

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064807.D
 Acq On : 24 Nov 2020 13:50
 Operator : JC/MD
 Sample : L4829-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Nov 25 04:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	184351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	323705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	335471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168755	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	105476	49.21	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.42%
35) Dibromofluoromethane	7.55	113	97734	50.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.92%
50) Toluene-d8	10.06	98	404466	51.11	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.22%
62) 4-Bromofluorobenzene	12.37	95	169650	59.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	119.80%

Target Compounds

					Qvalue
3) Chloromethane	2.04	50	434	0.209	ug/l # 41
4) Vinyl Chloride	2.17	62	1533	0.708	ug/l # 87
11) Tert butyl alcohol	4.73	59	230	0.688	ug/l # 73
13) Acrolein	3.52	56	679	3.326	ug/l # 1
14) Allyl chloride	4.37	41	1801	0.611	ug/l # 31
15) Acrylonitrile	5.00	53	11643	12.610	ug/l # 32
16) Acetone	3.77	43	36389	51.650	ug/l # 65
17) Carbon Disulfide	4.00	76	1474	0.325	ug/l # 75
18) Methyl Acetate	4.49	43	117127	55.295	ug/l # 50
19) Methyl tert-butyl Ether	5.00	73	23067	4.023	ug/l # 1
20) Methylene Chloride	4.51	84	867	0.393	ug/l # 37
25) 2-Butanone	6.78	43	4818	4.219	ug/l # 81
26) 2,2-Dichloropropane	6.57	77	1826	0.597	ug/l # 52
27) cis-1,2-Dichloroethene	6.79	96	3381	1.514	ug/l # 86
30) Chloroform	7.28	83	17827	4.901	ug/l # 17
31) Cyclohexane	7.61	56	90796	30.396	ug/l # 93
36) 1,1-Dichloropropene	7.62	75	12843	4.280	ug/l # 45
37) Ethyl Acetate	6.78	43	4818	1.667	ug/l # 1
38) Carbon Tetrachloride	7.63	117	17787	5.697	ug/l # 16
39) Methylcyclohexane	9.05	83	118983	36.837	ug/l 100
40) Benzene	8.00	78	680376	73.999	ug/l # 99
41) Methacrylonitrile	7.16	41	3957	2.967	ug/l # 34
42) 1,2-Dichloroethane	8.00	62	5546	1.788	ug/l # 1
43) Isopropyl Acetate	8.11	43	25958	5.582	ug/l # 59
44) Trichloroethene	8.80	130	1634	0.602	ug/l # 97
45) 1,2-Dichloropropane	9.01	63	514	0.216	ug/l # 1
47) Bromodichloromethane	9.35	83	9225	2.882	ug/l # 24
48) Methyl methacrylate	9.19	41	2545	1.145	ug/l # 24
51) 4-Methyl-2-Pentanone	10.06	43	5141	1.841	ug/l # 63
52) Toluene	10.12	92	24159	4.267	ug/l # 97
55) 1,1,2-Trichloroethane	10.50	97	36114	15.510	ug/l # 17
56) Ethyl methacrylate	10.41	69	2873	0.894	ug/l # 13
58) 2-Chloroethyl Vinyl ether	9.63	63	416	0.235	ug/l # 46
60) Dibromochloromethane	10.60	129	2302	0.889	ug/l # 10

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

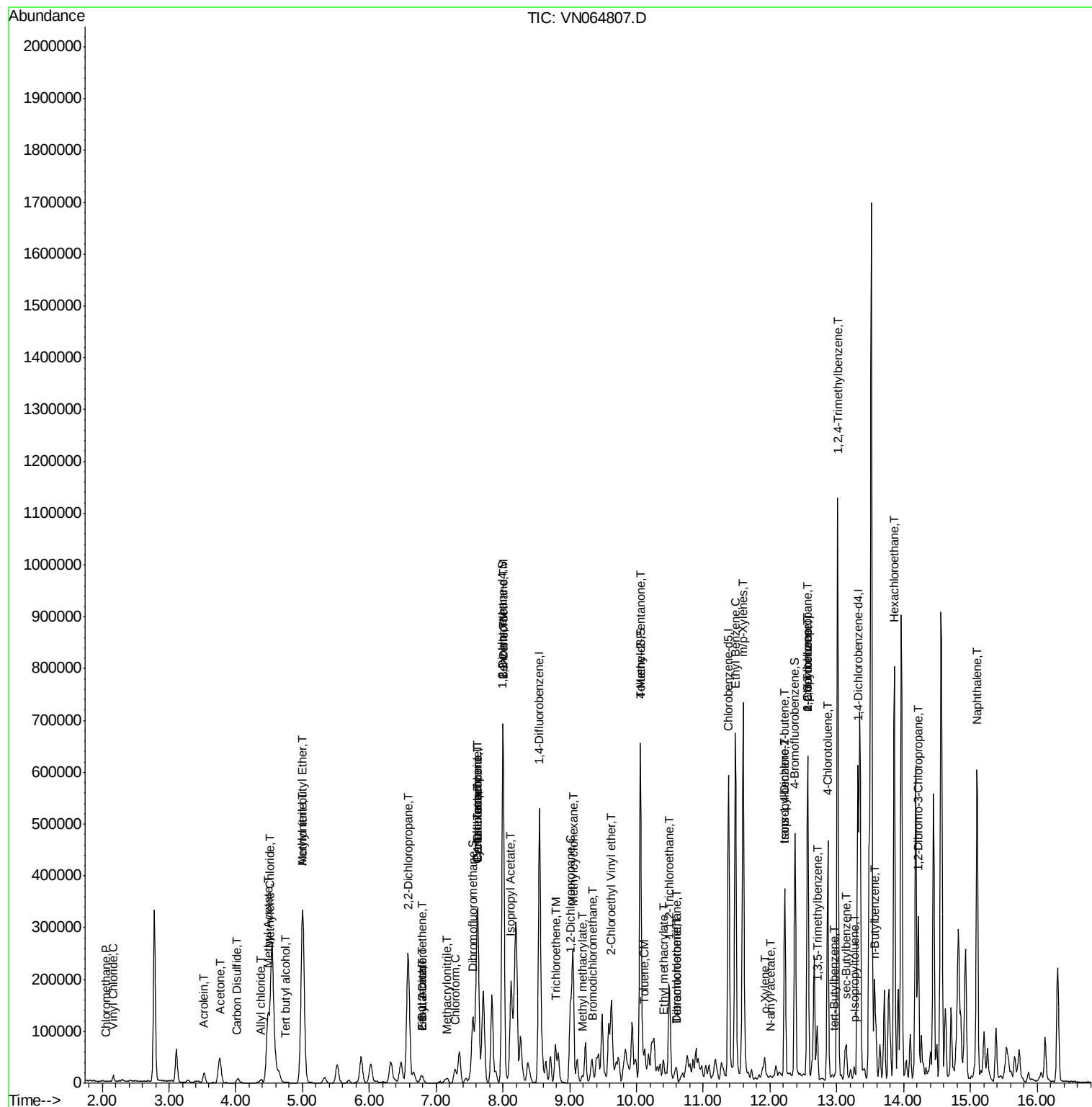
64) Tetrachloroethene	10.60	164	2233	0.684	uq/l	91
67) Ethyl Benzene	11.48	91	479822	39.869	uq/l	100
68) m/p-Xylenes	11.60	106	228089	50.057	uq/l	100
69) o-Xylene	11.92	106	9581	2.216	uq/l	97
73) Isopropylbenzene	12.22	105	252361	21.499	uq/l	100
74) N-amyl acetate	12.01	43	1511	0.327	uq/l #	49
76) 1,2,3-Trichloropropane	12.56	75	2952	0.812	uq/l #	100
78) n-propylbenzene	12.56	91	504308	37.714	uq/l	99
79) 2-Chlorotoluene	12.56	91	504308	61.011	uq/l #	40
80) 1,3,5-Trimethylbenzene	12.71	105	53405	5.474	uq/l	100
81) trans-1,4-Dichloro-2-buten	12.22	75	2672	2.015	uq/l #	46
82) 4-Chlorotoluene	12.86	91	35081	4.049	uq/l #	41
83) tert-Butylbenzene	12.96	119	4874	0.596	uq/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	653069	66.203	uq/l	99
85) sec-Butylbenzene	13.14	105	41275	3.801	uq/l #	59
86) p-Isopropyltoluene	13.26	119	10341	1.046	uq/l #	77
89) n-Butylbenzene	13.59	91	64340	7.411	uq/l #	73
90) Hexachloroethane	13.86	117	39976	23.278	uq/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.22	75	1373	1.774	uq/l #	1
95) Naphthalene	15.10	128	523097	51.128	uq/l	100

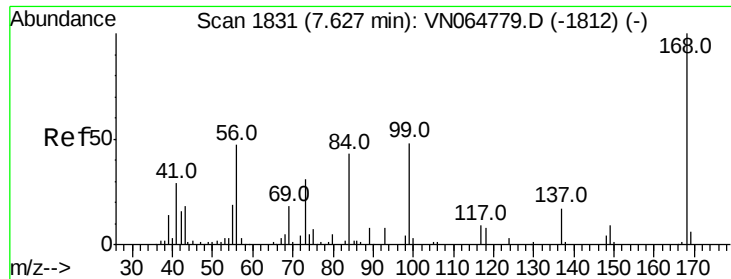
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

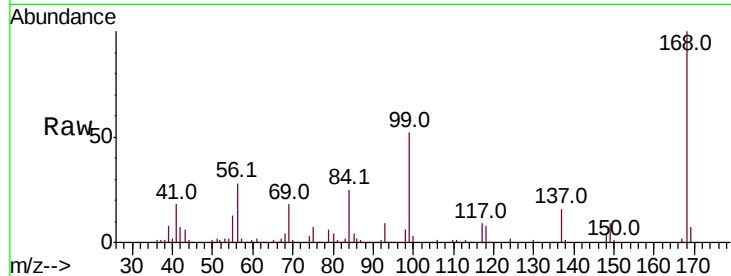
MW-2

Tot Ion:168 Resp: 184351

Ion Ratio Lower Upper

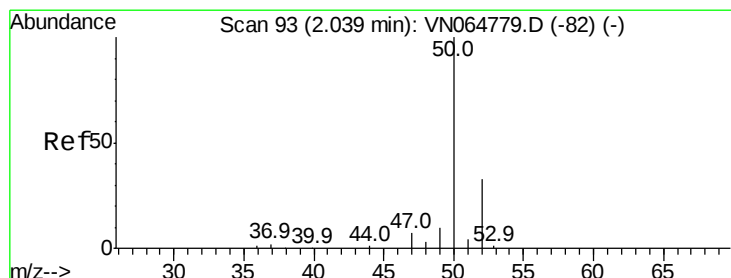
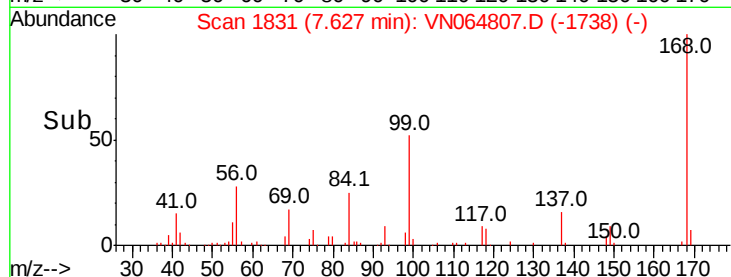
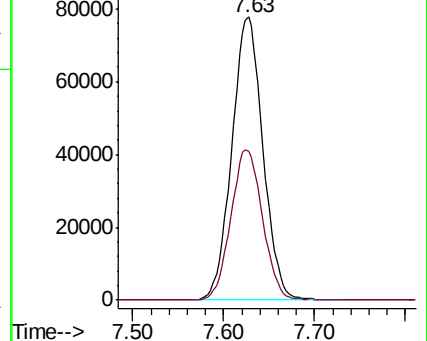
168 100

99 52.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.209 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064807.D

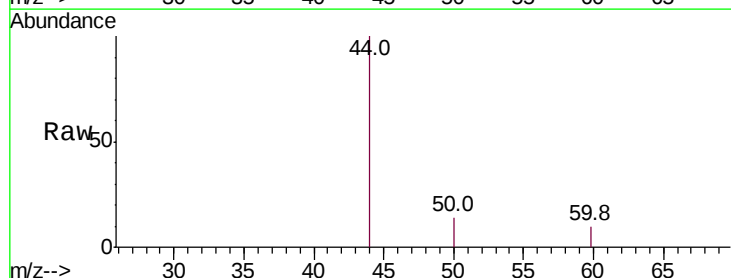
Acq: 24 Nov 2020 13:50

Tgt Ion: 50 Resp: 434

Ion Ratio Lower Upper

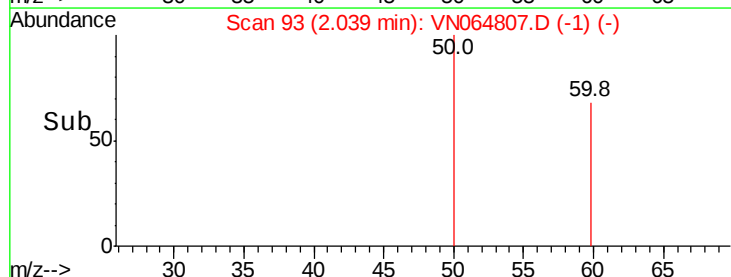
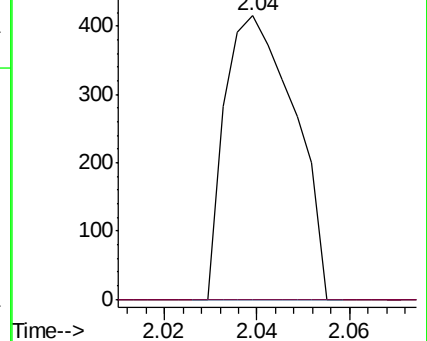
50 100

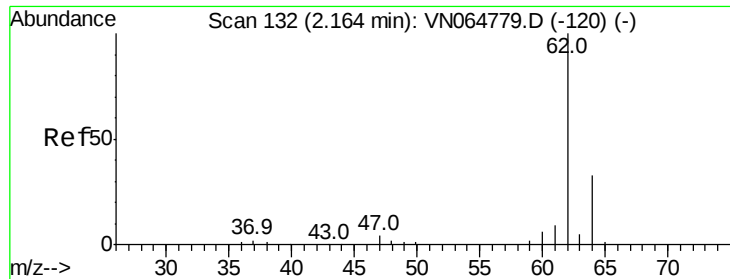
52 0.0 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#4

Vinyl Chloride

Concen: 0.708 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

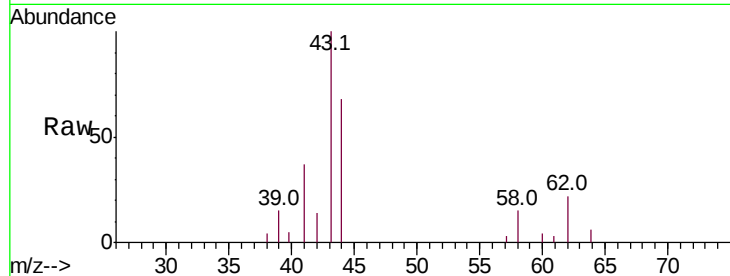
MW-2

Tot Ion: 62 Resp: 1533

Ion Ratio Lower Upper

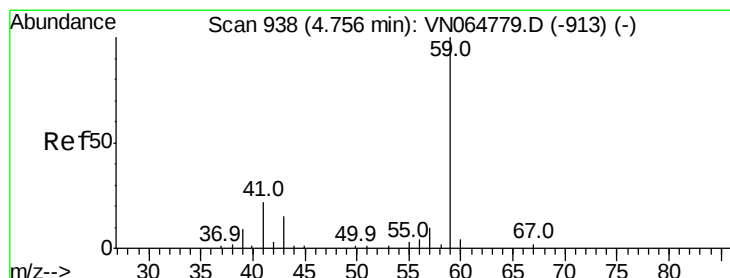
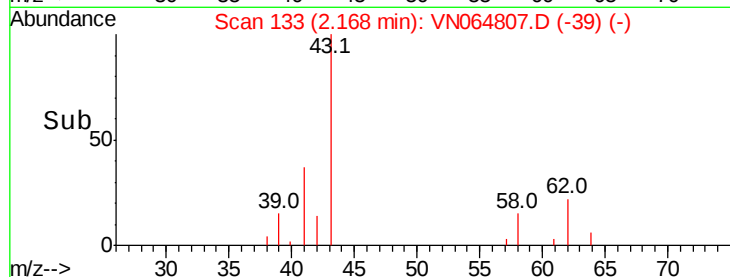
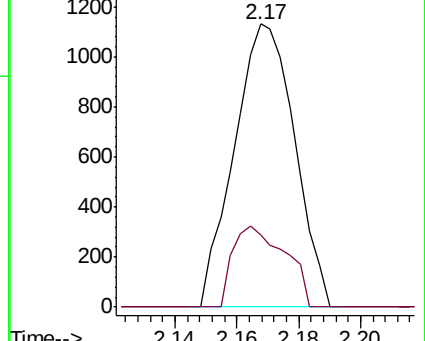
62 100

64 25.6 26.5 39.7#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO



#11

Tert butyl alcohol

Concen: 0.688 ug/l

RT: 4.73 min Scan# 931

Delta R.T. -0.02 min

Lab File: VN064807.D

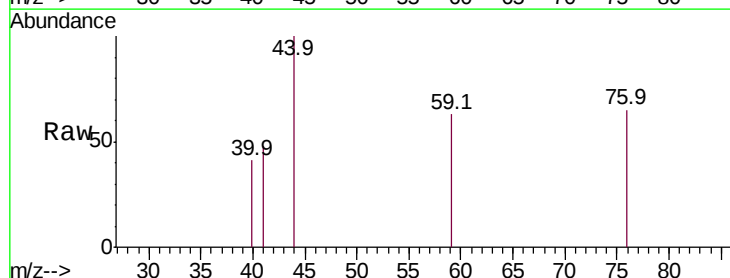
Acq: 24 Nov 2020 13:50

Tgt Ion: 59 Resp: 230

Ion Ratio Lower Upper

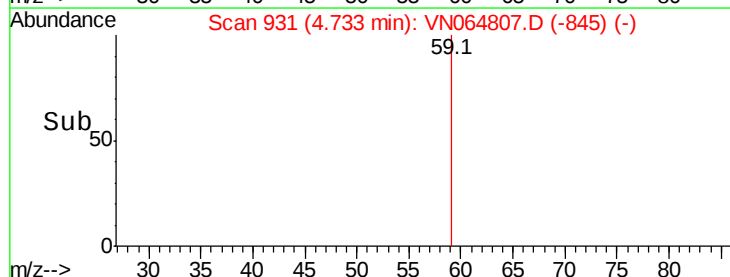
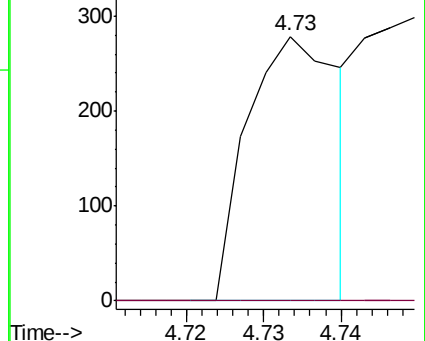
59 100

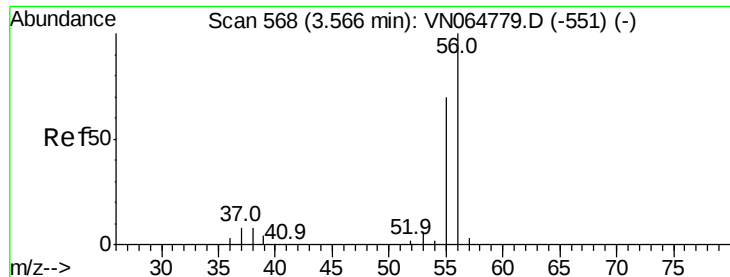
57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 3.326 ug/l

RT: 3.52 min Scan# 555

Delta R.T. -0.04 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

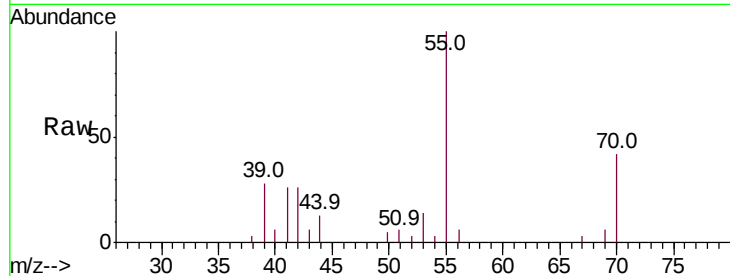
MW-2

Tot Ion: 56 Resp: 679

Ion Ratio Lower Upper

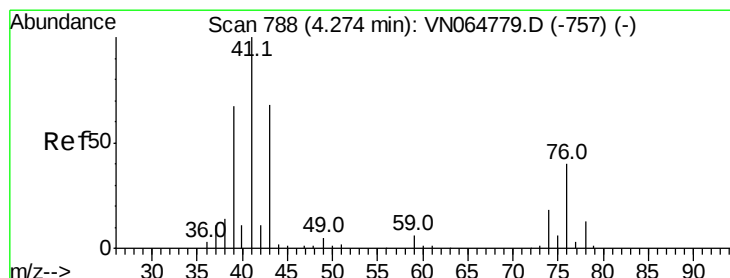
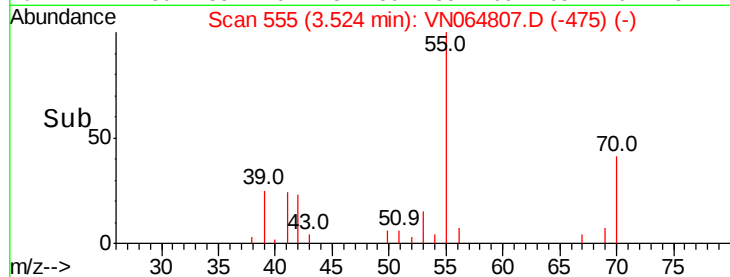
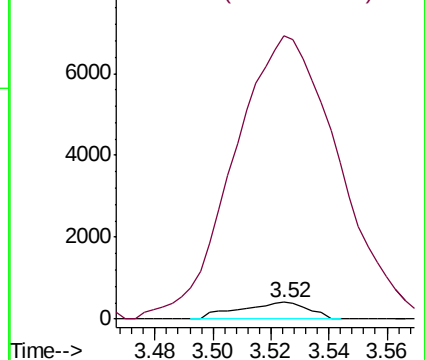
56 100

