

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
 Data File : VN063726.D
 Acq On : 29 Sep 2020 14:40
 Operator : JC/MD
 Sample : VN0929WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

Quant Time: Sep 30 00:50:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	250141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189473	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	208568	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.55	113	146223	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.06	98	527705	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.38	95	204098	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43774	15.447	ug/l	98
3) Chloromethane	2.04	50	54378	14.505	ug/l	99
4) Vinyl Chloride	2.16	62	53977	16.251	ug/l	97
5) Bromomethane	2.53	94	34623	17.556	ug/l	95
6) Chloroethane	2.68	64	36093	17.703	ug/l	92
7) Trichlorofluoromethane	2.98	101	93278	18.823	ug/l	96
8) Diethyl Ether	3.38	74	34746	17.986	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	51410	18.447	ug/l	99
10) Methyl Iodide	3.91	142	55403	15.269	ug/l	96
11) Tert butyl alcohol	4.73	59	53781	91.171	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	48666	17.240	ug/l	92
13) Acrolein	3.57	56	12486	57.117	ug/l	99
14) Allyl chloride	4.28	41	89329	15.998	ug/l	92
15) Acrylonitrile	4.93	53	140524	93.652	ug/l	98
16) Acetone	3.77	43	129677	94.761	ug/l	99
17) Carbon Disulfide	4.01	76	115541	14.072	ug/l	98
18) Methyl Acetate	4.27	43	71679	20.633	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	190761	18.132	ug/l	97
20) Methylene Chloride	4.51	84	59862	17.265	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	52246	16.706	ug/l	95
22) Diisopropyl ether	5.90	45	200387	17.597	ug/l	99
23) Vinyl Acetate	5.84	43	820456	87.728	ug/l	98
24) 1,1-Dichloroethane	5.79	63	109006	17.533	ug/l	99
25) 2-Butanone	6.78	43	195875	93.067	ug/l	97
26) 2,2-Dichloropropane	6.78	77	94428	17.251	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	63355	17.897	ug/l	99
28) Bromochloromethane	7.14	49	56385	19.642	ug/l	96
29) Tetrahydrofuran	7.17	42	131639	91.578	ug/l	100
30) Chloroform	7.33	83	117822	18.889	ug/l	96
31) Cyclohexane	7.61	56	86924	14.781	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	99085	17.860	ug/l	97
36) 1,1-Dichloropropene	7.75	75	78931	18.007	ug/l	99
37) Ethyl Acetate	6.88	43	83567	19.425	ug/l	99
38) Carbon Tetrachloride	7.73	117	87787	19.619	ug/l	94

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Quant Time: Sep 30 00:50:59 2020
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 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	76624	16.107	ug/l	96
40) Benzene	8.00	78	232059	18.546	ug/l	97
41) Methacrylonitrile	7.13	41	36210	18.714	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	102396	20.349	ug/l	100
43) Isopropyl Acetate	8.13	43	147013	19.111	ug/l #	90
44) Trichloroethene	8.80	130	59599	19.638	ug/l	99
45) 1,2-Dichloropropane	9.08	63	64021	18.786	ug/l	99
46) Dibromomethane	9.17	93	46673	20.837	ug/l	98
47) Bromodichloromethane	9.37	83	93405	20.073	ug/l	98
48) Methyl methacrylate	9.17	41	70439	18.638	ug/l	96
49) 1,4-Dioxane	9.16	88	19571	360.847	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	436453	101.347	ug/l	100
52) Toluene	10.13	92	145632	19.358	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	99569	19.167	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	103649	18.916	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	60849	20.363	ug/l	98
56) Ethyl methacrylate	10.40	69	86428	18.527	ug/l	96
57) 1,3-Dichloropropane	10.68	76	104696	19.429	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	212661	86.902	ug/l	97
59) 2-Hexanone	10.72	43	318855	102.198	ug/l	99
60) Dibromochloromethane	10.87	129	68730	20.359	ug/l	98
61) 1,2-Dibromoethane	10.98	107	61550	19.826	ug/l	96
64) Tetrachloroethene	10.60	164	56030	21.177	ug/l	98
65) Chlorobenzene	11.41	112	157421	19.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	60384	19.972	ug/l	97
67) Ethyl Benzene	11.49	91	287098	18.484	ug/l	99
68) m/p-Xylenes	11.59	106	209070	37.332	ug/l	100
69) o-Xylene	11.92	106	100365	18.813	ug/l	100
70) Styrene	11.94	104	169598	18.957	ug/l	99
71) Bromoform	12.10	173	46298	20.555	ug/l #	100
73) Isopropylbenzene	12.23	105	273448	18.010	ug/l	100
74) N-amyl acetate	12.05	43	123133	17.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	87862	18.689	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	123349	26.302	ug/l #	100
77) Bromobenzene	12.50	156	66740	19.541	ug/l	94
78) n-propylbenzene	12.57	91	320774	18.139	ug/l	100
79) 2-Chlorotoluene	12.65	91	197146	18.597	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	232450	18.360	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	30872	18.048	ug/l	98
82) 4-Chlorotoluene	12.75	91	204162	18.228	ug/l	99
83) tert-Butylbenzene	12.97	119	187338	17.928	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	234092	18.305	ug/l	100
85) sec-Butylbenzene	13.15	105	247996	17.730	ug/l	99
86) p-Isopropyltoluene	13.26	119	220078	17.839	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	121226	19.150	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	121163	18.826	ug/l	97
89) n-Butylbenzene	13.59	91	194259	17.083	ug/l	99
90) Hexachloroethane	13.85	117	41383	17.616	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	120774	19.433	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19894	17.771	ug/l	96

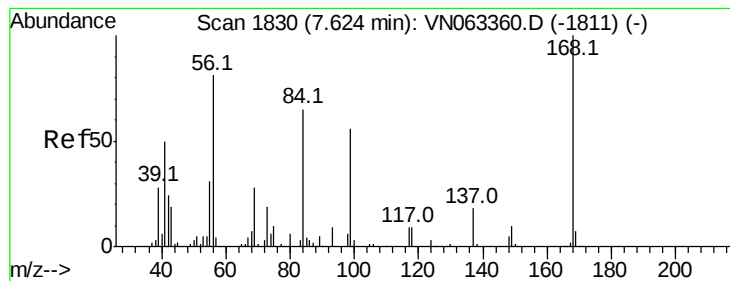
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	65187	17.792	ug/l	98
94) Hexachlorobutadiene	14.98	225	32700	21.558	ug/l	99
95) Naphthalene	15.10	128	201545	16.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	61333	17.325	ug/l	96

(#) = 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: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

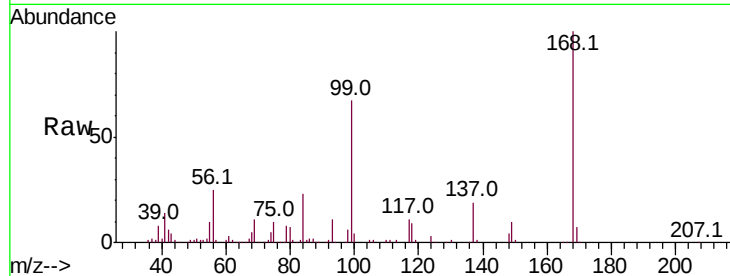
VN0929WBSD01

Tot Ion:168 Resp: 250141

Ion Ratio Lower Upper

168 100

99 66.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

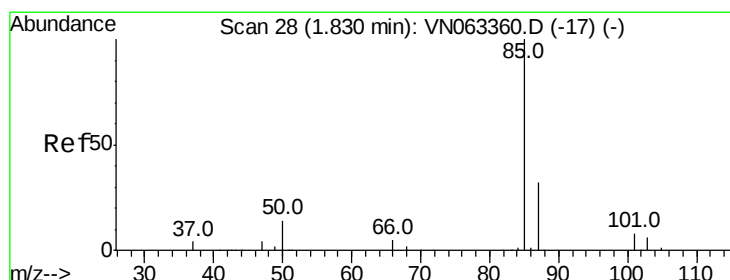
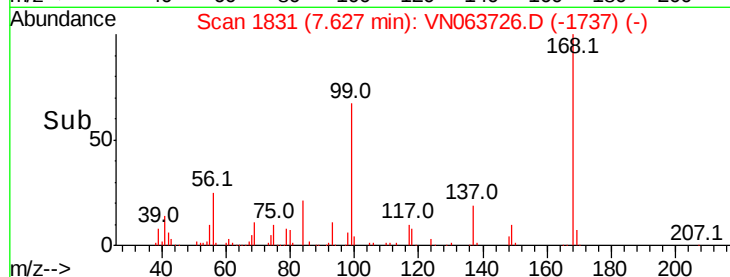
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.447 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063726.D

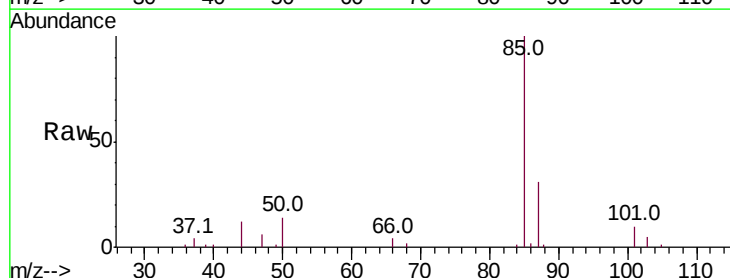
Acq: 29 Sep 2020 14:40

Tgt Ion: 85 Resp: 43774

Ion Ratio Lower Upper

85 100

87 30.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

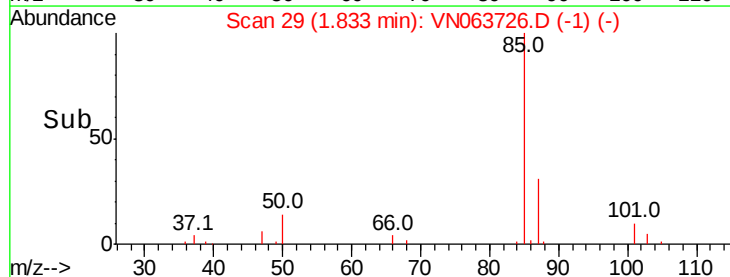
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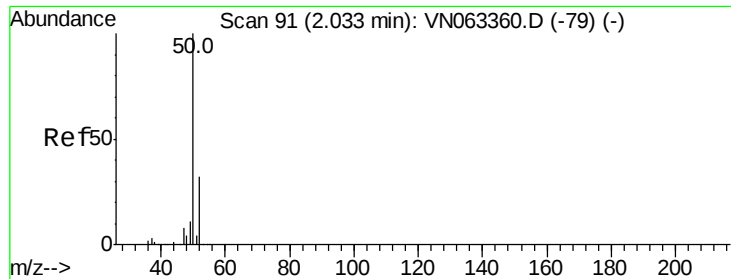
20000

10000

0

Time-->





#3

Chloromethane

Concen: 14.505 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

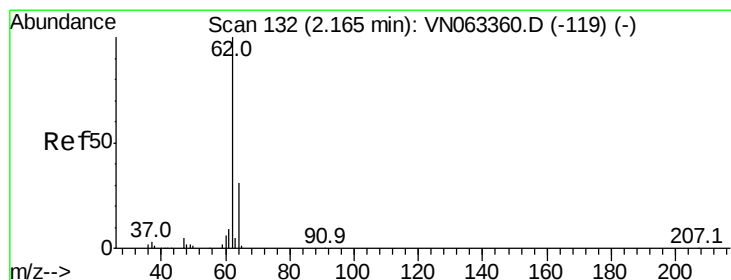
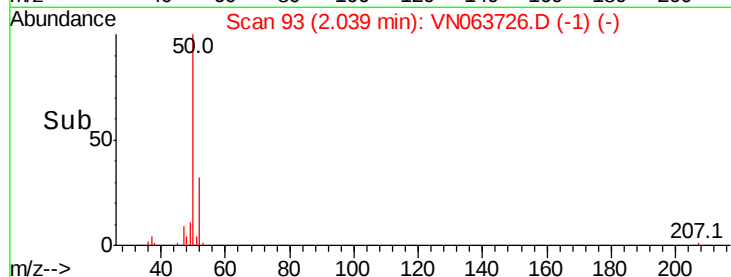
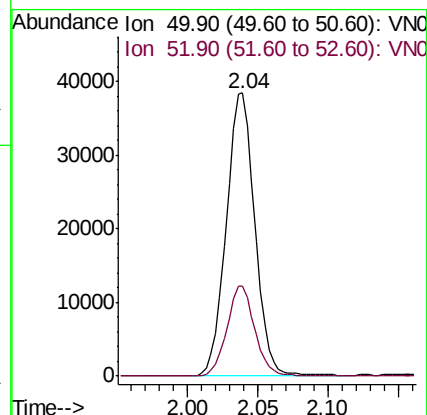
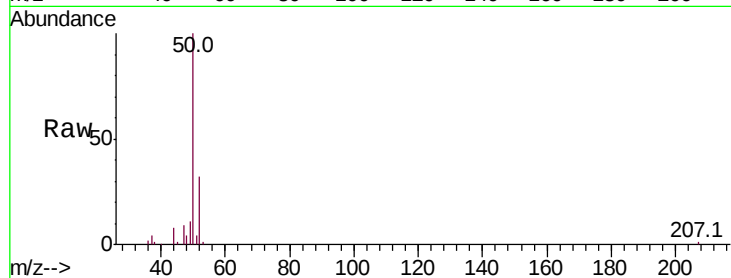
VN0929WBSD01

Tot Ion: 50 Resp: 54378

Ion Ratio Lower Upper

50 100

52 31.8 25.9 38.9



#4

Vinyl Chloride

Concen: 16.251 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063726.D

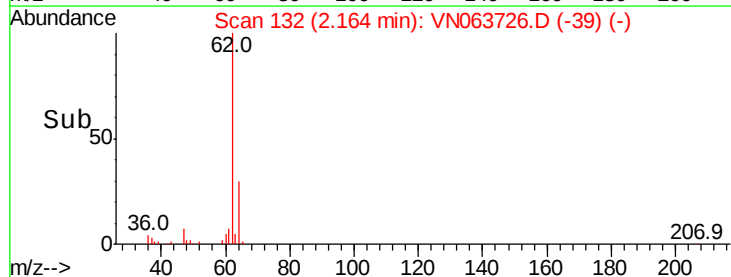
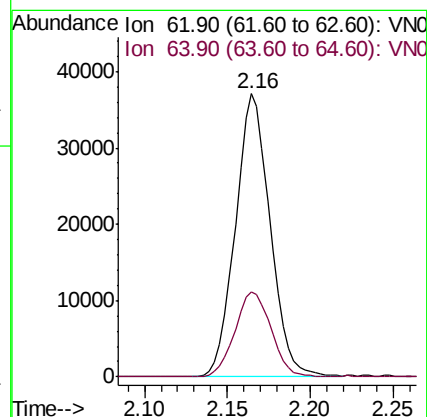
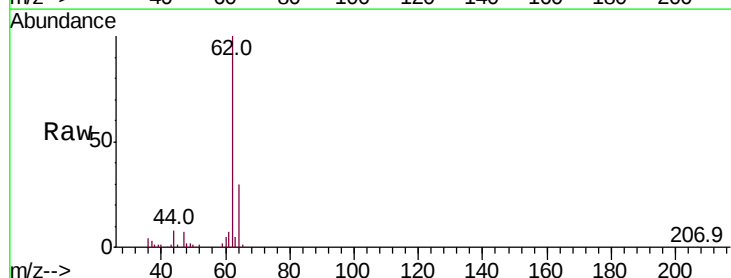
Acq: 29 Sep 2020 14:40

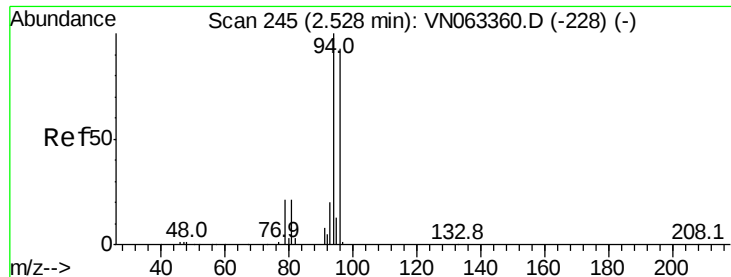
Tgt Ion: 62 Resp: 53977

Ion Ratio Lower Upper

62 100

64 29.9 25.1 37.7





#5

Bromomethane

Concen: 17.556 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

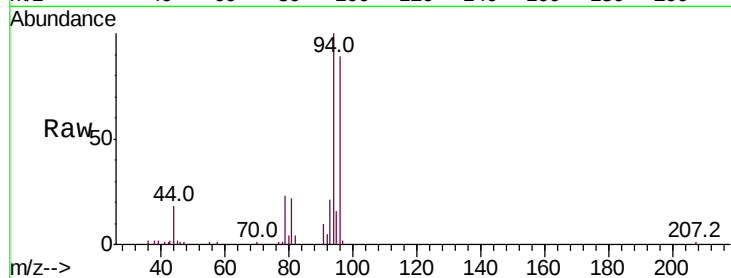
VN0929WBSD01

Tot Ion: 94 Resp: 34623

Ion Ratio Lower Upper

94 100

96 88.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

20000

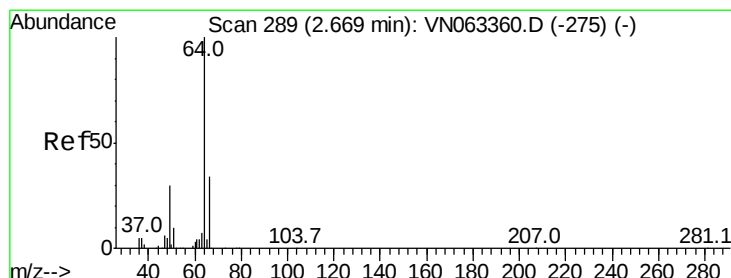
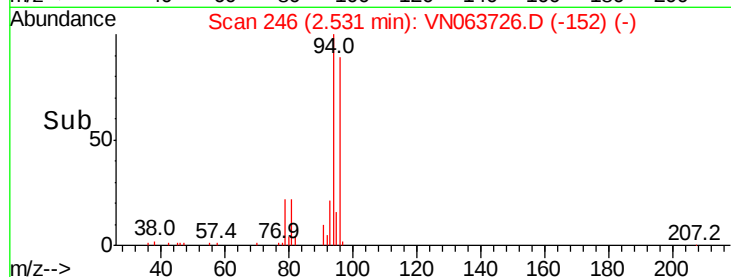
15000

10000

5000

0

Time--> 2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 17.703 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063726.D

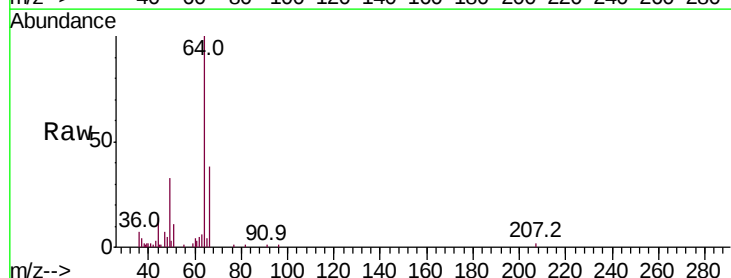
Acq: 29 Sep 2020 14:40

Tgt Ion: 64 Resp: 36093

Ion Ratio Lower Upper

64 100

66 38.1 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

20000

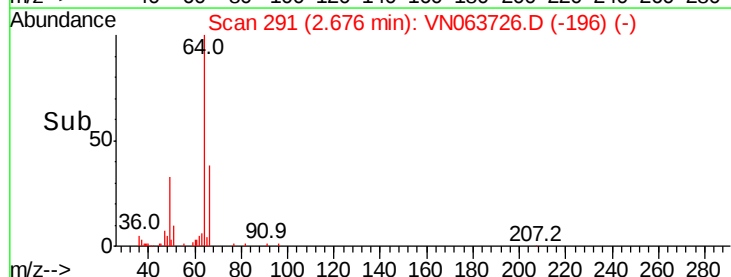
15000

10000

5000

0

Time--> 2.60 2.65 2.70 2.75



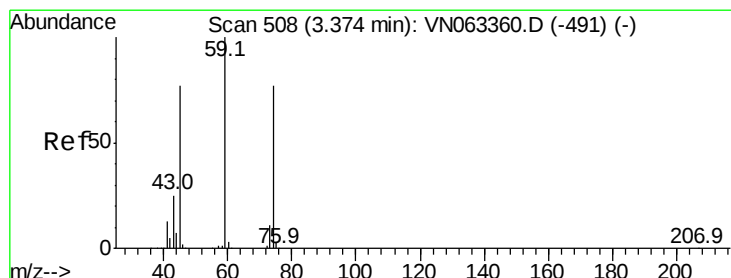
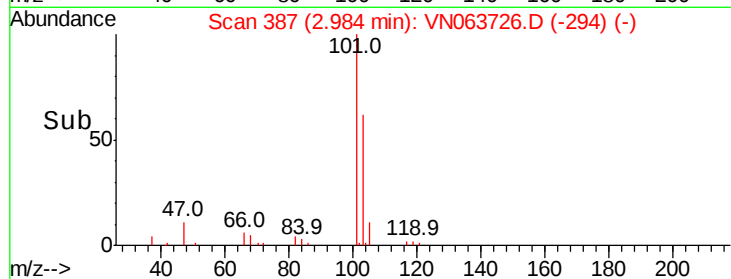
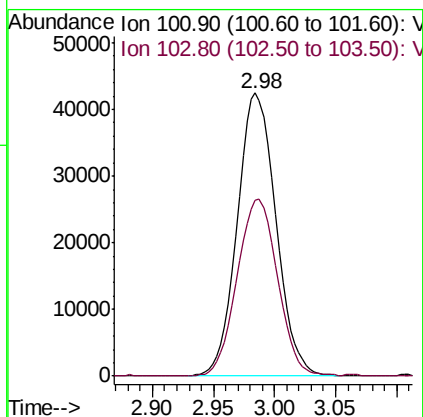
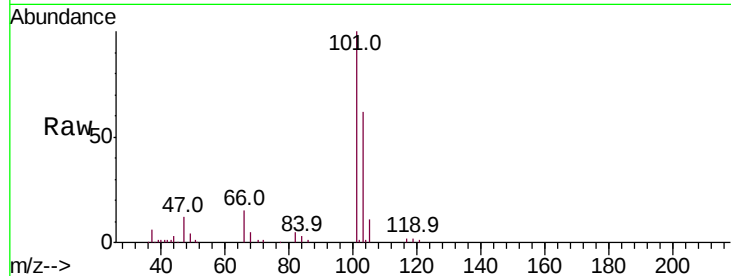


#7

Trichlorofluoromethane
 Concen: 18.823 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Instrument :
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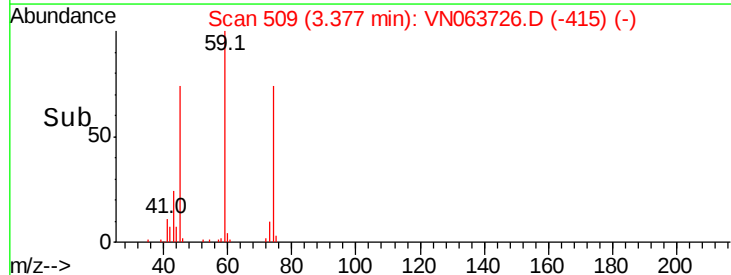
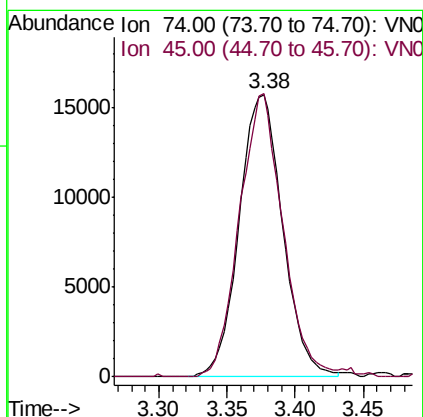
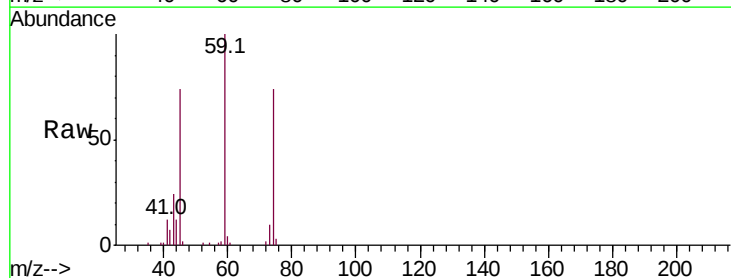
Tot Ion:101 Resp: 93278
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.3 78.5

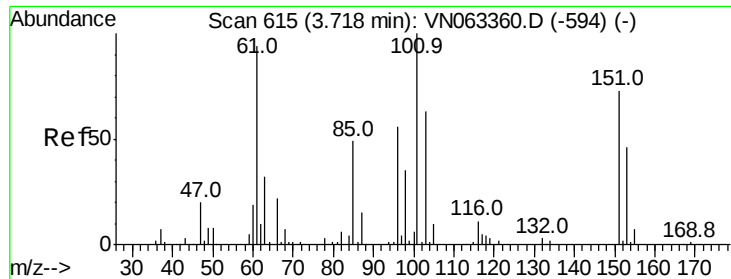


#8

Diethyl Ether
 Concen: 17.986 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Tgt Ion: 74 Resp: 34746
 Ion Ratio Lower Upper
 74 100
 45 99.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.447 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

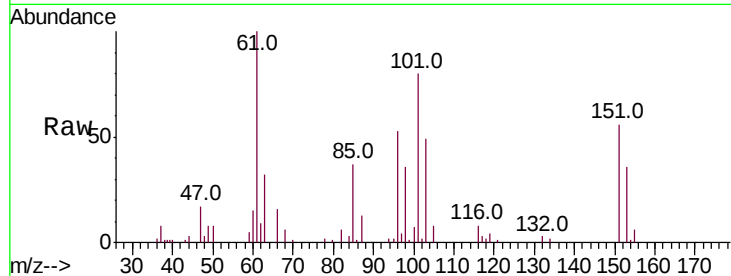
Tot Ion:101 Resp: 51410

Ion Ratio Lower Upper

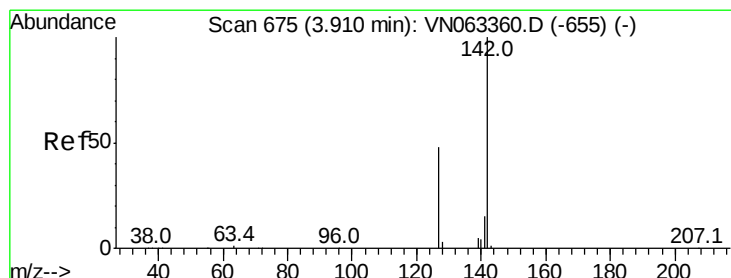
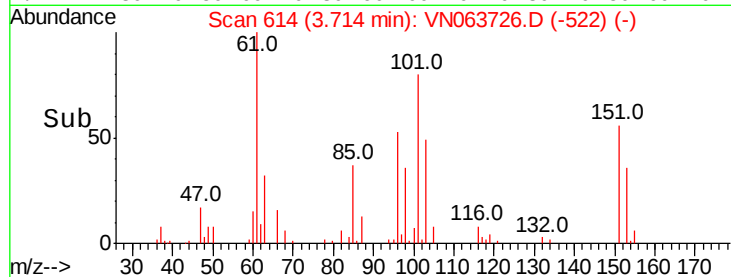
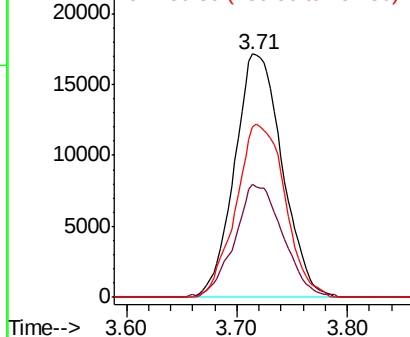
101 100

85 47.0 37.7 56.5

151 73.2 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.269 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

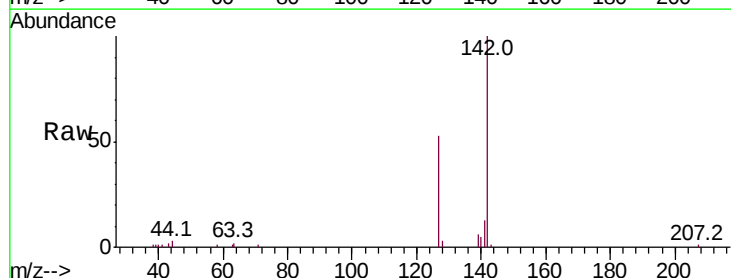
Tgt Ion:142 Resp: 55403

Ion Ratio Lower Upper

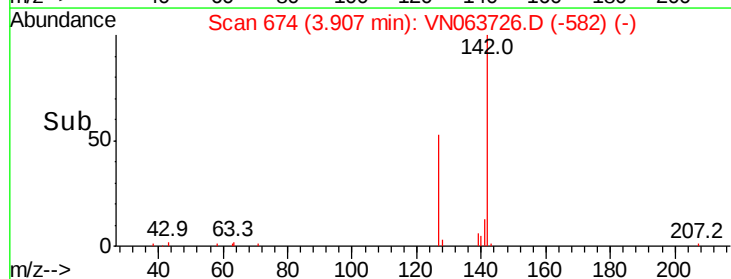
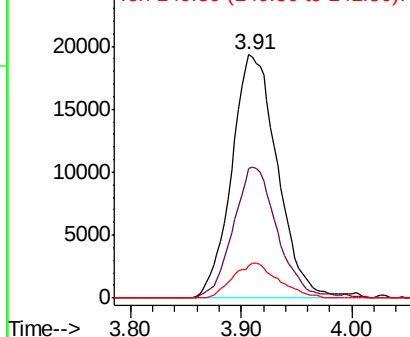
142 100

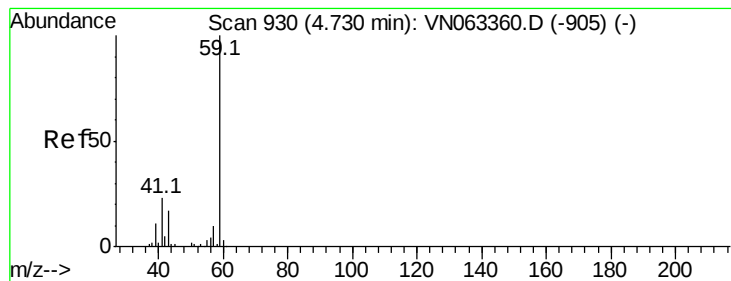
127 51.9 39.0 58.6

141 14.4 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



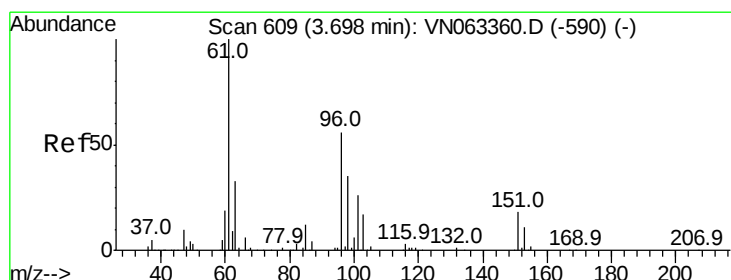
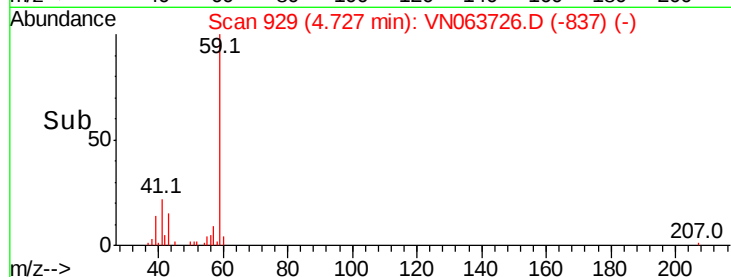
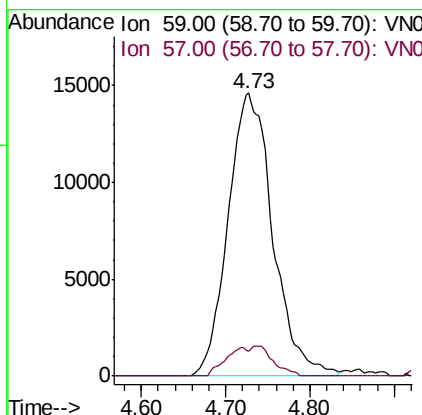
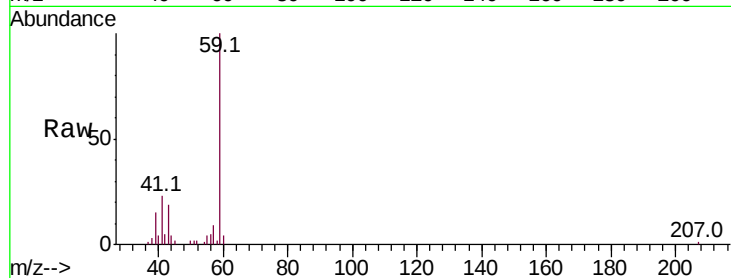


