

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063793.D
 Acq On : 2 Oct 2020 00:56
 Operator : JC/MD
 Sample : VN1001WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD02

Quant Time: Oct 02 03:51:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	390557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	211518	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	7.55	113	144299	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.06	98	516805	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
62) 4-Bromofluorobenzene	12.38	95	193035	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45323	17.526	ug/l	97
3) Chloromethane	2.04	50	54249	17.878	ug/l	99
4) Vinyl Chloride	2.16	62	56746	18.631	ug/l	95
5) Bromomethane	2.53	94	35460	18.509	ug/l	97
6) Chloroethane	2.67	64	35640	19.582	ug/l	99
7) Trichlorofluoromethane	2.99	101	89157	18.456	ug/l	95
8) Diethyl Ether	3.37	74	31657	19.377	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	44530	17.247	ug/l	99
10) Methyl Iodide	3.91	142	54100	18.046	ug/l	97
11) Tert butyl alcohol	4.73	59	47539	106.348	ug/l	96
12) 1,1-Dichloroethene	3.69	96	45764	18.543	ug/l	92
13) Acrolein	3.58	56	22142	80.706	ug/l	97
14) Allyl chloride	4.28	41	78788	17.184	ug/l	97
15) Acrylonitrile	4.93	53	126846	99.133	ug/l	99
16) Acetone	3.78	43	121546	97.518	ug/l	98
17) Carbon Disulfide	4.01	76	121467	18.655	ug/l	99
18) Methyl Acetate	4.28	43	65893	20.362	ug/l #	75
19) Methyl tert-butyl Ether	4.99	73	171890	19.171	ug/l	100
20) Methylene Chloride	4.50	84	58367	20.503	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	51690	18.699	ug/l	95
22) Diisopropyl ether	5.90	45	189794	20.120	ug/l	96
23) Vinyl Acetate	5.85	43	772778	98.895	ug/l	99
24) 1,1-Dichloroethane	5.80	63	105049	19.476	ug/l	97
25) 2-Butanone	6.78	43	183955	104.102	ug/l	99
26) 2,2-Dichloropropane	6.78	77	72278	14.633	ug/l	97
27) cis-1,2-Dichloroethene	6.79	96	59867	18.831	ug/l	99
28) Bromochloromethane	7.15	49	52906	19.846	ug/l	99
29) Tetrahydrofuran	7.17	42	120908	102.018	ug/l	98
30) Chloroform	7.33	83	108287	19.255	ug/l	93
31) Cyclohexane	7.62	56	79708	16.957	ug/l #	90
32) 1,1,1-Trichloroethane	7.53	97	96767	19.076	ug/l	100
36) 1,1-Dichloropropene	7.75	75	76213	17.501	ug/l	99
37) Ethyl Acetate	6.88	43	77672	17.953	ug/l #	80
38) Carbon Tetrachloride	7.74	117	83750	17.151	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	62541	14.402	ug/l	99
40) Benzene	8.00	78	224792	18.073	ug/l	99
41) Methacrylonitrile	7.16	41	121447	63.160	ug/l #	23
42) 1,2-Dichloroethane	8.08	62	95068	17.906	ug/l	100
43) Isopropyl Acetate	8.13	43	133092	18.650	ug/l #	90
44) Trichloroethene	8.80	130	55601	17.061	ug/l	99
45) 1,2-Dichloropropane	9.09	63	61187	18.215	ug/l	100
46) Dibromomethane	9.17	93	44105	19.033	ug/l	95
47) Bromodichloromethane	9.37	83	86273	18.065	ug/l	99
48) Methyl methacrylate	9.17	41	67890	19.255	ug/l	94
49) 1,4-Dioxane	9.16	88	18101	361.233	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	404779	96.655	ug/l	100
52) Toluene	10.13	92	138247	17.970	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	89535	17.489	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	91694	17.126	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	56571	18.336	ug/l	95
56) Ethyl methacrylate	10.40	69	80229	18.345	ug/l	98
57) 1,3-Dichloropropane	10.68	76	96778	18.541	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	221556	94.709	ug/l	98
59) 2-Hexanone	10.72	43	290637	93.421	ug/l	98
60) Dibromochloromethane	10.87	129	64639	17.990	ug/l	96
61) 1,2-Dibromoethane	10.98	107	58354	18.490	ug/l	99
64) Tetrachloroethene	10.60	164	51788	17.139	ug/l	97
65) Chlorobenzene	11.41	112	144672	18.058	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	56490	18.392	ug/l	99
67) Ethyl Benzene	11.49	91	258945	17.763	ug/l	100
68) m/p-Xylenes	11.59	106	190501	35.062	ug/l	98
69) o-Xylene	11.92	106	92333	18.182	ug/l	99
70) Styrene	11.94	104	156740	18.183	ug/l	99
71) Bromoform	12.10	173	41596	17.708	ug/l #	99
73) Isopropylbenzene	12.23	105	239818	18.566	ug/l	99
74) N-amyl acetate	12.05	43	109953	19.719	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	80033	20.262	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	108014	27.668	ug/l #	100
77) Bromobenzene	12.50	156	60054	18.947	ug/l	95
78) n-propylbenzene	12.57	91	270319	17.982	ug/l	100
79) 2-Chlorotoluene	12.65	91	173487	18.764	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	199074	18.370	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24188	17.845	ug/l	99
82) 4-Chlorotoluene	12.75	91	182824	19.048	ug/l	100
83) tert-Butylbenzene	12.97	119	161856	18.259	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	201925	18.663	ug/l	98
85) sec-Butylbenzene	13.15	105	205230	17.627	ug/l	100
86) p-Isopropyltoluene	13.26	119	182827	17.751	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	105524	18.403	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	104193	17.451	ug/l	95
89) n-Butylbenzene	13.59	91	151399	15.926	ug/l	99
90) Hexachloroethane	13.85	117	35077	17.575	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	106484	18.749	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18077	19.515	ug/l	93

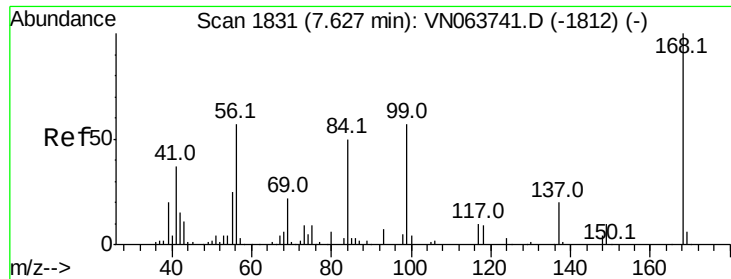
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	50086	17.391	ug/l	99
94) Hexachlorobutadiene	14.98	225	25465	16.581	ug/l	94
95) Naphthalene	15.10	128	164815	18.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	49818	17.678	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

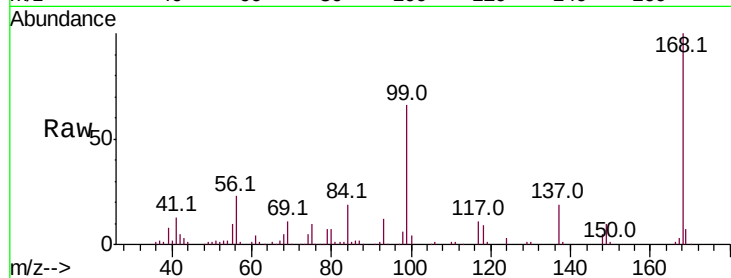
VN1001WBSD02

Tot Ion:168 Resp: 245082

Ion Ratio Lower Upper

168 100

99 65.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

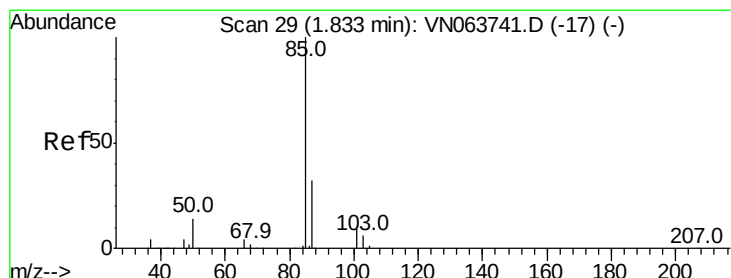
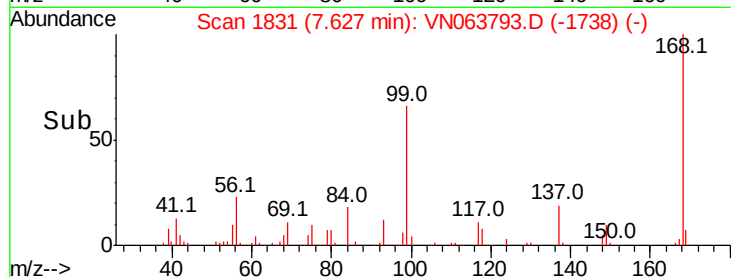
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.526 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063793.D

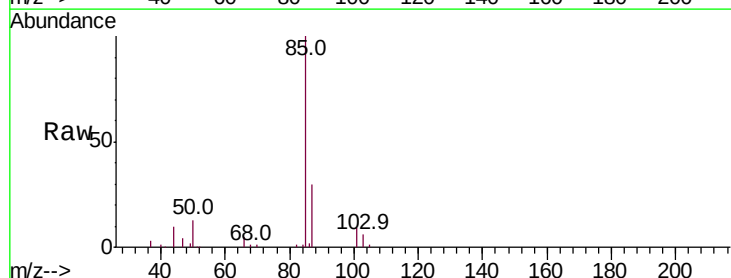
Acq: 2 Oct 2020 00:56

Tgt Ion: 85 Resp: 45323

Ion Ratio Lower Upper

85 100

87 30.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

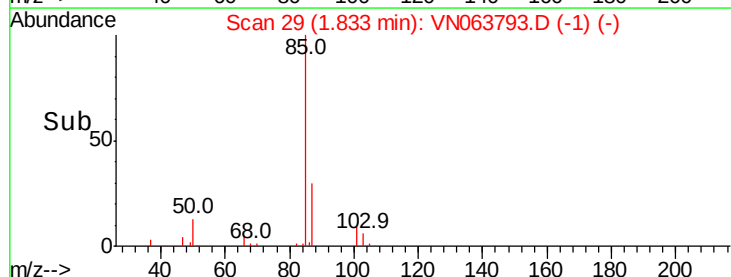
30000

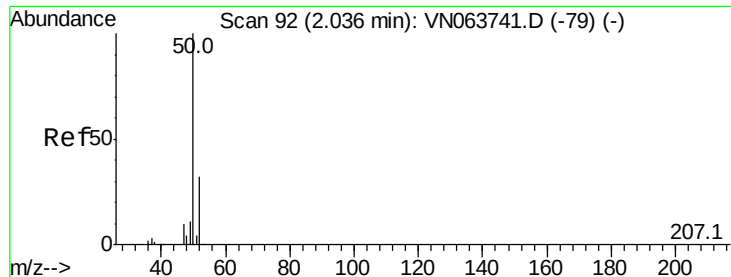
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.878 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

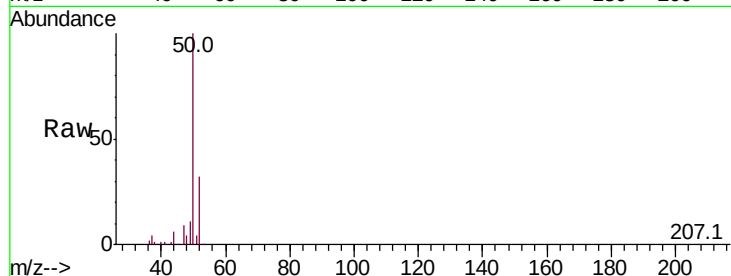
VN1001WBSD02

Tot Ion: 50 Resp: 54249

Ion Ratio Lower Upper

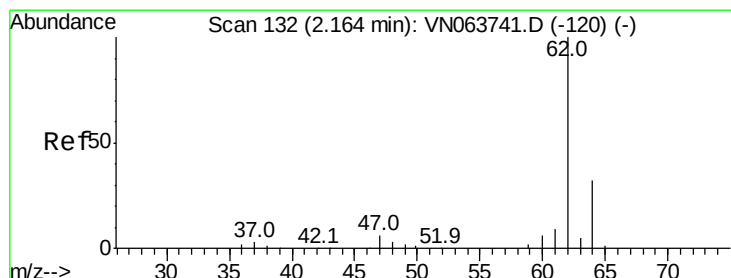
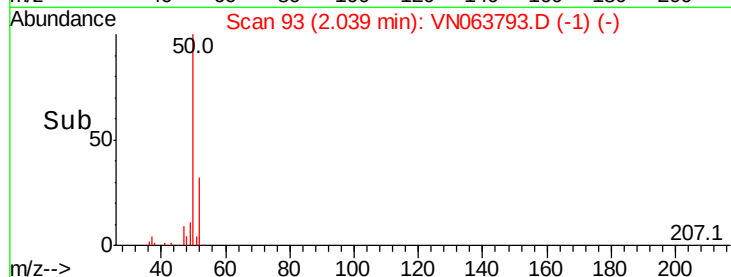
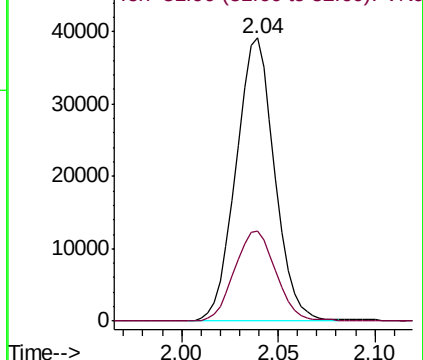
50 100

52 31.8 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 18.631 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063793.D

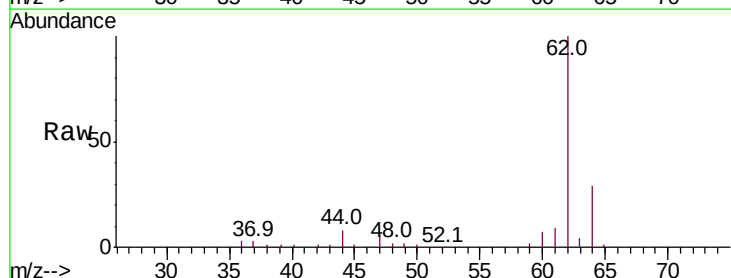
Acq: 2 Oct 2020 00:56

Tgt Ion: 62 Resp: 56746

Ion Ratio Lower Upper

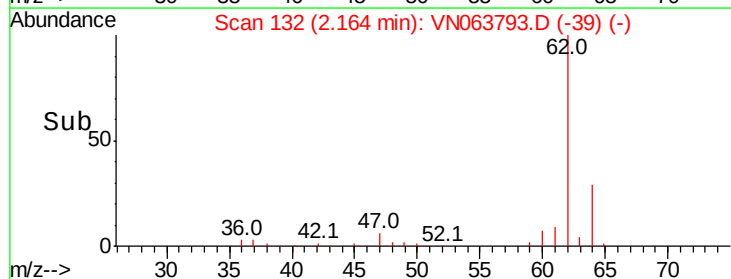
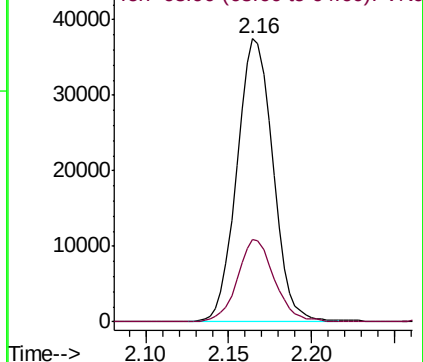
62 100

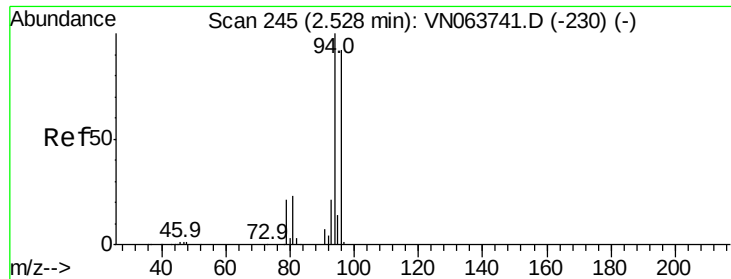
64 29.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 18.509 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

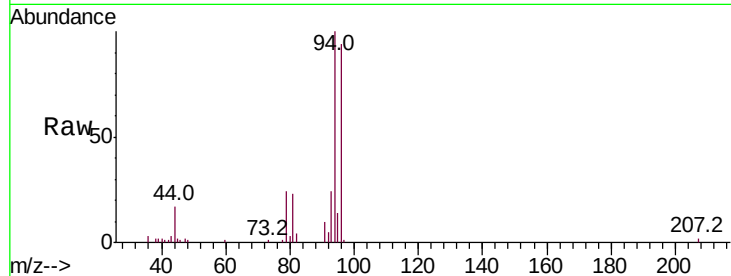
VN1001WBSD02

Tot Ion: 94 Resp: 35460

Ion Ratio Lower Upper

94 100

96 94.1 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN063793.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN063793.D (-152) (-)

20000

15000

10000

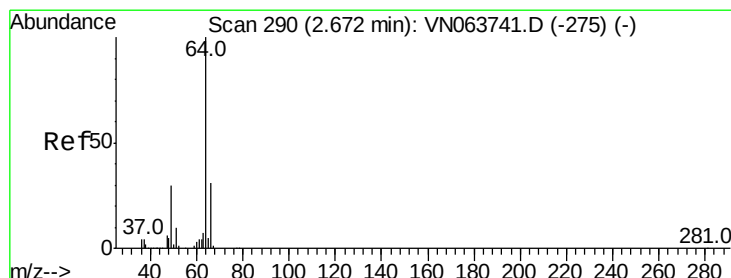
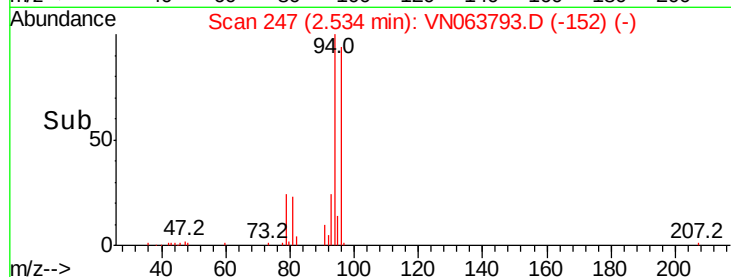
5000

0

Time-->

2.45 2.50 2.55 2.60 2.65

2.53



#6

Chloroethane

Concen: 19.582 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063793.D

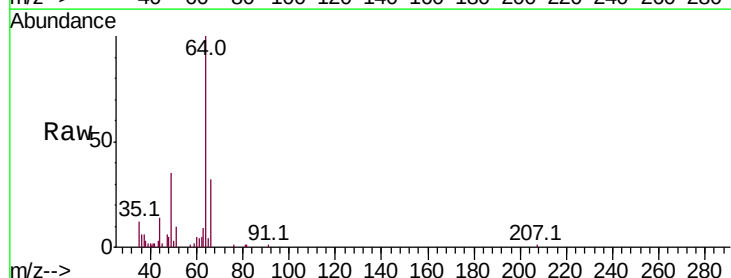
Acq: 2 Oct 2020 00:56

Tgt Ion: 64 Resp: 35640

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN063793.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN063793.D (-197) (-)

20000

15000

10000

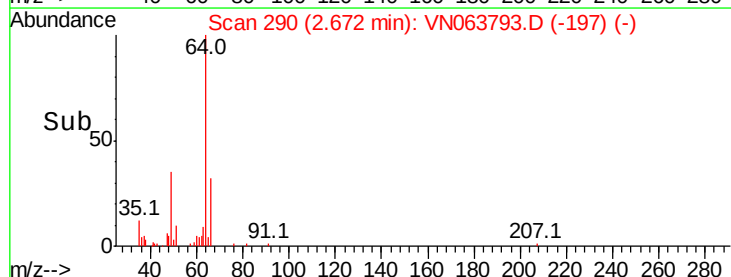
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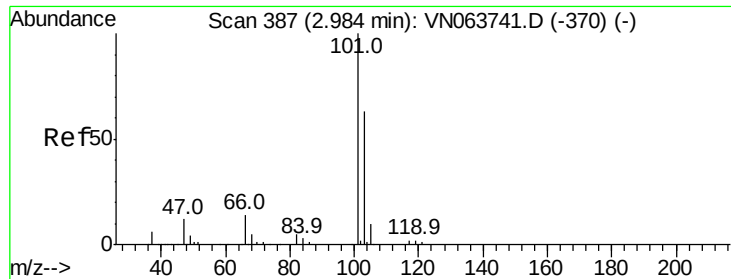
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Time-->

2.60 2.65 2.70 2.75

2.67



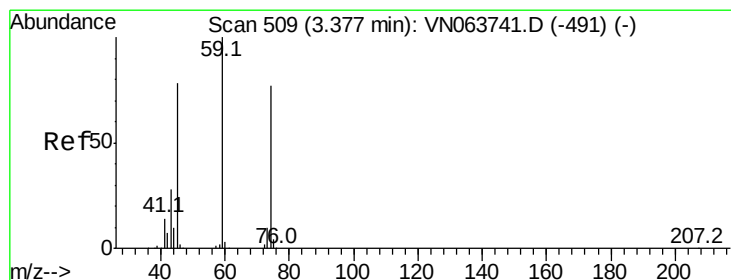
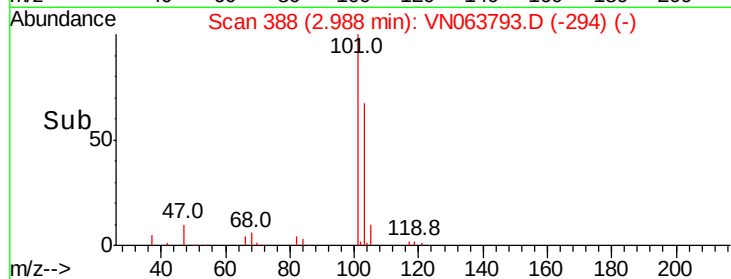
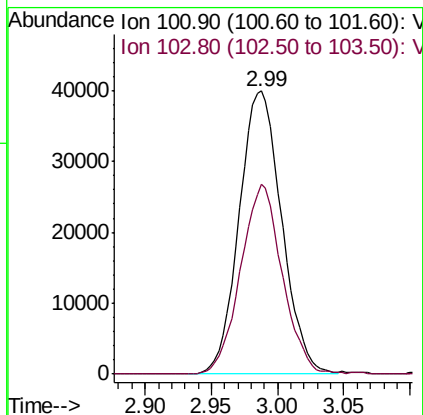
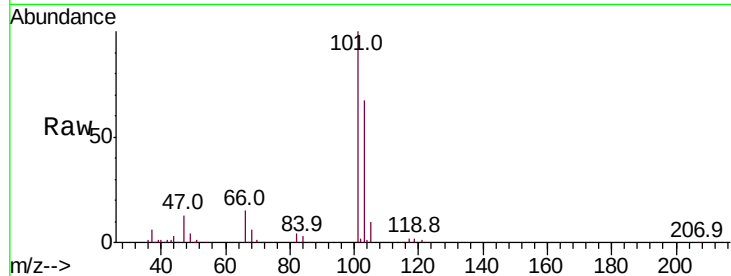


#7

Trichlorofluoromethane
 Concen: 18.456 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Instrument :
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 ClientSampleId :
 VN1001WBSD02

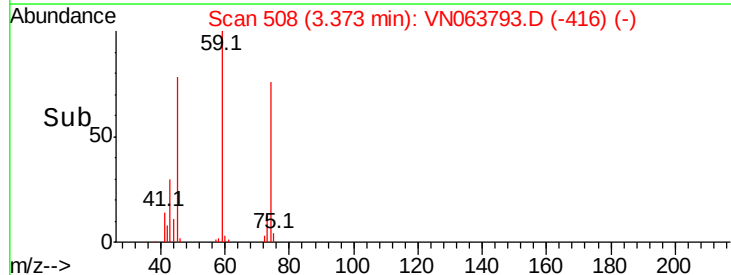
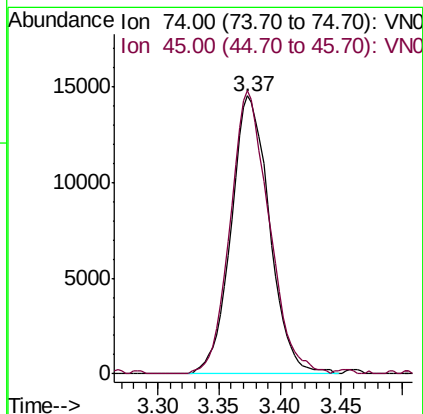
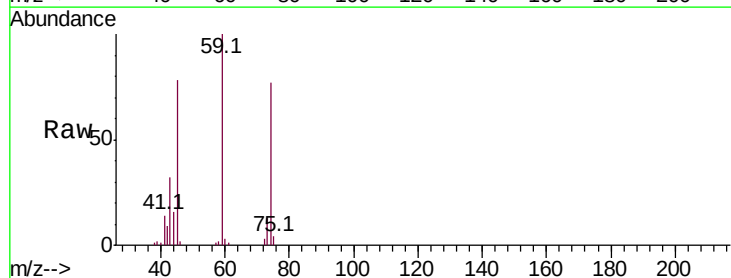
Tot Ion:101 Resp: 89157
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.7 76.1

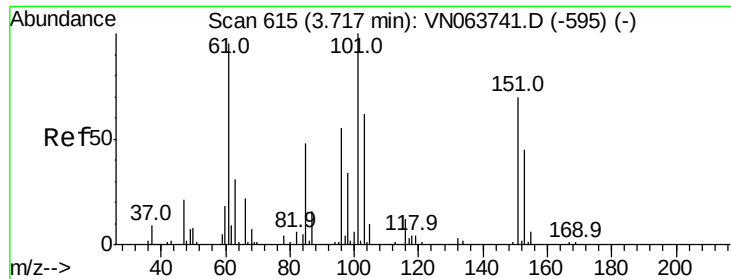


#8

Diethyl Ether
 Concen: 19.377 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Tgt Ion: 74 Resp: 31657
 Ion Ratio Lower Upper
 74 100
 45 103.4 50.9 152.8

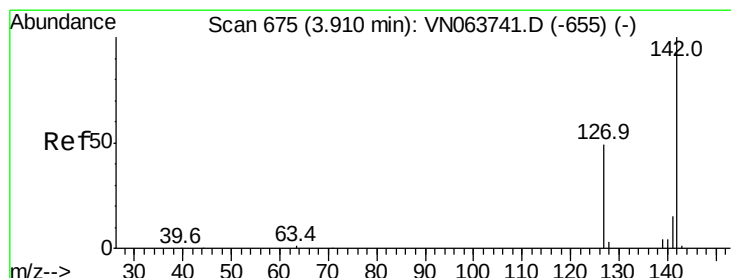
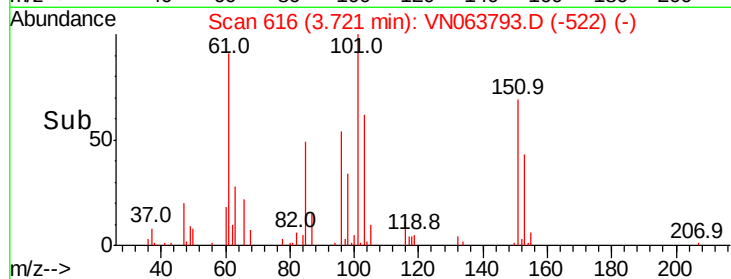
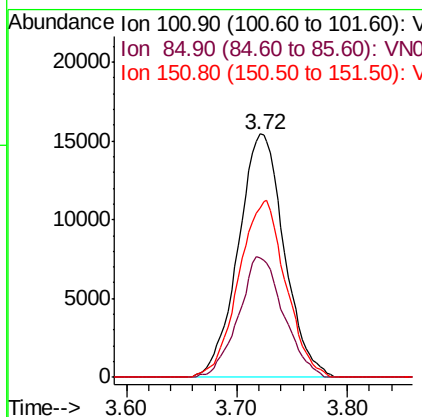
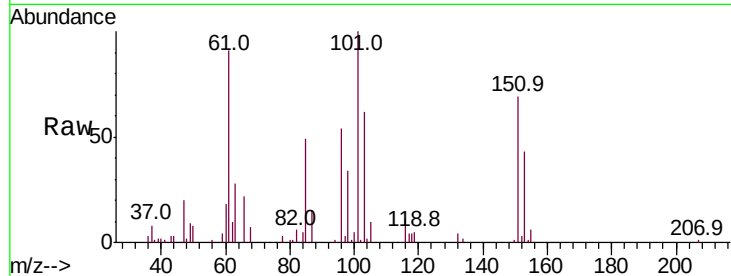




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.247 ug/l
 RT: 3.72 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

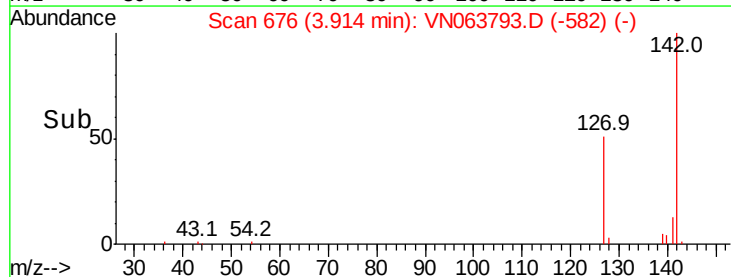
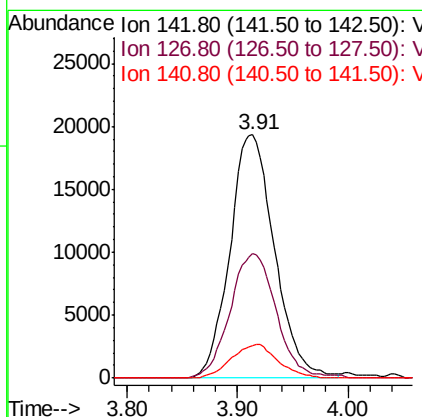
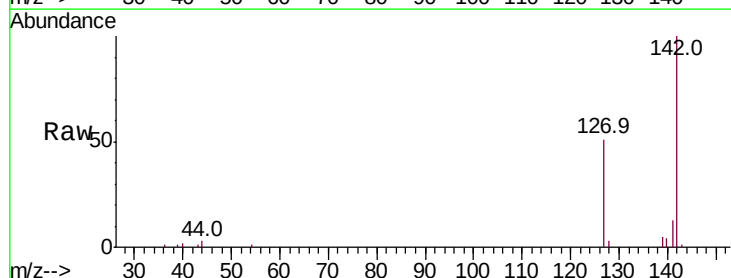
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD02

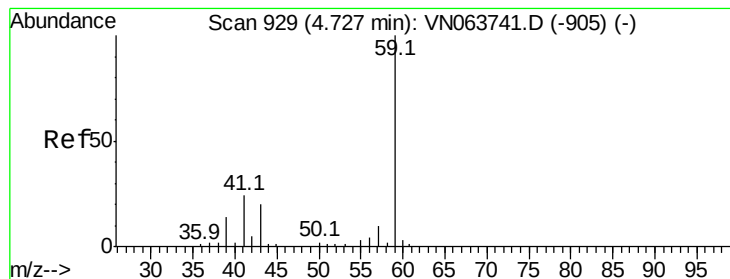
Tot Ion:101 Resp: 44530
 Ion Ratio Lower Upper
 101 100
 85 48.3 38.6 58.0
 151 74.2 58.7 88.1



#10
 Methyl Iodide
 Concen: 18.046 ug/l
 RT: 3.91 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Tgt Ion:142 Resp: 54100
 Ion Ratio Lower Upper
 142 100
 127 53.1 40.5 60.7
 141 14.5 11.7 17.5