55 2561.9 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.611 ug/l

RT: 4.37 min Scan# 819

Delta R.T. 0.10 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

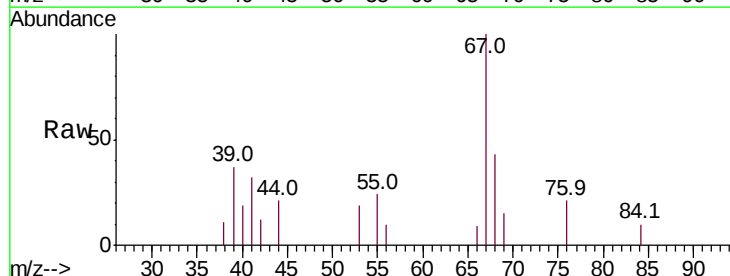
Tgt Ion: 41 Resp: 1801

Ion Ratio Lower Upper

41 100

39 0.0 50.9 76.3#

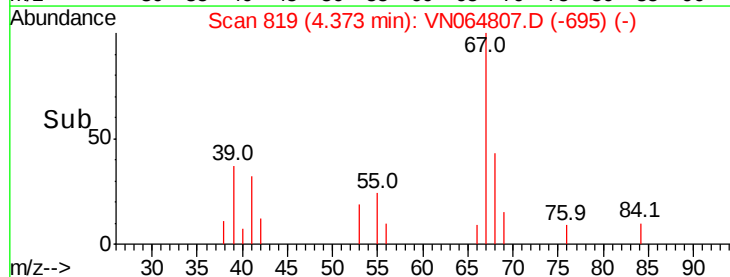
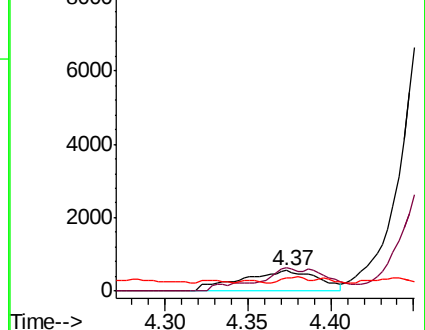
76 9.1 29.0 43.4#

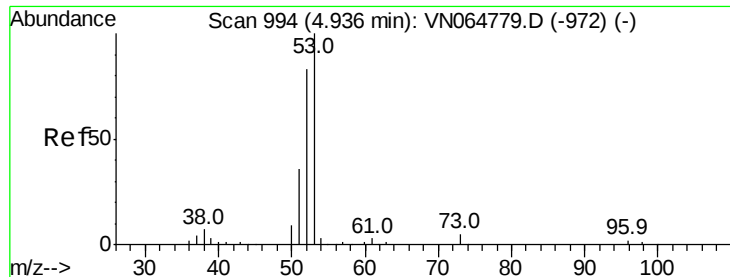


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 12.610 ug/l

RT: 5.00 min Scan# 1014

Delta R.T. 0.06 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

MW-2

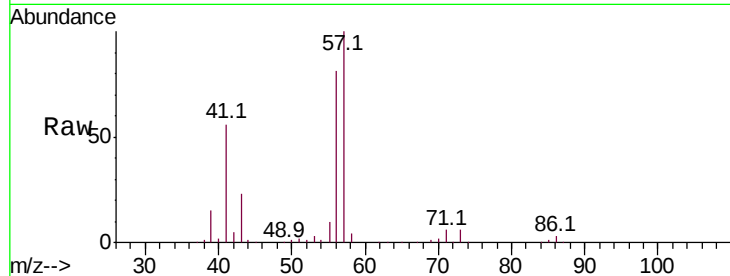
Tot Ion: 53 Resp: 11643

Ion Ratio Lower Upper

53 100

52 9.3 65.5 98.3#

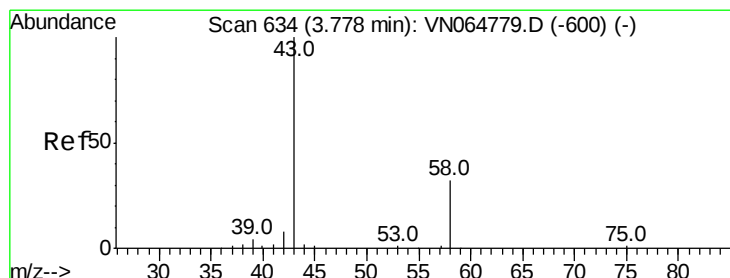
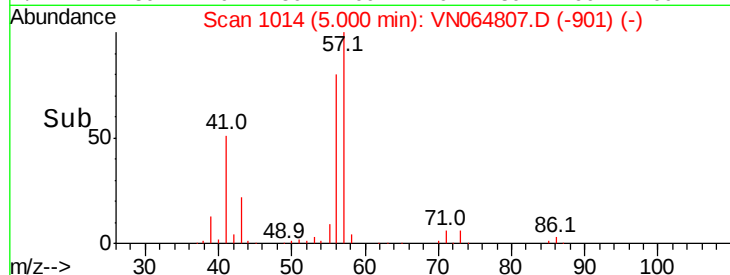
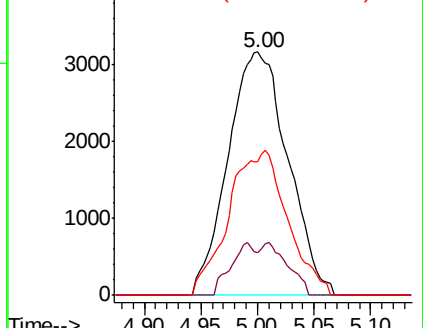
51 58.3 28.6 43.0#



Abundance Ion 53.00 (52.70 to 53.70): VN064779.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN064779.D (-972) (-)



#16

Acetone

Concen: 51.650 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN064807.D

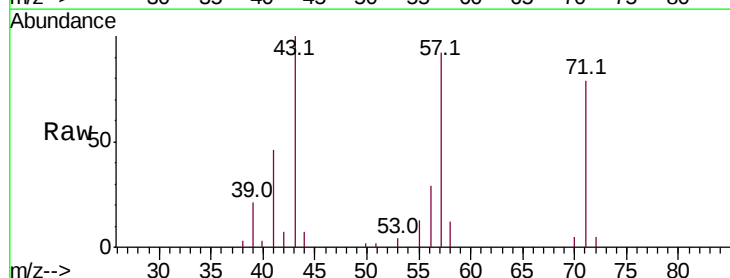
Acq: 24 Nov 2020 13:50

Tgt Ion: 43 Resp: 36389

Ion Ratio Lower Upper

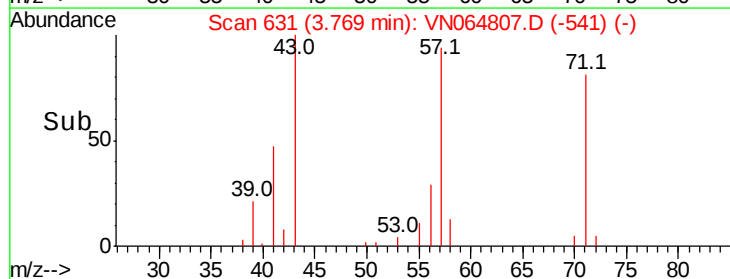
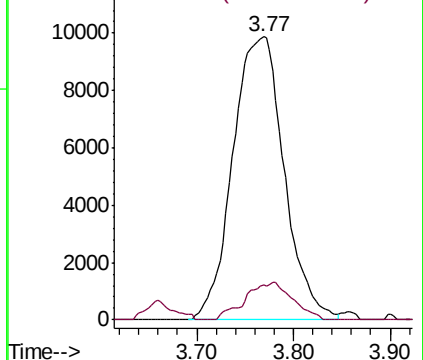
43 100

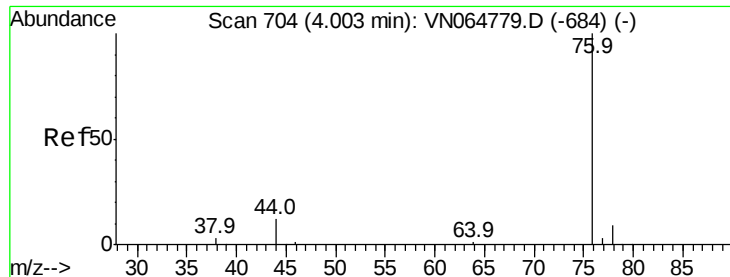
58 12.4 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)

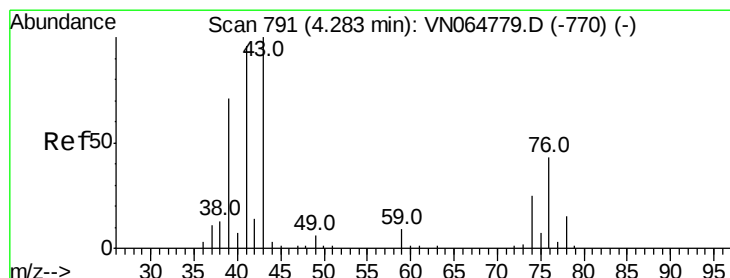
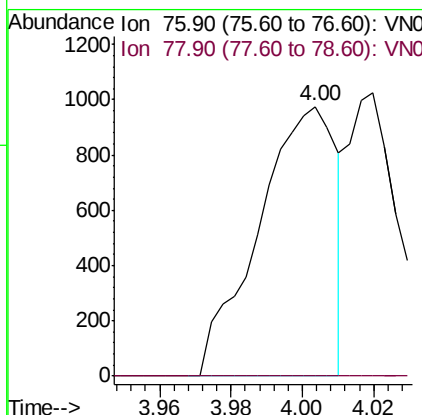
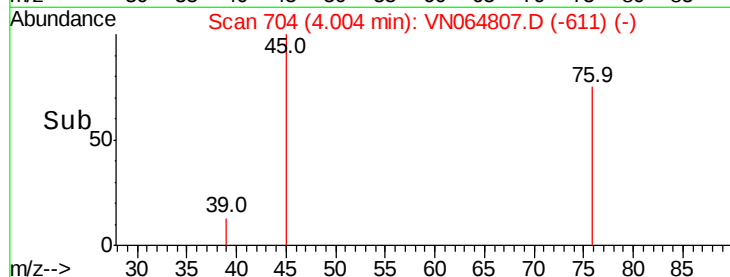
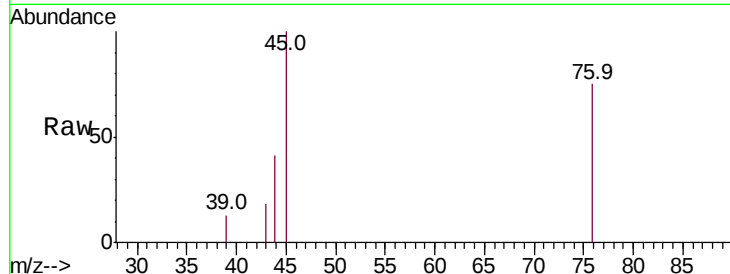




#17
Carbon Disulfide
Concen: 0.325 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

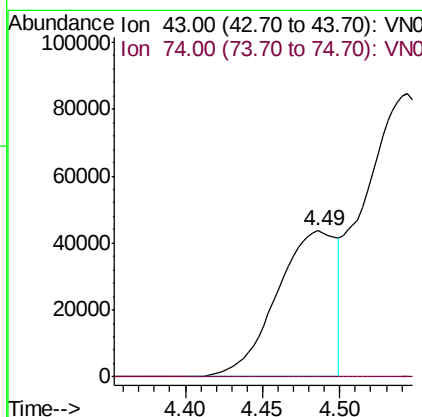
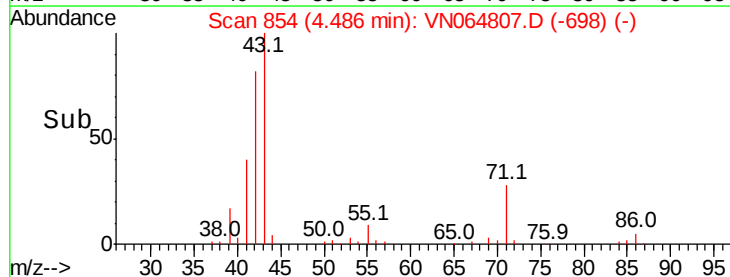
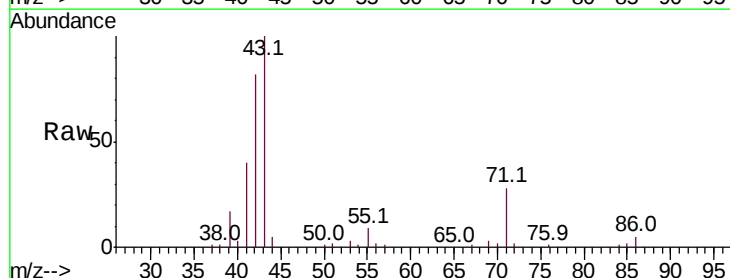
Instrument :
MSVOA_N
ClientSampleId :
MW-2

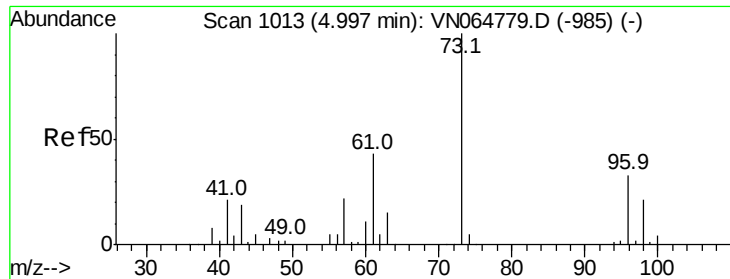
Tot Ion: 76 Resp: 1474
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 55.295 ug/l
RT: 4.49 min Scan# 854
Delta R.T. 0.20 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

Tgt Ion: 43 Resp: 117127
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



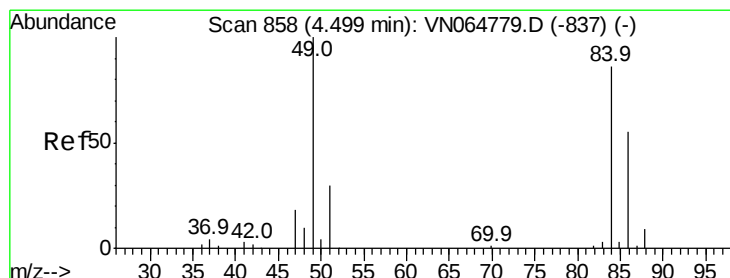
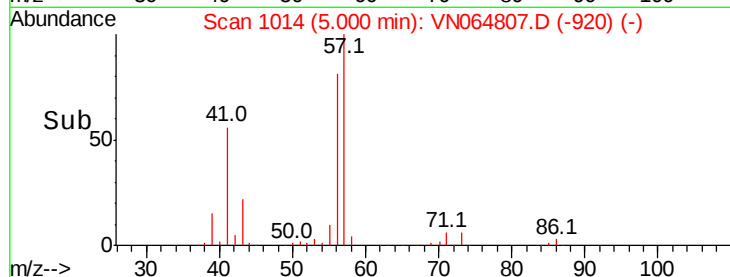
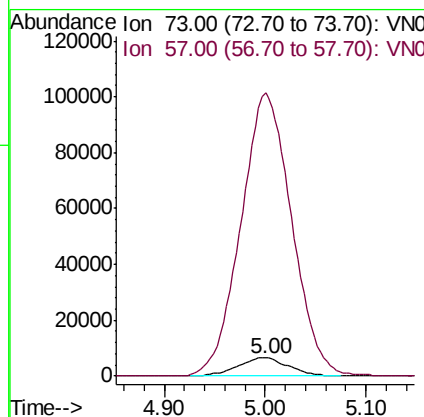
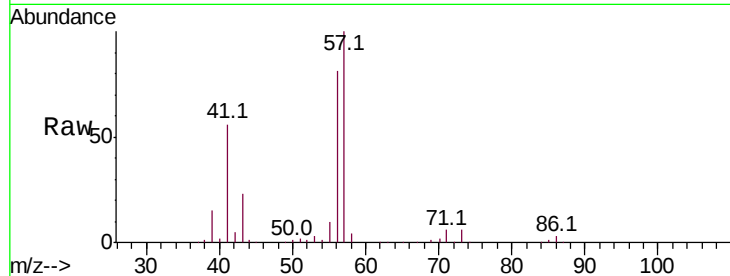


#19

Methyl tert-butyl Ether
 Concen: 4.023 ug/l
 RT: 5.00 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VN064807.D
 Acq: 24 Nov 2020 13:50

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

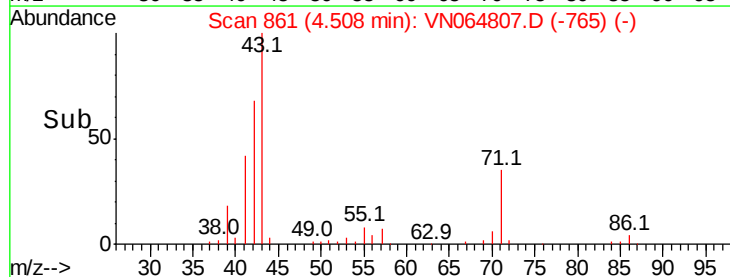
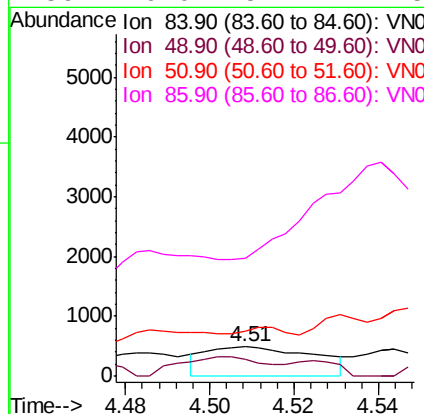
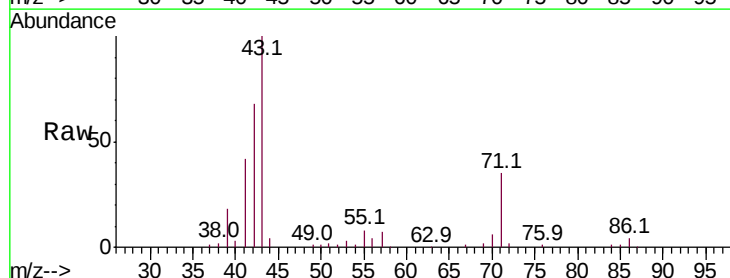
Tot Ion: 73 Resp: 23067
 Ion Ratio Lower Upper
 73 100
 57 1543.3 17.4 26.0#

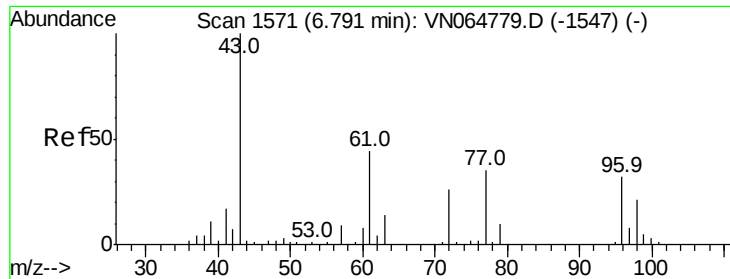


#20

Methylene Chloride
 Concen: 0.393 ug/l
 RT: 4.51 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: VN064807.D
 Acq: 24 Nov 2020 13:50

Tgt Ion: 84 Resp: 867
 Ion Ratio Lower Upper
 84 100
 49 53.8 93.4 140.0#
 51 9.5 28.2 42.4#
 86 0.0 51.7 77.5#

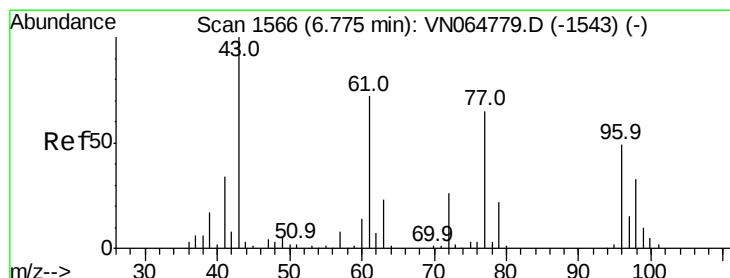
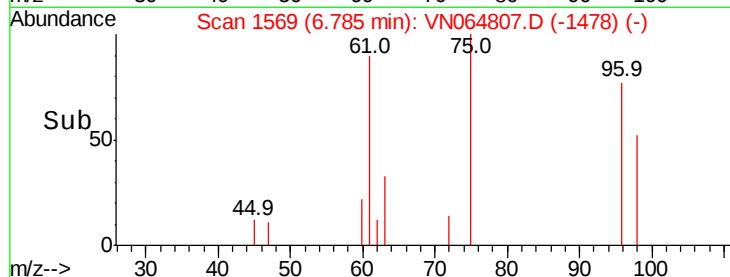
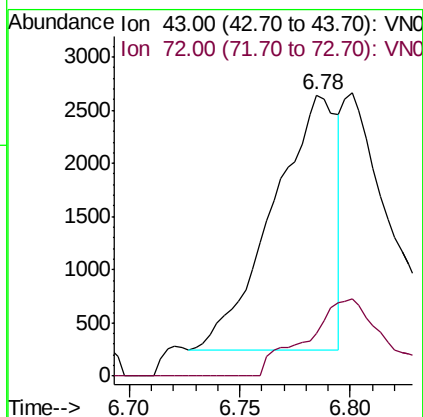
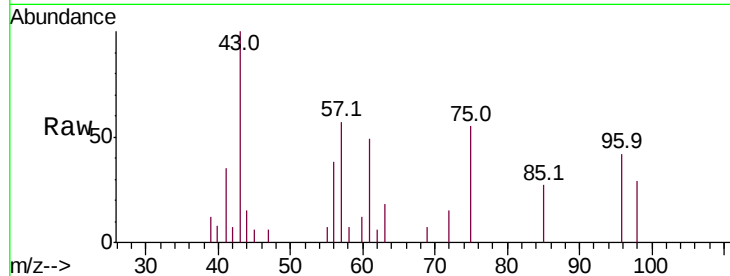