#11

Tert butyl alcohol
 Concen: 91.171 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

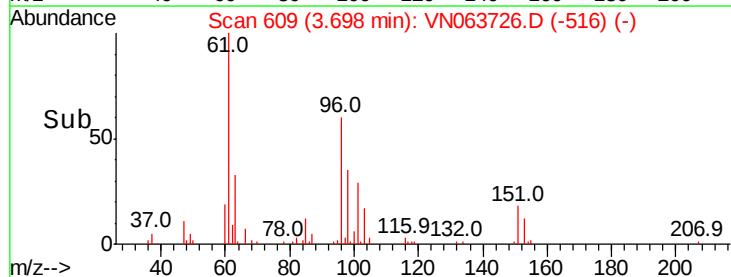
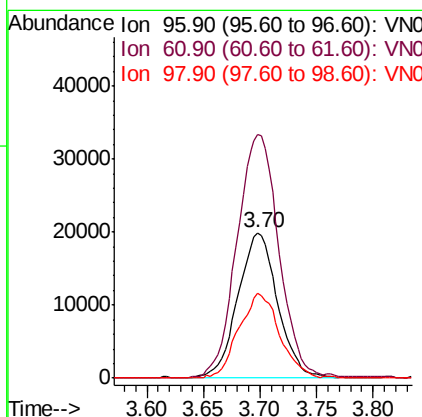
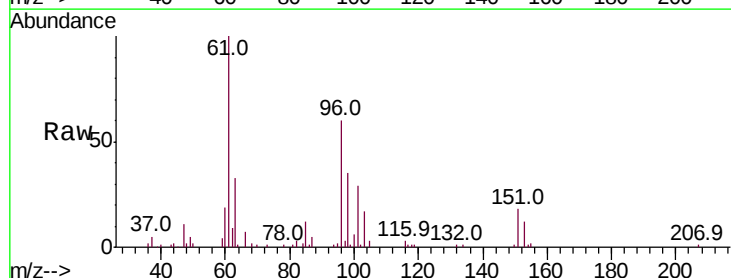
Tot Ion: 59 Resp: 53781
 Ion Ratio Lower Upper
 59 100
 57 5.2 8.4 12.6#

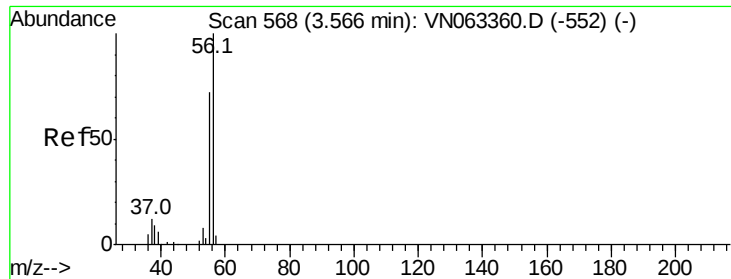


#12

1,1-Dichloroethene
 Concen: 17.240 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Tgt Ion: 96 Resp: 48666
 Ion Ratio Lower Upper
 96 100
 61 167.6 143.4 215.2
 98 58.4 50.6 76.0





#13

Acrolein

Concen: 57.117 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

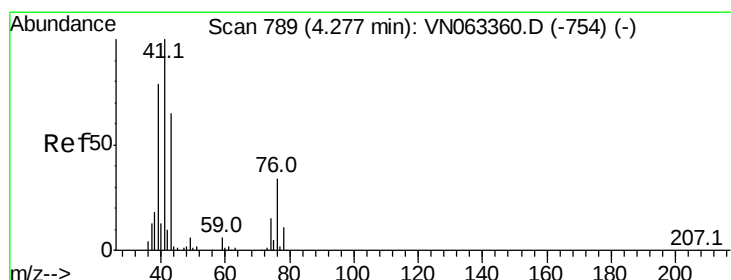
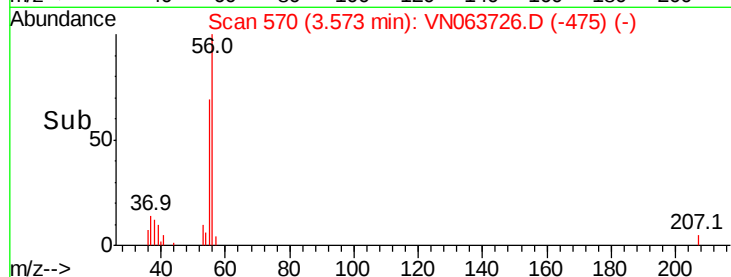
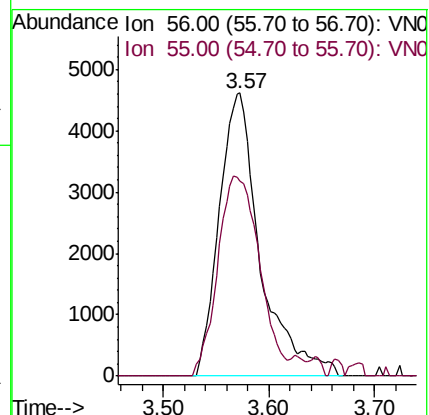
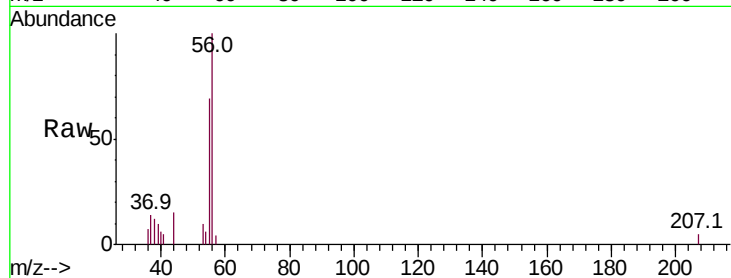
VN0929WBSD01

Tot Ion: 56 Resp: 12486

Ion Ratio Lower Upper

56 100

55 71.7 58.2 87.2



#14

Allyl chloride

Concen: 15.998 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

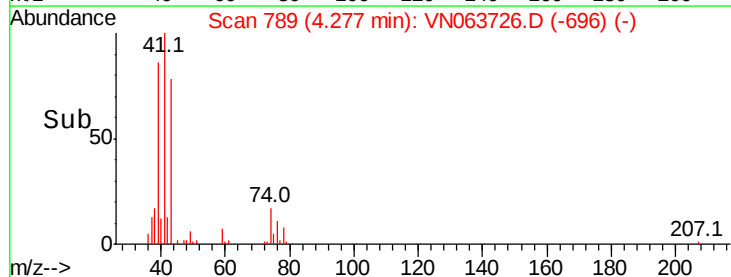
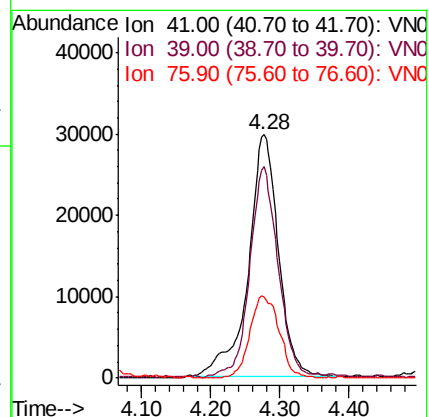
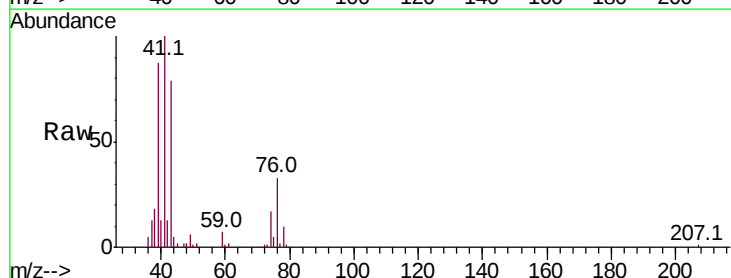
Tgt Ion: 41 Resp: 89329

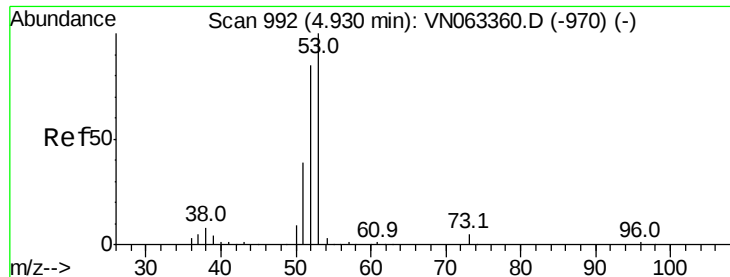
Ion Ratio Lower Upper

41 100

39 82.7 59.3 88.9

76 33.3 25.3 37.9





#15

Acrylonitrile

Concen: 93.652 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

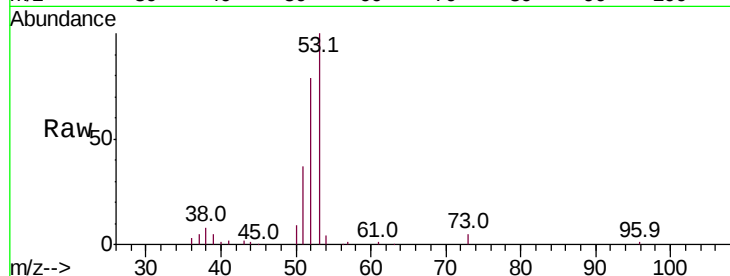
Tot Ion: 53 Resp: 140524

Ion Ratio Lower Upper

53 100

52 80.9 66.4 99.6

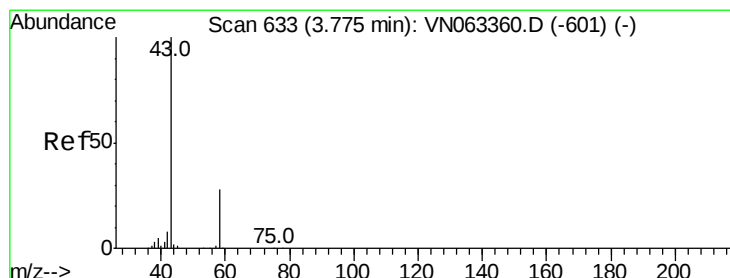
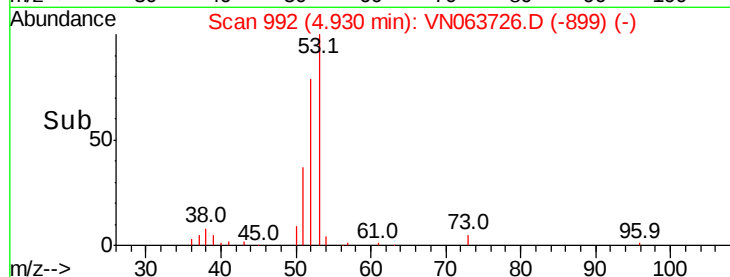
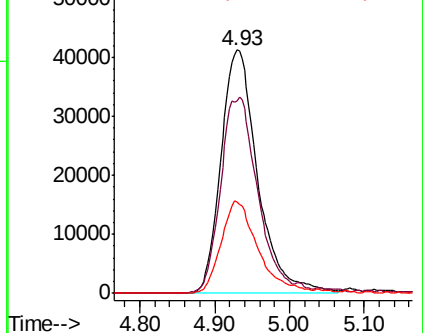
51 38.0 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 94.761 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063726.D

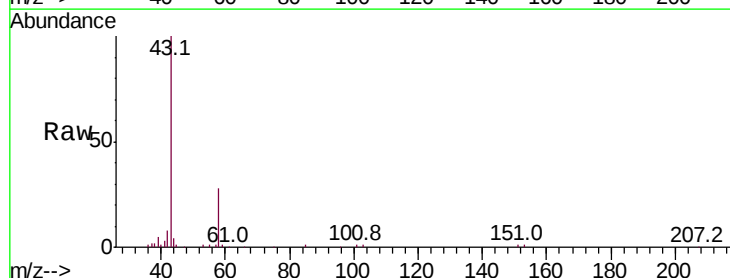
Acq: 29 Sep 2020 14:40

Tgt Ion: 43 Resp: 129677

Ion Ratio Lower Upper

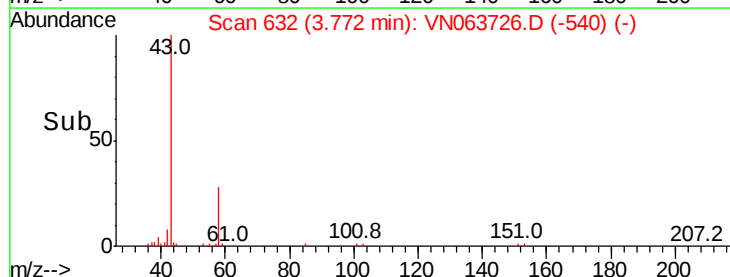
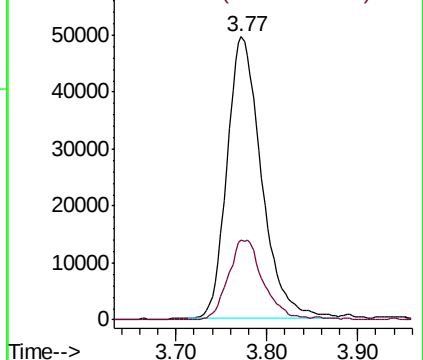
43 100

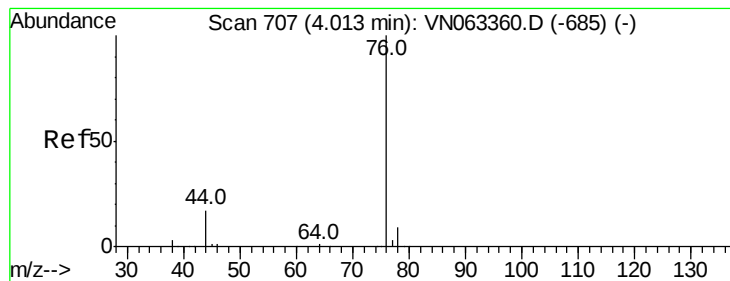
58 28.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 14.072 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

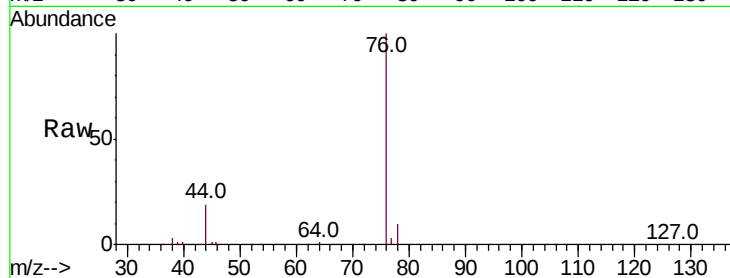
VN0929WBSD01

Tot Ion: 76 Resp: 115541

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8

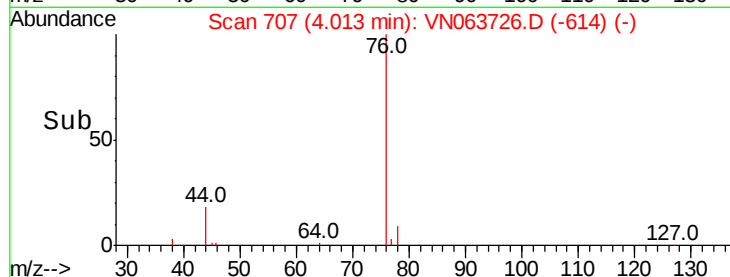


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

Time-->



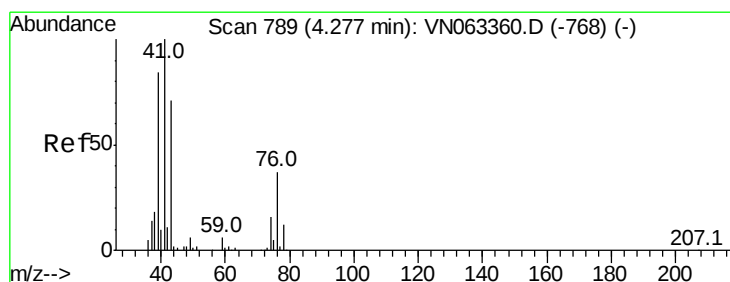
Abundance

Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

Time-->



#18

Methyl Acetate

Concen: 20.633 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063726.D

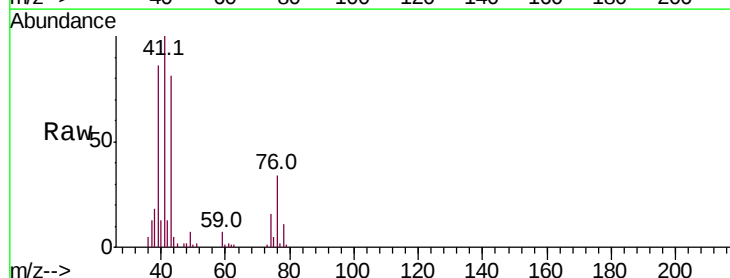
Acq: 29 Sep 2020 14:40

Tgt Ion: 43 Resp: 71679

Ion Ratio Lower Upper

43 100

74 22.2 17.4 26.2

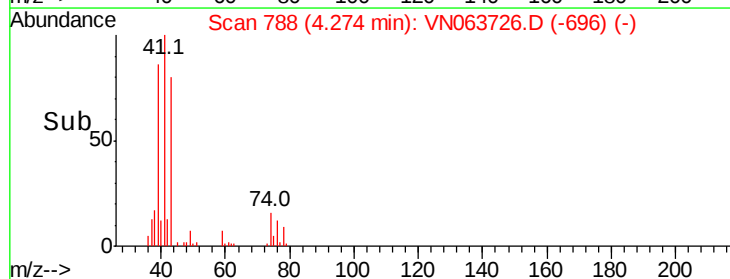


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.27

Time-->



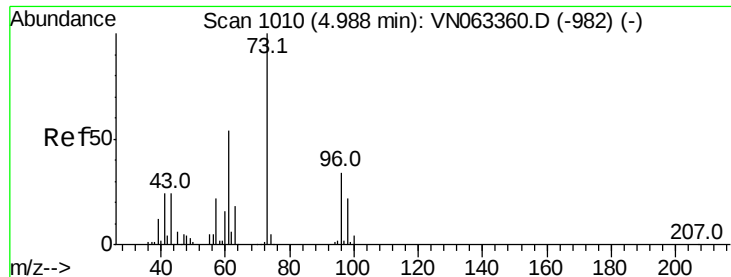
Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.27

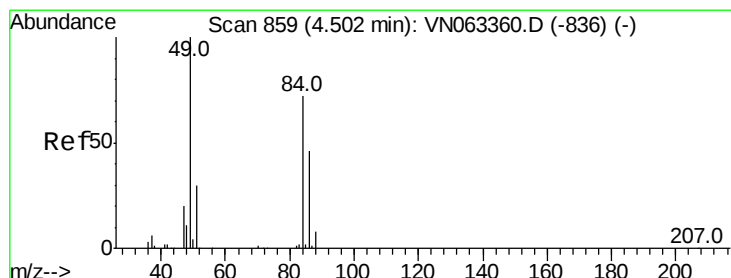
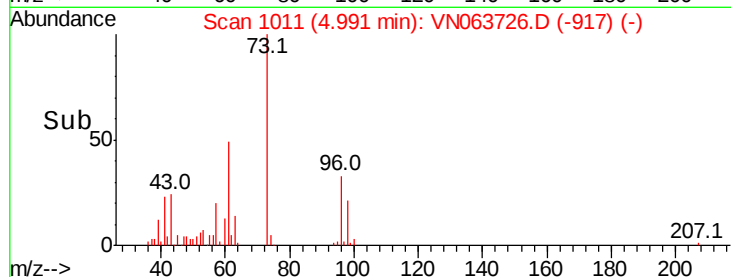
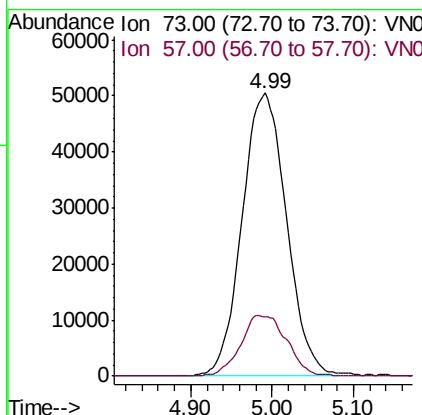
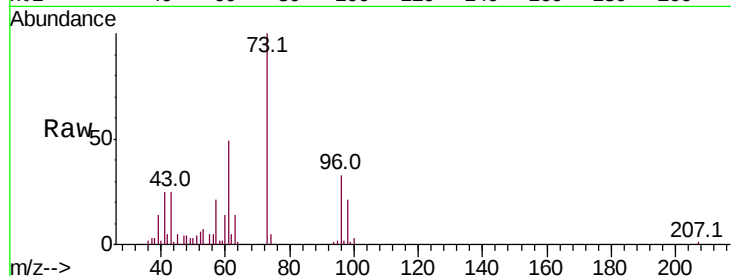
Time-->



#19
Methvl tert-butvl Ether
Concen: 18.132 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

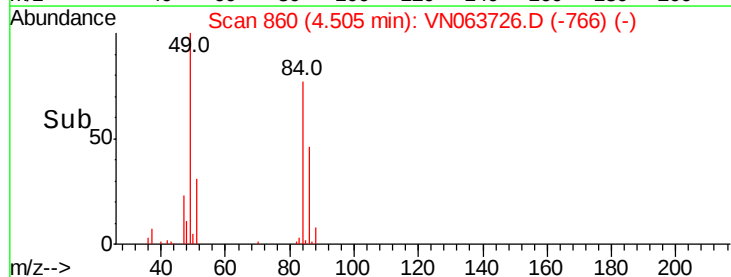
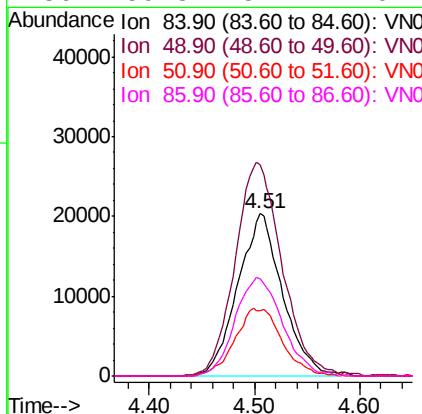
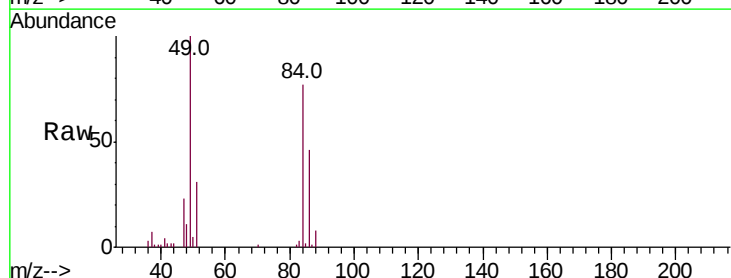
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

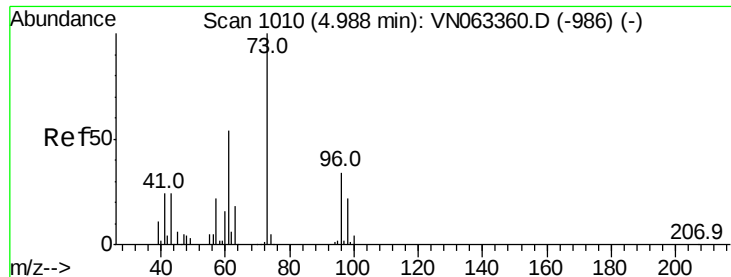
Tot Ion: 73 Resp: 190761
Ion Ratio Lower Upper
73 100
57 21.0 17.9 26.9



#20
Methylene Chloride
Concen: 17.265 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Tgt Ion: 84 Resp: 59862
Ion Ratio Lower Upper
84 100
49 129.3 110.7 166.1
51 40.5 32.9 49.3
86 59.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 16.706 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

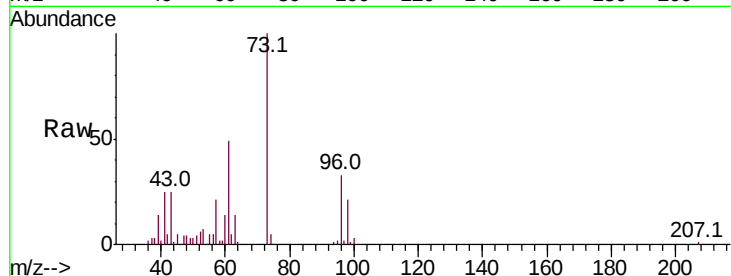
Tot Ion: 96 Resp: 52246

Ion Ratio Lower Upper

96 100

61 149.5 126.2 189.4

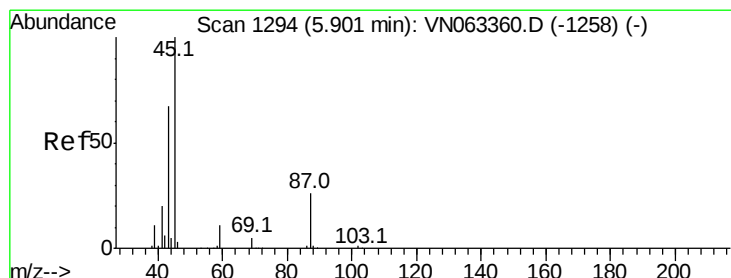
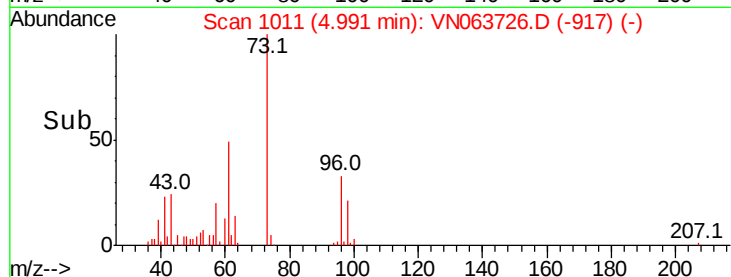
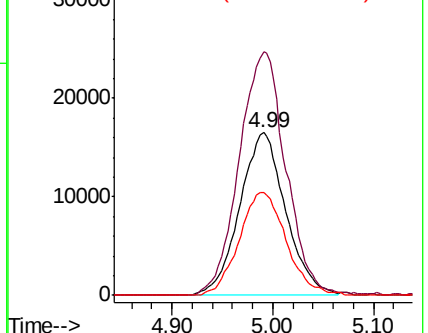
98 63.3 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 17.597 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Tgt Ion: 45 Resp: 200387

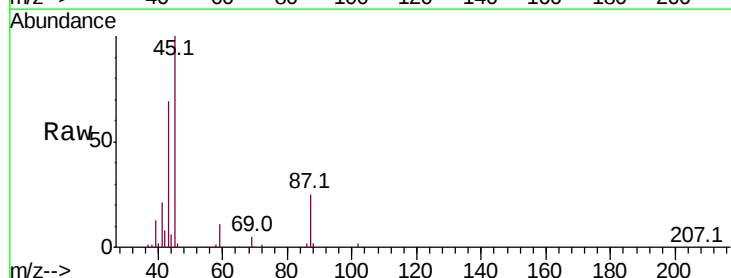
Ion Ratio Lower Upper

45 100

43 66.6 53.5 80.3

87 25.0 21.2 31.8

59 10.5 8.8 13.2

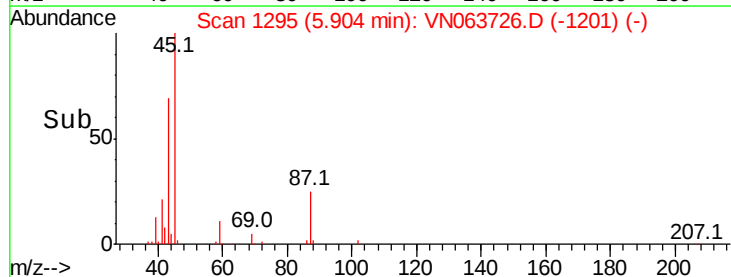
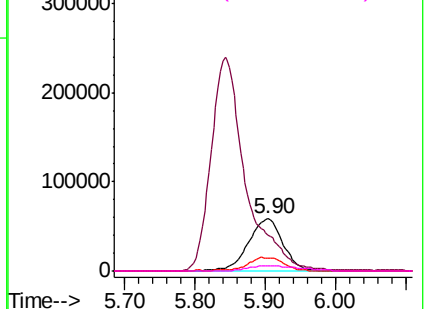


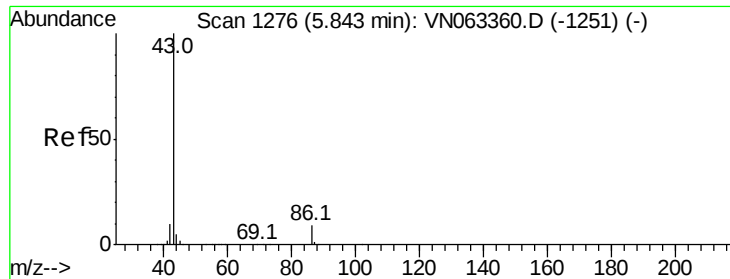
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

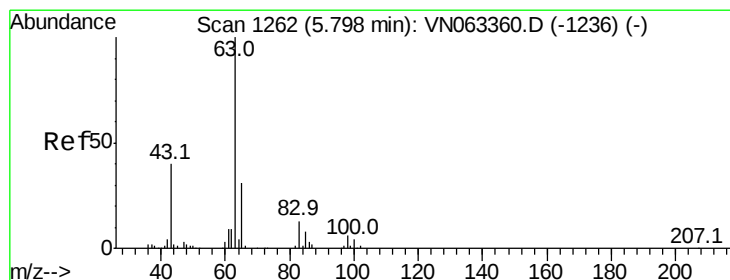
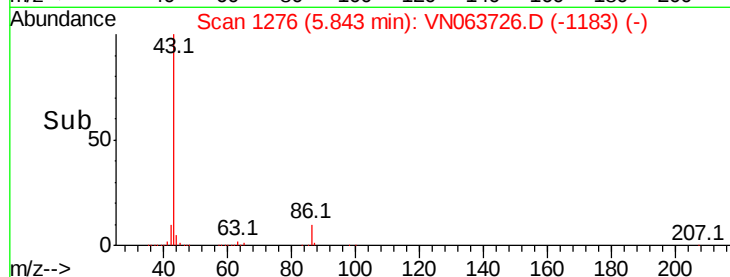
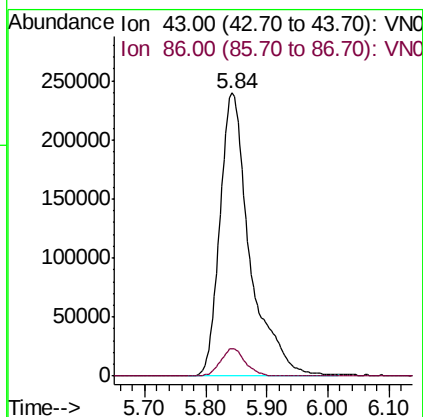
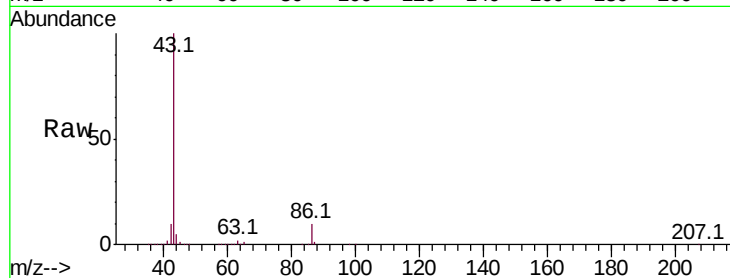