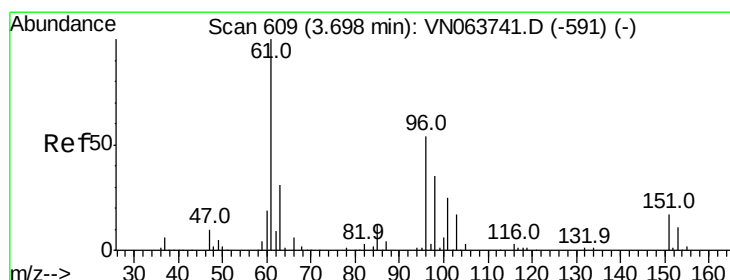
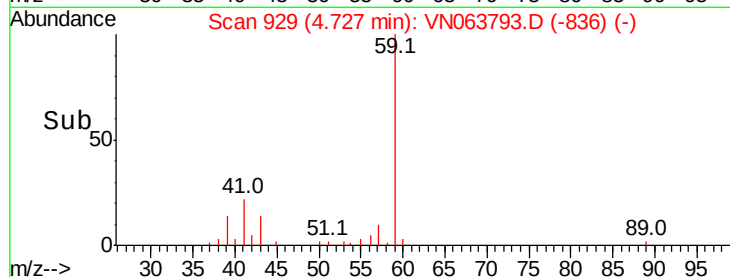
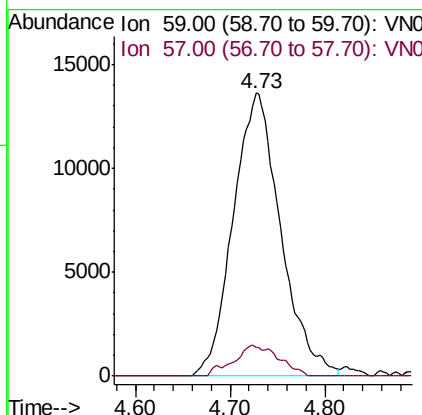
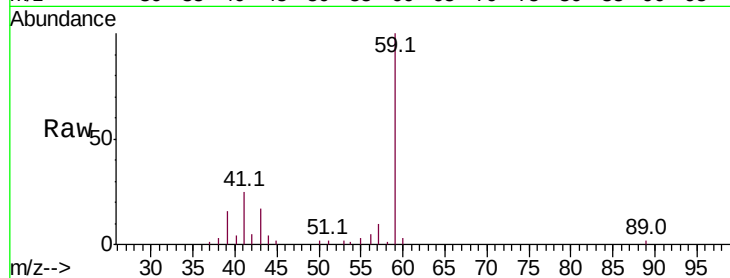


#11

Tert butyl alcohol
 Concen: 106.348 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD02

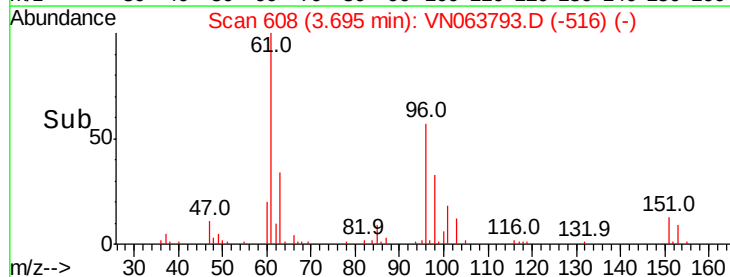
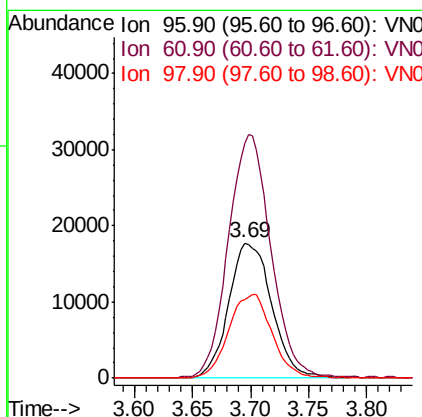
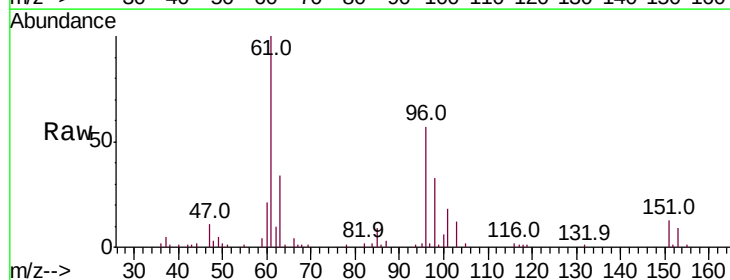
Tot Ion: 59 Resp: 47539
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.7 13.1

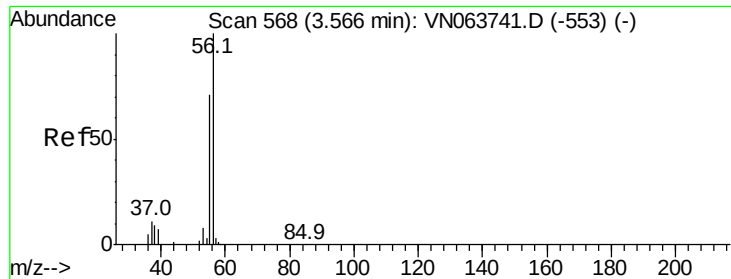


#12

1,1-Dichloroethene
 Concen: 18.543 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Tgt Ion: 96 Resp: 45764
 Ion Ratio Lower Upper
 96 100
 61 173.1 147.7 221.5
 98 58.1 51.9 77.9





#13

Acrolein

Concen: 80.706 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

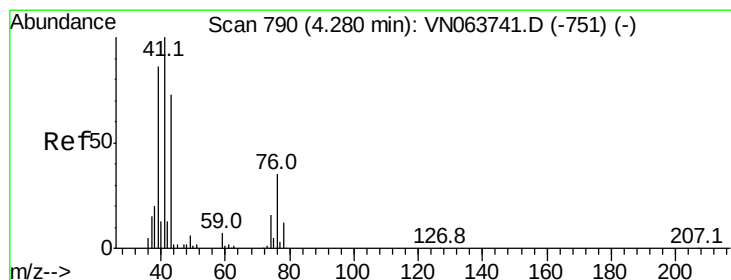
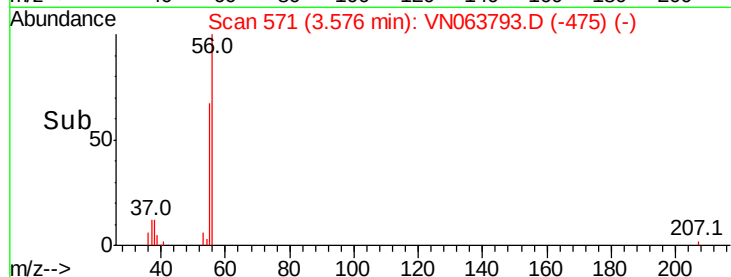
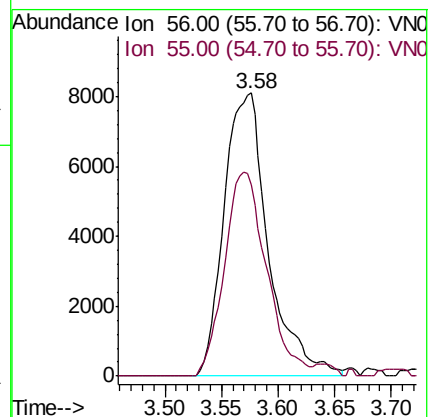
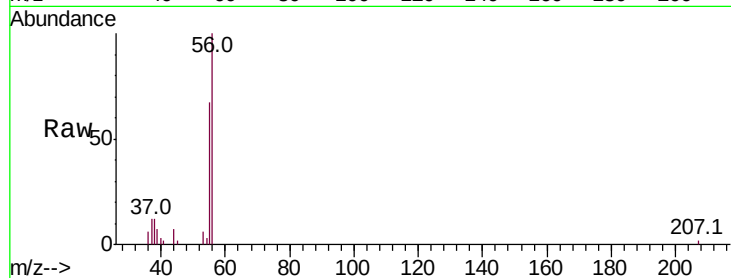
VN1001WBSD02

Tot Ion: 56 Resp: 22142

Ion Ratio Lower Upper

56 100

55 68.3 56.9 85.3



#14

Allyl chloride

Concen: 17.184 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

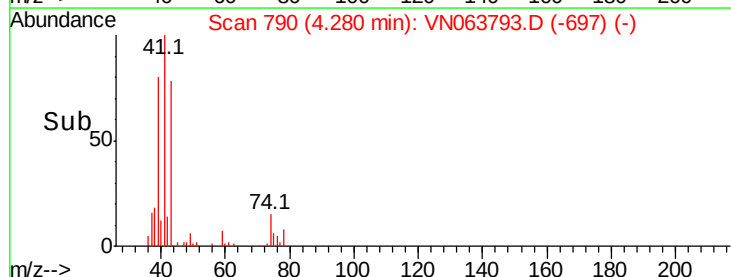
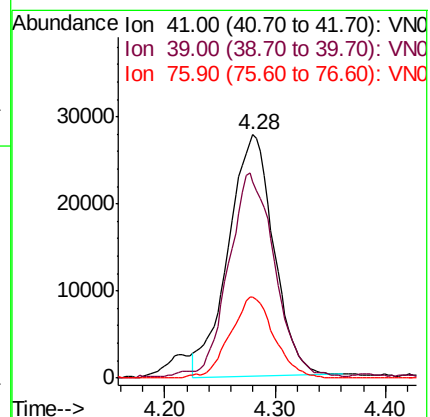
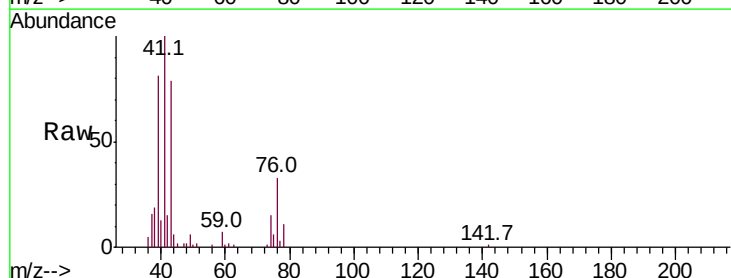
Tgt Ion: 41 Resp: 78788

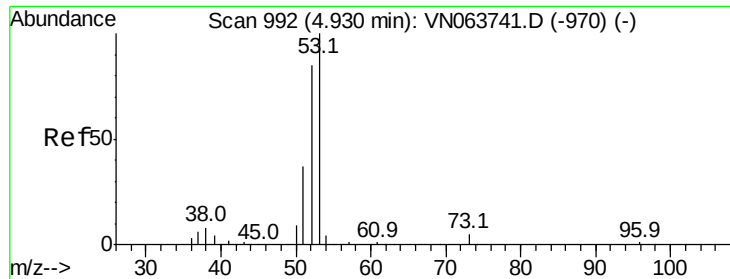
Ion Ratio Lower Upper

41 100

39 83.9 64.5 96.7

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 99.133 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

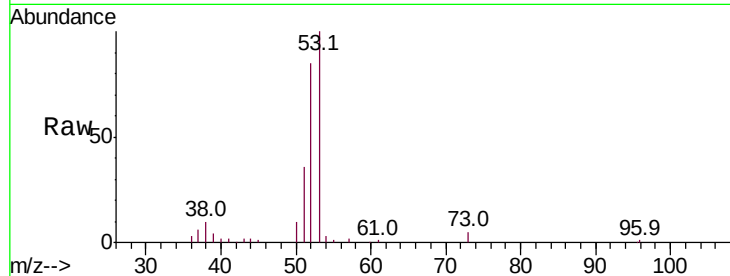
Tot Ion: 53 Resp: 126846

Ion Ratio Lower Upper

53 100

52 84.2 66.5 99.7

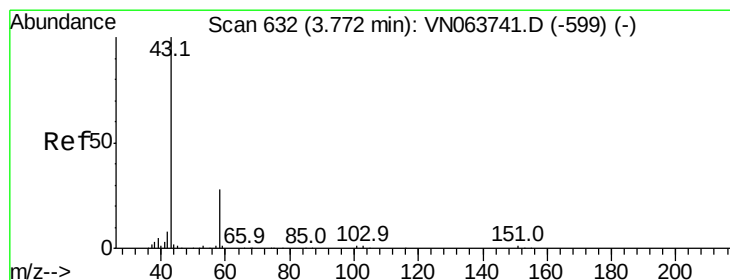
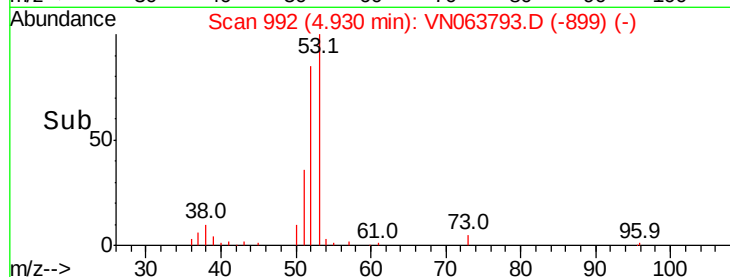
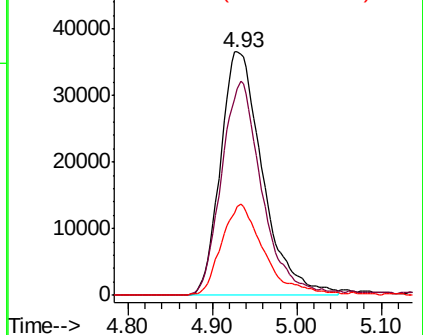
51 38.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063741.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063741.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063741.D (-970) (-)



#16

Acetone

Concen: 97.518 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063793.D

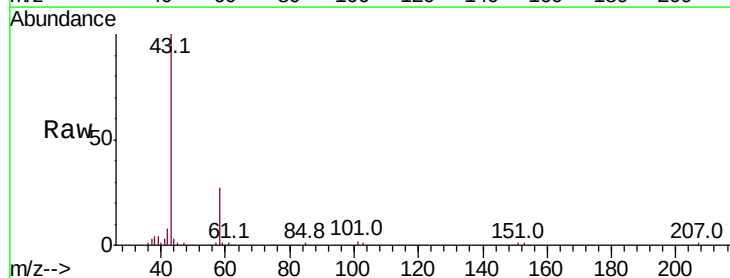
Acq: 2 Oct 2020 00:56

Tgt Ion: 43 Resp: 121546

Ion Ratio Lower Upper

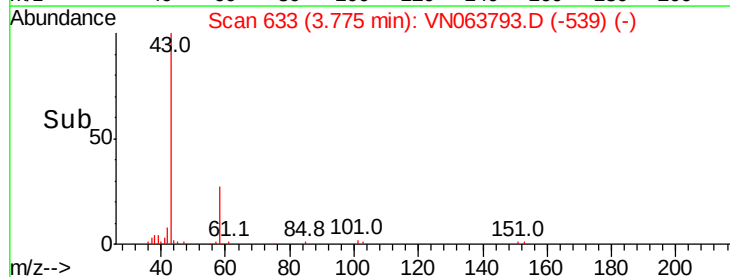
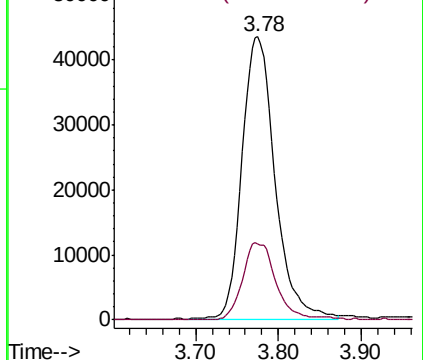
43 100

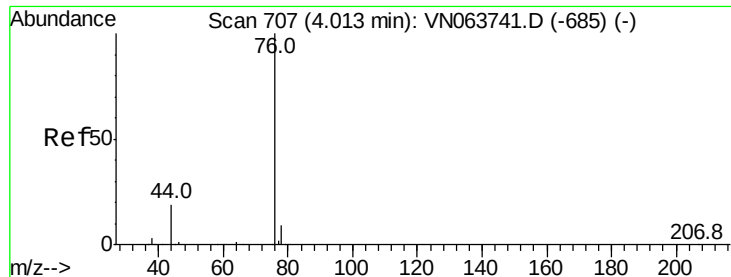
58 26.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)

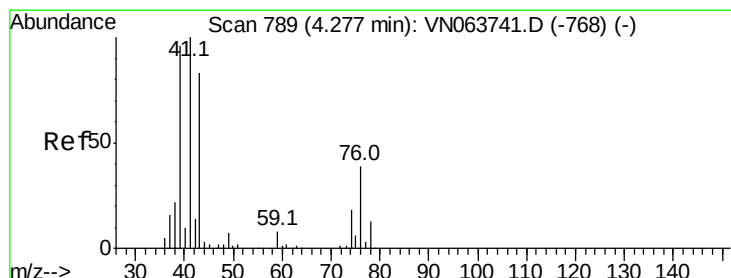
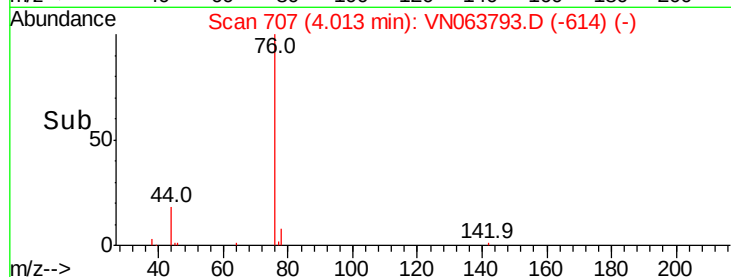
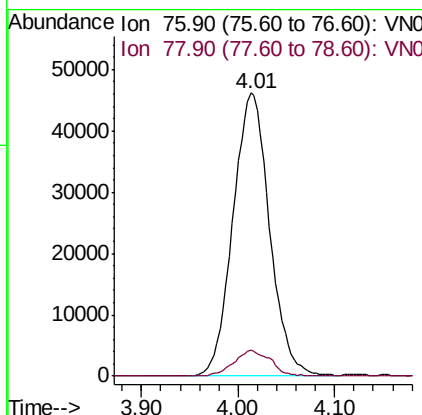
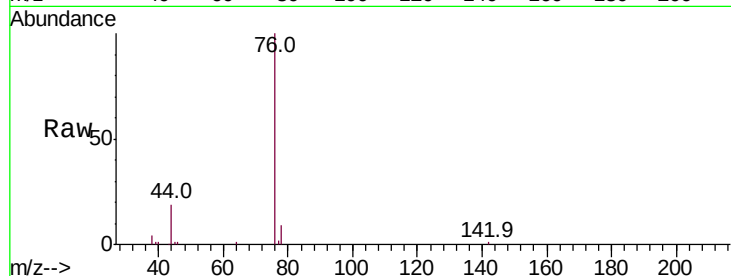




#17
Carbon Disulfide
Concen: 18.655 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

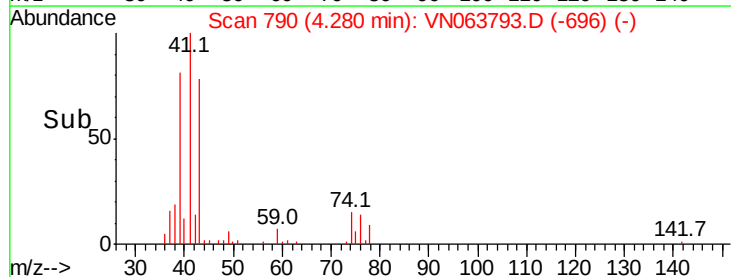
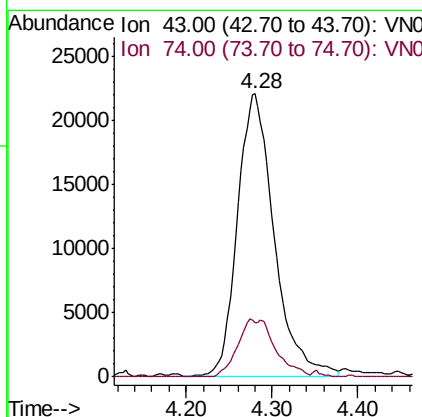
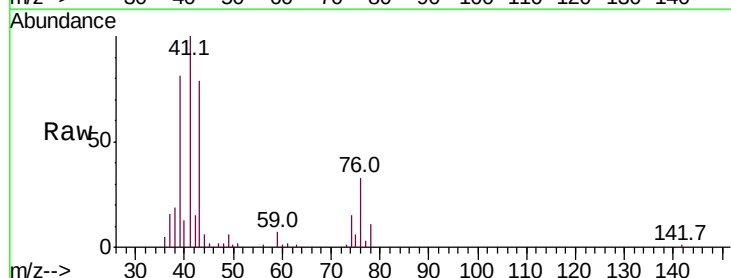
Instrument :
MSVOA_N
ClientSampled :
VN1001WBSD02

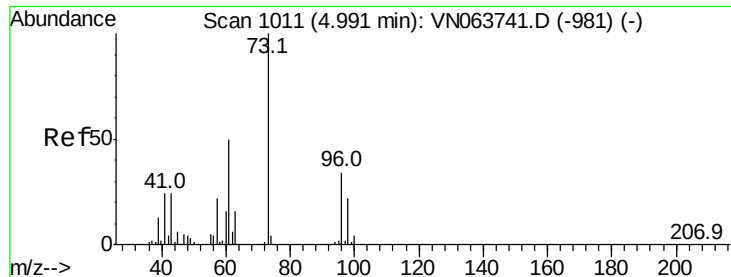
Tot Ion: 76 Resp: 121467
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 20.362 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

Tgt Ion: 43 Resp: 65893
Ion Ratio Lower Upper
43 100
74 10.0 17.4 26.2#





#19

Methvl tert-butvl Ether

Concen: 19.171 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

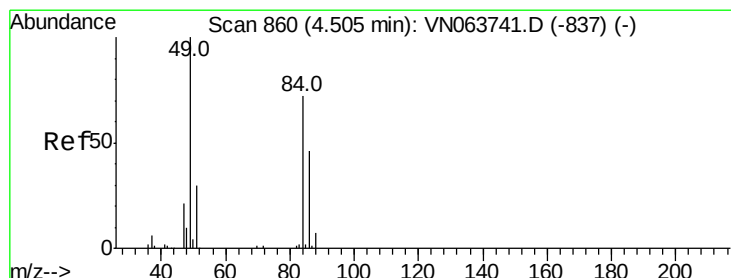
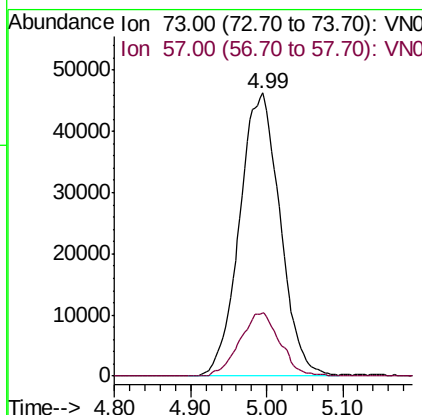
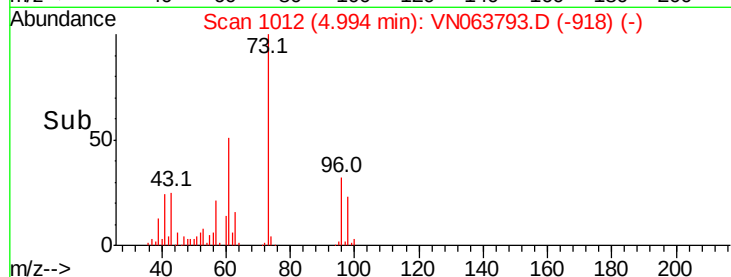
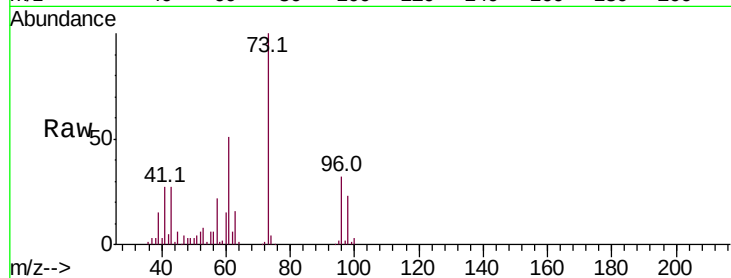
VN1001WBSD02

Tot Ion: 73 Resp: 171890

Ion Ratio Lower Upper

73 100

57 22.2 17.6 26.4



#20

Methylene Chloride

Concen: 20.503 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Tgt Ion: 84 Resp: 58367

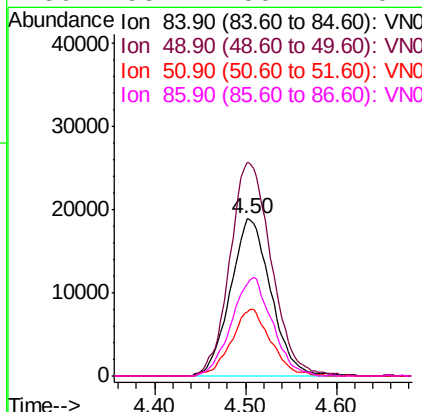
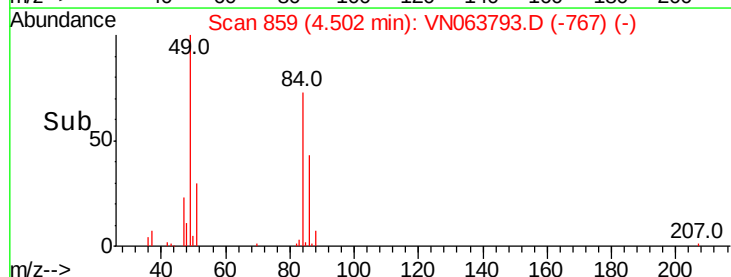
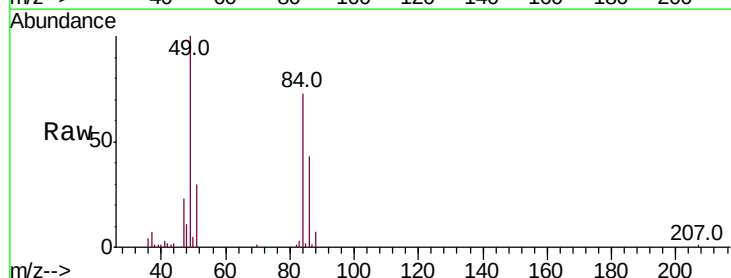
Ion Ratio Lower Upper

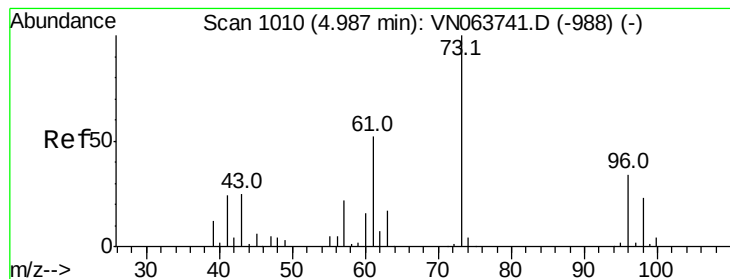
84 100

49 136.2 110.4 165.6

51 41.2 33.3 49.9

86 58.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 18.699 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

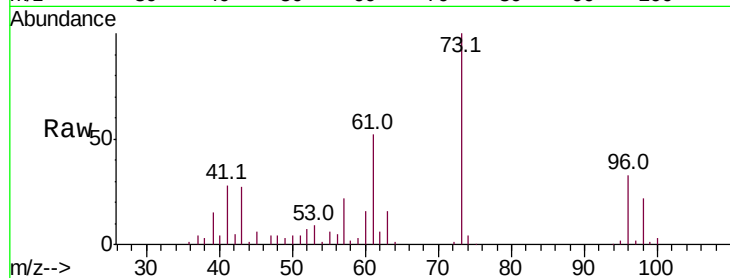
Tot Ion: 96 Resp: 51690

Ion Ratio Lower Upper

96 100

61 158.7 120.2 180.2

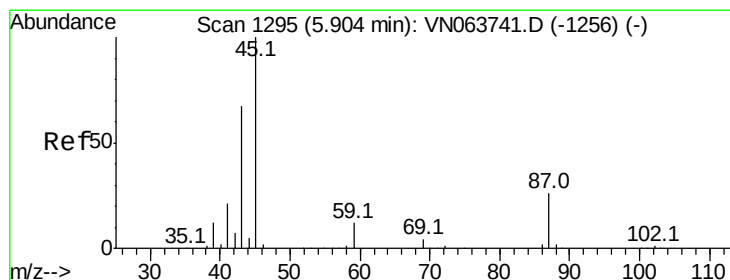
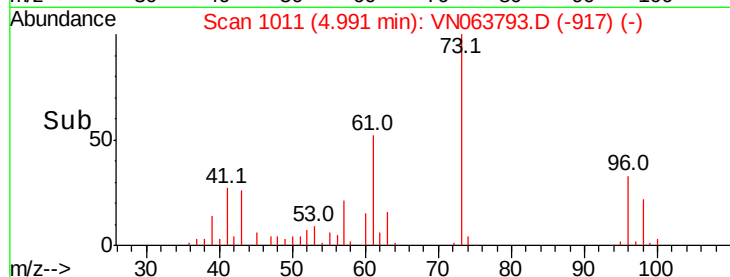
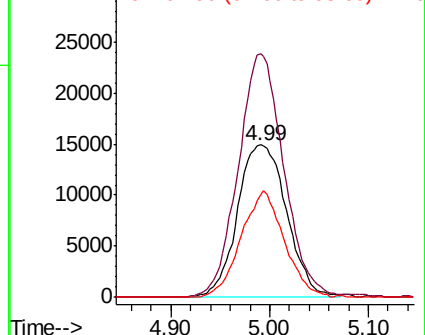
98 67.8 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-988) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-988) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-988) (-)



#22

Diisopropyl ether

Concen: 20.120 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Tgt Ion: 45 Resp: 189794

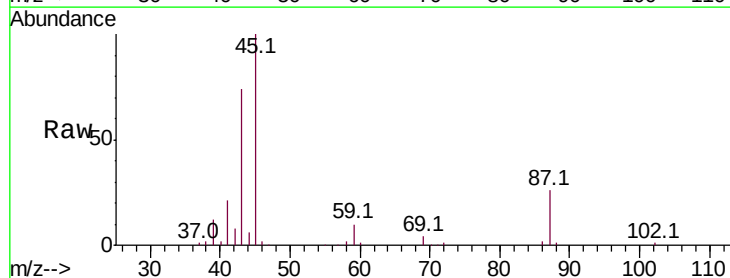
Ion Ratio Lower Upper

45 100

43 70.7 53.7 80.5

87 25.5 21.1 31.7

59 10.0 9.2 13.8

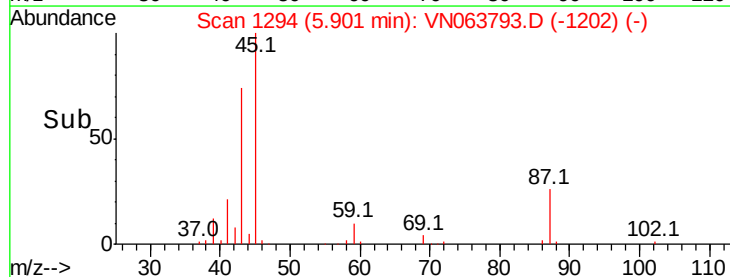
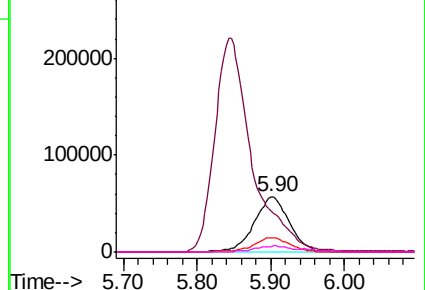


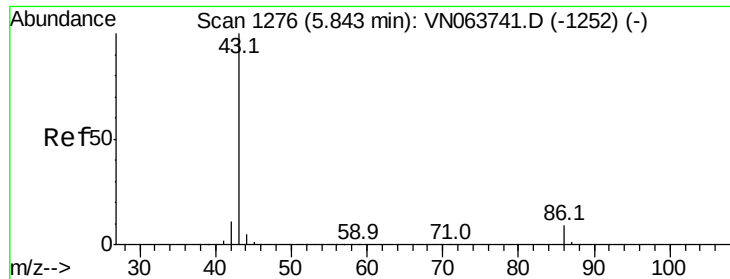
Abundance Ion 45.00 (44.70 to 45.70): VN063741.D (-1256) (-)

Ion 43.00 (42.70 to 43.70): VN063741.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN063741.D (-1256) (-)