#25
2-Butanone
Concen: 4.219 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

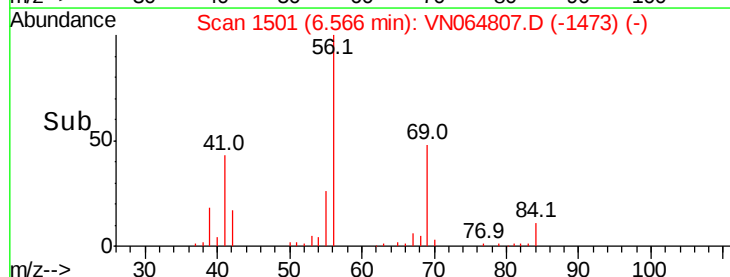
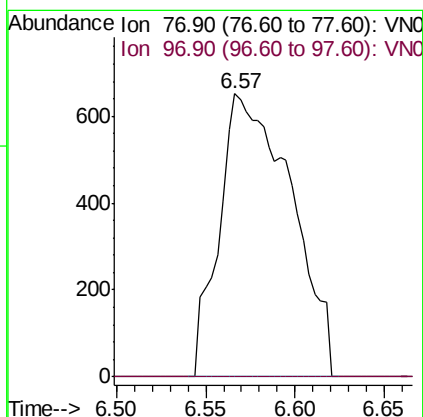
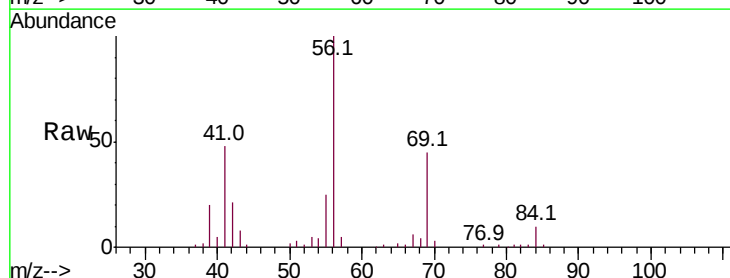
Instrument :
MSVOA_N
ClientSampled :
MW-2

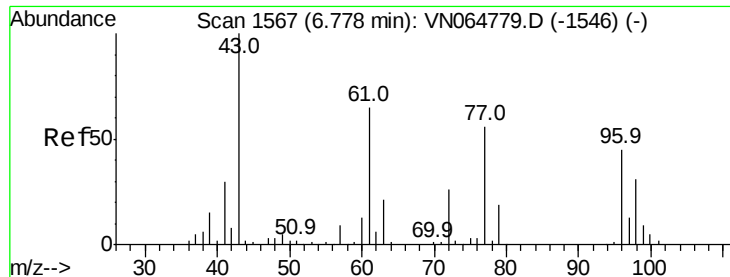
Tot Ion: 43 Resp: 4818
Ion Ratio Lower Upper
43 100
72 16.6 21.0 31.6#



#26
2,2-Dichloropropane
Concen: 0.597 ug/l
RT: 6.57 min Scan# 1501
Delta R.T. -0.21 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

Tgt Ion: 77 Resp: 1826
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.0#





#27

cis-1,2-Dichloroethene

Concen: 1.514 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

MW-2

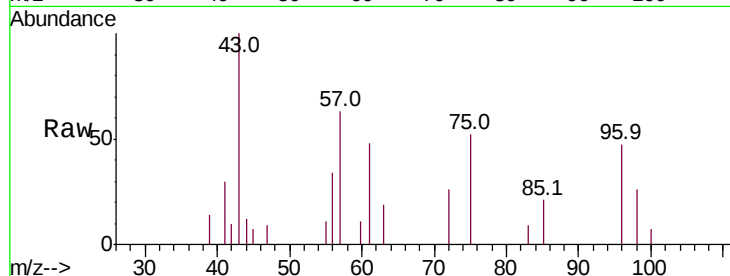
Tot Ion: 96 Resp: 3381

Ion Ratio Lower Upper

96 100

61 120.1 0.0 285.8

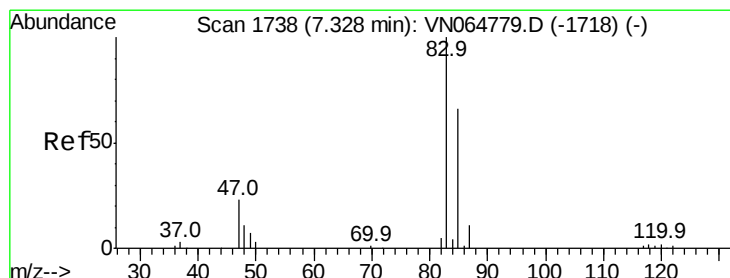
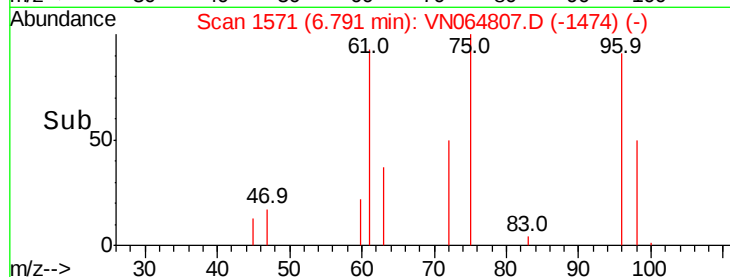
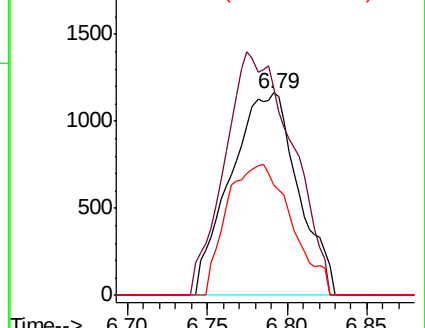
98 61.7 0.0 130.6



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



#30

Chloroform

Concen: 4.901 ug/l

RT: 7.28 min Scan# 1724

Delta R.T. -0.04 min

Lab File: VN064807.D

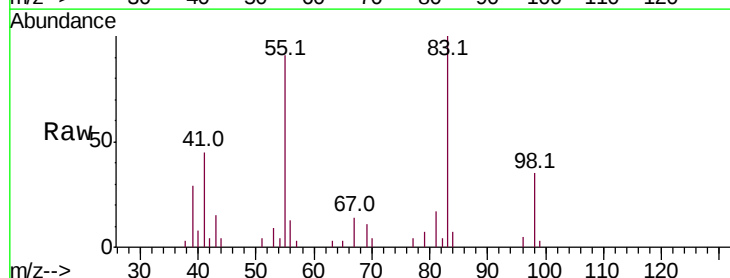
Acq: 24 Nov 2020 13:50

Tgt Ion: 83 Resp: 17827

Ion Ratio Lower Upper

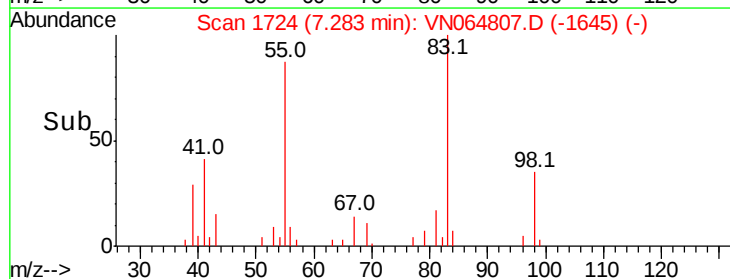
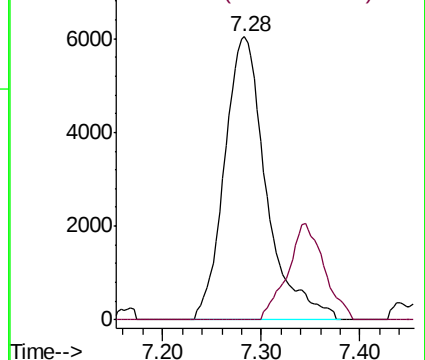
83 100

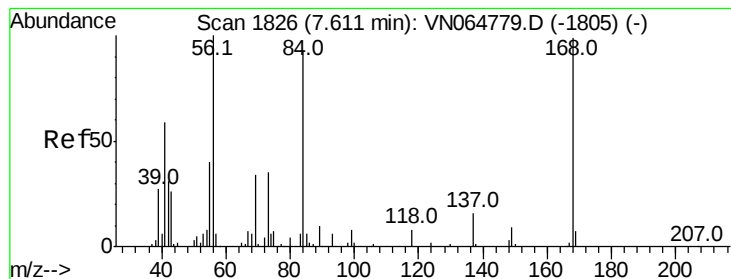
85 0.0 52.6 78.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 30.396 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

MW-2

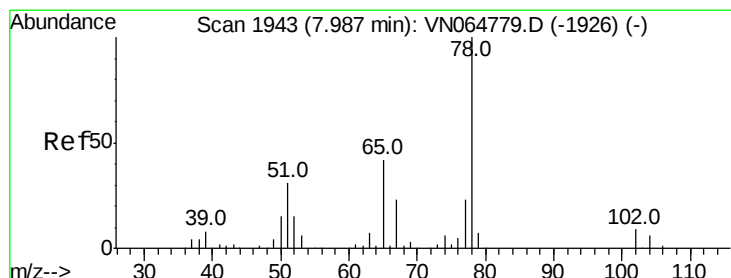
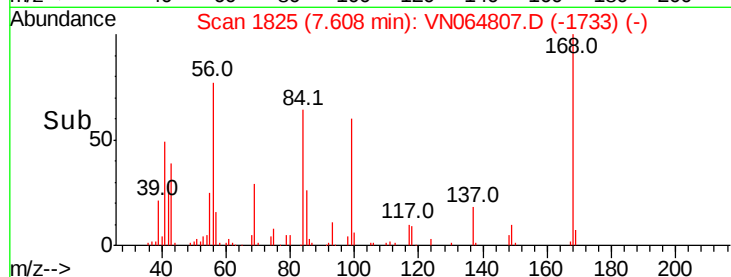
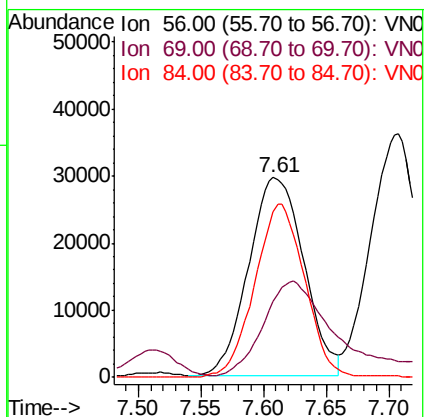
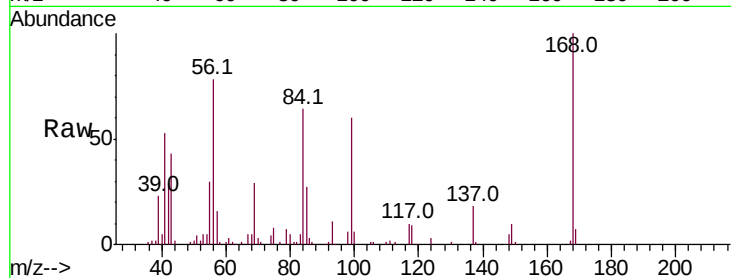
Tot Ion: 56 Resp: 90796

Ion Ratio Lower Upper

56 100

69 34.3 27.5 41.3

84 83.3 73.9 110.9



#33

1,2-Dichloroethane-d4

Concen: 49.214 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064807.D

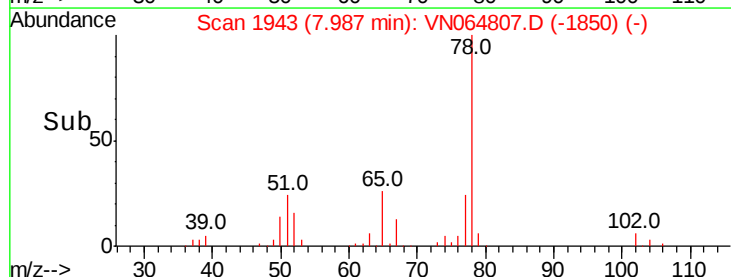
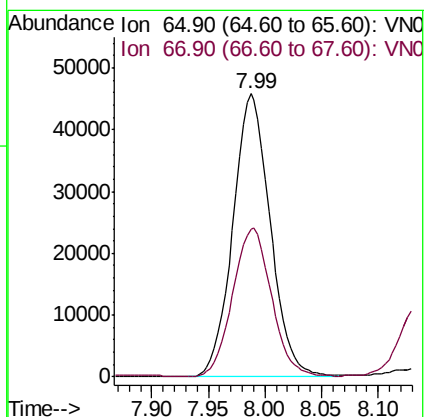
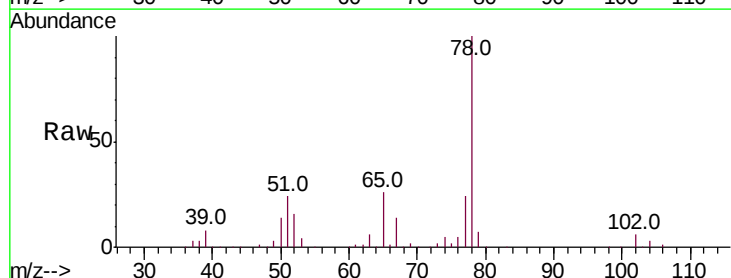
Acq: 24 Nov 2020 13:50

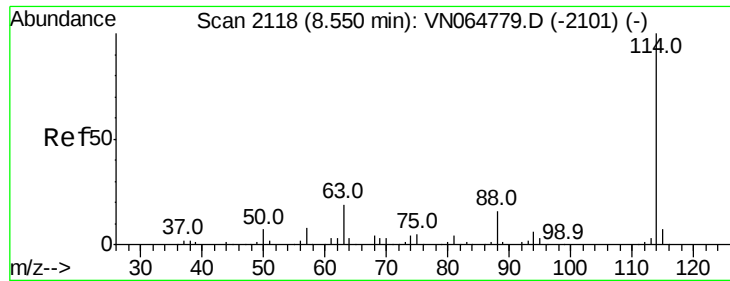
Tgt Ion: 65 Resp: 105476

Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.2

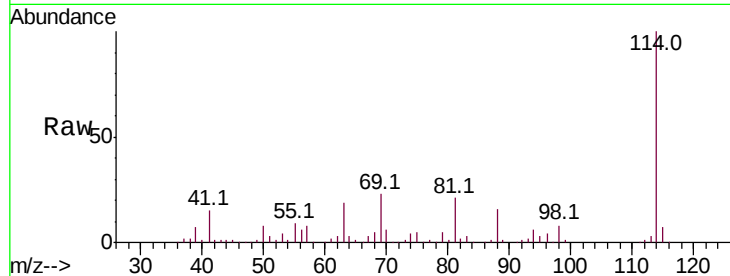




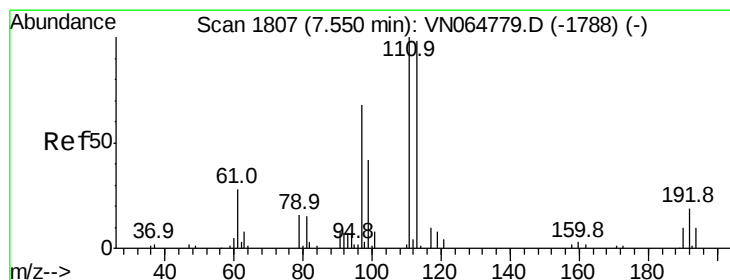
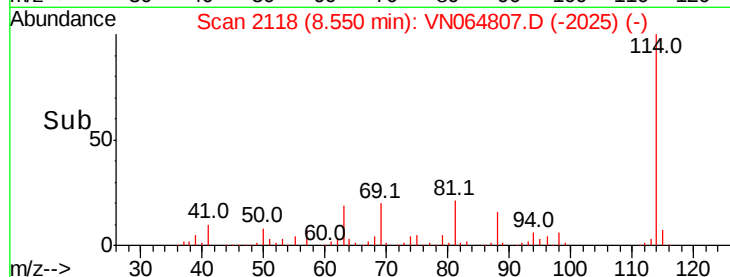
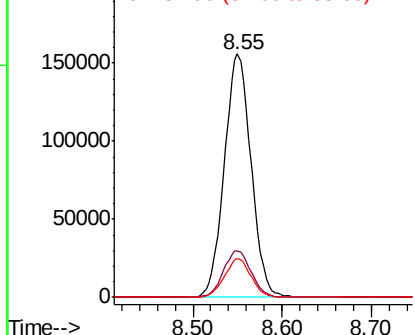
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064807.D
 Acq: 24 Nov 2020 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Tot Ion:	114	Resp:	323705
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	16.2	0.0	32.6

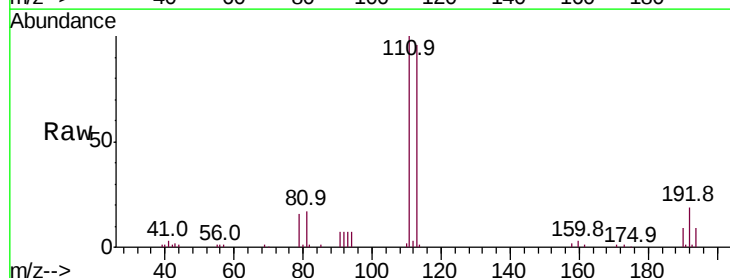


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

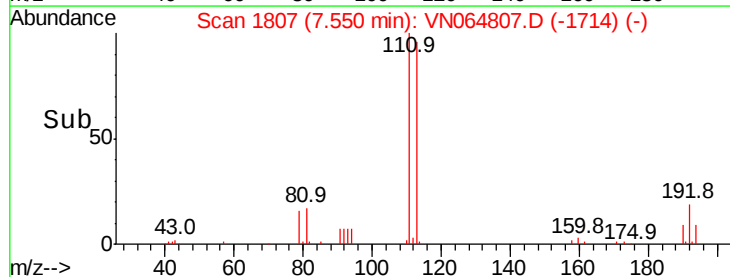
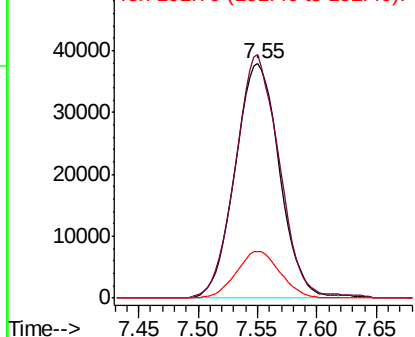


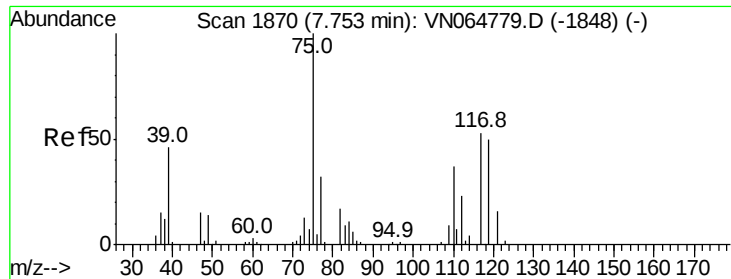
#35
 Dibromofluoromethane
 Concen: 50.458 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064807.D
 Acq: 24 Nov 2020 13:50

Tgt Ion:	113	Resp:	97734
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	19.7	16.2	24.2



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

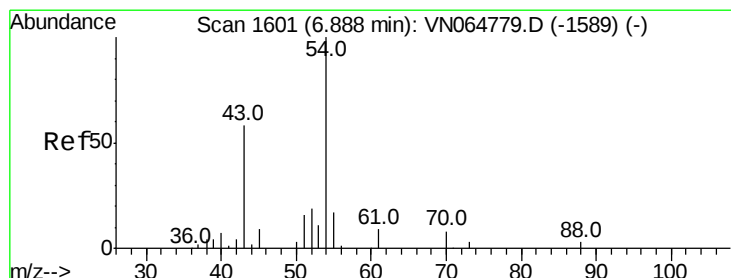
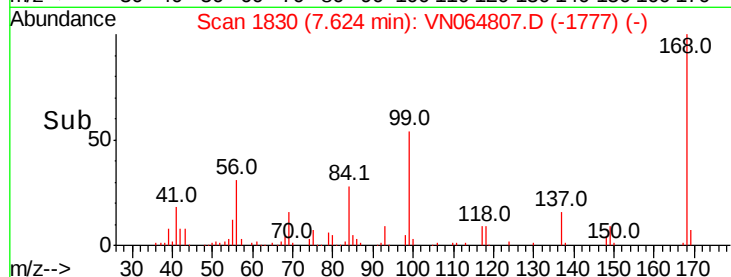
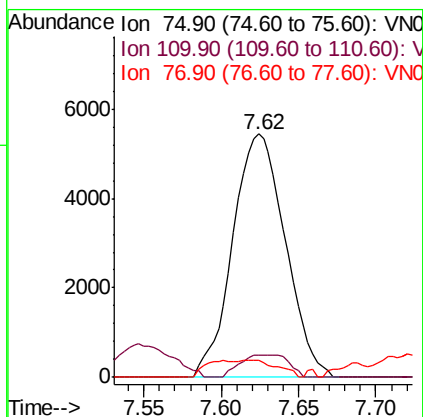
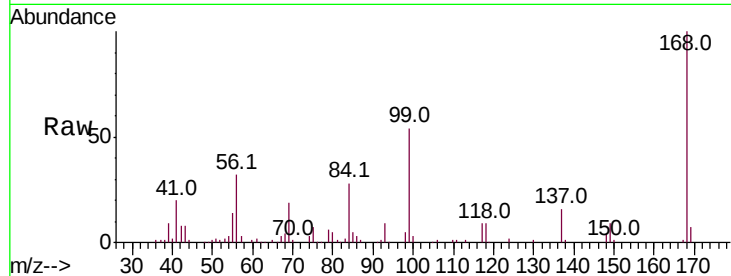




