

Tot Ion:105 Resp: 494578

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.6



#74

N-ethyl acetate

Concen: 19.346 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Tgt Ion: 43 Resp: 193316

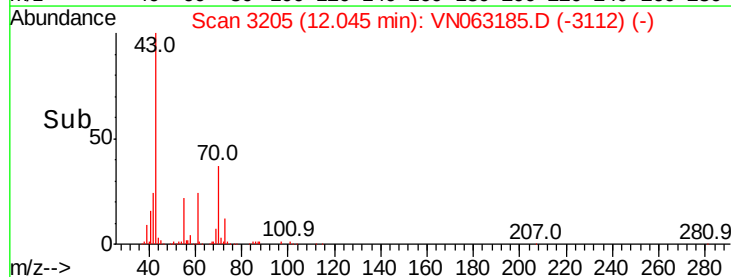
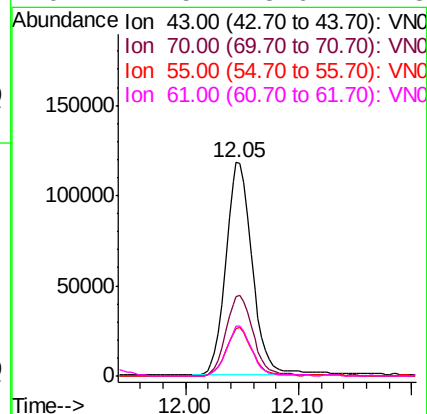
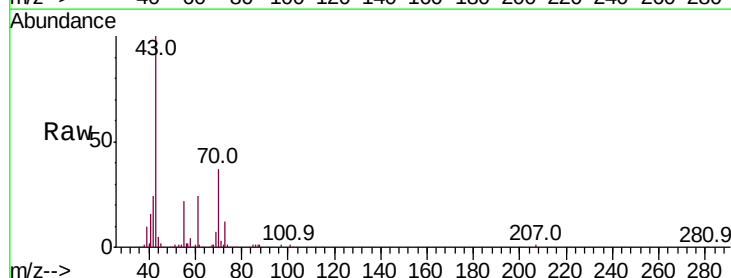
Ion Ratio Lower Upper

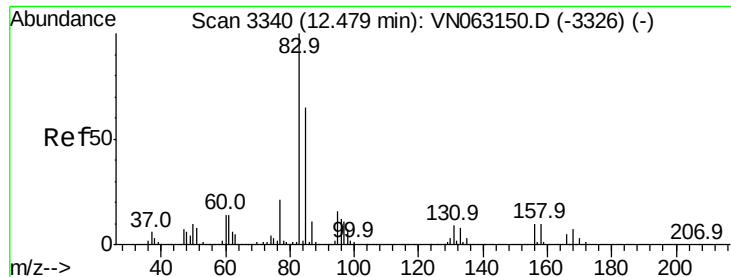
43 100

70 38.7 32.1 48.1

55 22.2 17.4 26.0

61 22.5 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.230 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

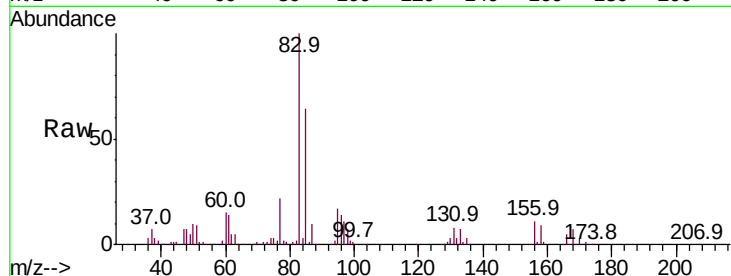
Tot Ion: 83 Resp: 133741

Ion Ratio Lower Upper

83 100

131 8.9 4.7 14.0

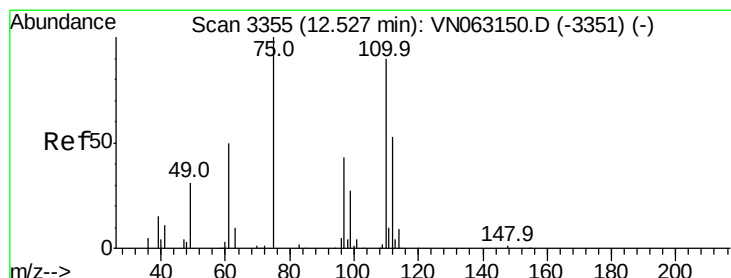
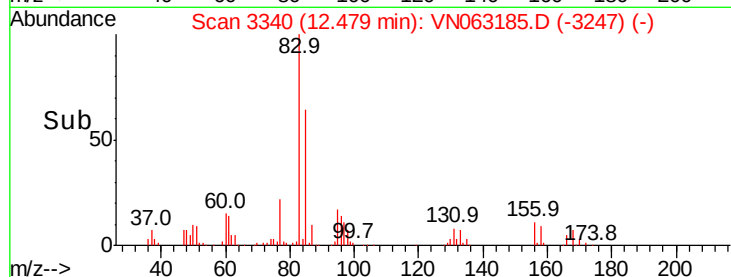
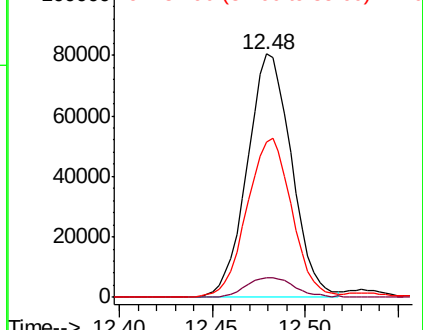
85 65.9 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 30.014 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063185.D

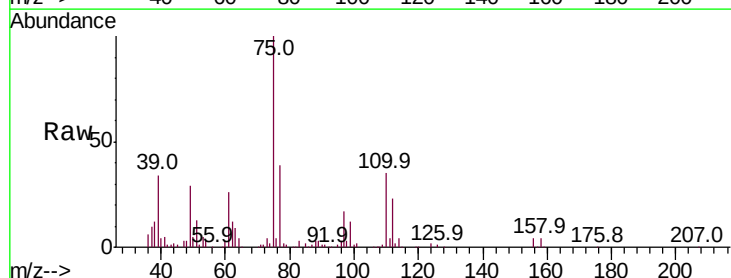
Acq: 2 Sep 2020 11:00

Tgt Ion: 75 Resp: 185478

Ion Ratio Lower Upper

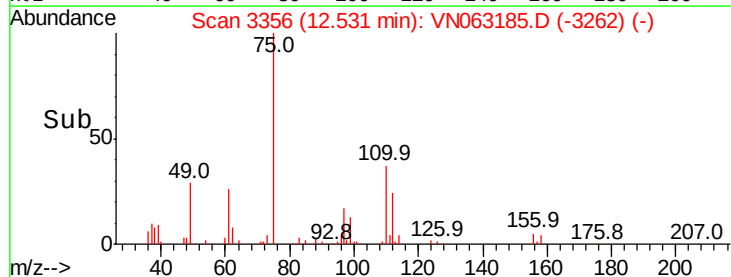
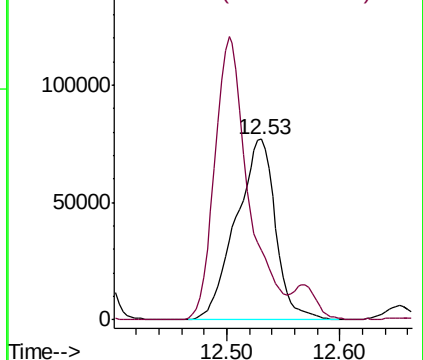
75 100

