

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063479.D
 Acq On : 21 Sep 2020 12:34
 Operator : JC/MD
 Sample : VN0921MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921MBS01

Quant Time: Sep 22 02:22:54 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	7.62	168	281425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	477316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	443616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213041	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	241348	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
35) Dibromofluoromethane	7.55	113	168723	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
50) Toluene-d8	10.06	98	638140	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.38	95	245591	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	57273	17.964	ug/l	97
3) Chloromethane	2.04	50	69004	16.360	ug/l	100
4) Vinyl Chloride	2.16	62	67623	18.096	ug/l	99
5) Bromomethane	2.53	94	45524	20.518	ug/l	98
6) Chloroethane	2.67	64	39771	17.338	ug/l	95
7) Trichlorofluoromethane	2.98	101	107246	19.236	ug/l	98
8) Diethyl Ether	3.37	74	40162	18.479	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	56703	18.084	ug/l	96
10) Methyl Iodide	3.91	142	73073	17.900	ug/l	98
11) Tert butyl alcohol	4.73	59	63868	96.235	ug/l	98
12) 1,1-Dichloroethene	3.69	96	55539	17.488	ug/l	99
13) Acrolein	3.57	56	23084	93.858	ug/l	100
14) Allyl chloride	4.28	41	109305	17.400	ug/l	98
15) Acrylonitrile	4.93	53	155621	92.184	ug/l	99
16) Acetone	3.77	43	139160	90.386	ug/l	100
17) Carbon Disulfide	4.01	76	154582	16.734	ug/l	98
18) Methyl Acetate	4.28	43	77720	19.885	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	216541	18.294	ug/l	97
20) Methylene Chloride	4.50	84	68457	17.549	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	61829	17.572	ug/l	95
22) Diisopropyl ether	5.90	45	225188	17.577	ug/l	96
23) Vinyl Acetate	5.84	43	960970	91.330	ug/l	100
24) 1,1-Dichloroethane	5.80	63	124577	17.810	ug/l	99
25) 2-Butanone	6.78	43	221729	93.640	ug/l	96
26) 2,2-Dichloropropane	6.78	77	109641	17.803	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	74853	18.795	ug/l	99
28) Bromochloromethane	7.15	49	57664	17.855	ug/l	95
29) Tetrahydrofuran	7.16	42	146740	90.736	ug/l	99
30) Chloroform	7.33	83	126843	18.075	ug/l	97
31) Cyclohexane	7.61	56	111670	16.878	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	113025	18.108	ug/l	99
36) 1,1-Dichloropropene	7.75	75	91715	18.036	ug/l	98
37) Ethyl Acetate	6.88	43	96187	19.273	ug/l	99
38) Carbon Tetrachloride	7.73	117	96592	18.608	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	100424	18.196	ug/l	99
40) Benzene	8.00	78	271047	18.672	ug/l	99
41) Methacrylonitrile	7.16	41	143508	63.932	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	112294	19.236	ug/l	100
43) Isopropyl Acetate	8.13	43	165330	18.526	ug/l	99
44) Trichloroethene	8.80	130	66381	18.854	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75444	19.082	ug/l	98
46) Dibromomethane	9.17	93	50209	19.322	ug/l	99
47) Bromodichloromethane	9.37	83	104549	19.367	ug/l	100
48) Methyl methacrylate	9.16	41	82140	18.734	ug/l	99
49) 1,4-Dioxane	9.16	88	25738	409.059	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	490165	98.111	ug/l	99
52) Toluene	10.12	92	170362	19.520	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	111988	18.582	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	120087	18.891	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	69614	20.081	ug/l	98
56) Ethyl methacrylate	10.40	69	101085	18.678	ug/l	98
57) 1,3-Dichloropropane	10.68	76	117876	18.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	261554	92.131	ug/l	96
59) 2-Hexanone	10.72	43	357012	98.636	ug/l	100
60) Dibromochloromethane	10.87	129	74583	19.044	ug/l	97
61) 1,2-Dibromoethane	10.98	107	70296	19.518	ug/l	100
64) Tetrachloroethene	10.60	164	62382	20.651	ug/l	96
65) Chlorobenzene	11.41	112	176190	18.710	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	66403	19.237	ug/l	98
67) Ethyl Benzene	11.48	91	330740	18.651	ug/l	99
68) m/p-Xylenes	11.59	106	242781	37.971	ug/l	98
69) o-Xylene	11.92	106	117836	19.347	ug/l	98
70) Styrene	11.94	104	193034	18.899	ug/l	99
71) Bromoform	12.10	173	49462	19.235	ug/l #	99
73) Isopropylbenzene	12.22	105	308967	18.098	ug/l	99
74) N-amyl acetate	12.04	43	142491	17.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	98291	18.595	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	135494	25.696	ug/l #	100
77) Bromobenzene	12.50	156	74476	19.394	ug/l	95
78) n-propylbenzene	12.57	91	365195	18.366	ug/l	100
79) 2-Chlorotoluene	12.65	91	220035	18.460	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	266119	18.694	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	33973	17.664	ug/l	98
82) 4-Chlorotoluene	12.75	91	229248	18.203	ug/l	98
83) tert-Butylbenzene	12.97	119	215923	18.377	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	269802	18.763	ug/l	99
85) sec-Butylbenzene	13.15	105	287711	18.294	ug/l	99
86) p-Isopropyltoluene	13.26	119	260347	18.768	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	135541	19.043	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	135633	18.743	ug/l	98
89) n-Butylbenzene	13.59	91	239726	18.749	ug/l	98
90) Hexachloroethane	13.85	117	46560	17.627	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	130928	18.736	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23358	18.557	ug/l	98

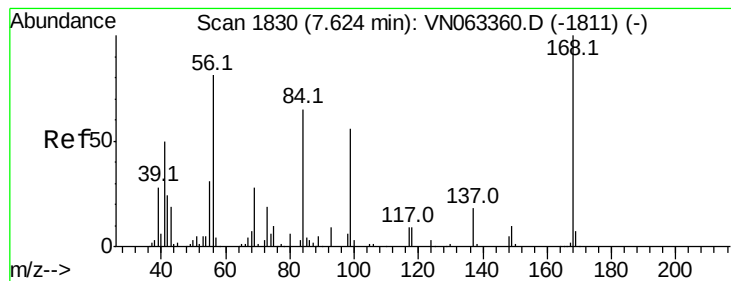
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	77372	18.781	ug/l	99
94) Hexachlorobutadiene	14.98	225	35982	21.098	ug/l	99
95) Naphthalene	15.10	128	253451	18.622	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	75187	18.889	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

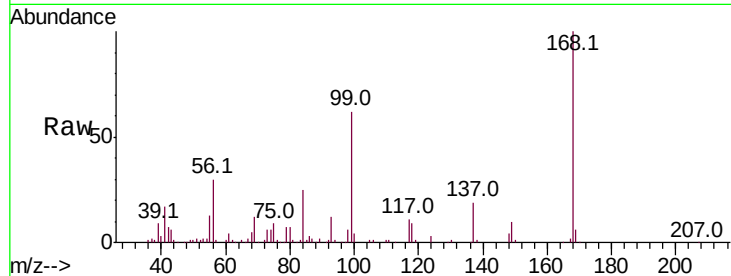
VN0921MBS01

Tot Ion:168 Resp: 281425

Ion Ratio Lower Upper

168 100

99 61.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

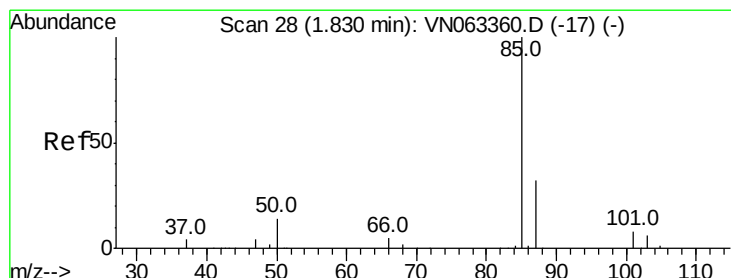
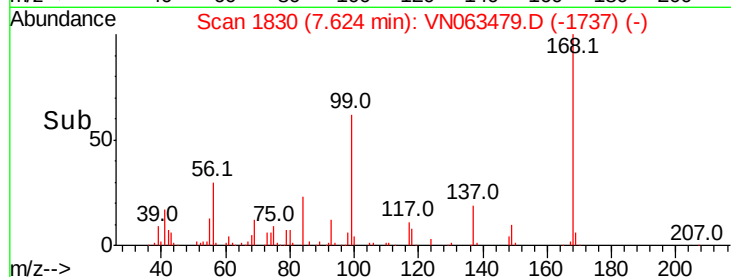
100000

50000

0

Time-->

7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.964 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063479.D

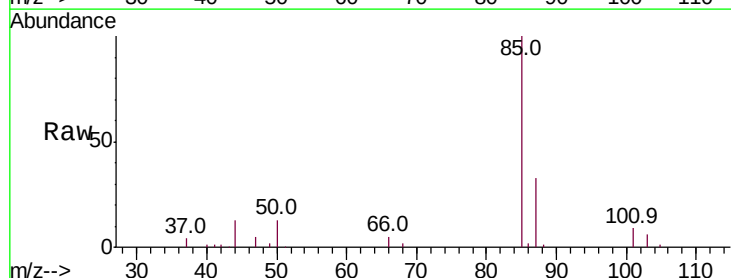
Acq: 21 Sep 2020 12:34

Tgt Ion: 85 Resp: 57273

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

50000

40000

30000

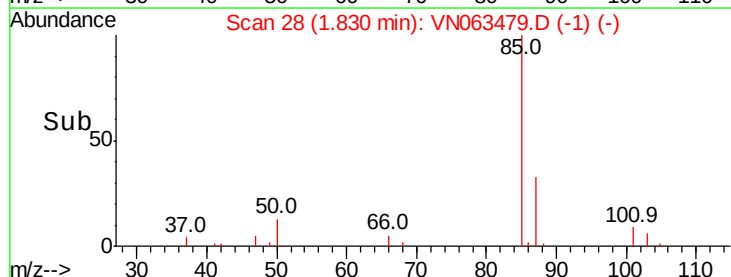
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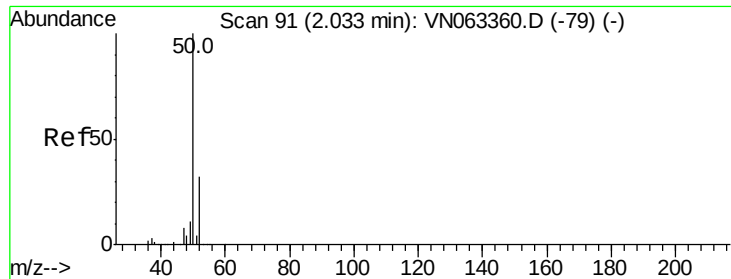
10000

0

Time-->

1.80 1.85 1.90





#3

Chloromethane

Concen: 16.360 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

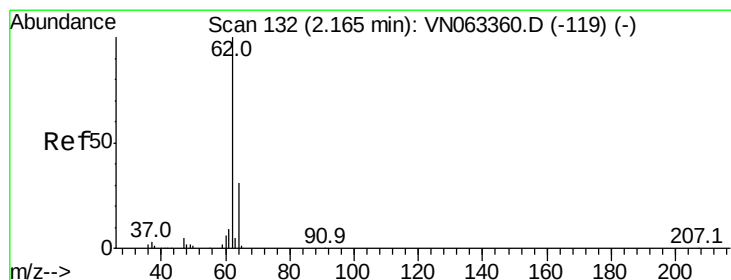
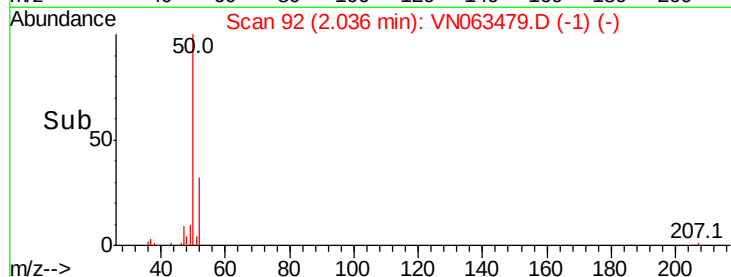
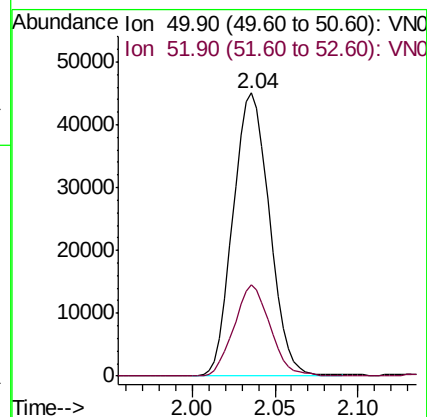
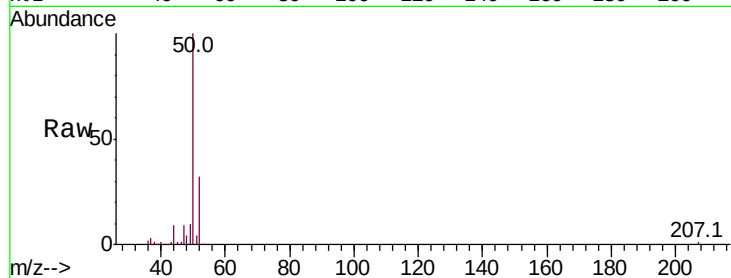
VN0921MBS01

Tot Ion: 50 Resp: 69004

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



#4

Vinyl Chloride

Concen: 18.096 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063479.D

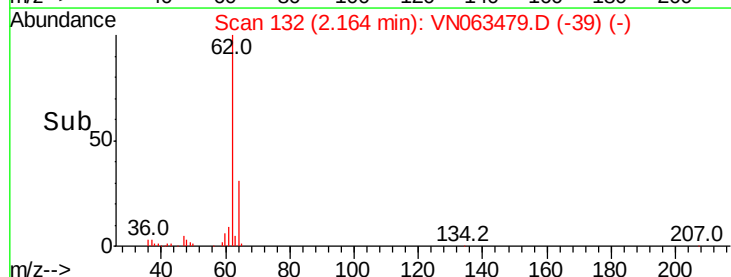
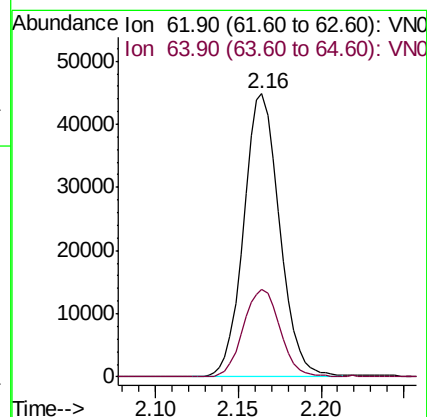
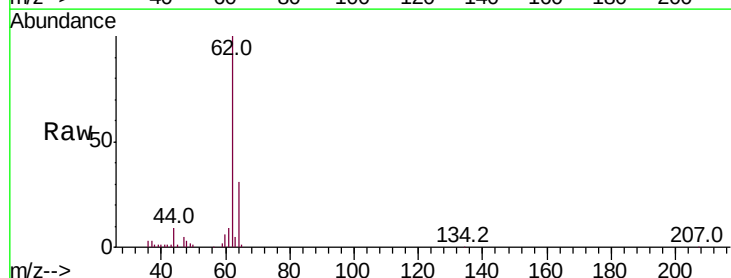
Acq: 21 Sep 2020 12:34

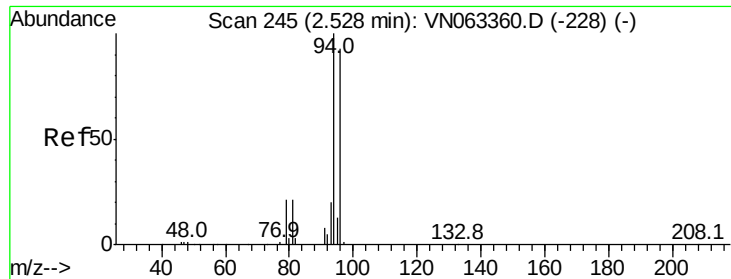
Tgt Ion: 62 Resp: 67623

Ion Ratio Lower Upper

62 100

64 30.7 25.1 37.7





#5

Bromomethane

Concen: 20.518 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

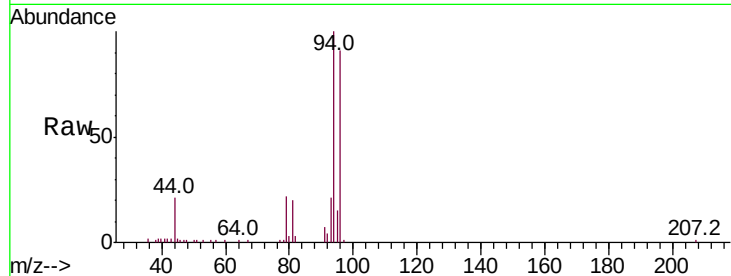
VN0921MBS01

Tot Ion: 94 Resp: 45524

Ion Ratio Lower Upper

94 100

96 91.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

25000

20000

15000

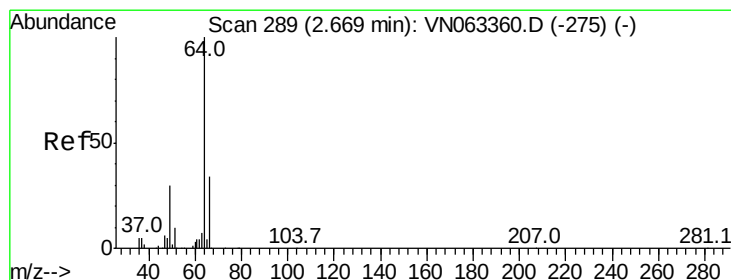
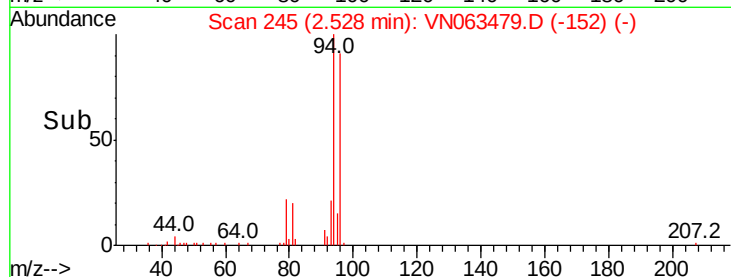
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5000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 17.338 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063479.D