#36
 1,1-Dichloropropene
 Concen: 4.280 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064807.D
 Acq: 24 Nov 2020 13:50

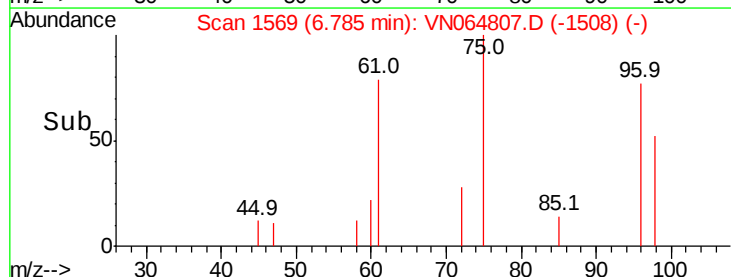
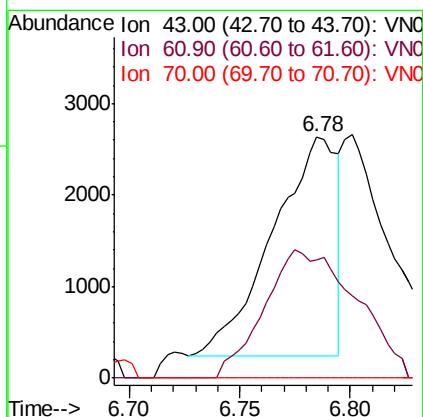
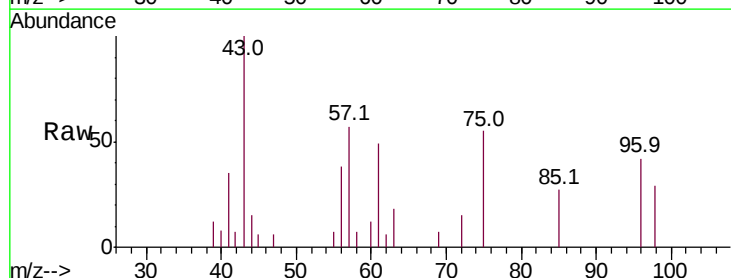
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

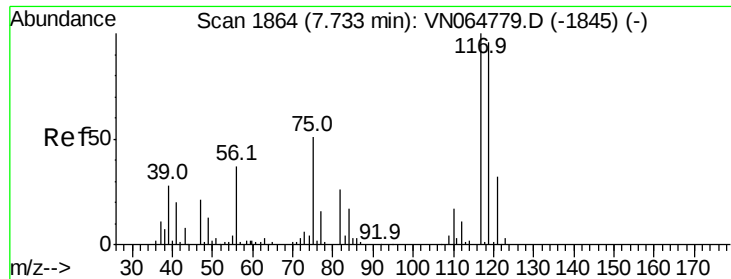
Tot Ion: 75 Resp: 12843
 Ion Ratio Lower Upper
 75 100
 110 4.5 17.8 53.3#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 1.667 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.10 min
 Lab File: VN064807.D
 Acq: 24 Nov 2020 13:50

Tgt Ion: 43 Resp: 4818
 Ion Ratio Lower Upper
 43 100
 61 84.3 12.8 19.2#
 70 0.0 8.8 13.2#

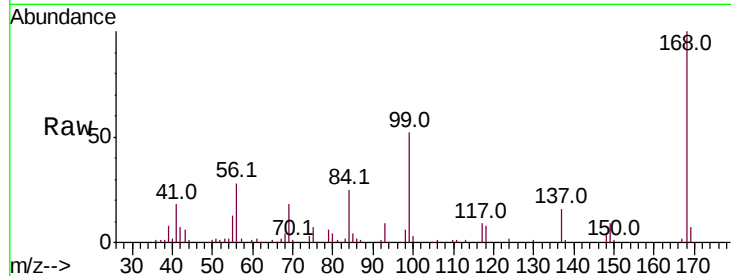




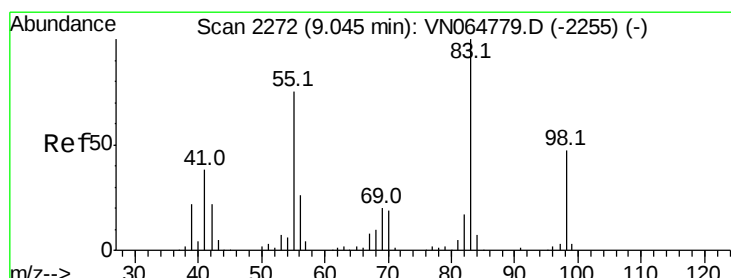
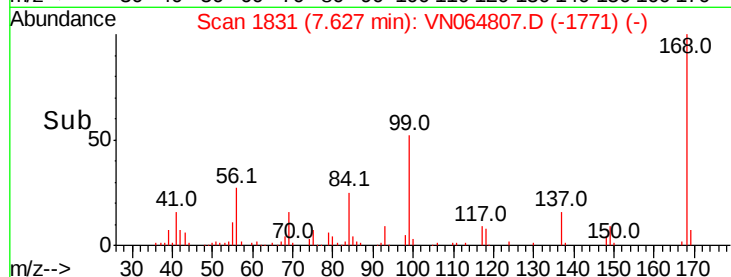
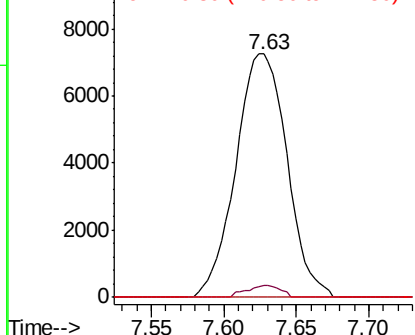
#38
Carbon Tetrachloride
Concen: 5.697 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

Instrument :
MSVOA_N
ClientSampled :
MW-2

Tot Ion:117 Resp: 17787
Ion Ratio Lower Upper
117 100
119 4.8 76.7 115.1#
121 0.0 25.4 38.2#

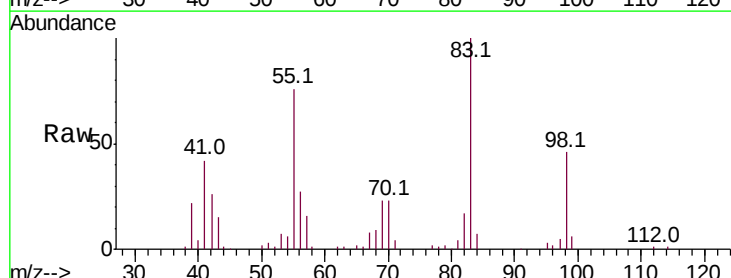


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

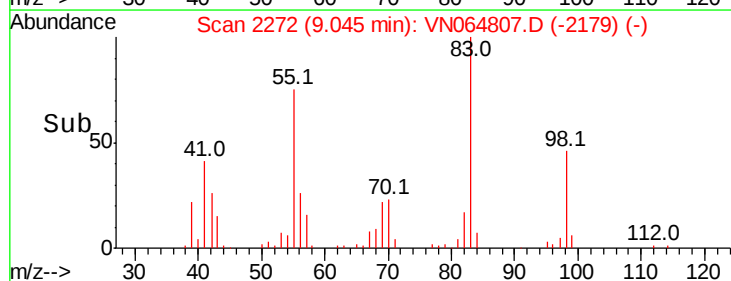
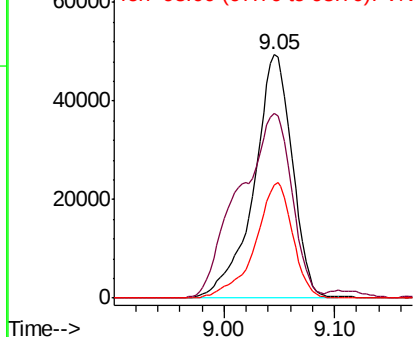


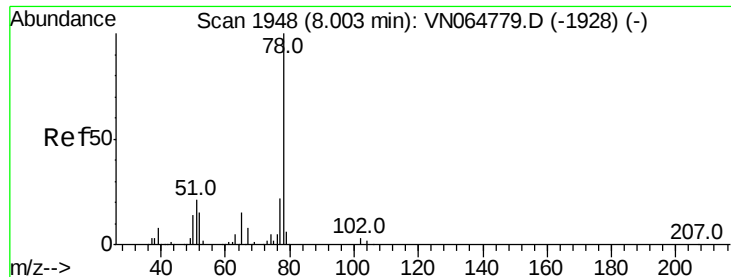
#39
Methylcyclohexane
Concen: 36.837 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

Tgt Ion: 83 Resp: 118983
Ion Ratio Lower Upper
83 100
55 75.4 60.2 90.2
98 46.5 37.4 56.2



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 73.999 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

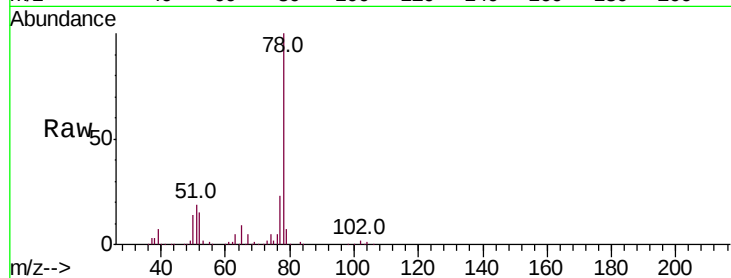
MW-2

Tot Ion: 78 Resp: 680376

Ion Ratio Lower Upper

78 100

77 23.0 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.00

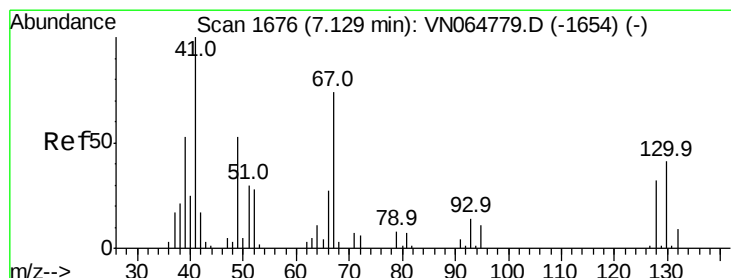
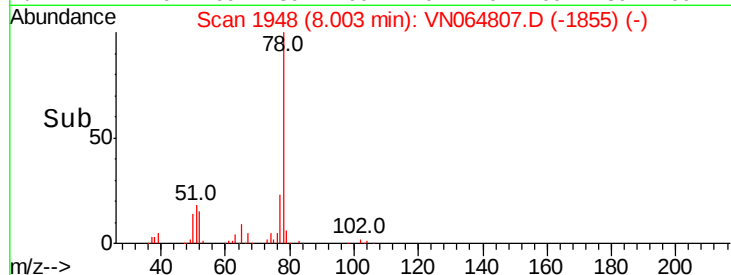
300000

200000

100000

0

Time-->



#41

Methacrylonitrile

Concen: 2.967 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.04 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Tgt Ion: 41 Resp: 3957

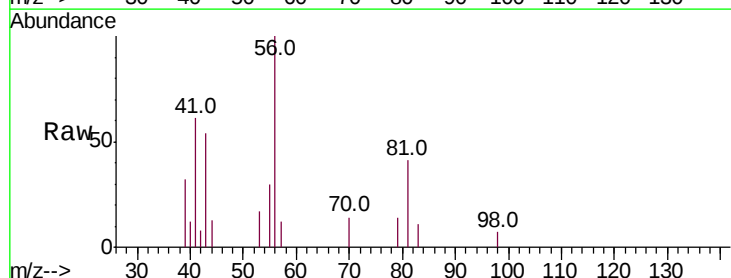
Ion Ratio Lower Upper

41 100

39 52.8 51.0 76.6

67 0.0 79.8 119.8#

52 0.0 31.5 47.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

7.16

2000

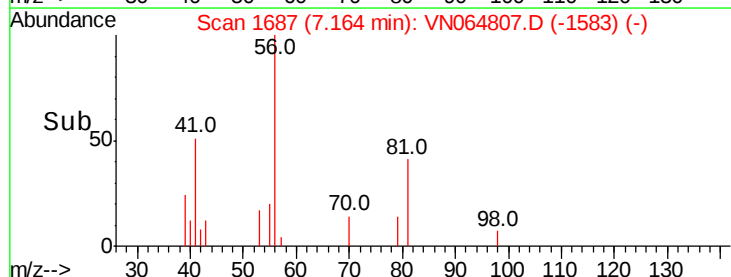
1500

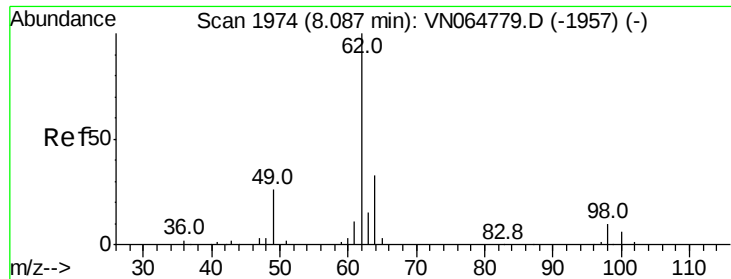
1000

500

0

Time-->

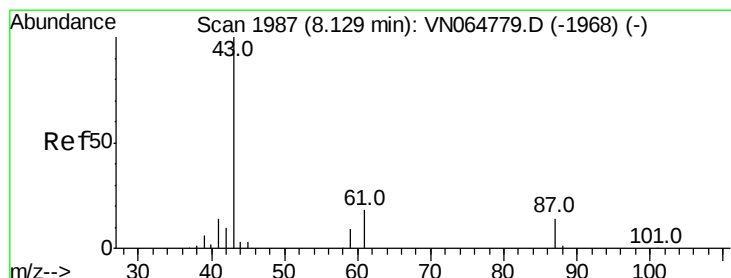
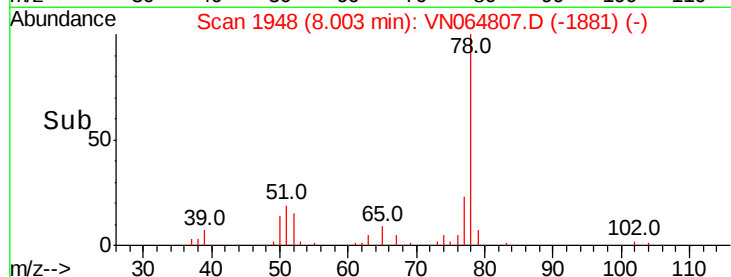
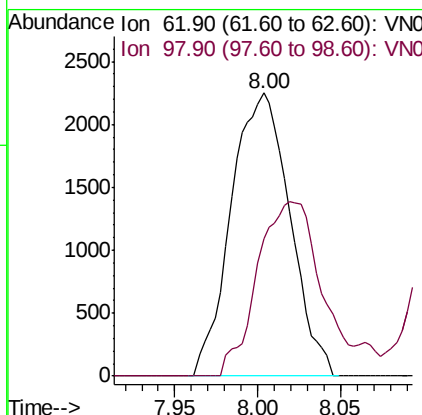
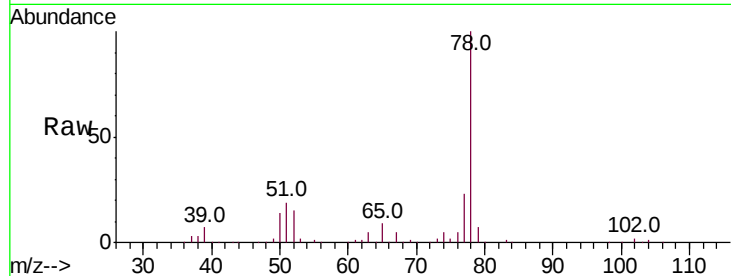




#42
 1,2-Dichloroethane
 Concen: 1.788 ug/l
 RT: 8.00 min Scan# 1948
 Delta R.T. -0.08 min
 Lab File: VN064807.D
 Acq: 24 Nov 2020 13:50

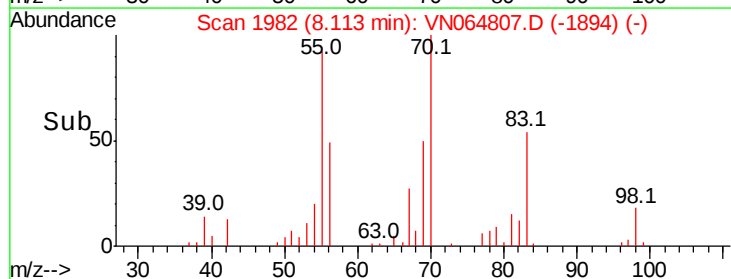
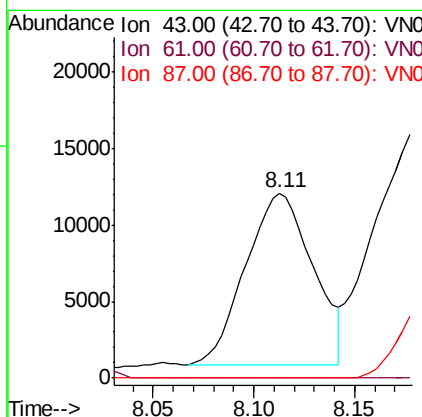
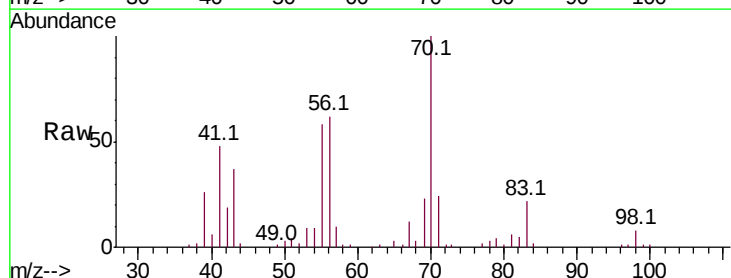
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

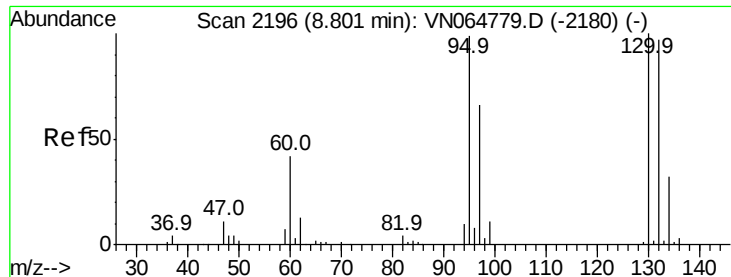
Tot Ion: 62 Resp: 5546
 Ion Ratio Lower Upper
 62 100
 98 66.5 0.0 19.6#



#43
 Isopropyl Acetate
 Concen: 5.582 ug/l
 RT: 8.11 min Scan# 1982
 Delta R.T. -0.02 min
 Lab File: VN064807.D
 Acq: 24 Nov 2020 13:50

Tgt Ion: 43 Resp: 25958
 Ion Ratio Lower Upper
 43 100
 61 0.0 17.2 25.8#
 87 0.0 11.4 17.0#





#44

Trichloroethene

Concen: 0.602 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

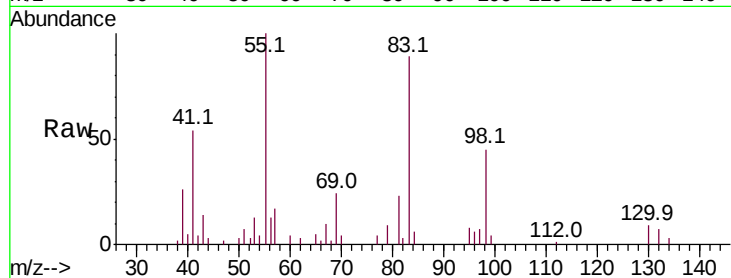
MW-2

Tot Ion:130 Resp: 1634

Ion Ratio Lower Upper

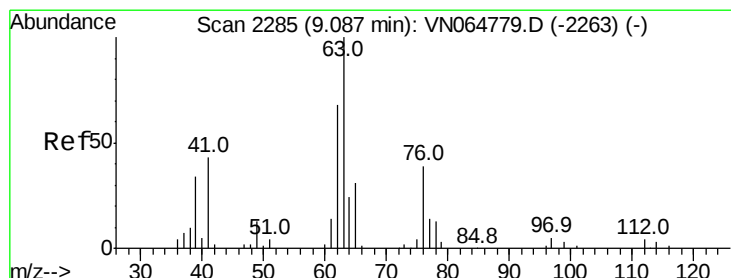
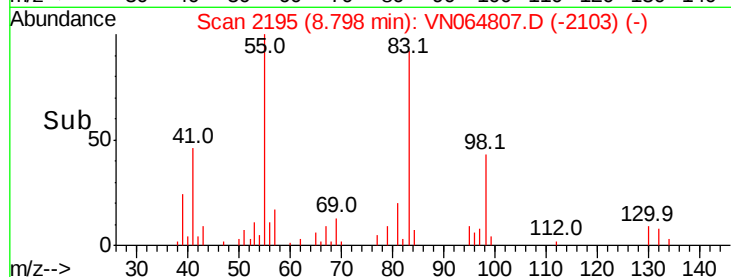
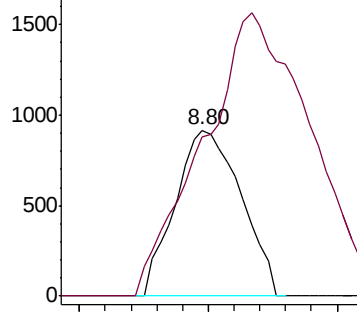
130 100