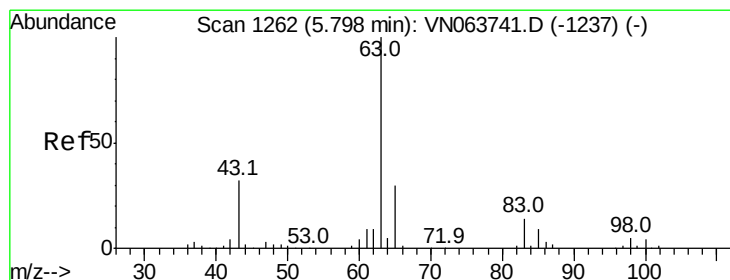
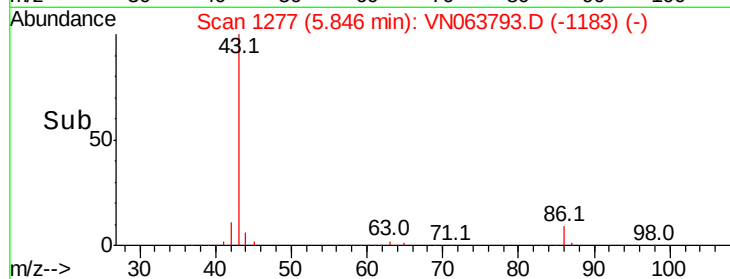
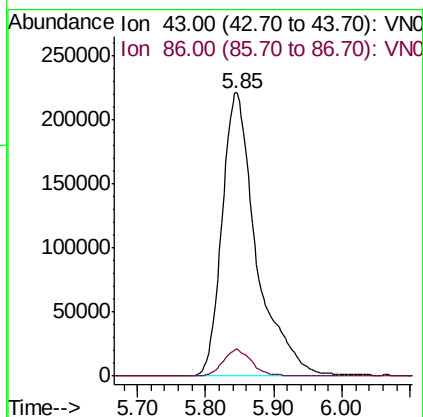
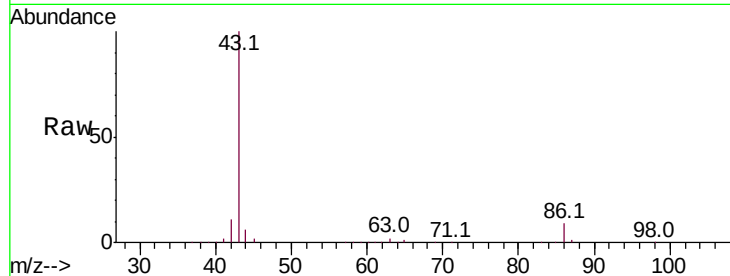




#23
 Vinyl Acetate
 Concen: 98.895 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

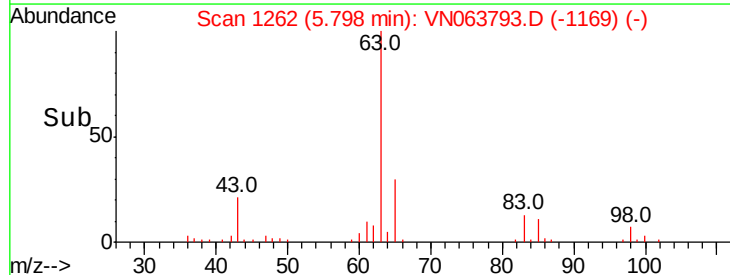
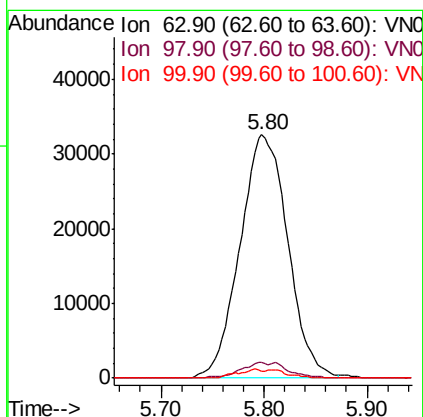
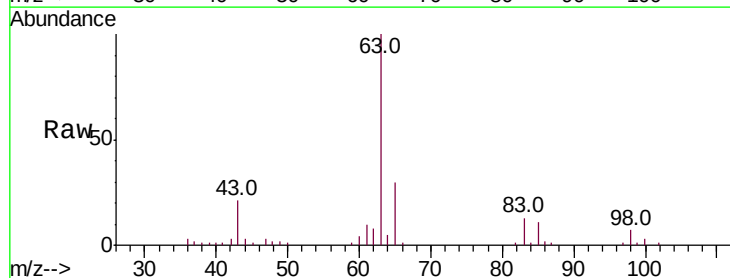
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD02

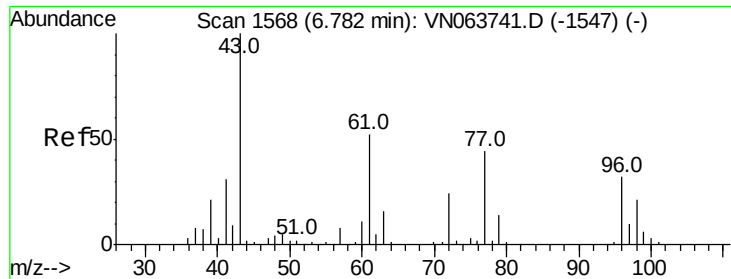
Tot Ion: 43 Resp: 772778
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.476 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Tgt Ion: 63 Resp: 105049
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.7 8.1
 100 2.9 1.9 5.7

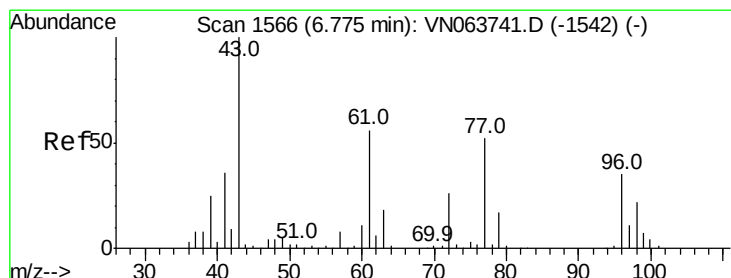
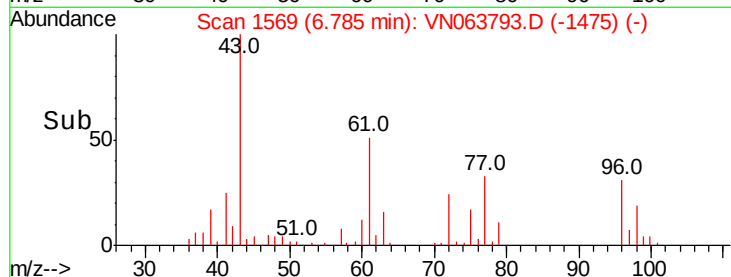
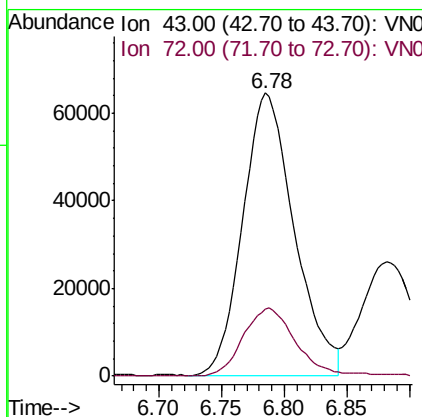
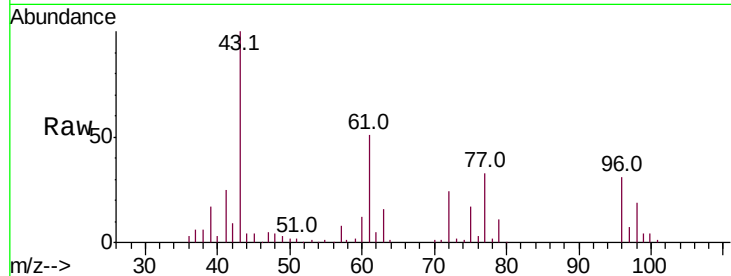




#25
2-Butanone
Concen: 104.102 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

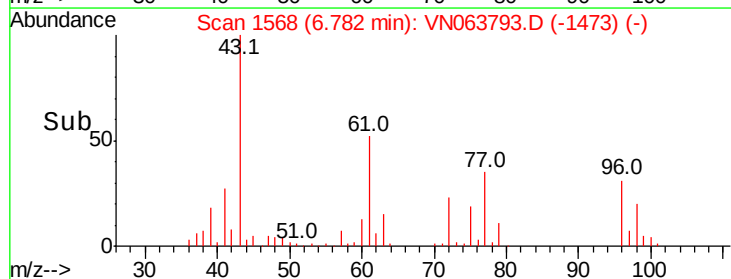
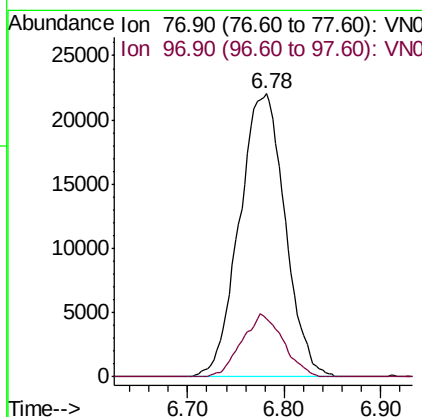
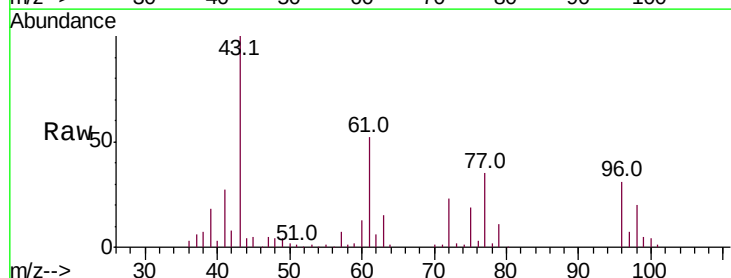
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD02

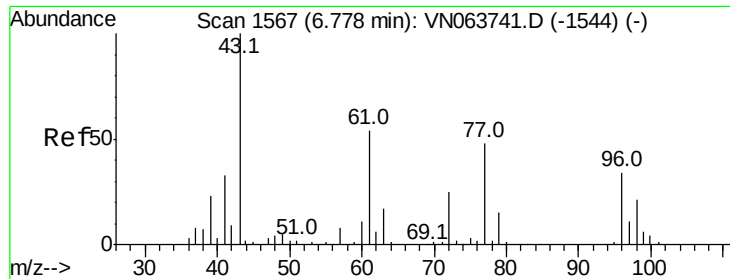
Tot Ion: 43 Resp: 183955
Ion Ratio Lower Upper
43 100
72 23.7 19.3 28.9



#26
2,2-Dichloropropane
Concen: 14.633 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

Tgt Ion: 77 Resp: 72278
Ion Ratio Lower Upper
77 100
97 20.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.831 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

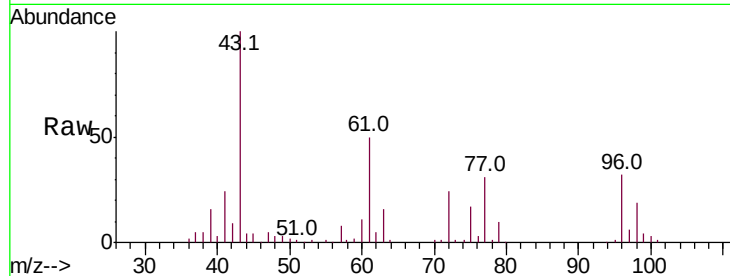
Tot Ion: 96 Resp: 59867

Ion Ratio Lower Upper

96 100

61 161.1 0.0 321.2

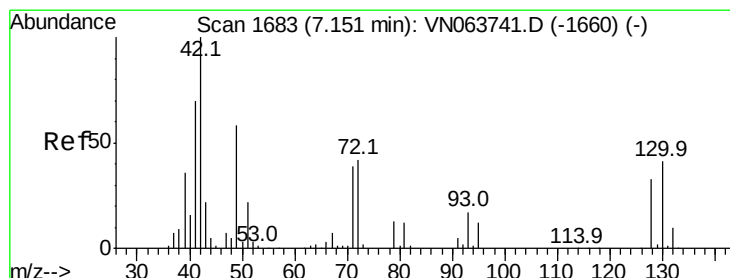
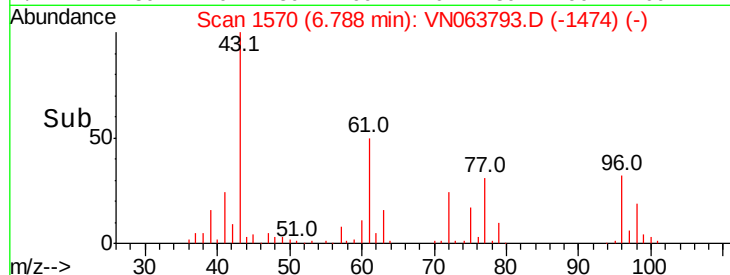
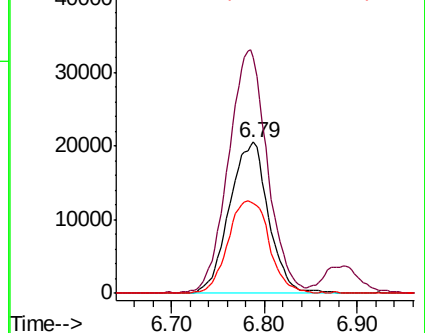
98 64.5 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1544) (-)



#28

Bromochloromethane

Concen: 19.846 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

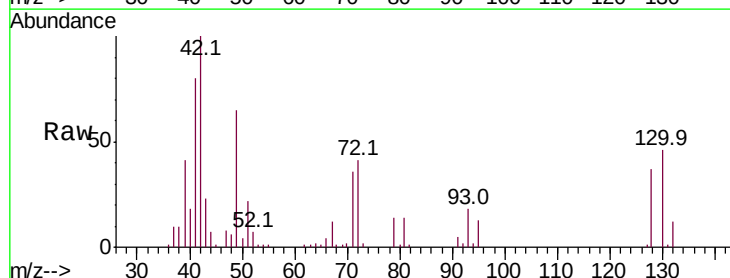
Tgt Ion: 49 Resp: 52906

Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.8

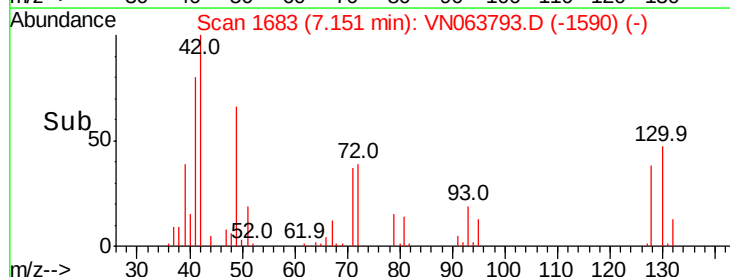
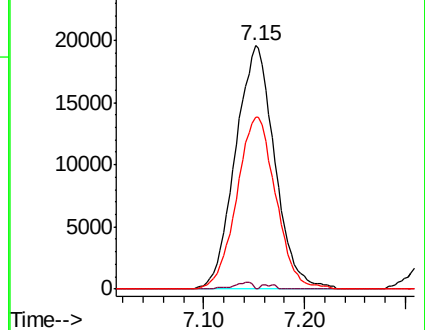
130 70.1 55.6 83.4

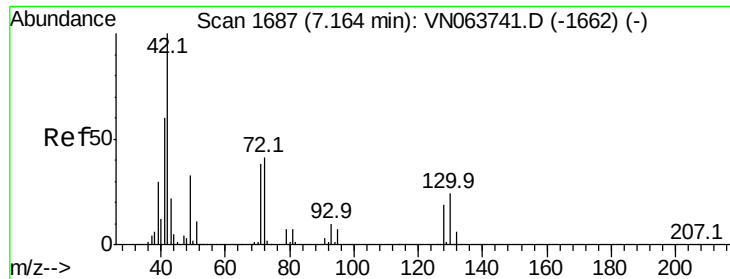


Abundance Ion 48.90 (48.60 to 49.60): VN063741.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063741.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063741.D (-1660) (-)

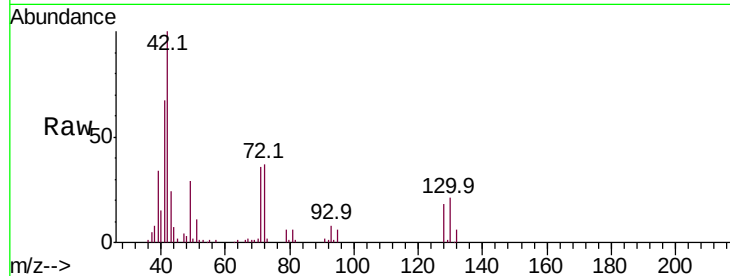




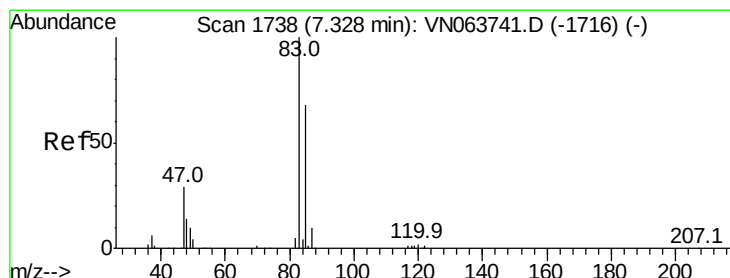
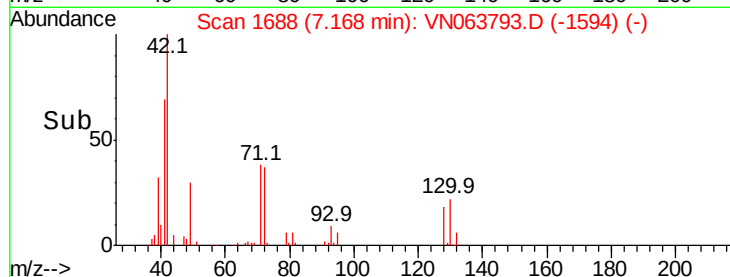
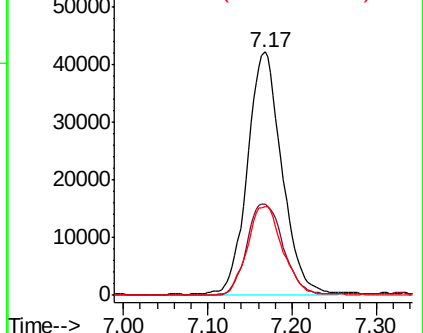
#29
Tetrahydrofuran
Concen: 102.018 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD02

Tot Ion: 42 Resp: 120908
Ion Ratio Lower Upper
42 100
72 39.7 32.8 49.2
71 37.2 30.6 45.8

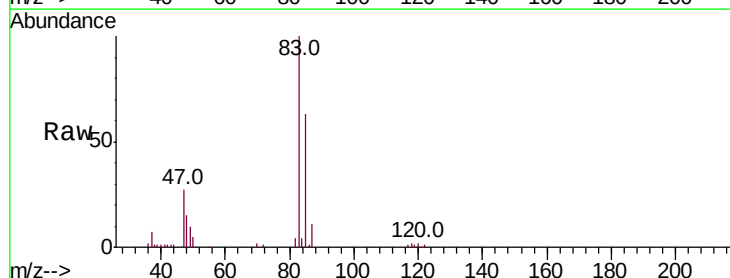


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

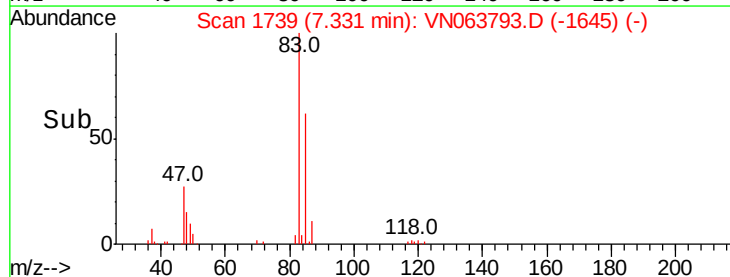
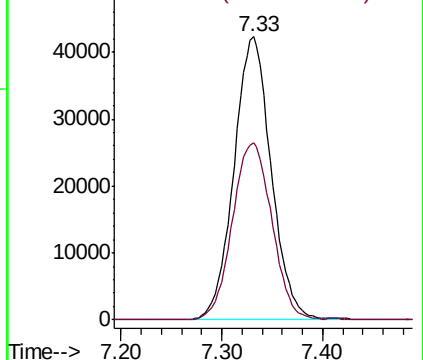


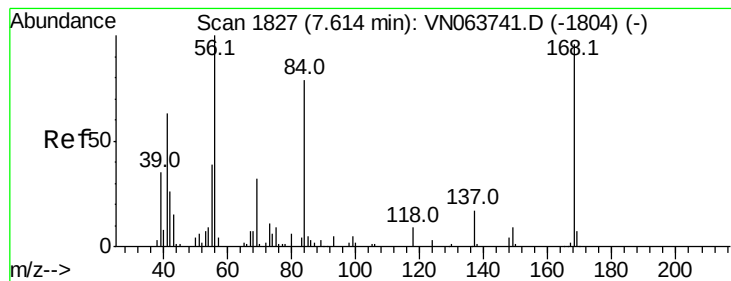
#30
Chloroform
Concen: 19.255 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

Tgt Ion: 83 Resp: 108287
Ion Ratio Lower Upper
83 100
85 62.8 54.6 82.0



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





#31

Cyclohexane

Concen: 16.957 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

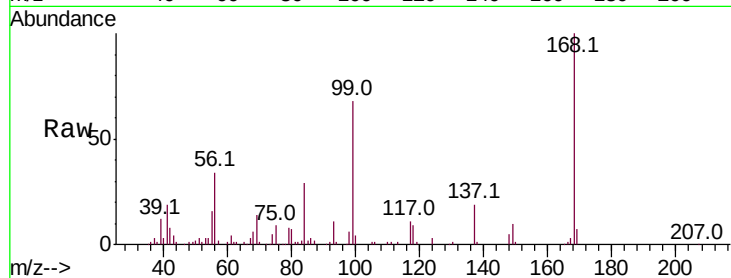
Tot Ion: 56 Resp: 79708

Ion Ratio Lower Upper

56 100

69 41.5 25.4 38.2#

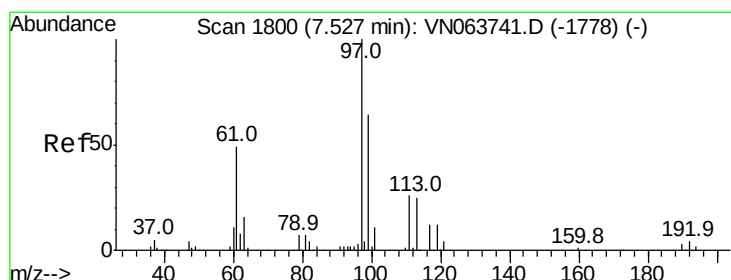
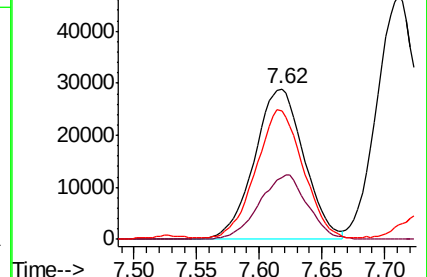
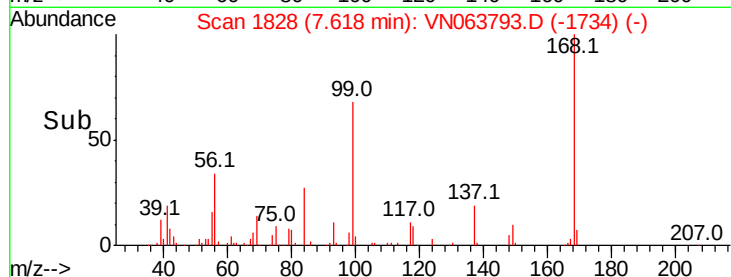
84 84.8 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063793.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063793.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063793.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 19.076 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

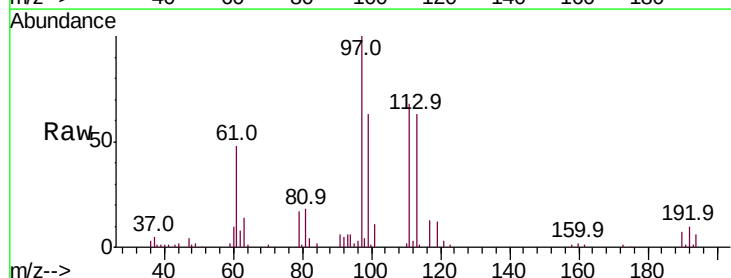
Tgt Ion: 97 Resp: 96767

Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.6

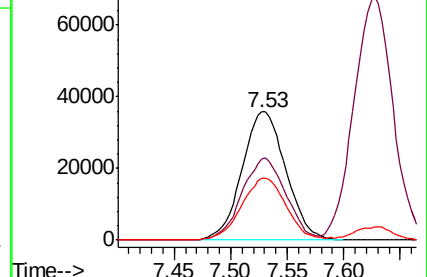
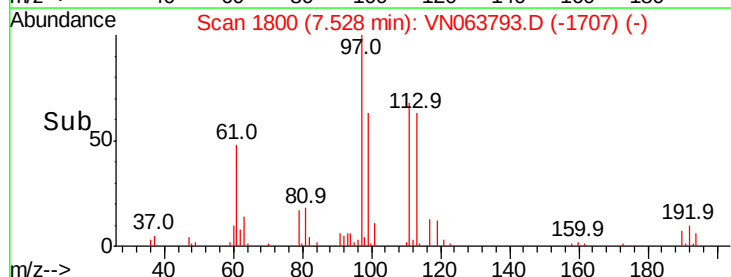
61 49.0 38.7 58.1

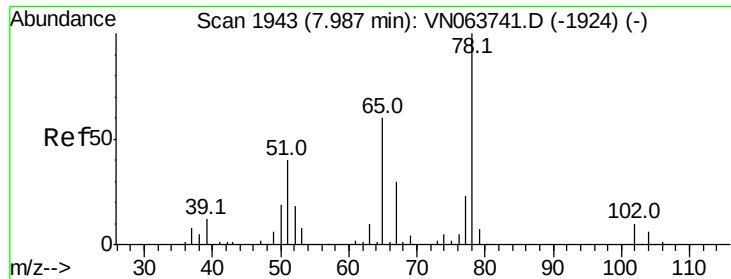


Abundance Ion 96.90 (96.60 to 97.60): VN063793.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063793.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063793.D (-1707) (-)

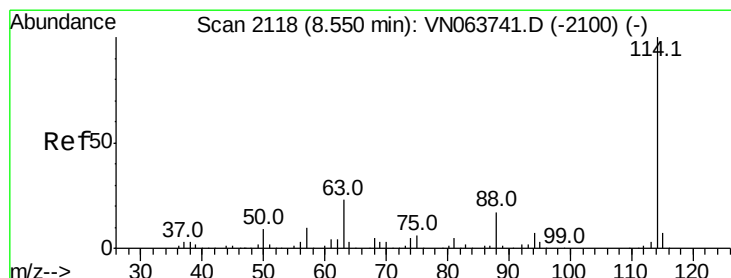
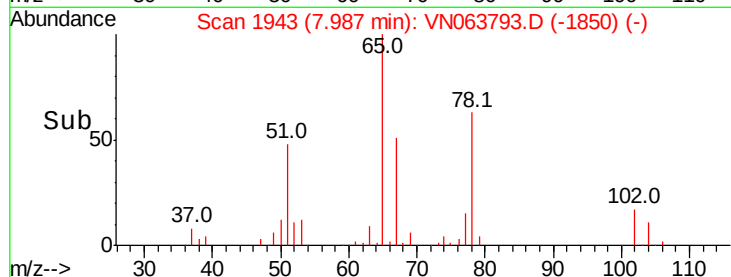
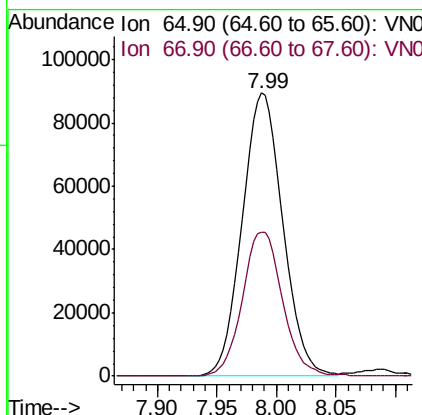
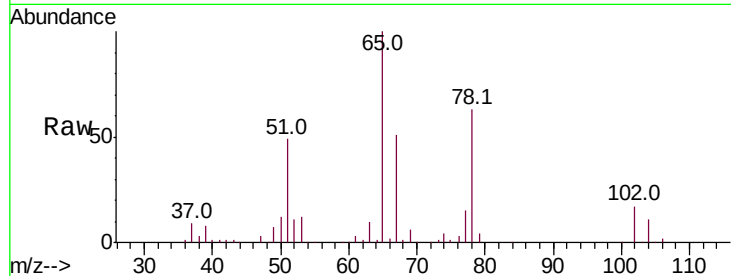




#33
 1,2-Dichloroethane-d4
 Concen: 52.241 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

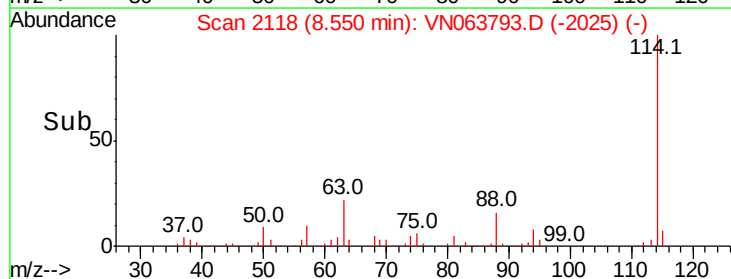
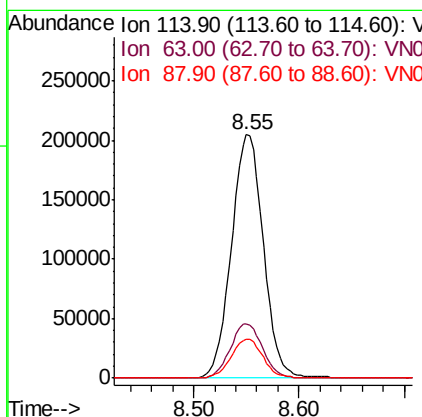
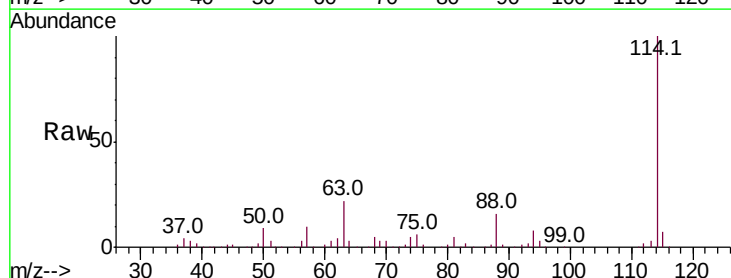
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD02

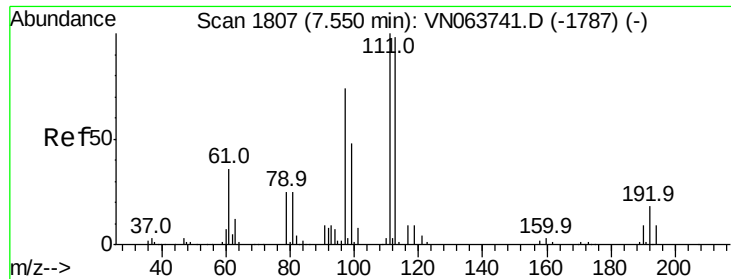
Tot Ion: 65 Resp: 211518
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Tgt Ion: 114 Resp: 429839
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.0
 88 15.8 0.0 34.0