#23
 Vinyl Acetate
 Concen: 87.728 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

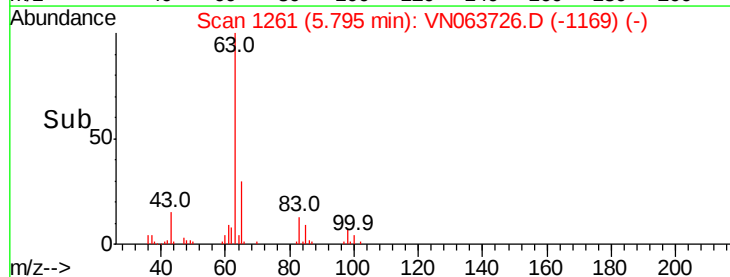
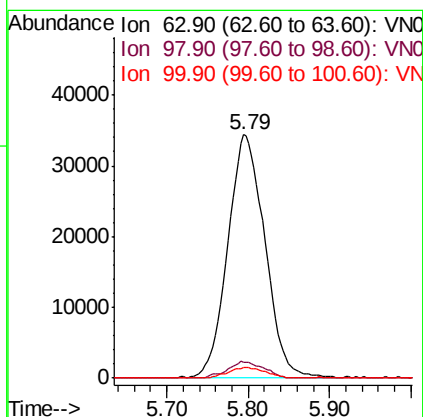
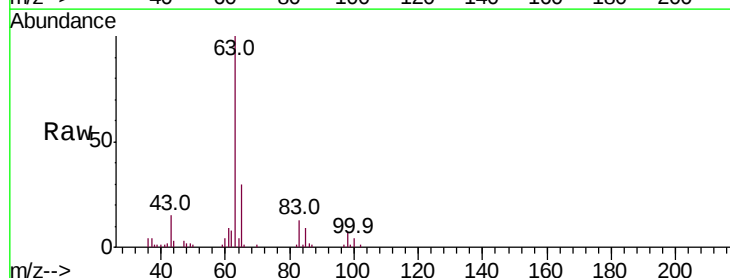
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0929WBSD01

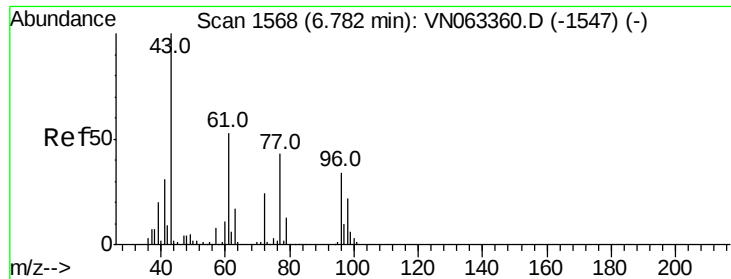
Tot Ion: 43 Resp: 820456
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 17.533 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Tgt Ion: 63 Resp: 109006
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.8
 100 4.2 2.1 6.3

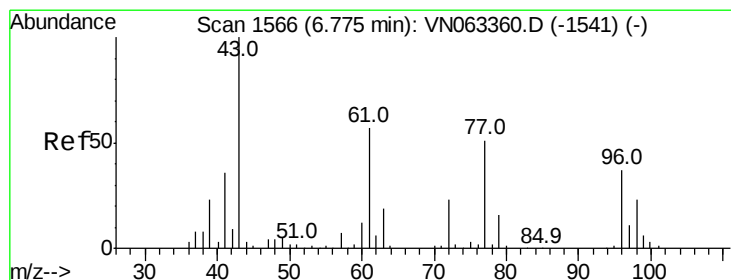
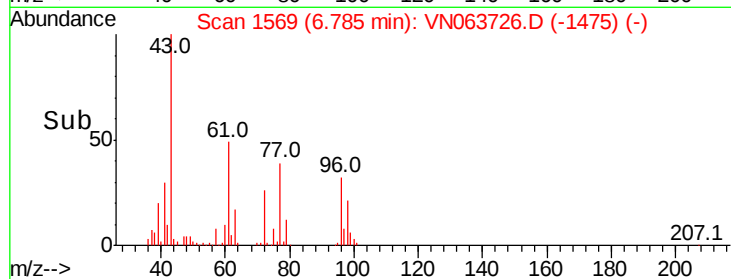
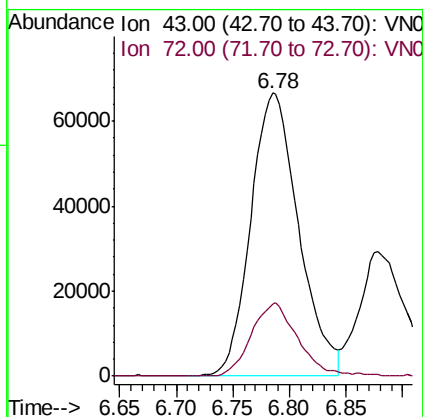
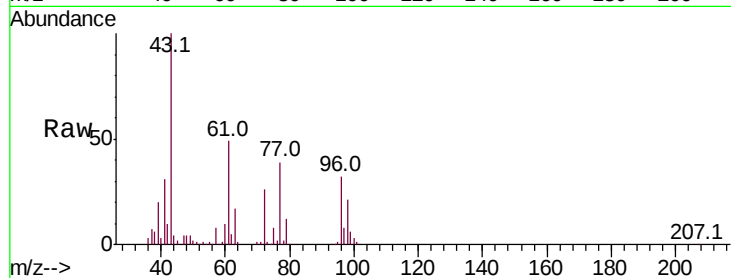




#25
2-Butanone
Concen: 93.067 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

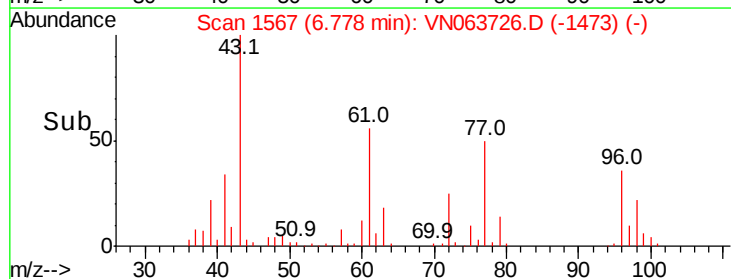
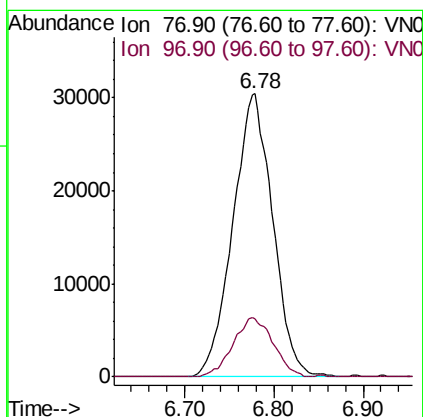
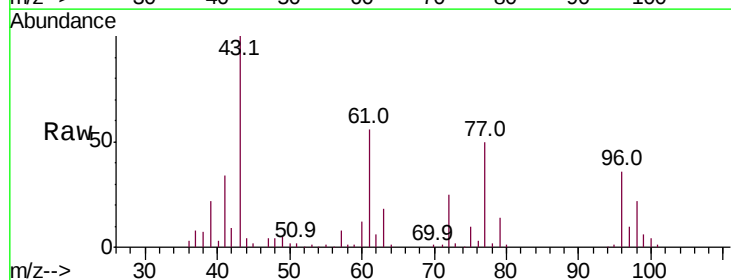
Instrument :
MSVOA_N
ClientSampled :
VN0929WBSD01

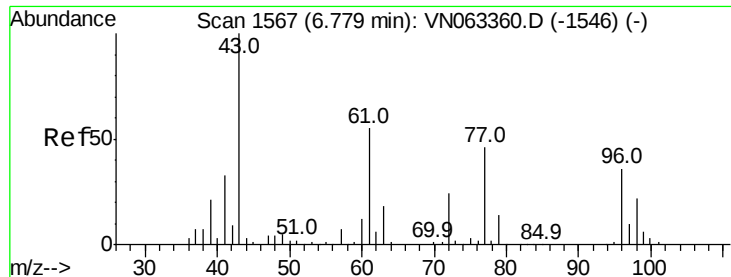
Tot Ion: 43 Resp: 195875
Ion Ratio Lower Upper
43 100
72 25.5 19.2 28.8



#26
2,2-Dichloropropane
Concen: 17.251 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Tgt Ion: 77 Resp: 94428
Ion Ratio Lower Upper
77 100
97 20.9 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 17.897 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

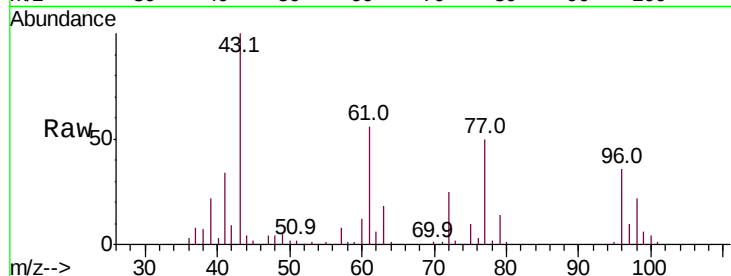
Tot Ion: 96 Resp: 63355

Ion Ratio Lower Upper

96 100

61 159.2 0.0 319.6

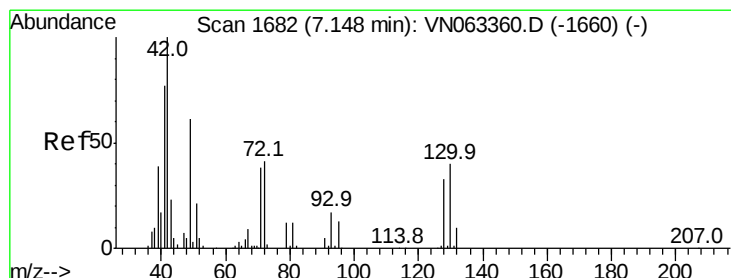
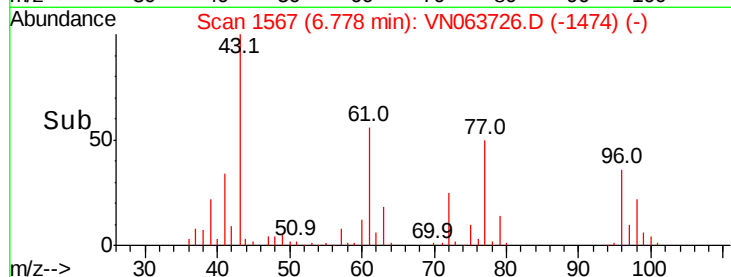
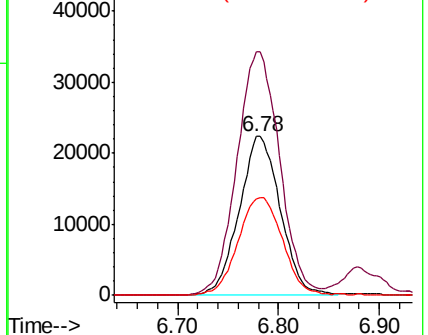
98 66.3 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.642 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

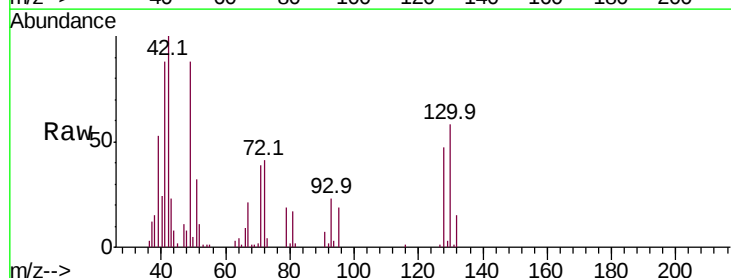
Tgt Ion: 49 Resp: 56385

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

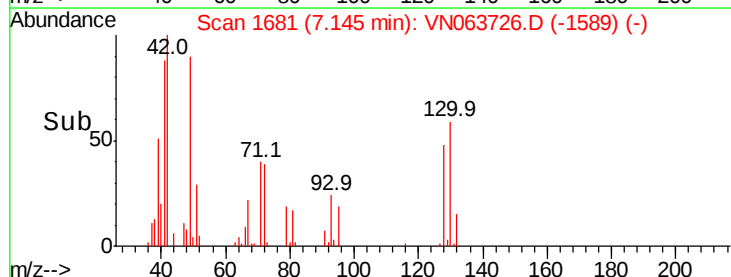
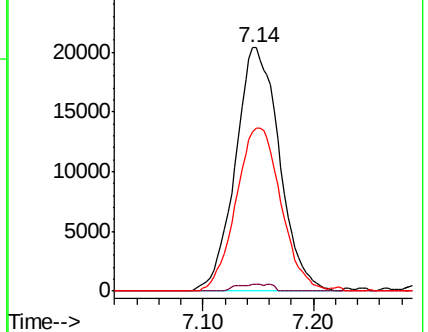
130 68.3 52.2 78.2

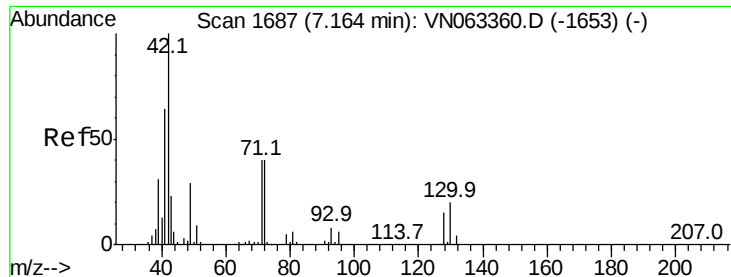


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 91.578 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

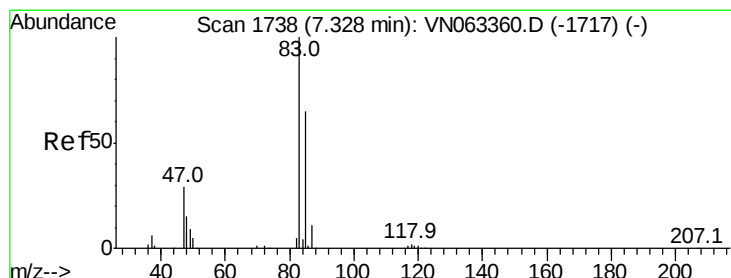
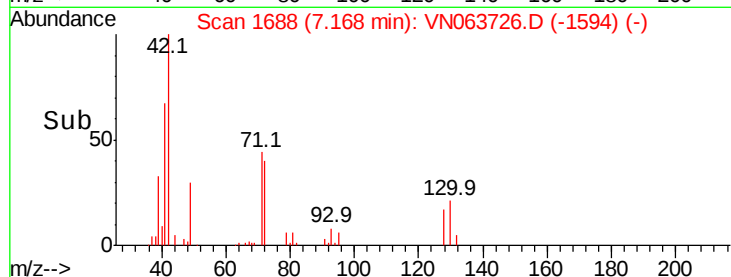
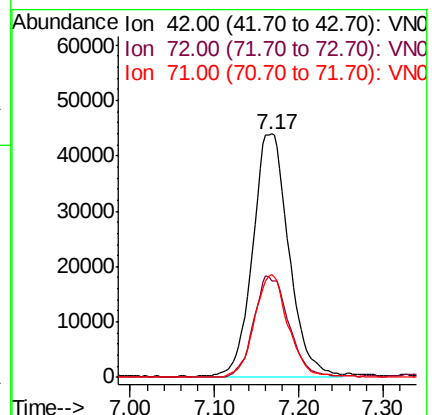
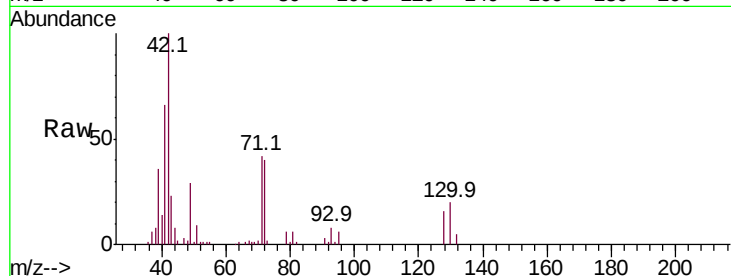
Tot Ion: 42 Resp: 131639

Ion Ratio Lower Upper

42 100

72 40.5 32.1 48.1

71 39.1 31.2 46.8



#30

Chloroform

Concen: 18.889 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN063726.D

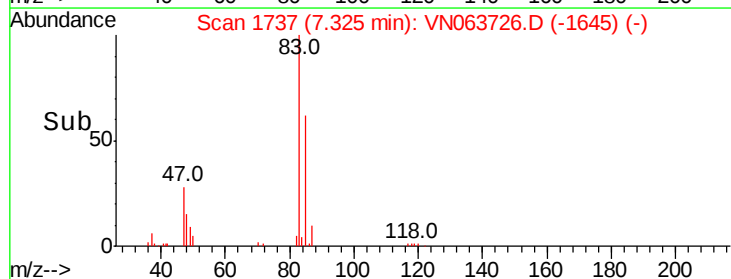
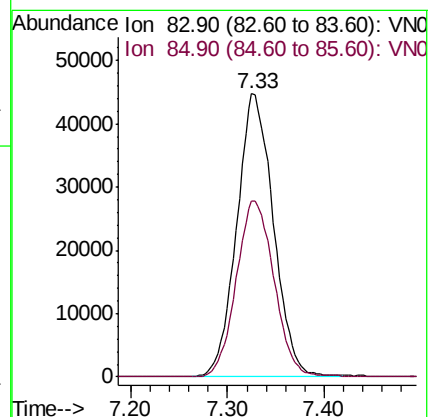
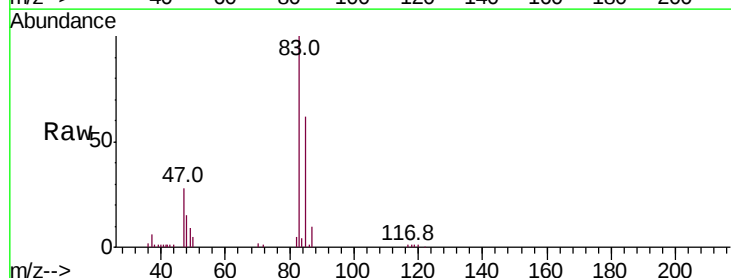
Acq: 29 Sep 2020 14:40

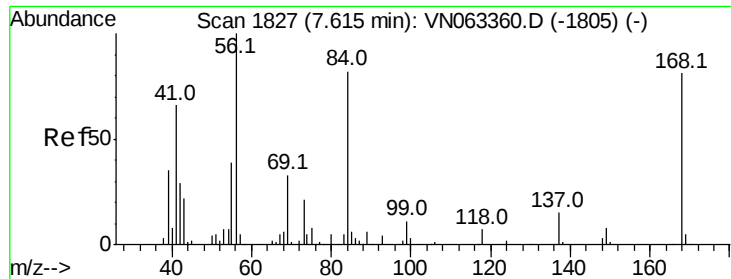
Tgt Ion: 83 Resp: 117822

Ion Ratio Lower Upper

83 100

85 62.1 52.1 78.1

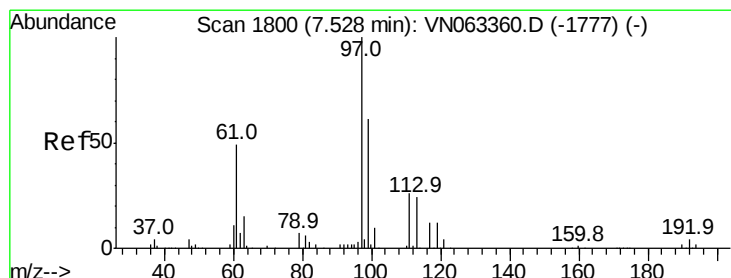
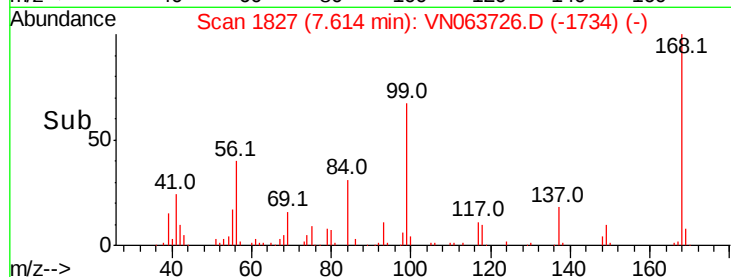
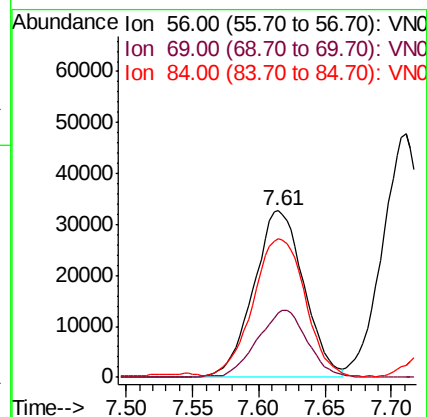
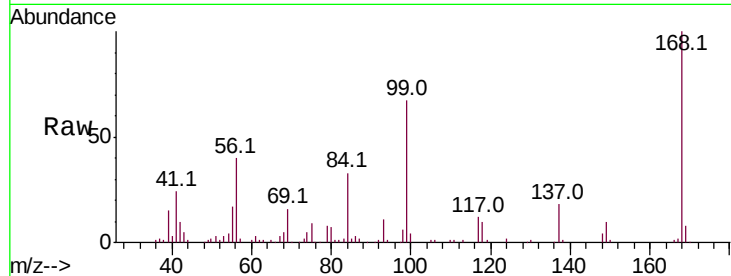




#31
Cyclohexane
Concen: 14.781 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

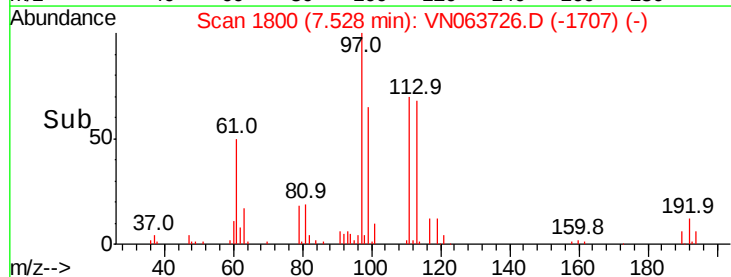
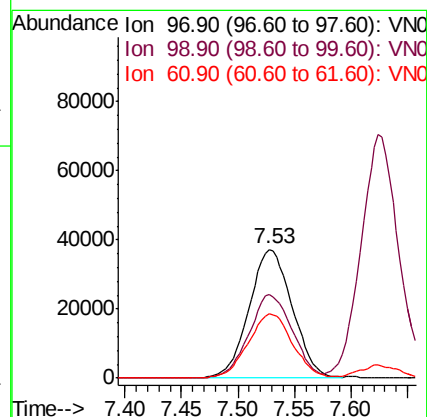
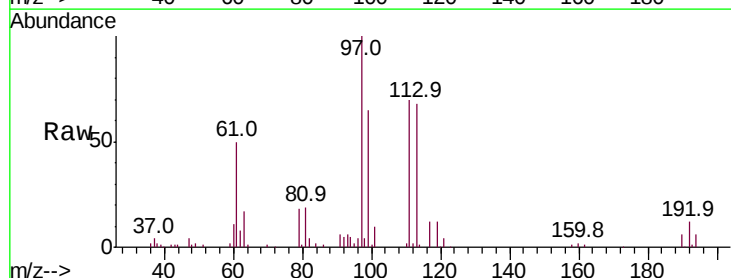
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

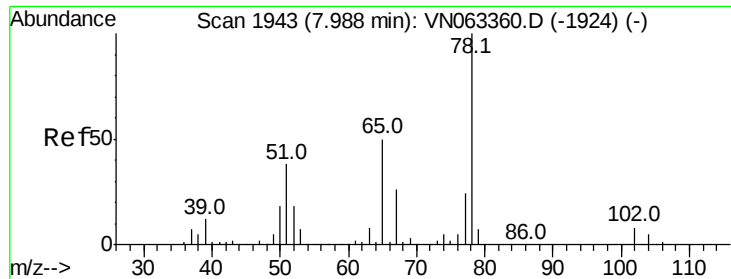
Tot Ion: 56 Resp: 86924
Ion Ratio Lower Upper
56 100
69 38.8 26.1 39.1
84 81.1 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 17.860 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Tgt Ion: 97 Resp: 99085
Ion Ratio Lower Upper
97 100
99 65.1 50.6 76.0
61 51.3 39.2 58.8

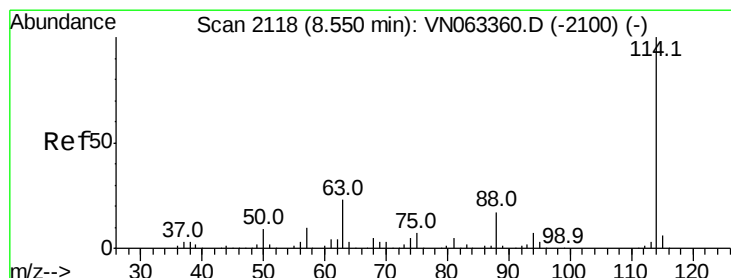
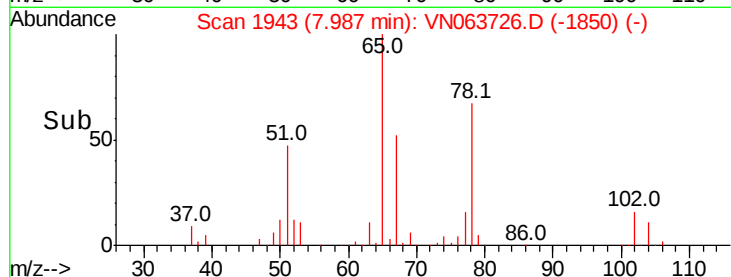
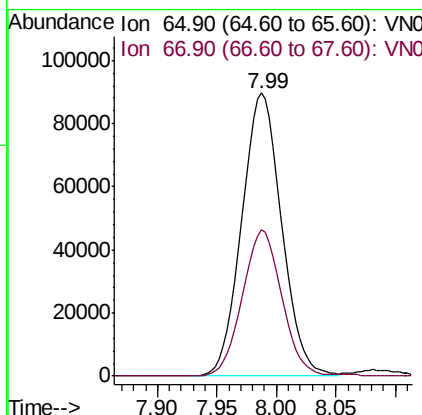
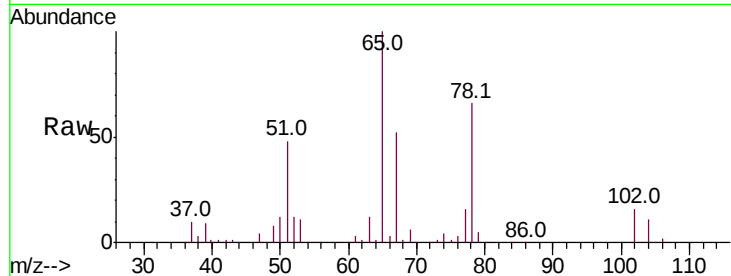




#33
 1,2-Dichloroethane-d4
 Concen: 48.982 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

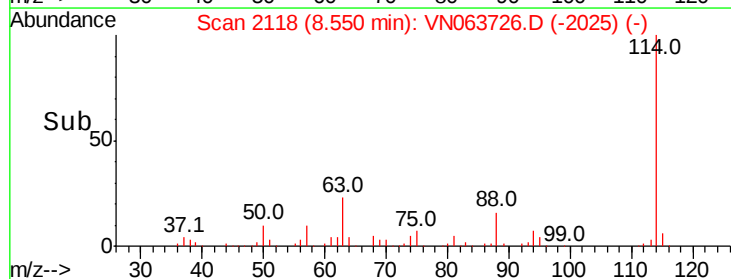
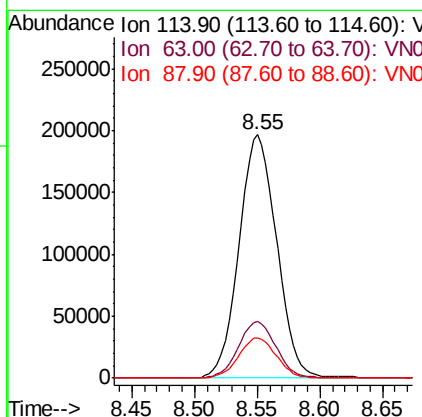
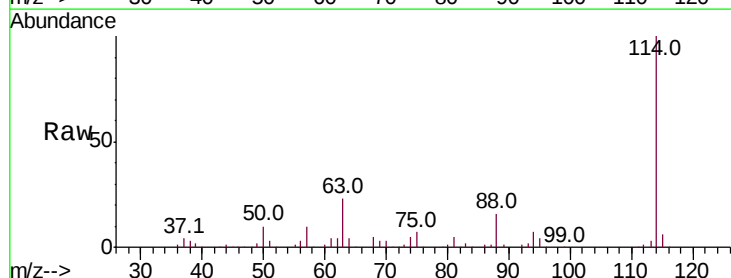
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

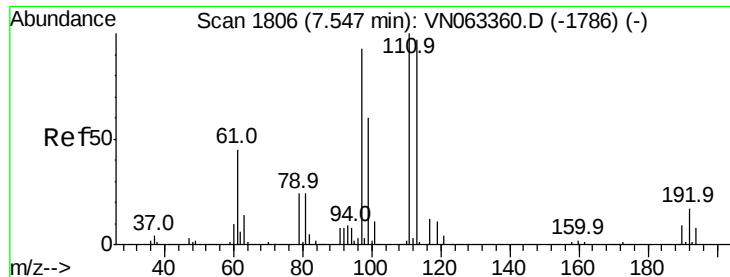
Tot Ion: 65 Resp: 208568
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Tgt Ion: 114 Resp: 411441
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 16.4 0.0 33.2

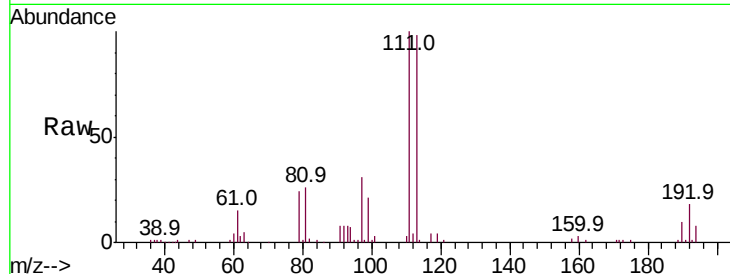




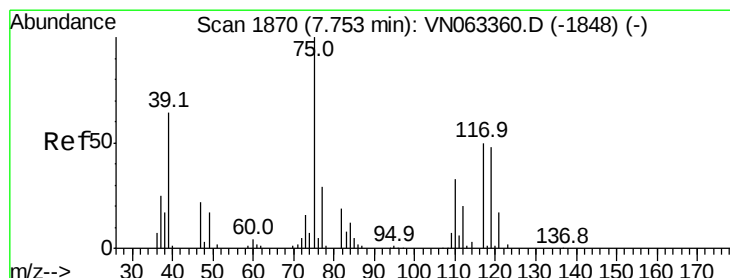
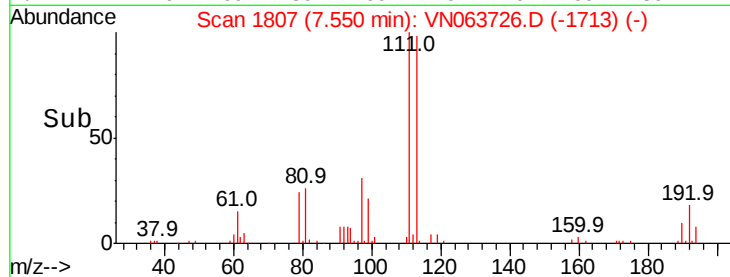
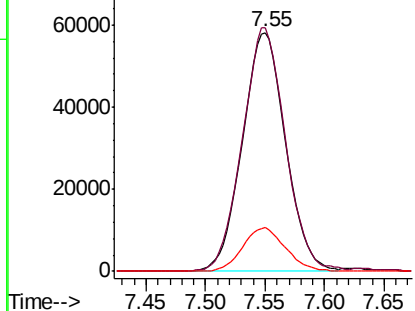
#35
 Dibromofluoromethane
 Concen: 51.337 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