95 96.3 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 0.216 ug/l

RT: 9.01 min Scan# 2260

Delta R.T. -0.08 min

Lab File: VN064807.D

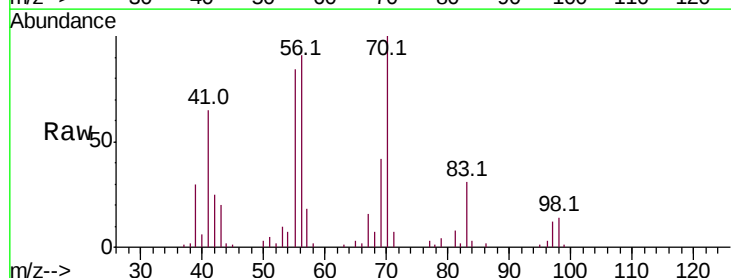
Acq: 24 Nov 2020 13:50

Tgt Ion: 63 Resp: 514

Ion Ratio Lower Upper

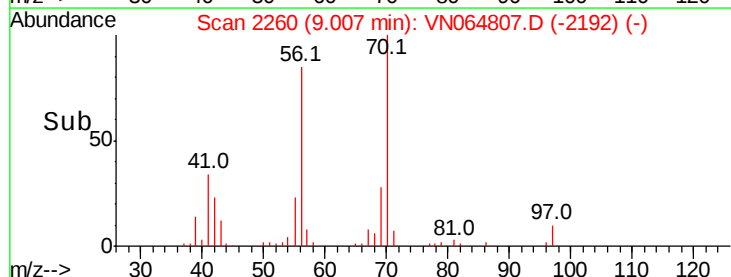
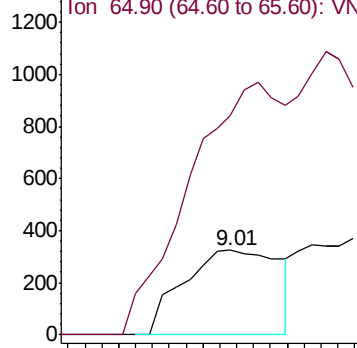
63 100

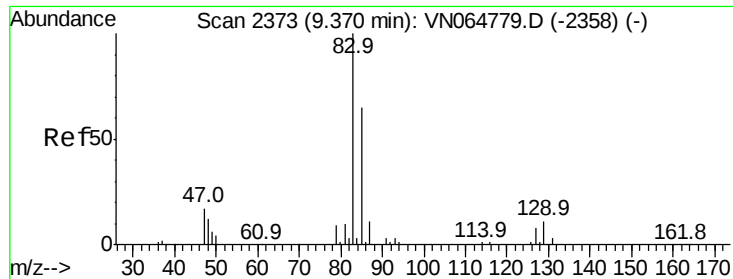
65 209.9 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VN





#47

Bromodichloromethane

Concen: 2.882 ug/l

RT: 9.35 min Scan# 2368

Delta R.T. -0.02 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

MW-2

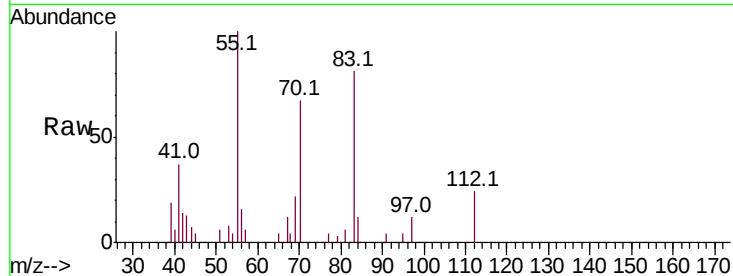
Tot Ion: 83 Resp: 9225

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.8#

127 0.0 6.8 10.2#

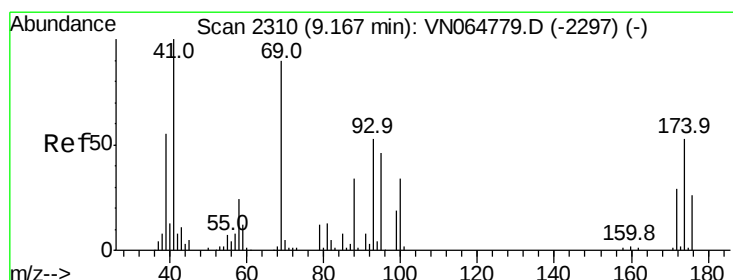
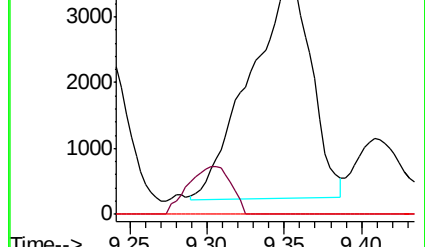
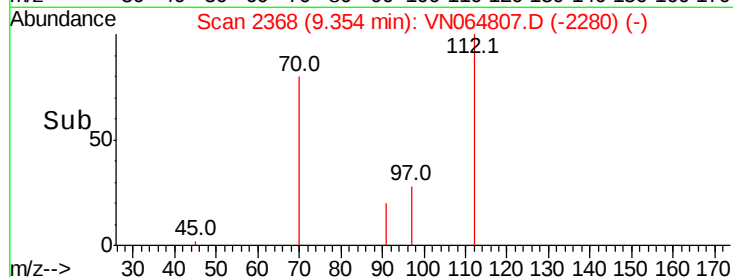


Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)

Time-->



#48

Methyl methacrylate

Concen: 1.145 ug/l

RT: 9.19 min Scan# 2318

Delta R.T. 0.03 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

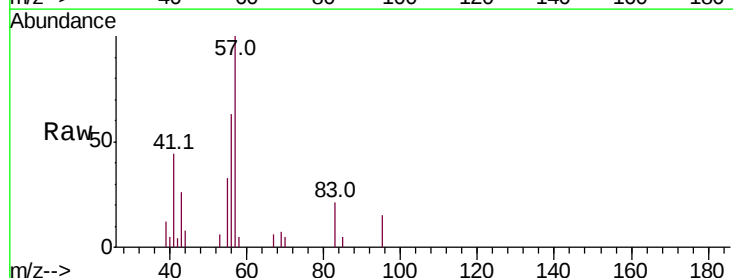
Tgt Ion: 41 Resp: 2545

Ion Ratio Lower Upper

41 100

69 0.0 71.8 107.8#

39 23.3 44.1 66.1#

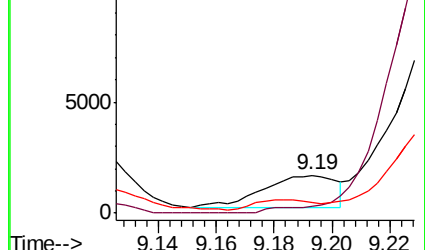
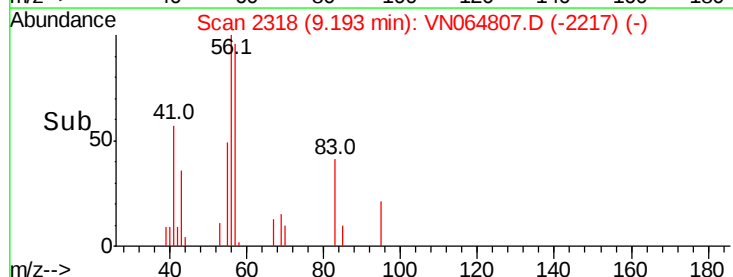


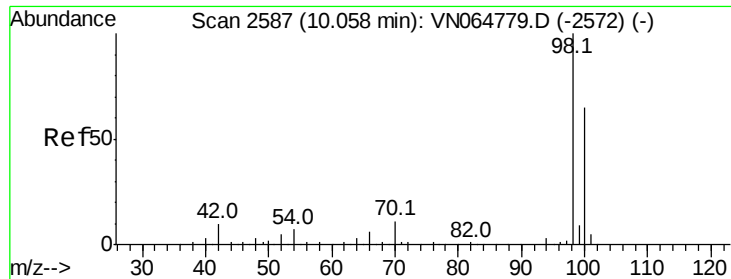
Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)

Time-->





#50

Toluene-d8

Concen: 51.106 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

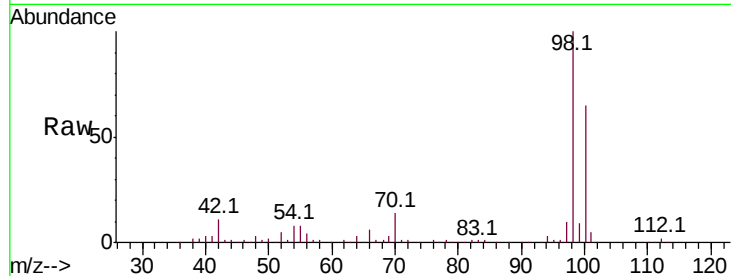
MW-2

Tot Ion: 98 Resp: 404466

Ion Ratio Lower Upper

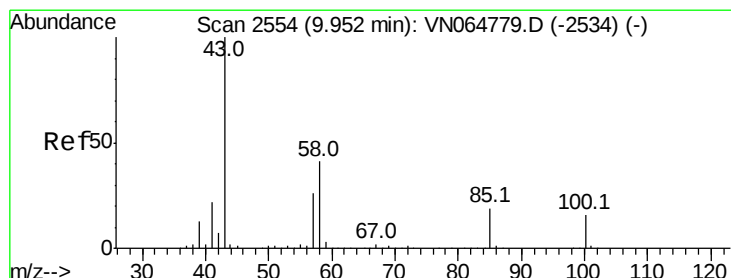
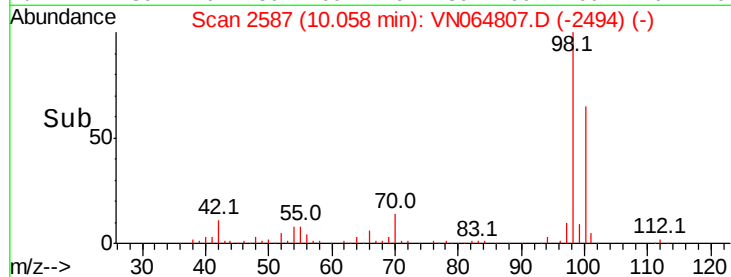
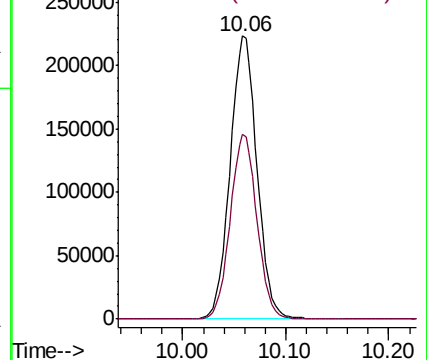
98 100

100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.841 ug/l

RT: 10.06 min Scan# 2589

Delta R.T. 0.11 min

Lab File: VN064807.D

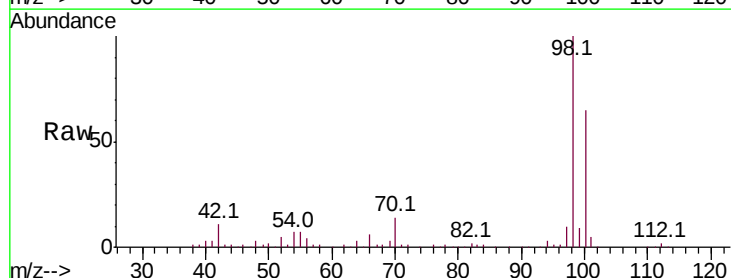
Acq: 24 Nov 2020 13:50

Tgt Ion: 43 Resp: 5141

Ion Ratio Lower Upper

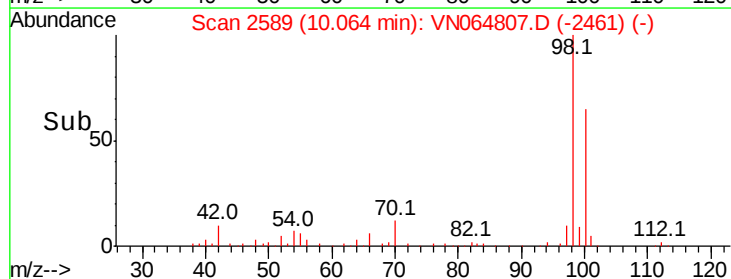
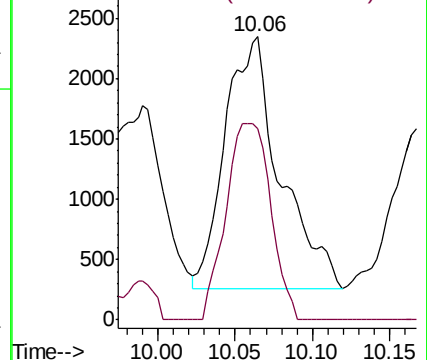
43 100

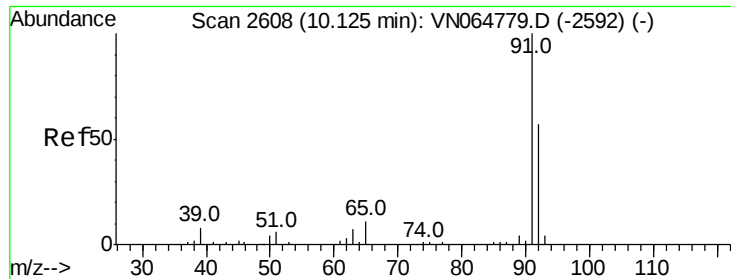
58 63.6 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 4.267 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

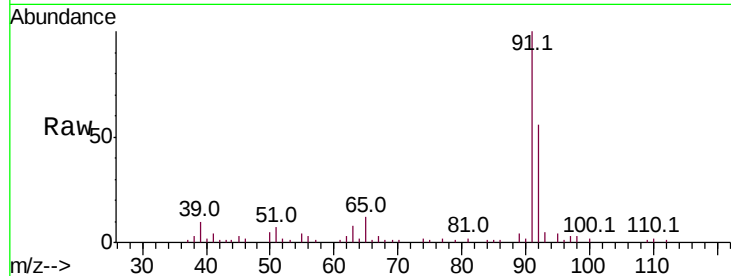
MW-2

Tot Ion: 92 Resp: 24159

Ion Ratio Lower Upper

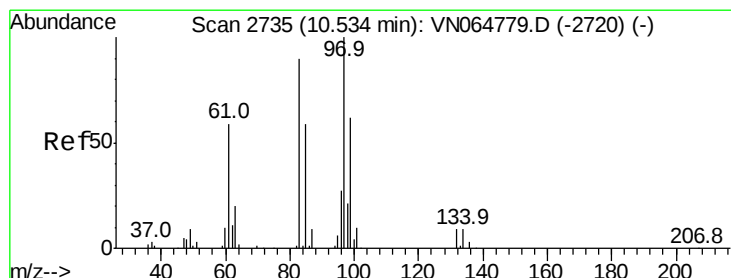
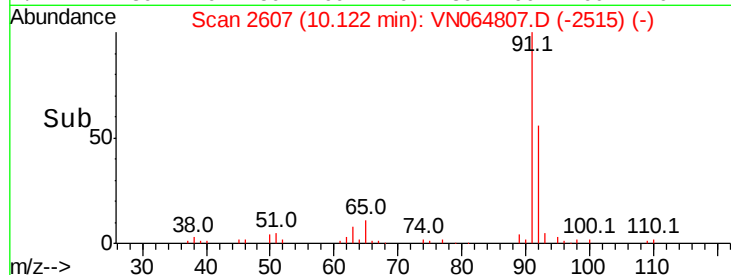
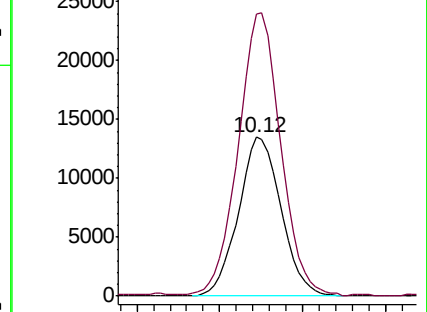
92 100

91 178.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064807.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064807.D (-2515) (-)



#55

1,1,2-Trichloroethane

Concen: 15.510 ug/l

RT: 10.50 min Scan# 2724

Delta R.T. -0.04 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Tgt Ion: 97 Resp: 36114

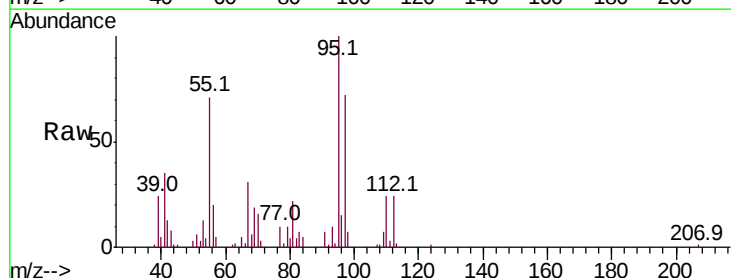
Ion Ratio Lower Upper

97 100

83 7.8 72.1 108.1#

85 0.0 46.8 70.2#

99 0.0 49.6 74.4#

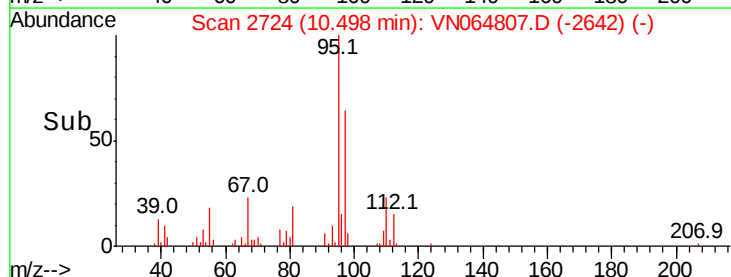
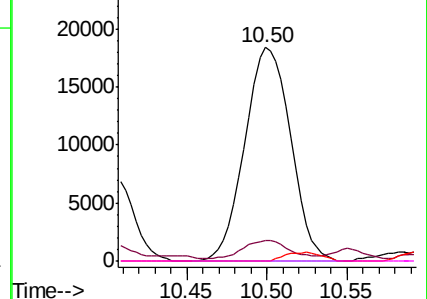


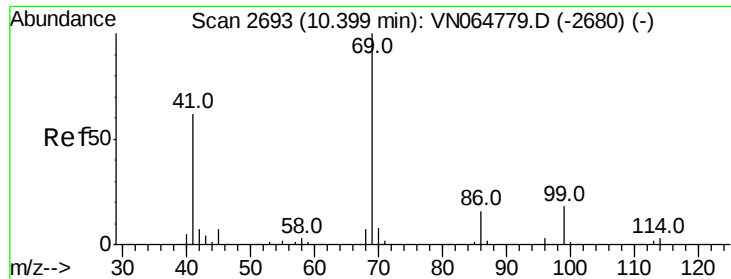
Abundance Ion 96.90 (96.60 to 97.60): VN064807.D (-2642) (-)

Ion 82.90 (82.60 to 83.60): VN064807.D (-2642) (-)

Ion 84.90 (84.60 to 85.60): VN064807.D (-2642) (-)

Ion 98.90 (98.60 to 99.60): VN064807.D (-2642) (-)





#56

Ethyl methacrylate

Concen: 0.894 ug/l

RT: 10.41 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

MW-2

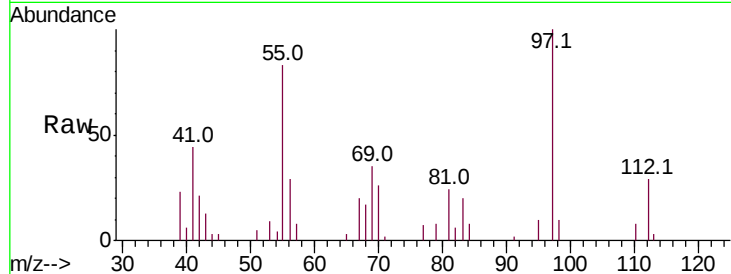
Tot Ion: 69 Resp: 2873

Ion Ratio Lower Upper

69 100

41 128.9 49.4 74.0#

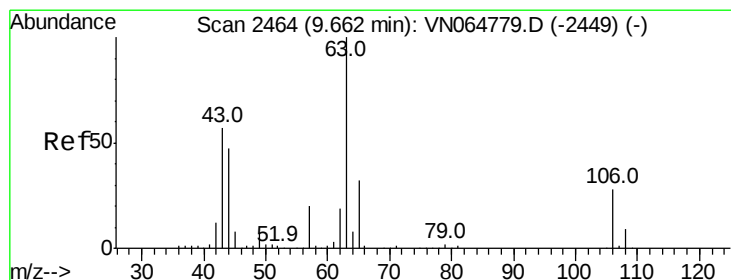
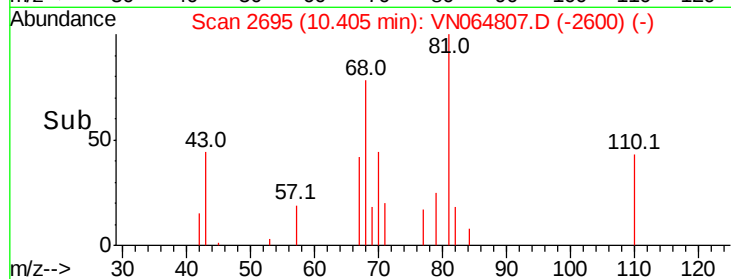
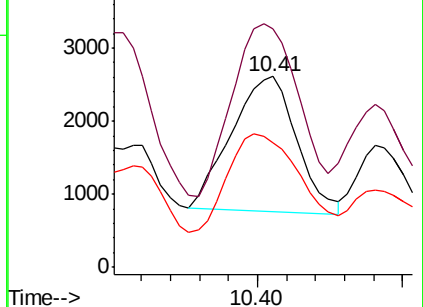
39 79.8 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN064779.D (-2680) (-)

Ion 41.00 (40.70 to 41.70): VN064779.D (-2680) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2680) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 0.235 ug/l