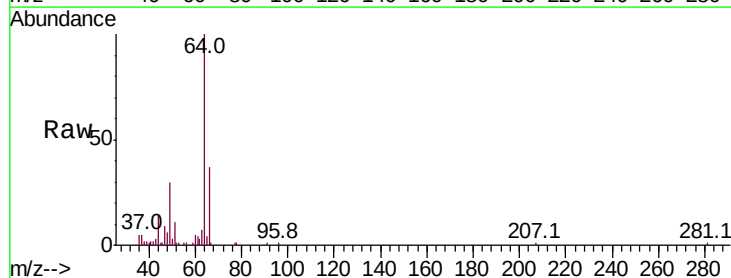
Acq: 21 Sep 2020 12:34

Tgt Ion: 64 Resp: 39771

Ion Ratio Lower Upper

64 100

66 36.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

20000

15000

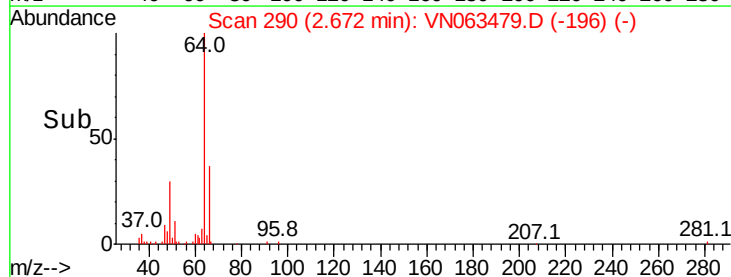
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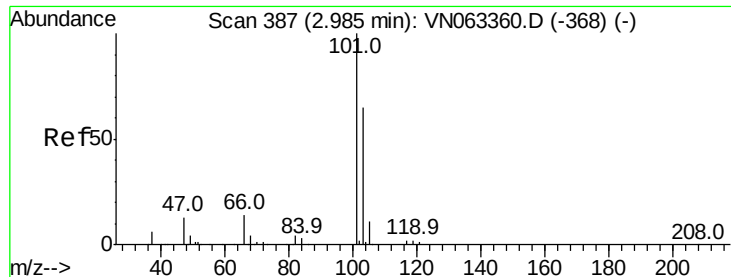
5000

0

2.60 2.65 2.70 2.75

Time-->



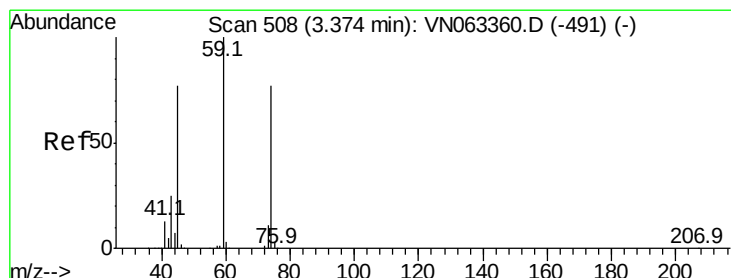
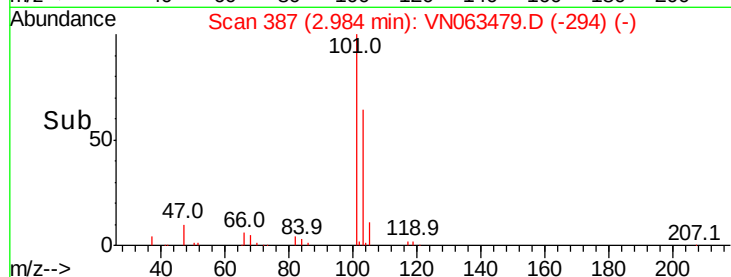
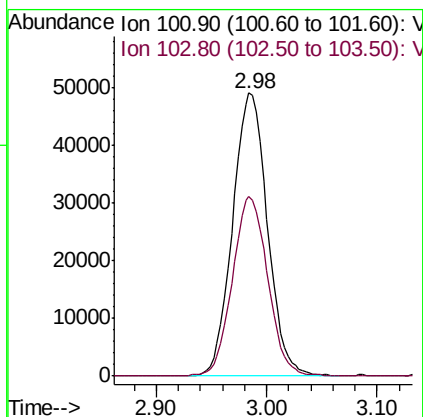
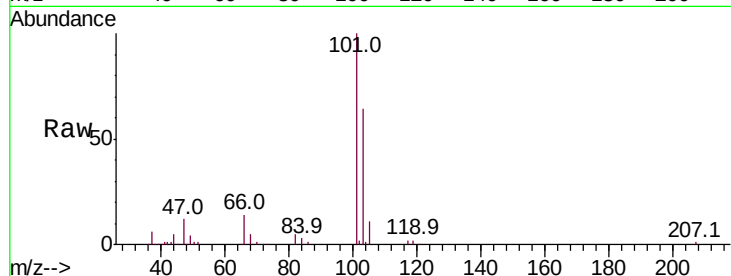


#7

Trichlorofluoromethane
Concen: 19.236 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Instrument :
MSVOA_N
ClientSampled :
VN0921MBS01

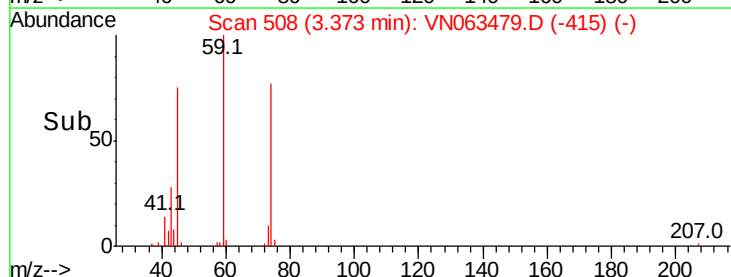
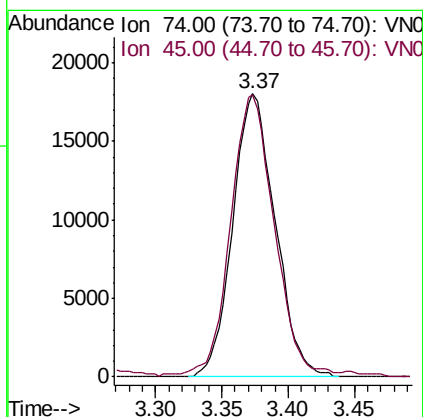
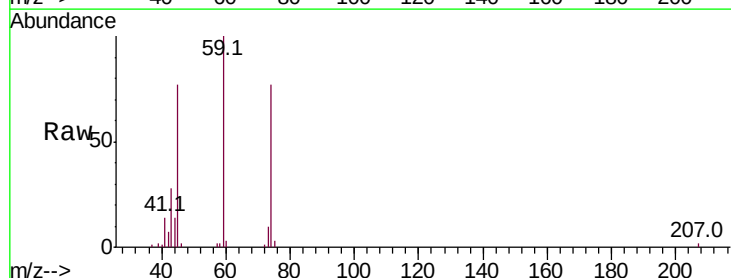
Tot Ion:101 Resp: 107246
Ion Ratio Lower Upper
101 100
103 63.6 52.3 78.5

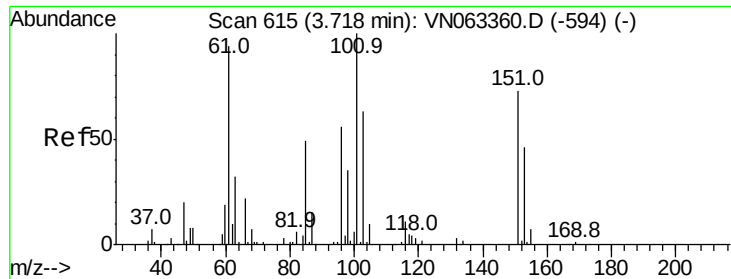


#8

Diethyl Ether
Concen: 18.479 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion: 74 Resp: 40162
Ion Ratio Lower Upper
74 100
45 103.0 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.084 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBS01

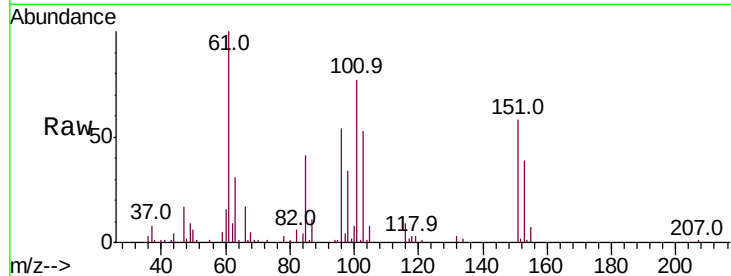
Tot Ion:101 Resp: 56703

Ion Ratio Lower Upper

101 100

85 49.4 37.7 56.5

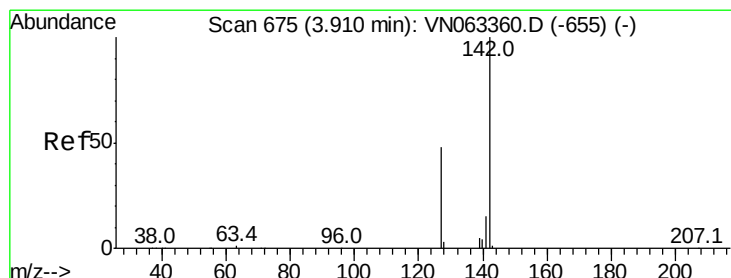
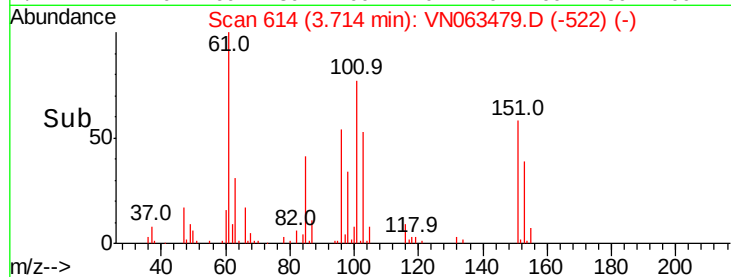
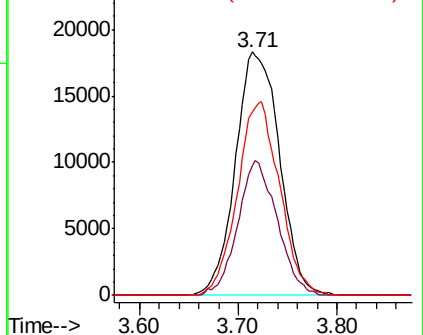
151 75.8 57.7 86.5



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: 17.900 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

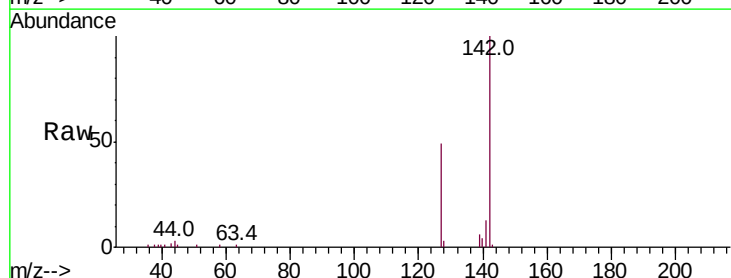
Tgt Ion:142 Resp: 73073

Ion Ratio Lower Upper

142 100

127 50.4 39.0 58.6

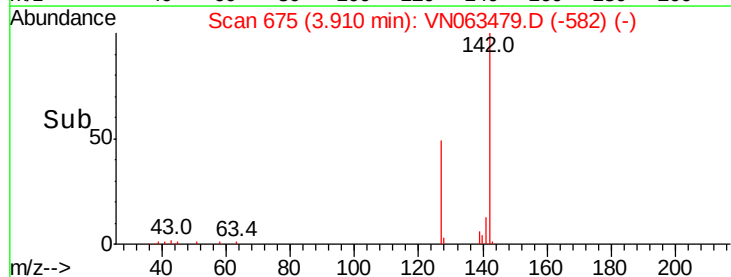
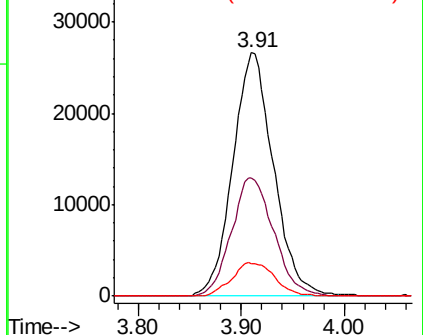
141 14.3 11.6 17.4

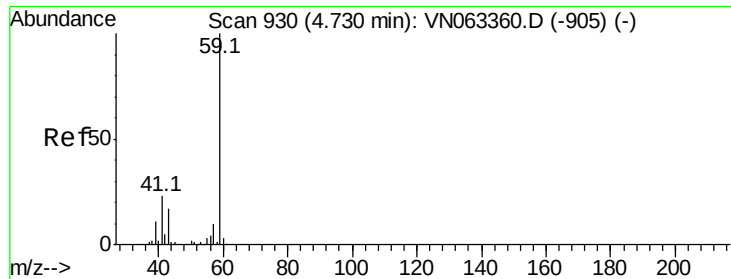


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



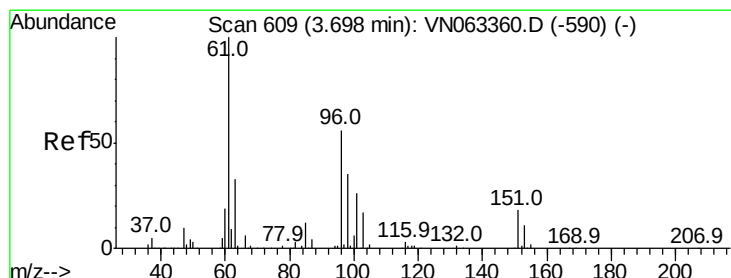
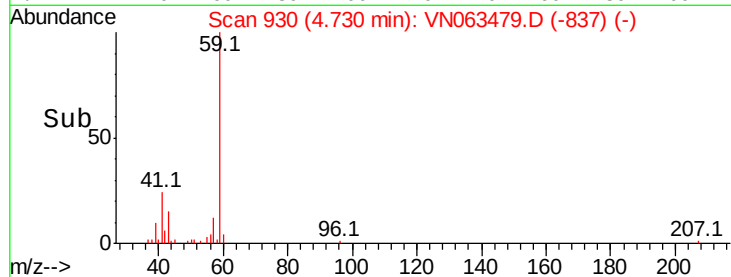
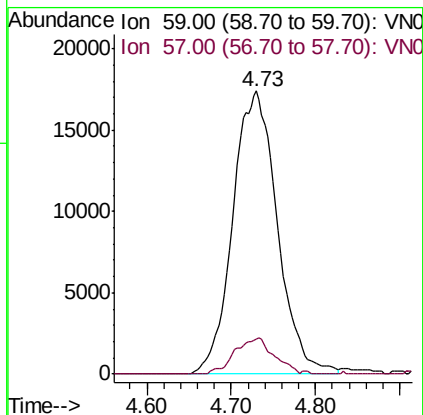
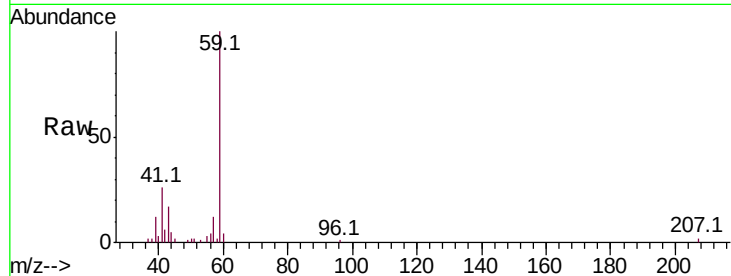


#11

Tert butyl alcohol
Concen: 96.235 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