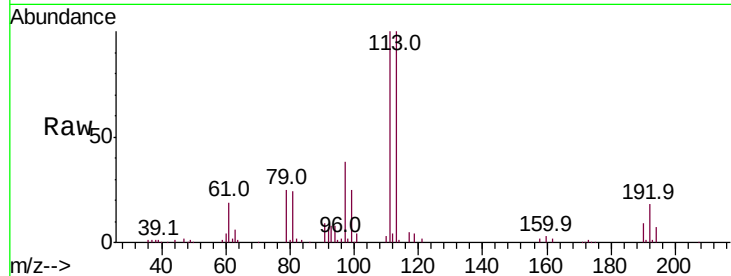




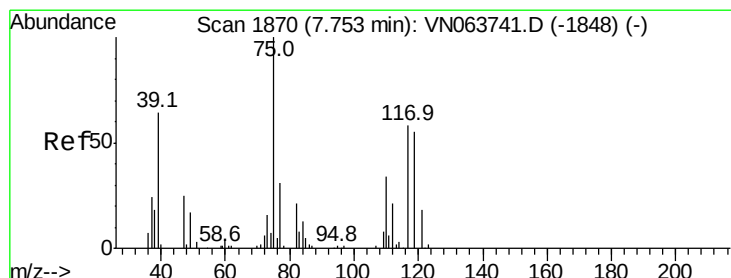
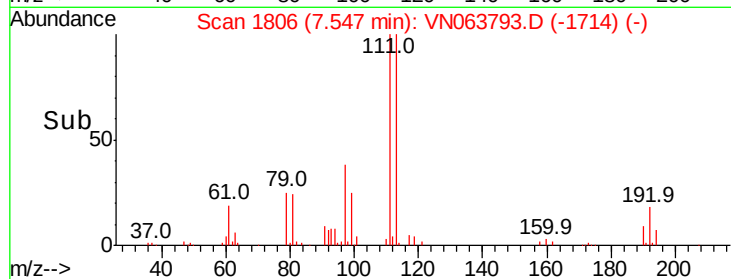
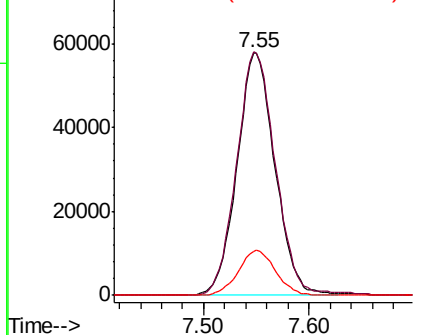
#35
 Dibromofluoromethane
 Concen: 48.381 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD02

Tot Ion:113 Resp: 144299
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.8
 192 18.3 14.2 21.2

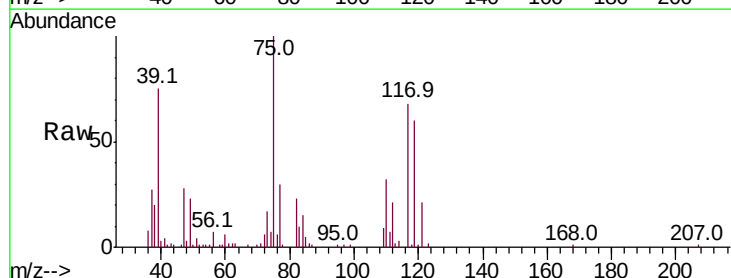


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

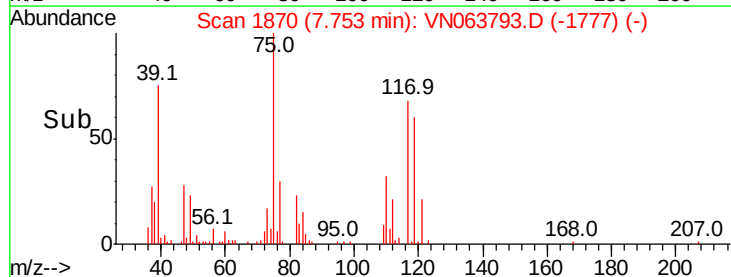
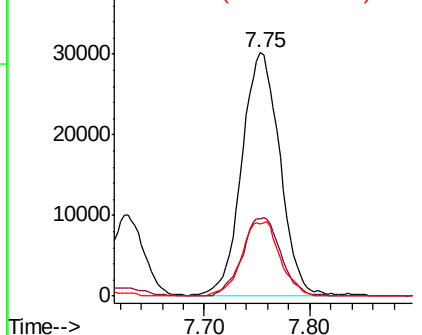


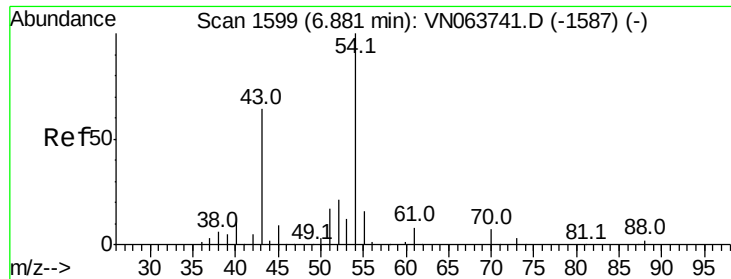
#36
 1,1-Dichloropropene
 Concen: 17.501 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Tgt Ion: 75 Resp: 76213
 Ion Ratio Lower Upper
 75 100
 110 32.1 16.9 50.6
 77 30.6 24.5 36.7



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

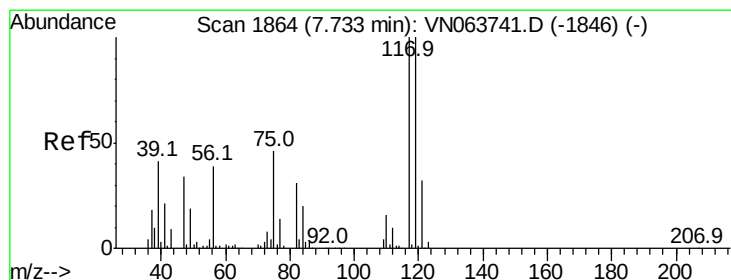
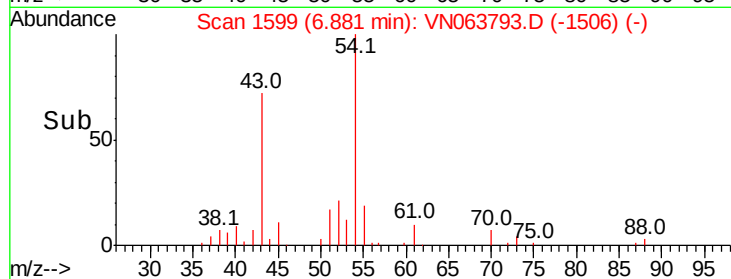
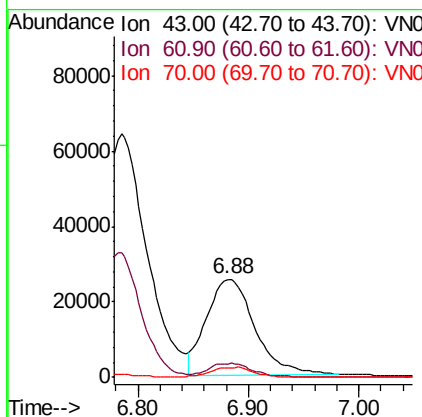
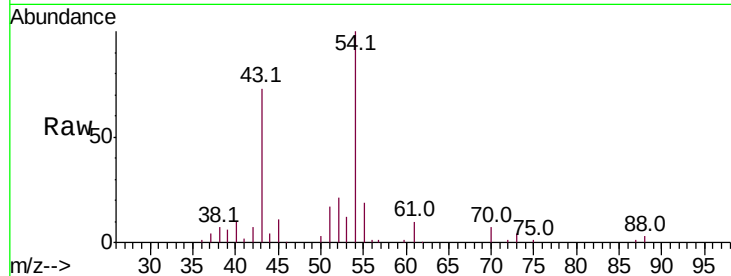




#37
Ethyl Acetate
Concen: 17.953 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

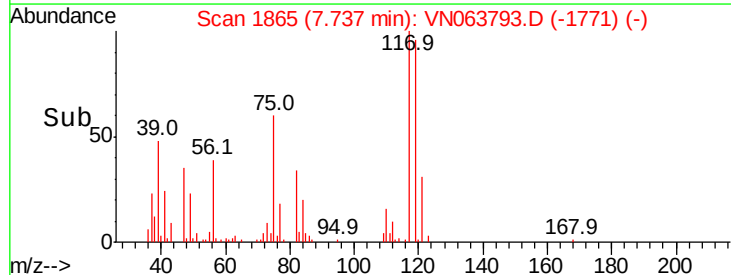
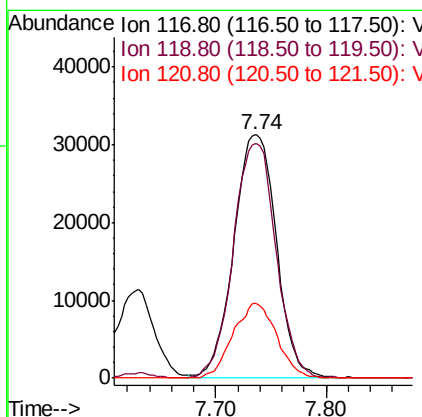
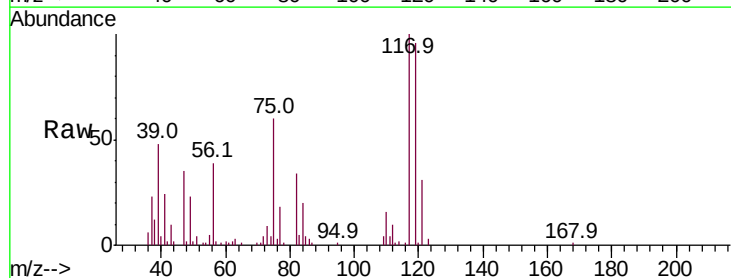
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD02

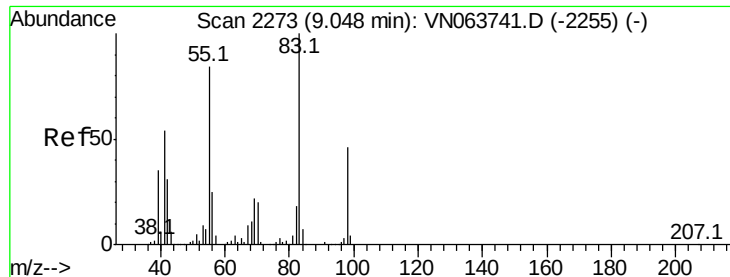
Tot Ion: 43 Resp: 77672
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 9.4 7.3 10.9



#38
Carbon Tetrachloride
Concen: 17.151 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

Tgt Ion: 117 Resp: 83750
Ion Ratio Lower Upper
117 100
119 96.3 80.1 120.1
121 30.9 25.7 38.5

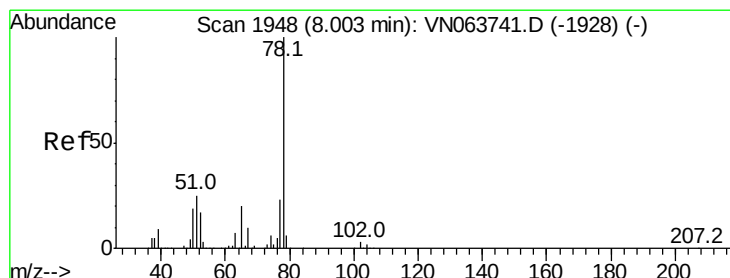
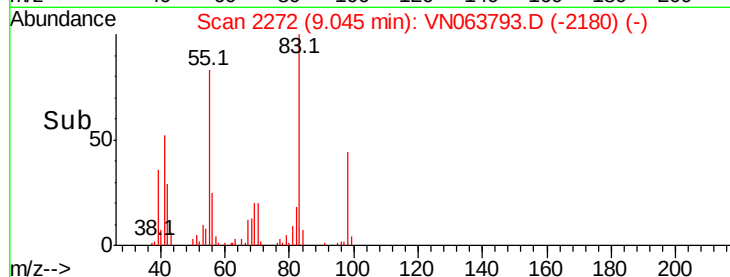
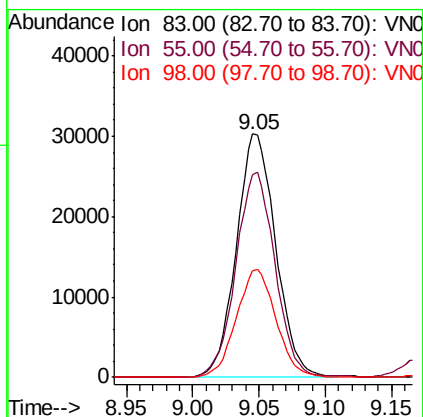
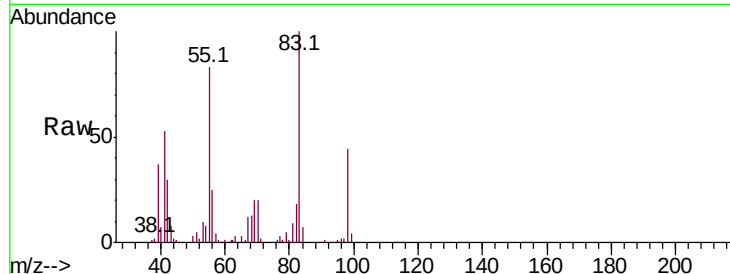




#39
Methylvlcyclohexane
Concen: 14.402 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

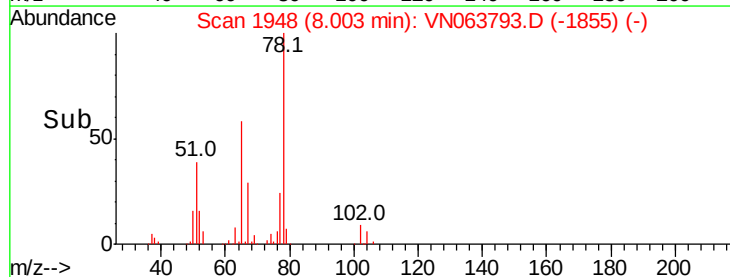
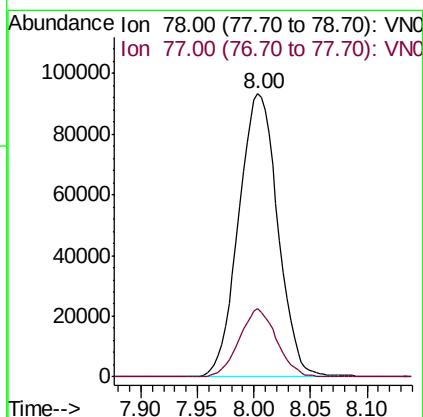
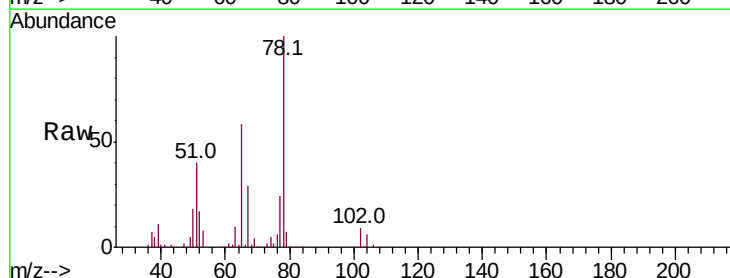
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD02

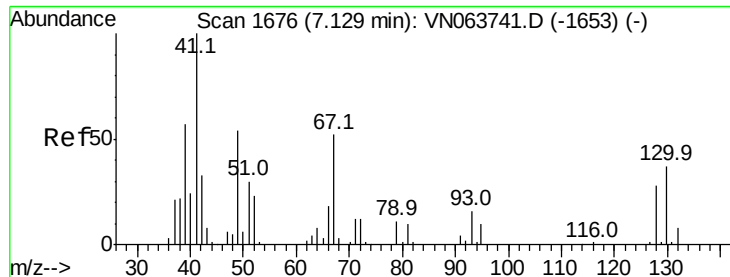
Tot Ion: 83 Resp: 62541
Ion Ratio Lower Upper
83 100
55 83.4 67.1 100.7
98 43.8 36.6 54.8



#40
Benzene
Concen: 18.073 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

Tgt Ion: 78 Resp: 224792
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

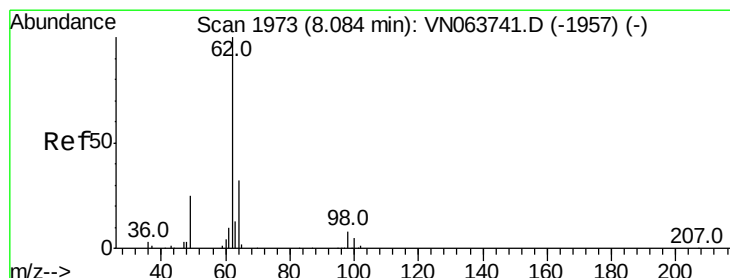
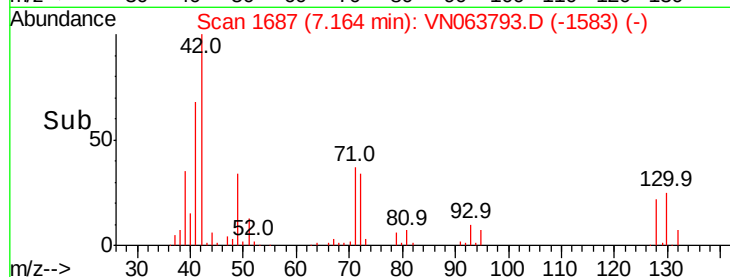
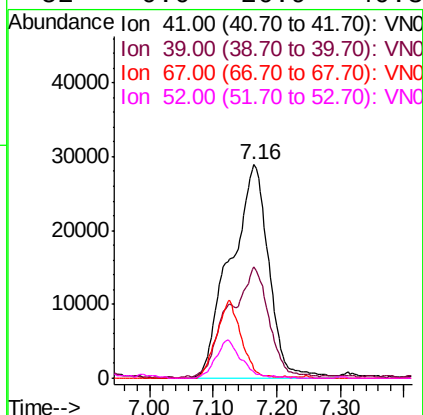
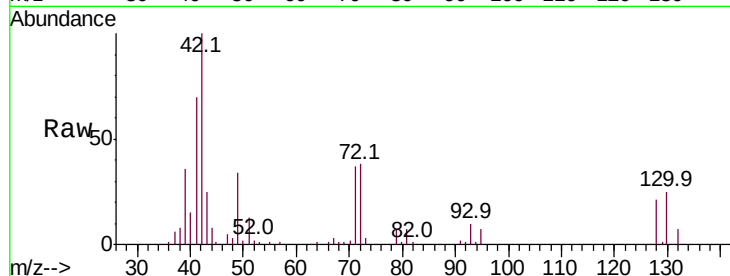




#41
Methacrylonitrile
Concen: 63.160 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

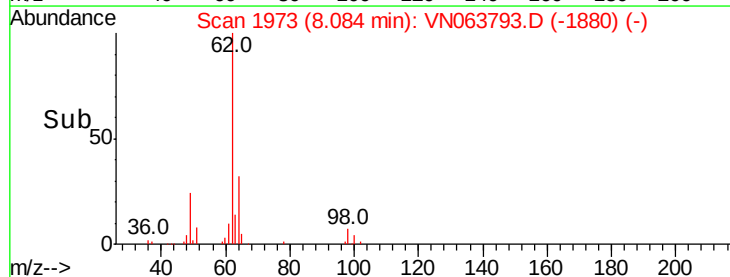
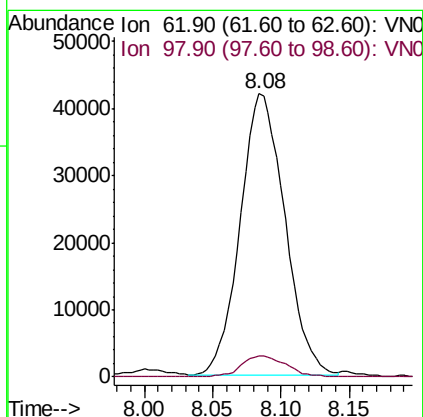
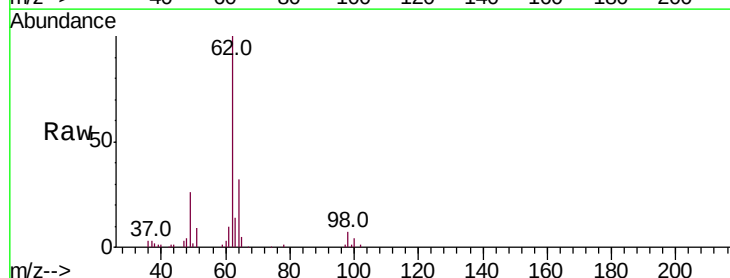
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD02

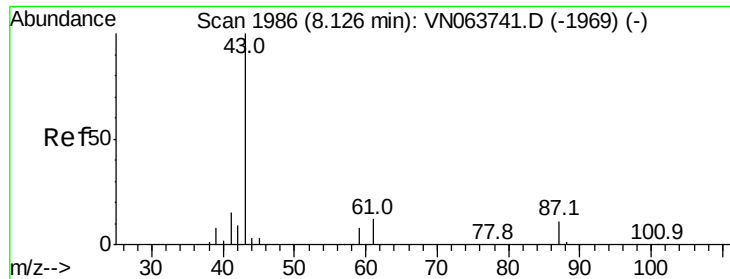
Tot Ion: 41 Resp: 121447
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 0.0 57.4 86.2#
52 0.0 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 17.906 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

Tgt Ion: 62 Resp: 95068
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.0





#43

Isopropyl Acetate

Concen: 18.650 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

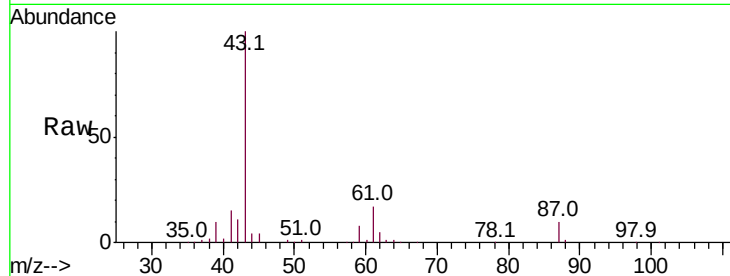
Tot Ion: 43 Resp: 133092

Ion Ratio Lower Upper

43 100

61 25.0 14.2 21.4#

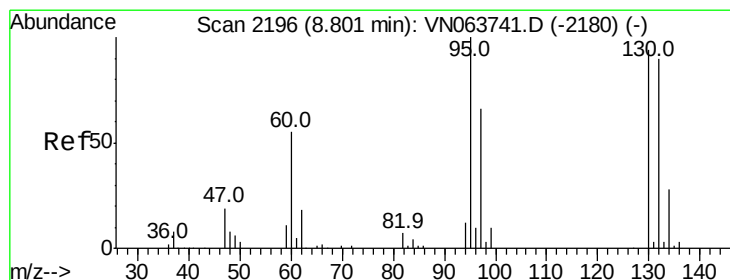
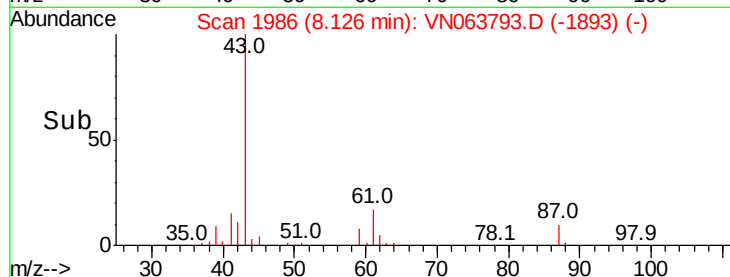
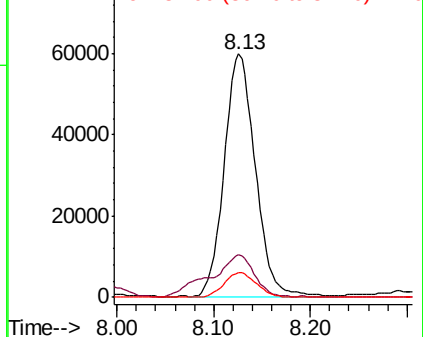
87 10.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#44

Trichloroethene

Concen: 17.061 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063793.D

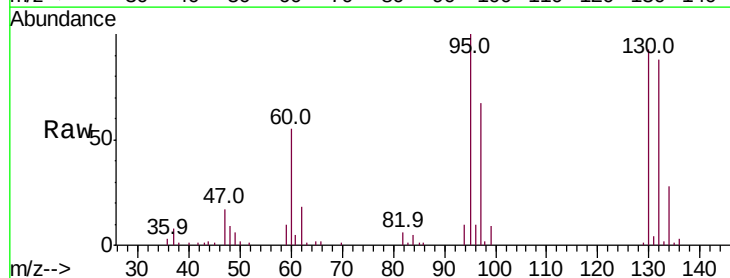
Acq: 2 Oct 2020 00:56

Tgt Ion:130 Resp: 55601

Ion Ratio Lower Upper

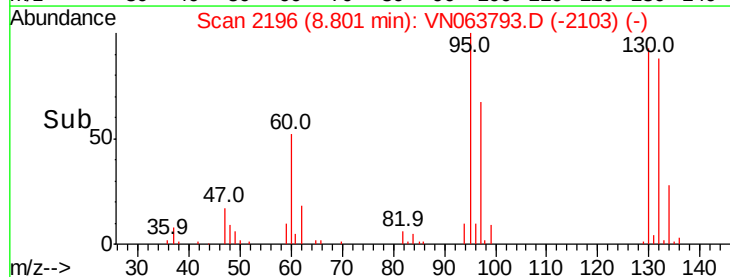
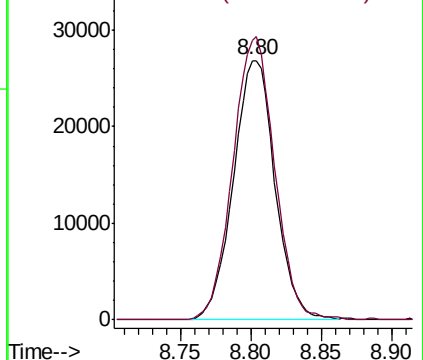
130 100

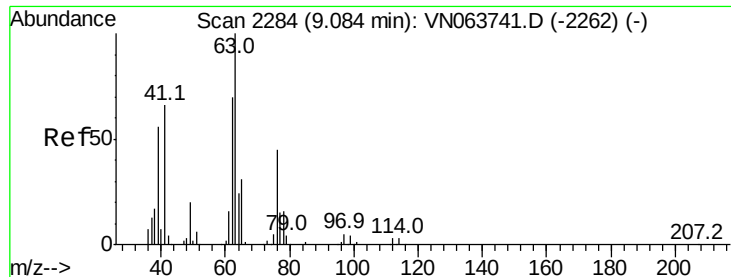
95 107.8 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

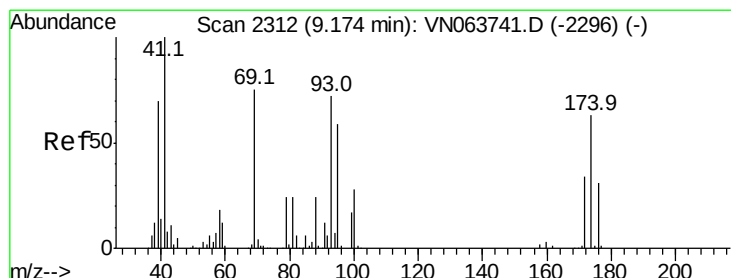
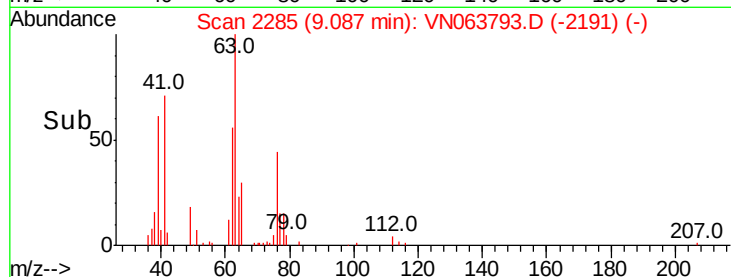
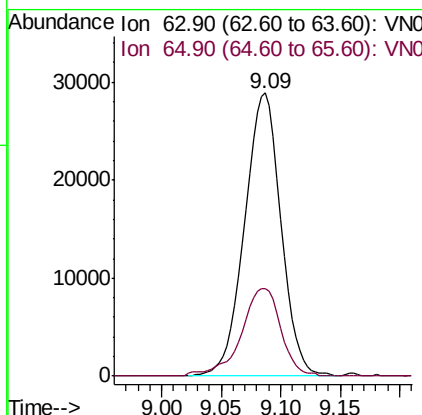
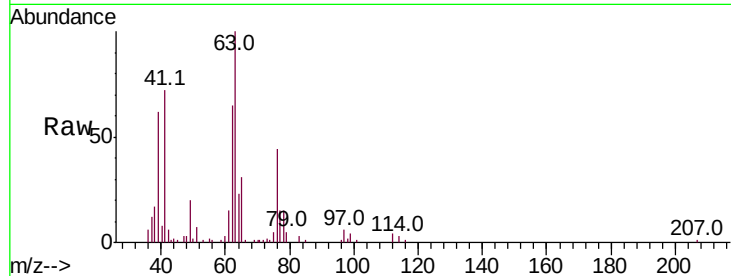




#45
 1,2-Dichloropropane
 Concen: 18.215 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

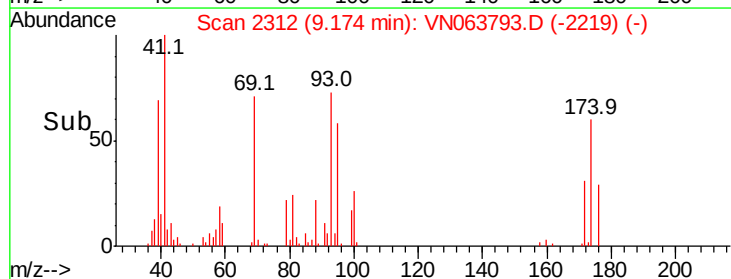
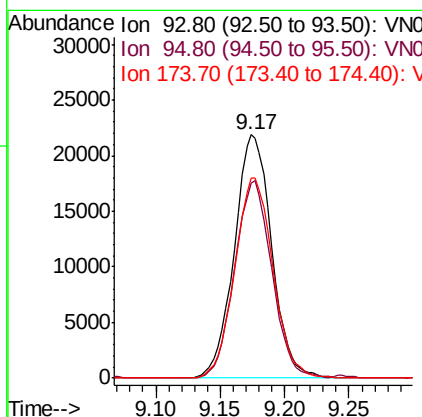
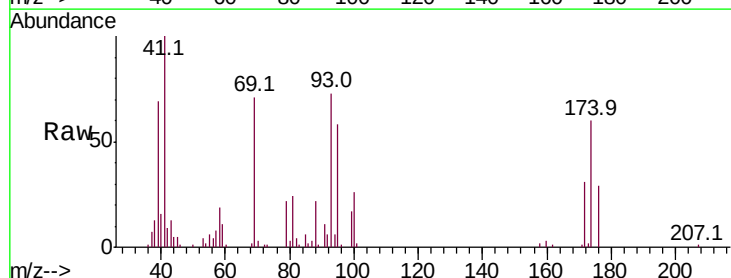
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD02

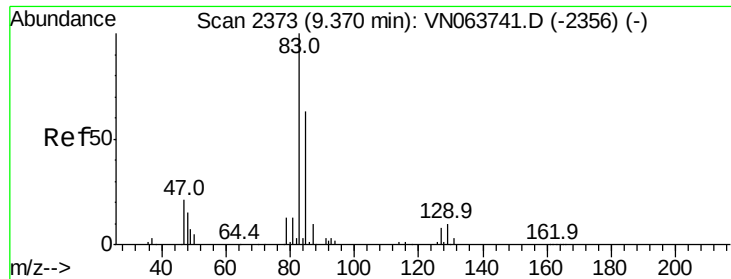
Tot Ion: 63 Resp: 61187
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 19.033 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Tgt Ion: 93 Resp: 44105
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.3 99.5
 174 84.1 72.7 109.1