RT: 9.63 min Scan# 2453

Delta R.T. -0.04 min

Lab File: VN064807.D

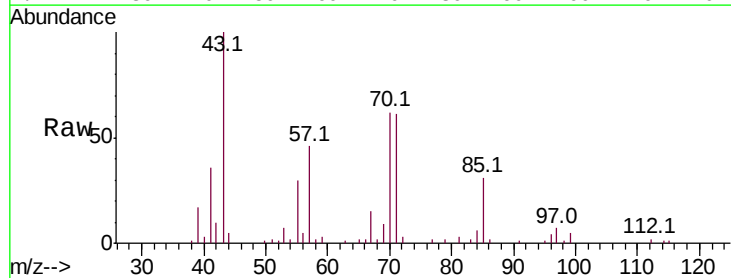
Acq: 24 Nov 2020 13:50

Tgt Ion: 63 Resp: 416

Ion Ratio Lower Upper

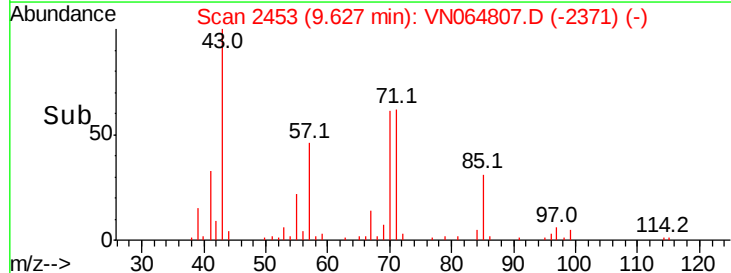
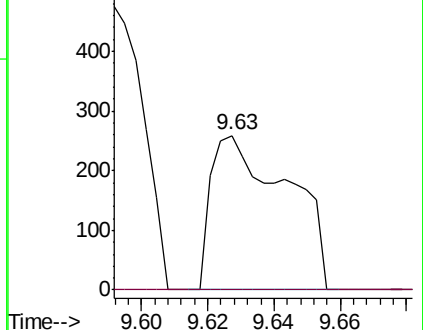
63 100

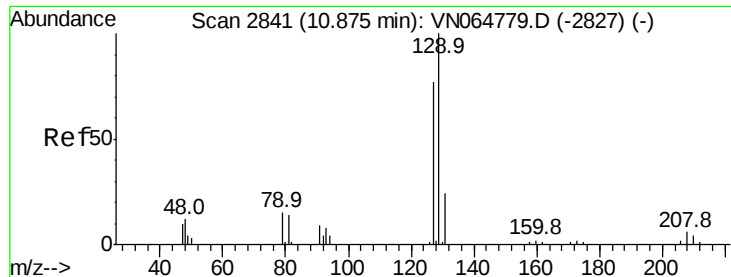
106 0.0 22.7 34.1#



Abundance Ion 62.90 (62.60 to 63.60): VN064779.D (-2449) (-)

Ion 105.90 (105.60 to 106.60): VN064779.D (-2449) (-)





#60

Dibromochloromethane

Concen: 0.889 ug/l

RT: 10.60 min Scan# 2755

Delta R.T. -0.28 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

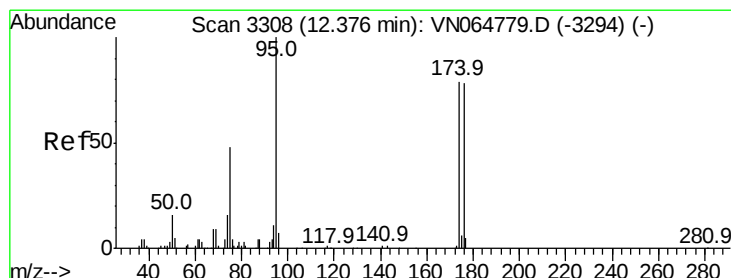
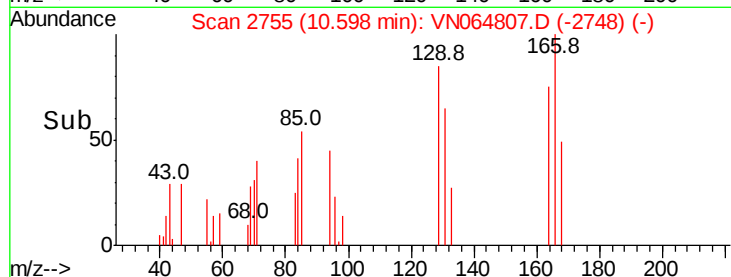
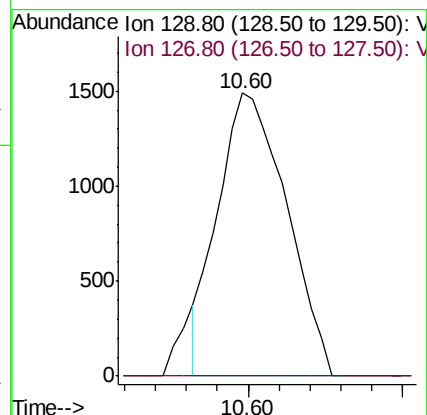
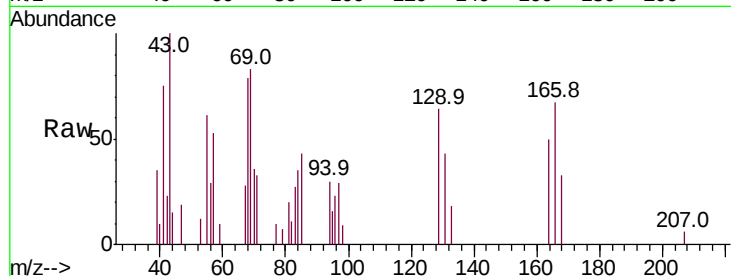
MW-2

Tot Ion:129 Resp: 2302

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#



#62

4-Bromofluorobenzene

Concen: 59.897 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

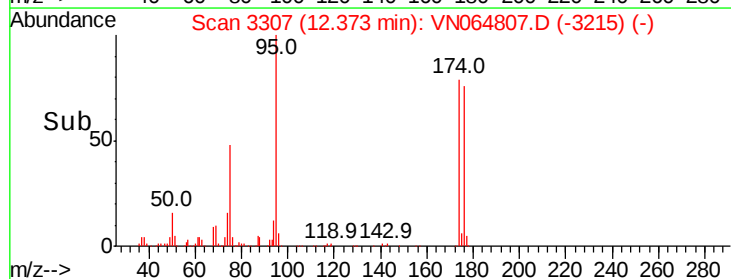
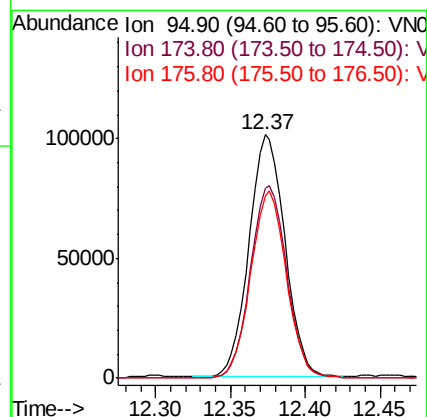
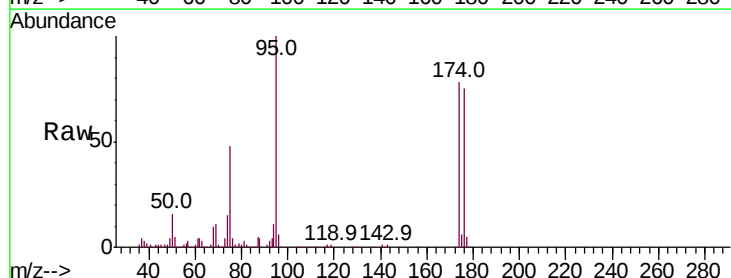
Tgt Ion: 95 Resp: 169650

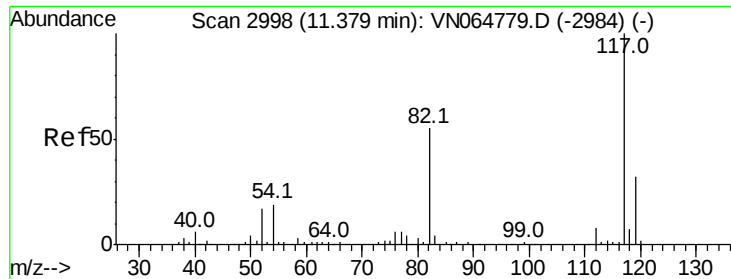
Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.4

176 76.9 0.0 158.4

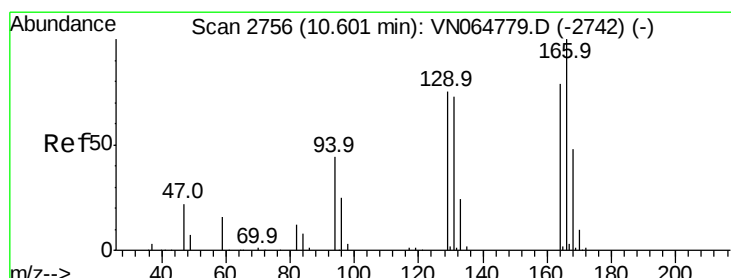
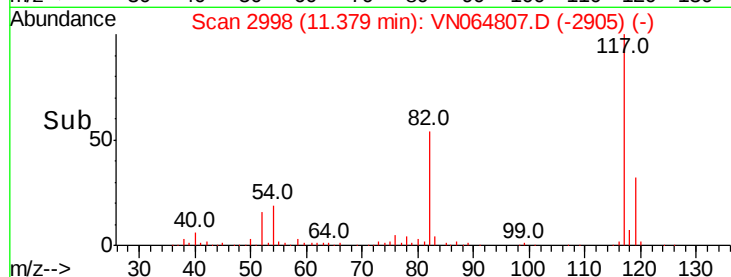
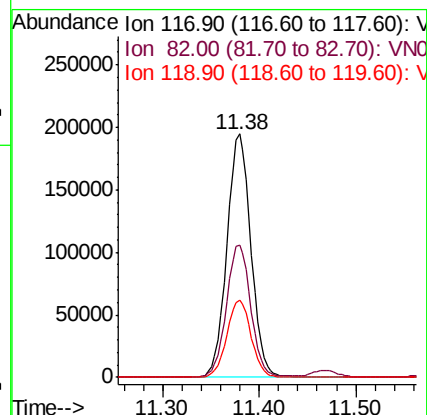
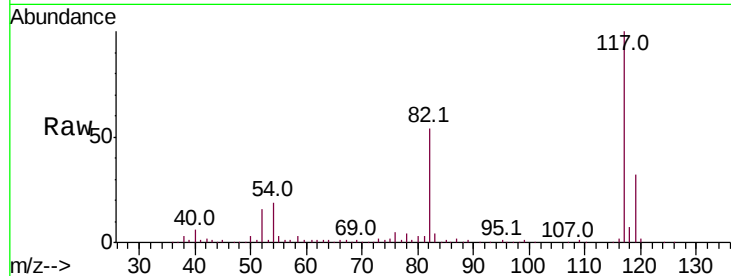




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

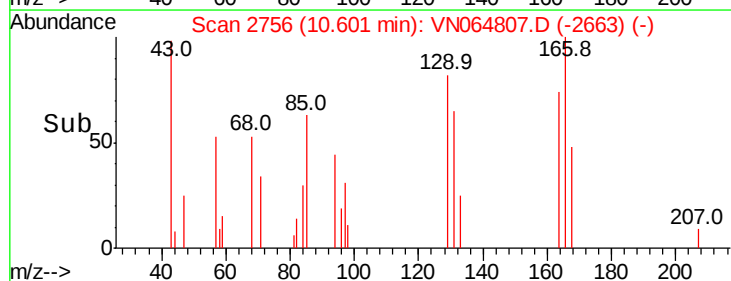
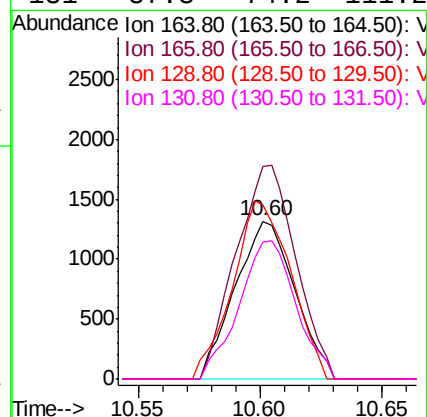
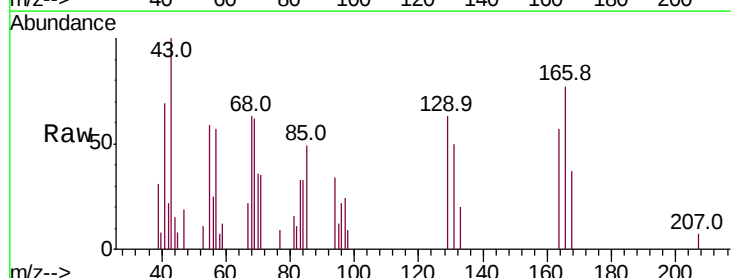
Instrument :
MSVOA_N
ClientSampled :
MW-2

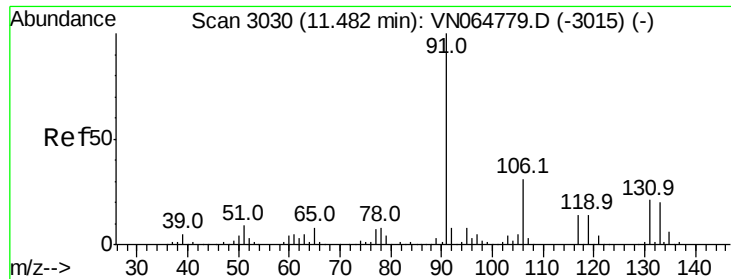
Tot Ion:117 Resp: 335471
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 0.684 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

Tgt Ion:164 Resp: 2233
Ion Ratio Lower Upper
164 100
166 135.0 101.4 152.0
129 110.9 76.1 114.1
131 87.3 74.2 111.2

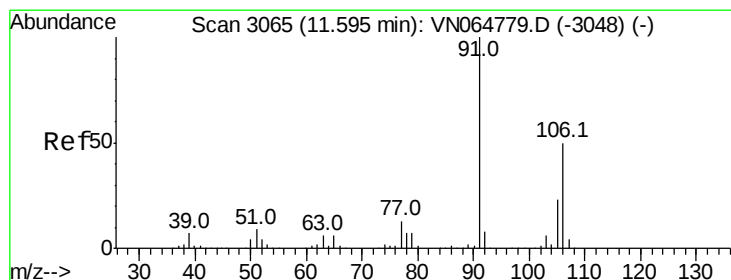
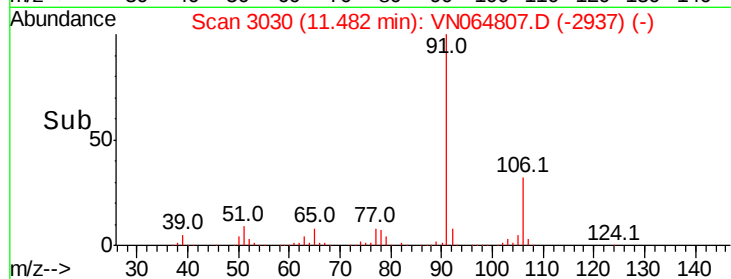
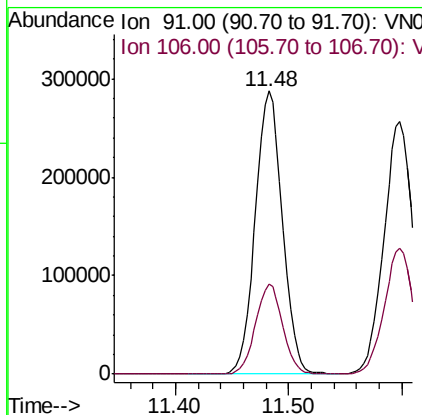
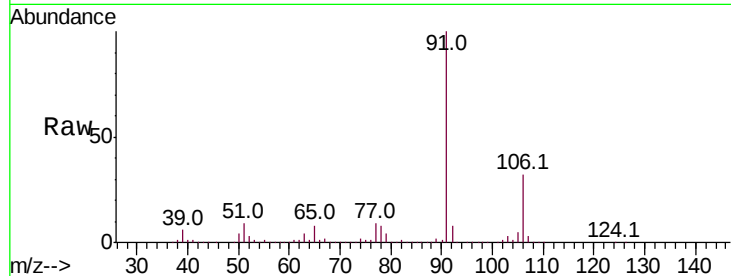




#67
Ethyl Benzene
Concen: 39.869 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

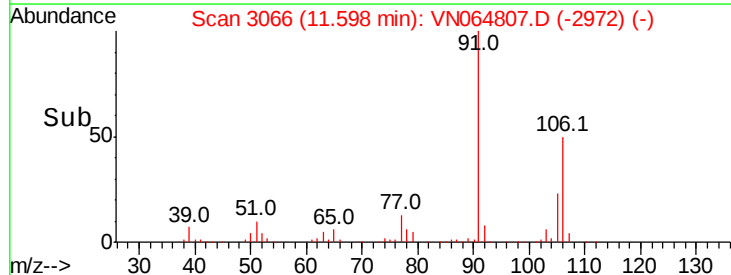
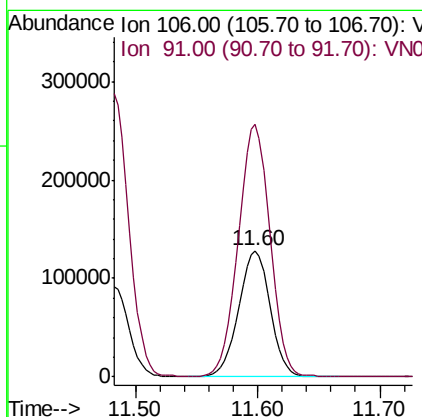
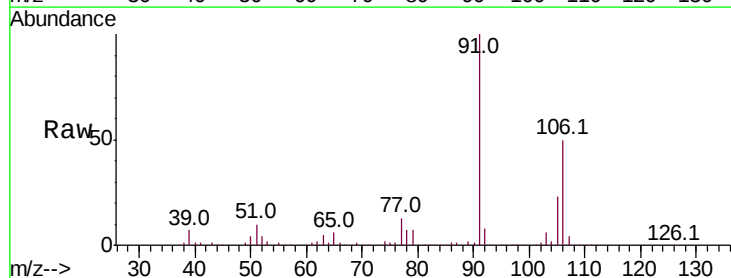
Instrument :
MSVOA_N
ClientSampleId :
MW-2

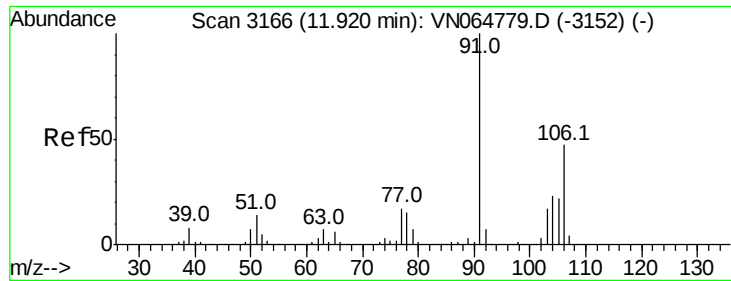
Tot Ion: 91 Resp: 479822
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8



#68
m/p-Xylenes
Concen: 50.057 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

Tgt Ion: 106 Resp: 228089
Ion Ratio Lower Upper
106 100
91 200.7 161.0 241.4

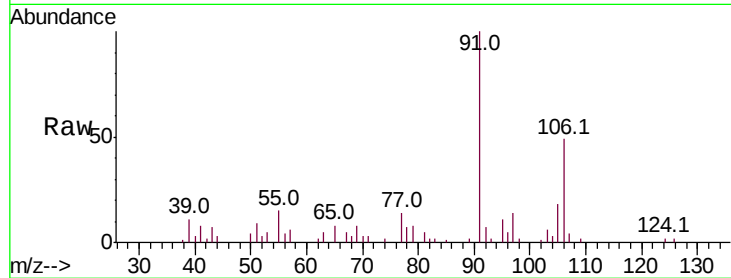




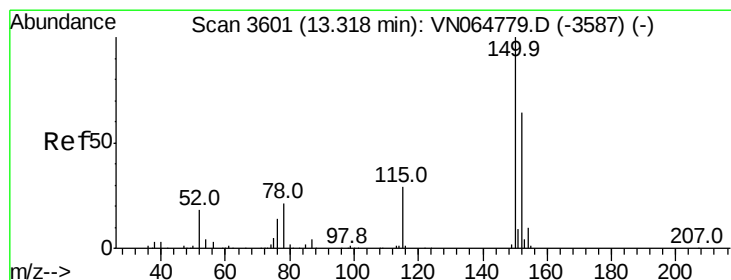
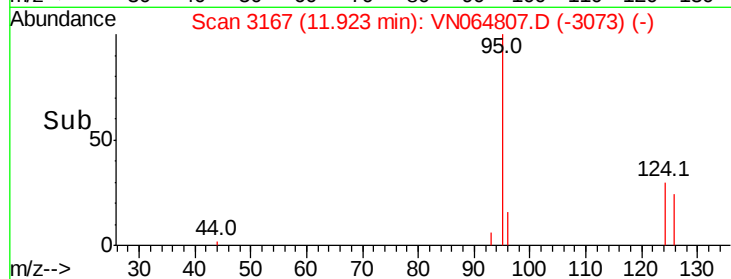
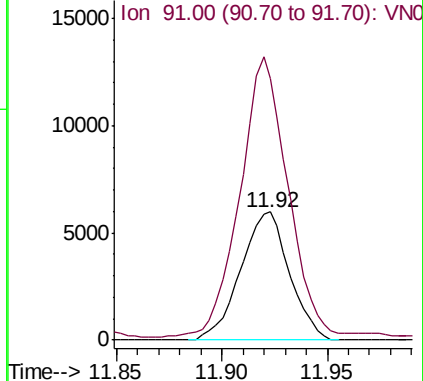
#69
o-Xylene
Concen: 2.216 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

Instrument :
MSVOA_N
ClientSampled :
MW-2

Tot Ion:106 Resp: 9581
Ion Ratio Lower Upper
106 100
91 215.3 105.5 316.5

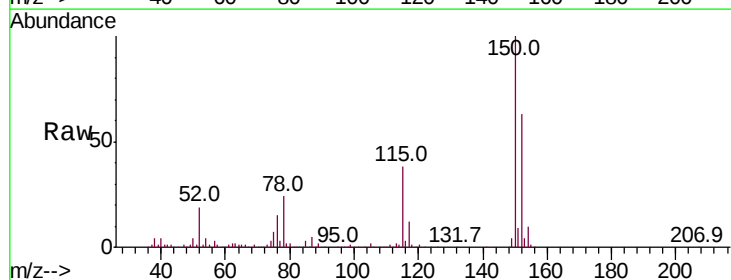


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

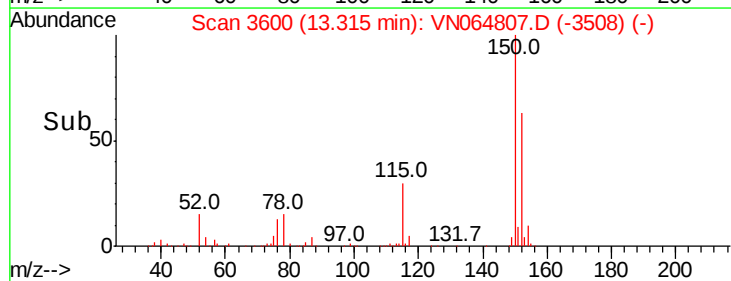
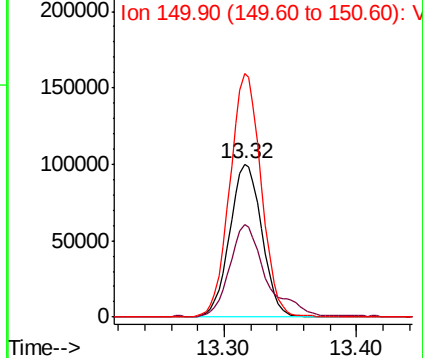