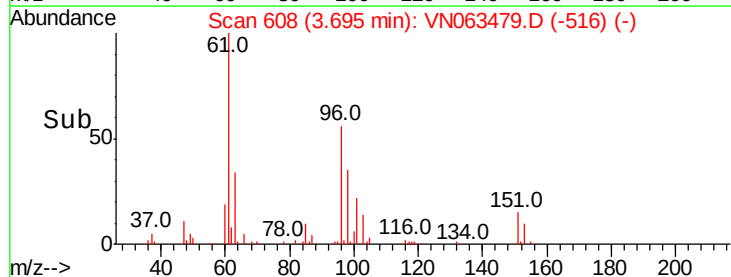
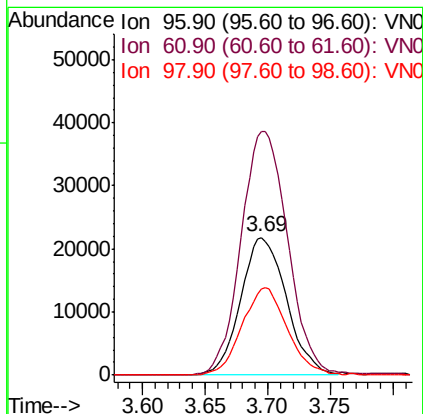
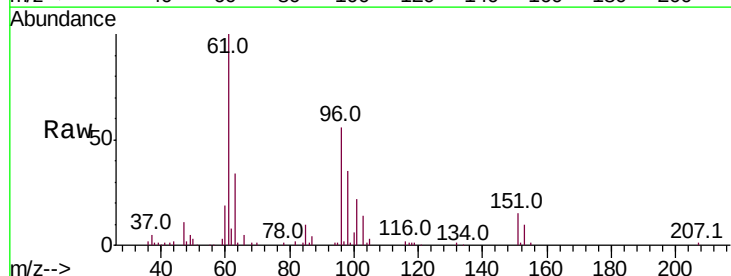
Tot Ion: 59 Resp: 63868
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6

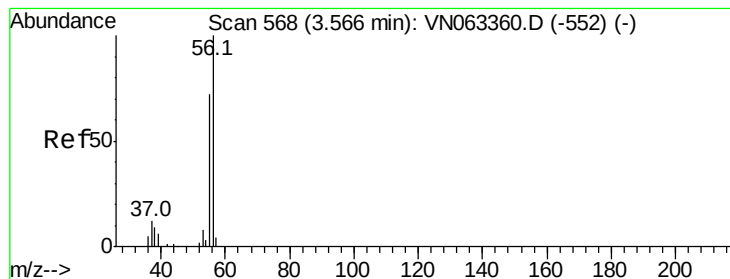


#12

1,1-Dichloroethene
Concen: 17.488 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion: 96 Resp: 55539
Ion Ratio Lower Upper
96 100
61 177.0 143.4 215.2
98 62.7 50.6 76.0





#13

Acrolein

Concen: 93.858 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

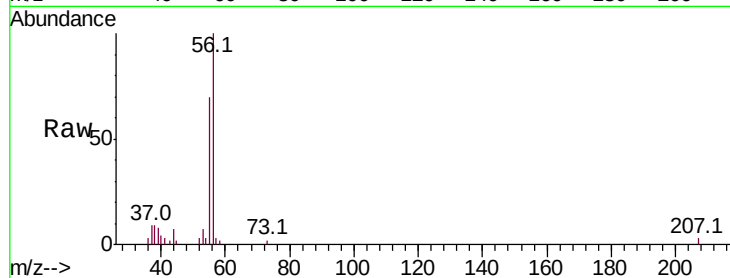
VN0921MBS01

Tot Ion: 56 Resp: 23084

Ion Ratio Lower Upper

56 100

55 72.7 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.57

10000

8000

6000

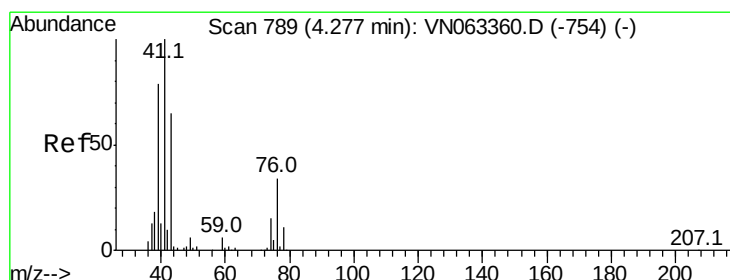
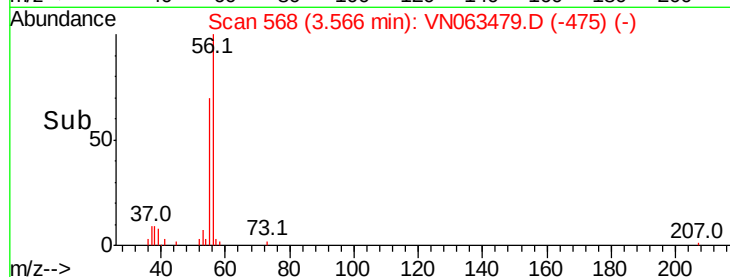
4000

2000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 17.400 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

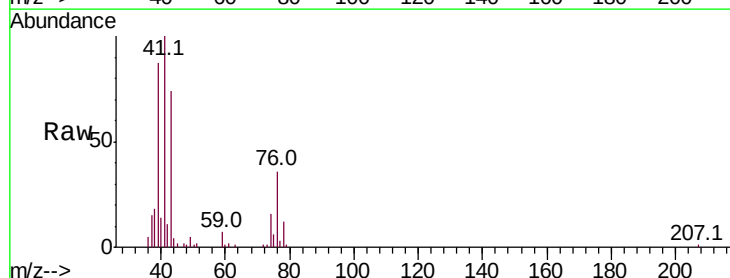
Tgt Ion: 41 Resp: 109305

Ion Ratio Lower Upper

41 100

39 76.6 59.3 88.9

76 32.1 25.3 37.9



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

4.28

40000

30000

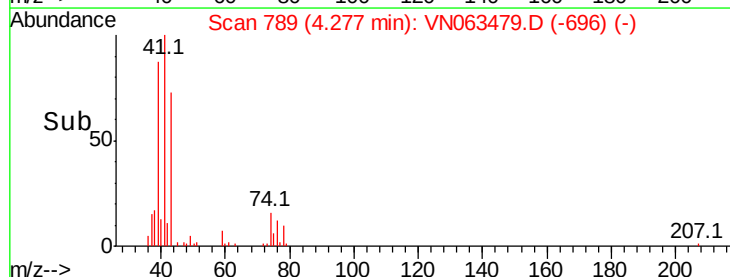
20000

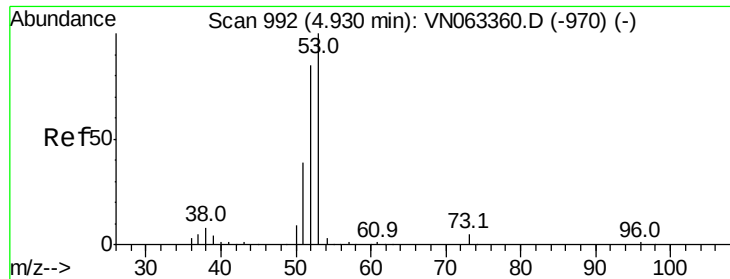
10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 92.184 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBS01

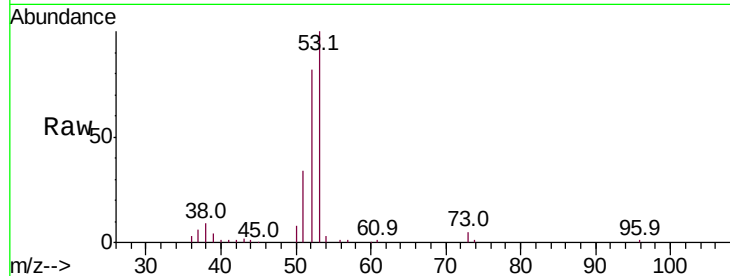
Tot Ion: 53 Resp: 155621

Ion Ratio Lower Upper

53 100

52 84.3 66.4 99.6

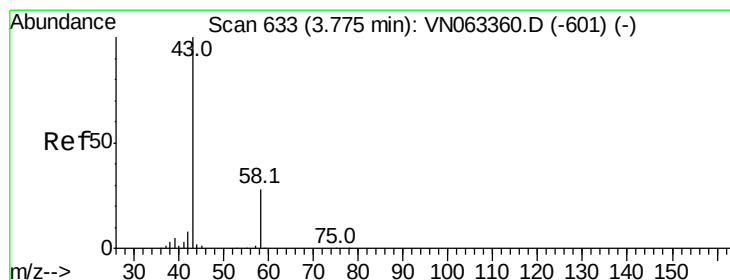
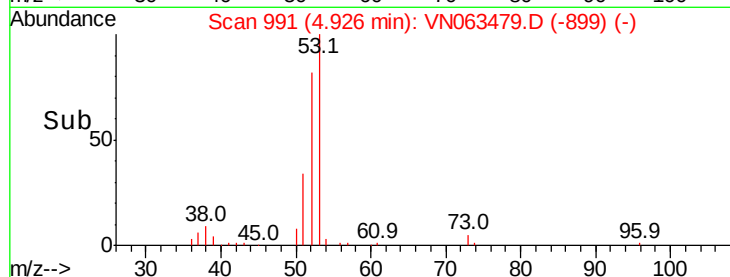
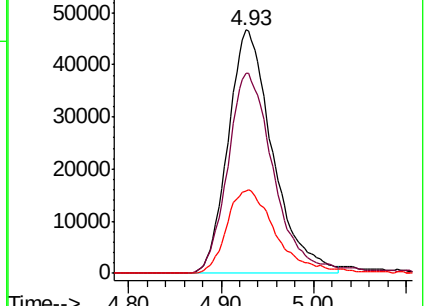
51 37.2 30.2 45.4



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: 90.386 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063479.D

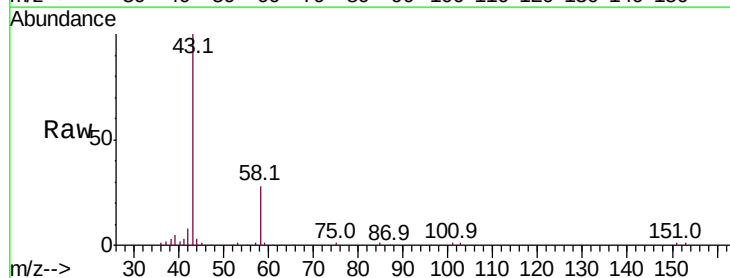
Acq: 21 Sep 2020 12:34

Tgt Ion: 43 Resp: 139160

Ion Ratio Lower Upper

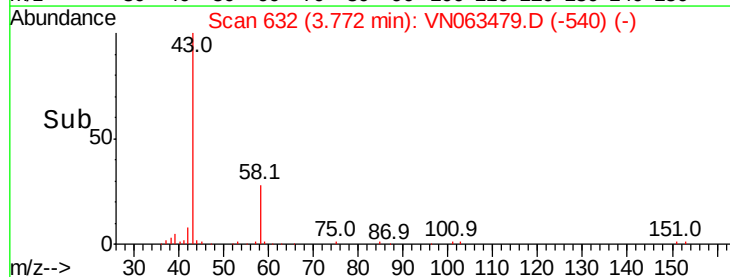
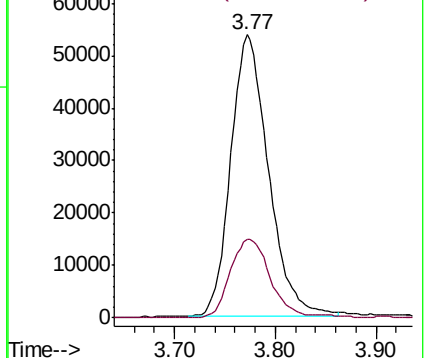
43 100

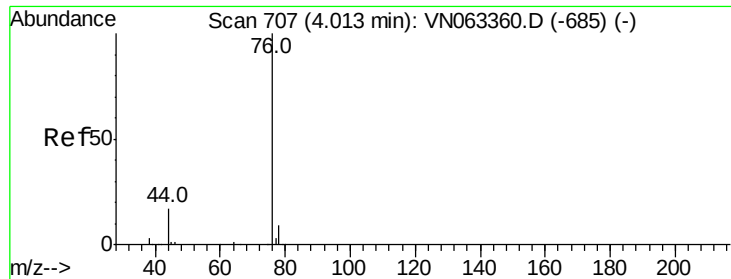
58 27.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

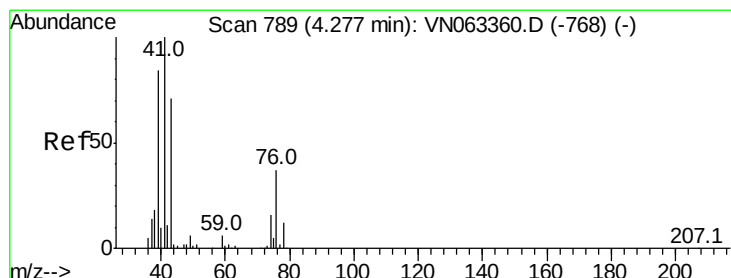
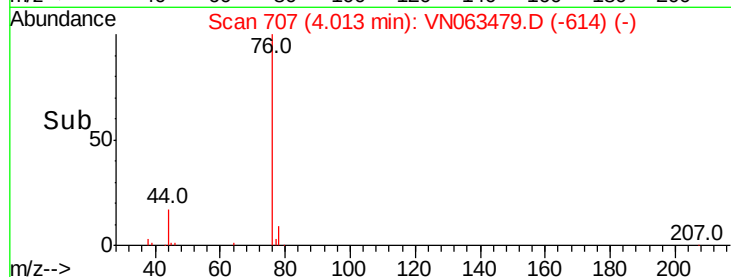
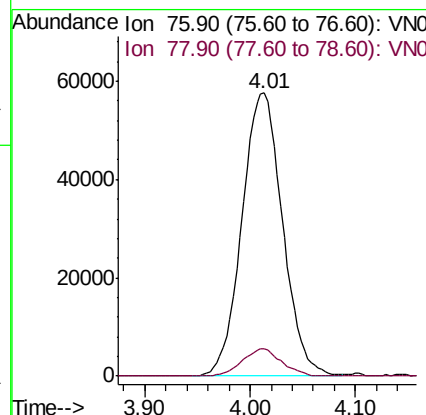
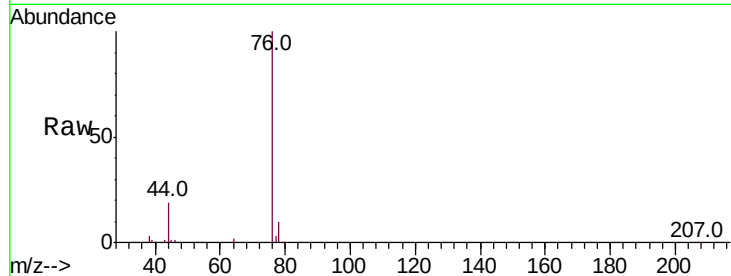




#17
Carbon Disulfide
Concen: 16.734 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

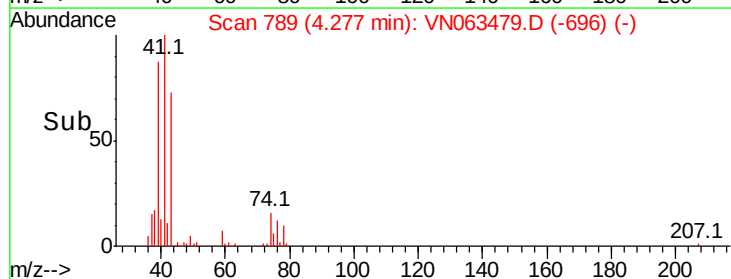
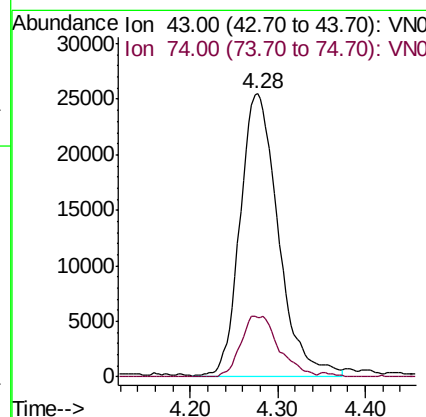
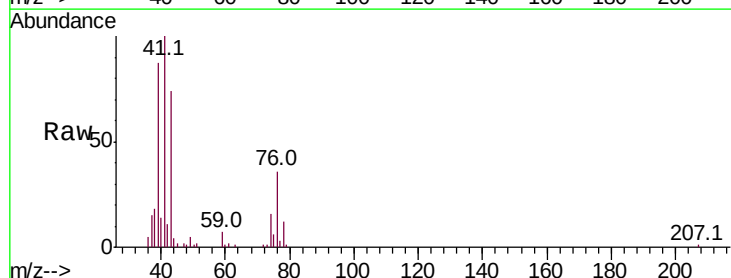
Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

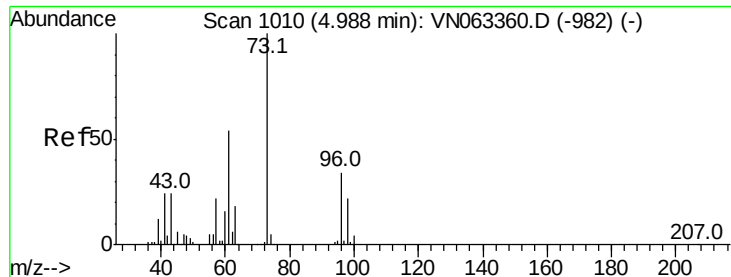
Tot Ion: 76 Resp: 154582
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 19.885 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion: 43 Resp: 77720
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.2