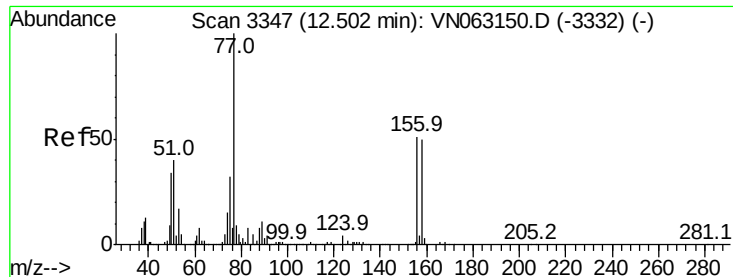
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.328 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

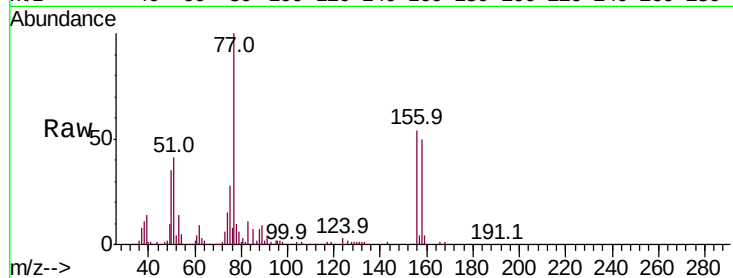
Tot Ion:156 Resp: 110906

Ion Ratio Lower Upper

156 100

77 226.2 116.1 348.3

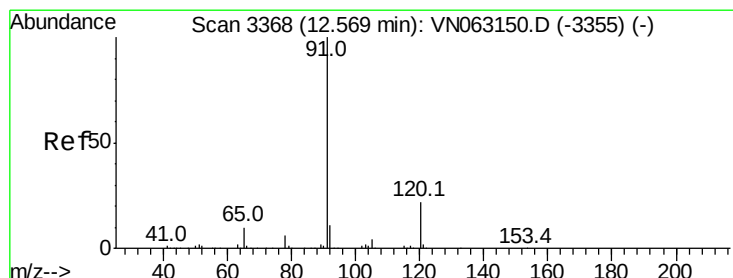
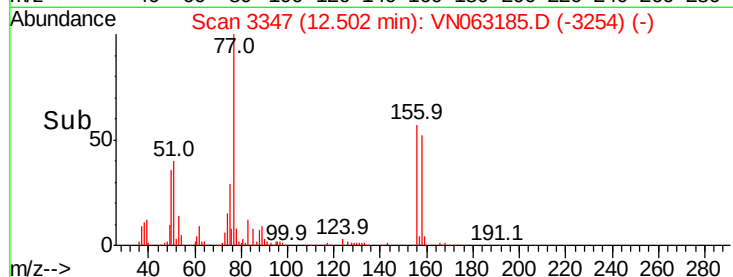
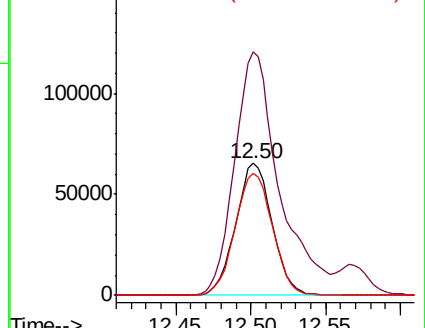
158 95.5 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.936 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN063185.D

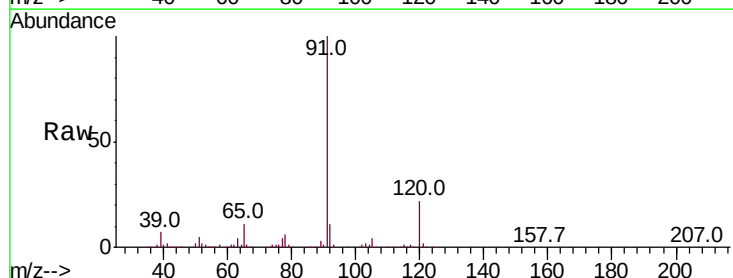
Acq: 2 Sep 2020 11:00

Tgt Ion: 91 Resp: 584425

Ion Ratio Lower Upper

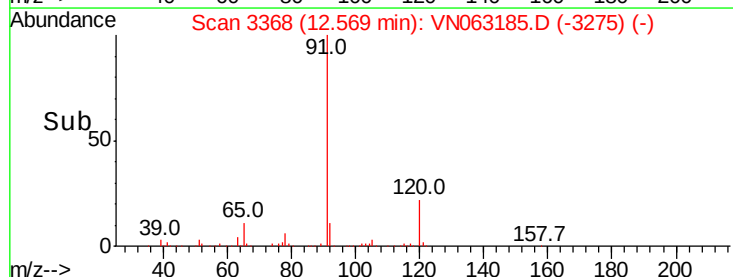
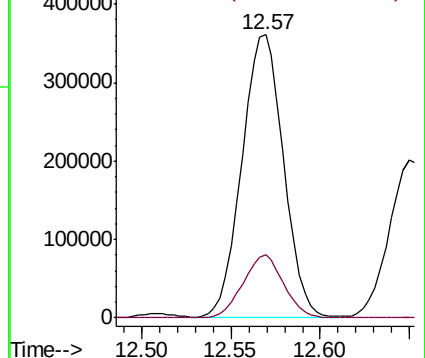
91 100

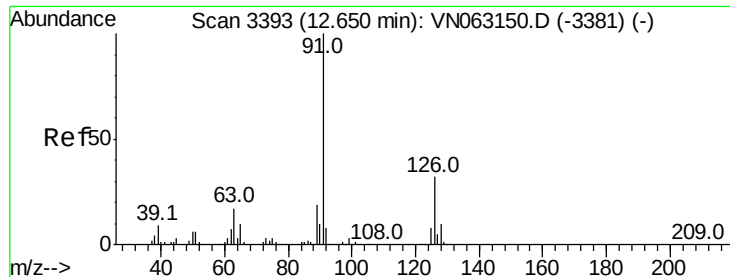
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.017 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