Tot Ion:113 Resp: 146223
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.9 124.3
 192 18.1 13.9 20.9

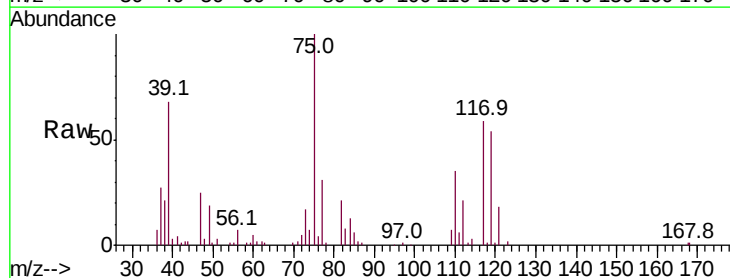


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

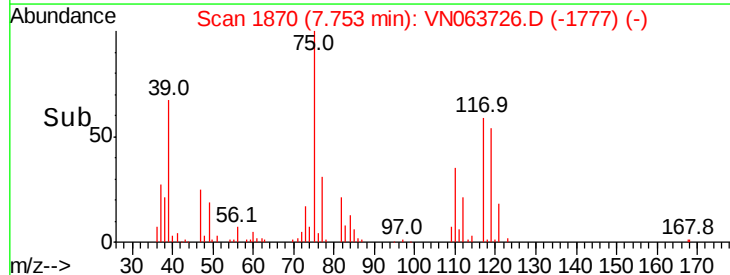
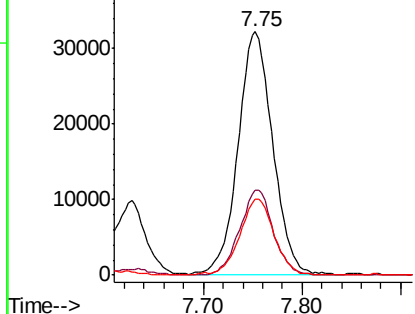


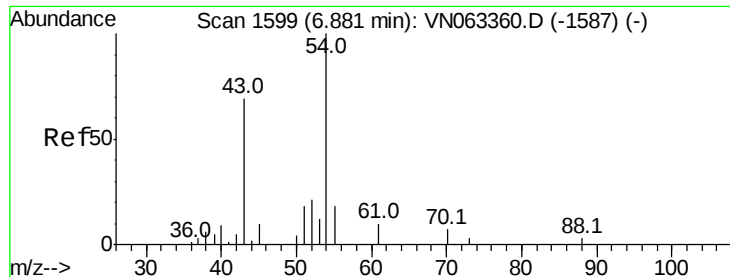
#36
 1,1-Dichloropropene
 Concen: 18.007 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Tgt Ion: 75 Resp: 78931
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.5 49.5
 77 30.7 24.6 36.8



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

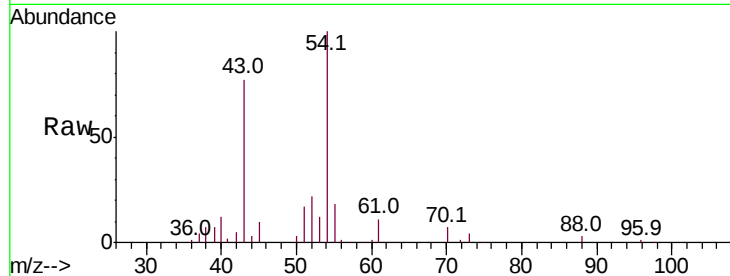




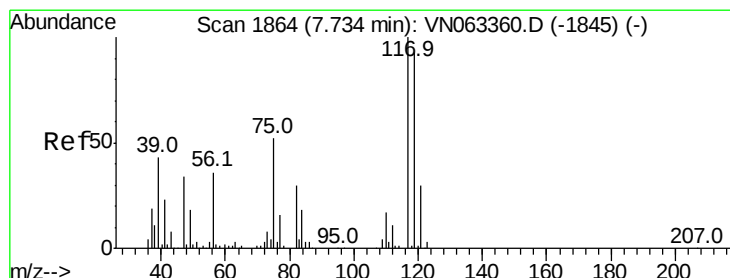
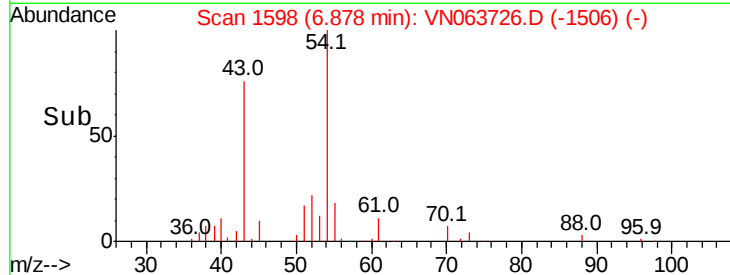
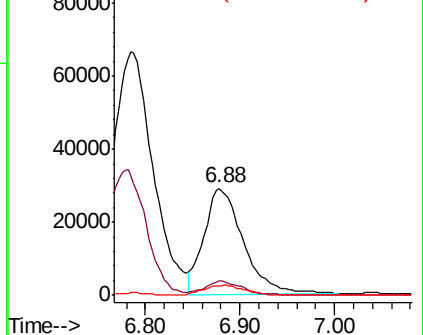
#37
Ethyl Acetate
Concen: 19.425 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Instrument :
MSVOA_N
ClientSampled :
VN0929WBSD01

Tot Ion: 43 Resp: 83567
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 10.0 7.2 10.8

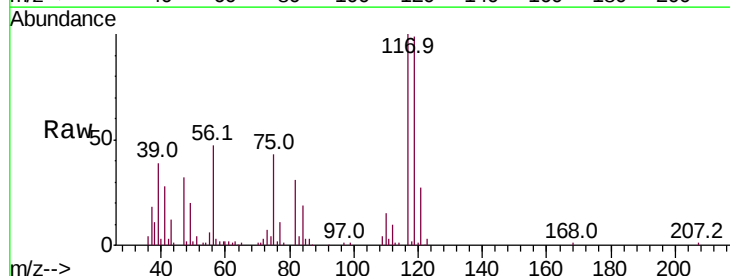


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

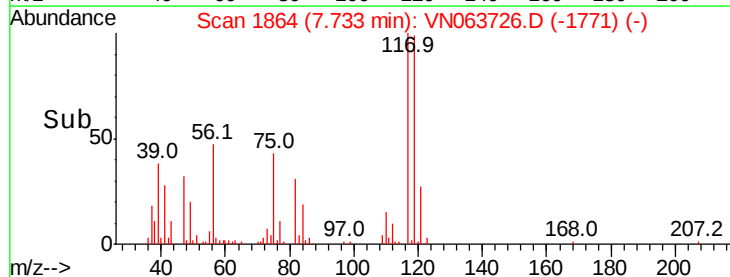
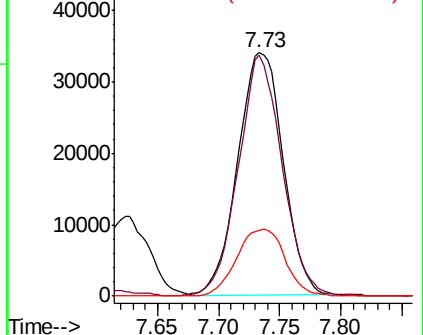


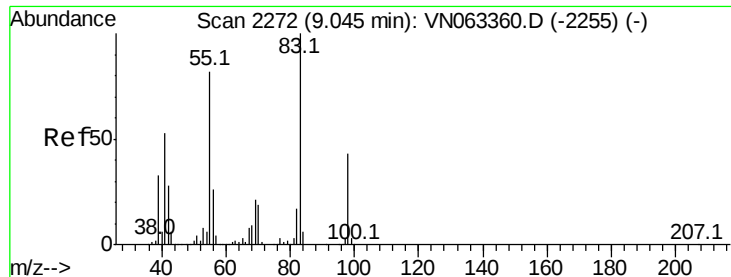
#38
Carbon Tetrachloride
Concen: 19.619 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Tgt Ion: 117 Resp: 87787
Ion Ratio Lower Upper
117 100
119 99.1 74.5 111.7
121 27.1 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

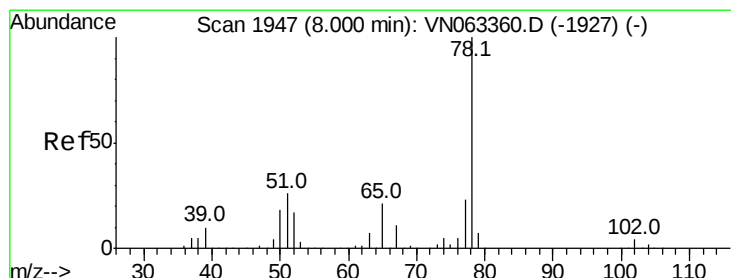
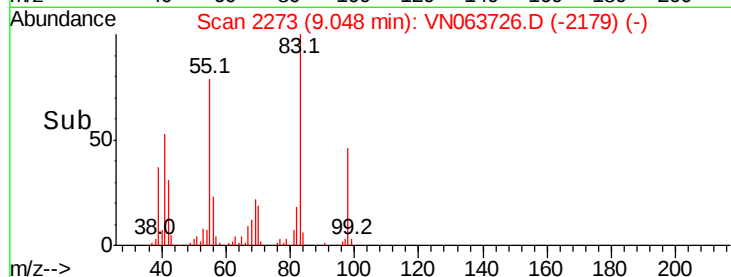
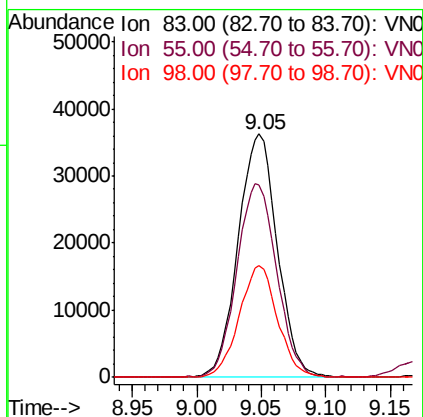
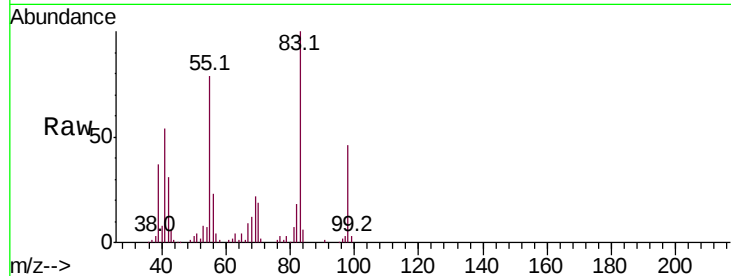




#39
Methvlcvclohexane
Concen: 16.107 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

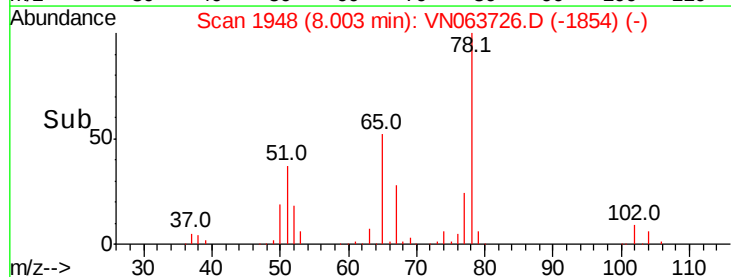
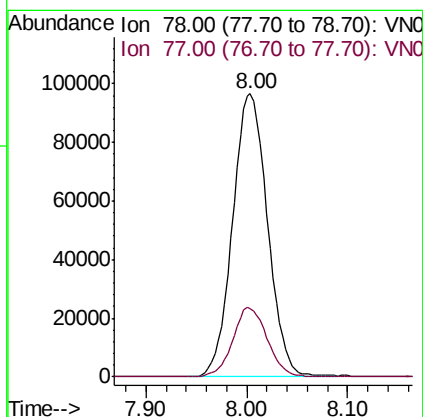
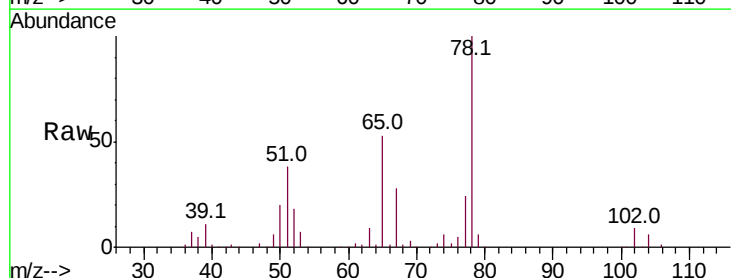
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

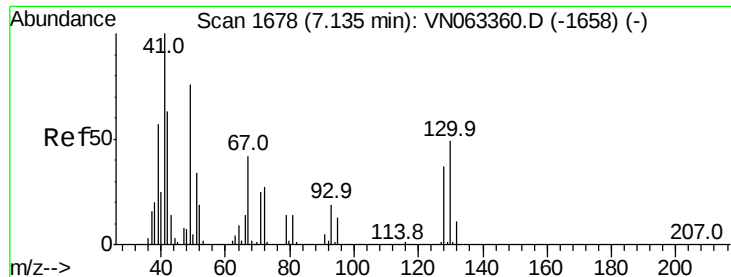
Tot Ion: 83 Resp: 76624
Ion Ratio Lower Upper
83 100
55 78.9 65.5 98.3
98 45.9 34.2 51.4



#40
Benzene
Concen: 18.546 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Tgt Ion: 78 Resp: 232059
Ion Ratio Lower Upper
78 100
77 24.2 18.3 27.5

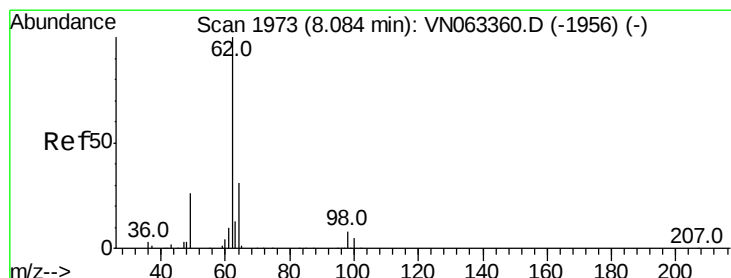
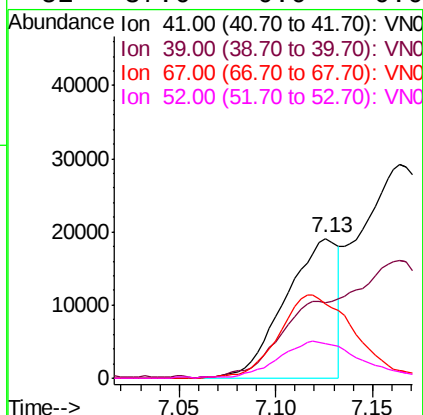
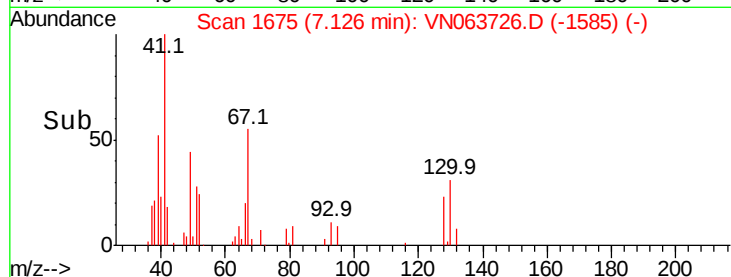
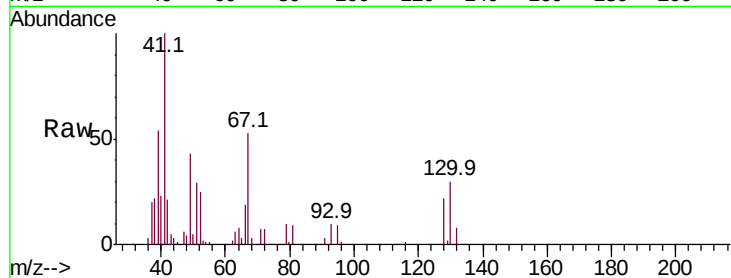




#41
Methacrylonitrile
Concen: 18.714 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

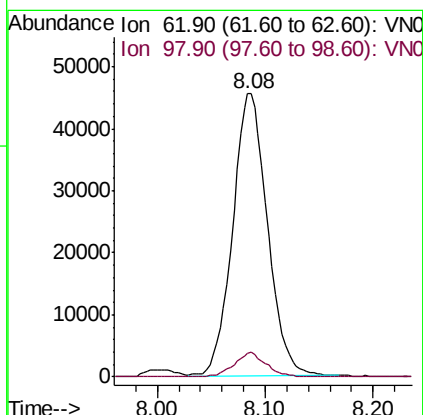
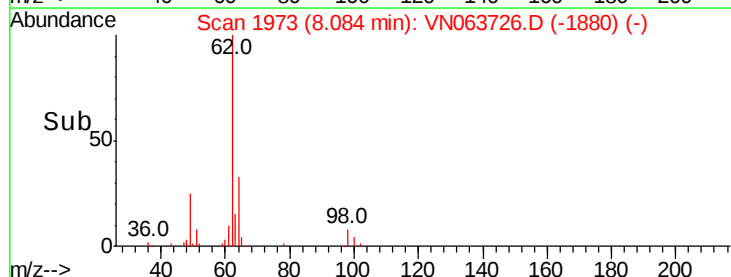
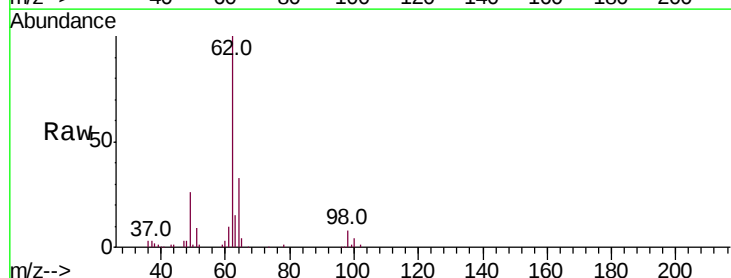
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

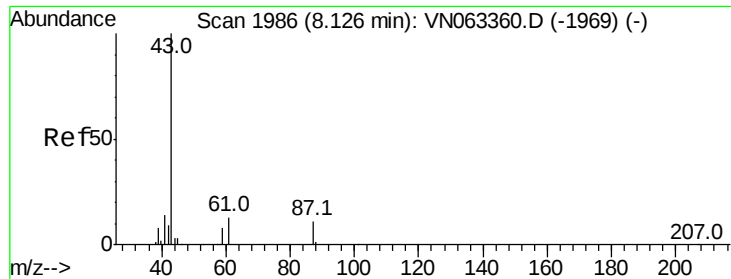
Tot Ion: 41 Resp: 36210
Ion Ratio Lower Upper
41 100
39 49.6 0.0 0.0#
67 86.9 0.0 0.0#
52 37.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.349 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Tgt Ion: 62 Resp: 102396
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.6





#43

Isopropyl Acetate

Concen: 19.111 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

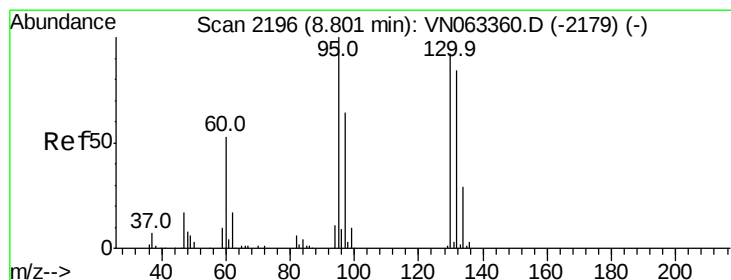
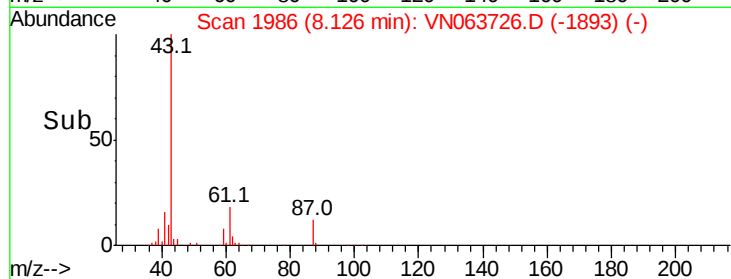
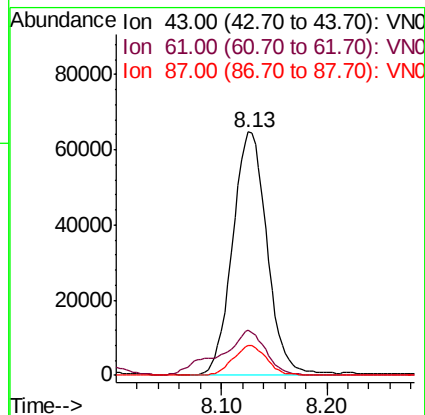
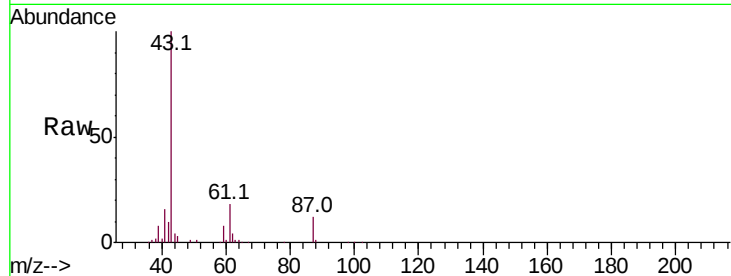
MSVOA_N

ClientSampleId :

VN0929WBSD01

Tot Ion: 43 Resp: 147013

Ion	Ratio	Lower	Upper
43	100		
61	24.7	14.2	21.2#
87	11.9	9.0	13.6



#44

Trichloroethene

Concen: 19.638 ug/l

RT: 8.80 min Scan# 2196

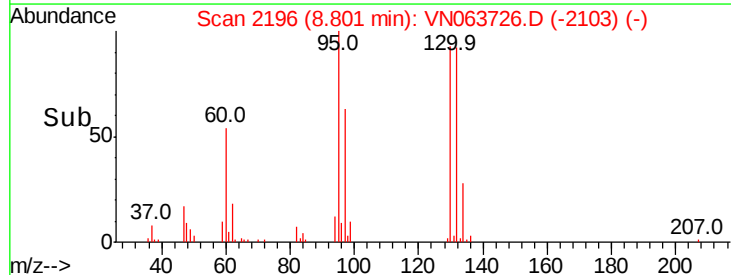
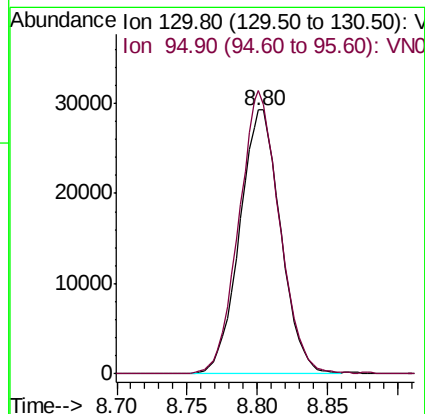
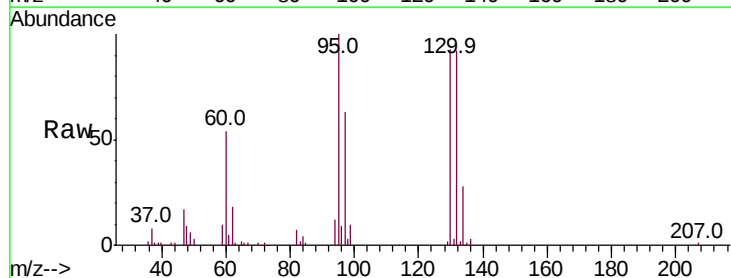
Delta R.T. -0.00 min

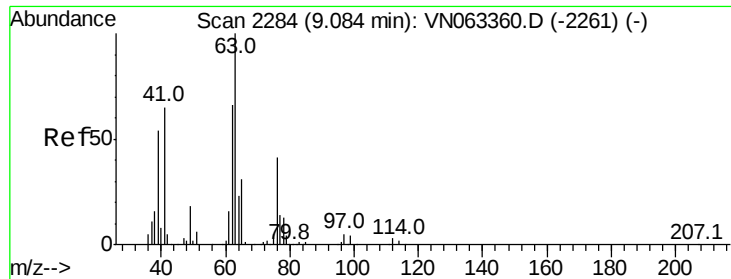
Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Tgt Ion:130 Resp: 59599

Ion	Ratio	Lower	Upper
130	100		
95	107.3	0.0	217.4





#45

1,2-Dichloropropane

Concen: 18.786 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

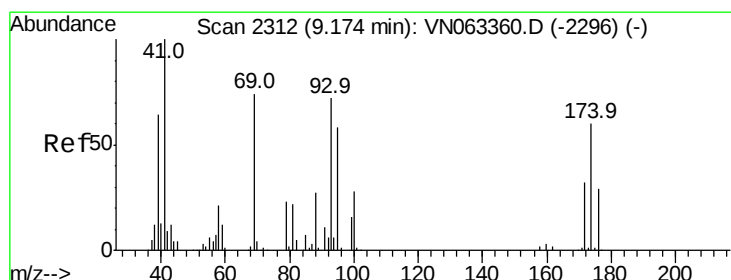
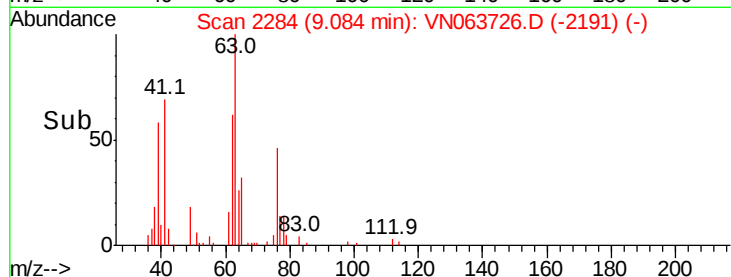
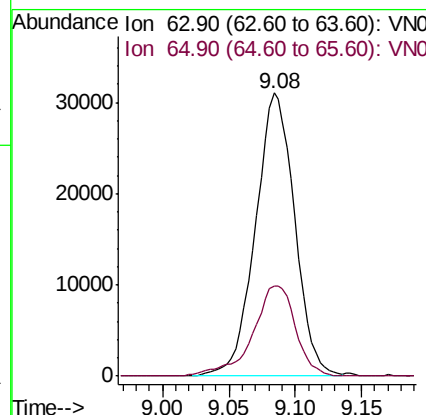
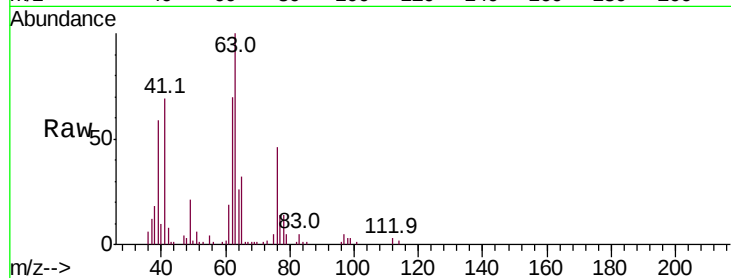
VN0929WBSD01

Tot Ion: 63 Resp: 64021

Ion Ratio Lower Upper

63 100

65 31.9 25.0 37.6



#46

Dibromomethane

Concen: 20.837 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

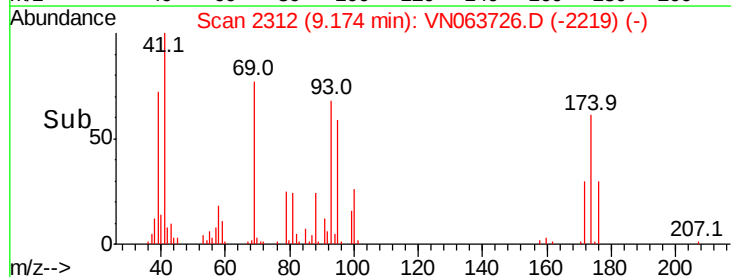
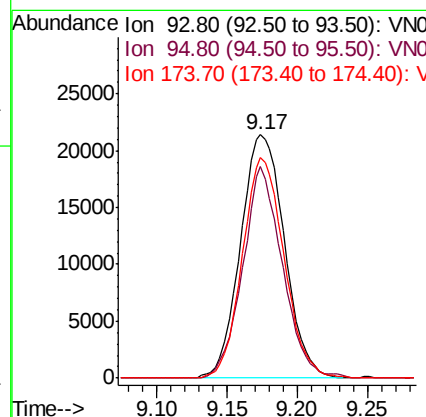
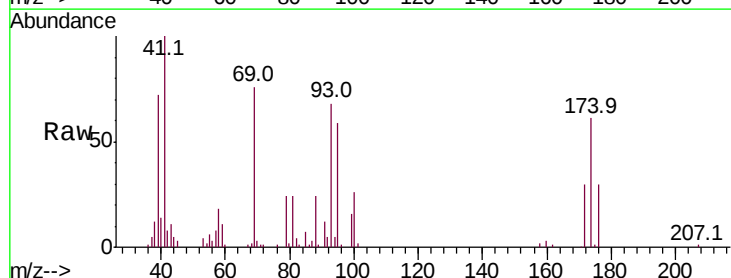
Tgt Ion: 93 Resp: 46673

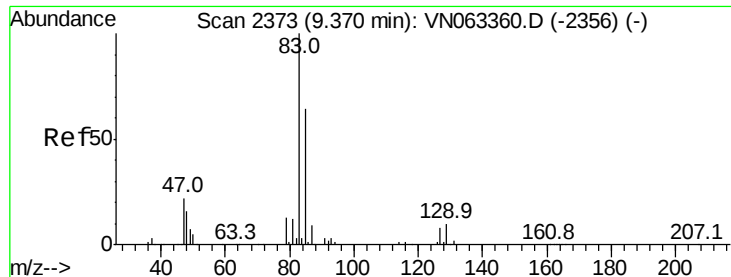
Ion Ratio Lower Upper

93 100

95 78.6 65.6 98.4

174 86.0 68.1 102.1

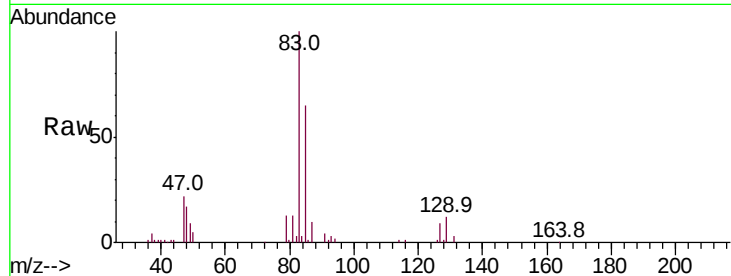




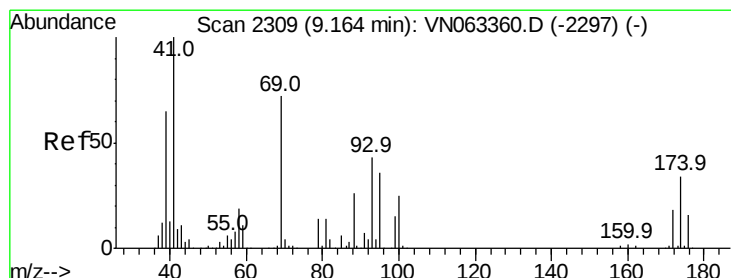
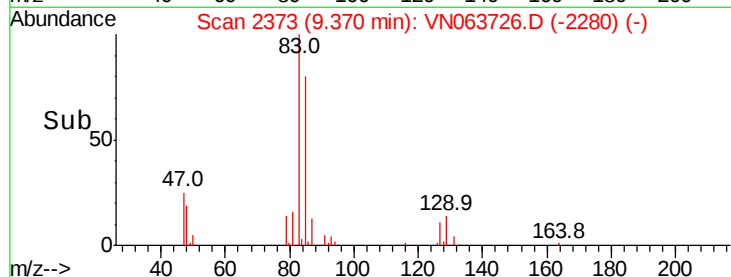
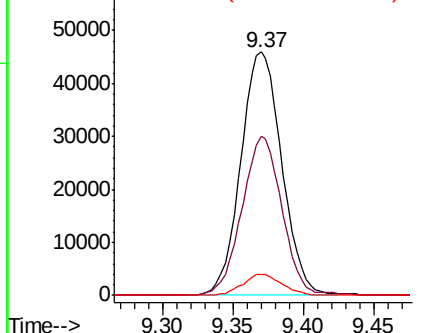
#47
Bromodichloromethane
Concen: 20.073 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tot Ion: 83 Resp: 93405
Ion Ratio Lower Upper
83 100
85 65.2 51.0 76.6
127 8.7 6.3 9.5