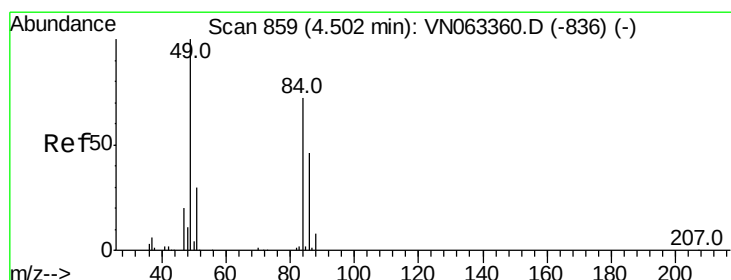
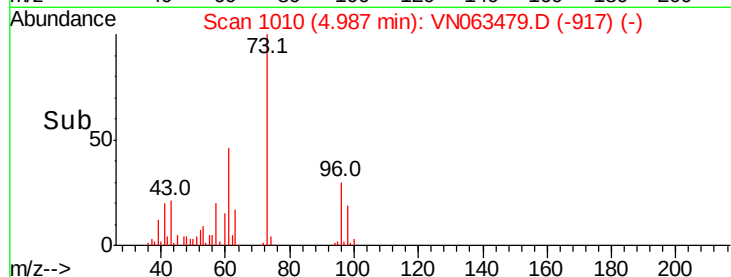
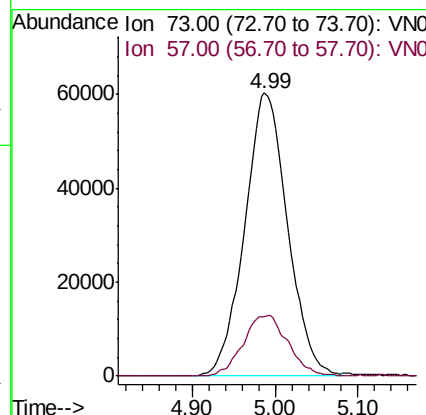
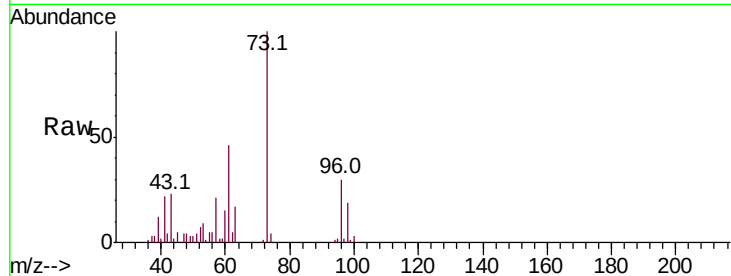




#19
Methvl tert-butyl Ether
Concen: 18.294 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

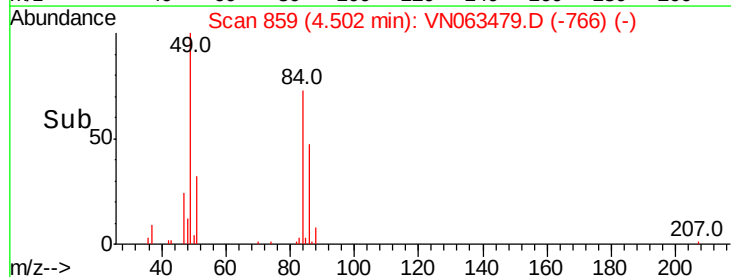
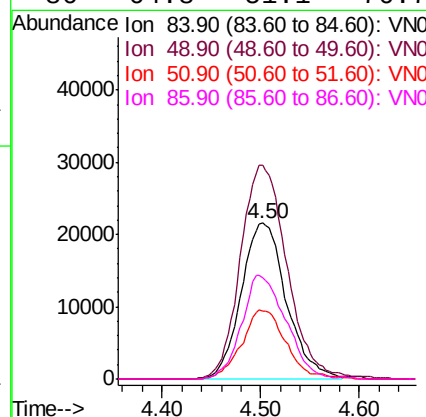
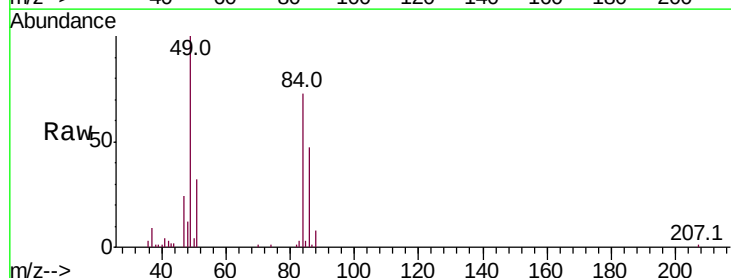
Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

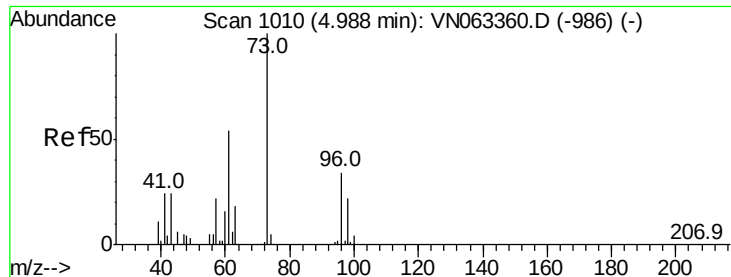
Tot Ion: 73 Resp: 216541
Ion Ratio Lower Upper
73 100
57 20.9 17.9 26.9



#20
Methylene Chloride
Concen: 17.549 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion: 84 Resp: 68457
Ion Ratio Lower Upper
84 100
49 137.0 110.7 166.1
51 43.8 32.9 49.3
86 64.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.572 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBS01

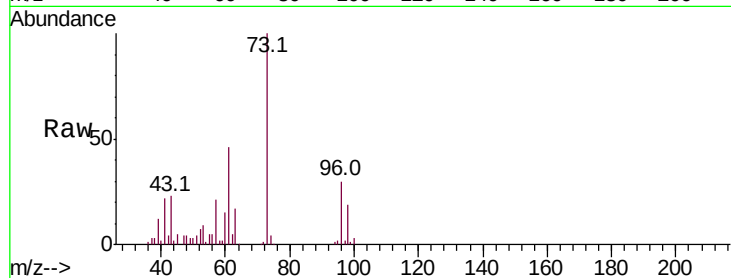
Tot Ion: 96 Resp: 61829

Ion Ratio Lower Upper

96 100

61 149.7 126.2 189.4

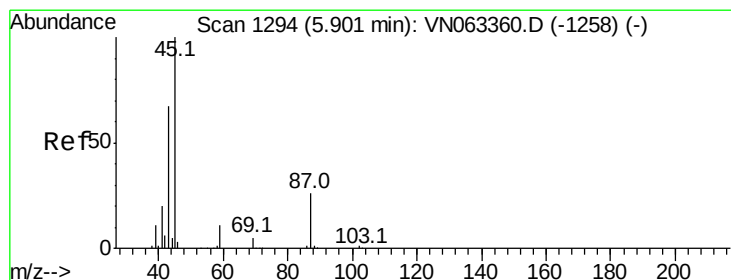
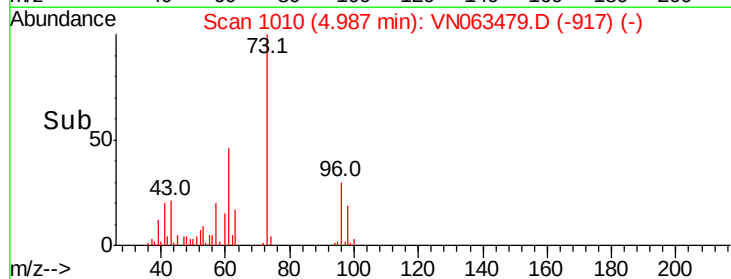
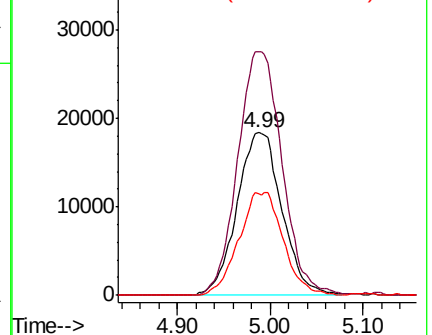
98 62.5 51.0 76.4



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: 17.577 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Tgt Ion: 45 Resp: 225188

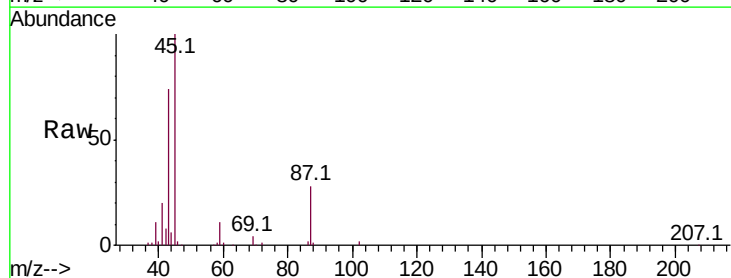
Ion Ratio Lower Upper

45 100

43 70.7 53.5 80.3

87 27.4 21.2 31.8

59 10.7 8.8 13.2

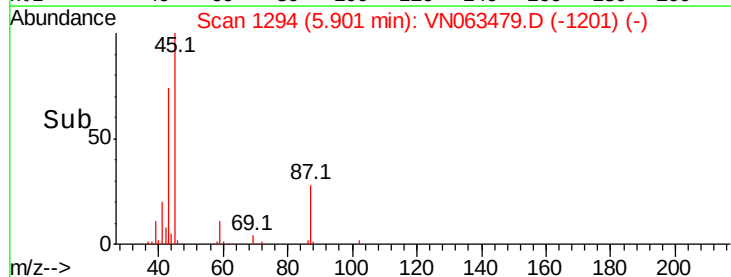
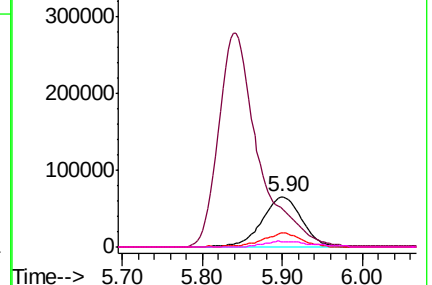


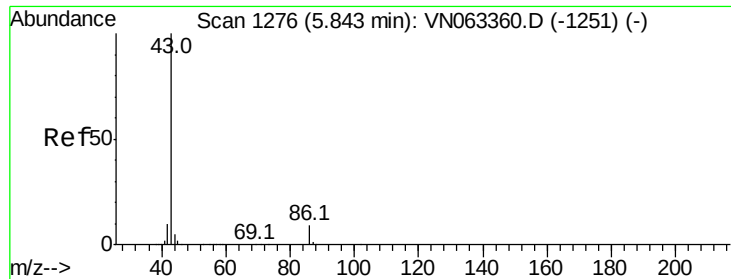
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 91.330 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampled :

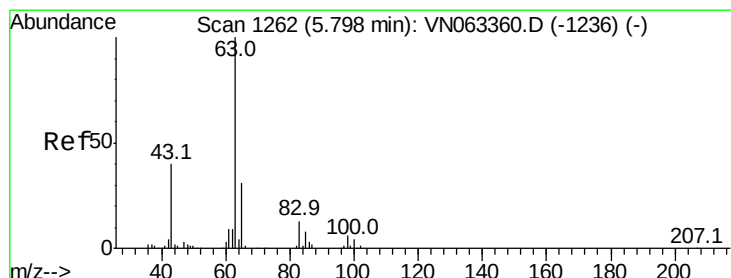
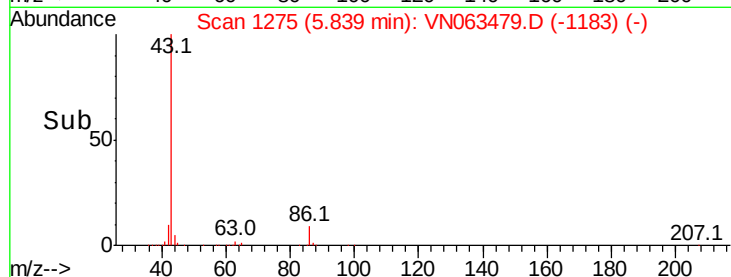
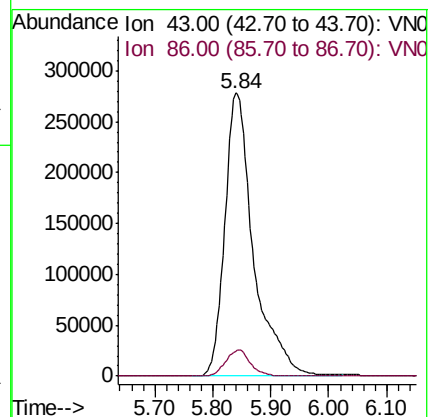
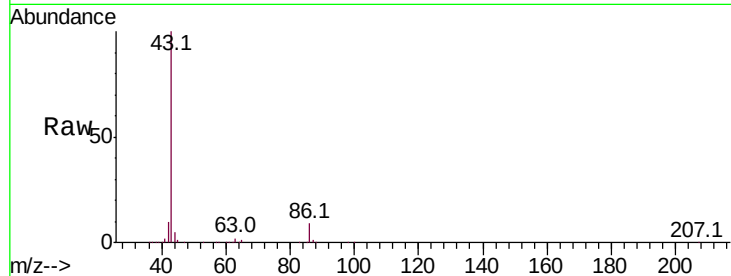
VN0921MBS01

Tot Ion: 43 Resp: 960970

Ion Ratio Lower Upper

43 100

86 8.8 7.1 10.7



#24

1,1-Dichloroethane

Concen: 17.810 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

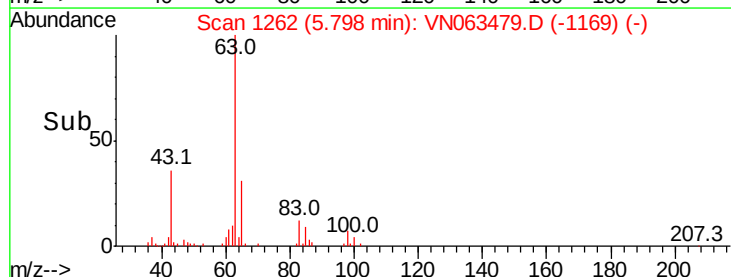
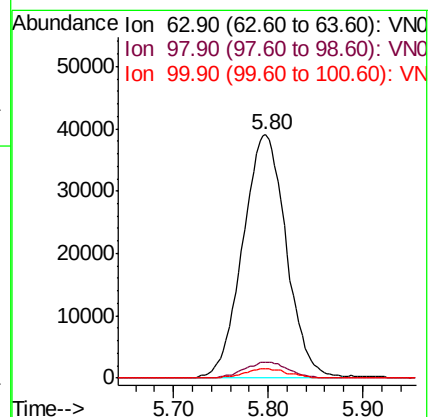
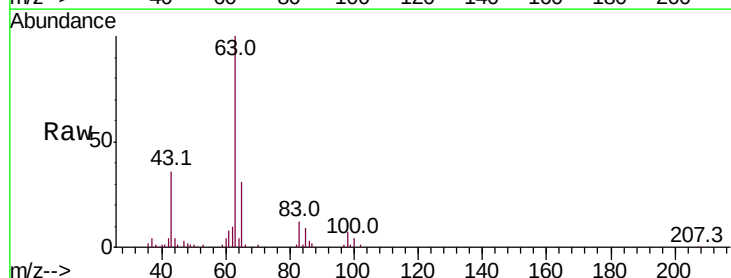
Tgt Ion: 63 Resp: 124577

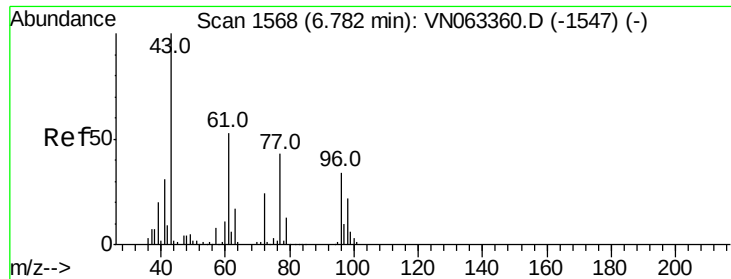
Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

100 4.1 2.1 6.3

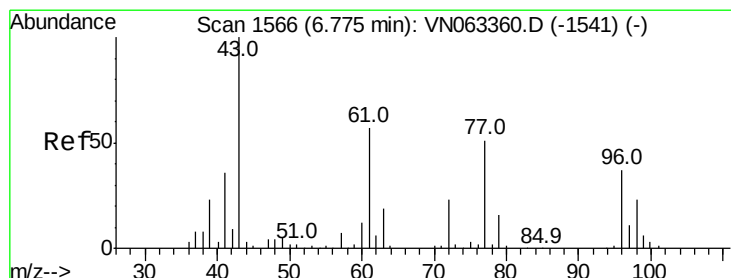
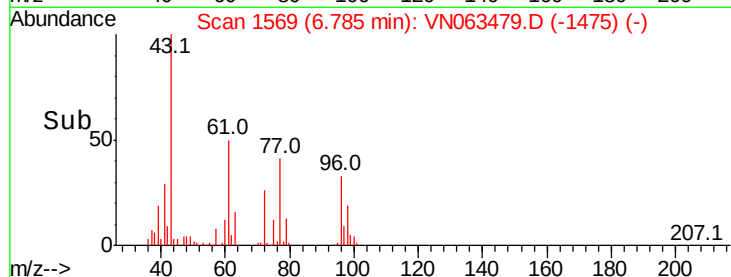
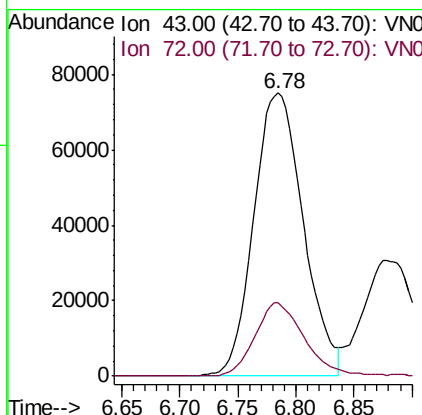
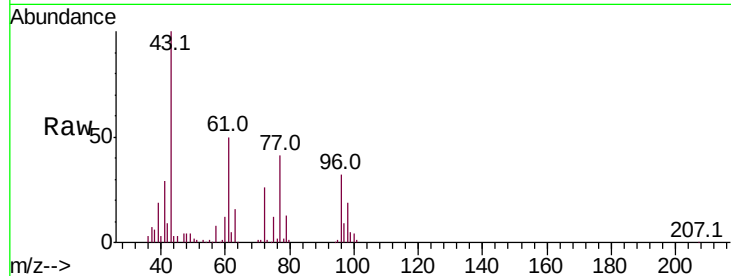