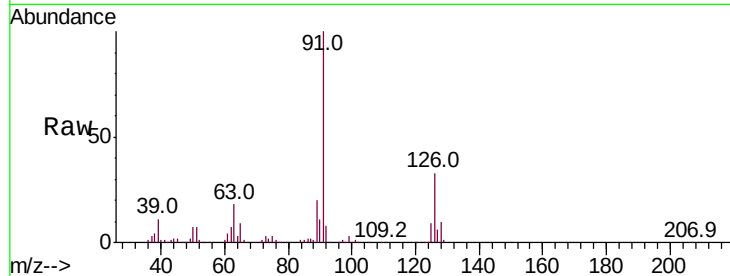
VN0902WBS01

Tot Ion: 91 Resp: 334679

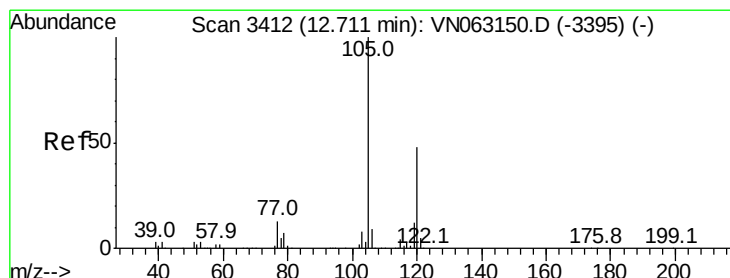
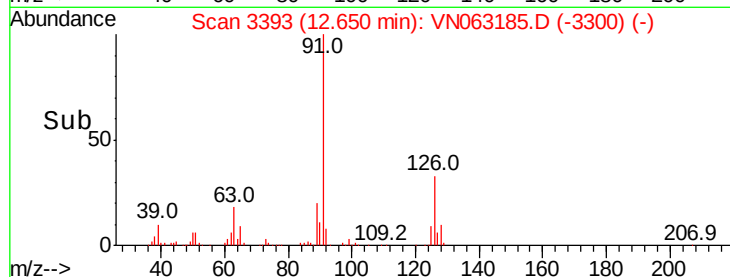
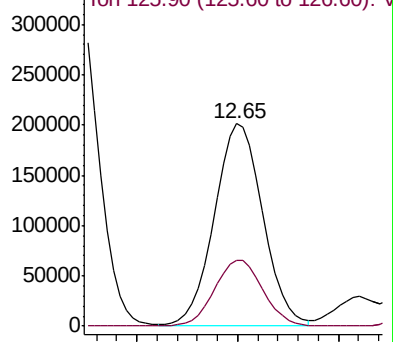
Ion Ratio Lower Upper

91 100

126 33.0 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063185.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.603 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063185.D

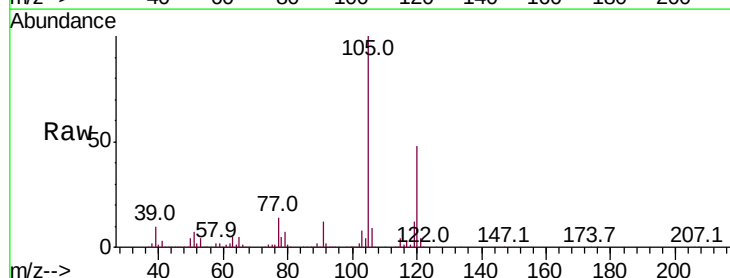
Acq: 2 Sep 2020 11:00

Tgt Ion:105 Resp: 413701

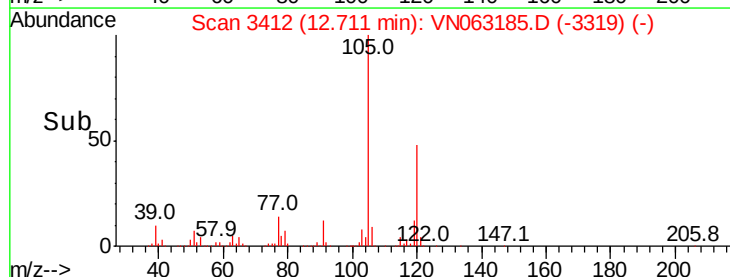
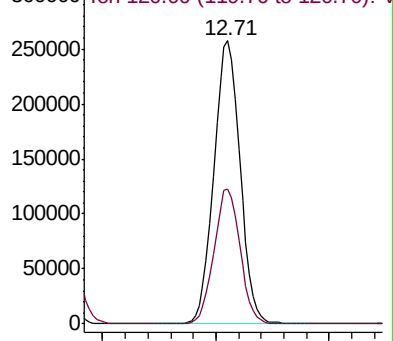
Ion Ratio Lower Upper

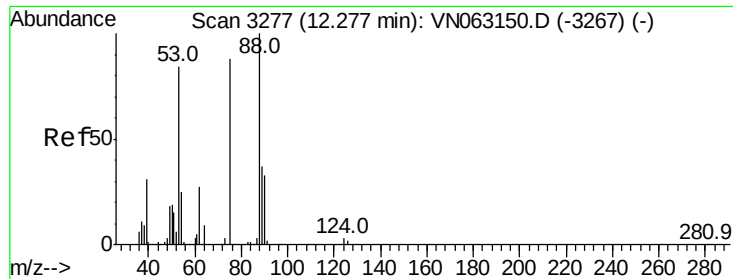
105 100

120 47.6 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063185.D (-3412) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.036 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

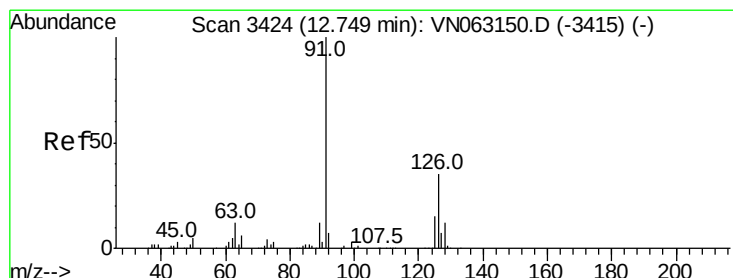
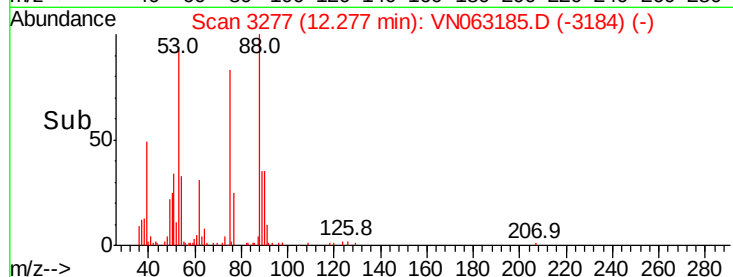
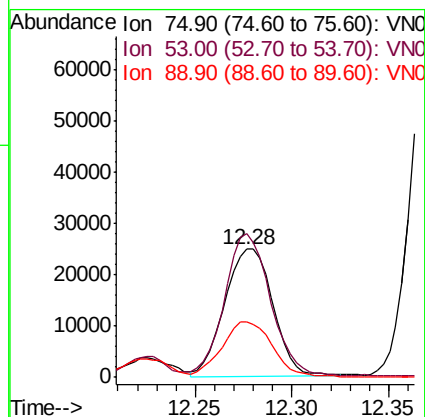
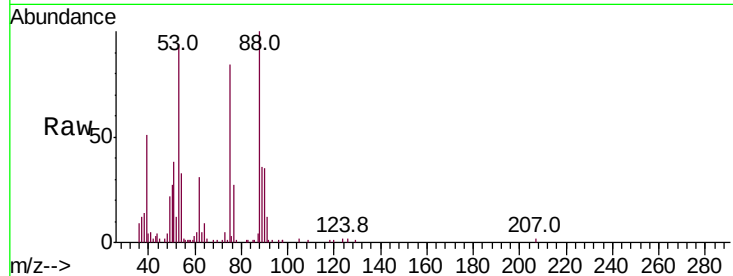
Tot Ion: 75 Resp: 43557