#47

Bromodichloromethane

Concen: 18.065 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

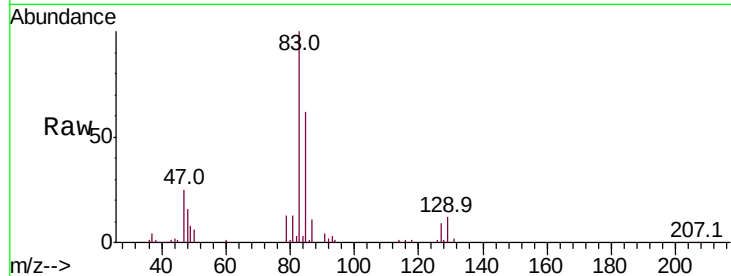
Tot Ion: 83 Resp: 86273

Ion Ratio Lower Upper

83 100

85 62.2 50.6 75.8

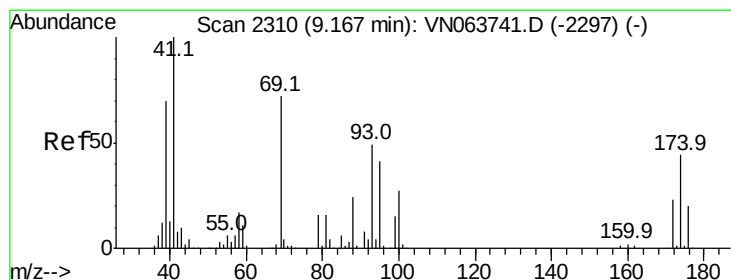
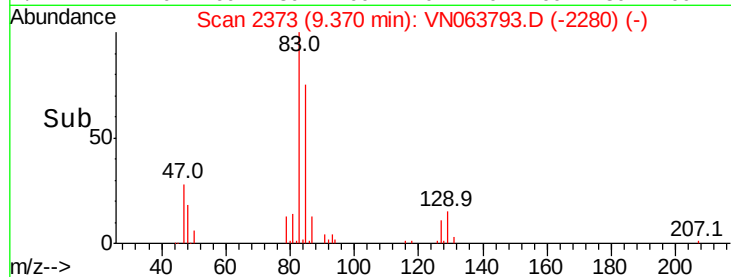
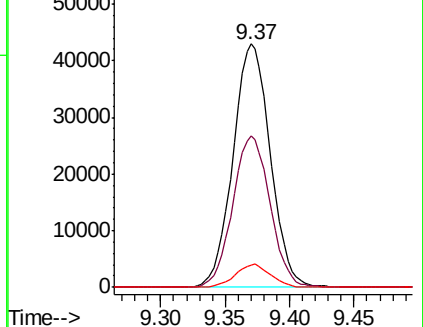
127 9.3 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063741.D (-2356) (-)



#48

Methyl methacrylate

Concen: 19.255 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

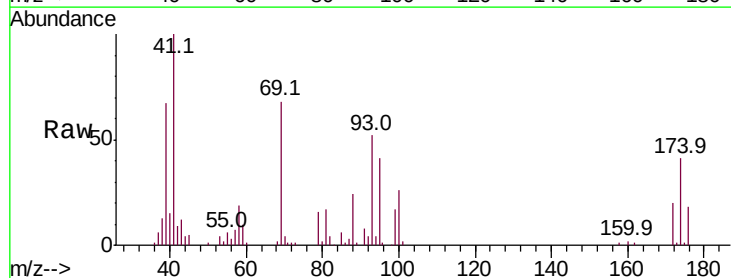
Tgt Ion: 41 Resp: 67890

Ion Ratio Lower Upper

41 100

69 71.3 60.9 91.3

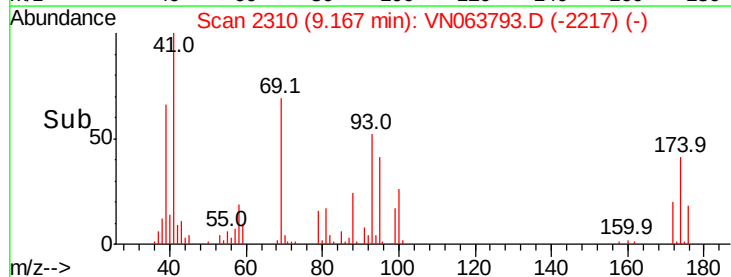
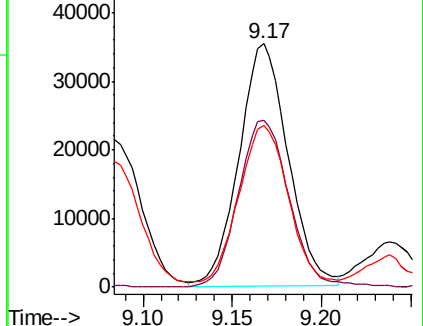
39 66.9 57.5 86.3

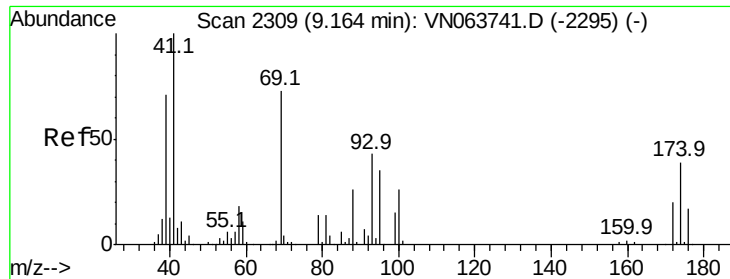


Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063741.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-2297) (-)





#49

1,4-Dioxane

Concen: 361.233 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

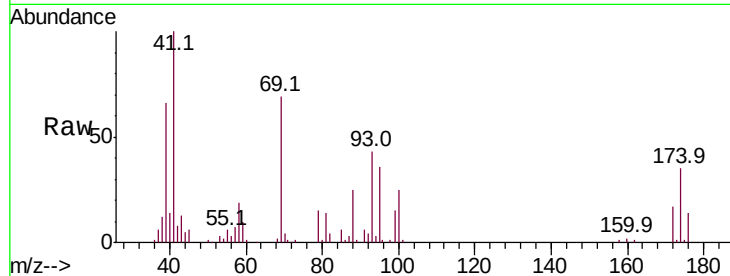
Tot Ion: 88 Resp: 18101

Ion Ratio Lower Upper

88 100

43 45.4 33.1 49.7

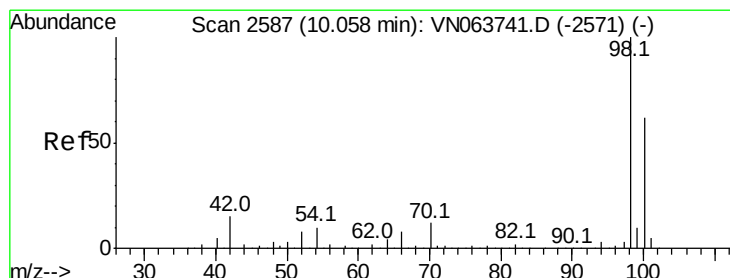
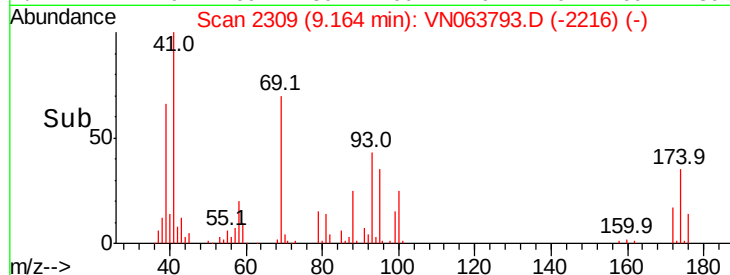
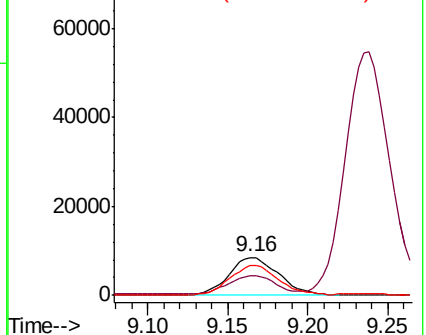
58 78.4 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063793.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN063793.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN063793.D (-2216) (-)



#50

Toluene-d8

Concen: 45.709 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063793.D

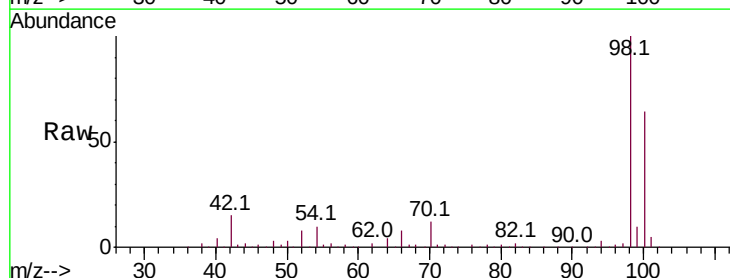
Acq: 2 Oct 2020 00:56

Tgt Ion: 98 Resp: 516805

Ion Ratio Lower Upper

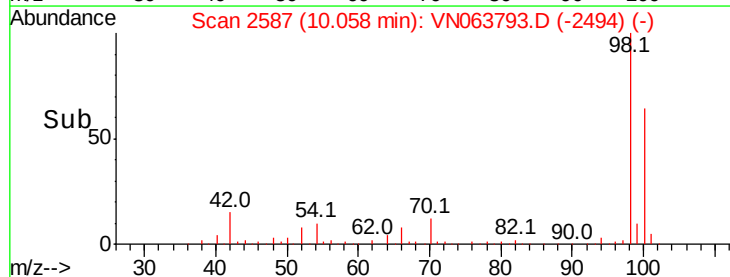
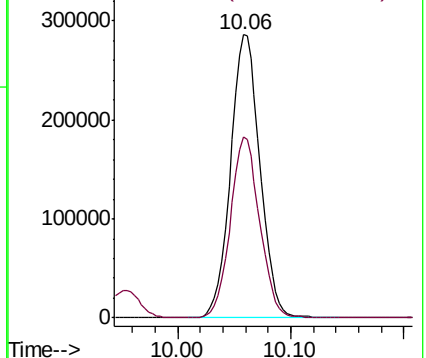
98 100

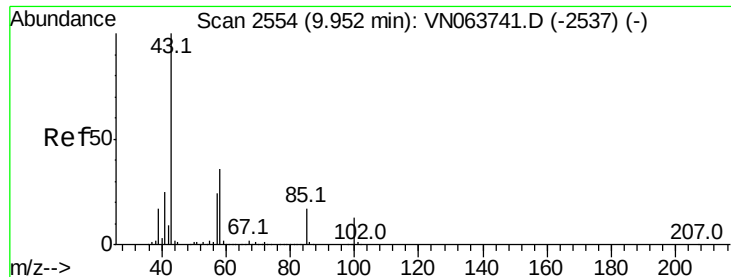
100 63.4 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063793.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063793.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 96.655 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

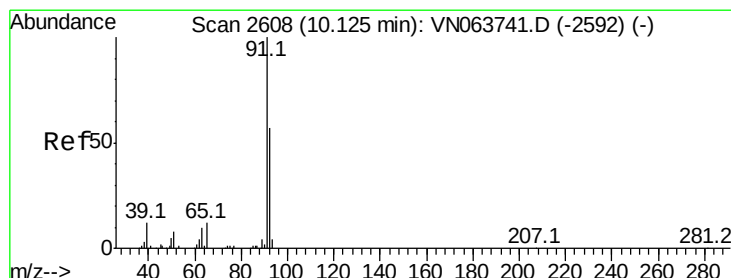
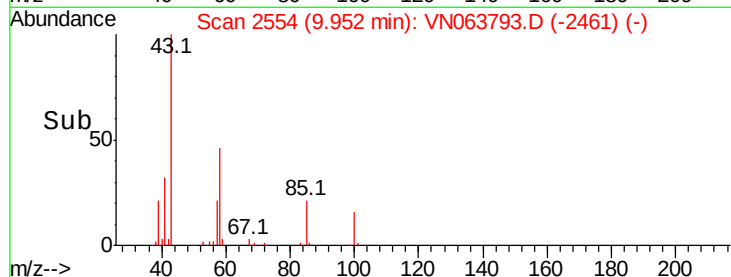
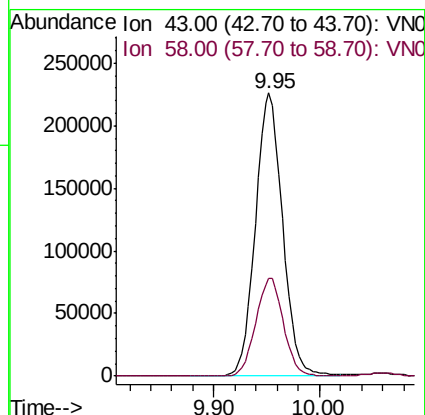
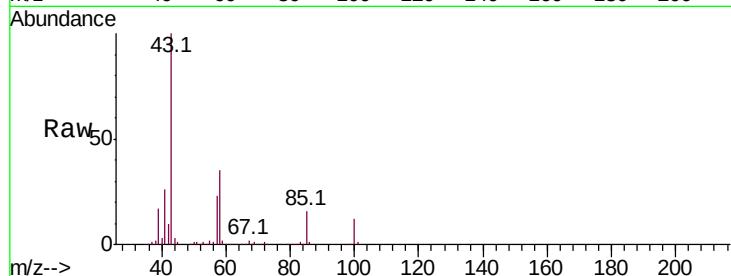
VN1001WBSD02

Tot Ion: 43 Resp: 404779

Ion Ratio Lower Upper

43 100

58 35.4 28.4 42.6



#52

Toluene

Concen: 17.970 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063793.D

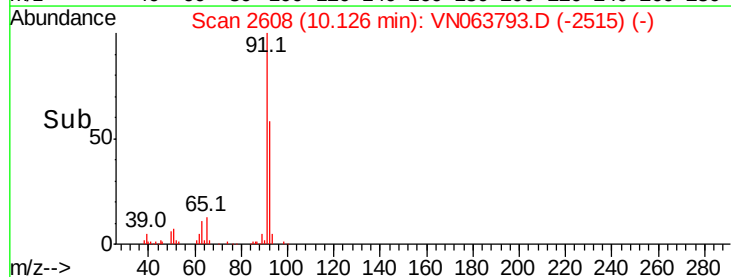
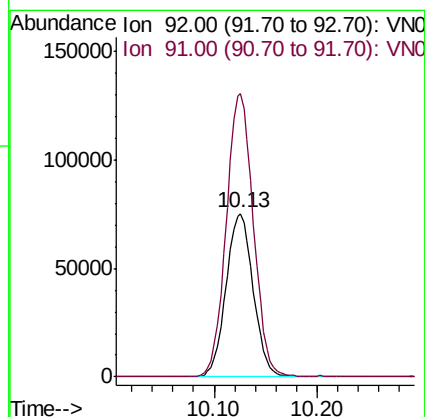
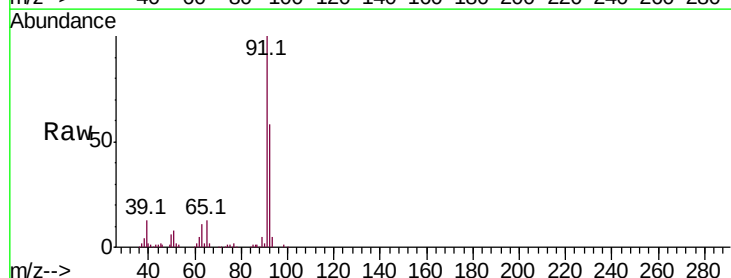
Acq: 2 Oct 2020 00:56

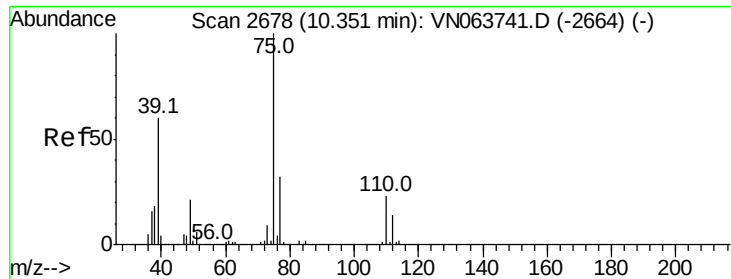
Tgt Ion: 92 Resp: 138247

Ion Ratio Lower Upper

92 100

91 173.0 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 17.489 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

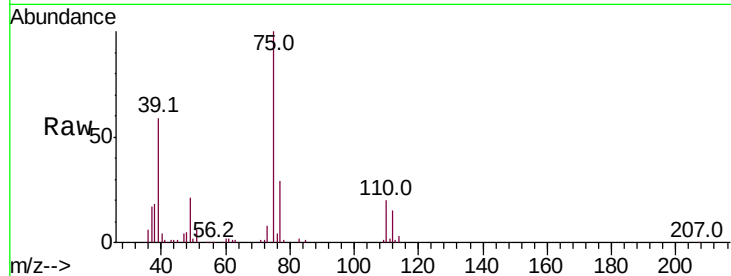
VN1001WBSD02

Tot Ion: 75 Resp: 89535

Ion Ratio Lower Upper

75 100

77 28.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN063793.D (-2416) (-)

Ion 76.90 (76.60 to 77.60): VN063793.D (-2416) (-)

10.35

50000

40000

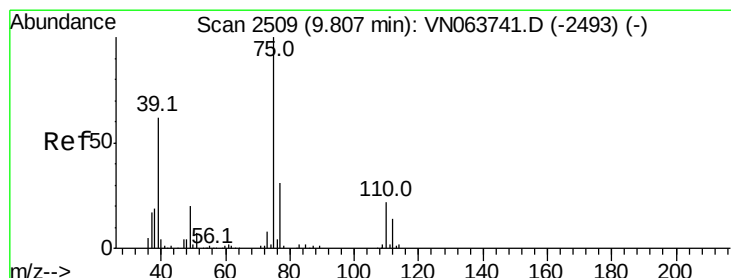
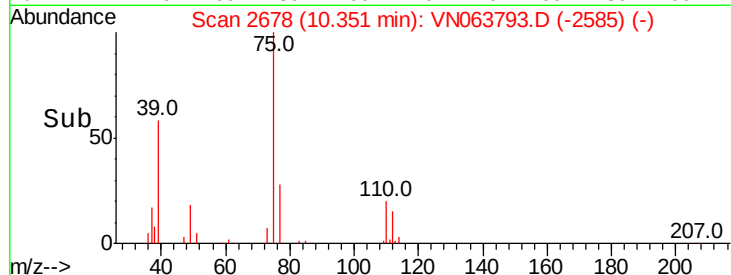
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.126 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

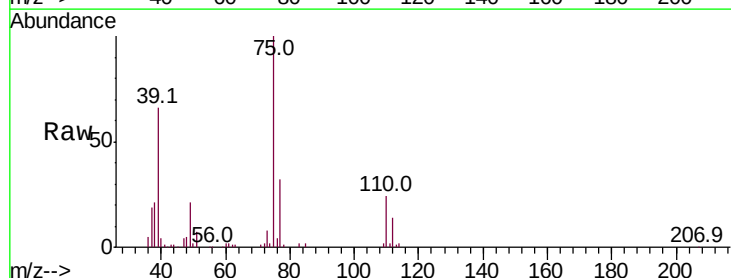
Tgt Ion: 75 Resp: 91694

Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 65.9 49.7 74.5



Abundance Ion 74.90 (74.60 to 75.60): VN063793.D (-2416) (-)

Ion 76.90 (76.60 to 77.60): VN063793.D (-2416) (-)

Ion 39.00 (38.70 to 39.70): VN063793.D (-2416) (-)

9.81

60000

50000

40000

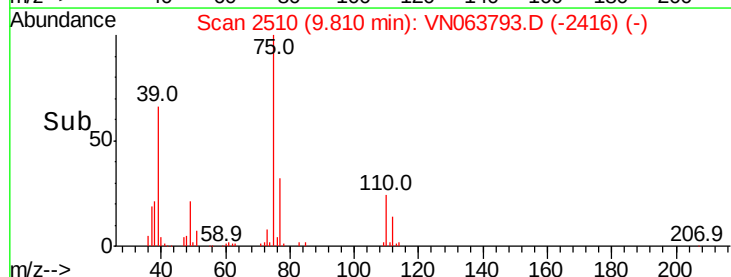
30000

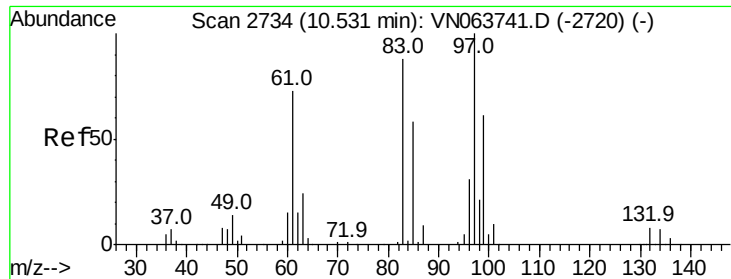
20000

10000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 18.336 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

Tot Ion: 97 Resp: 56571

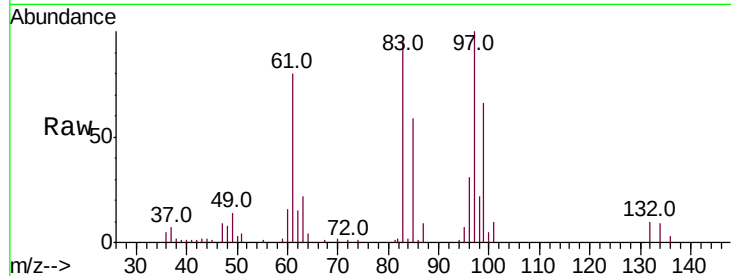
Ion Ratio Lower Upper

97 100

83 94.6 70.7 106.1

85 59.0 46.1 69.1

99 66.0 48.8 73.2

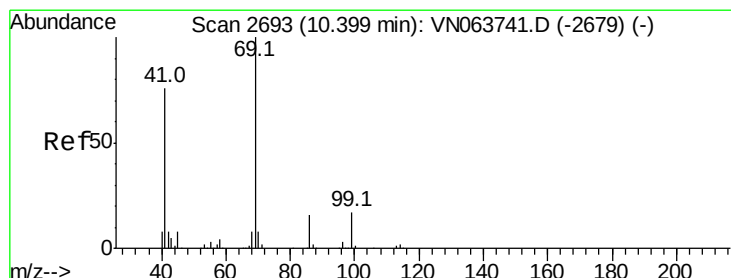
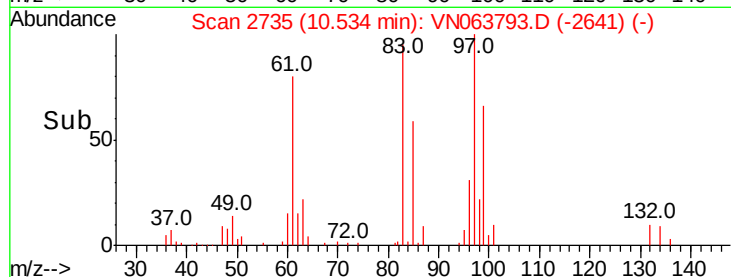
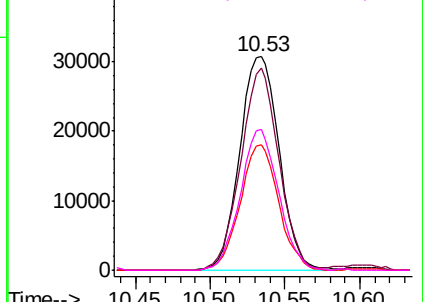


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.345 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

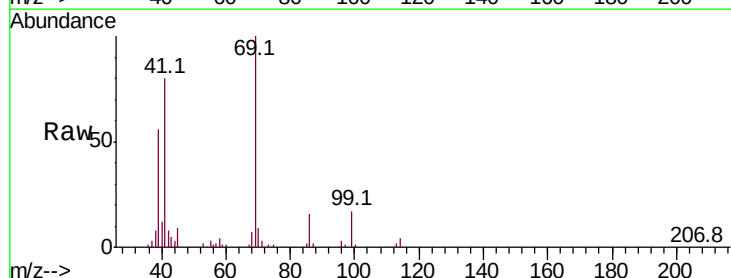
Tgt Ion: 69 Resp: 80229

Ion Ratio Lower Upper

69 100

41 78.0 61.1 91.7

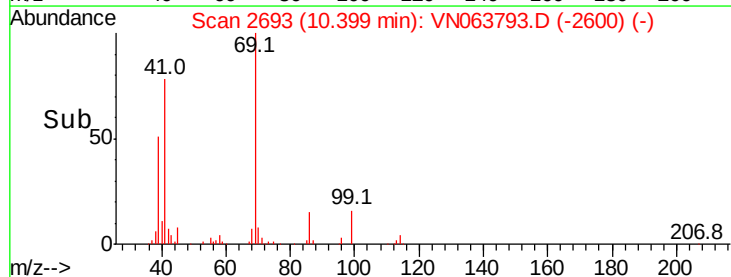
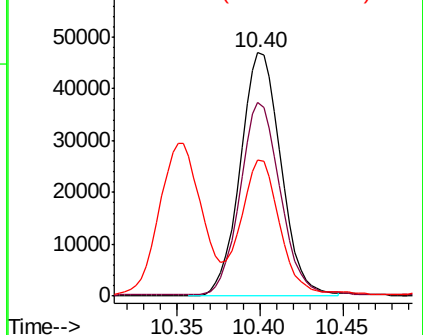
39 51.4 42.2 63.4

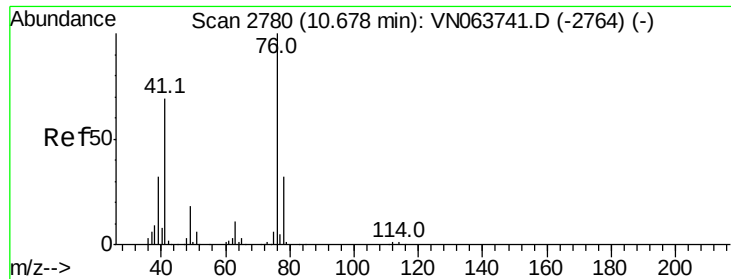


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.541 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

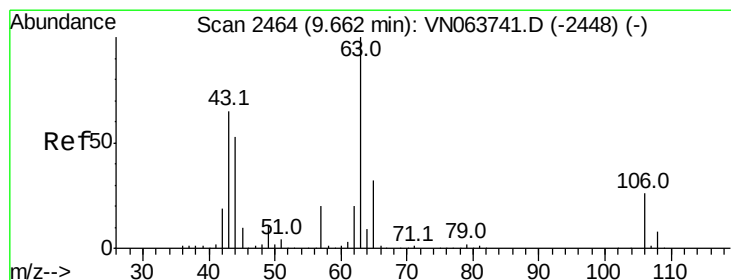
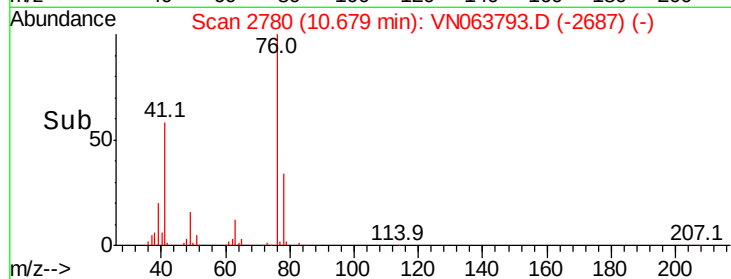
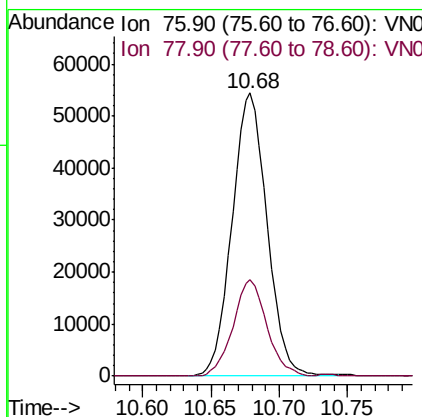
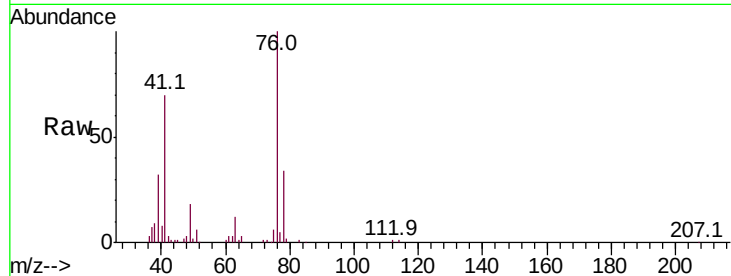
Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD02

Tot Ion: 76 Resp: 96778

Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.2	37.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.709 ug/l

RT: 9.66 min Scan# 2464

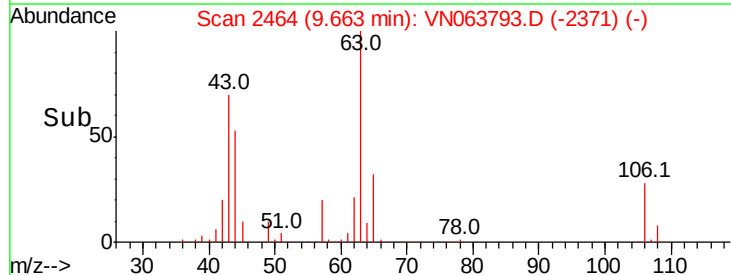
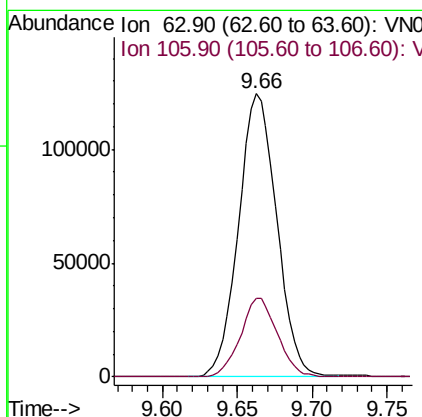
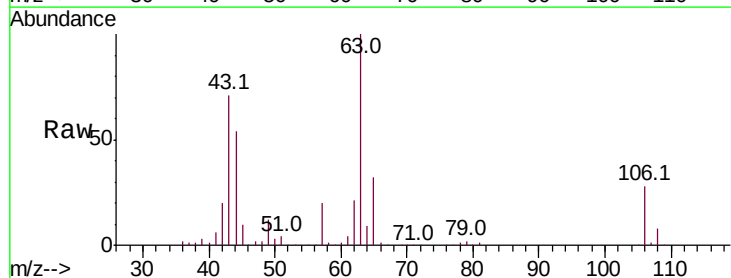
Delta R.T. 0.00 min

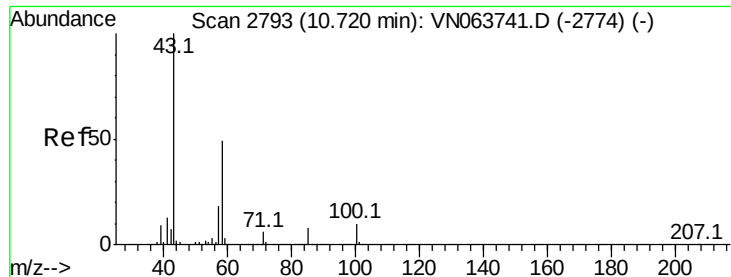
Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Tgt Ion: 63 Resp: 221556

Ion	Ratio	Lower	Upper
63	100		
106	27.0	20.7	31.1

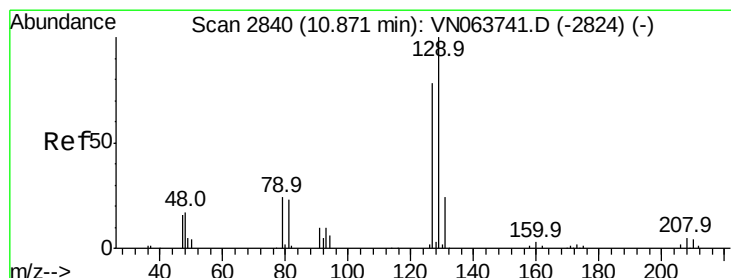
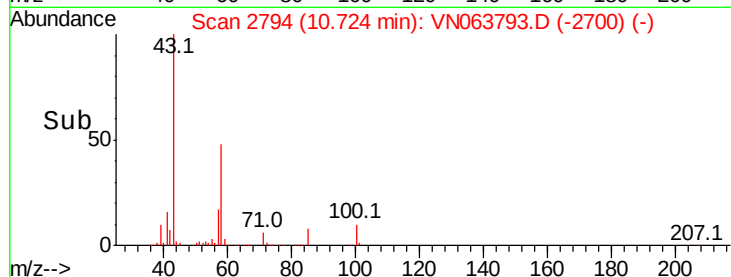
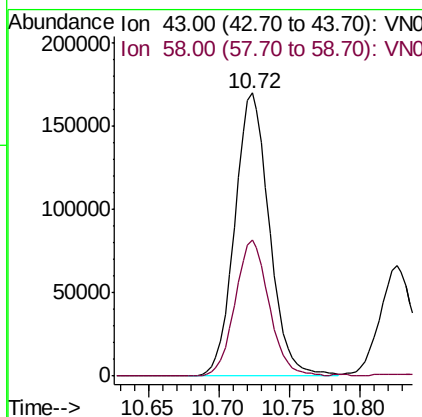
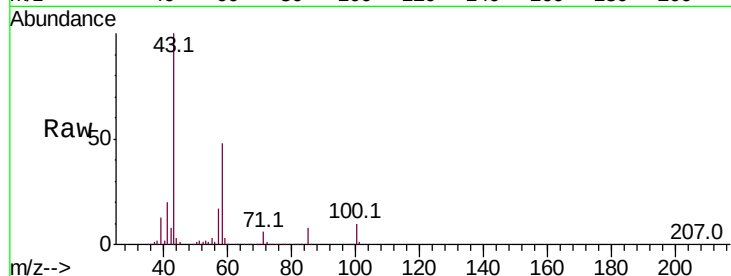