#25
2-Butanone
Concen: 93.640 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

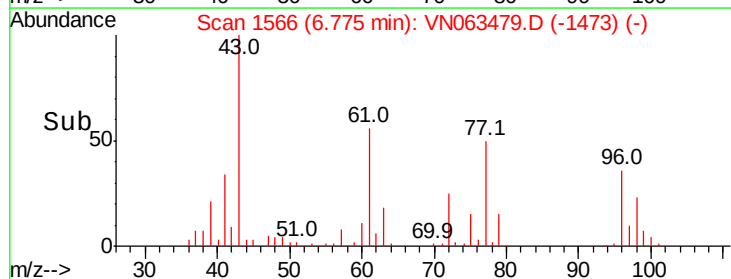
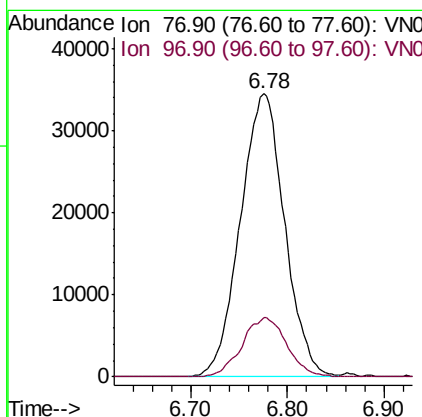
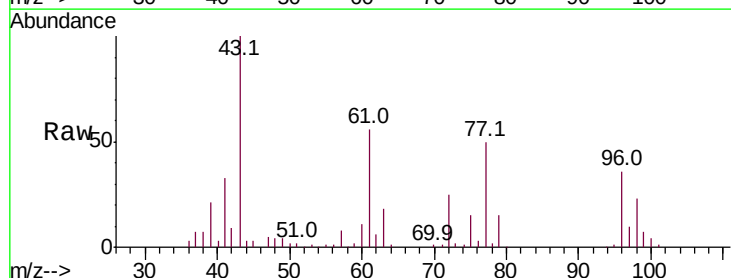
Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

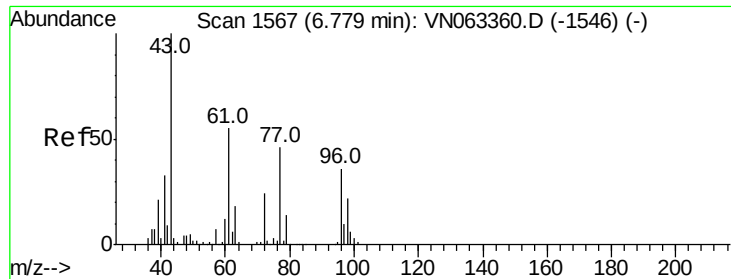
Tot Ion: 43 Resp: 221729
Ion Ratio Lower Upper
43 100
72 26.0 19.2 28.8



#26
2,2-Dichloropropane
Concen: 17.803 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion: 77 Resp: 109641
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.6

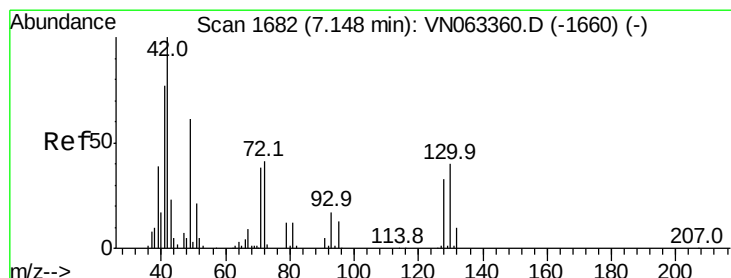
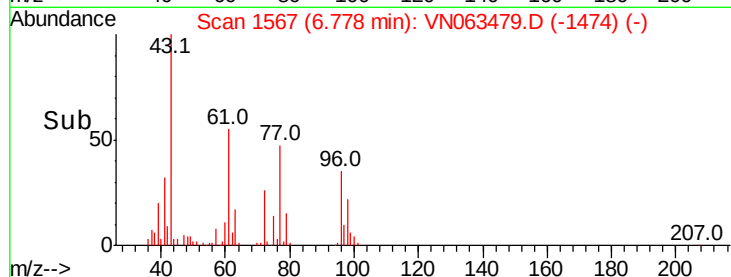
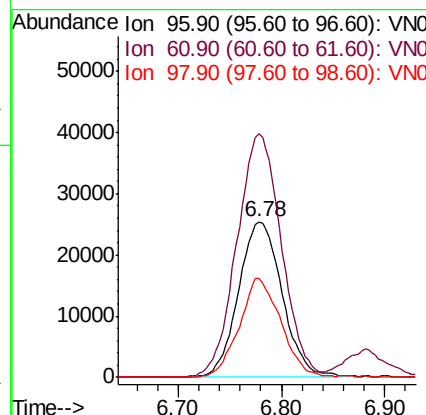
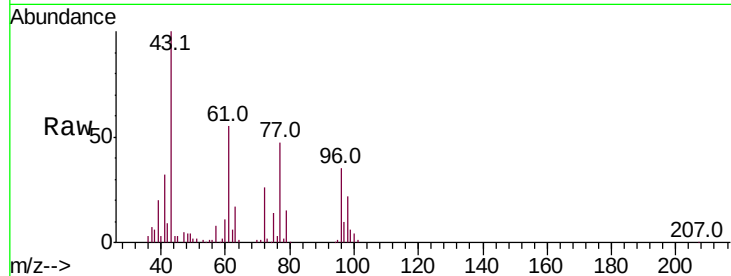




#27
 cis-1,2-Dichloroethene
 Concen: 18.795 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

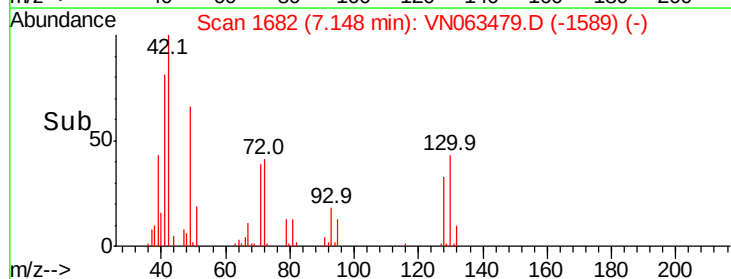
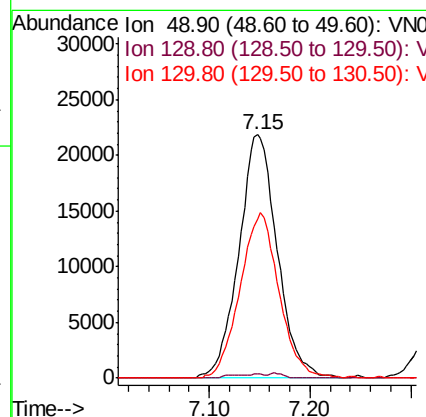
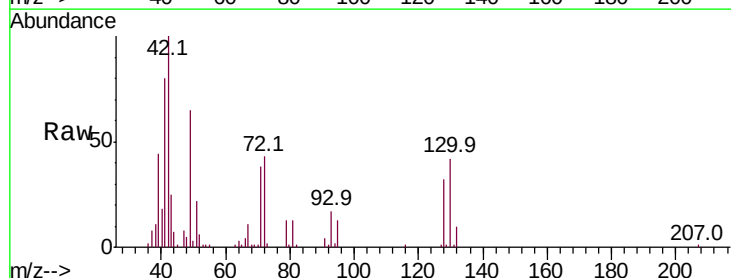
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921MBS01

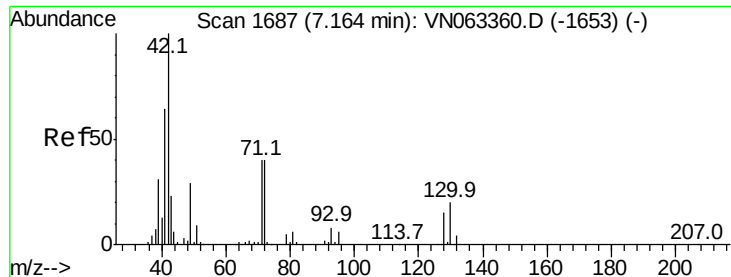
Tot Ion	Ratio	Lower	Upper
96	100		
61	159.2	0.0	319.6
98	60.6	0.0	127.8



#28
 Bromochloromethane
 Concen: 17.855 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.8
130	69.0	52.2	78.2





#29

Tetrahydrofuran

Concen: 90.736 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBS01

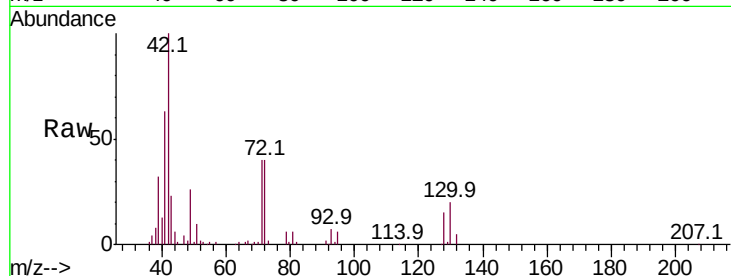
Tot Ion: 42 Resp: 146740

Ion Ratio Lower Upper

42 100

72 41.8 32.1 48.1

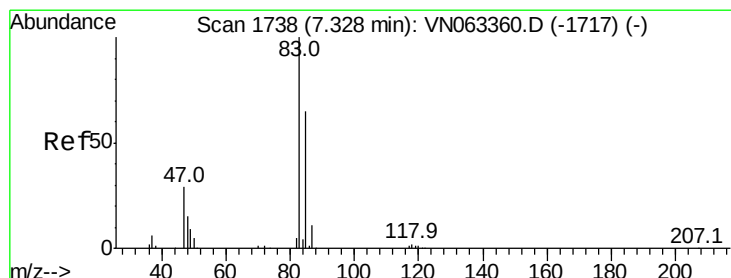
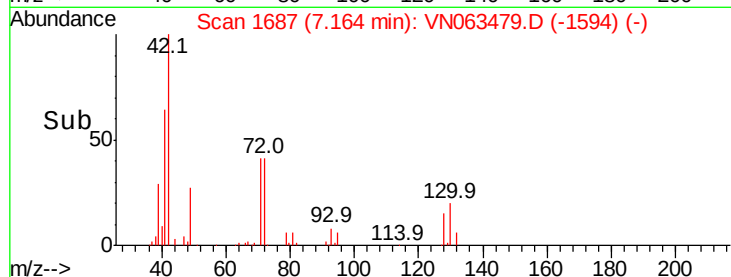
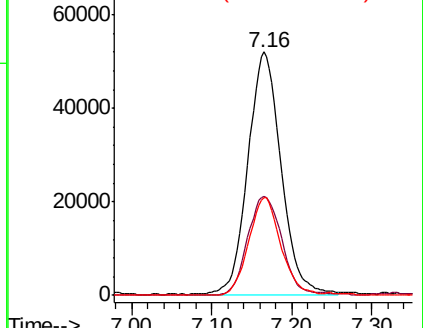
71 39.1 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.075 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063479.D

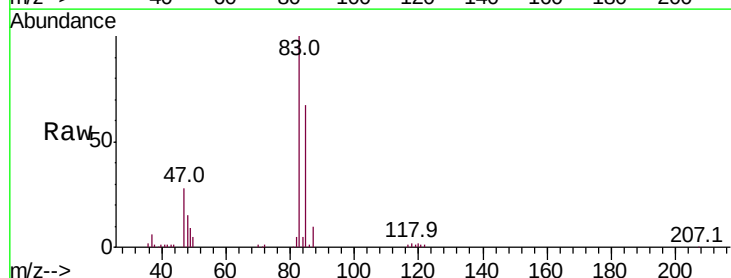
Acq: 21 Sep 2020 12:34

Tgt Ion: 83 Resp: 126843

Ion Ratio Lower Upper

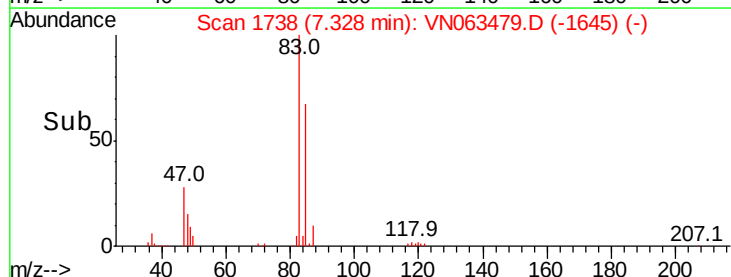
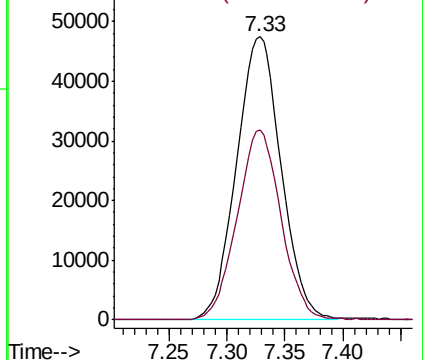
83 100

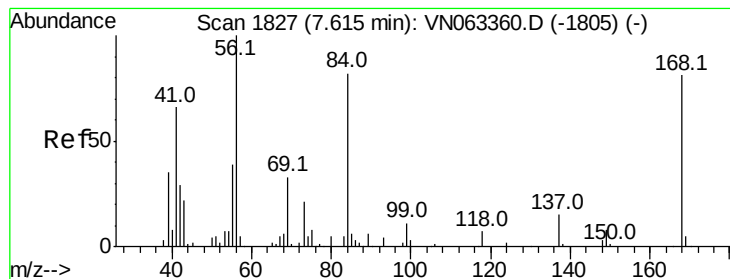
85 67.2 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 16.878 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBS01

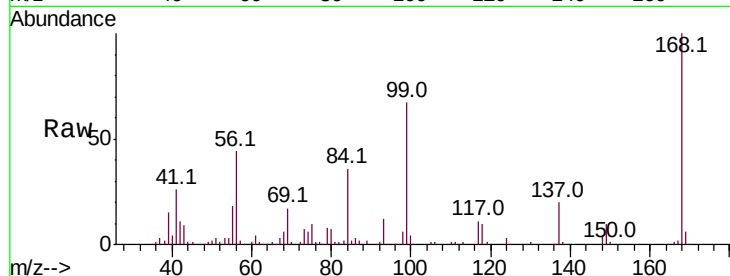
Tot Ion: 56 Resp: 111670

Ion Ratio Lower Upper

56 100

69 38.7 26.1 39.1

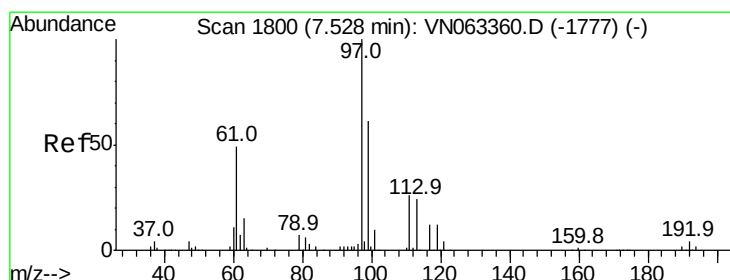
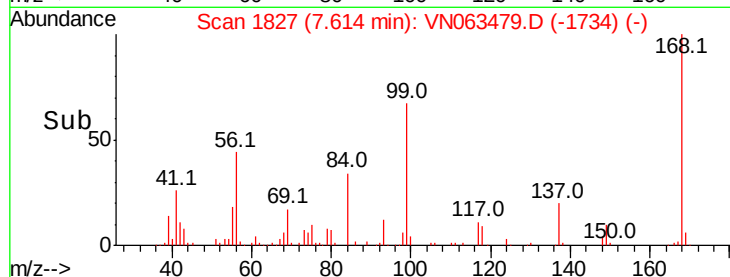
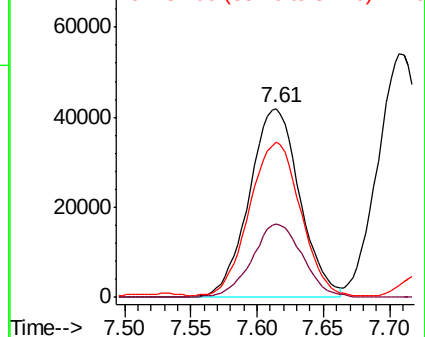
84 80.9 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.108 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