Ion	Ratio	Lower	Upper
75	100		
53	106.3	78.7	118.1
89	45.6	35.3	52.9

75 100

53 106.3 78.7 118.1

89 45.6 35.3 52.9



#82

4-Chlorotoluene

Concen: 20.015 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063185.D

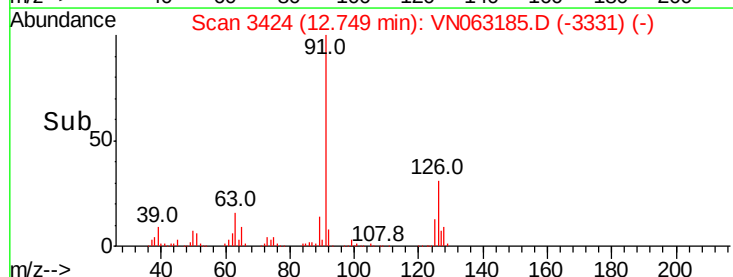
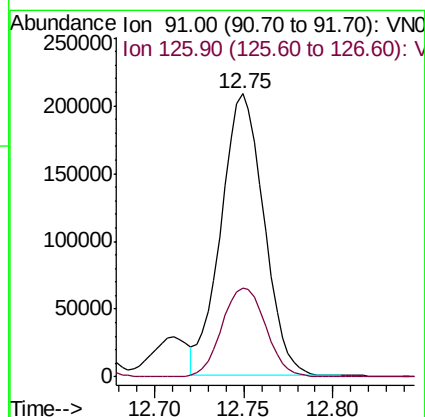
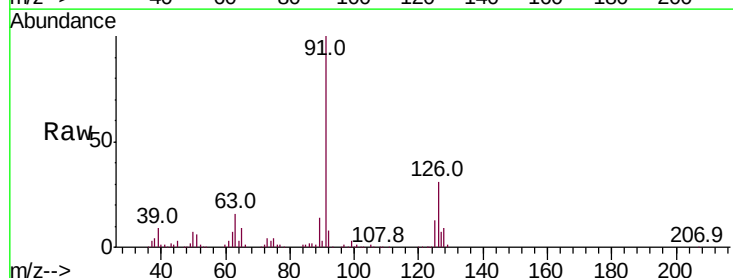
Acq: 2 Sep 2020 11:00

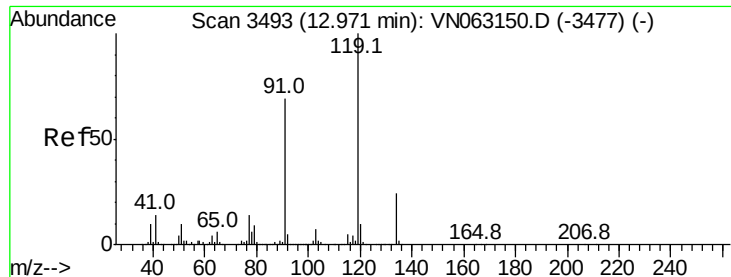
Tgt Ion: 91 Resp: 347066

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.2	48.5

91 100

126 32.1 16.2 48.5





#83

tert-Butylbenzene

Concen: 20.047 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

VN0902WBS01

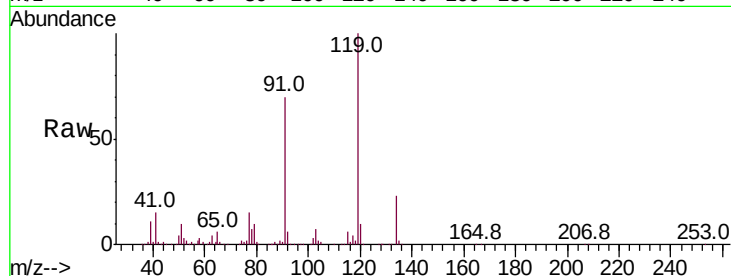
Tot Ion:119 Resp: 345219

Ion Ratio Lower Upper

119 100

91 68.2 33.7 101.0

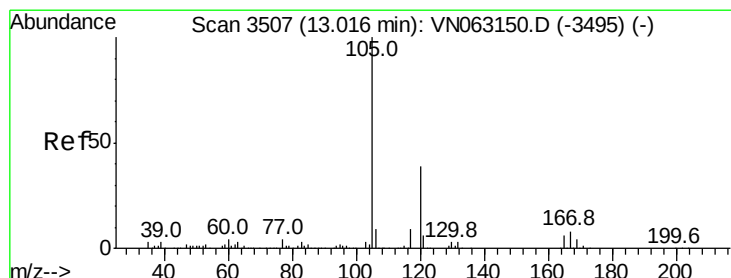
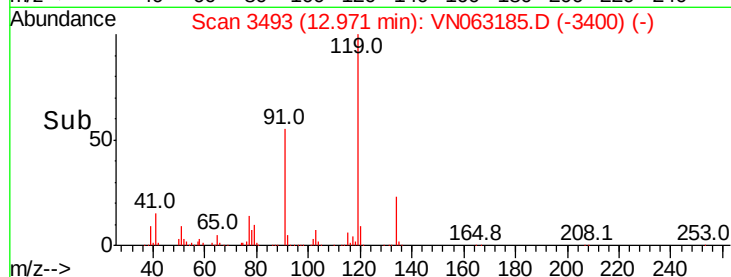
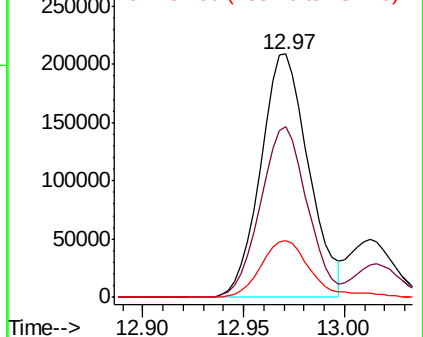
134 24.7 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.875 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063185.D

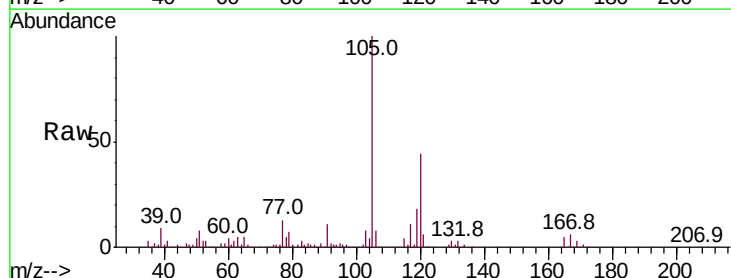
Acq: 2 Sep 2020 11:00

Tgt Ion:105 Resp: 422501

Ion Ratio Lower Upper

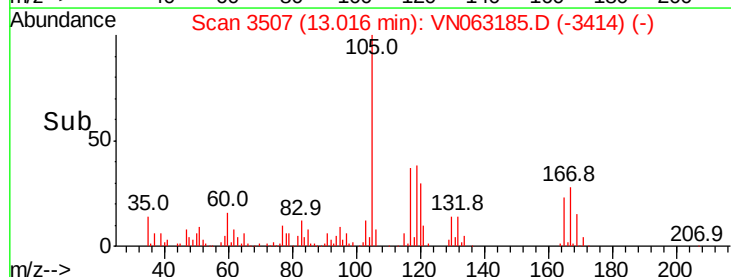
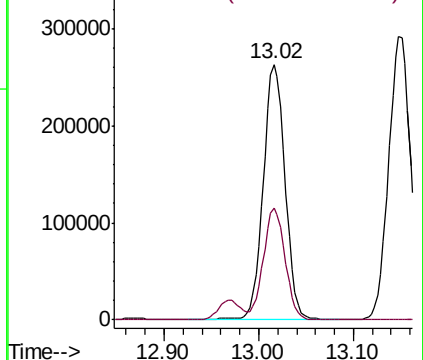
105 100

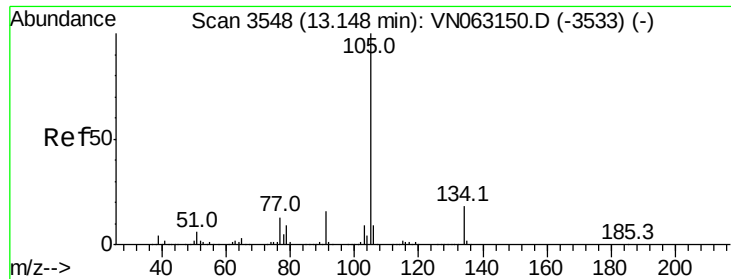
120 43.5 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.118 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