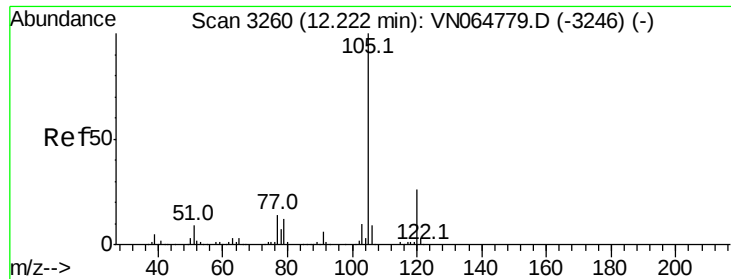
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

Tgt Ion:152 Resp: 168755
Ion Ratio Lower Upper
152 100
115 66.8 29.7 89.1
150 155.4 0.0 350.6



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: 21.499 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

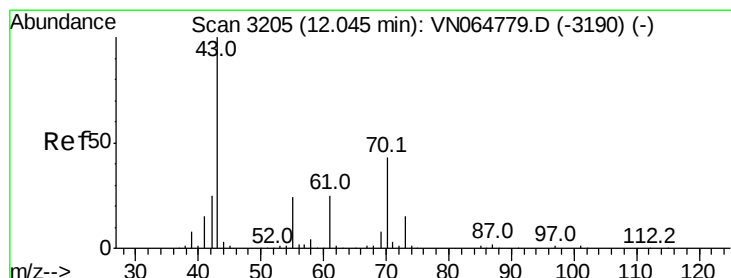
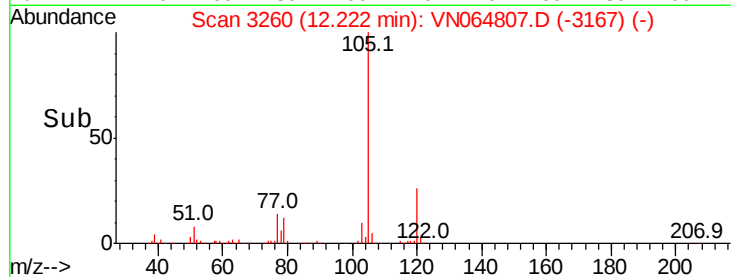
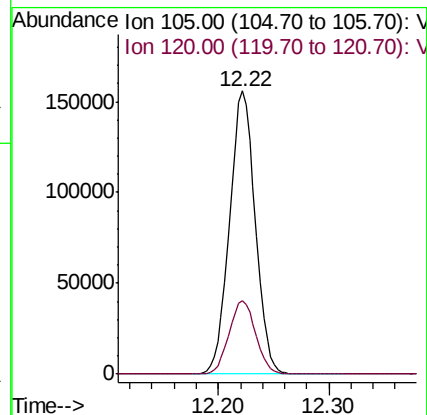
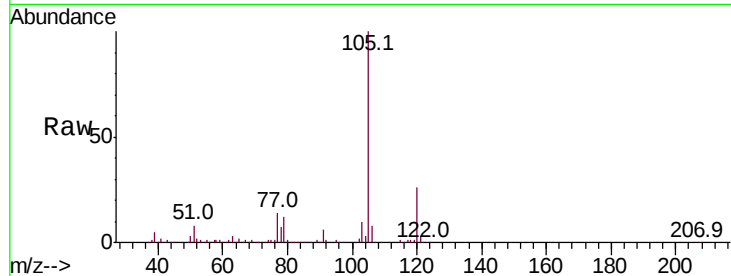
MW-2

Tot Ion:105 Resp: 252361

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 0.327 ug/l

RT: 12.01 min Scan# 3195

Delta R.T. -0.03 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Tgt Ion: 43 Resp: 1511

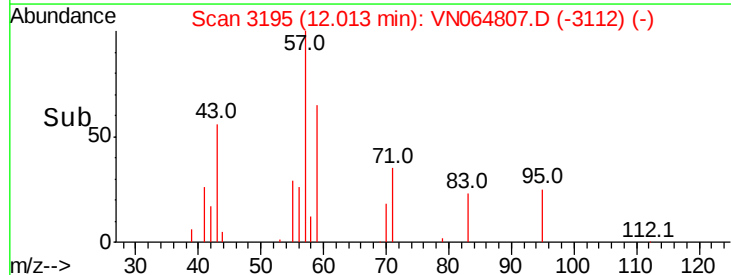
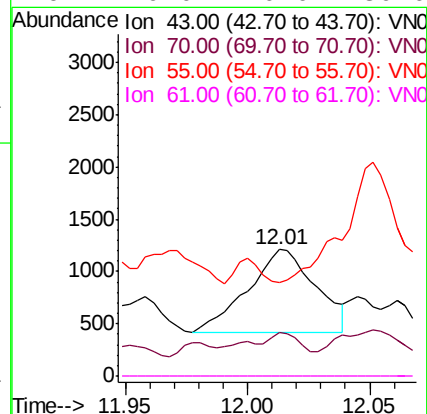
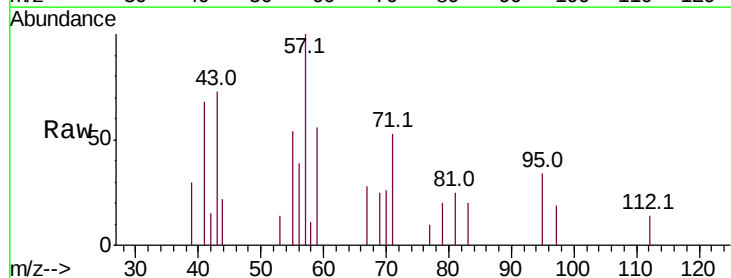
Ion Ratio Lower Upper

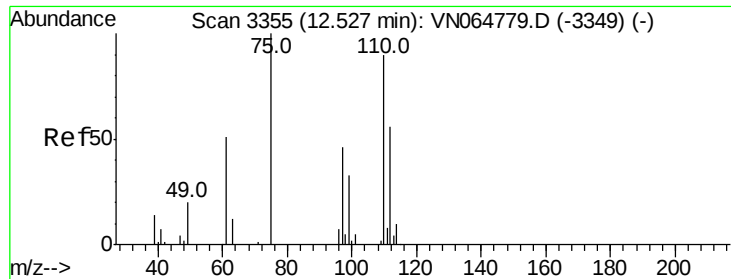
43 100

70 9.2 34.5 51.7#

55 0.0 20.4 30.6#

61 0.0 20.0 30.0#





#76

1,2,3-Trichloropropane

Concen: 0.812 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.04 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

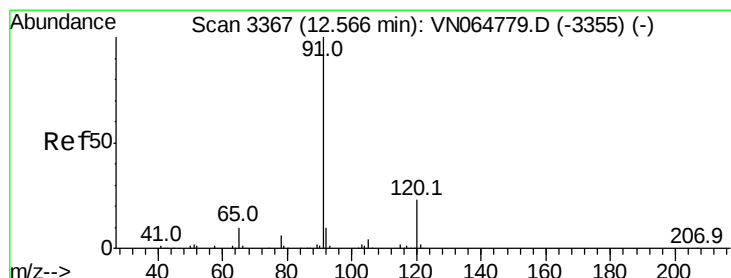
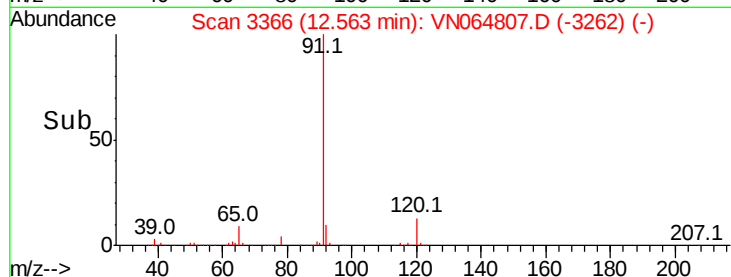
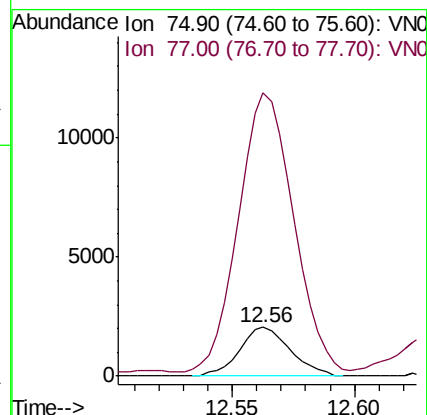
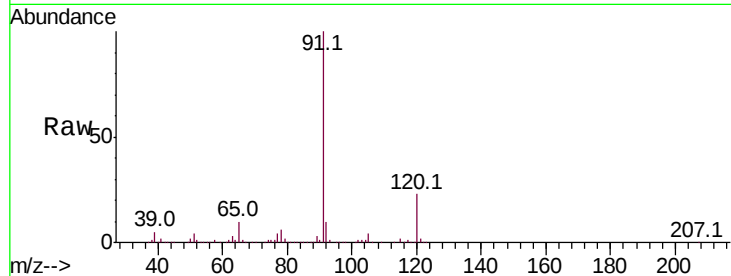
MW-2

Tot Ion: 75 Resp: 2952

Ion Ratio Lower Upper

75 100

77 617.0 0.0 0.0#



#78

n-propylbenzene

Concen: 37.714 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064807.D

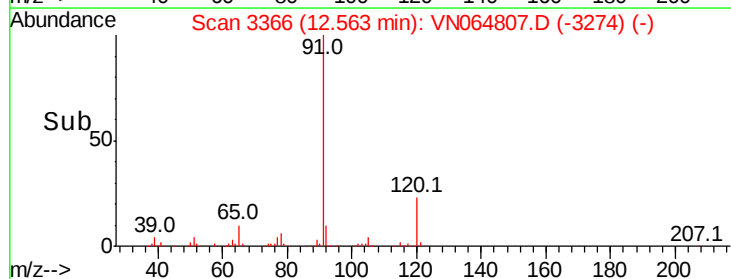
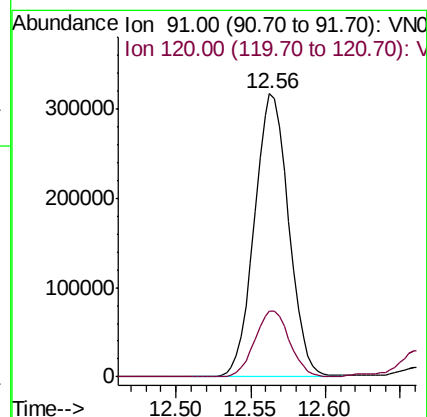
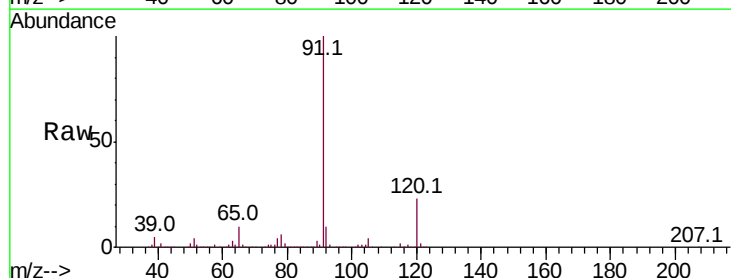
Acq: 24 Nov 2020 13:50

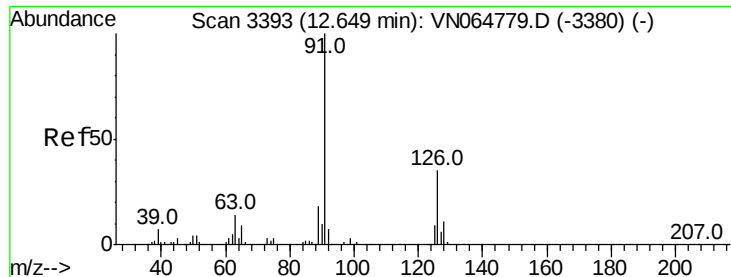
Tgt Ion: 91 Resp: 504308

Ion Ratio Lower Upper

91 100

120 23.7 11.6 34.7

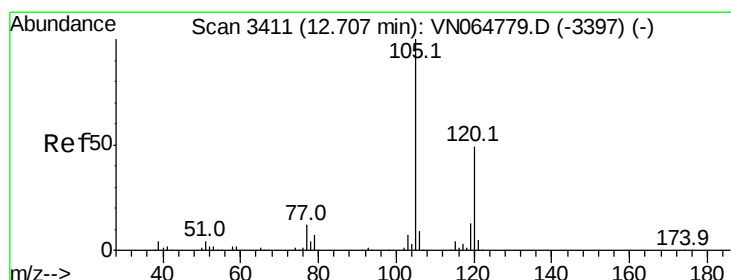
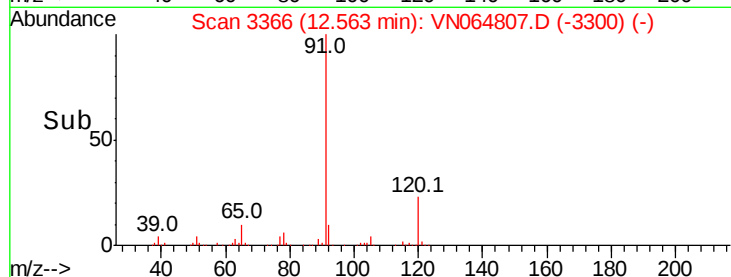
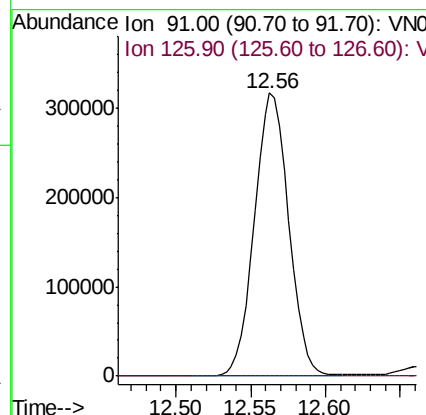
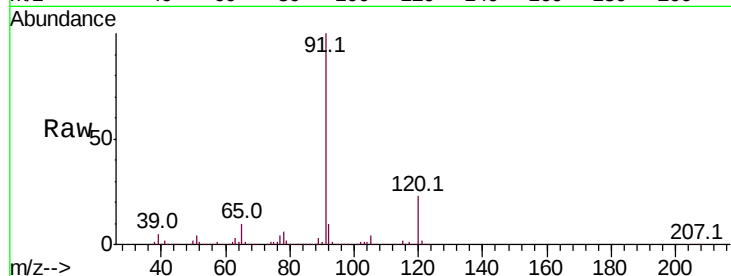




#79
2-Chlorotoluene
Concen: 61.011 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.09 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

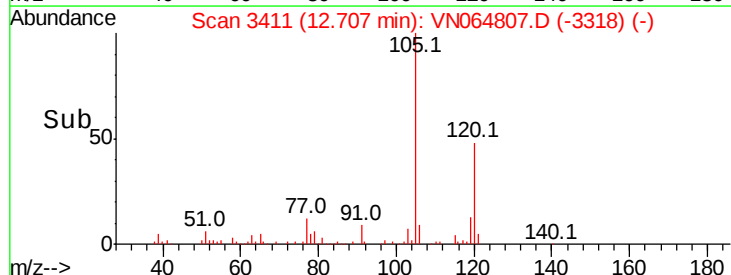
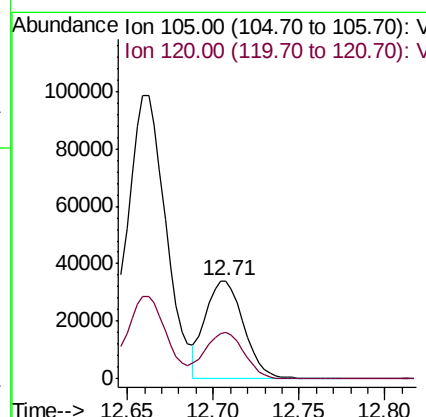
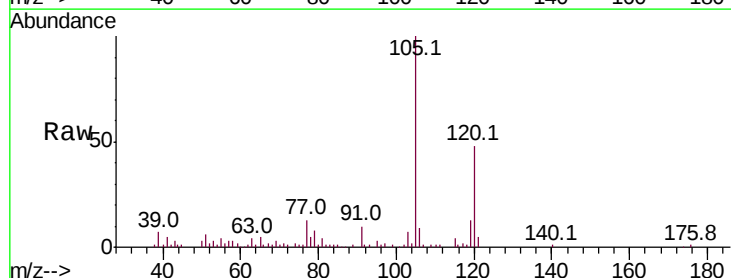
Instrument :
MSVOA_N
ClientSampleId :
MW-2

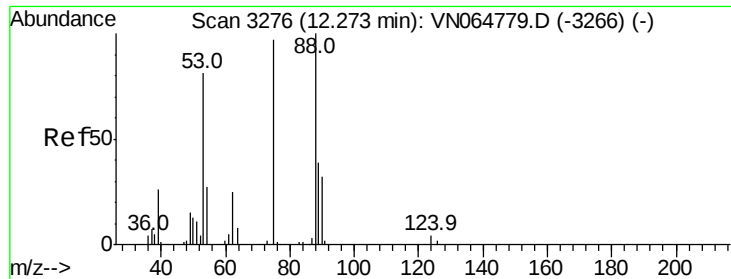
Tot Ion: 91 Resp: 504308
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#80
1,3,5-Trimethylbenzene
Concen: 5.474 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

Tgt Ion: 105 Resp: 53405
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 2.015 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.05 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

MW-2

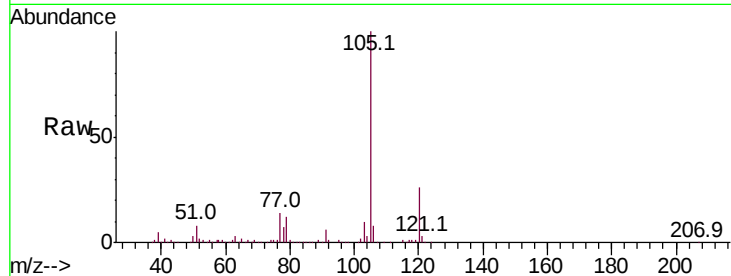
Tot Ion: 75 Resp: 2672

Ion Ratio Lower Upper

75 100

53 105.1 67.0 100.4#

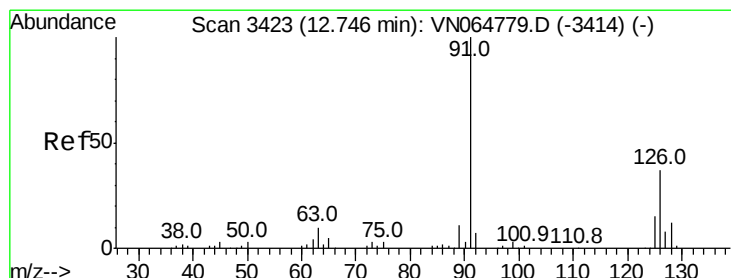
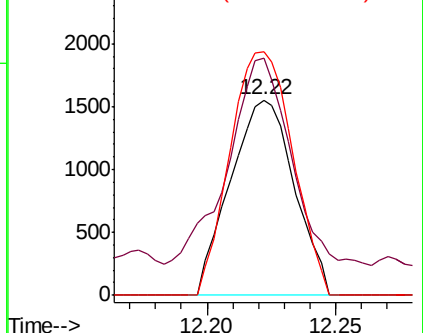
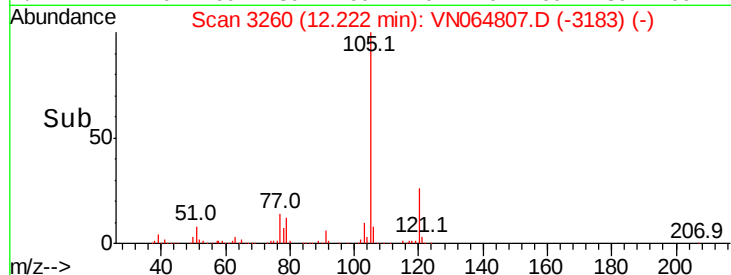
89 122.6 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 4.049 ug/l

RT: 12.86 min Scan# 3460

Delta R.T. 0.12 min

Lab File: VN064807.D

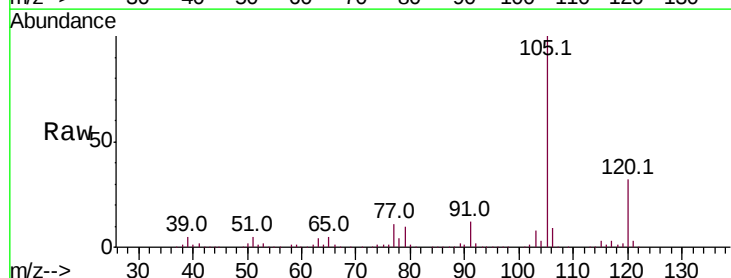
Acq: 24 Nov 2020 13:50

Tgt Ion: 91 Resp: 35081

Ion Ratio Lower Upper

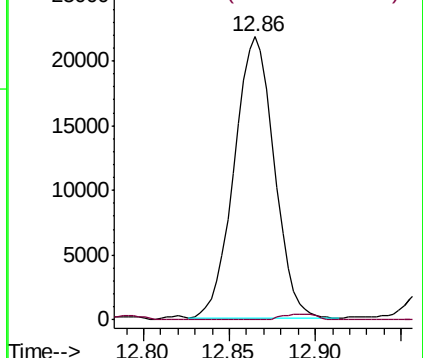
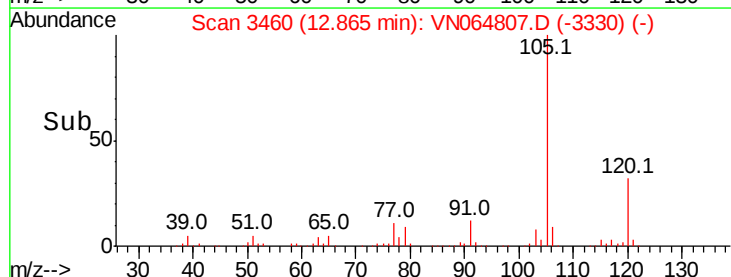
91 100