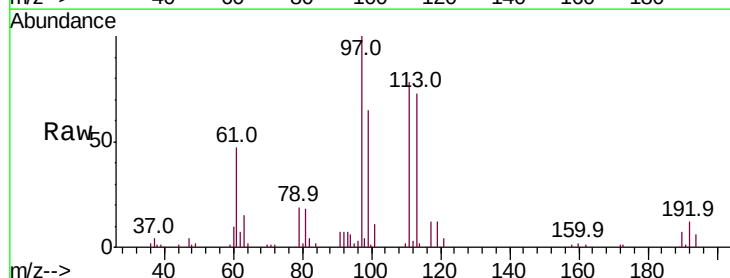
Tgt Ion: 97 Resp: 113025

Ion Ratio Lower Upper

97 100

99 63.2 50.6 76.0

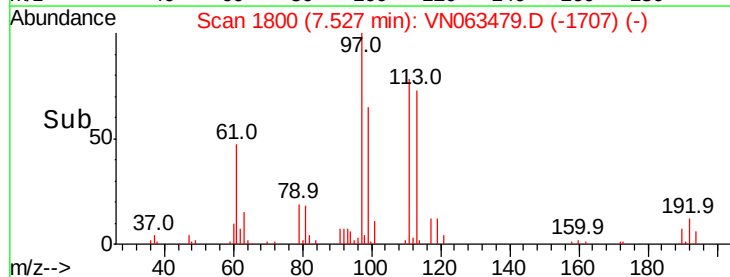
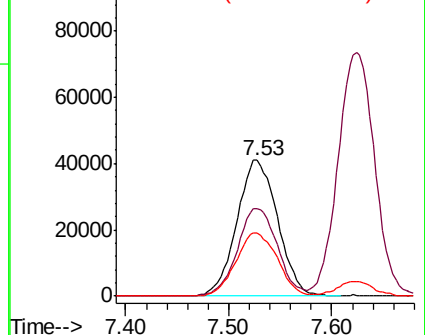
61 47.3 39.2 58.8

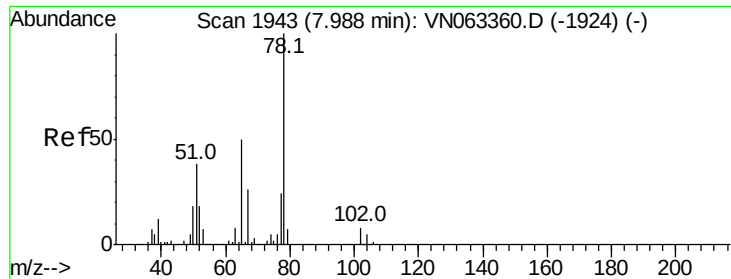


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 50.380 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

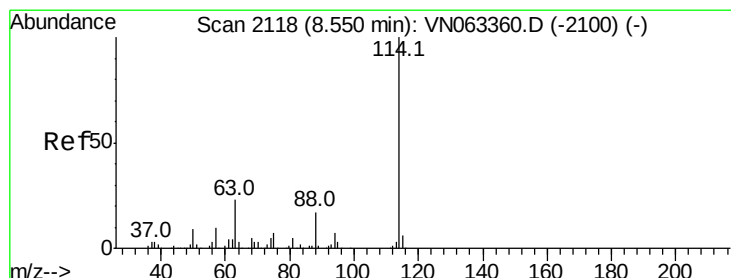
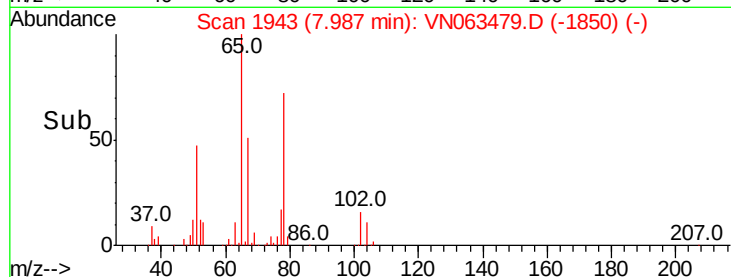
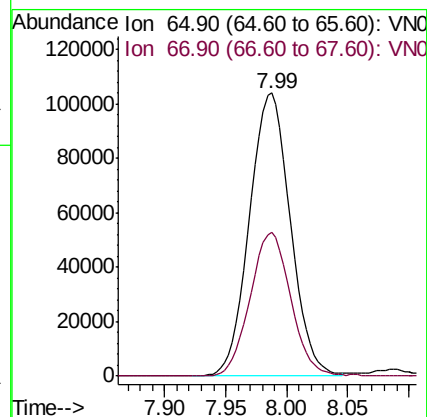
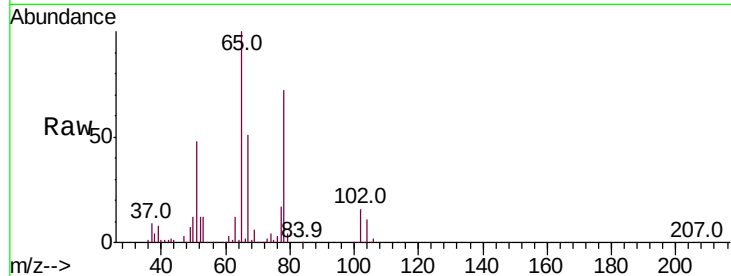
Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

Tot Ion: 65 Resp: 241348

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

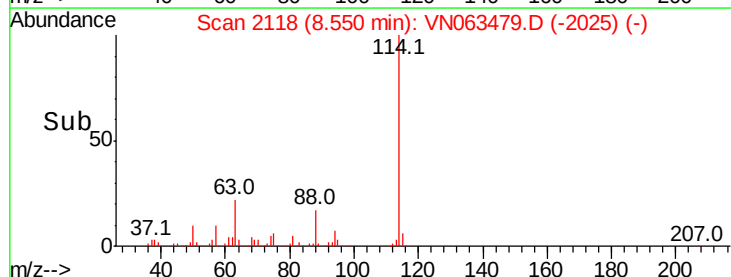
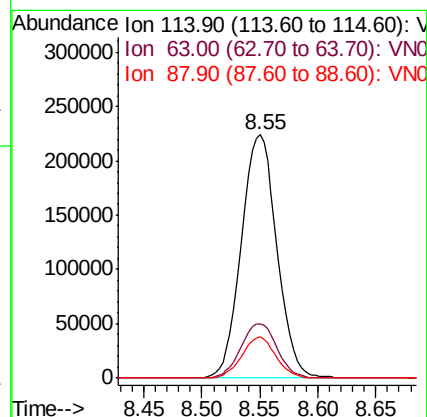
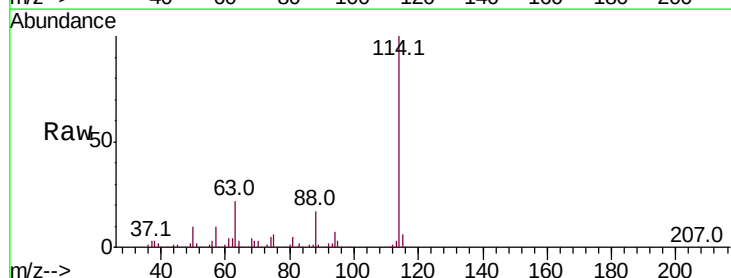
Delta R.T. -0.00 min

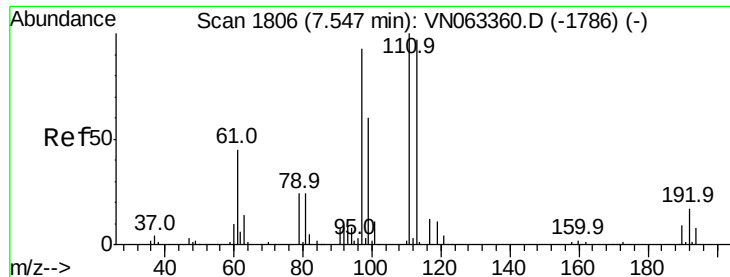
Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Tgt Ion: 114 Resp: 477316

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.4
88	16.9	0.0	33.2

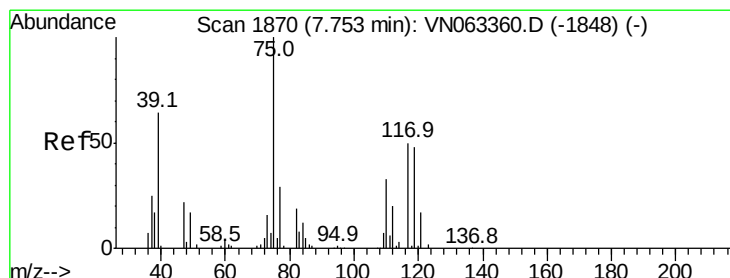
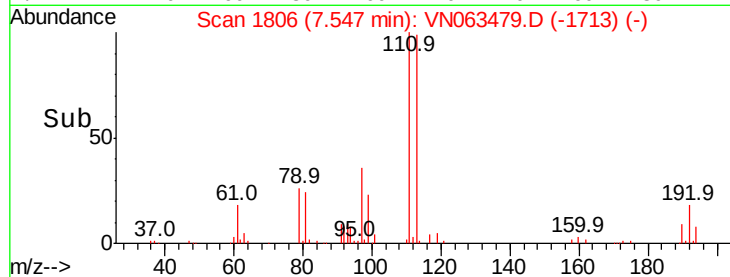
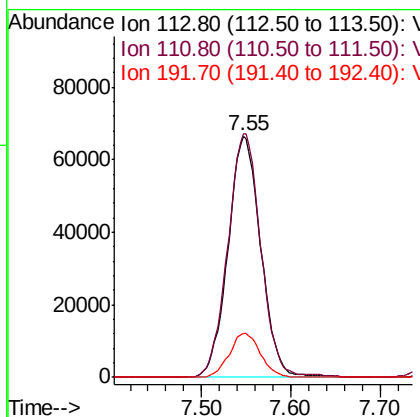
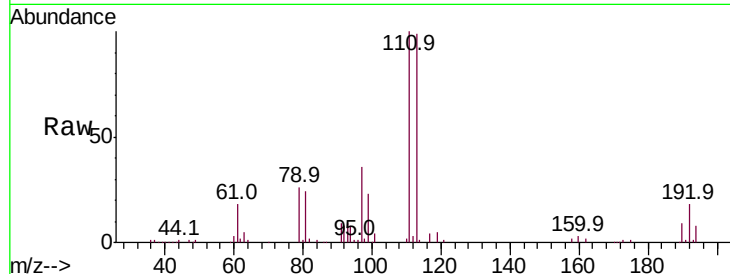




#35
 Dibromofluoromethane
 Concen: 51.061 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

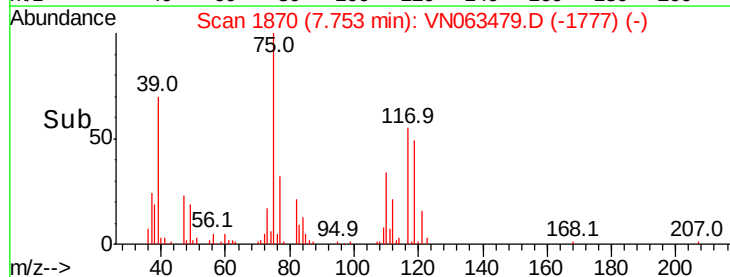
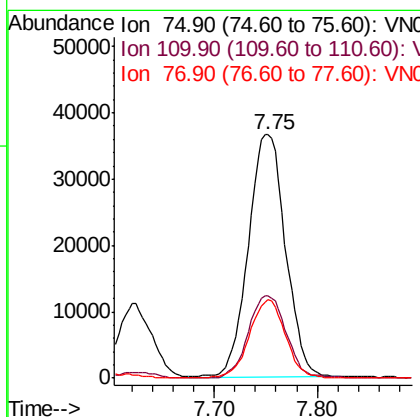
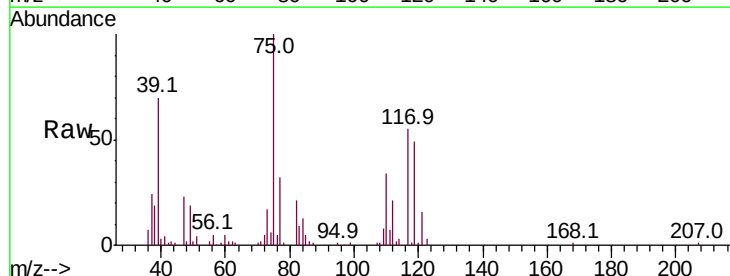
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921MBS01

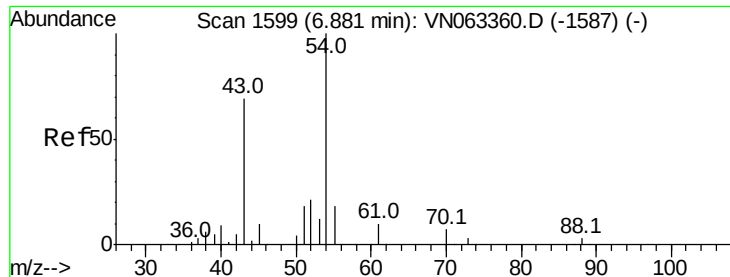
Tot Ion:113 Resp: 168723
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.9 124.3
 192 17.4 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 18.036 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

Tgt Ion: 75 Resp: 91715
 Ion Ratio Lower Upper
 75 100
 110 34.6 16.5 49.5
 77 31.0 24.6 36.8

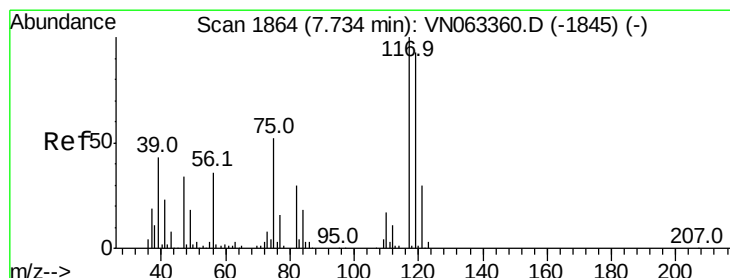
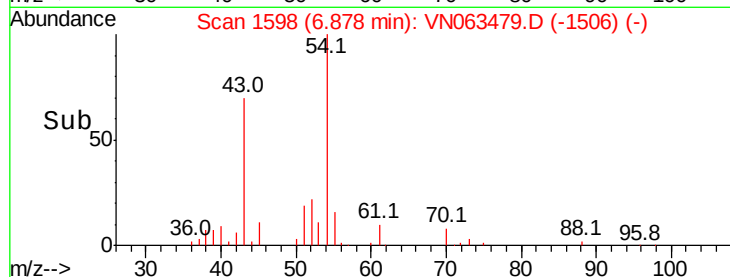
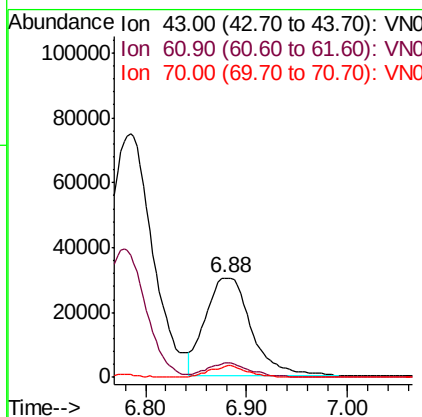
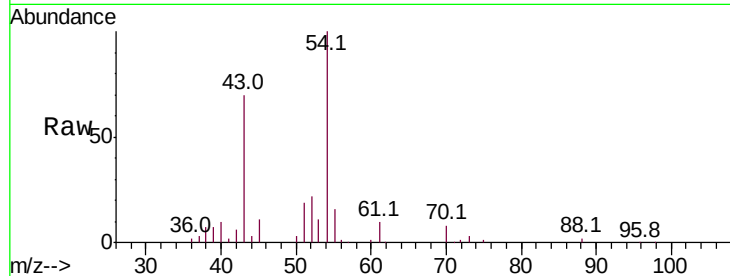




#37
Ethyl Acetate
Concen: 19.273 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

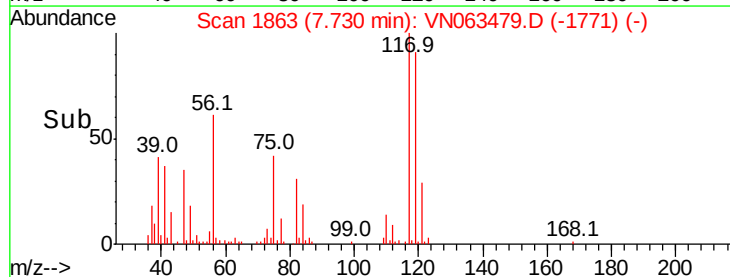
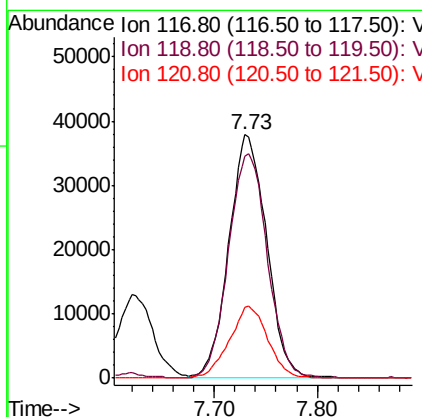
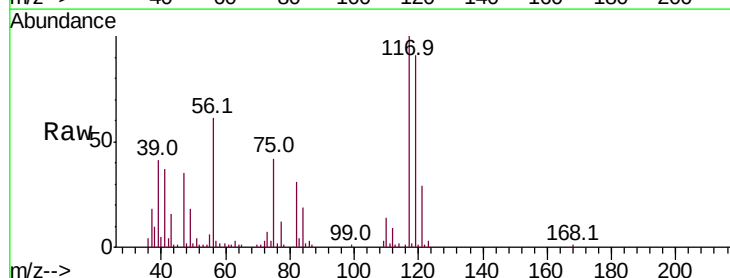
Instrument :
MSVOA_N
ClientSampled :
VN0921MBS01