#59
2-Hexanone
Concen: 93.421 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

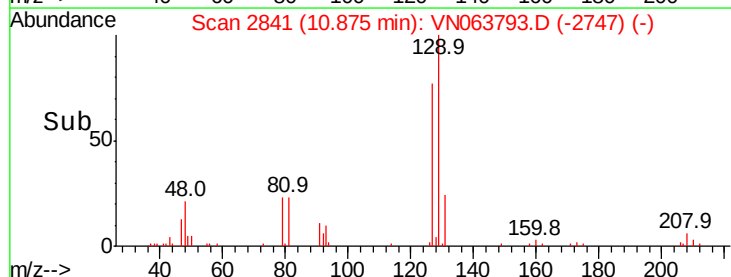
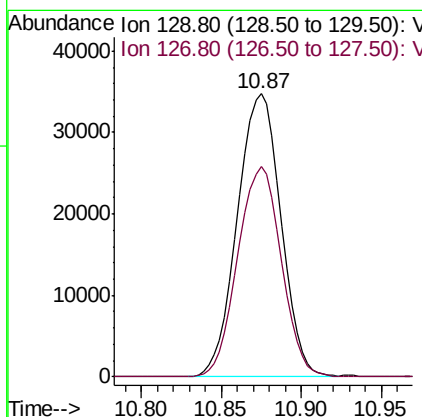
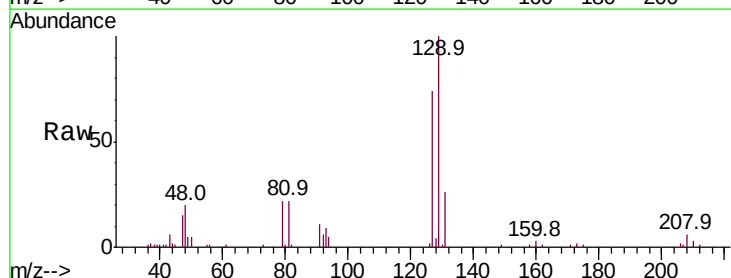
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD02

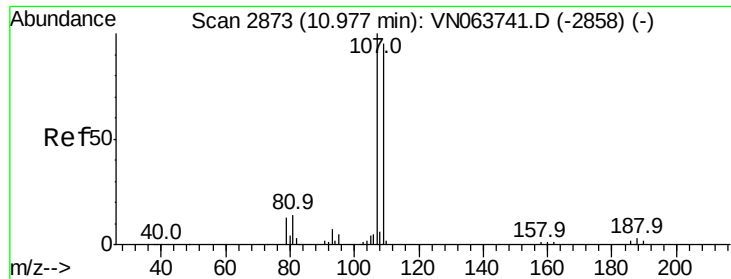
Tot Ion: 43 Resp: 290637
Ion Ratio Lower Upper
43 100
58 47.7 24.6 73.8



#60
Dibromochloromethane
Concen: 17.990 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

Tgt Ion: 129 Resp: 64639
Ion Ratio Lower Upper
129 100
127 74.3 38.9 116.7

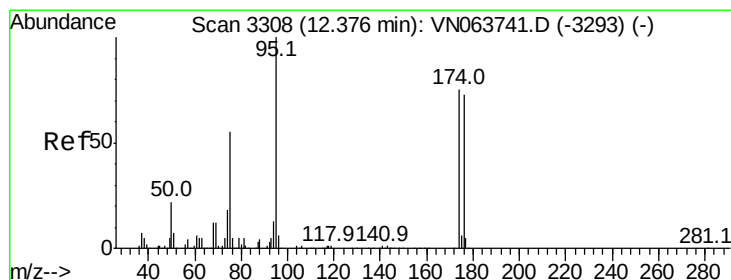
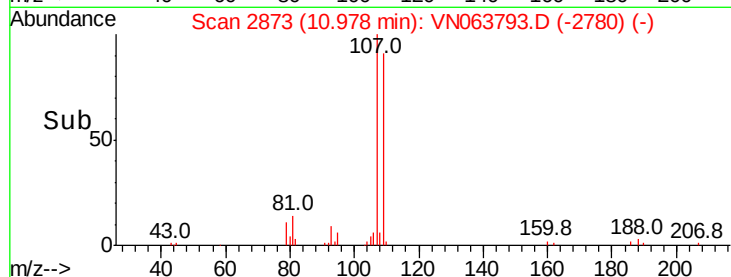
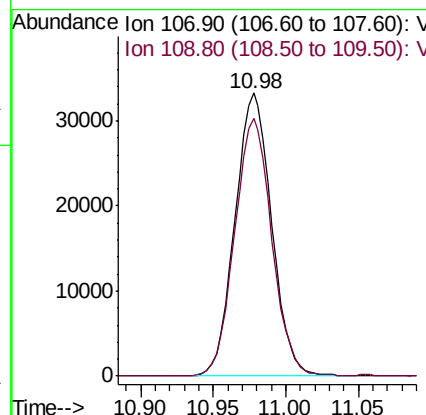
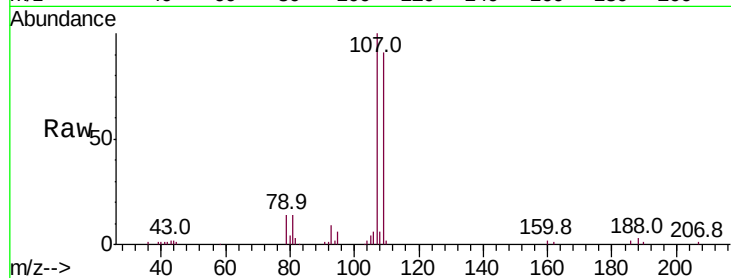




#61
 1,2-Dibromoethane
 Concen: 18.490 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

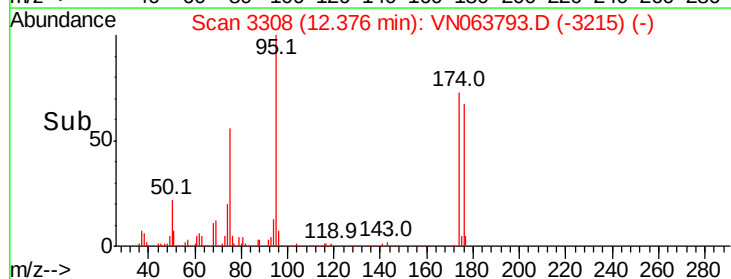
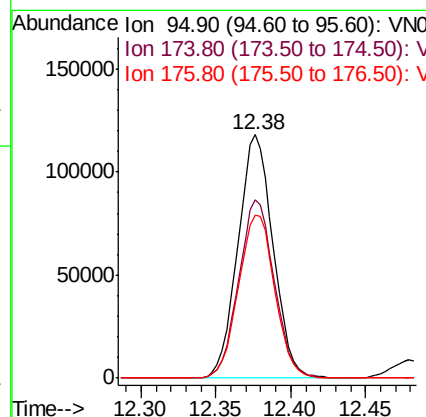
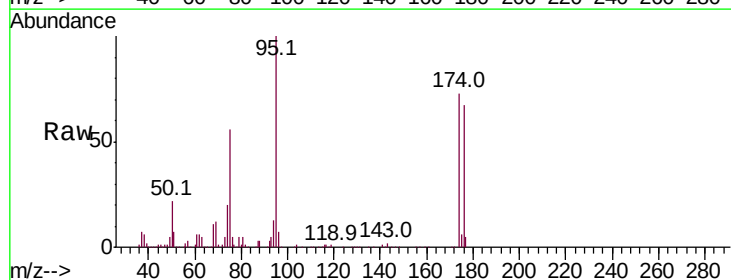
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD02

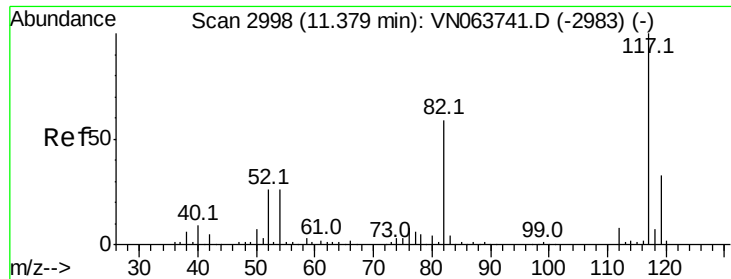
Tot Ion:107 Resp: 58354
 Ion Ratio Lower Upper
 107 100
 109 92.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 45.417 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Tgt Ion: 95 Resp: 193035
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 150.6
 176 69.5 0.0 145.4

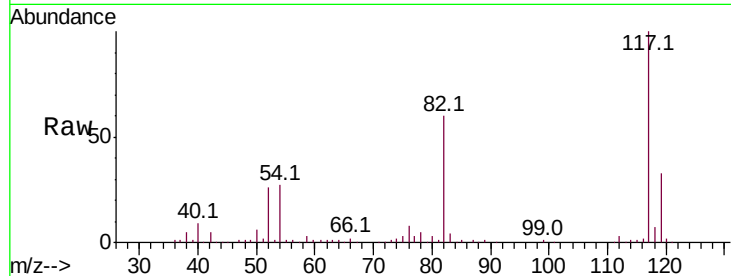




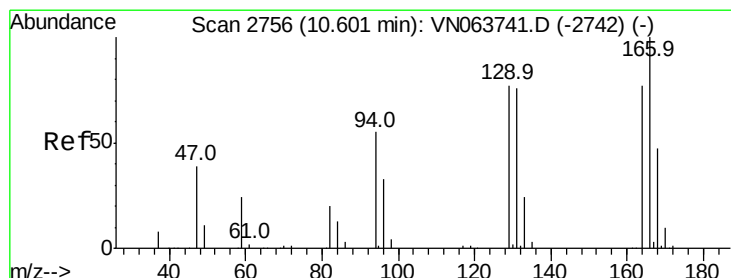
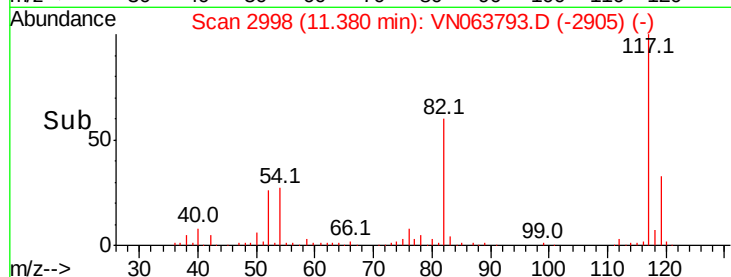
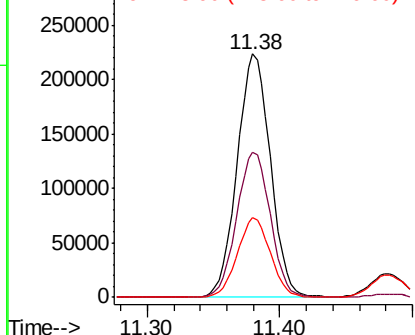
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD02

Tot Ion:117 Resp: 390557
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 32.7 26.4 39.6

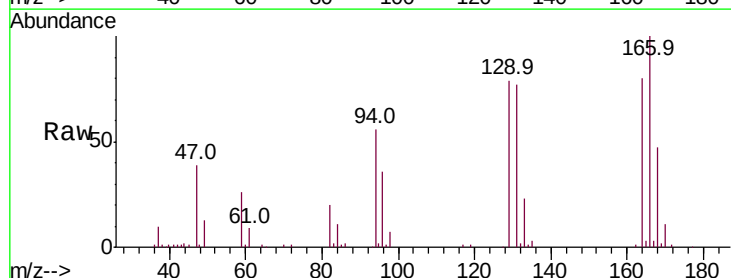


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

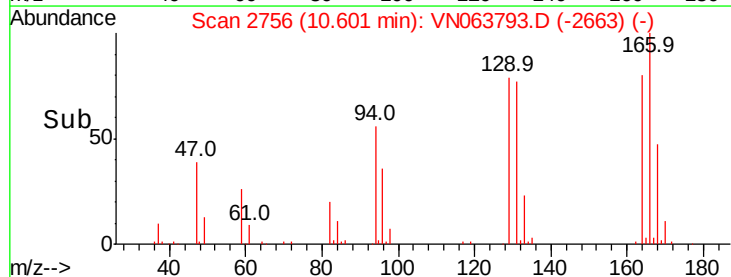
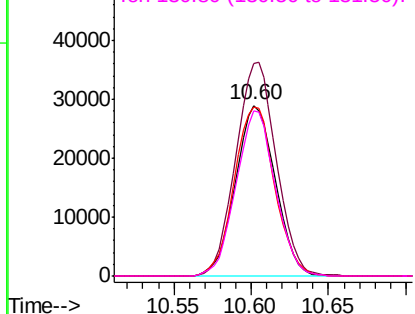


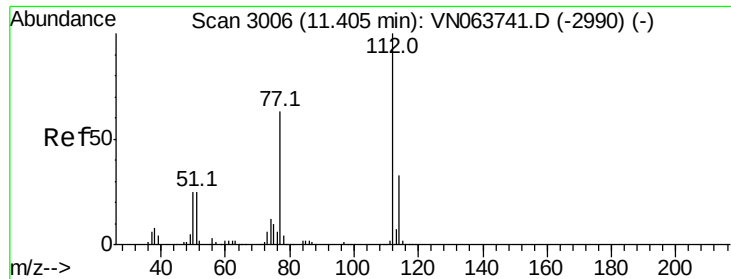
#64
Tetrachloroethene
Concen: 17.139 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

Tgt Ion:164 Resp: 51788
Ion Ratio Lower Upper
164 100
166 124.9 103.9 155.9
129 98.9 80.3 120.5
131 96.7 78.9 118.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

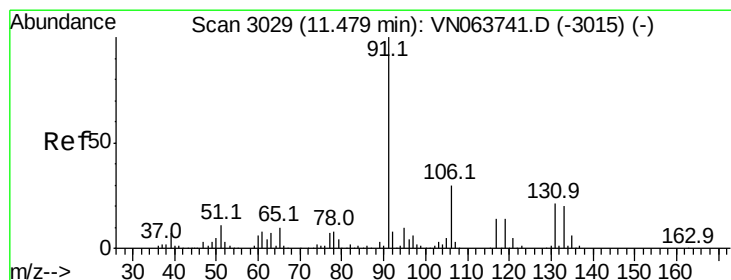
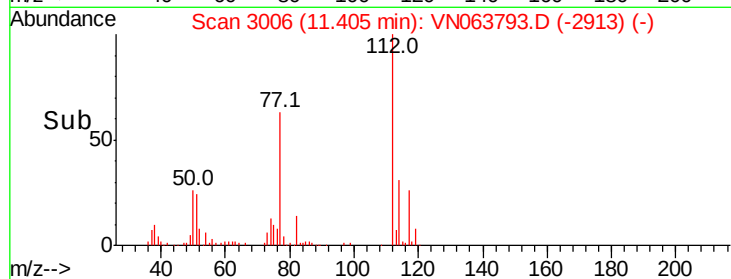
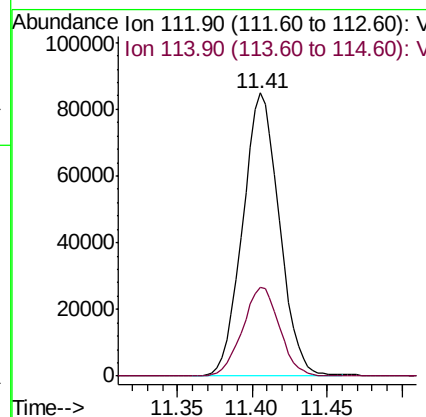
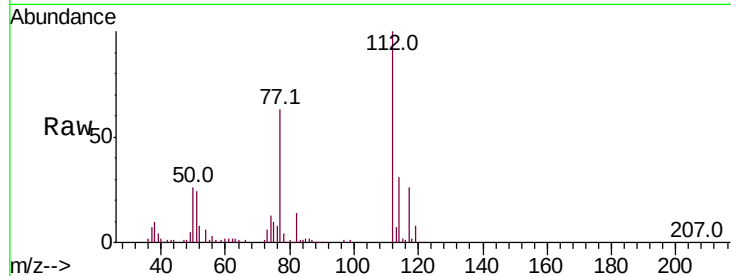




#65
Chlorobenzene
Concen: 18.058 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

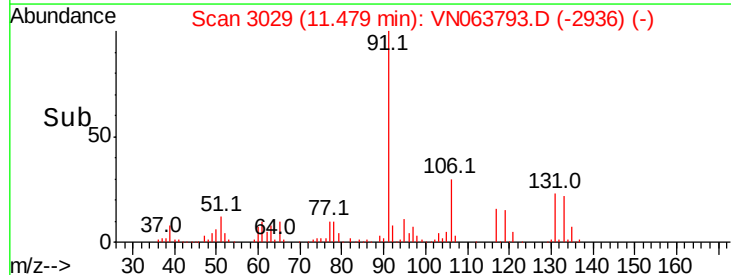
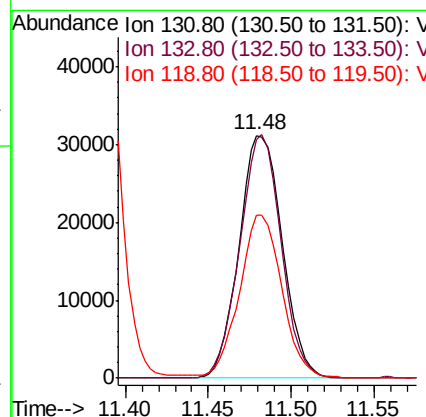
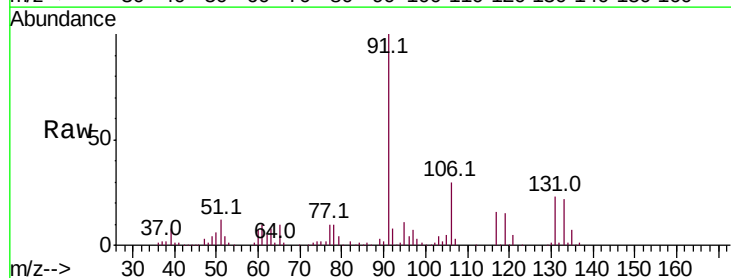
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD02

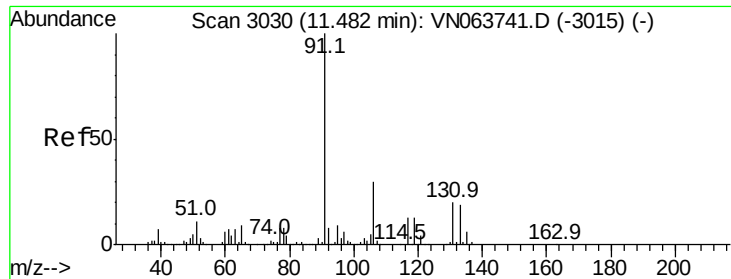
Tot Ion:112 Resp: 144672
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.392 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

Tgt Ion:131 Resp: 56490
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.8
119 66.2 32.6 97.7





#67

Ethyl Benzene

Concen: 17.763 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

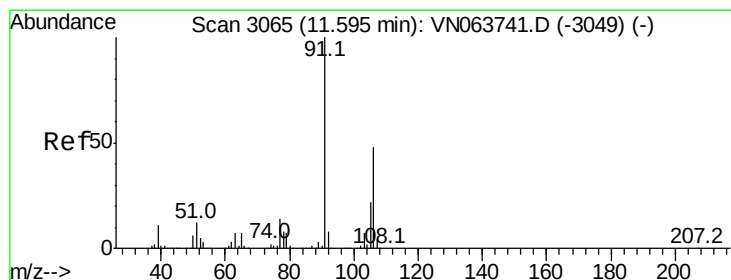
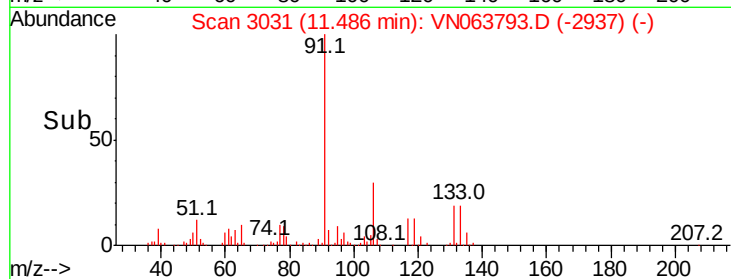
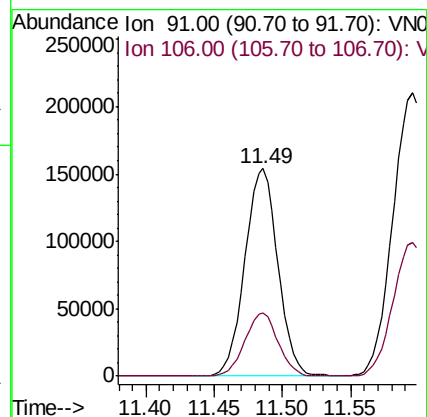
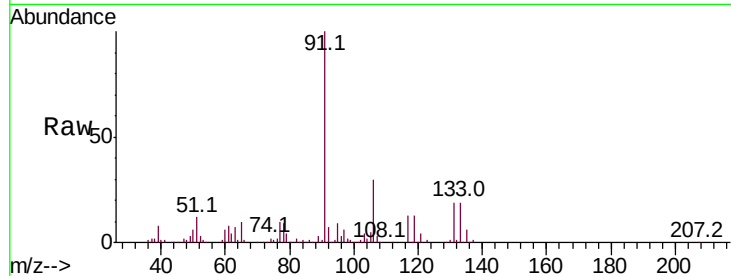
VN1001WBSD02

Tot Ion: 91 Resp: 258945

Ion Ratio Lower Upper

91 100

106 30.2 24.2 36.2



#68

m/p-Xylenes

Concen: 35.062 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063793.D

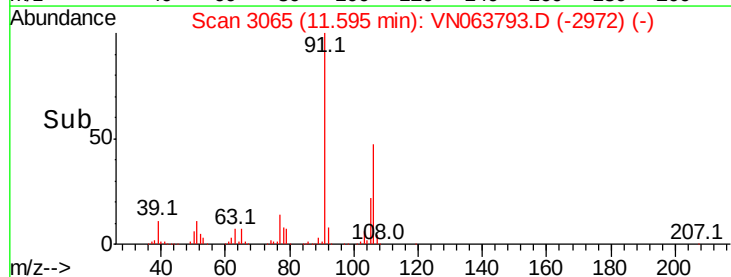
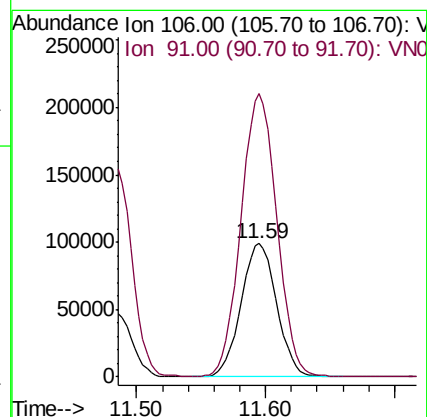
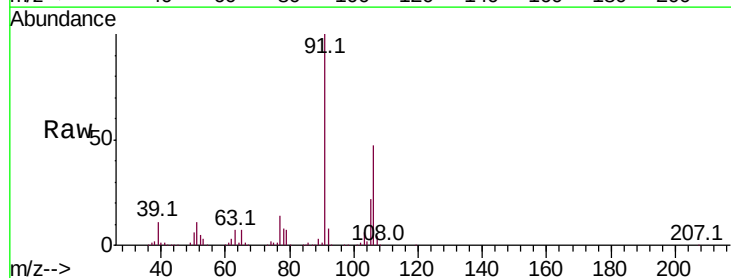
Acq: 2 Oct 2020 00:56

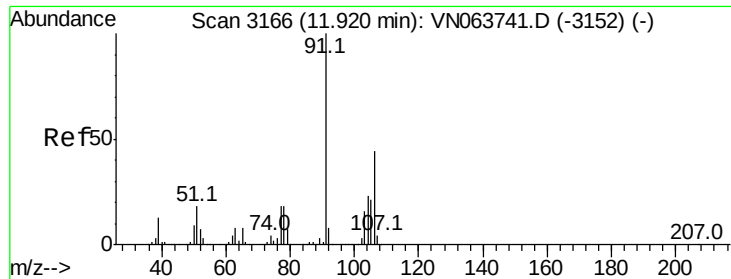
Tgt Ion: 106 Resp: 190501

Ion Ratio Lower Upper

106 100

91 213.1 168.0 252.0

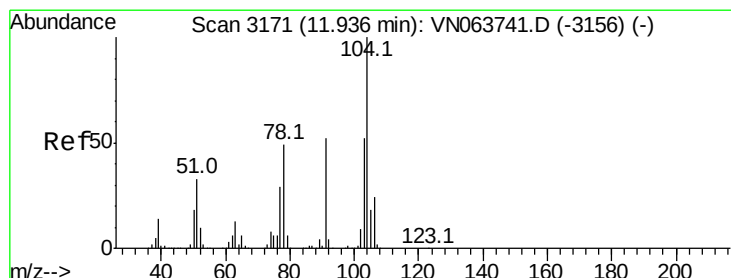
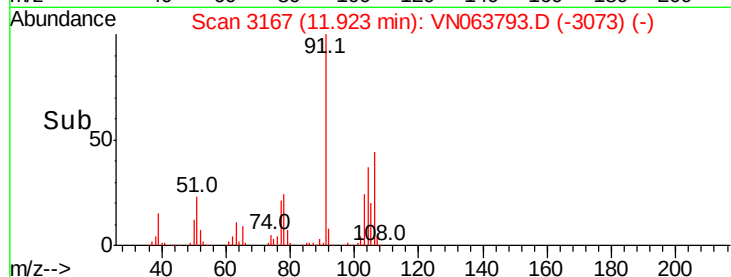
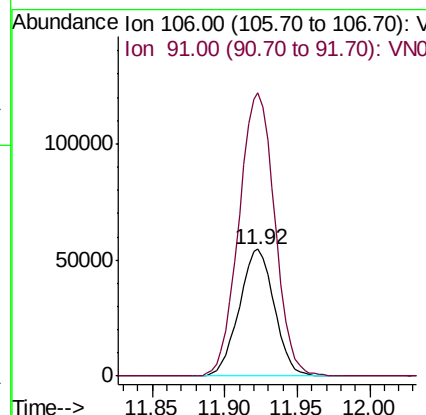
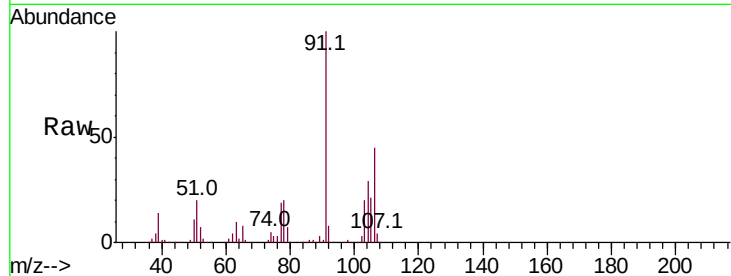




#69
o-Xylene
Concen: 18.182 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

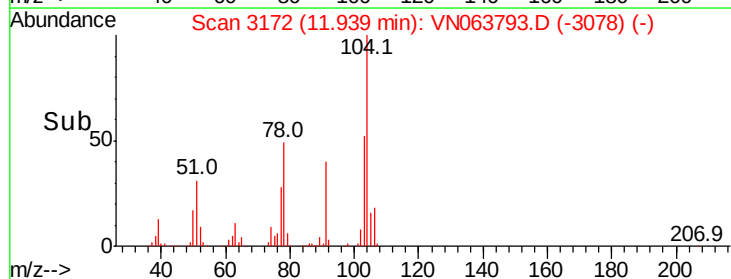
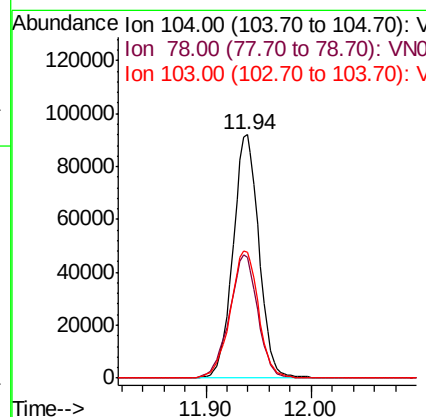
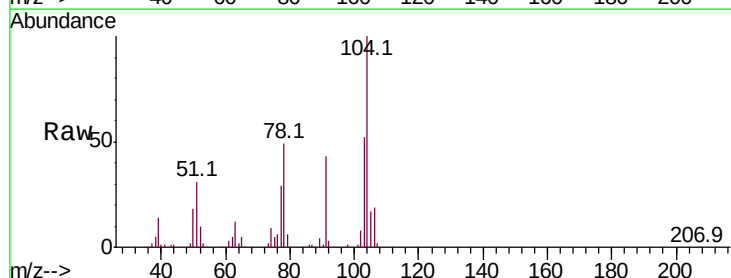
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD02

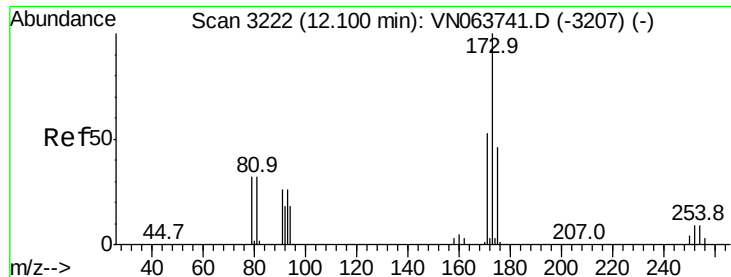
Tot Ion:106 Resp: 92333
Ion Ratio Lower Upper
106 100
91 226.8 112.7 338.0



#70
Styrene
Concen: 18.183 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063793.D
Acq: 2 Oct 2020 00:56

Tgt Ion:104 Resp: 156740
Ion Ratio Lower Upper
104 100
78 55.0 44.1 66.1
103 56.5 44.3 66.5





#71

Bromoform

Concen: 17.708 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

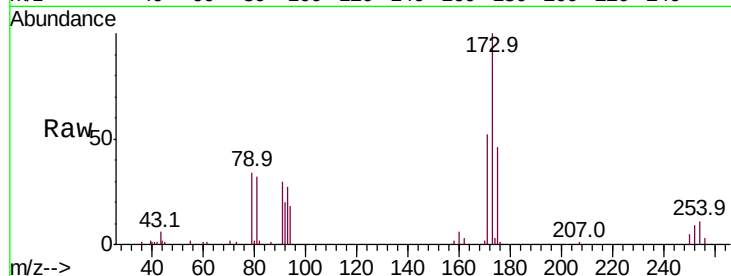
Tot Ion:173 Resp: 41596

Ion Ratio Lower Upper

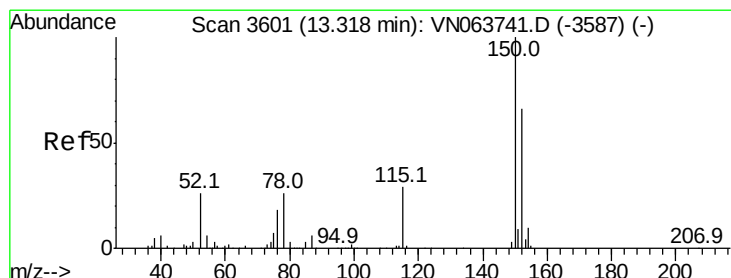
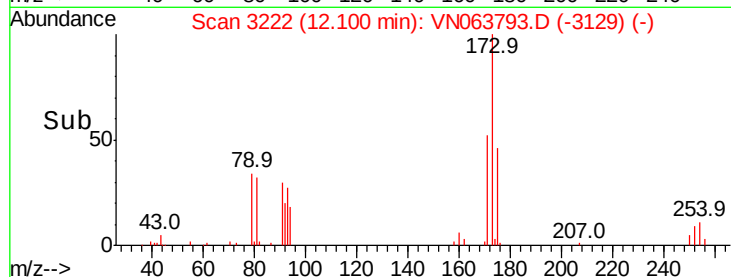
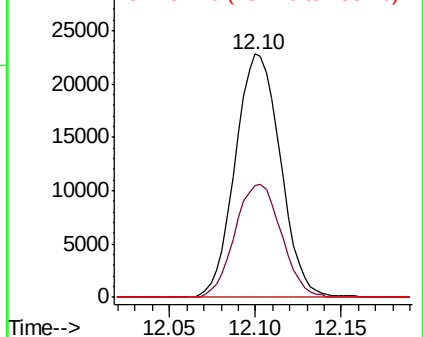
173 100