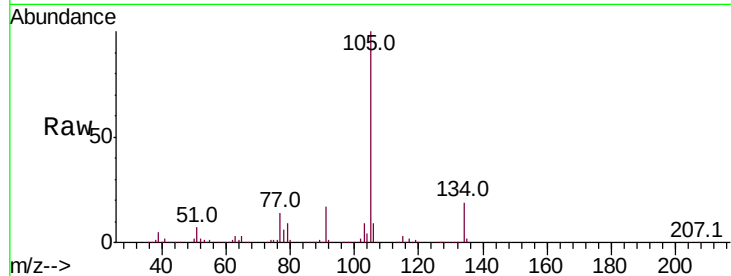
VN0902WBS01

Tot Ion:105 Resp: 473955

Ion Ratio Lower Upper

105 100

134 18.4 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

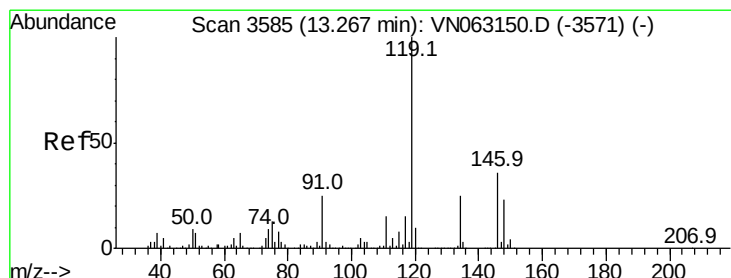
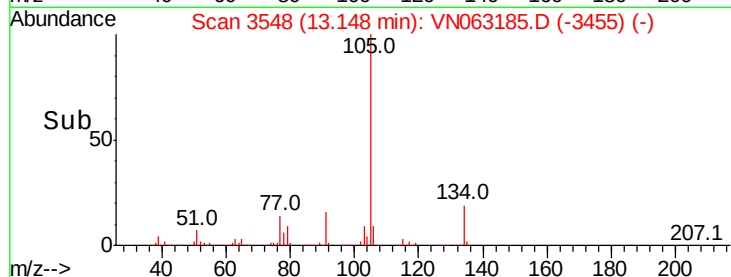
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.891 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

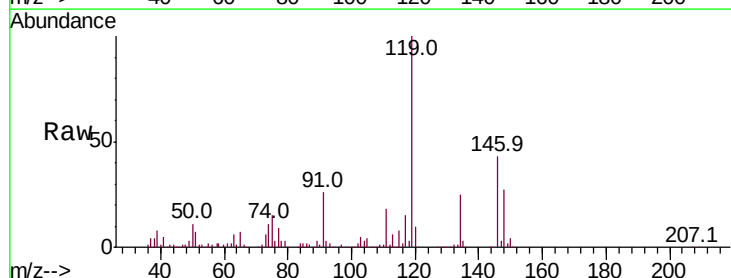
Tgt Ion:119 Resp: 416272

Ion Ratio Lower Upper

119 100

134 24.9 12.4 37.4

91 25.2 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

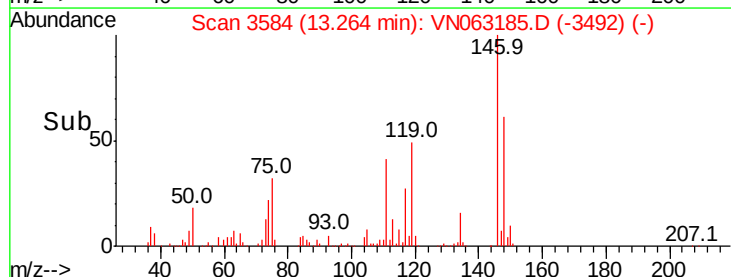
300000

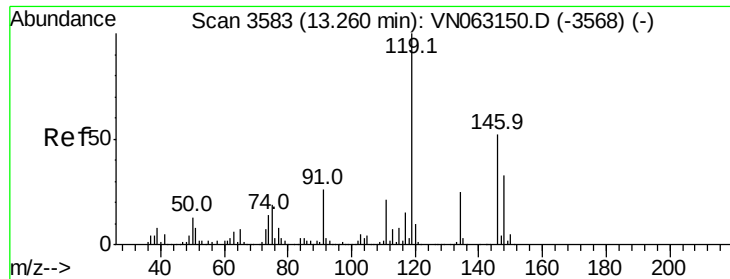
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.450 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

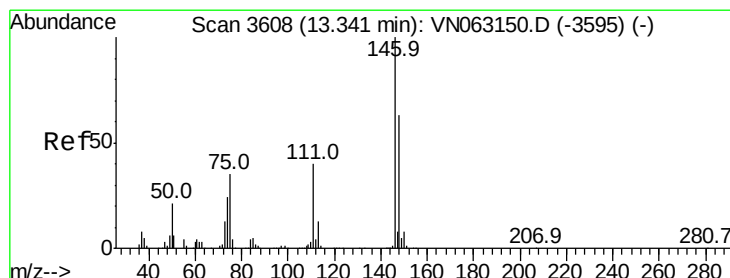
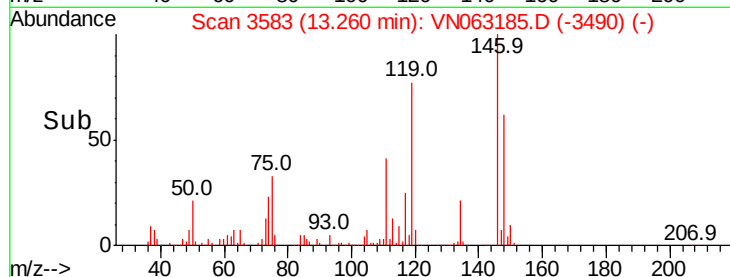
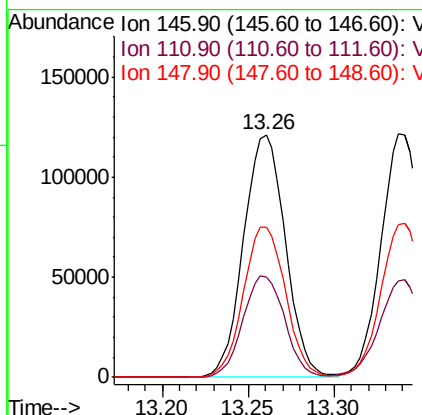
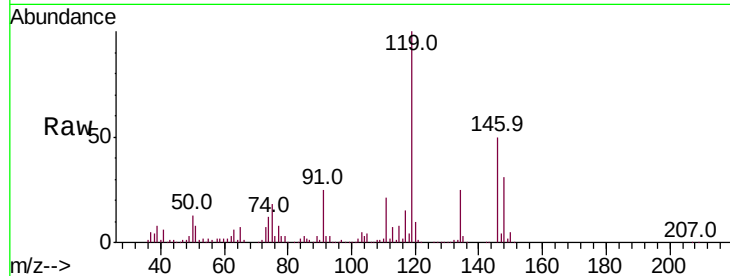
Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Tot Ion:146 Resp: 204967

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	63.7
148	62.5	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 19.721 ug/l