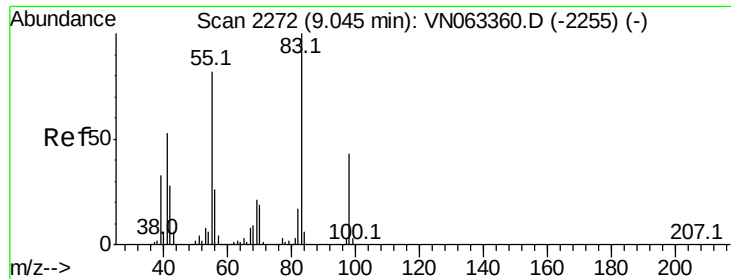
Tot Ion: 43 Resp: 96187
Ion Ratio Lower Upper
43 100
61 12.8 10.6 15.8
70 9.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 18.608 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion: 117 Resp: 96592
Ion Ratio Lower Upper
117 100
119 91.2 74.5 111.7
121 28.9 24.1 36.1

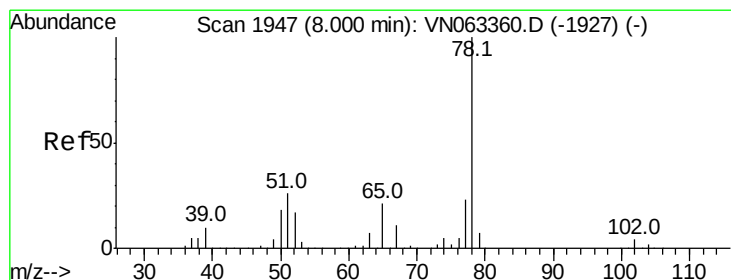
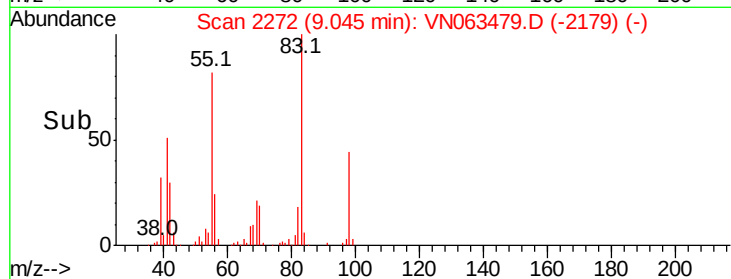
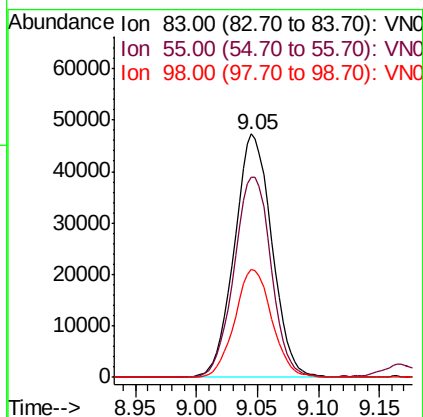
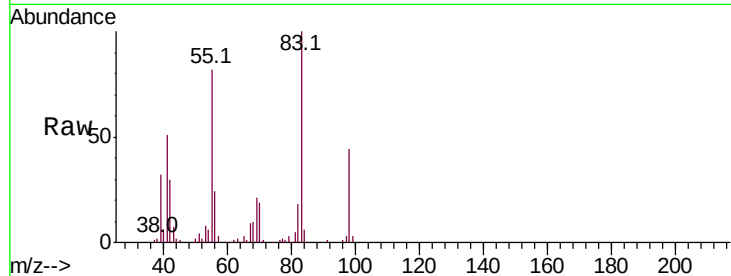




#39
Methylvlcyclohexane
Concen: 18.196 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

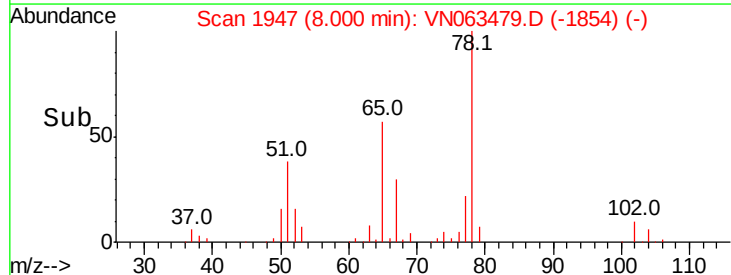
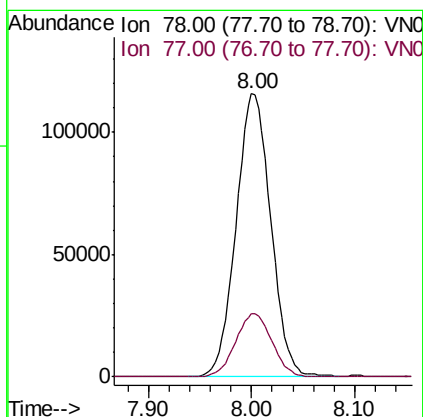
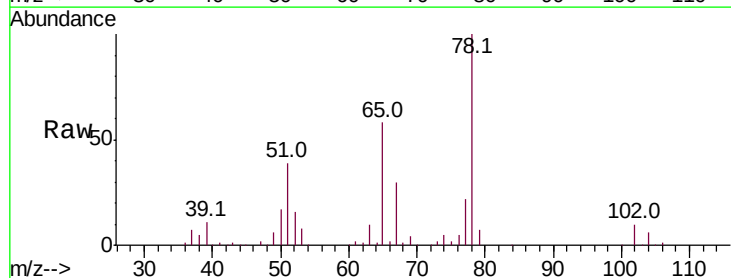
Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

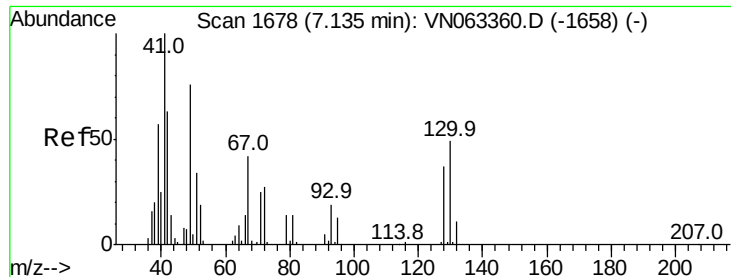
Tot Ion: 83 Resp: 100424
Ion Ratio Lower Upper
83 100
55 82.3 65.5 98.3
98 44.1 34.2 51.4



#40
Benzene
Concen: 18.672 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion: 78 Resp: 271047
Ion Ratio Lower Upper
78 100
77 22.2 18.3 27.5

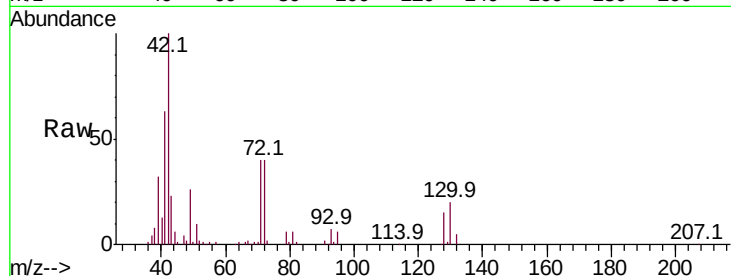




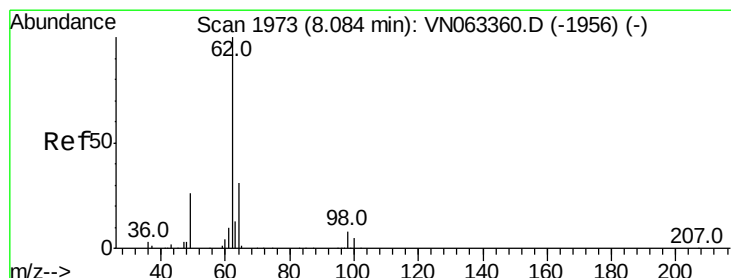
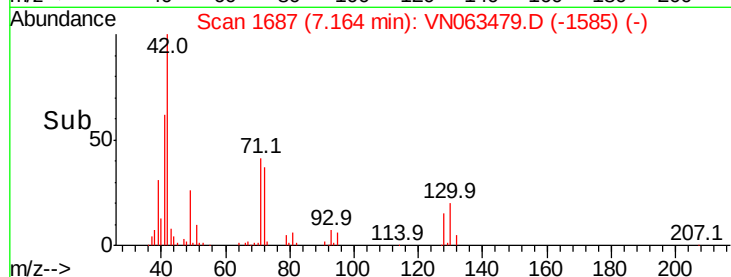
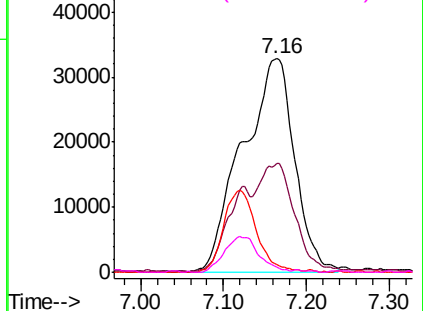
#41
Methacrylonitrile
Concen: 63.932 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

Tot Ion:	41	Resp:	143508
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

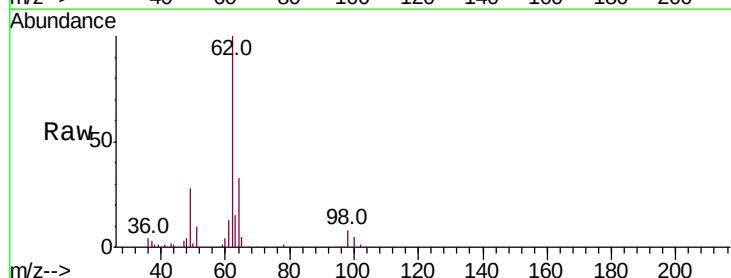


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

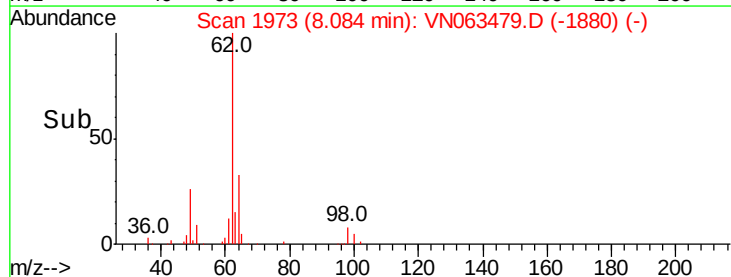
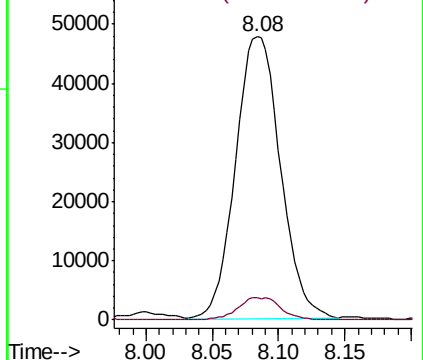


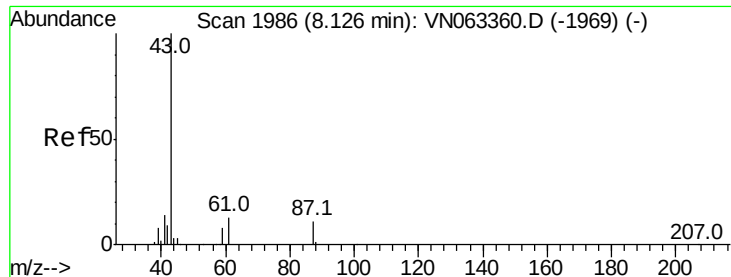
#42
1,2-Dichloroethane
Concen: 19.236 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion:	62	Resp:	112294
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.526 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBS01

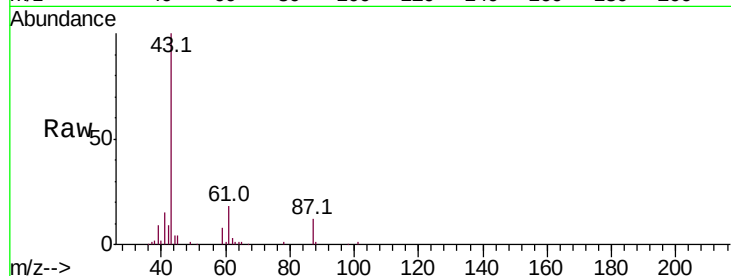
Tot Ion: 43 Resp: 165330

Ion Ratio Lower Upper

43 100

61 18.6 14.2 21.2

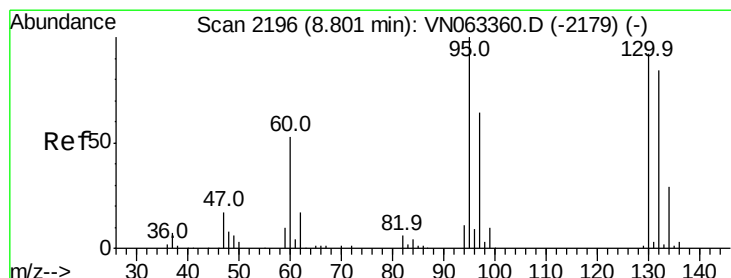
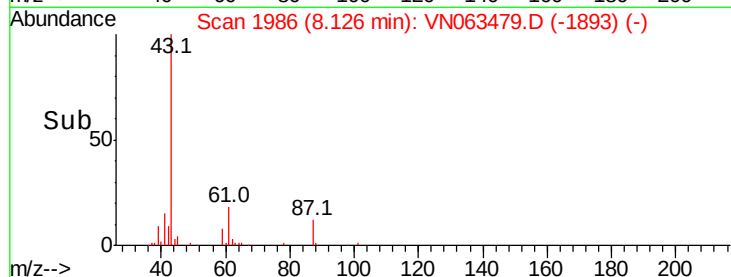
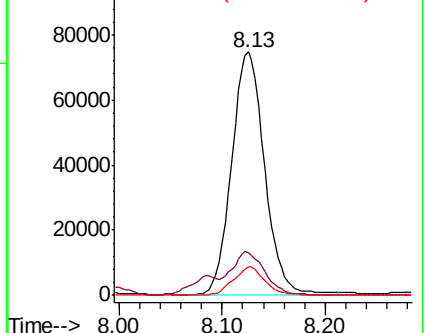
87 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)



#44

Trichloroethene

Concen: 18.854 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063479.D

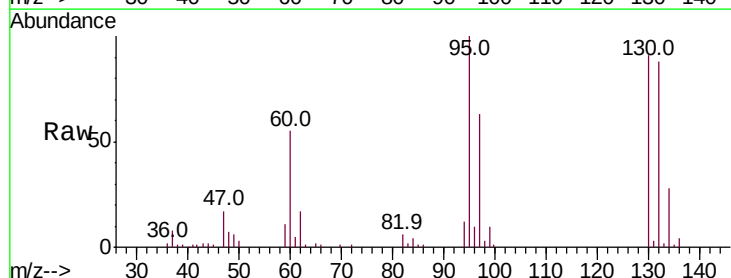
Acq: 21 Sep 2020 12:34

Tgt Ion:130 Resp: 66381

Ion Ratio Lower Upper

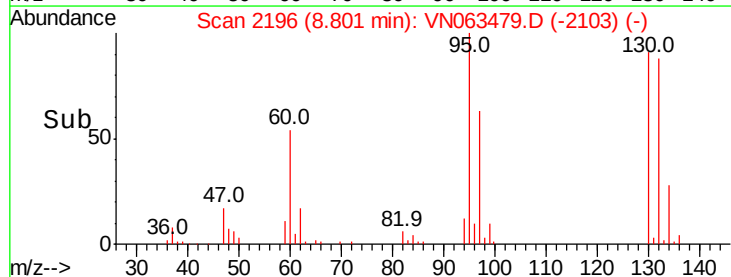
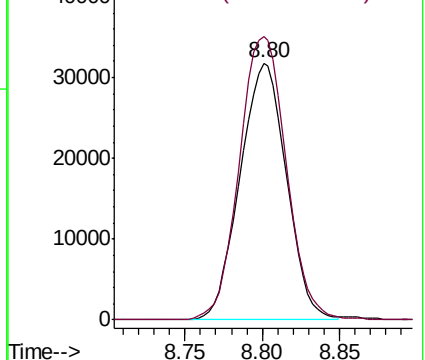
130 100