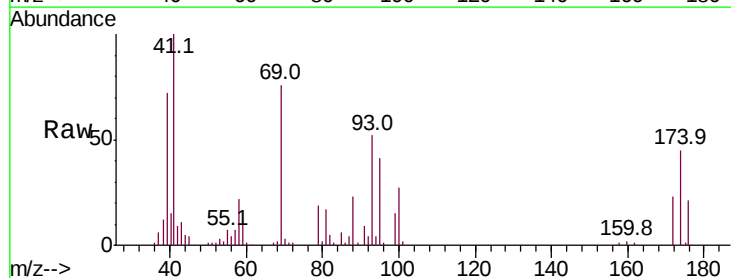


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

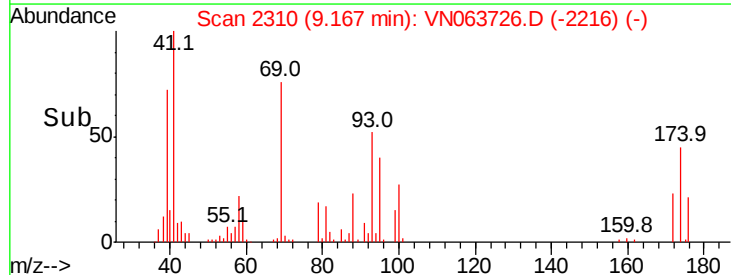
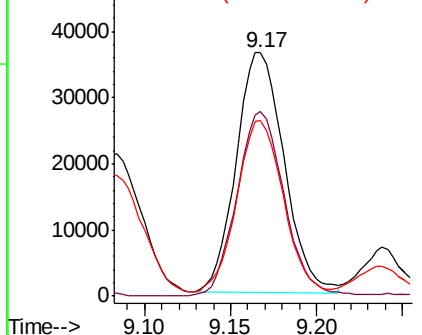


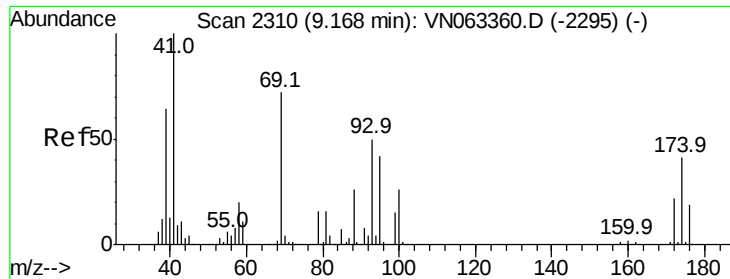
#48
Methyl methacrylate
Concen: 18.638 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Tgt Ion: 41 Resp: 70439
Ion Ratio Lower Upper
41 100
69 75.9 59.3 88.9
39 70.2 52.9 79.3



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





#49

1,4-Dioxane

Concen: 360.847 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

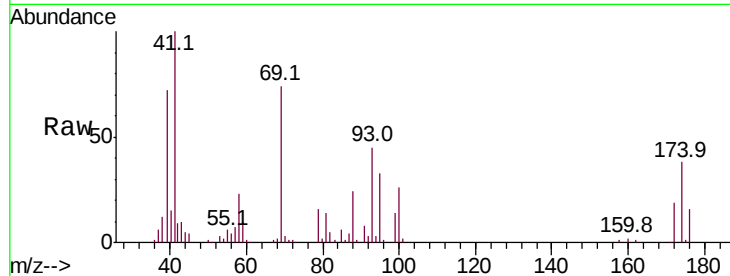
Tot Ion: 88 Resp: 19571

Ion Ratio Lower Upper

88 100

43 43.9 32.6 49.0

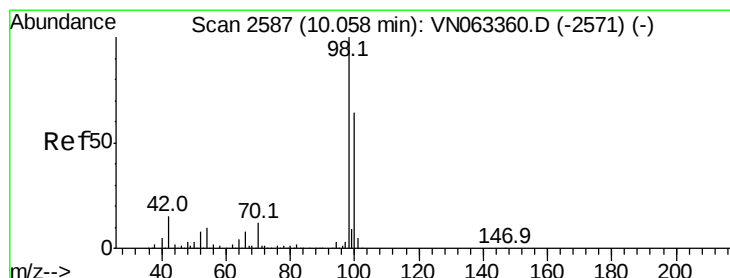
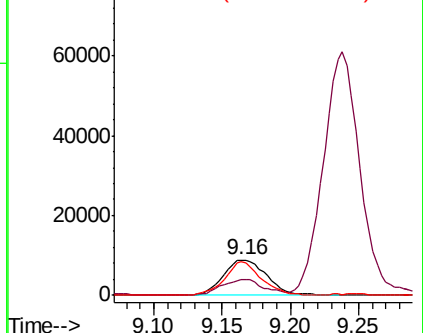
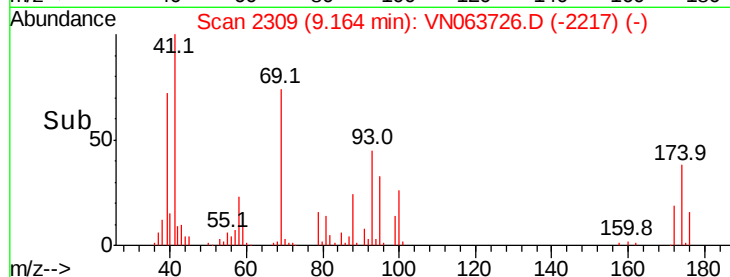
58 78.8 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.271 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063726.D

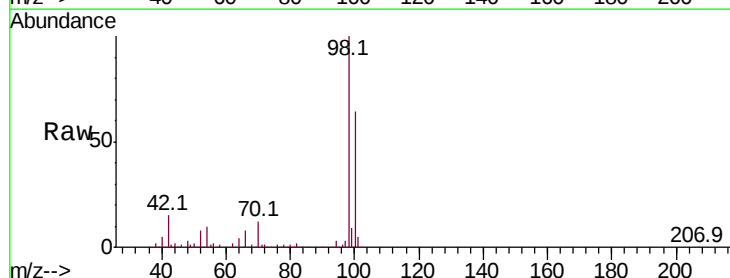
Acq: 29 Sep 2020 14:40

Tgt Ion: 98 Resp: 527705

Ion Ratio Lower Upper

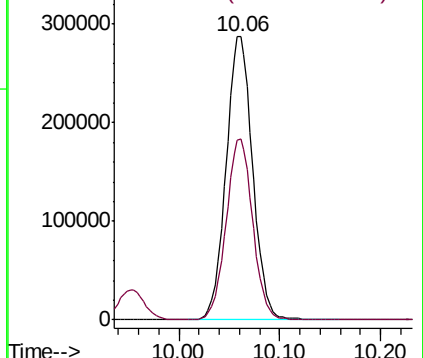
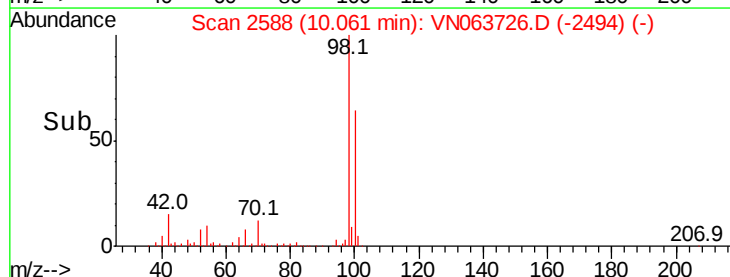
98 100

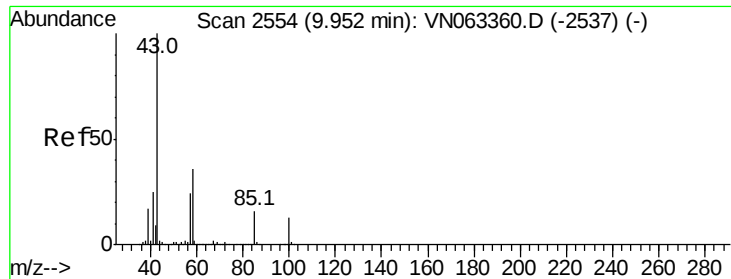
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 101.347 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleID :

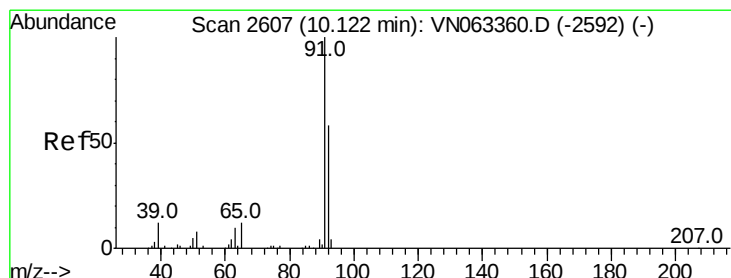
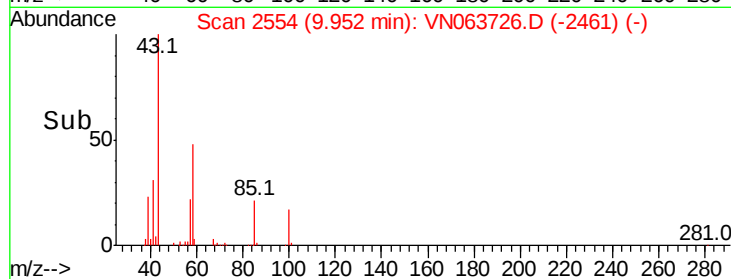
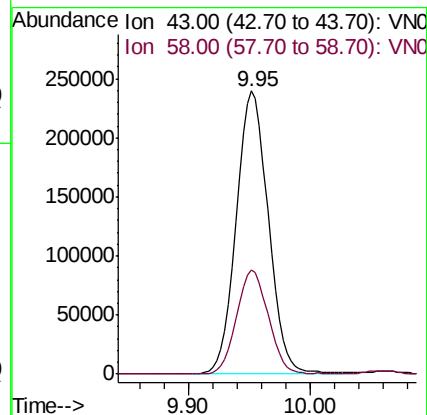
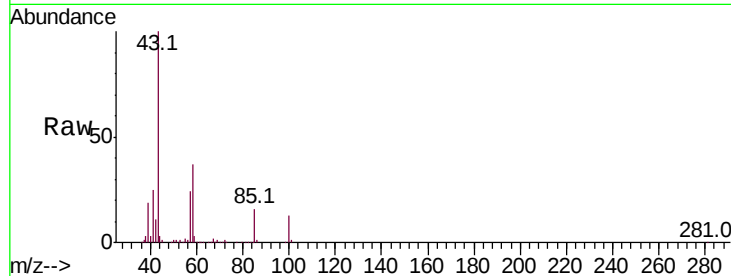
VN0929WBSD01

Tot Ion: 43 Resp: 436453

Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.6



#52

Toluene

Concen: 19.358 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063726.D

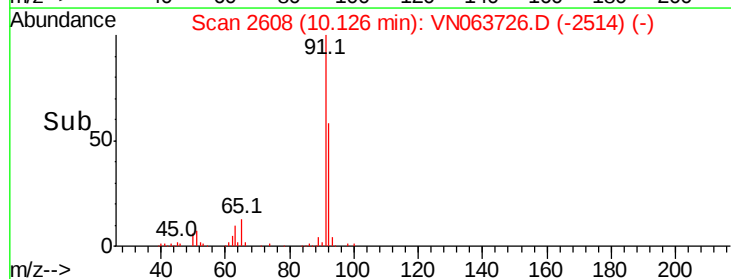
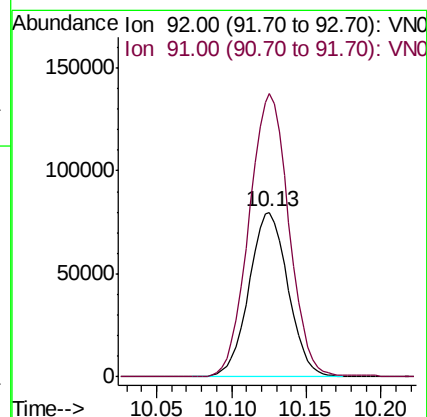
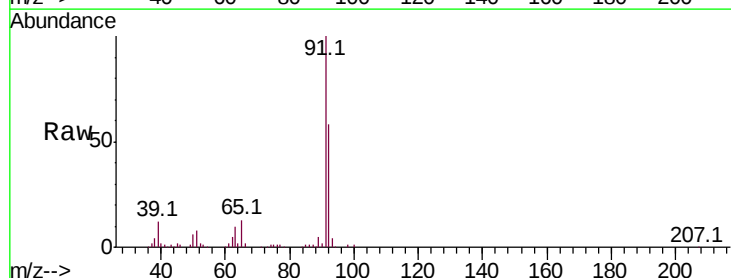
Acq: 29 Sep 2020 14:40

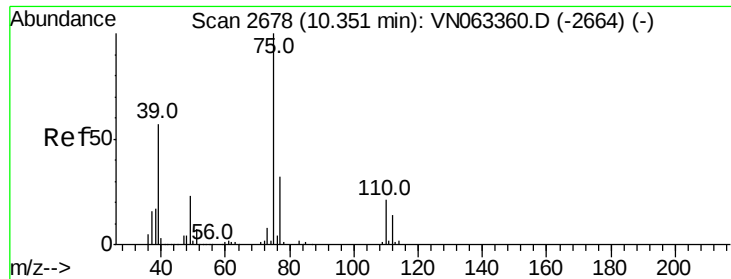
Tgt Ion: 92 Resp: 145632

Ion Ratio Lower Upper

92 100

91 175.6 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 19.167 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

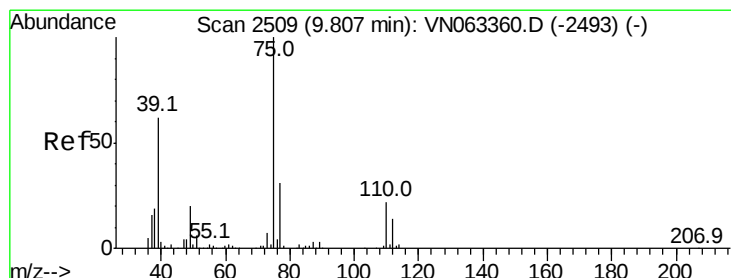
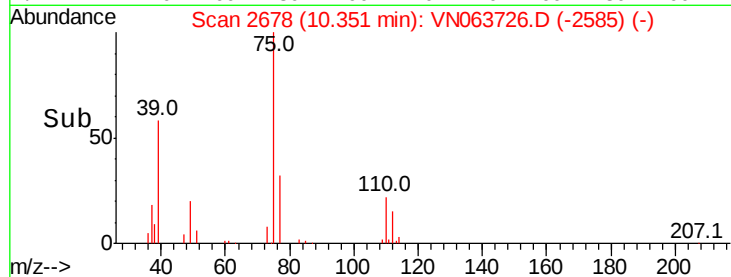
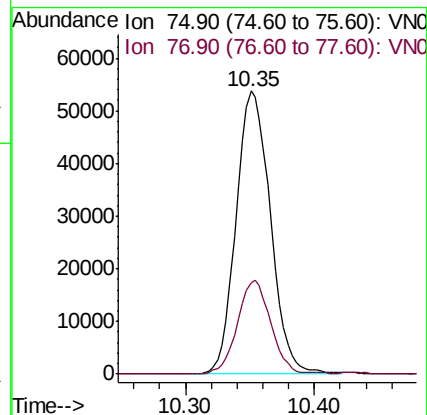
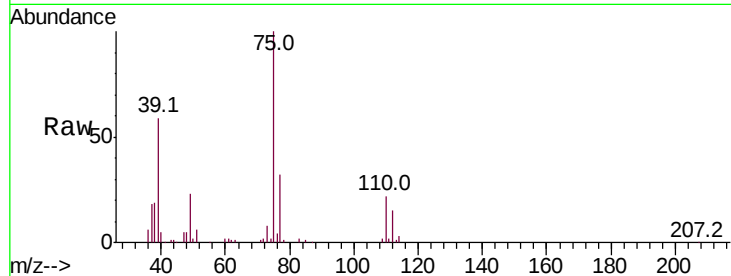
VN0929WBSD01

Tot Ion: 75 Resp: 99569

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.916 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

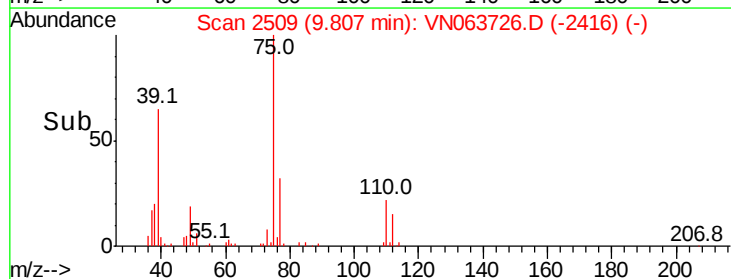
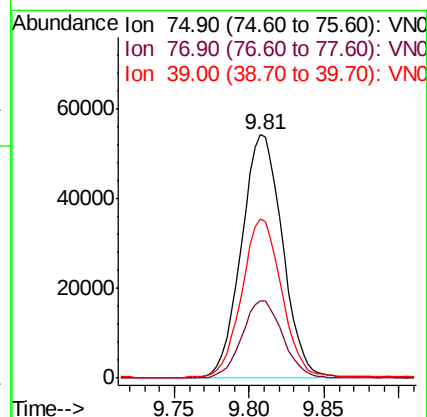
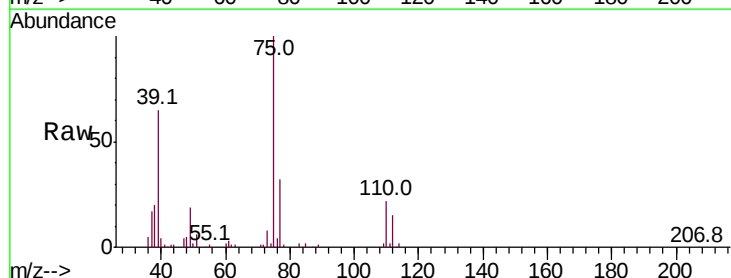
Tgt Ion: 75 Resp: 103649

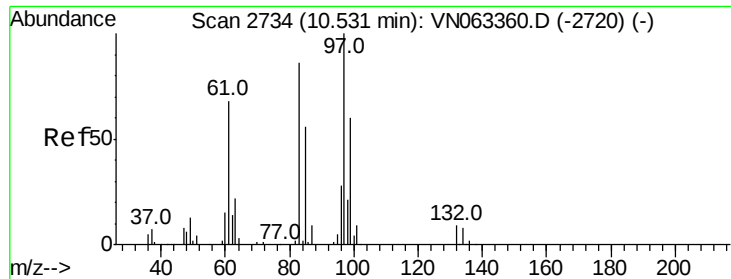
Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

39 64.8 49.8 74.8



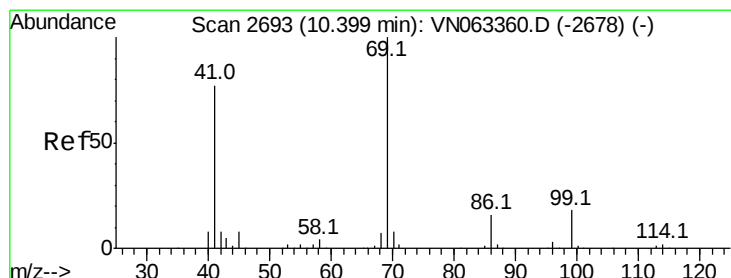
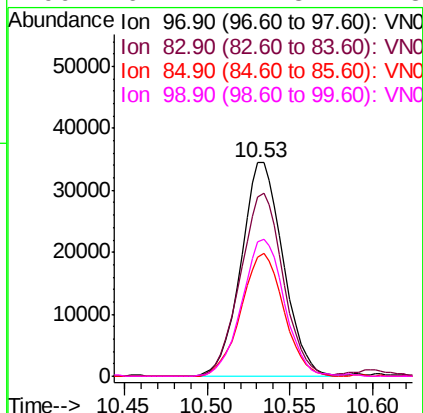
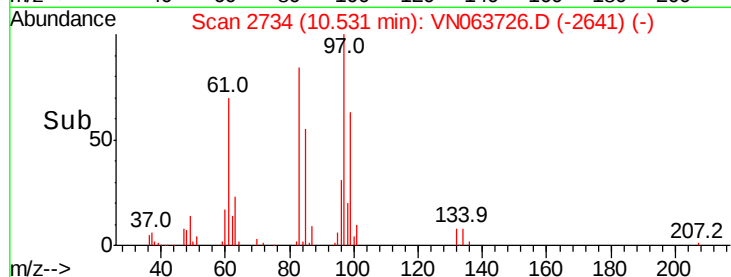
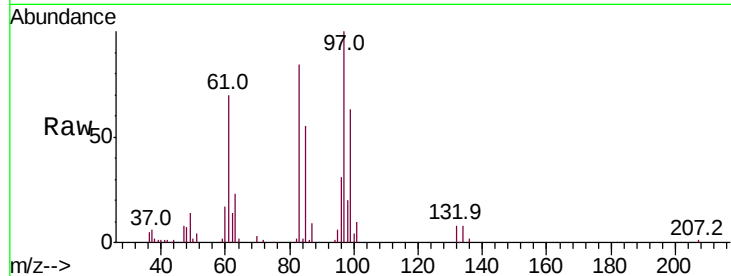


#55
 1,1,2-Trichloroethane
 Concen: 20.363 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Instrument :
 MSVOA_N
 ClientSampled :
 VN0929WBSD01

Tot Ion: 97 Resp: 60849

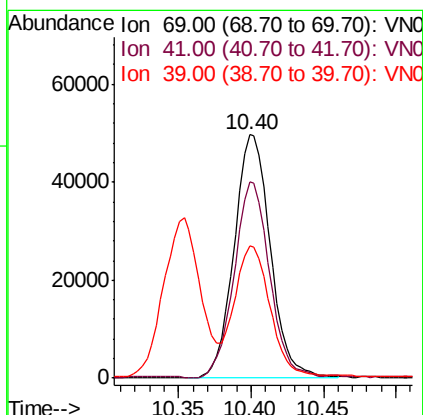
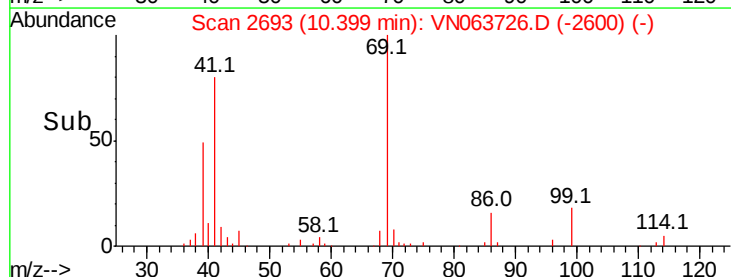
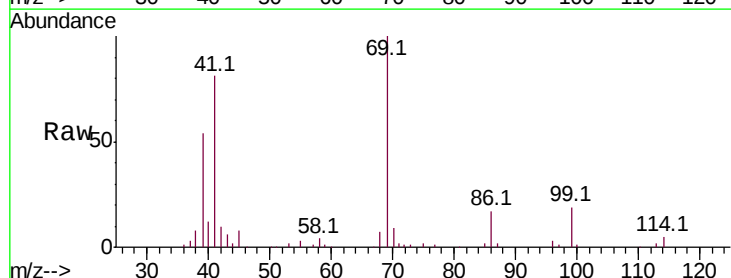
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.9	103.3
85	55.5	44.8	67.2
99	62.7	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 18.527 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Tgt Ion: 69 Resp: 86428

Ion	Ratio	Lower	Upper
69	100		
41	78.2	61.0	91.6
39	53.9	39.2	58.8





#57

1,3-Dichloropropane

Concen: 19.429 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

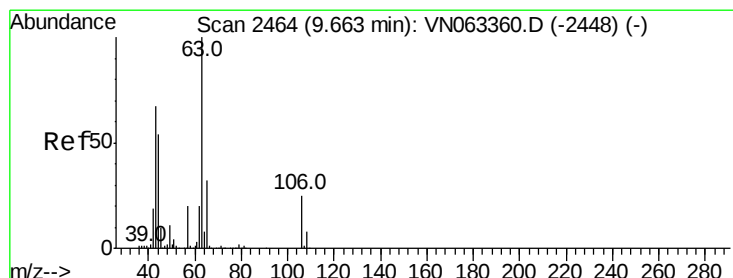
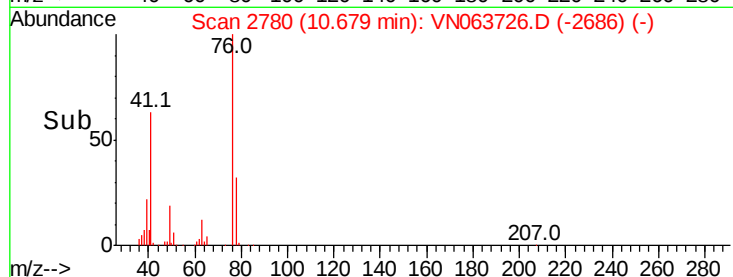
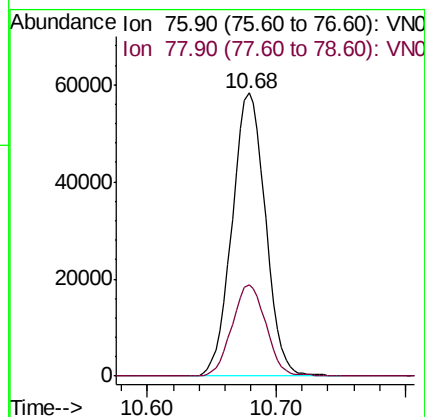
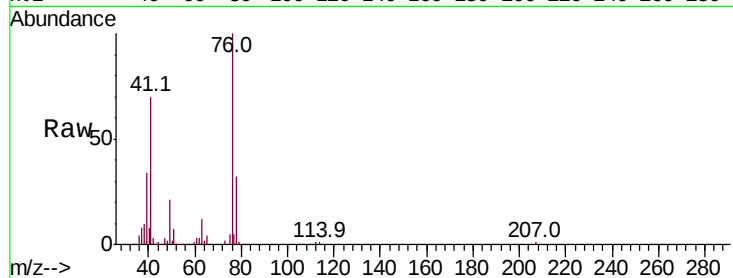
VN0929WBSD01

Tot Ion: 76 Resp: 104696

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 86.902 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063726.D

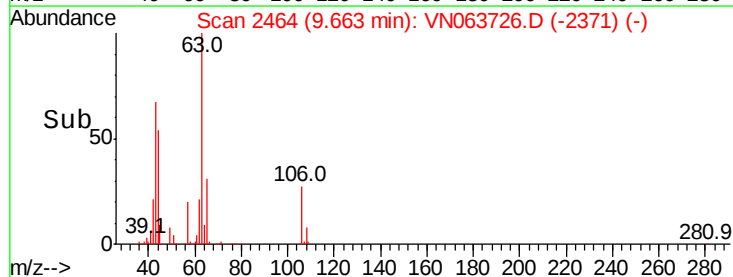
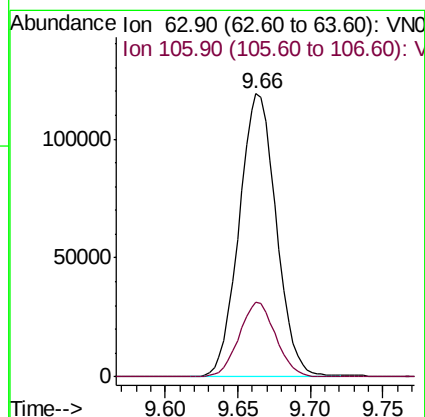
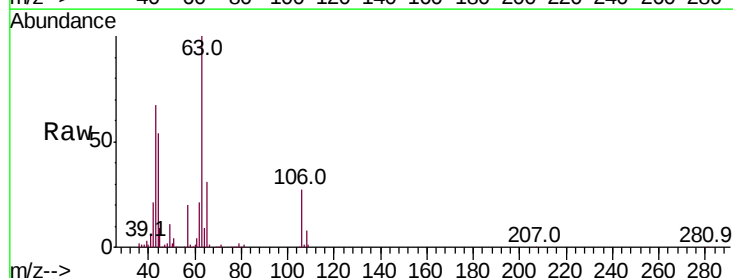
Acq: 29 Sep 2020 14:40

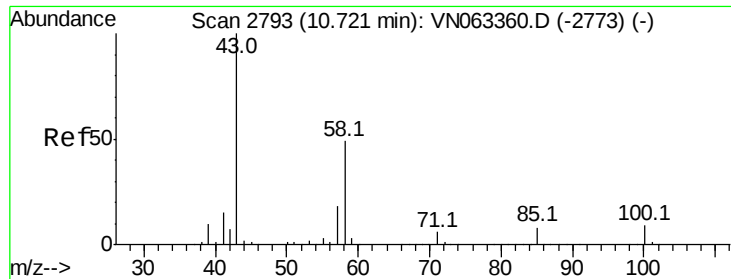
Tgt Ion: 63 Resp: 212661

Ion Ratio Lower Upper

63 100

106 25.9 19.5 29.3

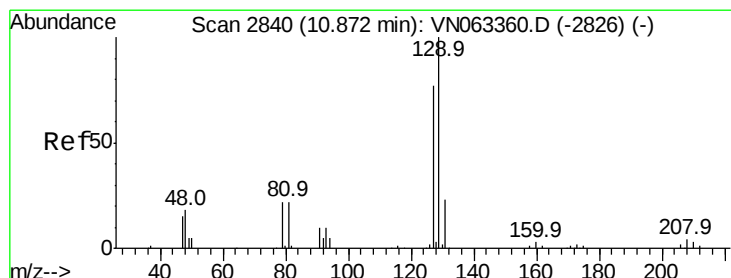
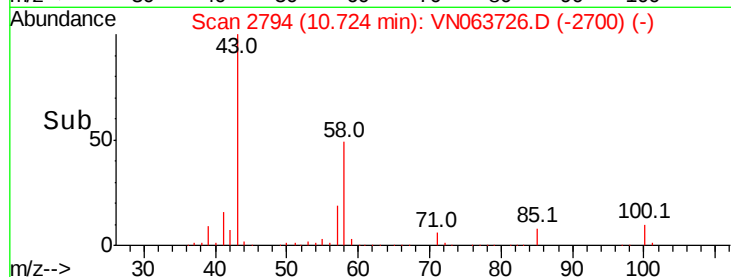
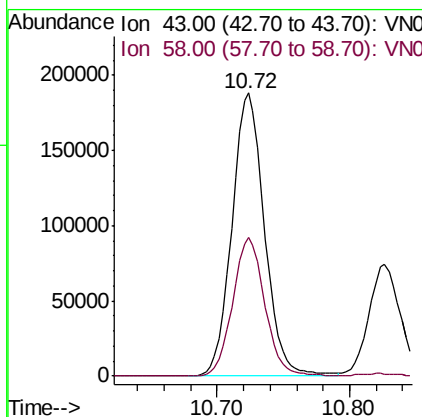
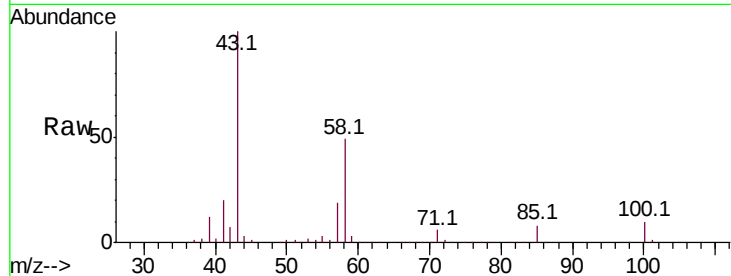