RT: 13.34 min Scan# 3607

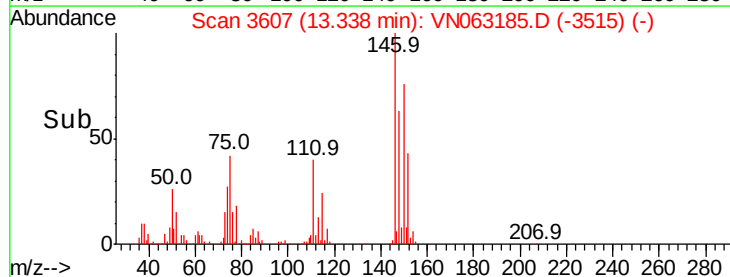
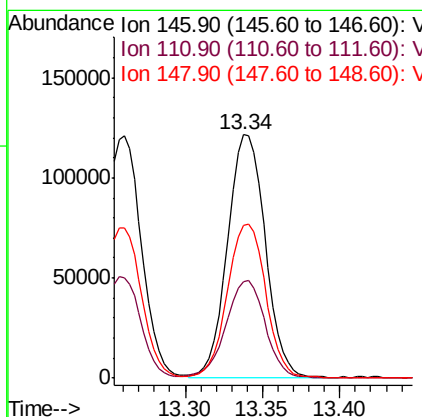
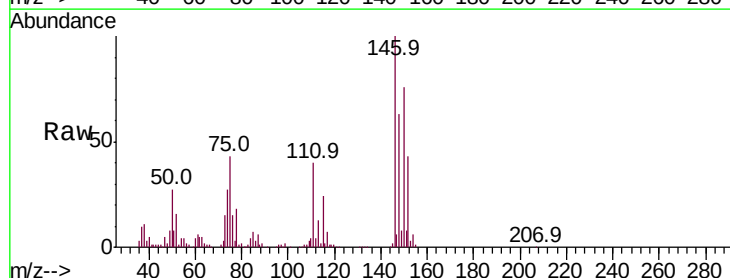
Delta R.T. -0.00 min

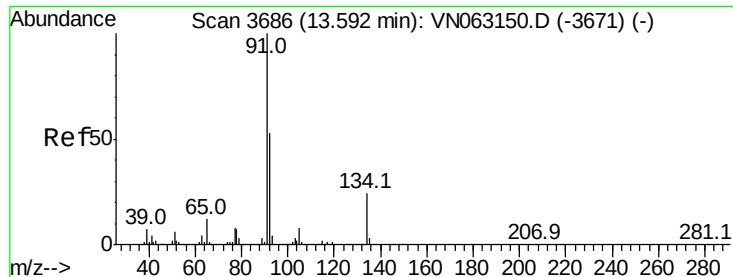
Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Tgt Ion:146 Resp: 204663

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.5	61.5
148	64.6	31.9	95.7

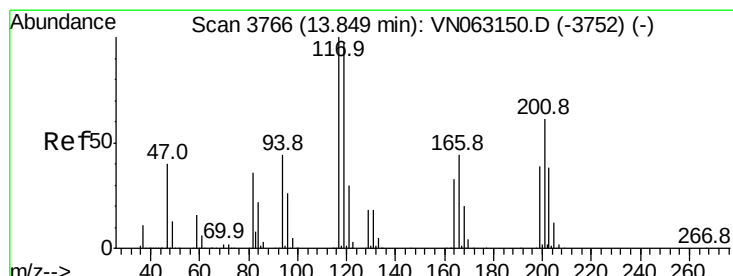
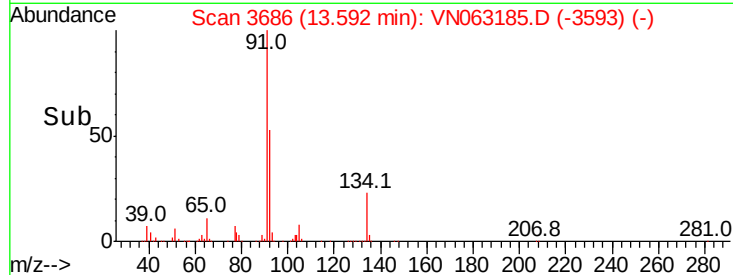
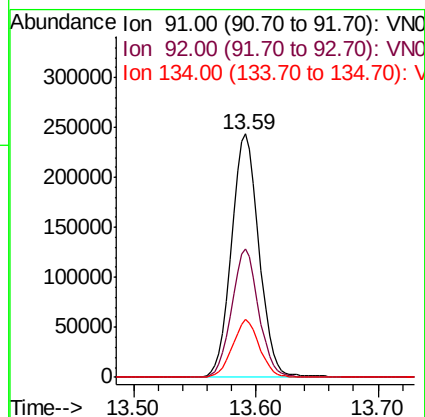
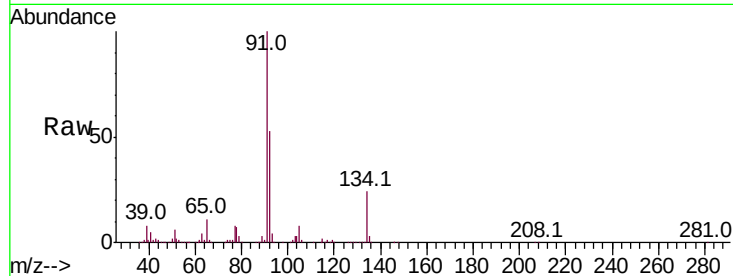




#89
n-Butylbenzene
Concen: 20.904 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

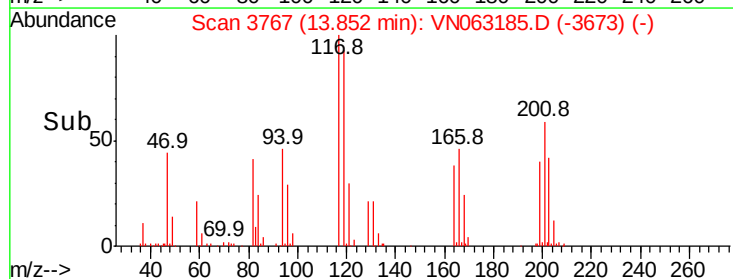
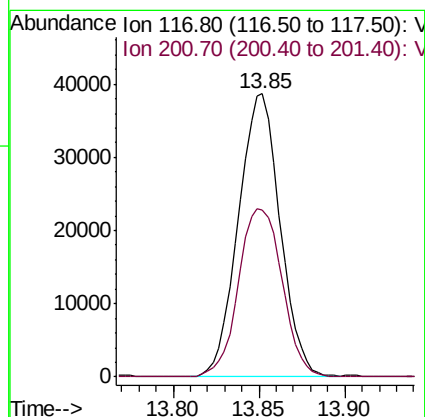
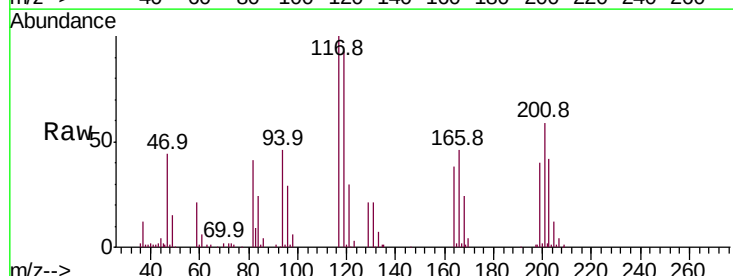
Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