175 47.7 23.5 70.5

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# 3601

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

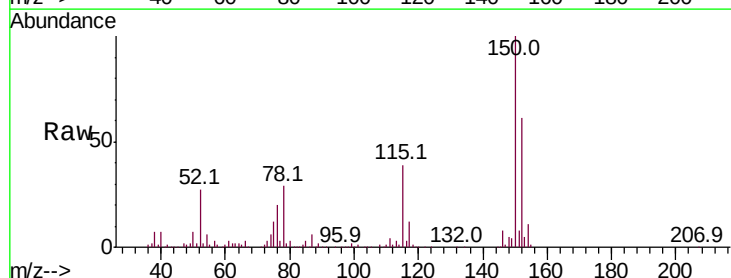
Tgt Ion:152 Resp: 177095

Ion Ratio Lower Upper

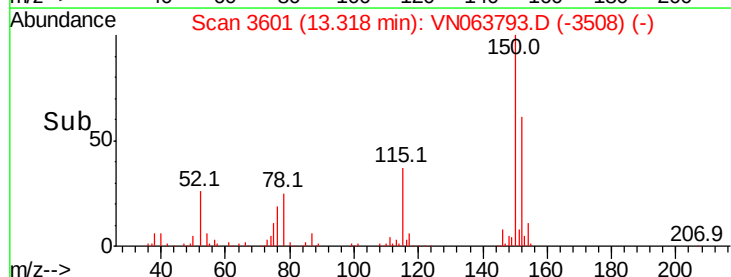
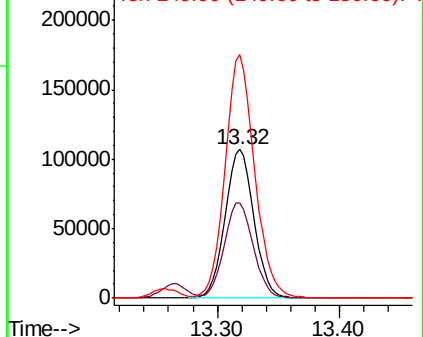
152 100

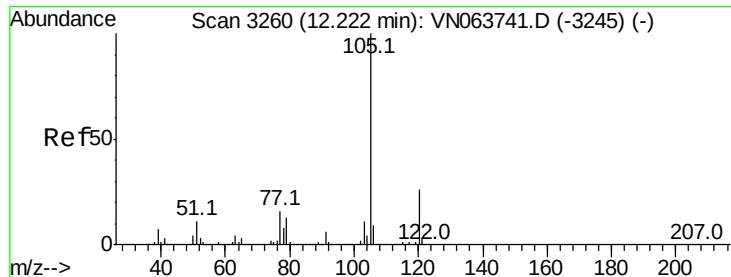
115 65.1 31.3 93.8

150 166.6 0.0 341.8



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





#73

Isopropylbenzene

Concen: 18.566 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

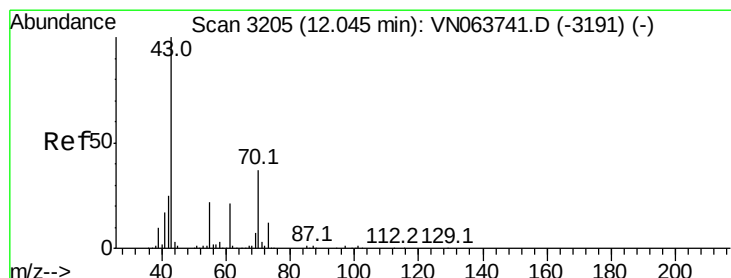
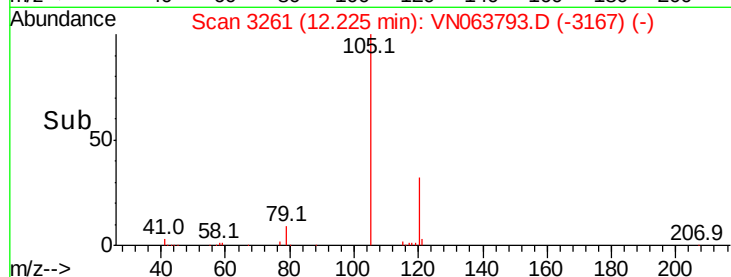
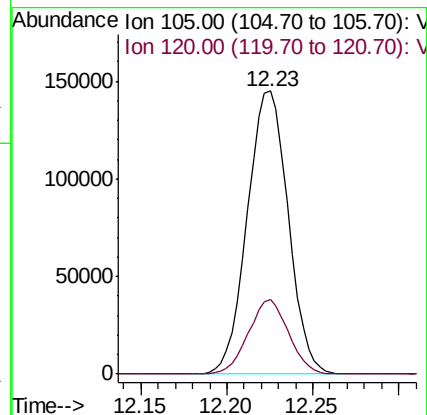
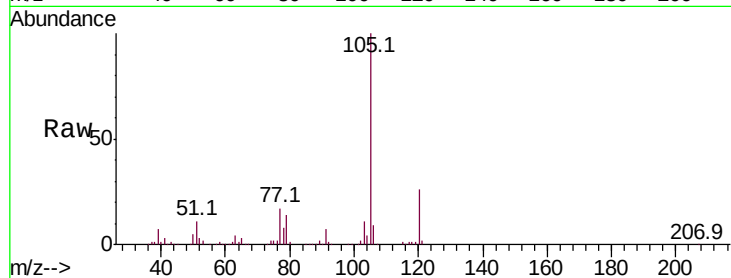
VN1001WBSD02

Tot Ion:105 Resp: 239818

Ion Ratio Lower Upper

105 100

120 25.8 12.6 37.8



#74

N-ethyl acetate

Concen: 19.719 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Tgt Ion: 43 Resp: 109953

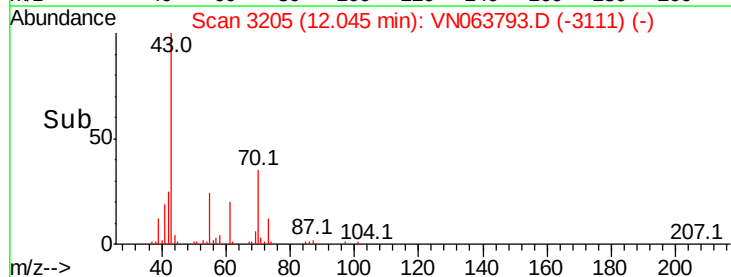
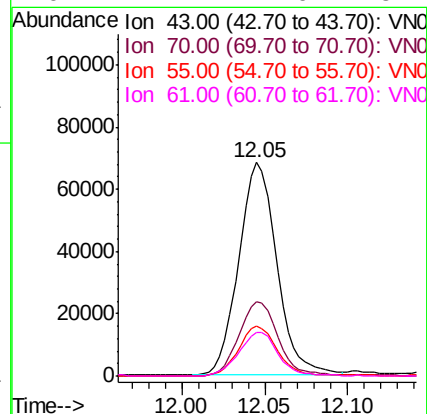
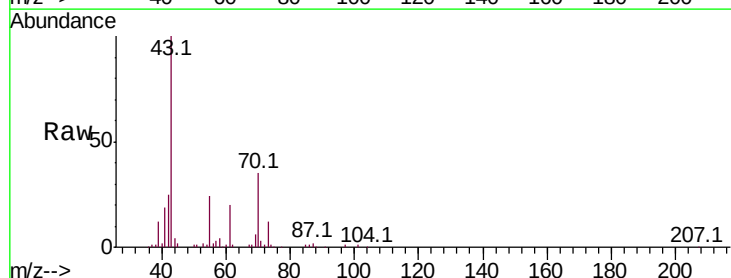
Ion Ratio Lower Upper

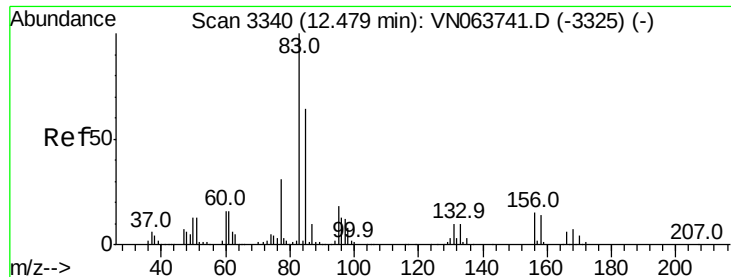
43 100

70 36.1 29.8 44.8

55 23.9 17.9 26.9

61 21.1 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.262 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

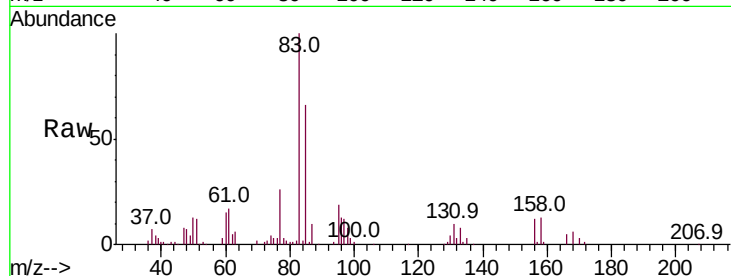
Tot Ion: 83 Resp: 80033

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

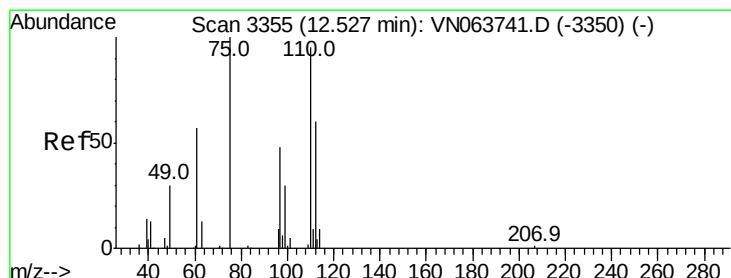
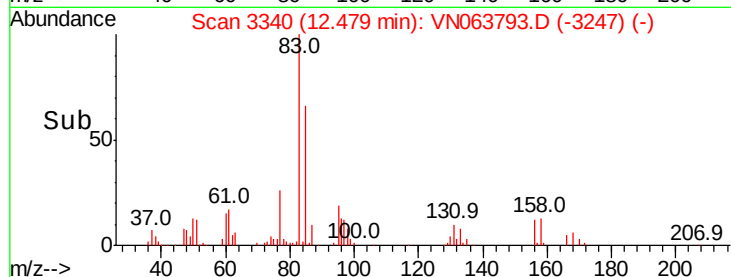
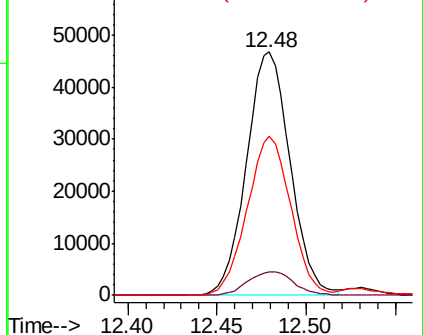
85 65.1 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 27.668 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063793.D

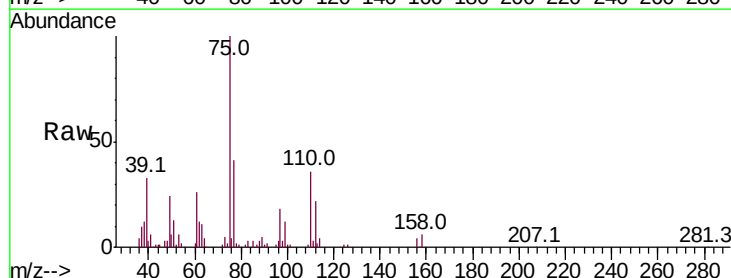
Acq: 2 Oct 2020 00:56

Tgt Ion: 75 Resp: 108014

Ion Ratio Lower Upper

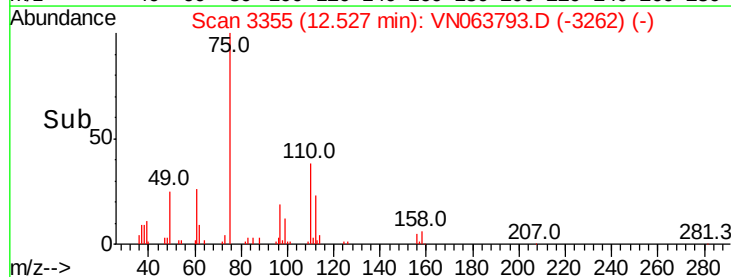
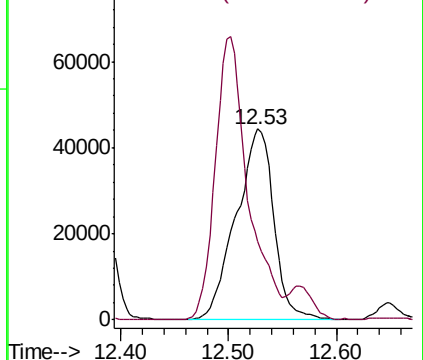
75 100

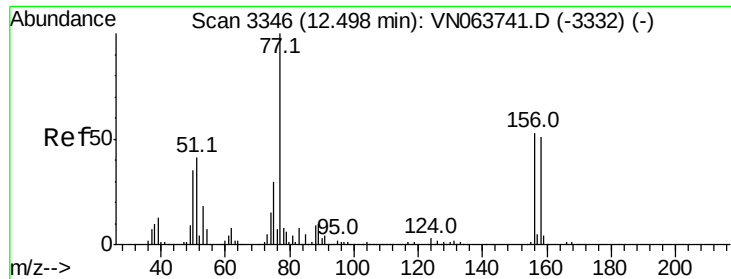
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 18.947 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampled :

VN1001WBSD02

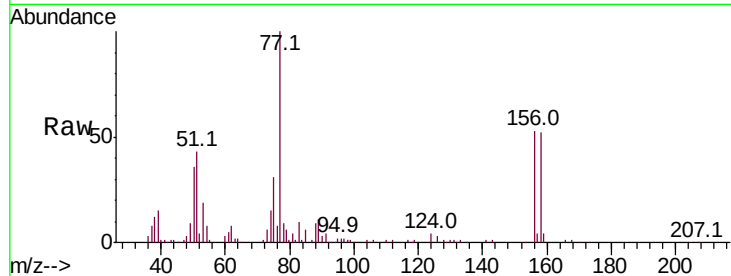
Tot Ion:156 Resp: 60054

Ion Ratio Lower Upper

156 100

77 230.7 110.9 332.7

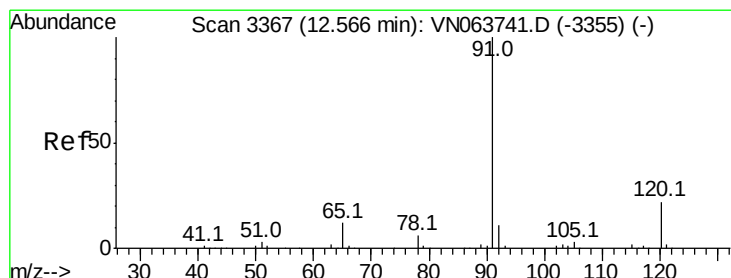
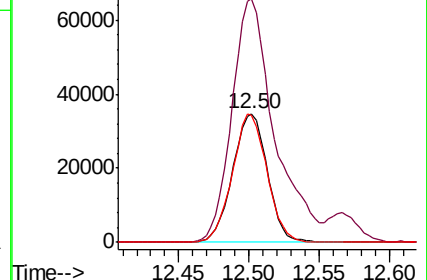
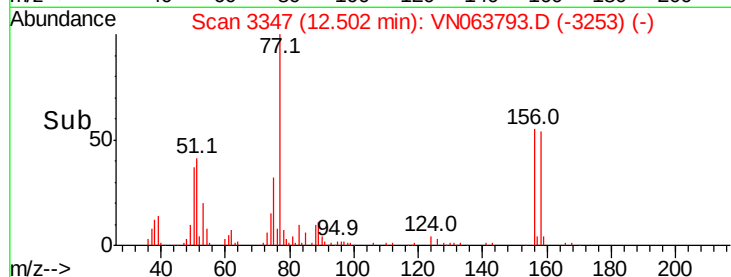
158 99.3 47.7 143.1



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: 17.982 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063793.D

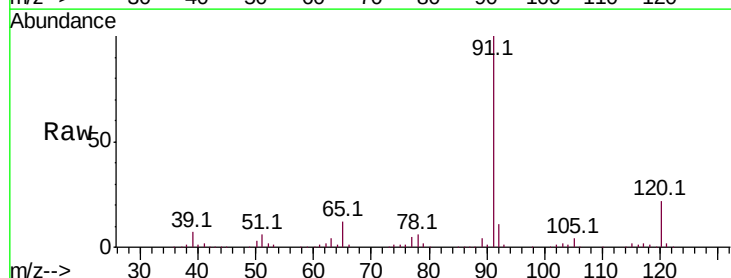
Acq: 2 Oct 2020 00:56

Tgt Ion: 91 Resp: 270319

Ion Ratio Lower Upper

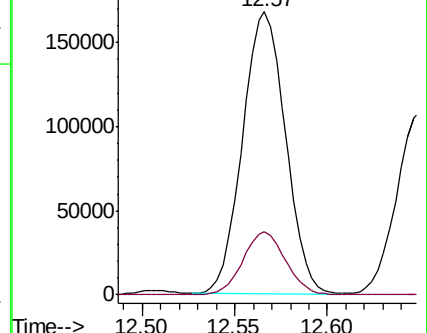
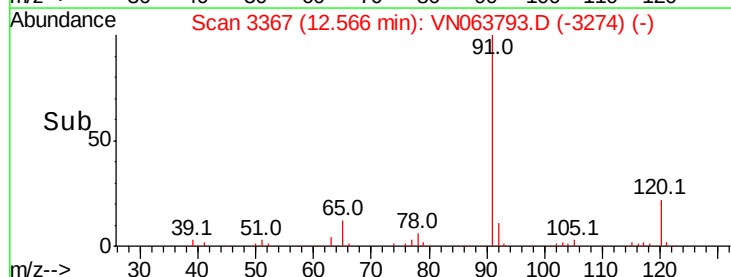
91 100

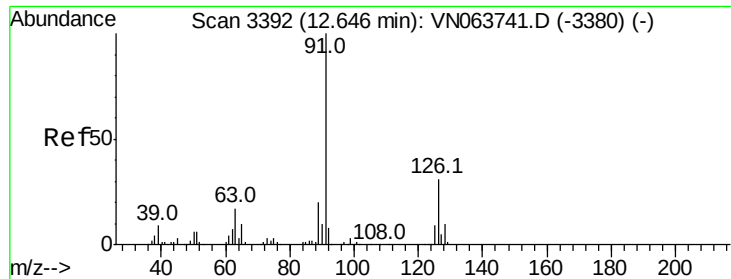
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

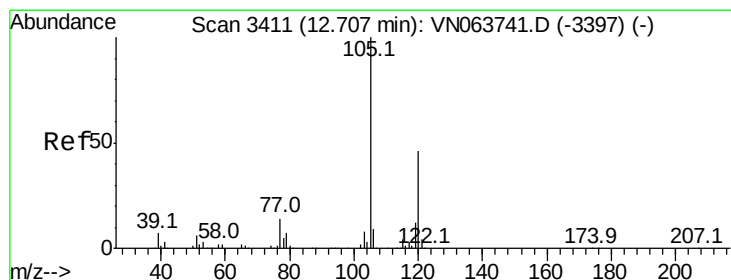
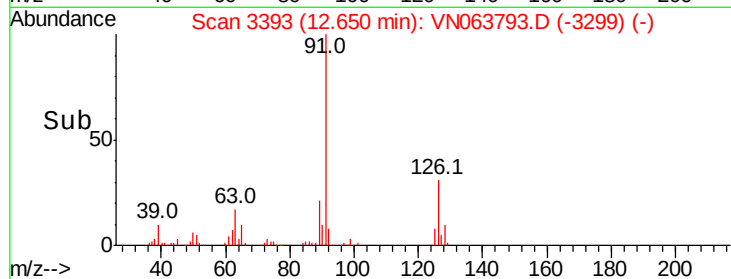
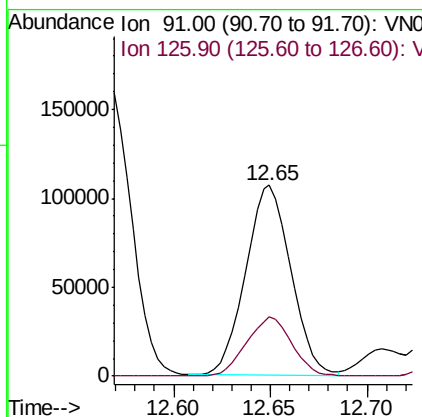
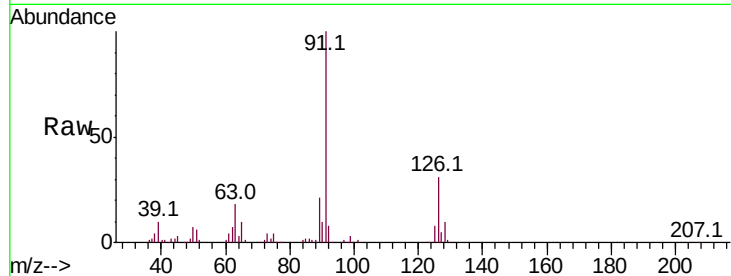




#79
 2-Chlorotoluene
 Concen: 18.764 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

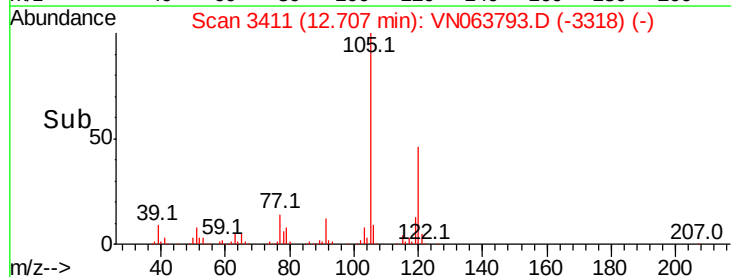
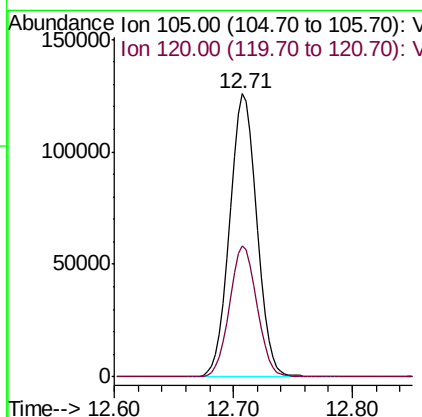
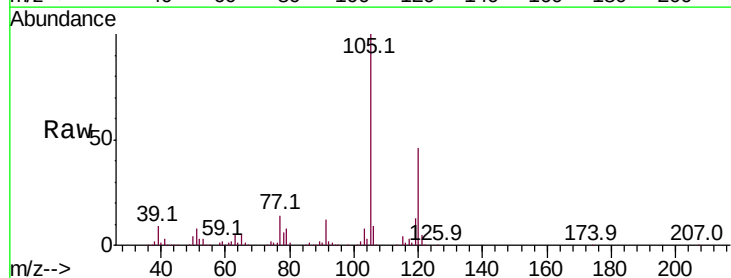
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD02

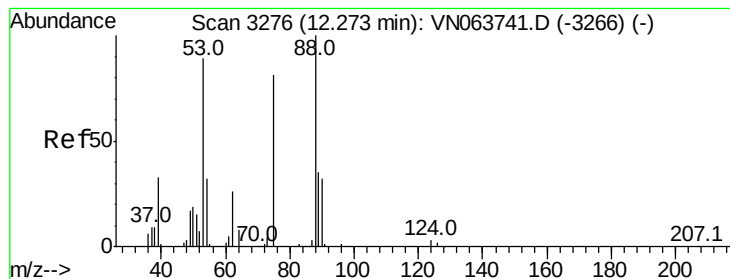
Tot Ion: 91 Resp: 173487
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.370 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Tgt Ion:105 Resp: 199074
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.845 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

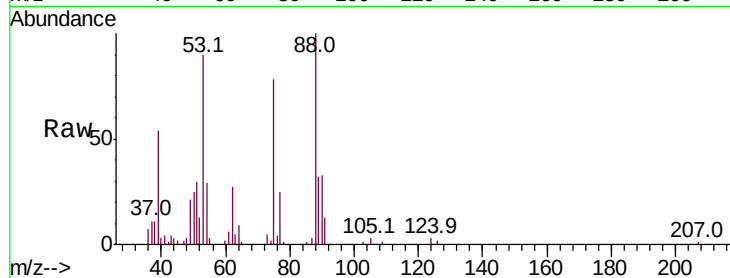
Tot Ion: 75 Resp: 24188

Ion Ratio Lower Upper

75 100

53 109.3 88.2 132.2

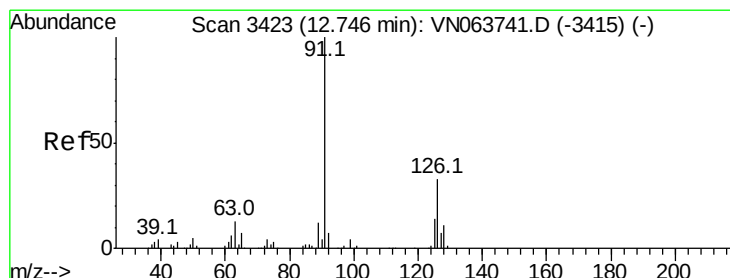
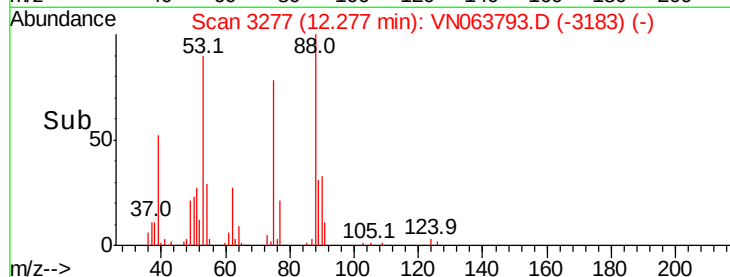
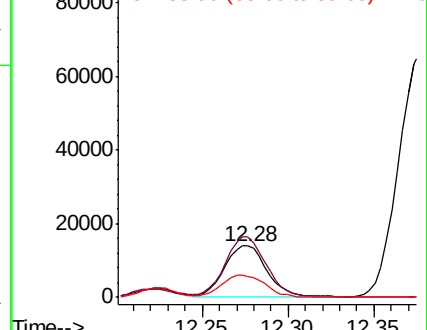
89 44.1 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.048 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063793.D

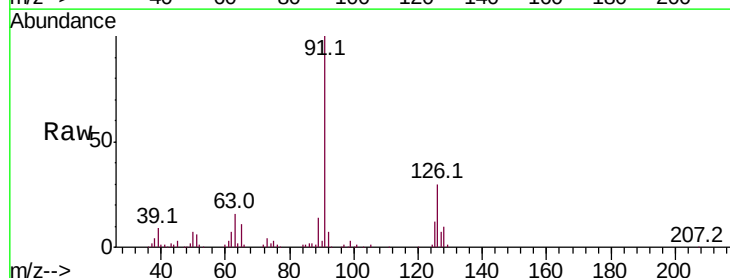
Acq: 2 Oct 2020 00:56

Tgt Ion: 91 Resp: 182824

Ion Ratio Lower Upper

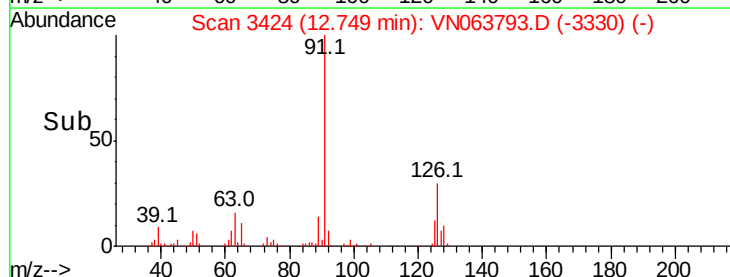
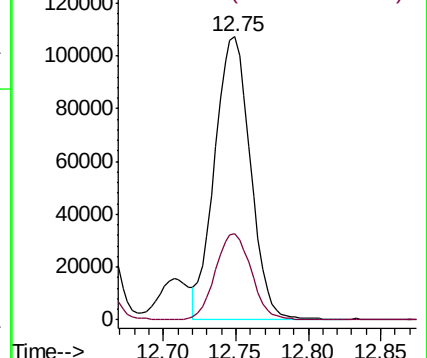
91 100

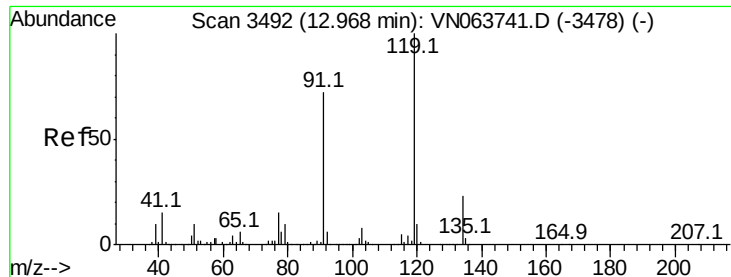
126 30.9 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

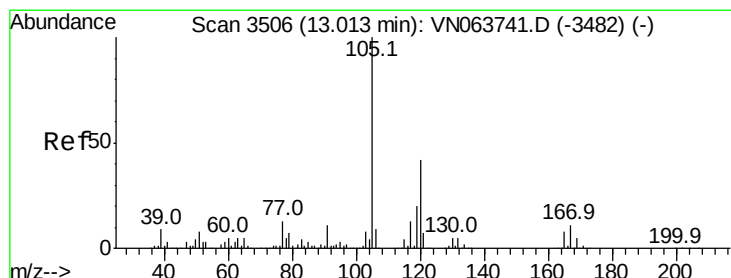
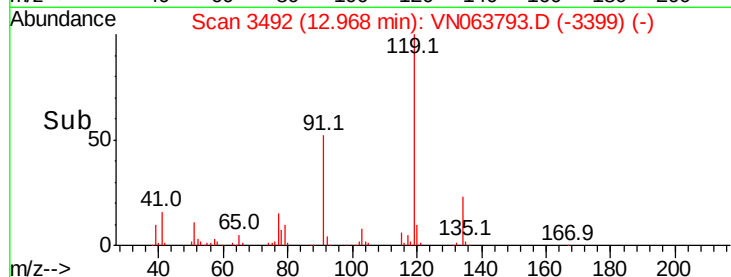
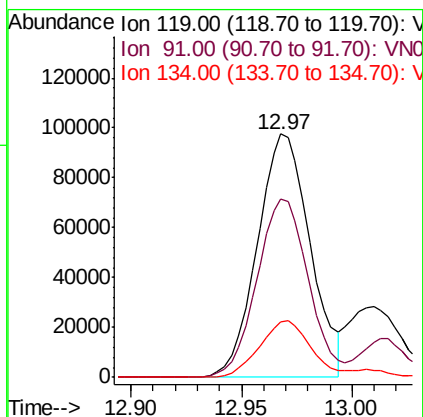
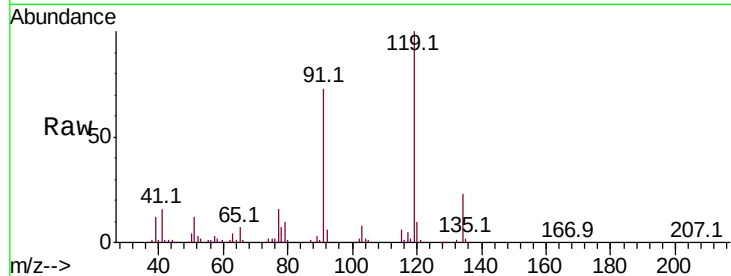




#83
 tert-Butylbenzene
 Concen: 18.259 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