#59
2-Hexanone
Concen: 102.198 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

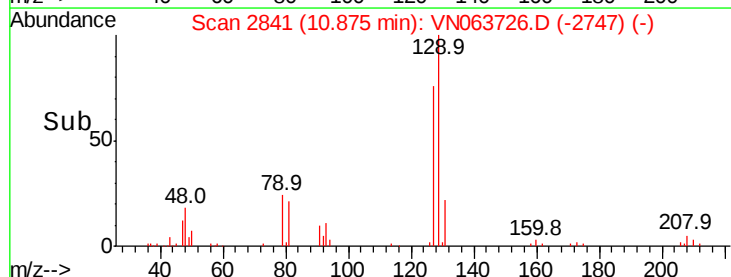
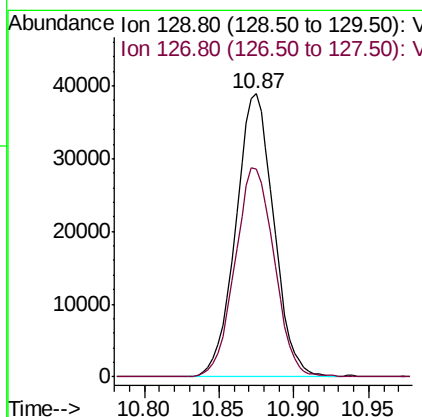
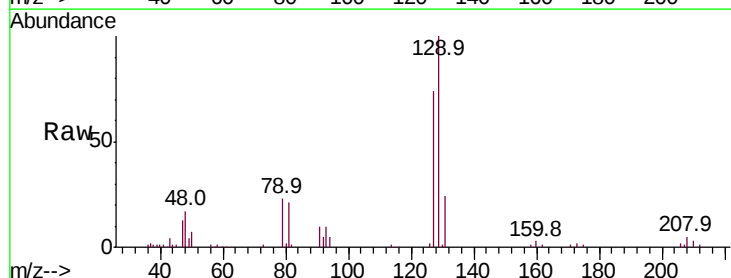
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

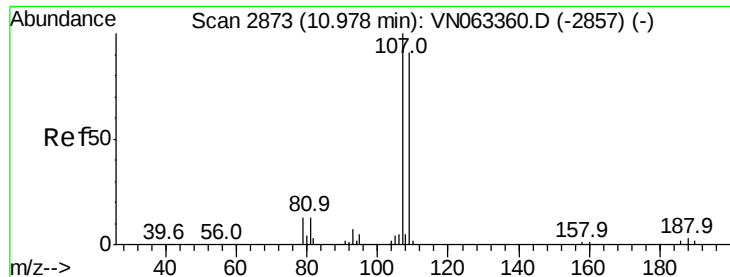
Tot Ion: 43 Resp: 318855
Ion Ratio Lower Upper
43 100
58 48.7 24.7 74.1



#60
Dibromochloromethane
Concen: 20.359 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Tgt Ion: 129 Resp: 68730
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.3





#61

1,2-Dibromoethane

Concen: 19.826 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

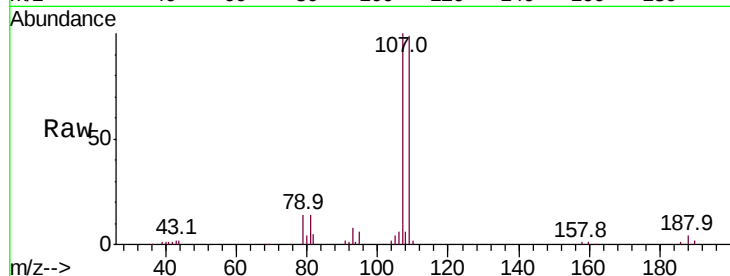
VN0929WBSD01

Tot Ion:107 Resp: 61550

Ion Ratio Lower Upper

107 100

109 96.9 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

30000

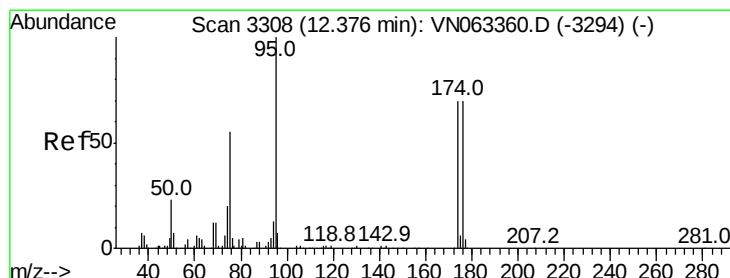
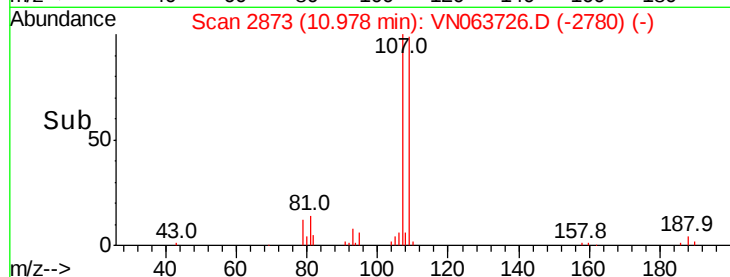
20000

10000

0

Time-->

10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 51.984 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

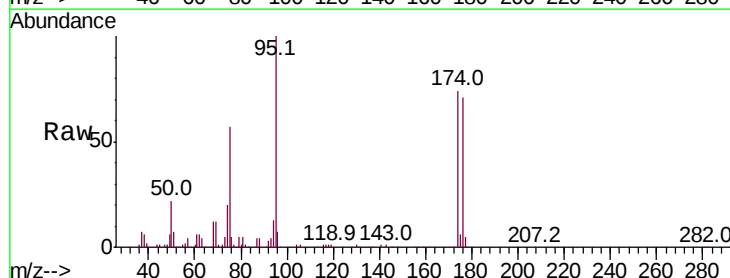
Tgt Ion: 95 Resp: 204098

Ion Ratio Lower Upper

95 100

174 74.0 0.0 140.8

176 70.6 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

150000

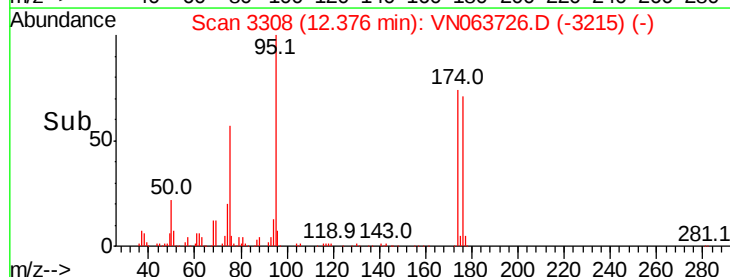
100000

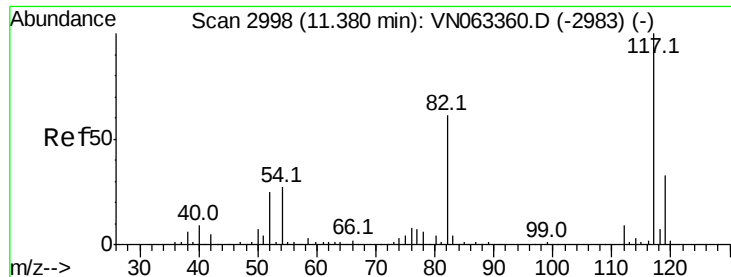
50000

0

Time-->

12.30 12.35 12.40 12.45

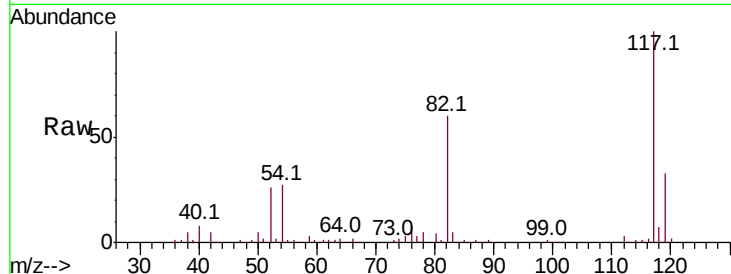




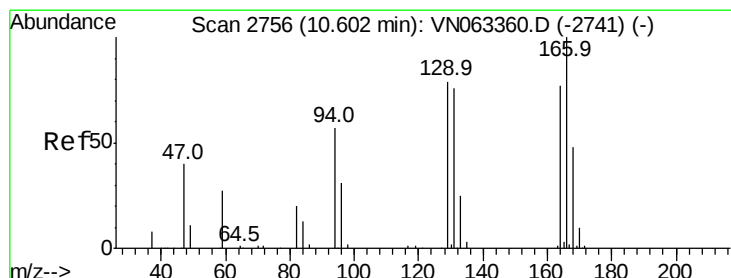
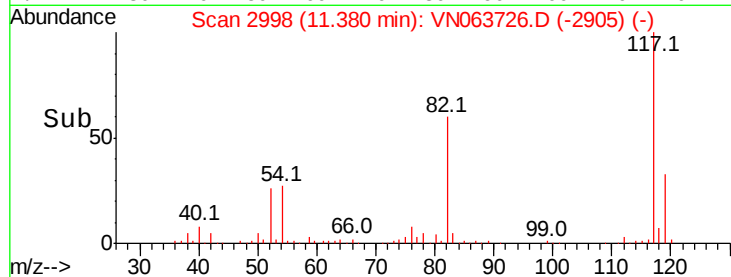
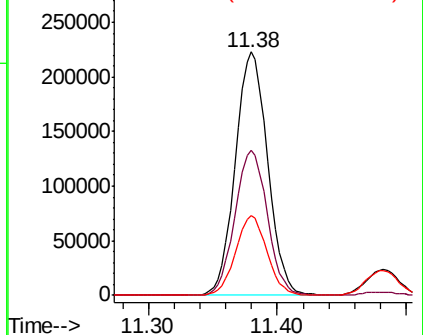
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tot Ion:117 Resp: 388556
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 32.9 26.2 39.4

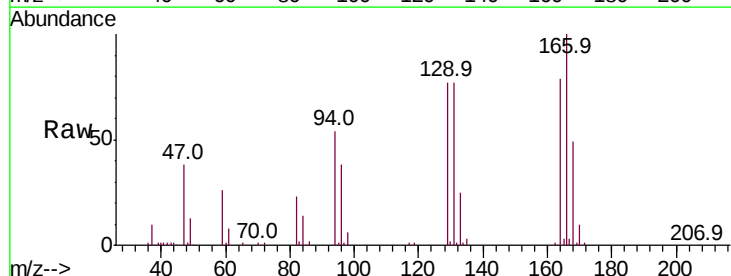


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

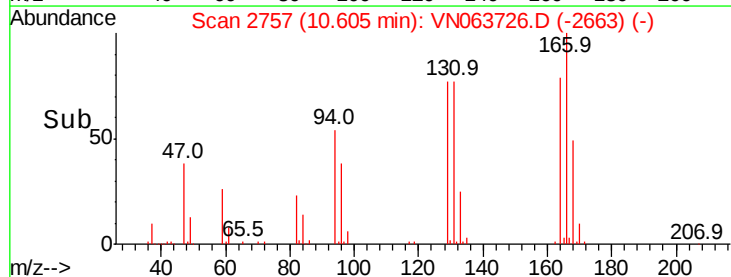
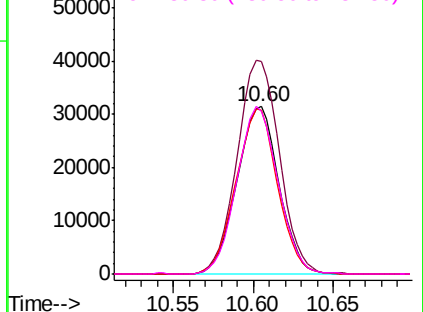


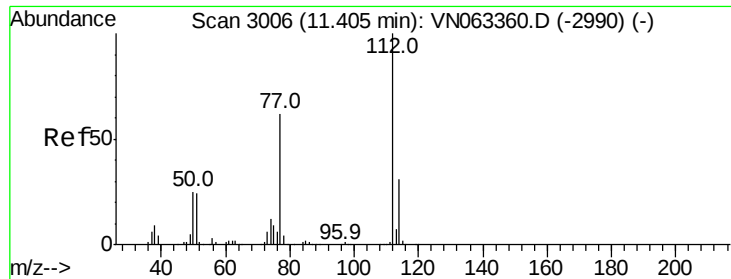
#64
Tetrachloroethene
Concen: 21.177 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Tgt Ion:164 Resp: 56030
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.0
129 97.9 81.8 122.6
131 97.4 78.2 117.4



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: 19.086 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

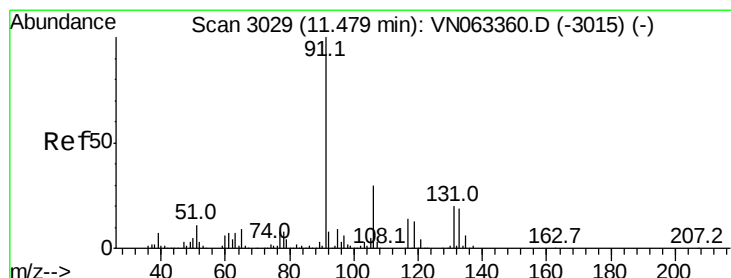
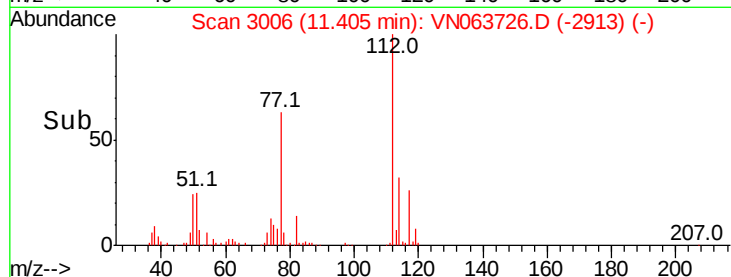
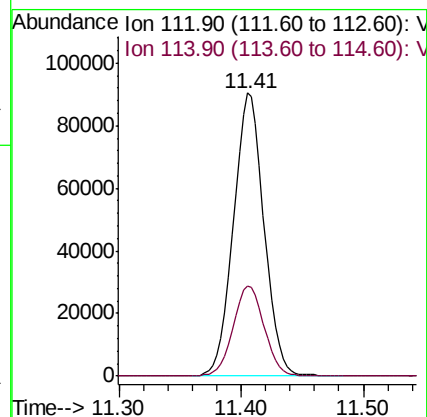
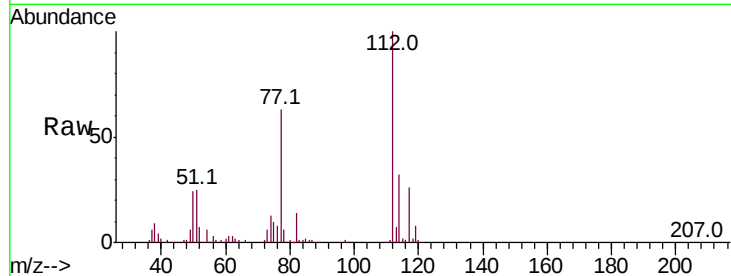
VN0929WBSD01

Tot Ion:112 Resp: 157421

Ion Ratio Lower Upper

112 100

114 31.9 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.972 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

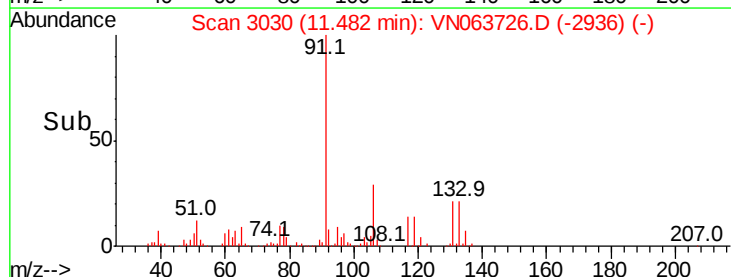
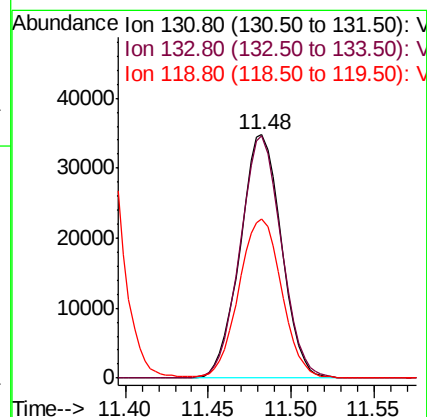
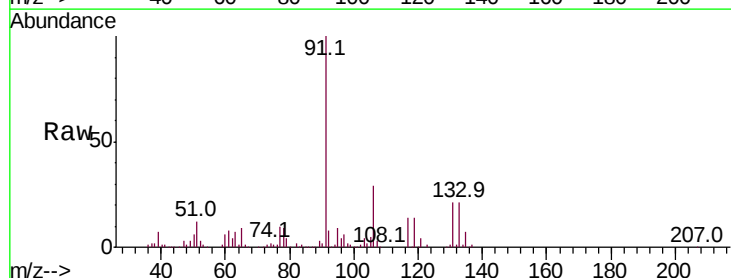
Tgt Ion:131 Resp: 60384

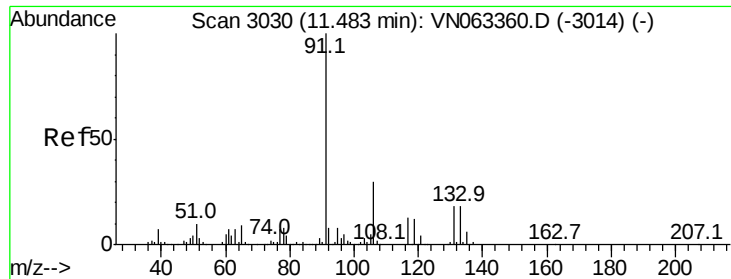
Ion Ratio Lower Upper

131 100

133 99.5 47.3 141.9

119 67.9 33.6 100.8





#67

Ethyl Benzene

Concen: 18.484 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

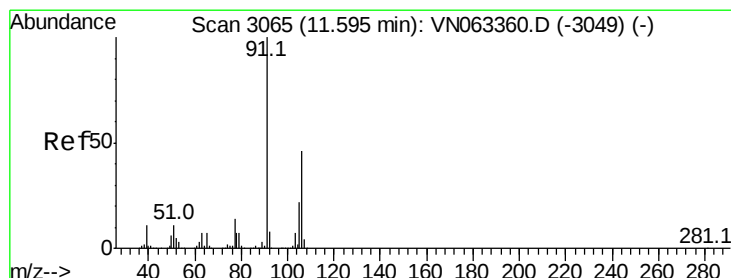
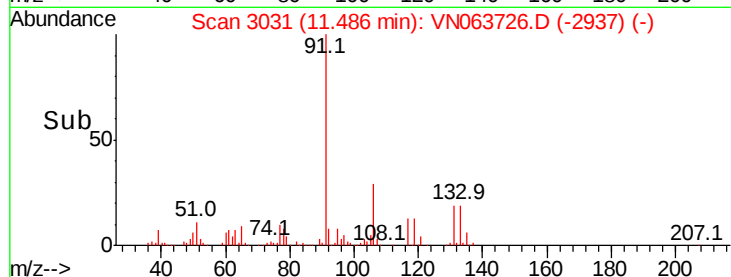
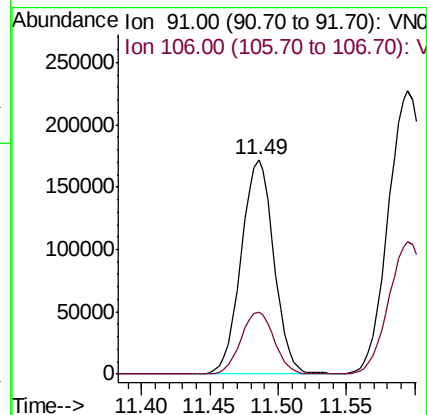
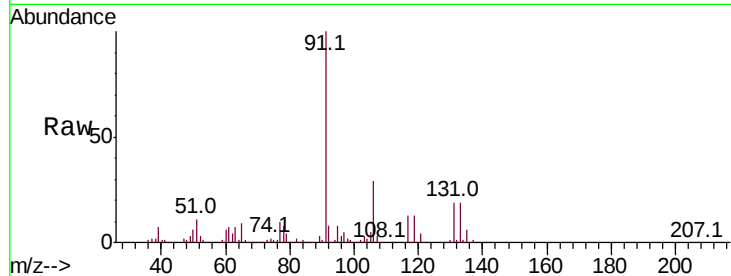
VN0929WBSD01

Tot Ion: 91 Resp: 287098

Ion Ratio Lower Upper

91 100

106 29.0 23.8 35.6



#68

m/p-Xylenes

Concen: 37.332 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063726.D

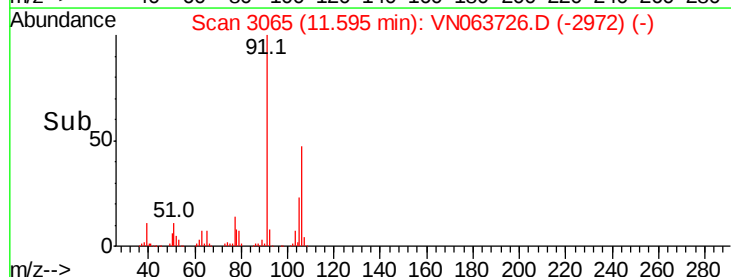
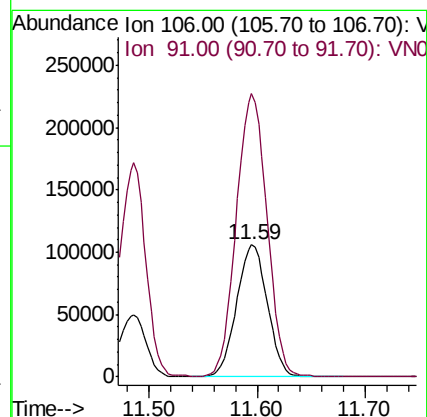
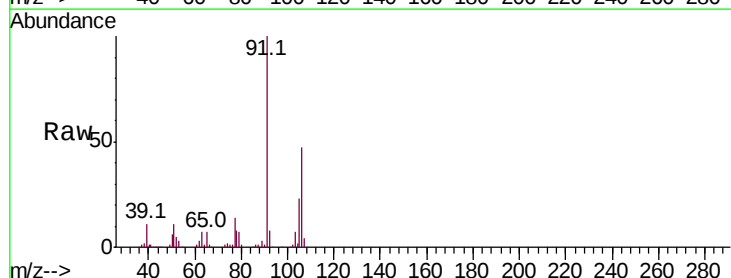
Acq: 29 Sep 2020 14:40

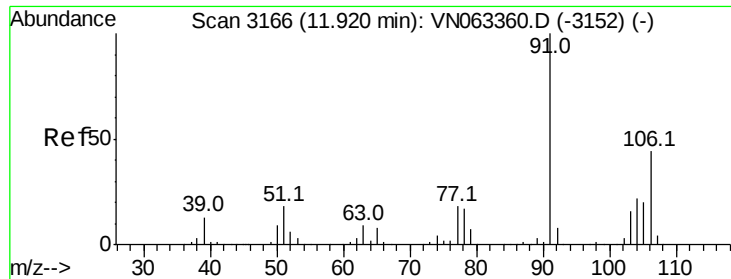
Tgt Ion: 106 Resp: 209070

Ion Ratio Lower Upper

106 100

91 213.5 171.2 256.8

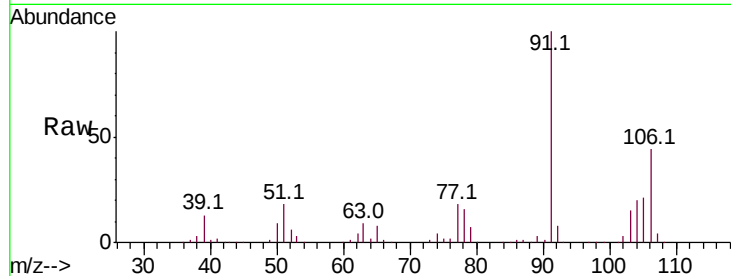




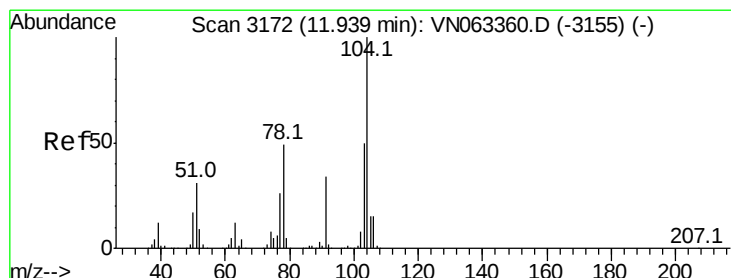
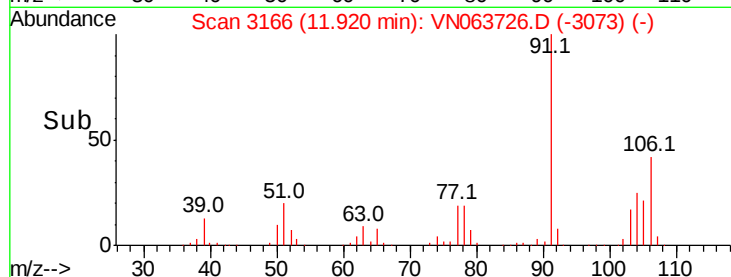
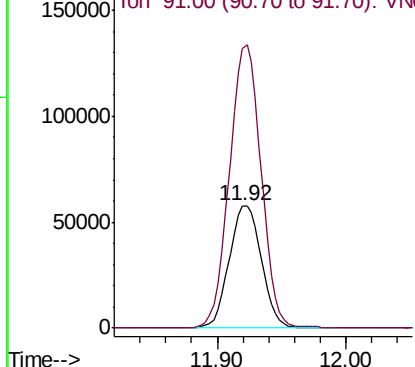
#69
o-Xylene
Concen: 18.813 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Instrument :
MSVOA_N
ClientSampled :
VN0929WBSD01

Tot Ion:106 Resp: 100365
Ion Ratio Lower Upper
106 100
91 227.3 113.6 340.8

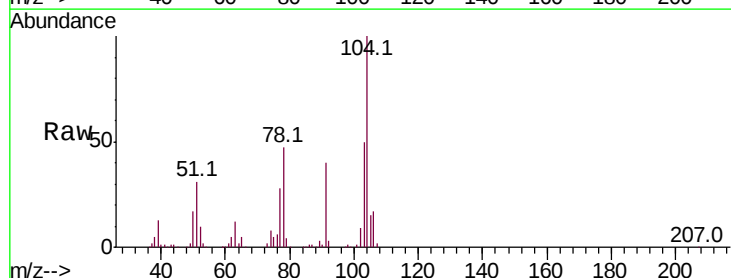


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

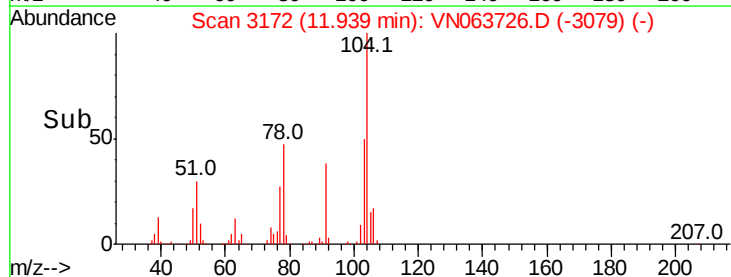
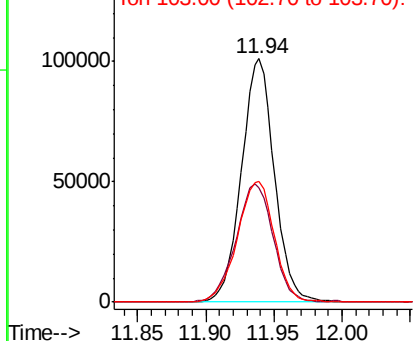


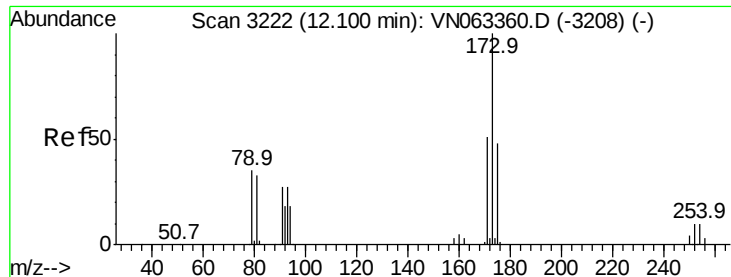
#70
Styrene
Concen: 18.957 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063726.D
Acq: 29 Sep 2020 14:40

Tgt Ion:104 Resp: 169598
Ion Ratio Lower Upper
104 100
78 54.7 44.4 66.6
103 55.9 43.7 65.5



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





#71

Bromoform

Concen: 20.555 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

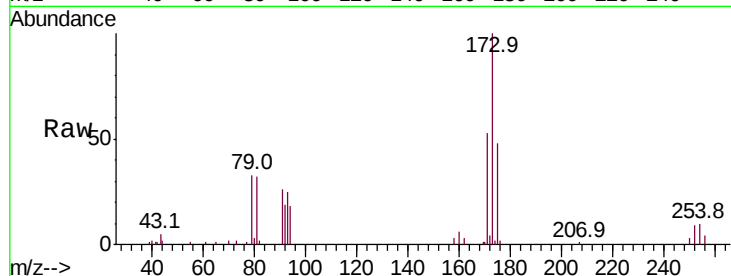
Tot Ion:173 Resp: 46298

Ion Ratio Lower Upper

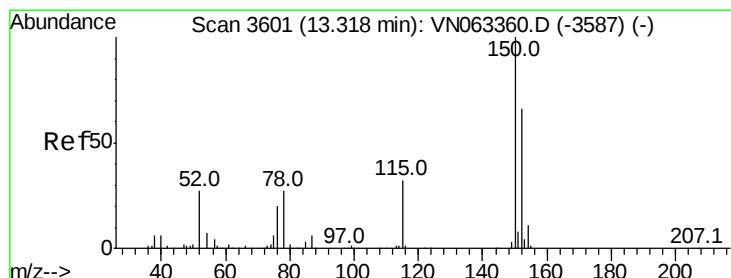
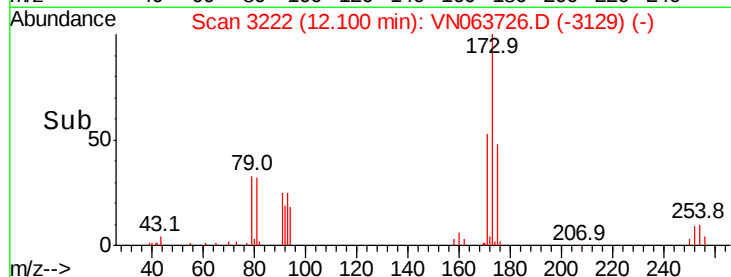
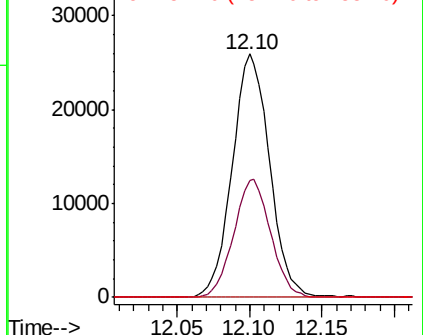
173 100