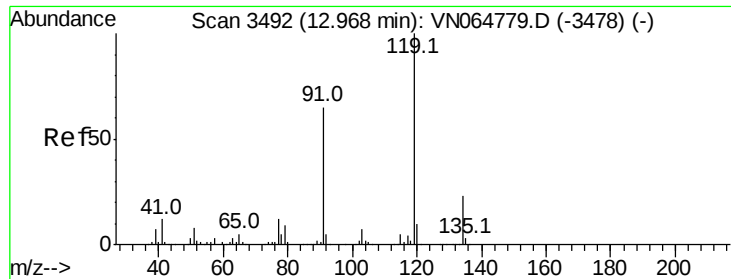
126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

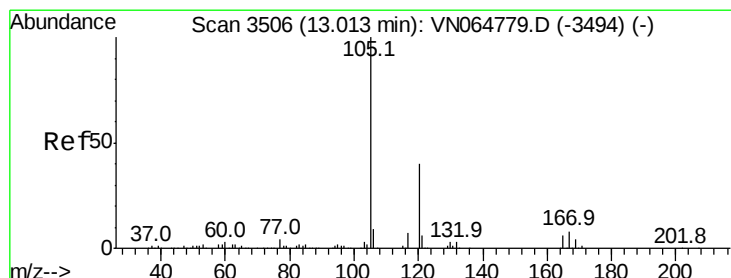
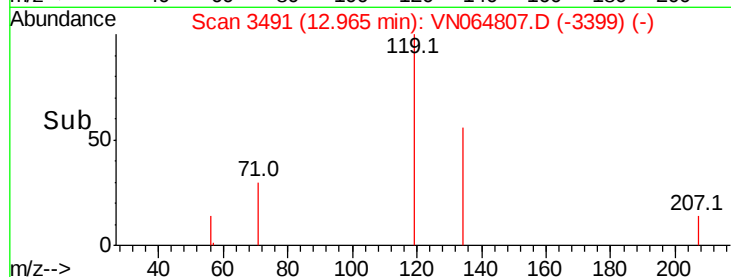
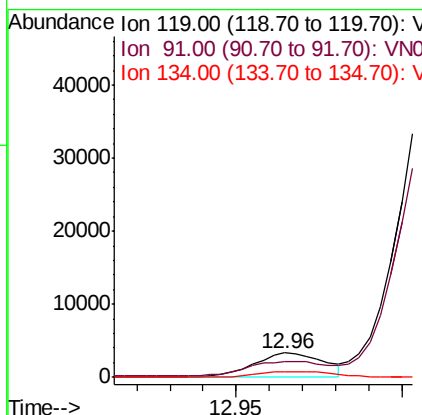
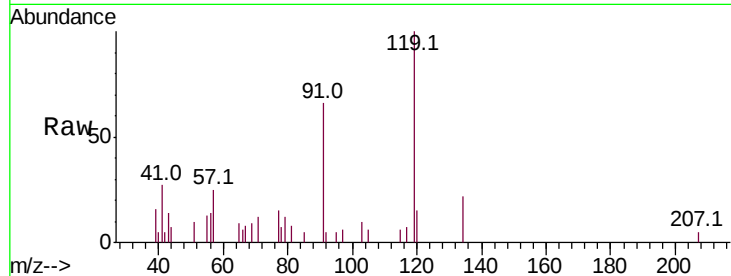




#83
tert-Butylbenzene
Concen: 0.596 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

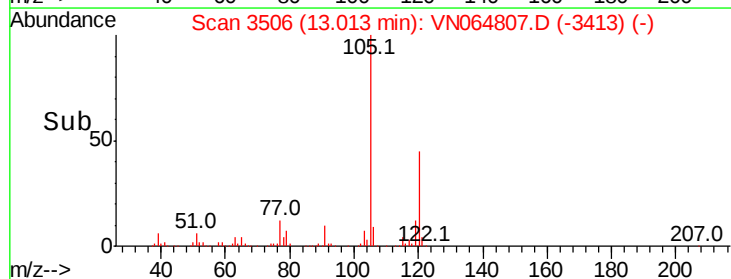
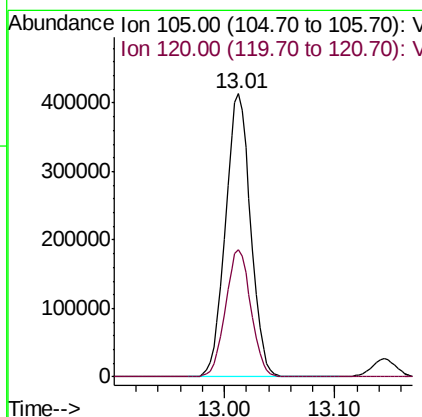
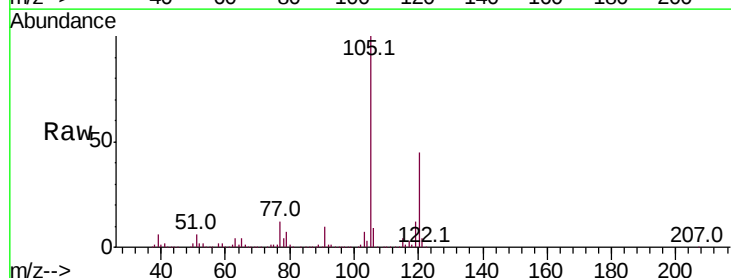
Instrument :
MSVOA_N
ClientSampled :
MW-2

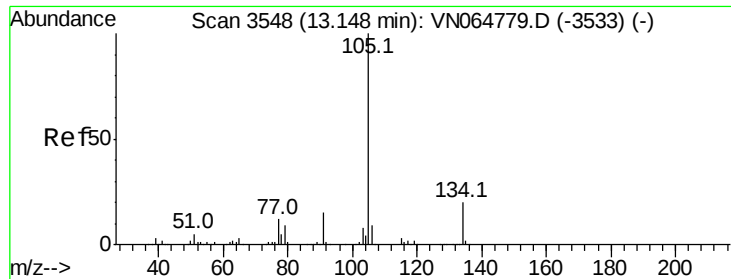
Tot Ion:119 Resp: 4874
Ion Ratio Lower Upper
119 100
91 65.8 32.3 96.8
134 24.6 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 66.203 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

Tgt Ion:105 Resp: 653069
Ion Ratio Lower Upper
105 100
120 45.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 3.801 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

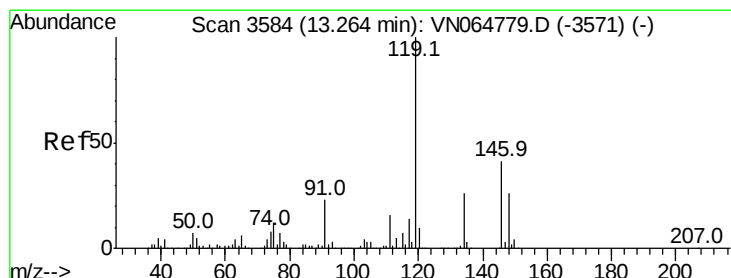
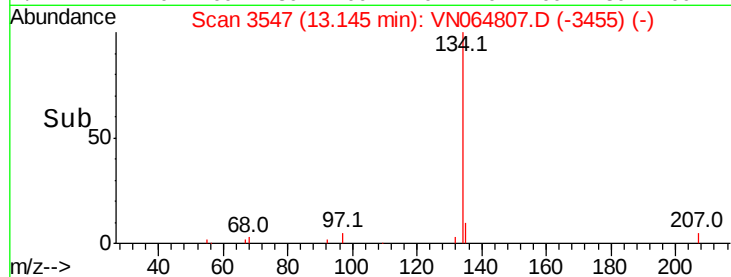
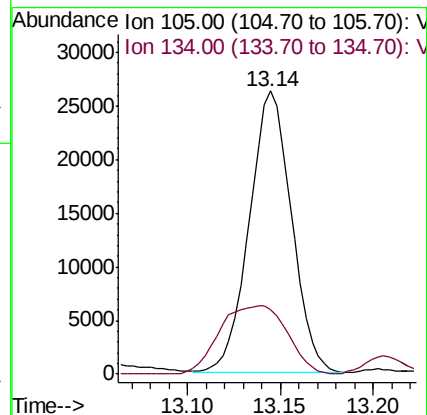
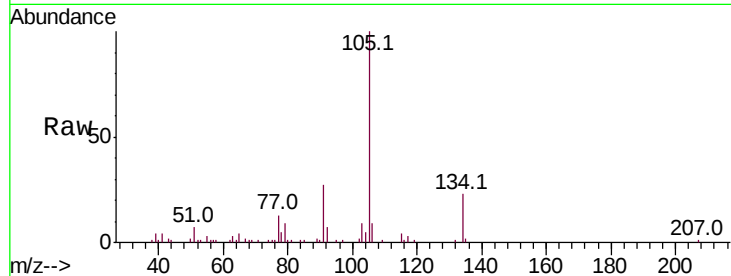
MW-2

Tot Ion:105 Resp: 41275

Ion Ratio Lower Upper

105 100

134 38.9 10.1 30.1#



#86

p-Isopropyltoluene

Concen: 1.046 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

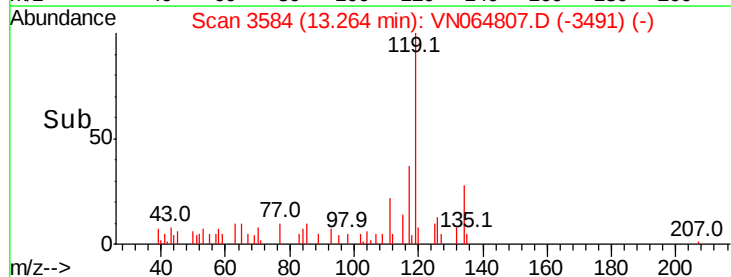
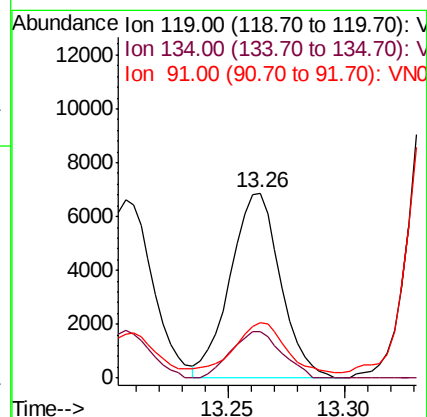
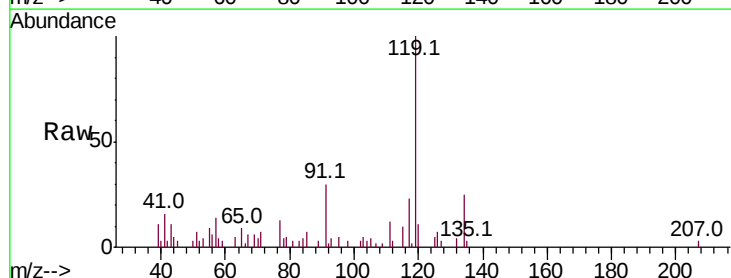
Tgt Ion:119 Resp: 10341

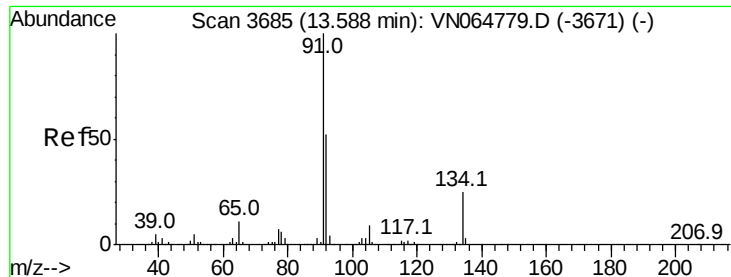
Ion Ratio Lower Upper

119 100

134 25.2 13.1 39.1

91 0.0 11.5 34.5#

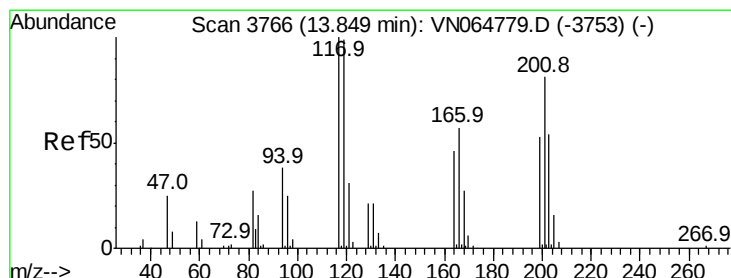
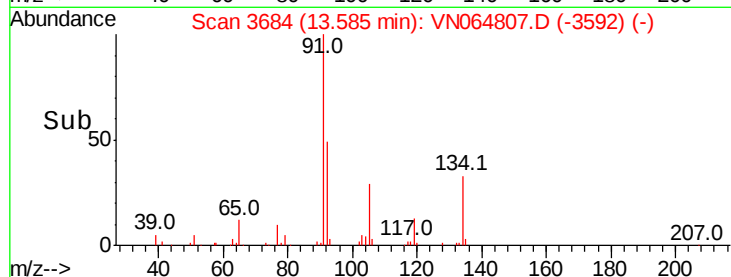
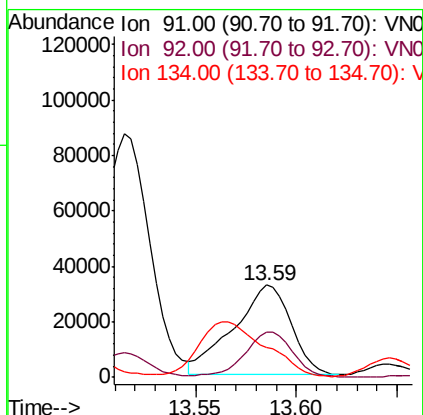
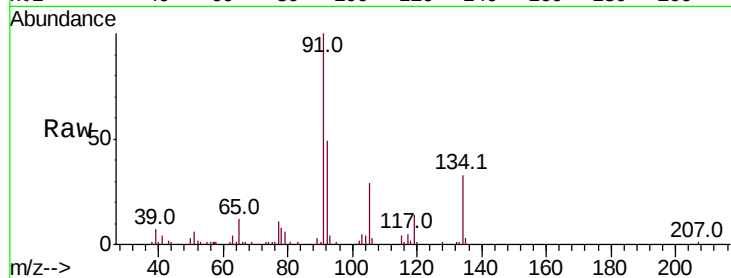




#89
n-Butylbenzene
Concen: 7.411 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

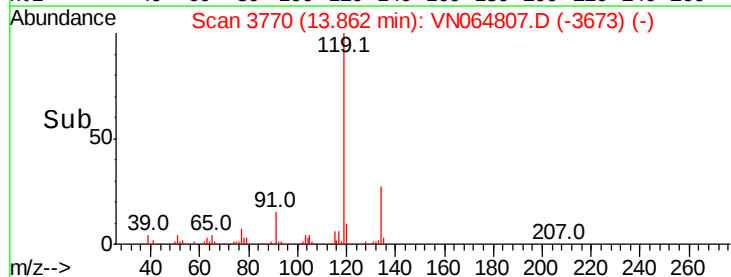
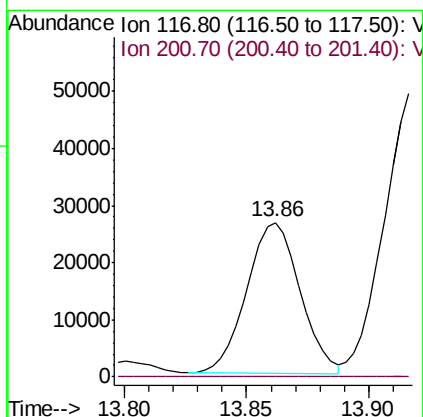
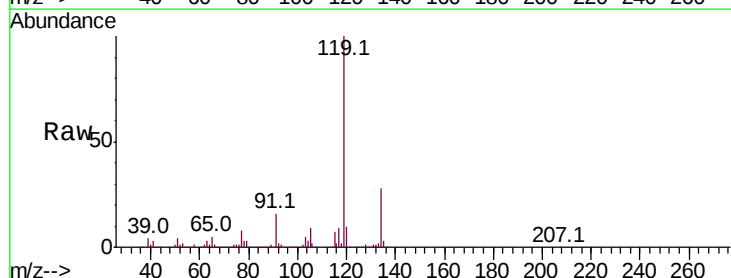
Instrument :
MSVOA_N
ClientSampled :
MW-2

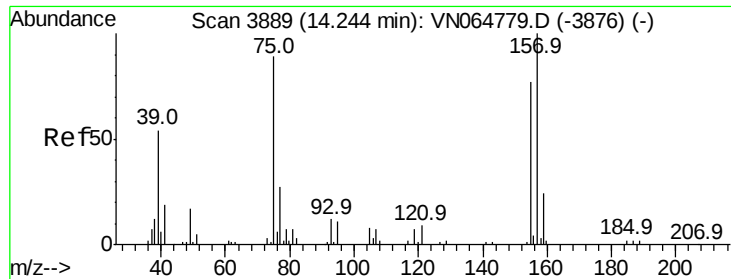
Tot Ion: 91 Resp: 64340
Ion Ratio Lower Upper
91 100
92 40.9 26.0 78.0
134 0.0 12.9 38.6#



#90
Hexachloroethane
Concen: 23.278 ug/l
RT: 13.86 min Scan# 3770
Delta R.T. 0.01 min
Lab File: VN064807.D
Acq: 24 Nov 2020 13:50

Tgt Ion: 117 Resp: 39976
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.774 ug/l

RT: 14.22 min Scan# 3882

Delta R.T. -0.02 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

MW-2

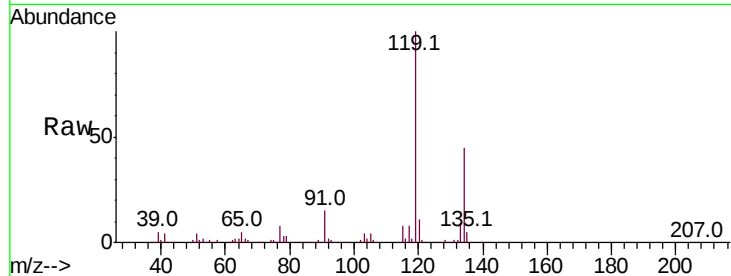
Tot Ion: 75 Resp: 1373

Ion Ratio Lower Upper

75 100

155 0.0 42.8 128.3#

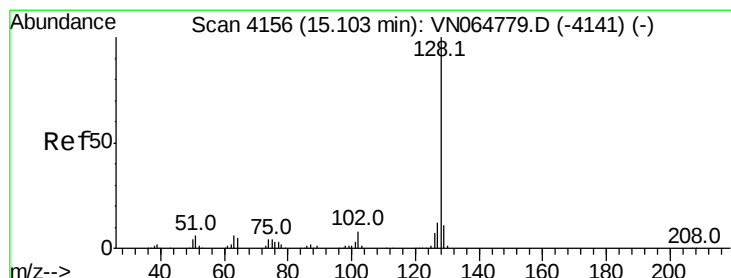
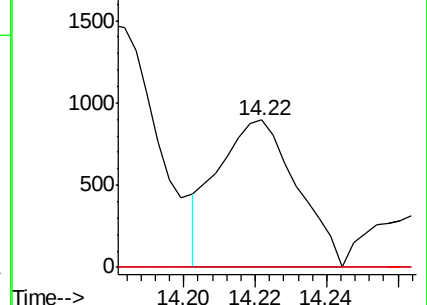
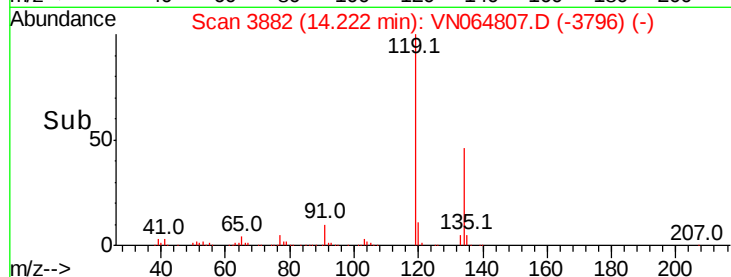
157 0.0 56.4 169.1#



Abundance Ion 74.90 (74.60 to 75.60): VN064807.D (-3796) (-)

Ion 154.80 (154.50 to 155.50): VN064807.D (-3796) (-)

Ion 156.80 (156.50 to 157.50): VN064807.D (-3796) (-)



#95

Naphthalene

Concen: 51.128 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064807.D

Acq: 24 Nov 2020 13:50

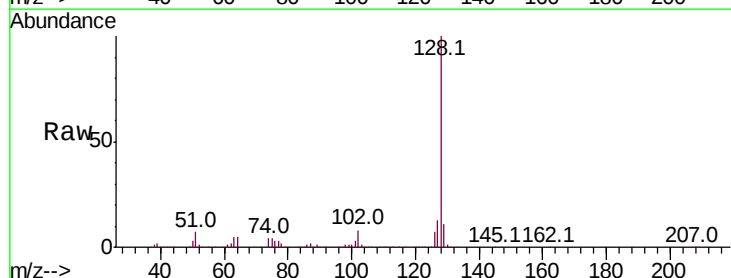
Tgt Ion: 128 Resp: 523097

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VN064807.D (-4063) (-)

Ion 127.00 (126.70 to 127.70): VN064807.D (-4063) (-)

Ion 129.00 (128.70 to 129.70): VN064807.D (-4063) (-)