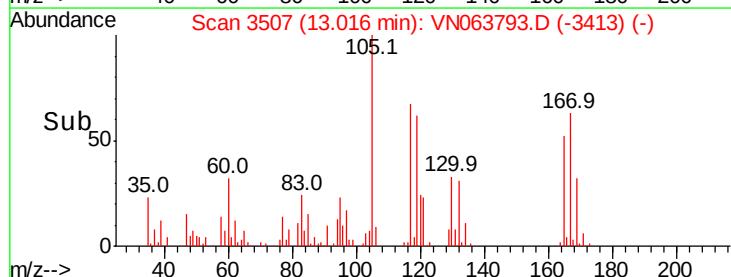
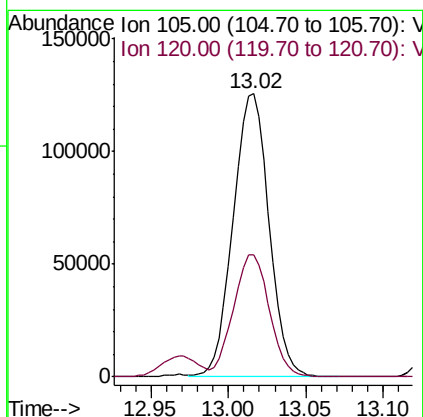
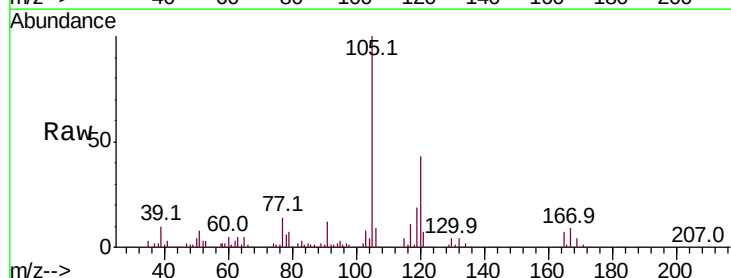
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD02

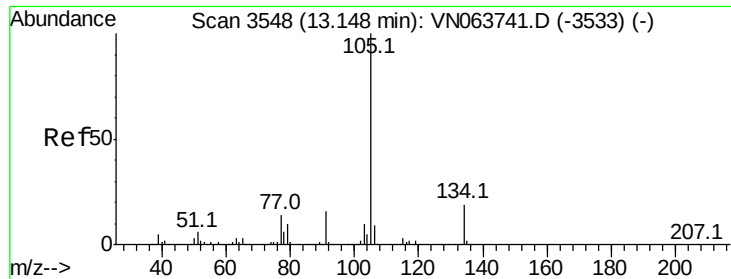
Tot Ion:119 Resp: 161856
 Ion Ratio Lower Upper
 119 100
 91 71.4 35.5 106.5
 134 22.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.663 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Tgt Ion:105 Resp: 201925
 Ion Ratio Lower Upper
 105 100
 120 43.1 20.9 62.7

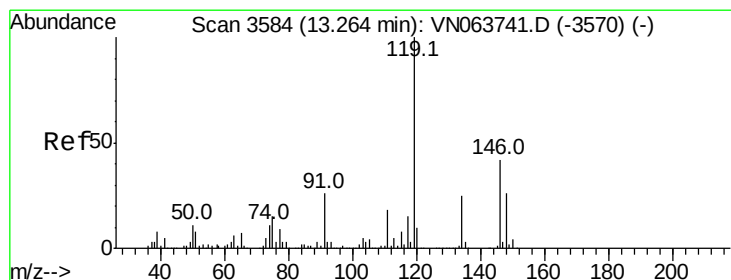
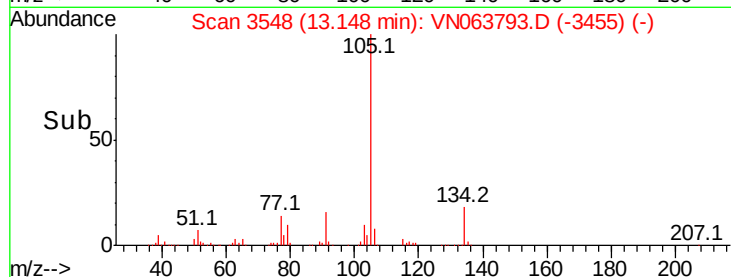
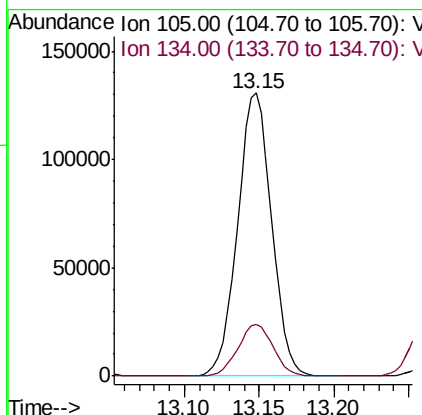
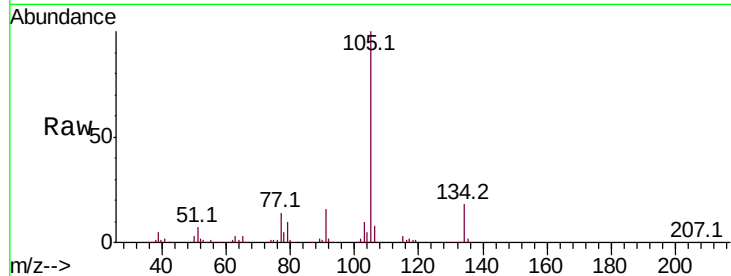




#85
 sec-Butylbenzene
 Concen: 17.627 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

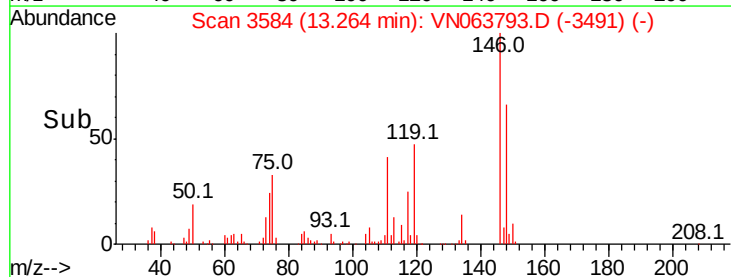
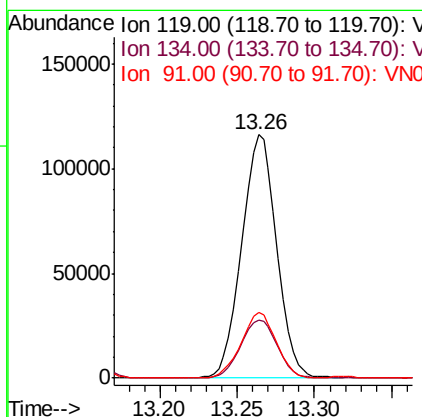
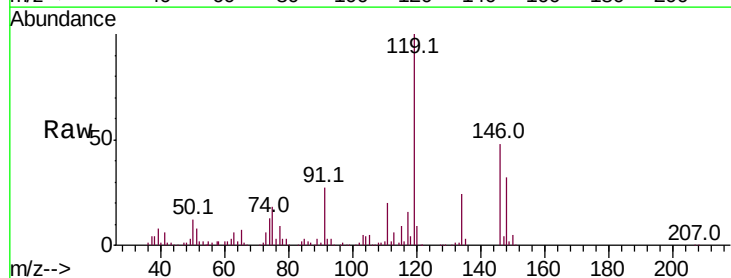
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD02

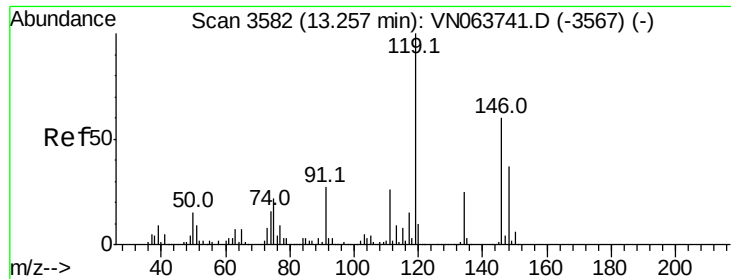
Tot Ion:105 Resp: 205230
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 17.751 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063793.D
 Acq: 2 Oct 2020 00:56

Tgt Ion:119 Resp: 182827
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 27.2 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 18.403 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

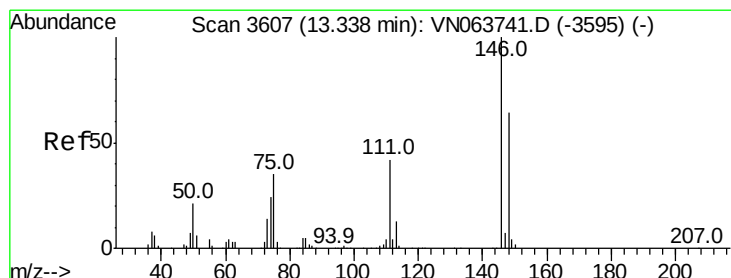
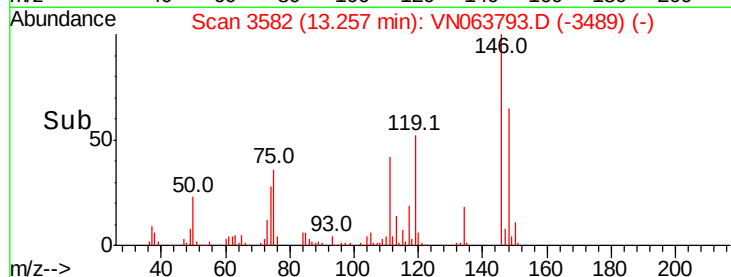
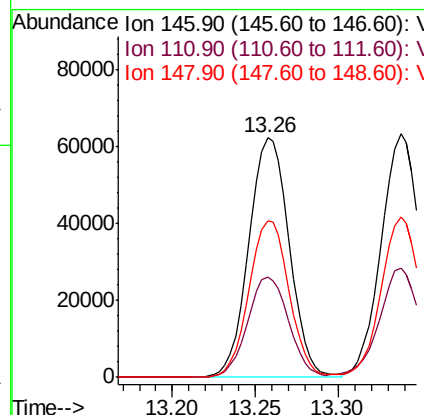
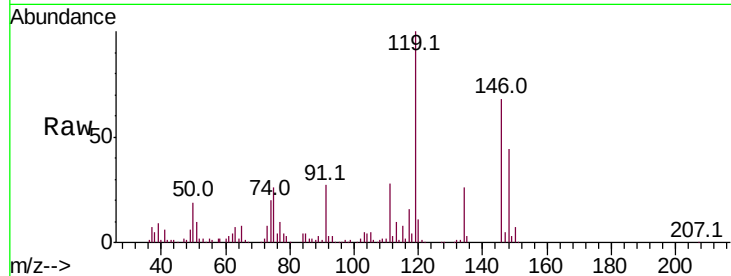
Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD02

Tot Ion:146 Resp: 105524

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	65.1	31.1	93.3



#88

1,4-Dichlorobenzene

Concen: 17.451 ug/l

RT: 13.34 min Scan# 3607

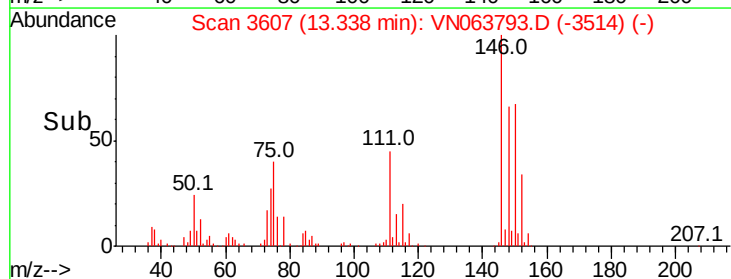
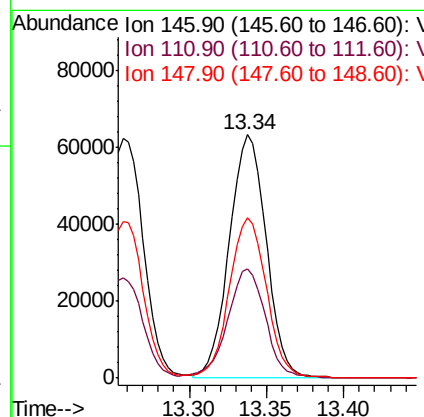
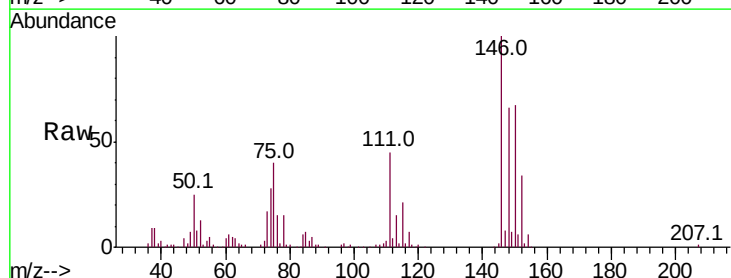
Delta R.T. 0.00 min

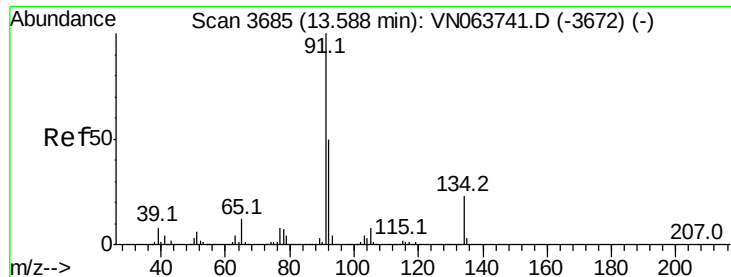
Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Tgt Ion:146 Resp: 104193

Ion	Ratio	Lower	Upper
146	100		
111	46.3	21.3	63.7
148	66.9	32.0	96.0





#89

n-Butylbenzene

Concen: 15.926 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

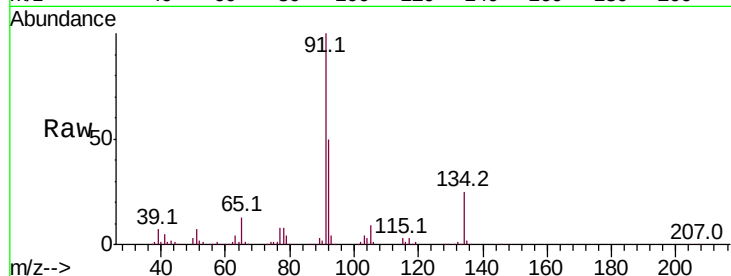
Tot Ion: 91 Resp: 151399

Ion Ratio Lower Upper

91 100

92 50.6 25.4 76.4

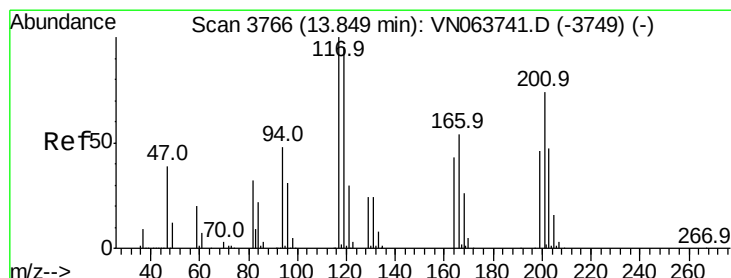
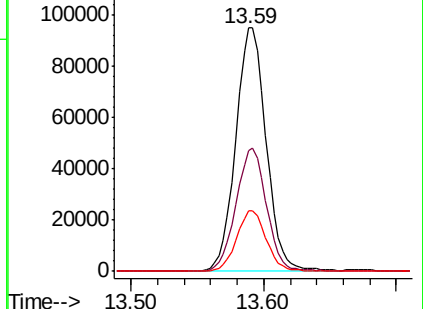
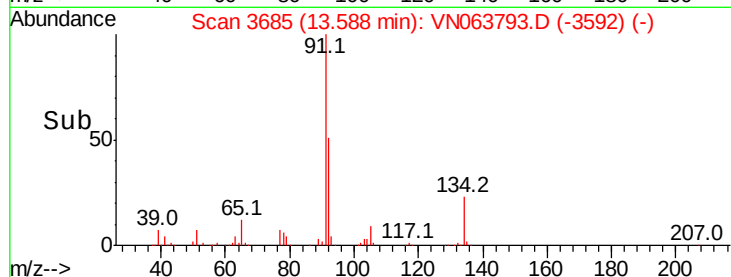
134 24.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)



#90

Hexachloroethane

Concen: 17.575 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063793.D

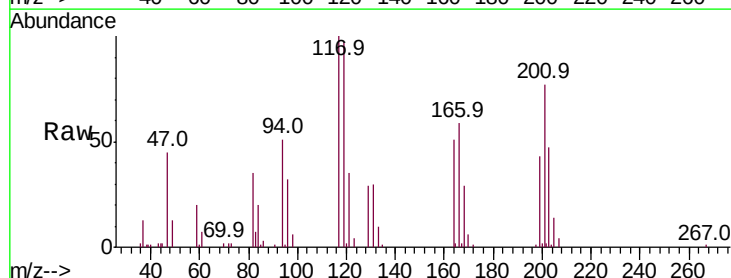
Acq: 2 Oct 2020 00:56

Tgt Ion: 117 Resp: 35077

Ion Ratio Lower Upper

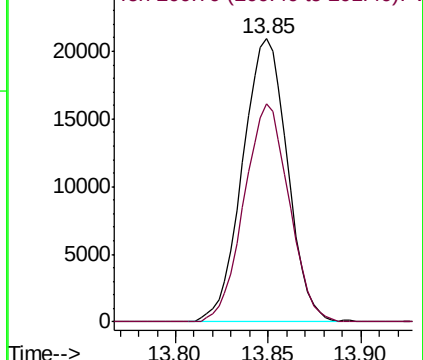
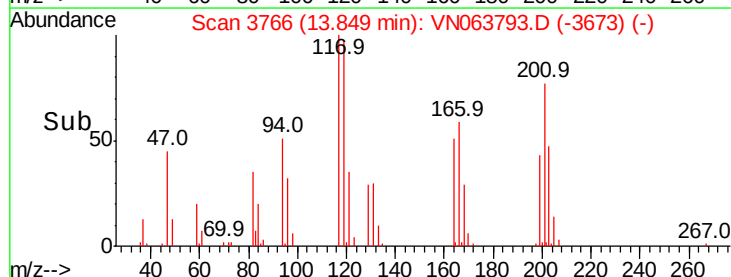
117 100

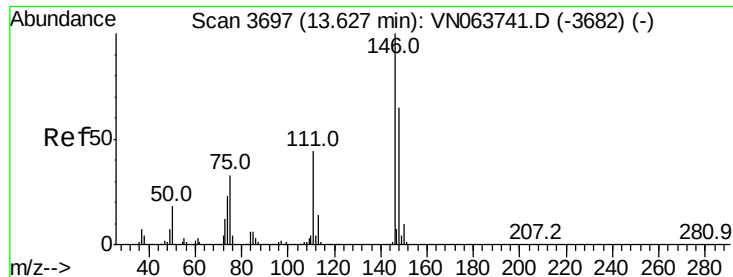
201 77.3 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 18.749 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

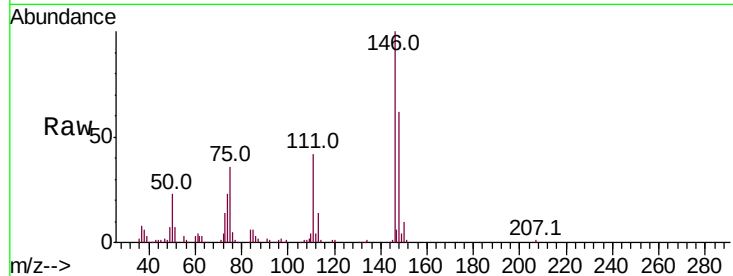
Tot Ion:146 Resp: 106484

Ion Ratio Lower Upper

146 100

111 43.9 22.2 66.6

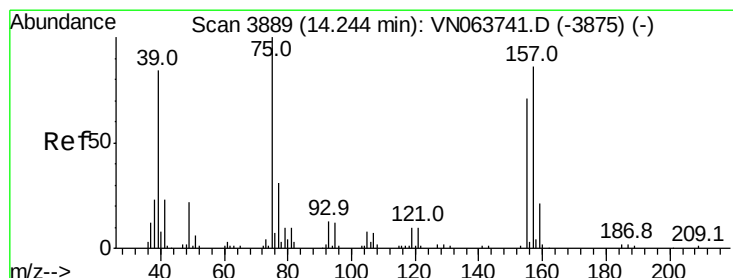
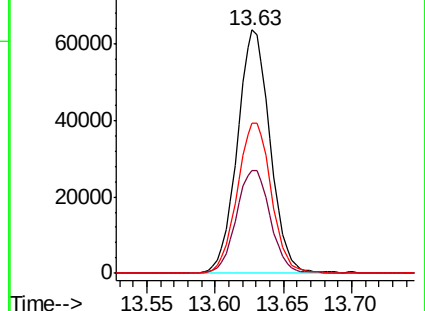
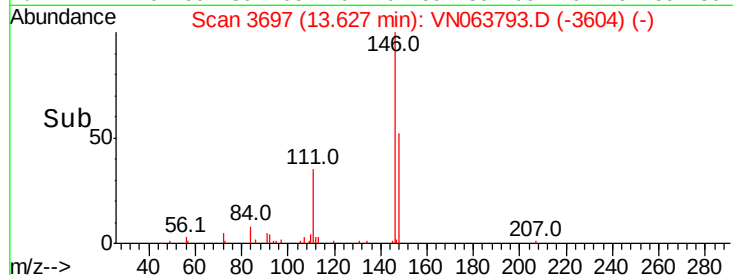
148 64.0 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.515 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

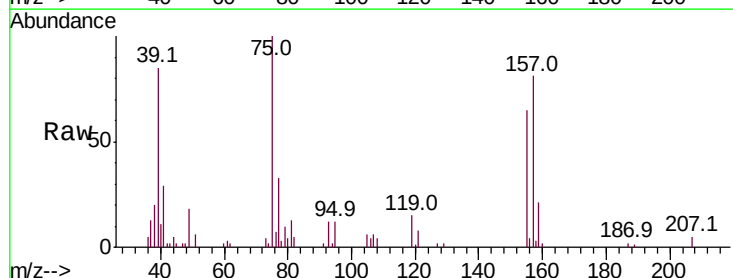
Tgt Ion: 75 Resp: 18077

Ion Ratio Lower Upper

75 100

155 64.8 34.8 104.5

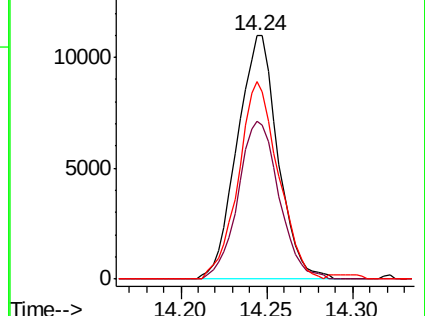
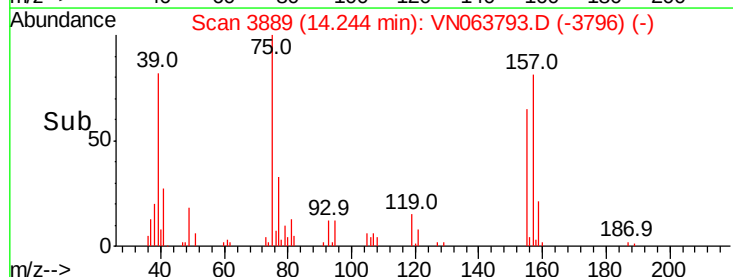
157 79.4 43.7 131.1

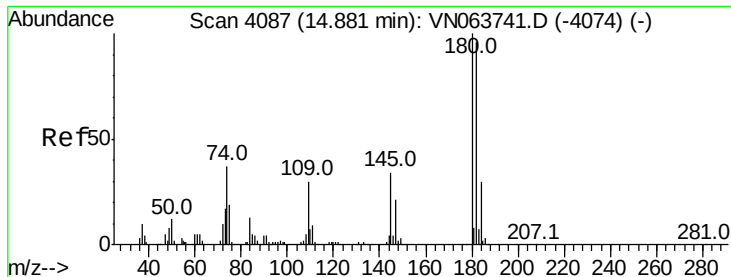


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 17.391 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

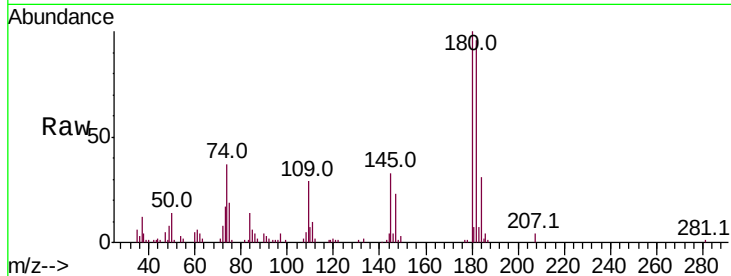
Tot Ion:180 Resp: 50086

Ion Ratio Lower Upper

180 100

182 97.1 48.2 144.6

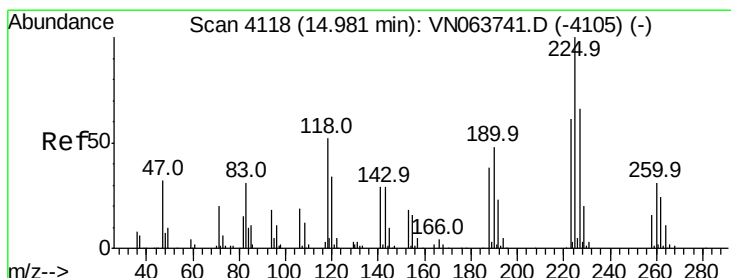
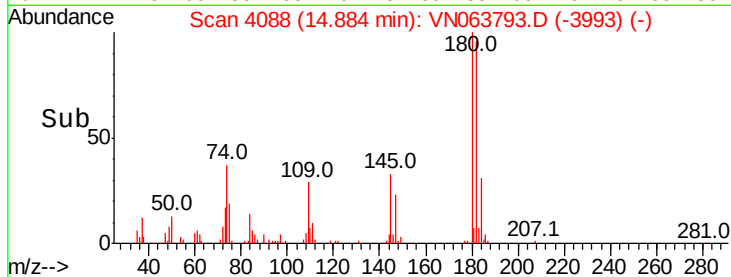
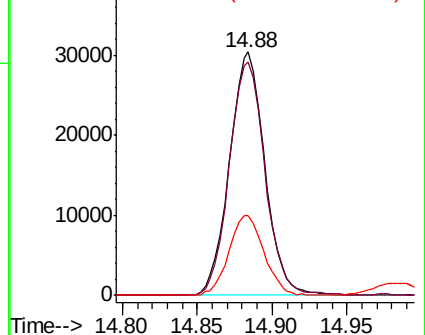
145 32.2 17.1 51.2



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: 16.581 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

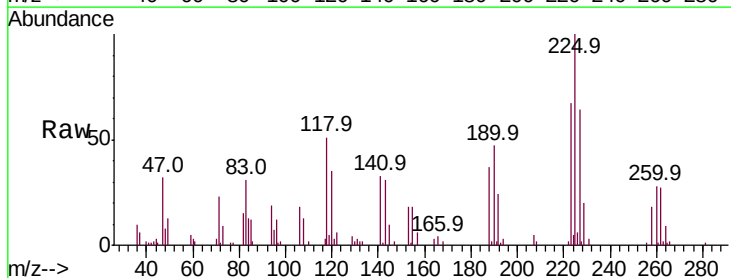
Tgt Ion:225 Resp: 25465

Ion Ratio Lower Upper

225 100

223 67.3 30.3 91.0

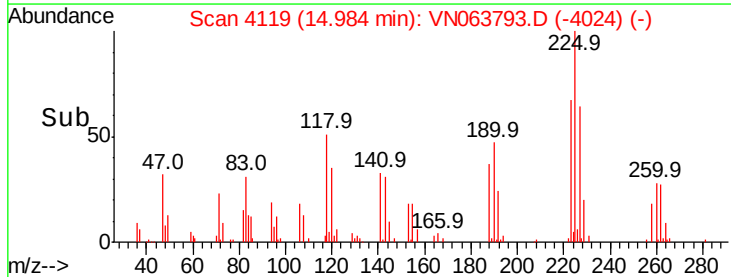
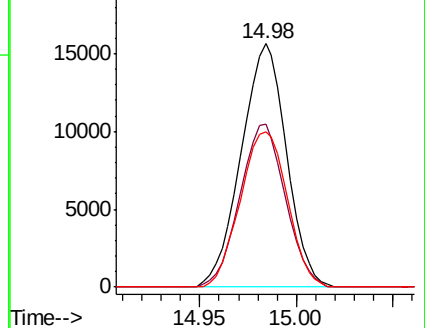
227 66.3 31.9 95.5

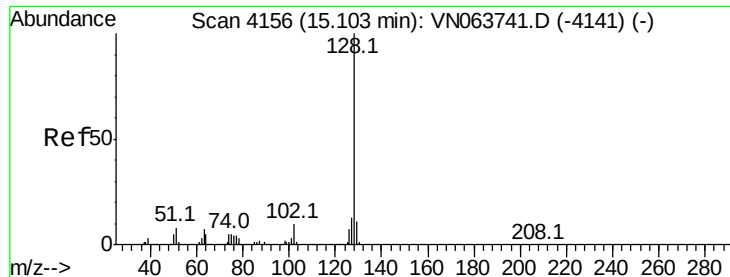


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.508 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD02

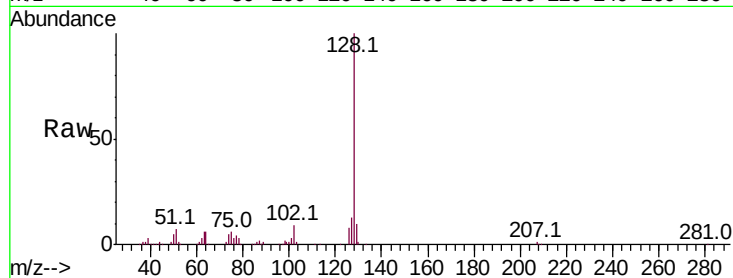
Tot Ion:128 Resp: 164815

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

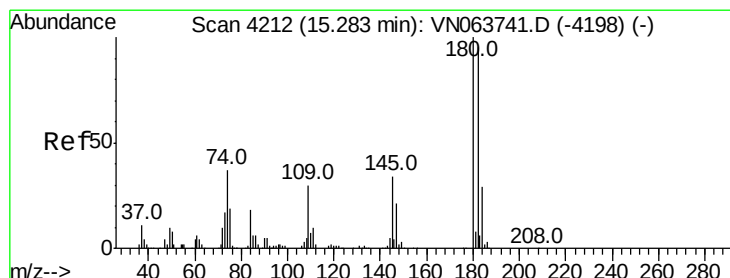
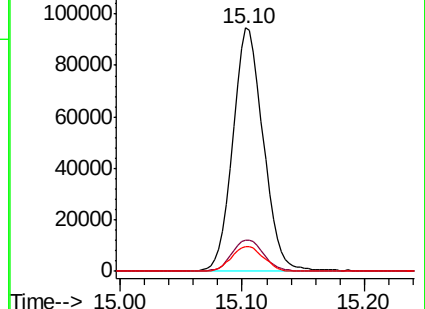
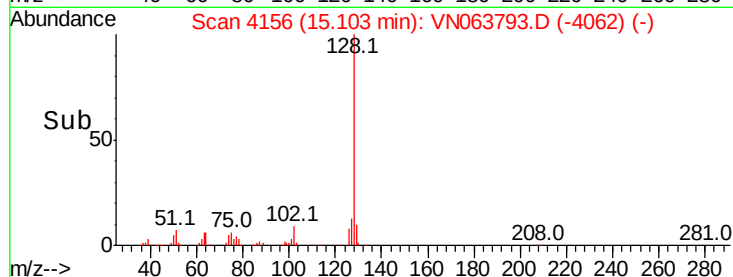
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.678 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063793.D

Acq: 2 Oct 2020 00:56

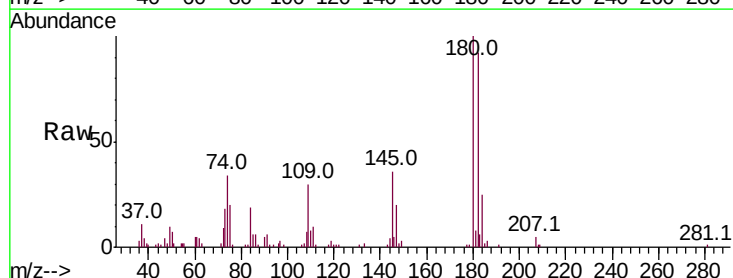
Tgt Ion:180 Resp: 49818

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.6

145 34.0 17.2 51.5



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