175 47.7 24.0 72.0

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: VN063726.D

Acq: 29 Sep 2020 14:40

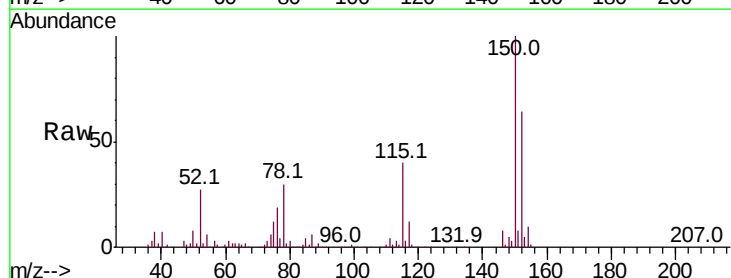
Tgt Ion:152 Resp: 189473

Ion Ratio Lower Upper

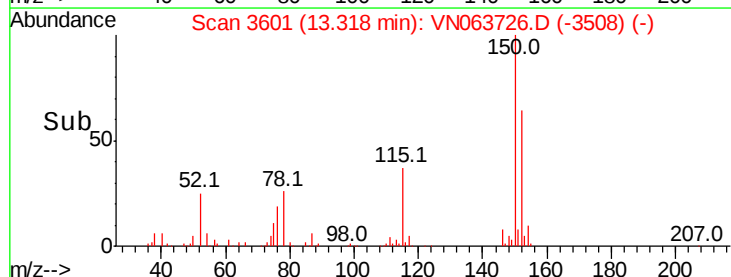
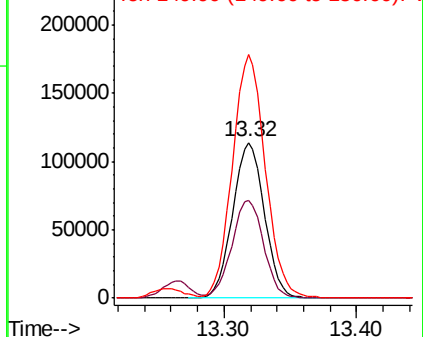
152 100

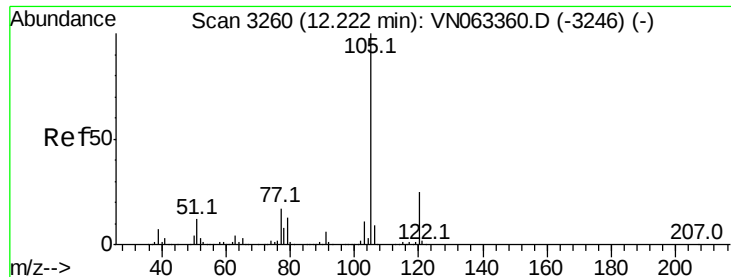
115 63.0 32.2 96.6

150 161.7 0.0 343.4



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





#73

Isopropylbenzene

Concen: 18.010 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

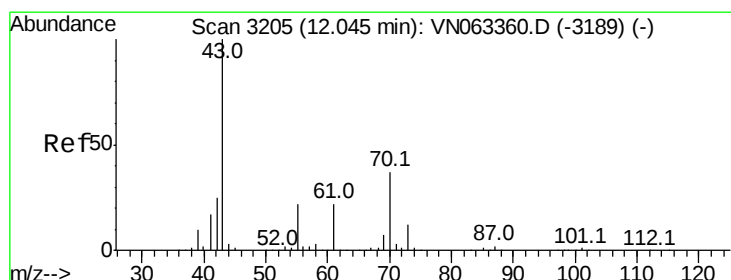
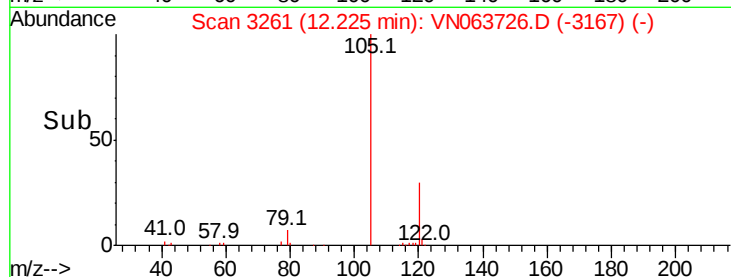
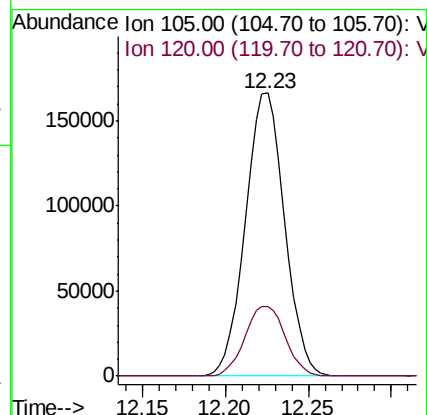
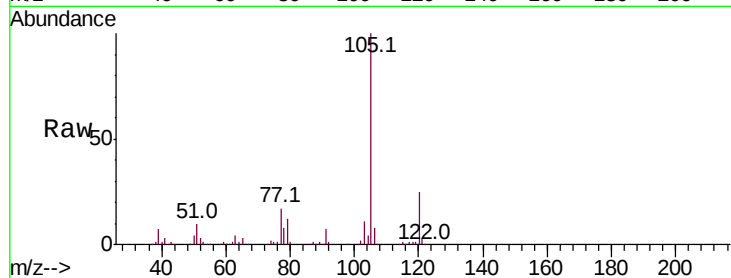
VN0929WBSD01

Tot Ion:105 Resp: 273448

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.0



#74

N-ethyl acetate

Concen: 17.132 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Tgt Ion: 43 Resp: 123133

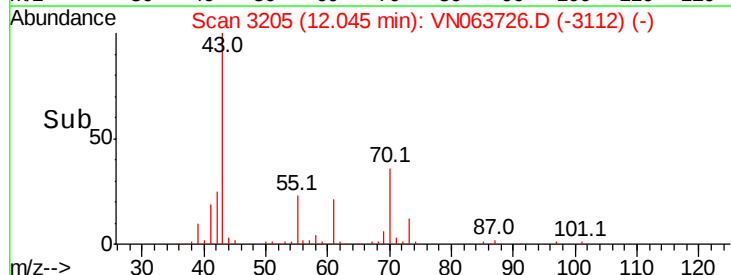
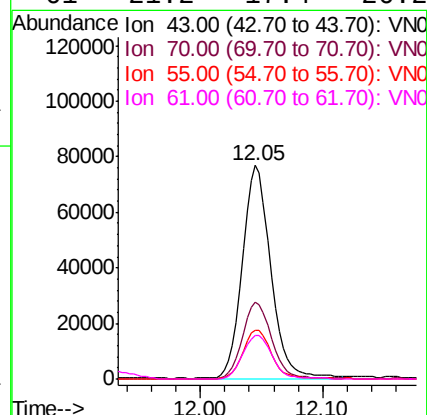
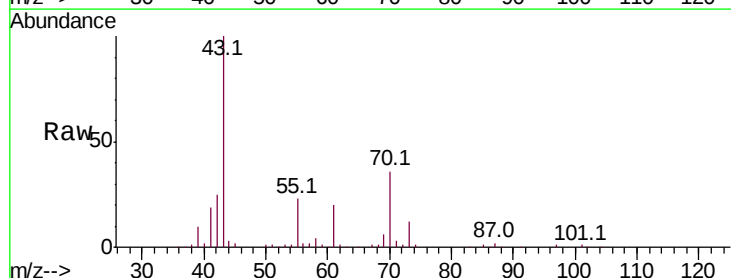
Ion Ratio Lower Upper

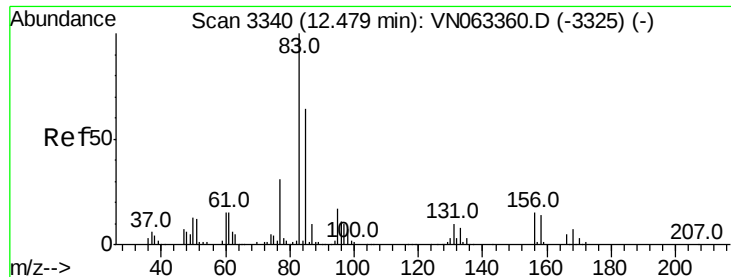
43 100

70 37.2 29.6 44.4

55 23.3 17.7 26.5

61 21.2 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.689 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

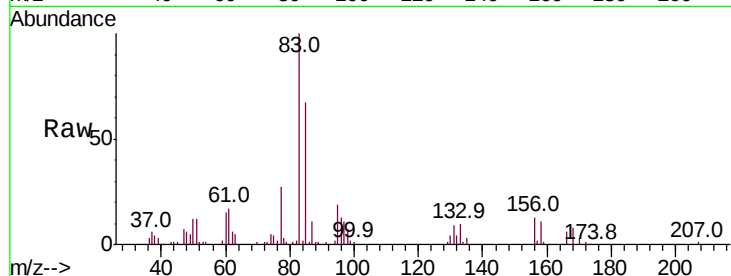
Tot Ion: 83 Resp: 87862

Ion Ratio Lower Upper

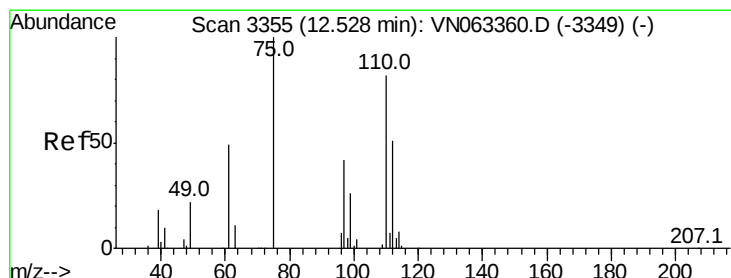
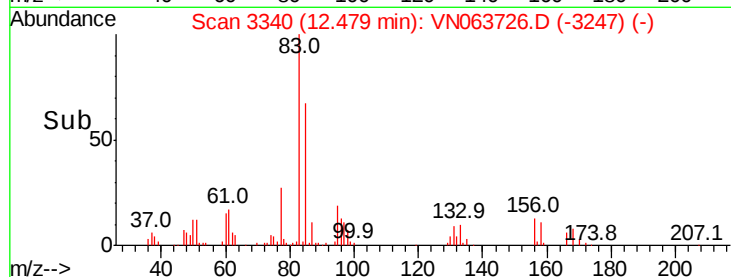
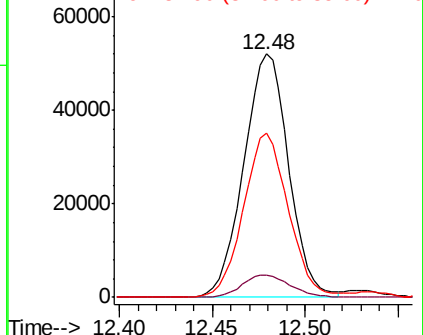
83 100

131 10.0 4.9 14.7

85 67.0 32.0 96.0



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: 26.302 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063726.D

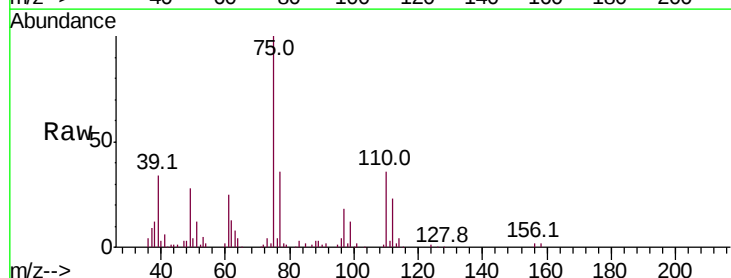
Acq: 29 Sep 2020 14:40

Tgt Ion: 75 Resp: 123349

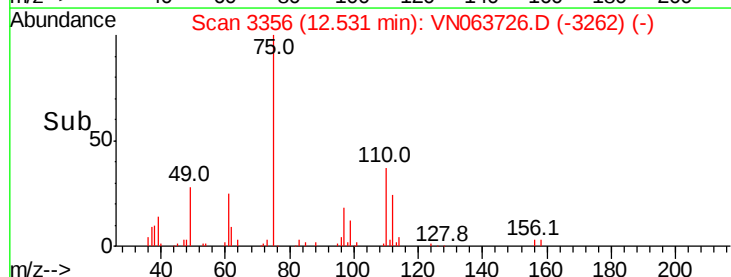
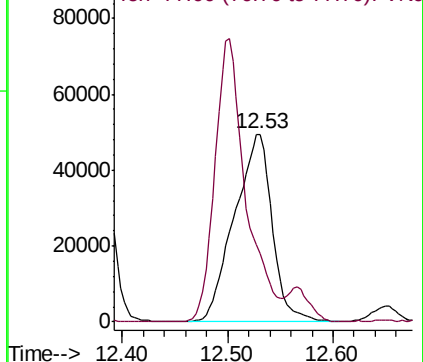
Ion Ratio Lower Upper

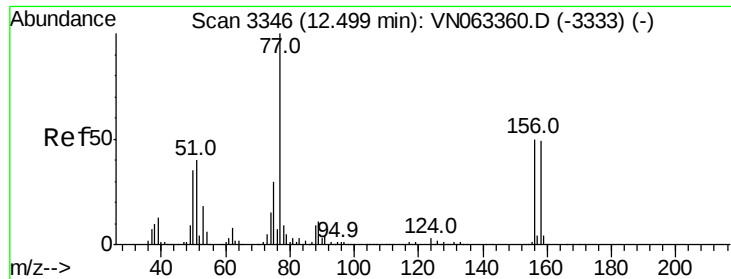
75 100

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: 19.541 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

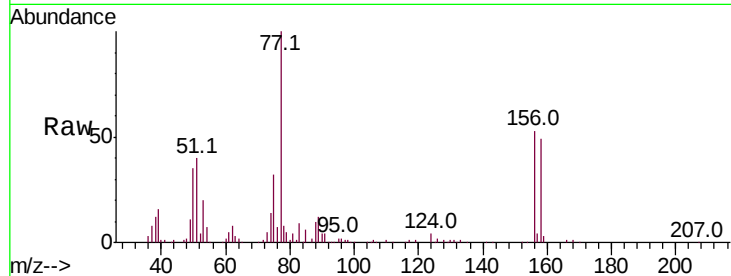
Tot Ion:156 Resp: 66740

Ion Ratio Lower Upper

156 100

77 227.3 120.2 360.6

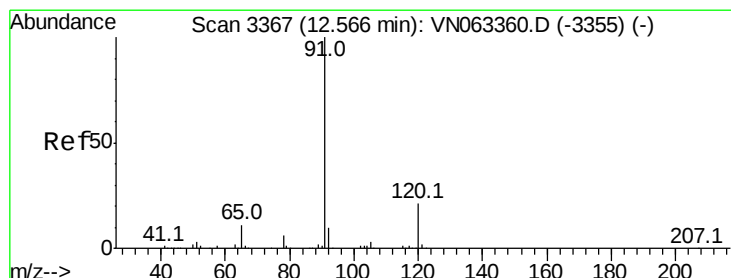
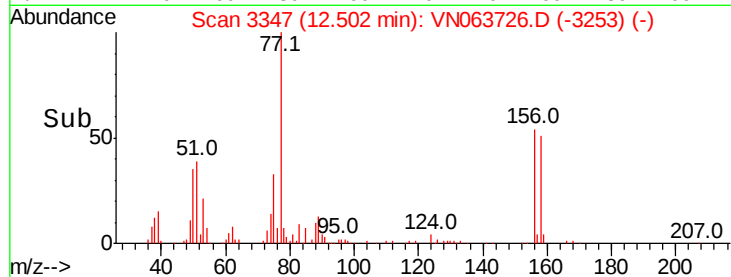
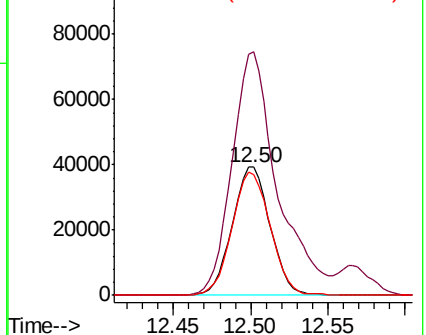
158 97.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.139 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063726.D

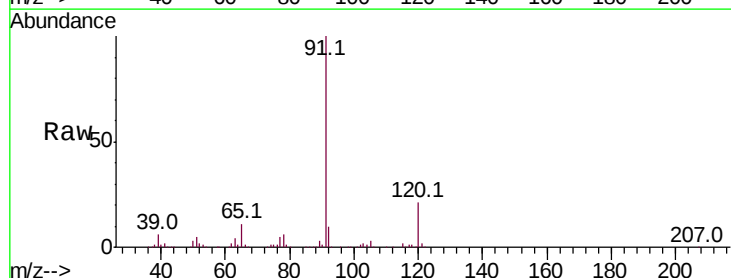
Acq: 29 Sep 2020 14:40

Tgt Ion: 91 Resp: 320774

Ion Ratio Lower Upper

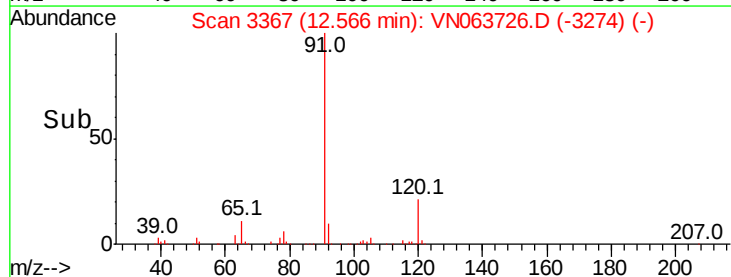
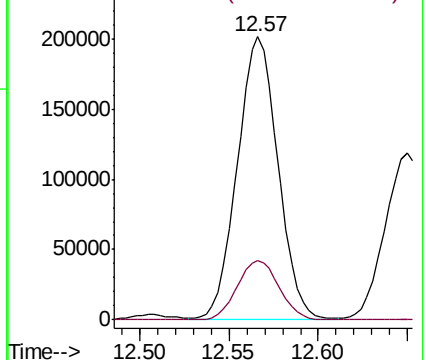
91 100

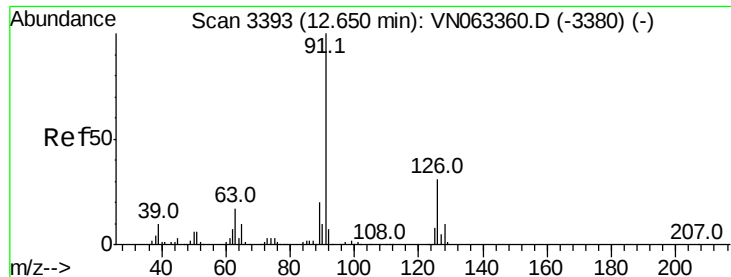
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

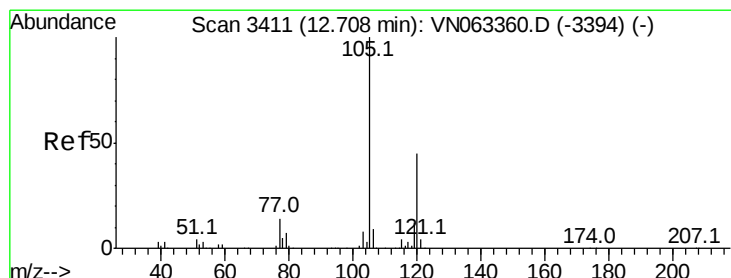
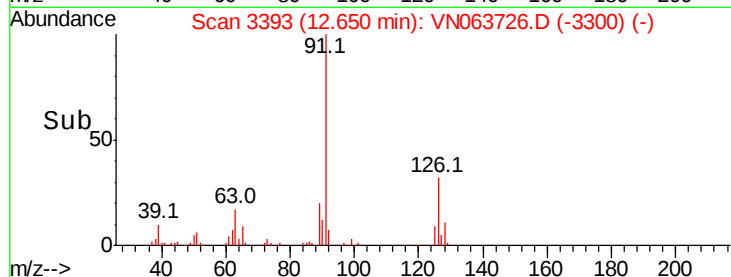
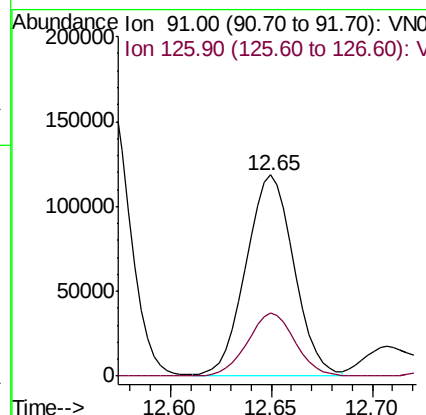
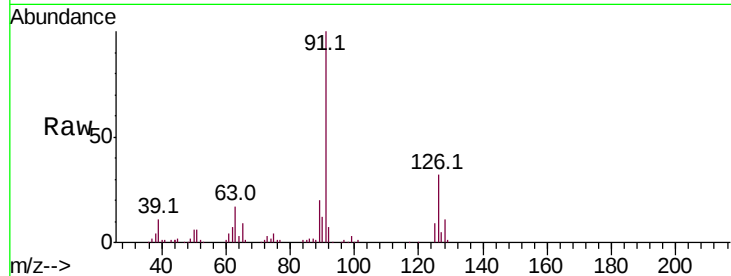




#79
 2-Chlorotoluene
 Concen: 18.597 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

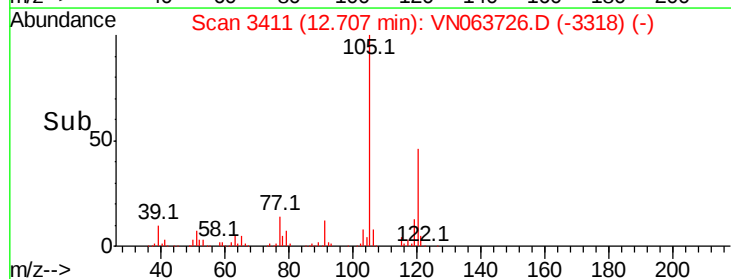
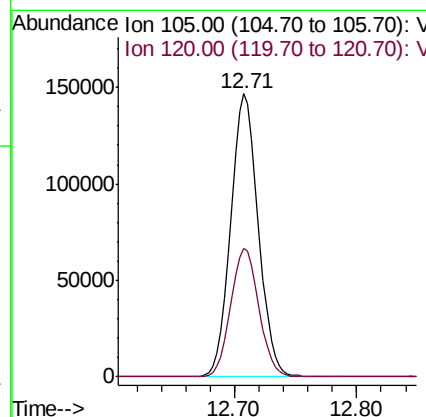
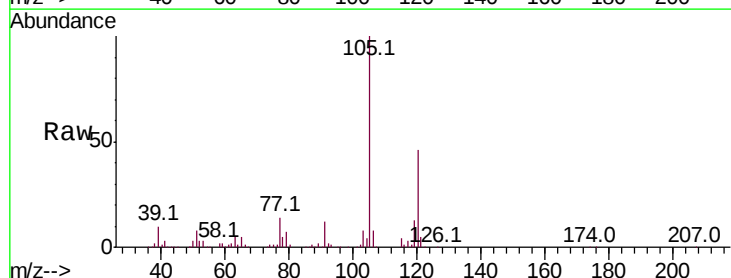
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

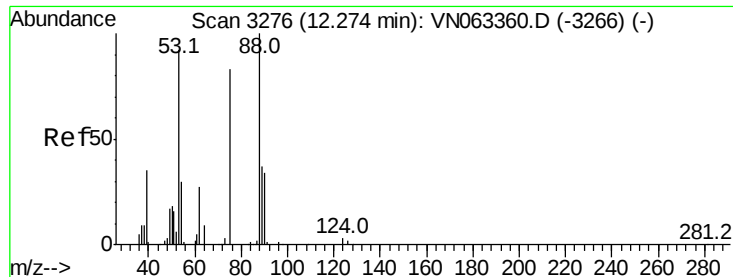
Tot Ion: 91 Resp: 197146
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.360 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Tgt Ion:105 Resp: 232450
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.048 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

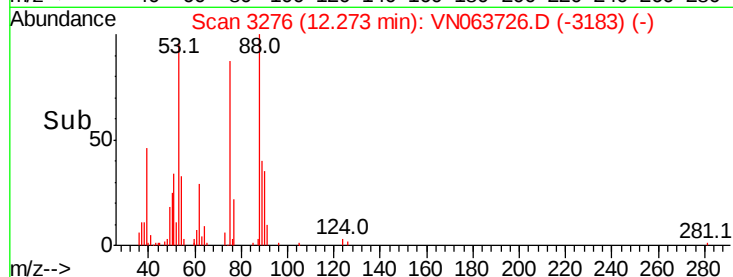
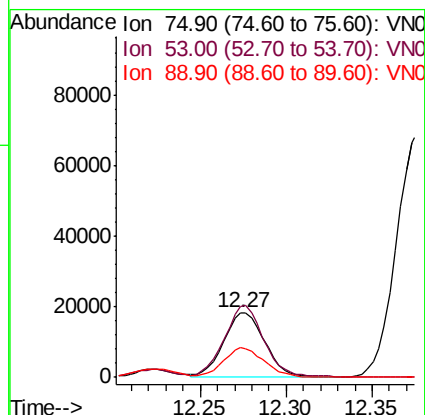
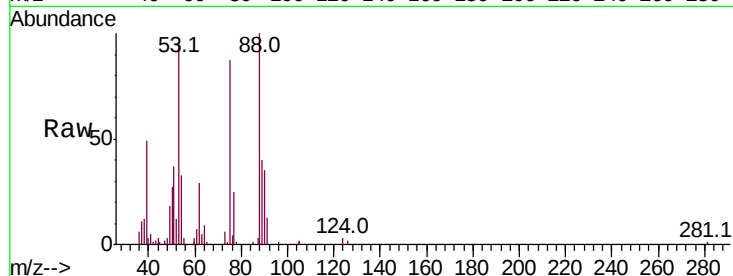
Tot Ion: 75 Resp: 30872

Ion Ratio Lower Upper

75 100

53 108.0 85.7 128.5

89 45.0 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.228 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063726.D

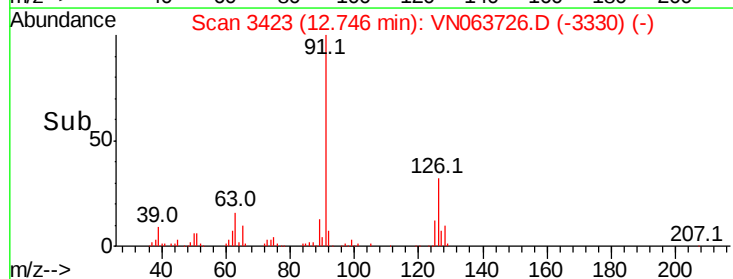
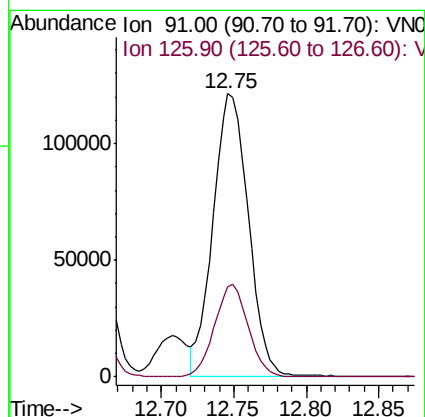
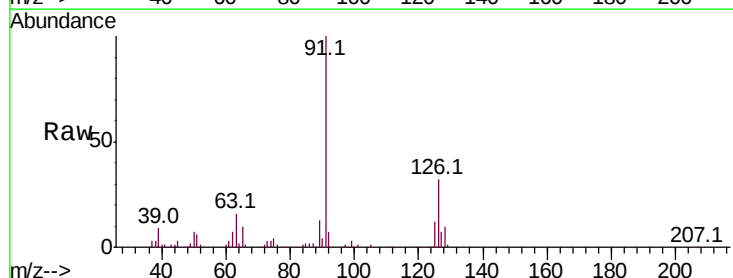
Acq: 29 Sep 2020 14:40

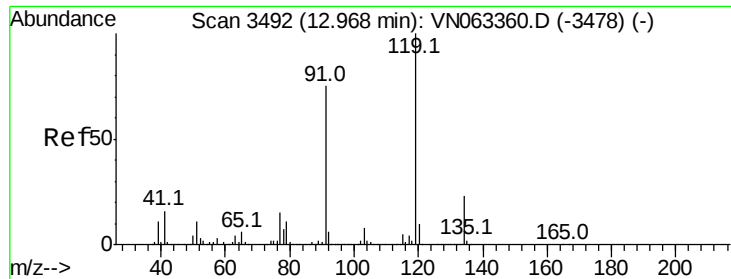
Tgt Ion: 91 Resp: 204162

Ion Ratio Lower Upper

91 100

126 31.4 15.5 46.5





#83

tert-Butylbenzene

Concen: 17.928 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

VN0929WBSD01

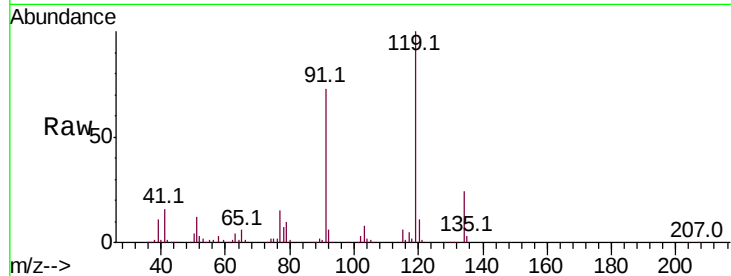
Tot Ion:119 Resp: 187338

Ion Ratio Lower Upper

119 100

91 71.7 36.3 108.9

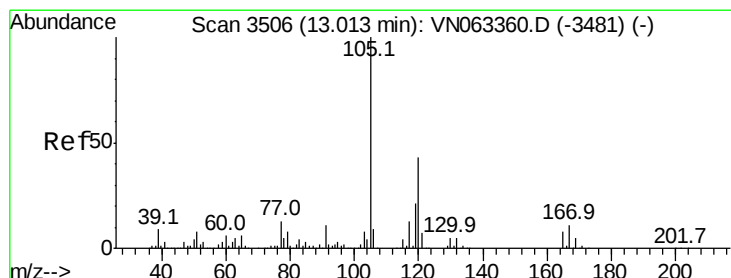
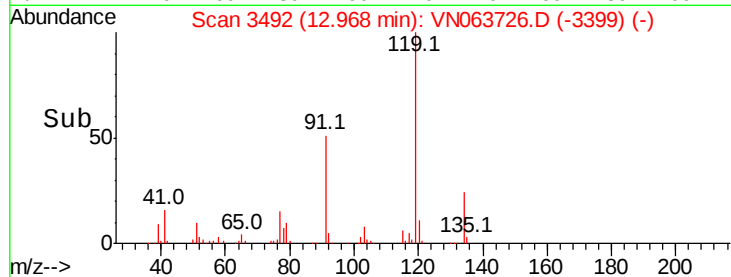
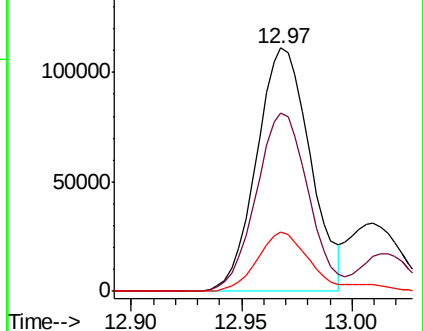
134 23.4 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.305 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063726.D