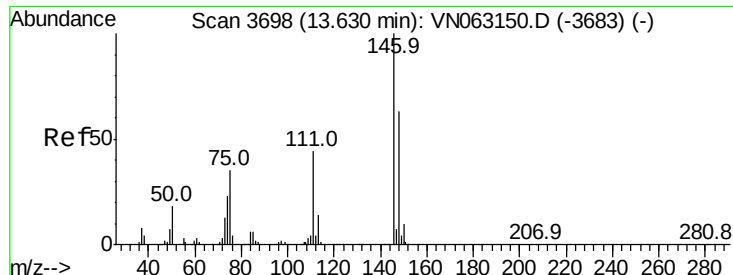
Tot Ion:	91	Resp:	384800
Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.3	78.8
134	23.2	12.0	36.0



#90
Hexachloroethane
Concen: 17.719 ug/l
RT: 13.85 min Scan# 3767
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion:	117	Resp:	65357
Ion	Ratio	Lower	Upper
117	100		
201	62.3	30.6	92.0





#91

1,2-Dichlorobenzene

Concen: 21.478 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

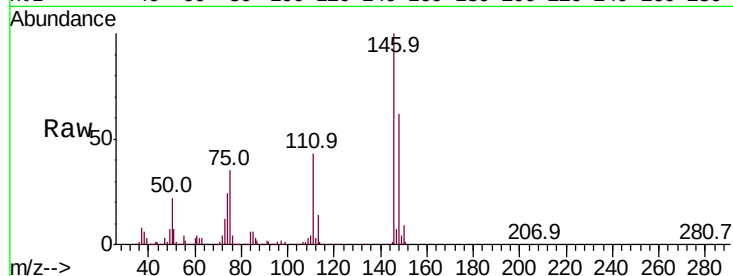
Tot Ion:146 Resp: 208894

Ion Ratio Lower Upper

146 100

111 42.7 22.0 66.0

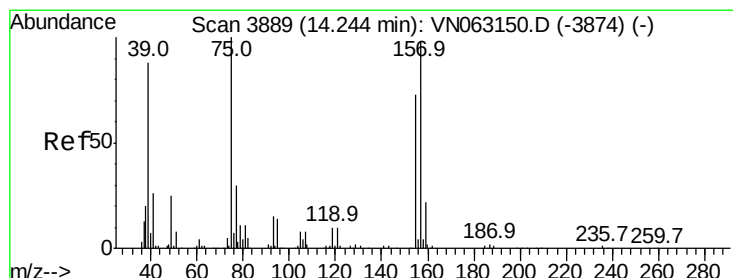
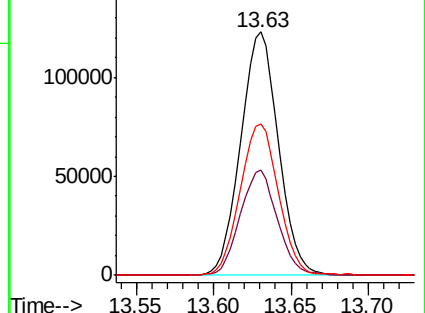
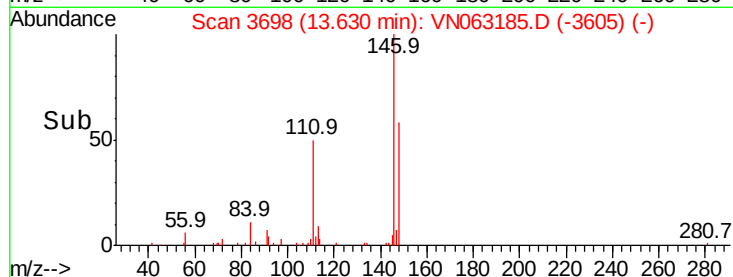
148 62.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.897 ug/l

RT: 14.25 min Scan# 3890

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

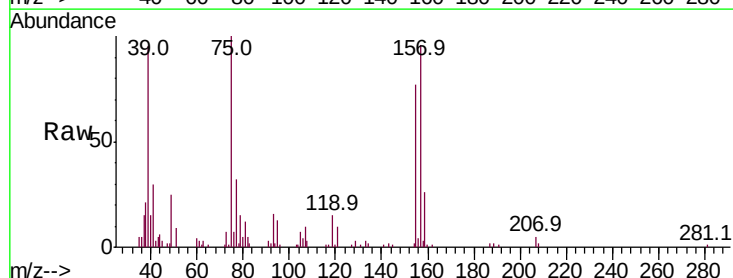
Tgt Ion: 75 Resp: 28895

Ion Ratio Lower Upper

75 100

155 75.0 36.1 108.5

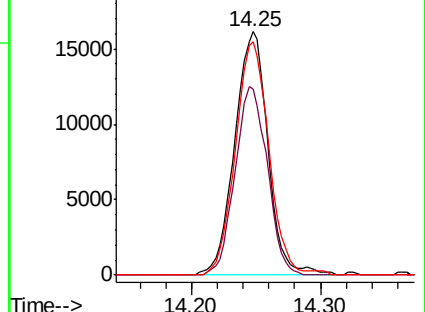
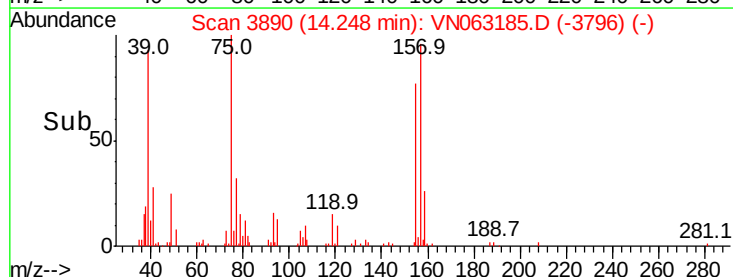
157 96.9 48.4 145.0

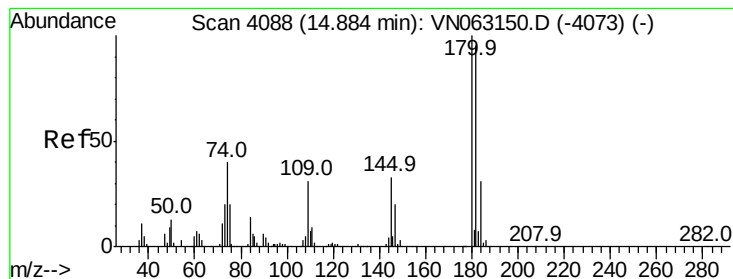


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.576 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