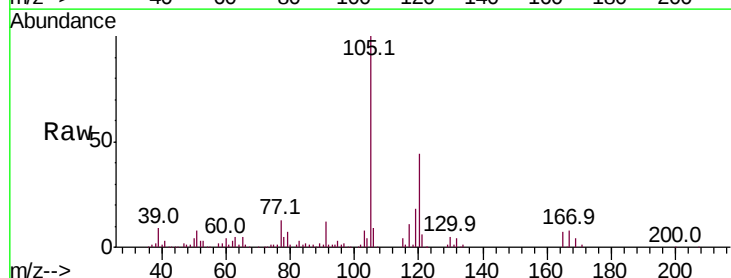
Acq: 29 Sep 2020 14:40

Tgt Ion:105 Resp: 234092

Ion Ratio Lower Upper

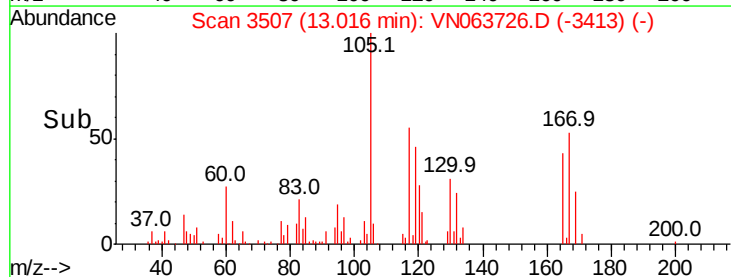
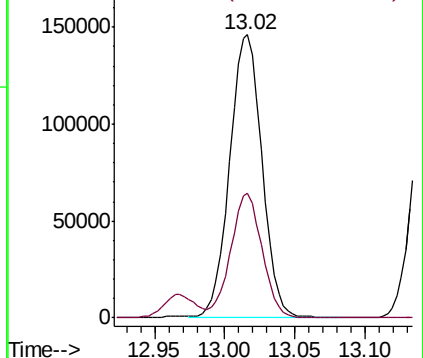
105 100

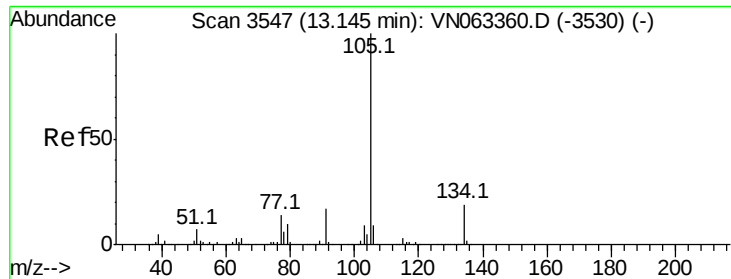
120 42.9 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

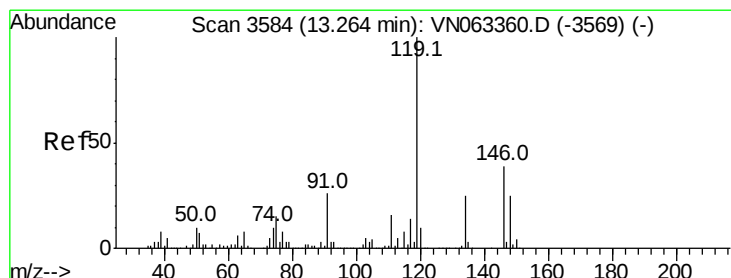
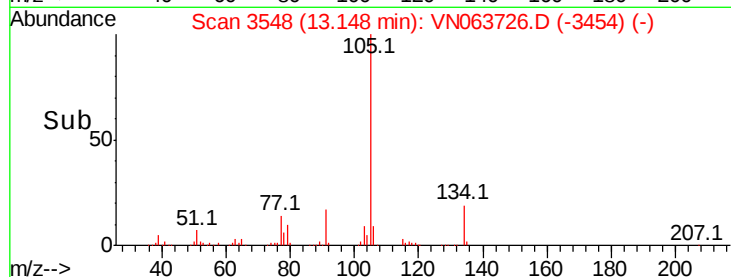
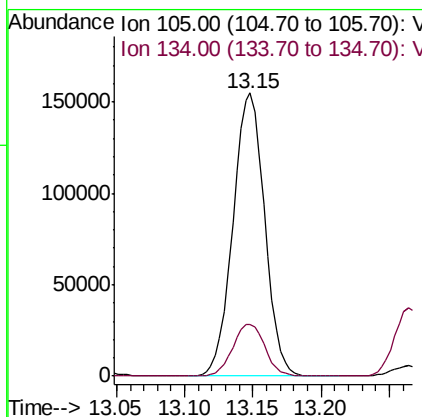
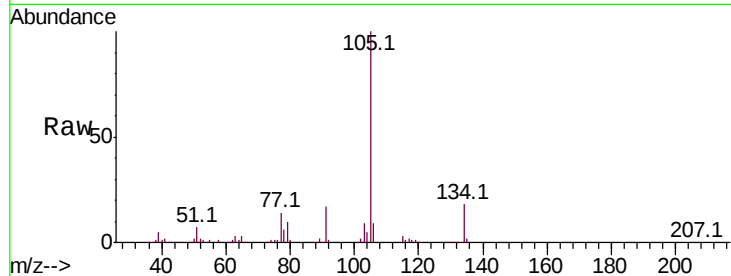




#85
 sec-Butylbenzene
 Concen: 17.730 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

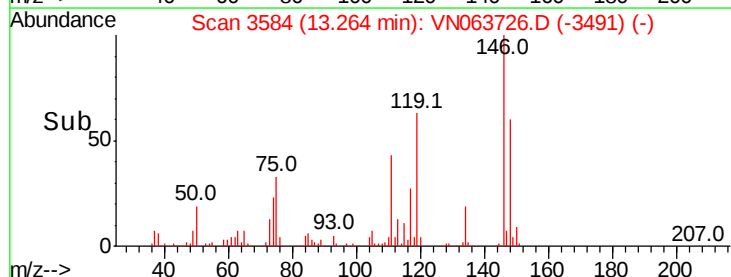
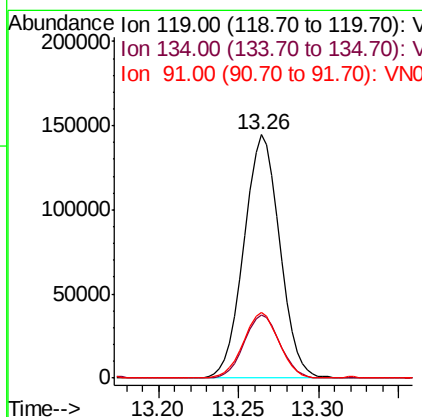
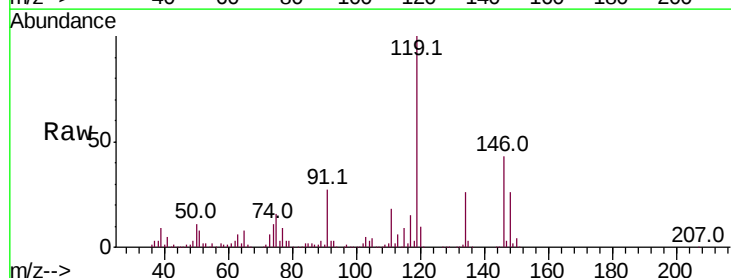
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

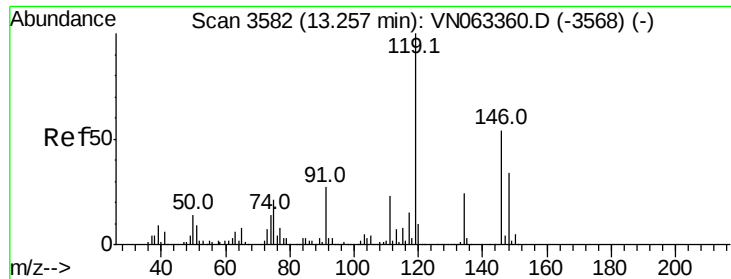
Tot Ion:105 Resp: 247996
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 17.839 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Tgt Ion:119 Resp: 220078
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.5 37.5
 91 26.9 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 19.150 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

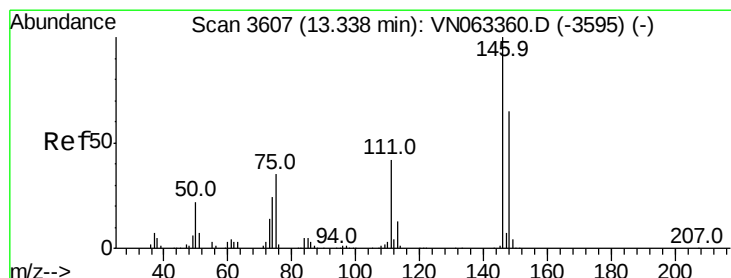
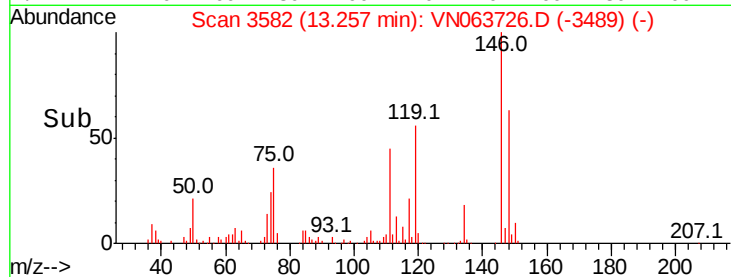
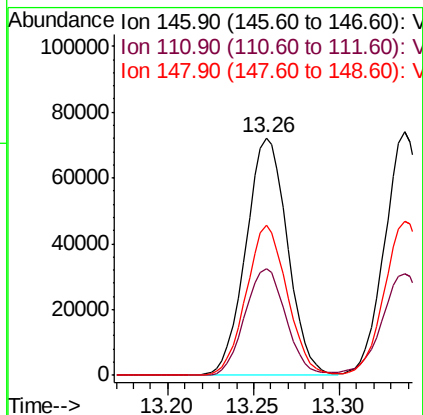
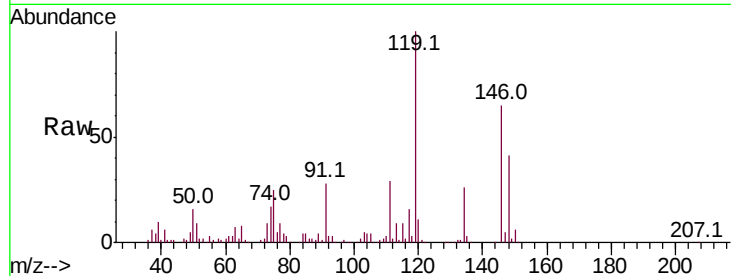
Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tot Ion:146 Resp: 121226

Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.4	64.3
148	62.1	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.826 ug/l

RT: 13.34 min Scan# 3607

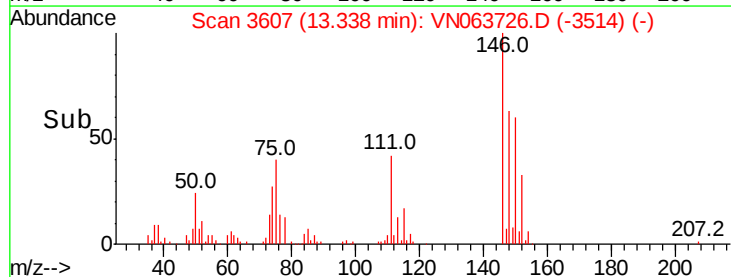
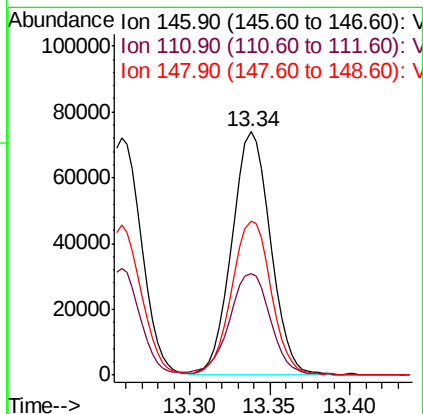
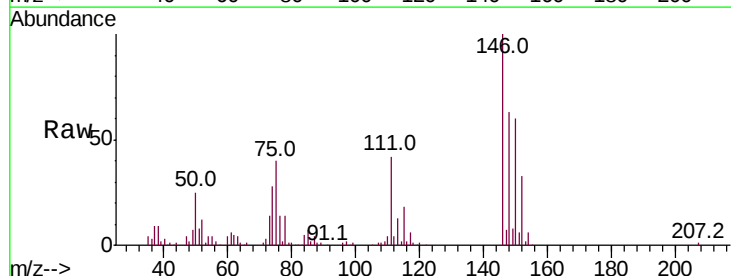
Delta R.T. -0.00 min

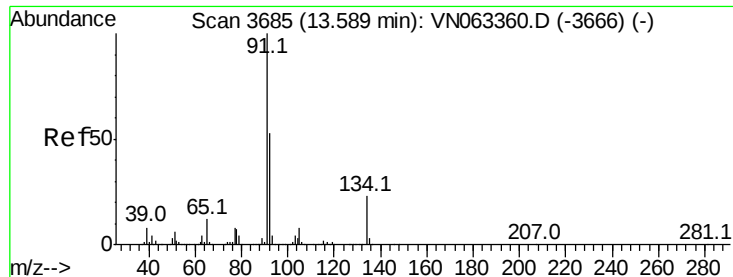
Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Tgt Ion:146 Resp: 121163

Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.2	63.6
148	65.5	31.9	95.9





#89

n-Butylbenzene

Concen: 17.083 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

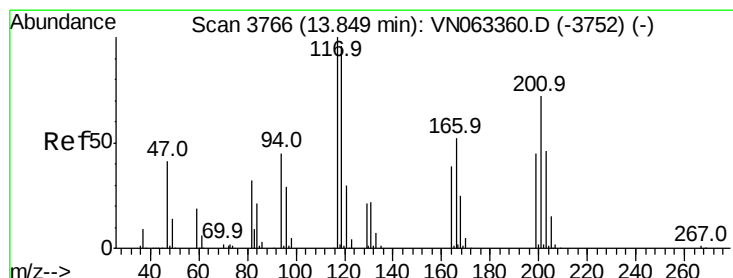
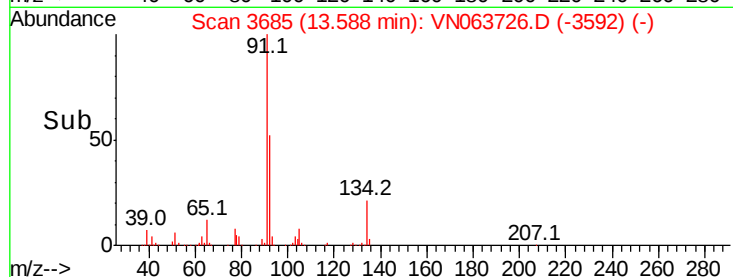
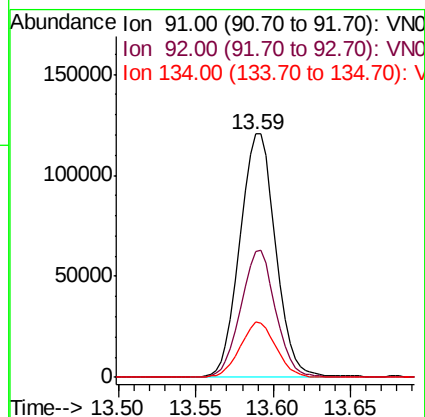
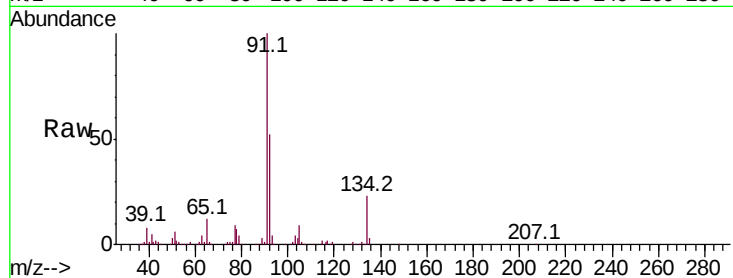
Tot Ion: 91 Resp: 194259

Ion Ratio Lower Upper

91 100

92 50.8 26.0 78.0

134 22.8 11.7 35.0



#90

Hexachloroethane

Concen: 17.616 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063726.D

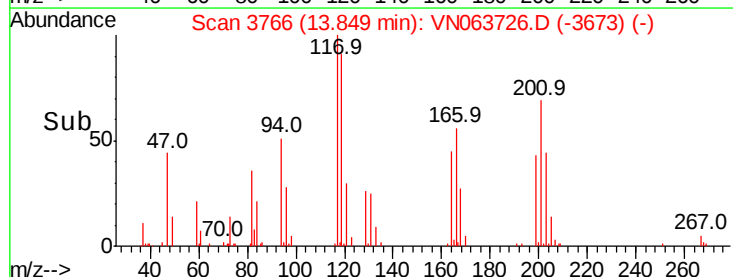
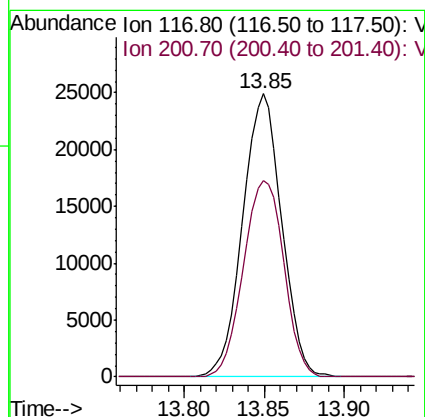
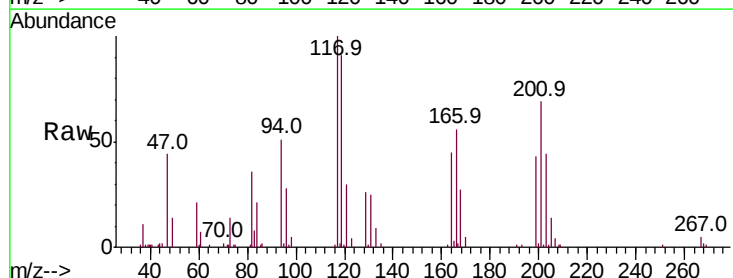
Acq: 29 Sep 2020 14:40

Tgt Ion: 117 Resp: 41383

Ion Ratio Lower Upper

117 100

201 71.7 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 19.433 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

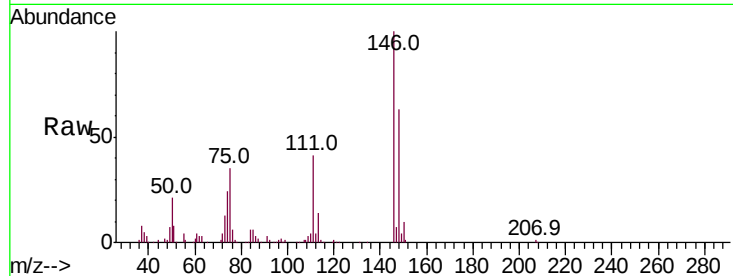
Tot Ion:146 Resp: 120774

Ion Ratio Lower Upper

146 100

111 42.3 22.4 67.2

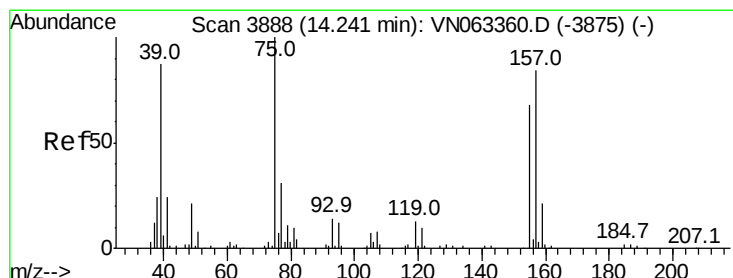
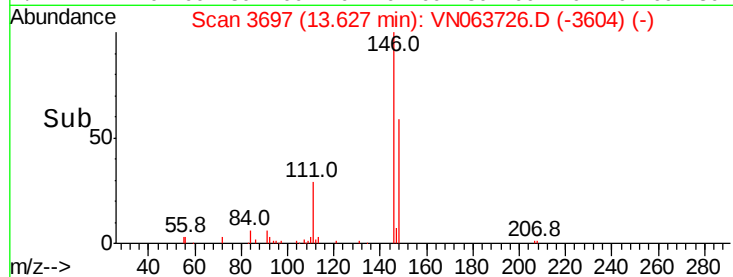
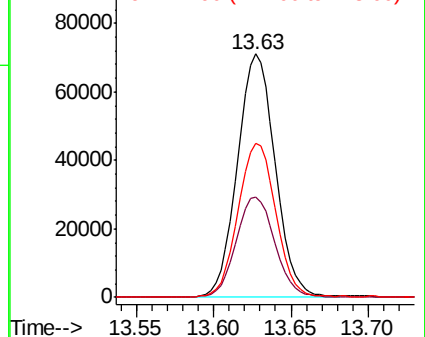
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.771 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

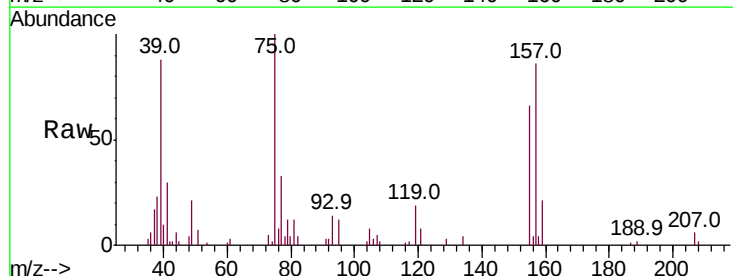
Tgt Ion: 75 Resp: 19894

Ion Ratio Lower Upper

75 100

155 69.9 34.6 103.9

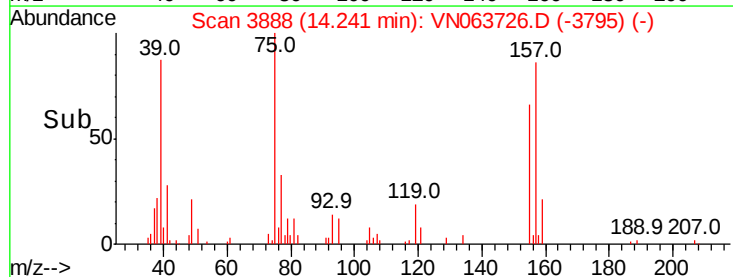
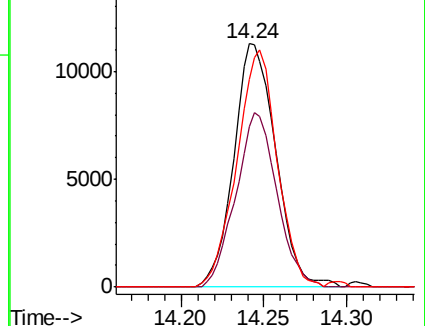
157 93.7 43.7 131.1

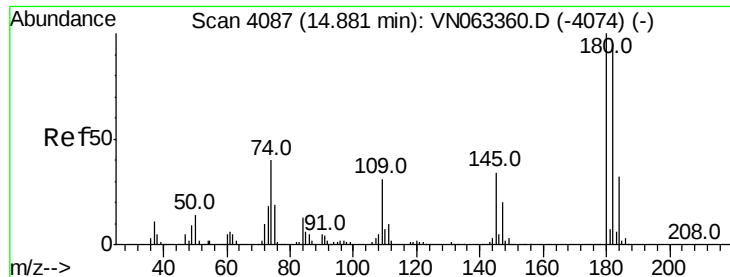


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

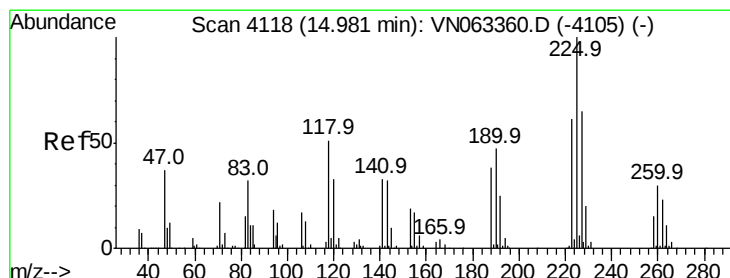
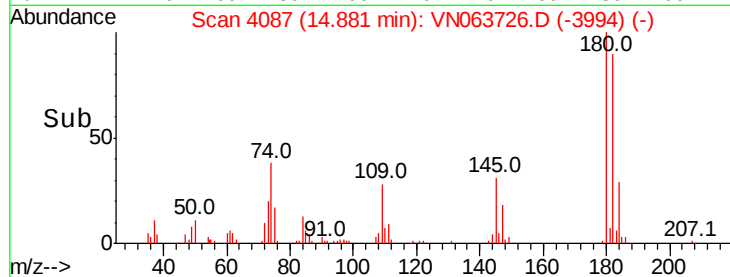
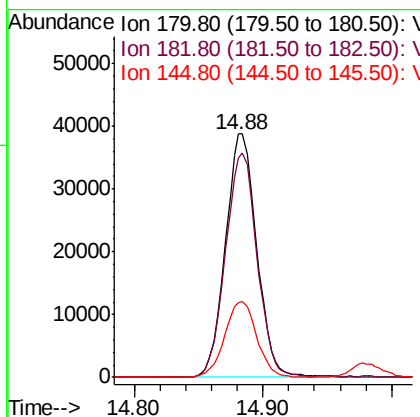
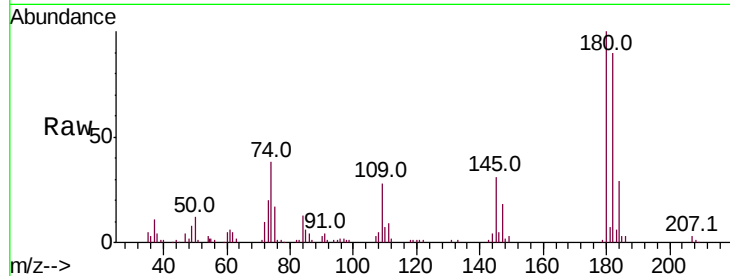




#93
 1,2,4-Trichlorobenzene
 Concen: 17.792 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

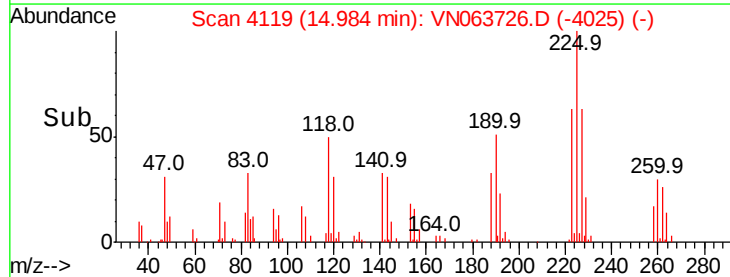
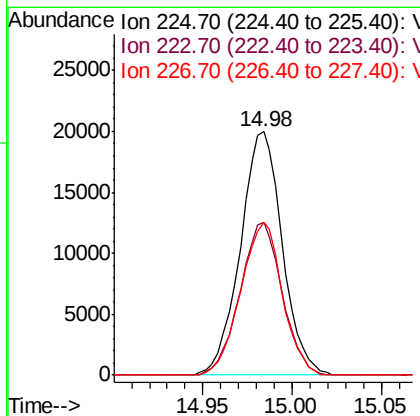
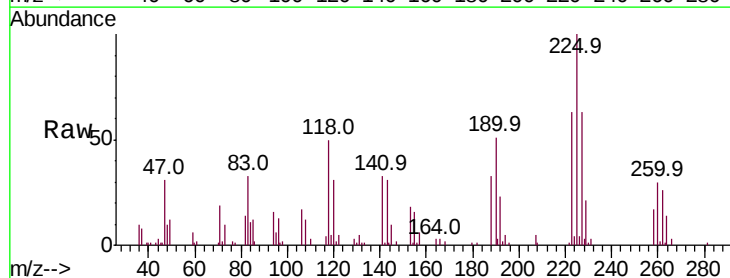
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

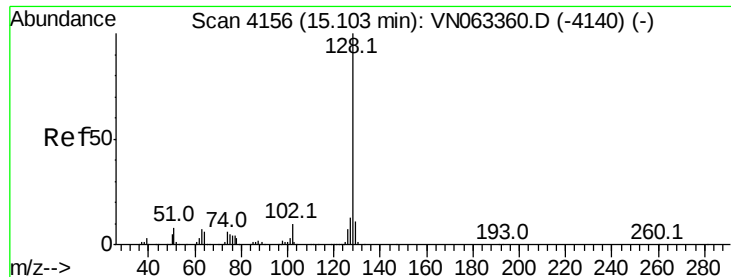
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.3	142.0
145	31.8	16.6	49.7



#94
 Hexachlorobutadiene
 Concen: 21.558 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063726.D
 Acq: 29 Sep 2020 14:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.6	91.6
227	62.1	31.2	93.6





#95

Naphthalene

Concen: 16.650 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

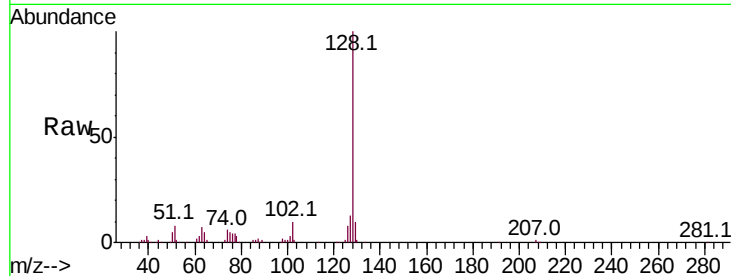
Tot Ion:128 Resp: 201545

Ion Ratio Lower Upper

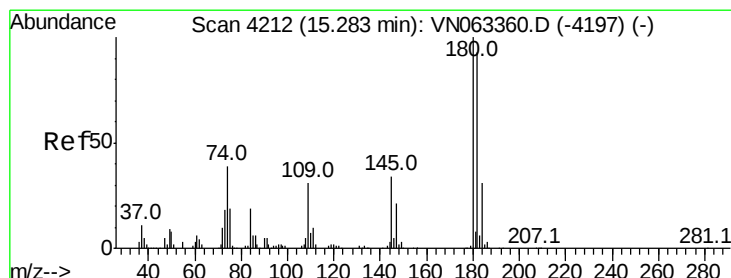
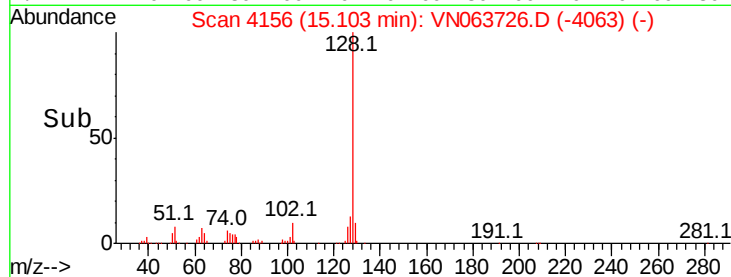
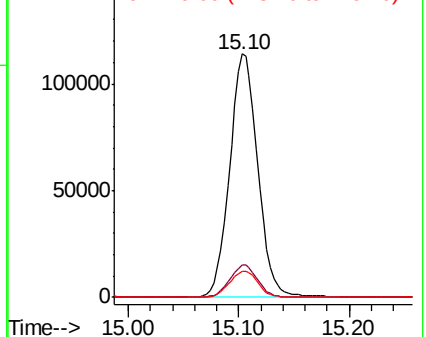
128 100

127 13.1 10.6 15.8

129 10.7 8.8 13.2



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: 17.325 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

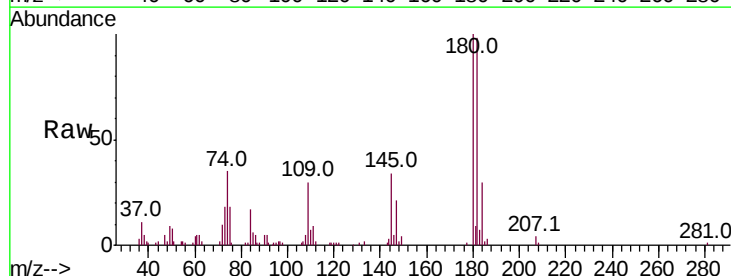
Tgt Ion:180 Resp: 61333

Ion Ratio Lower Upper

180 100

182 98.1 46.7 140.1

145 34.1 16.8 50.3



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