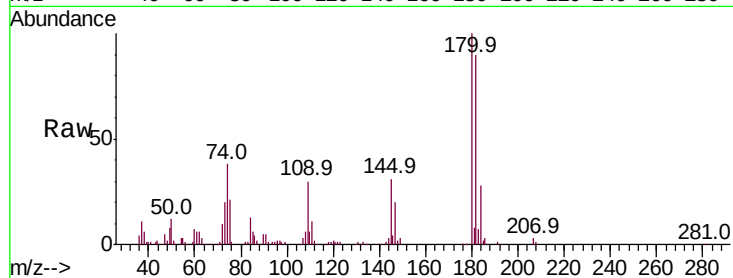
Tot Ion:180 Resp: 111804

Ion Ratio Lower Upper

180 100

182 91.9 47.5 142.5

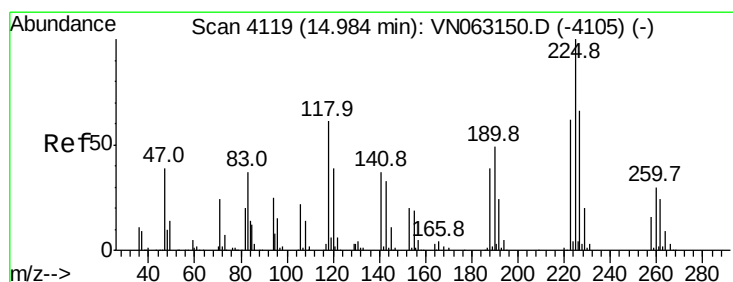
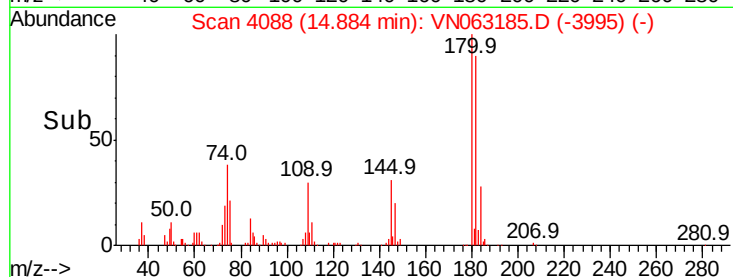
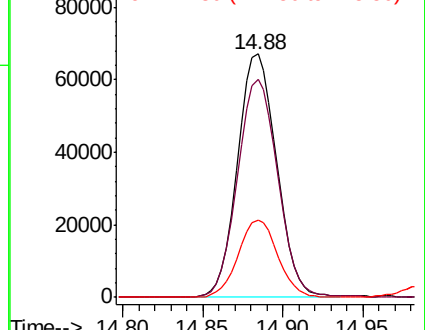
145 32.0 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.952 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

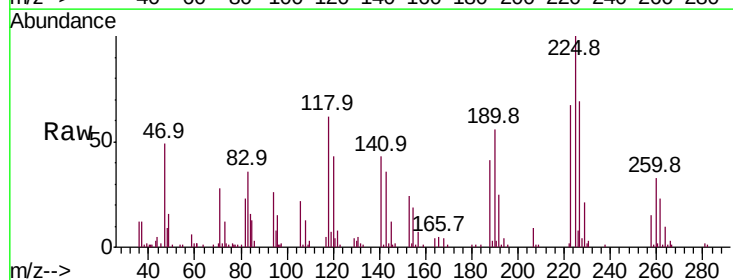
Tgt Ion:225 Resp: 40501

Ion Ratio Lower Upper

225 100

223 65.6 30.9 92.7

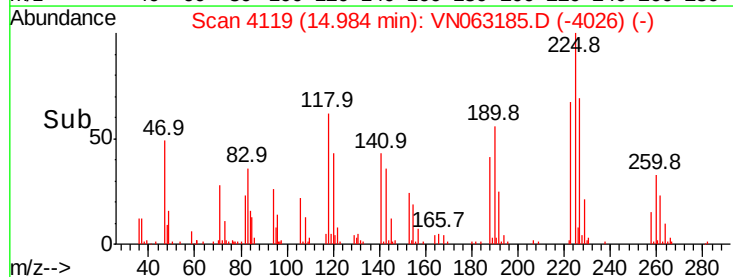
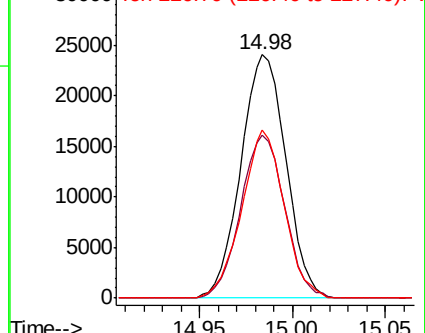
227 64.9 32.9 98.7

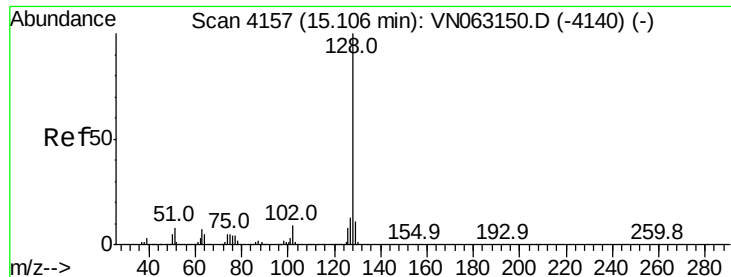


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.553 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

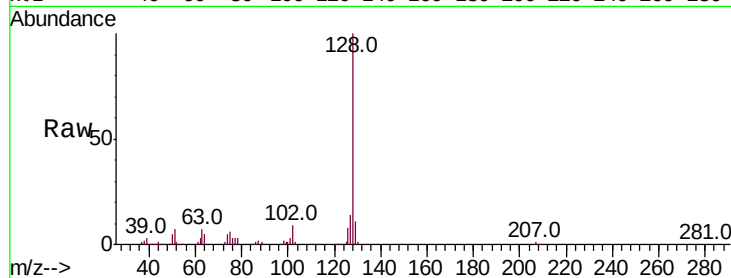
Tot Ion:128 Resp: 336356

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

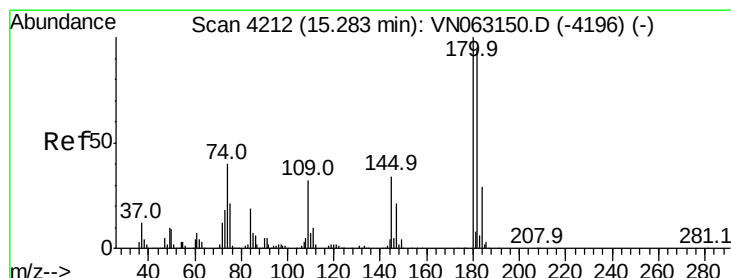
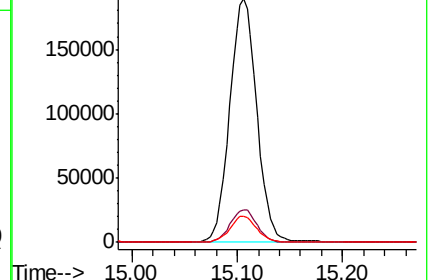
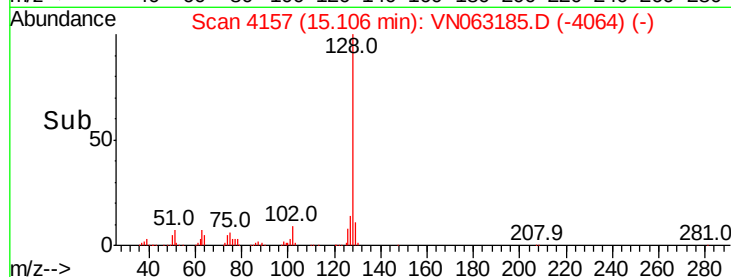
129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.112 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

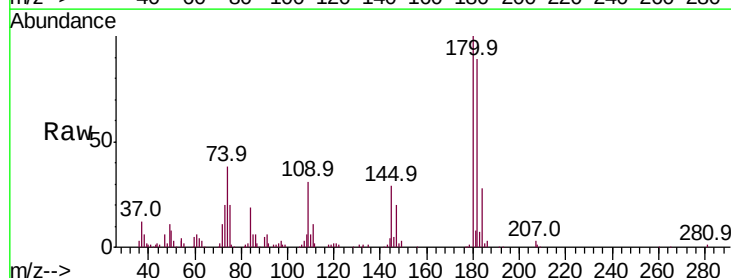
Tgt Ion:180 Resp: 106474

Ion Ratio Lower Upper

180 100

182 91.2 47.5 142.5

145 31.7 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