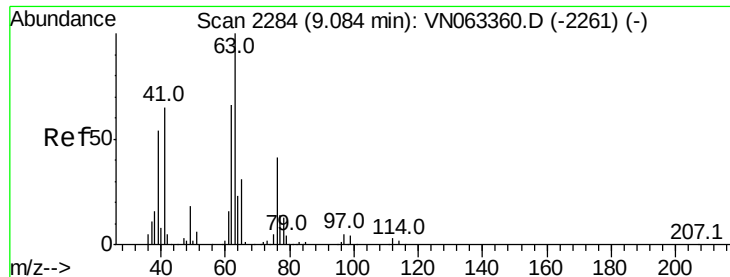
95 110.1 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 19.082 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

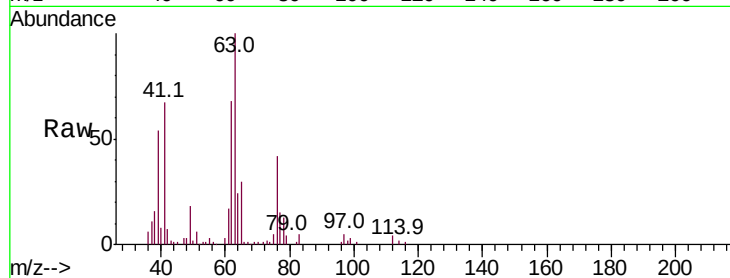
VN0921MBS01

Tot Ion: 63 Resp: 75444

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

40000

30000

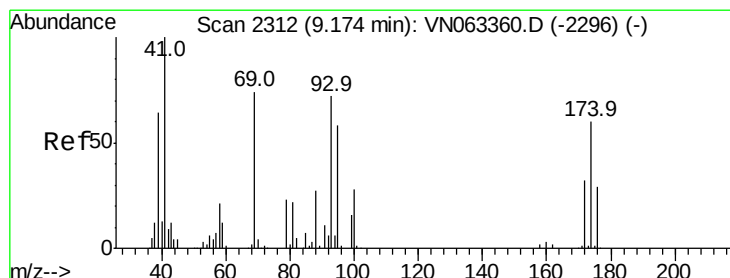
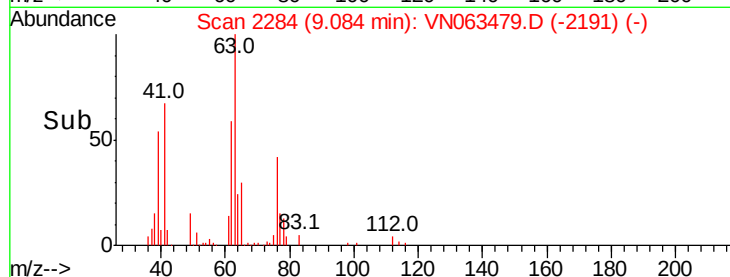
20000

10000

0

9.00 9.05 9.10 9.15

Time-->



#46

Dibromomethane

Concen: 19.322 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

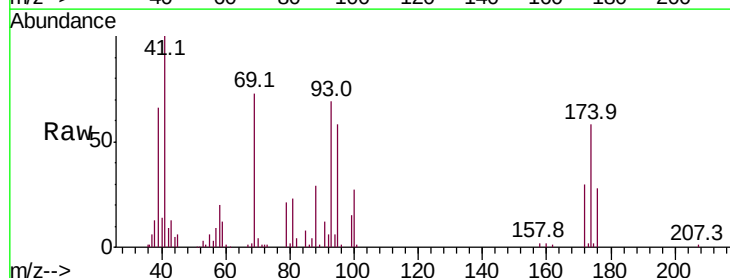
Tgt Ion: 93 Resp: 50209

Ion Ratio Lower Upper

93 100

95 82.9 65.6 98.4

174 83.7 68.1 102.1



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.17

30000

25000

20000

15000

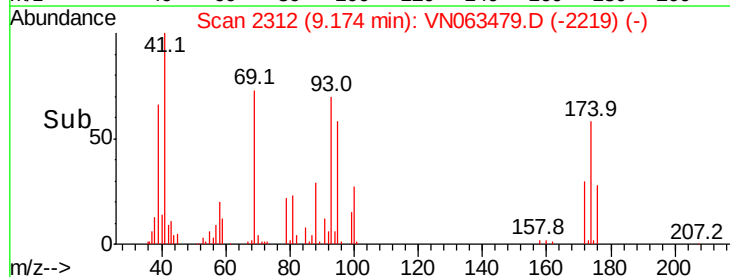
10000

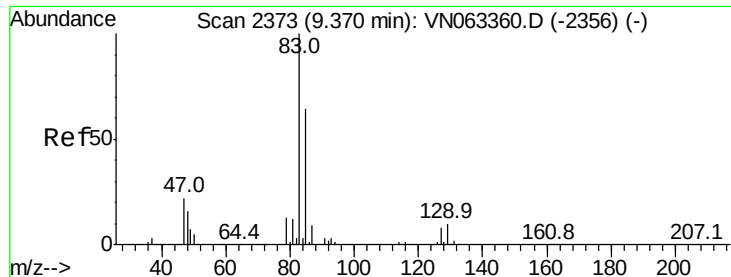
5000

0

9.10 9.15 9.20 9.25

Time-->





#47

Bromodichloromethane

Concen: 19.367 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBS01

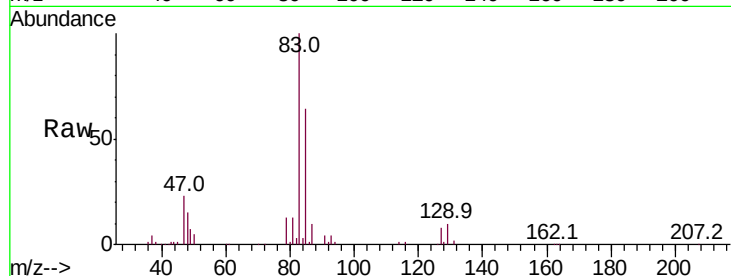
Tot Ion: 83 Resp: 104549

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.6

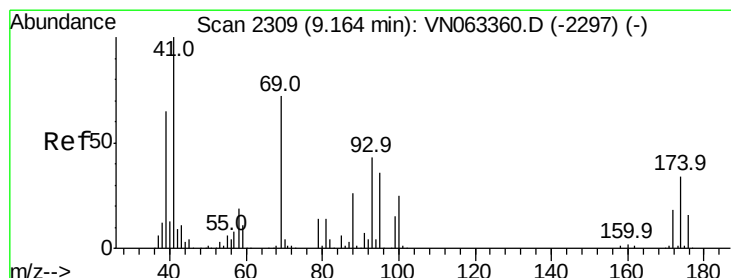
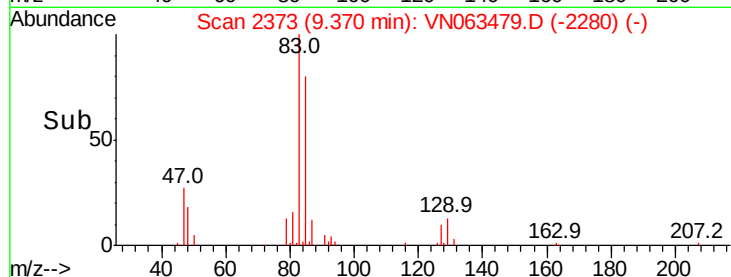
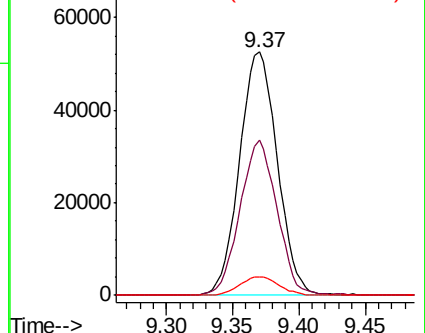
127 7.8 6.3 9.5



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: 18.734 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

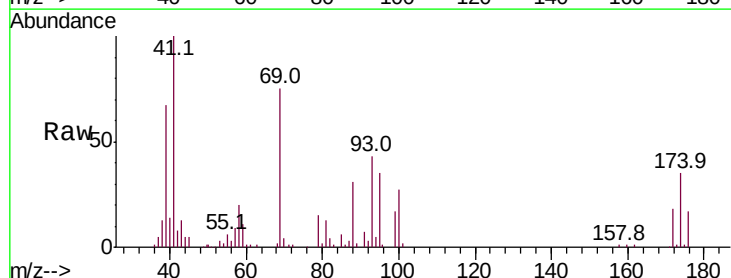
Tgt Ion: 41 Resp: 82140

Ion Ratio Lower Upper

41 100

69 73.5 59.3 88.9

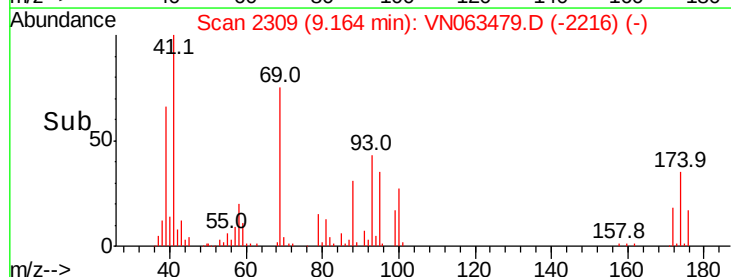
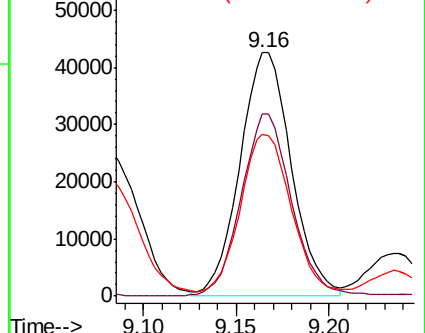
39 66.3 52.9 79.3

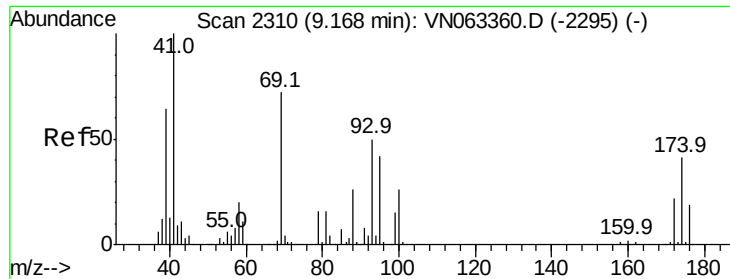


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 409.059 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBS01

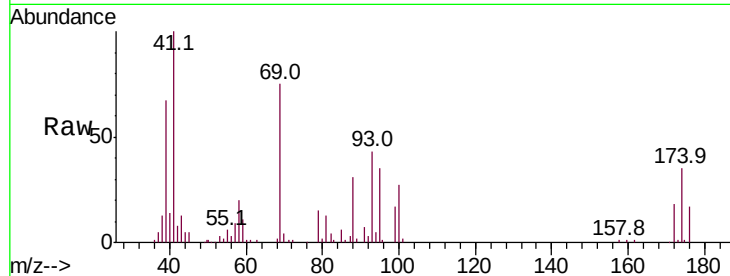
Tot Ion: 88 Resp: 25738

Ion Ratio Lower Upper

88 100

43 39.3 32.6 49.0

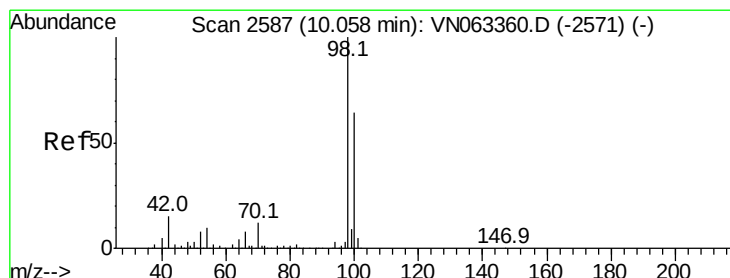
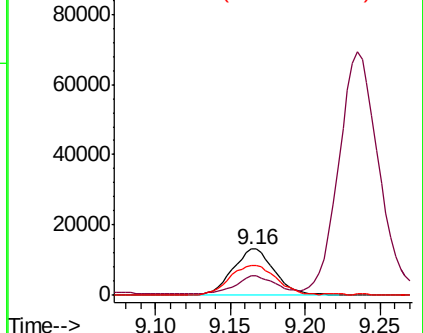
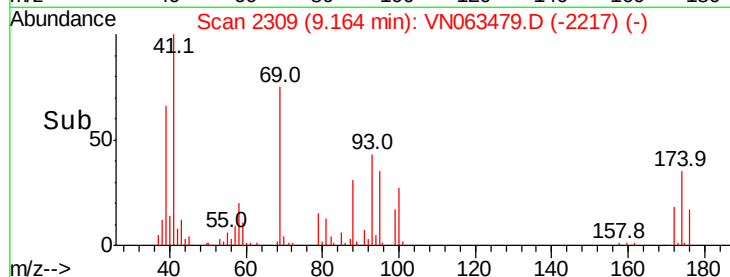
58 72.6 60.0 90.0



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: 51.359 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063479.D

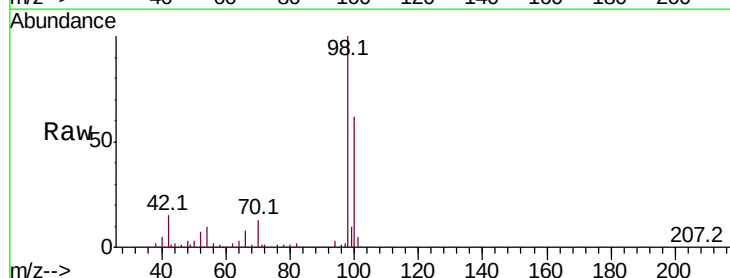
Acq: 21 Sep 2020 12:34

Tgt Ion: 98 Resp: 638140

Ion Ratio Lower Upper

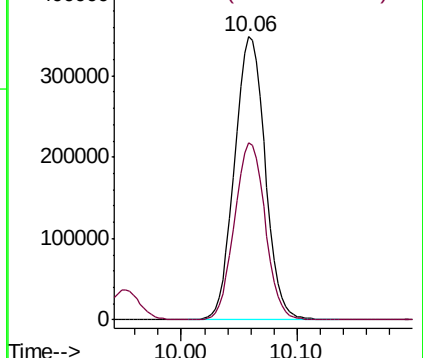
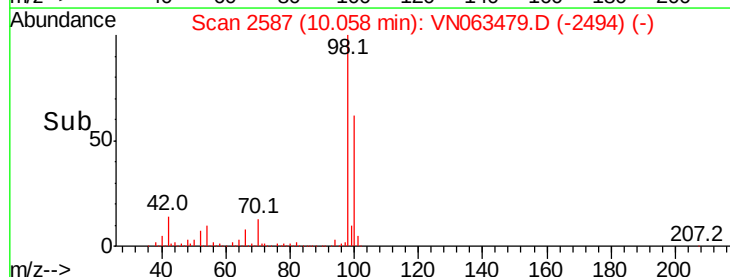
98 100

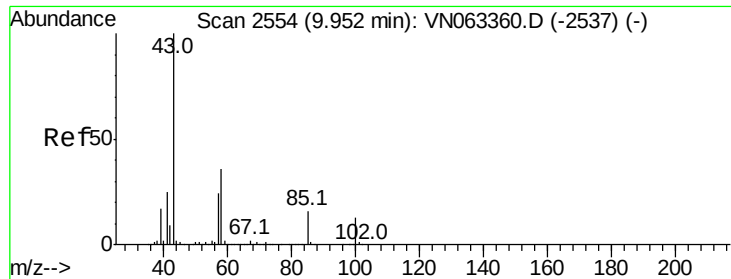
100 62.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

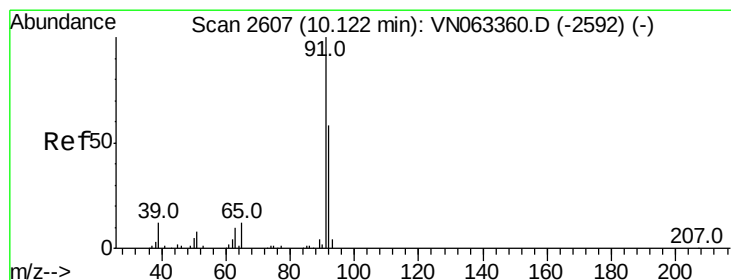
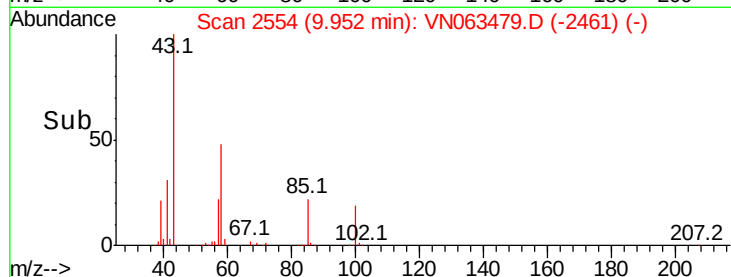
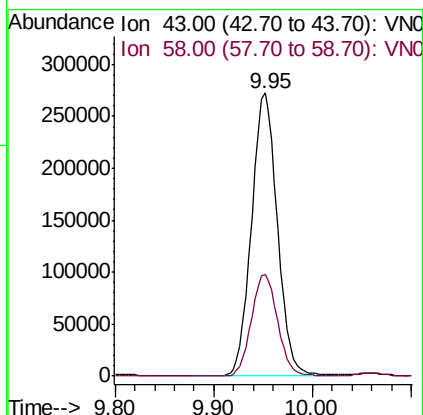
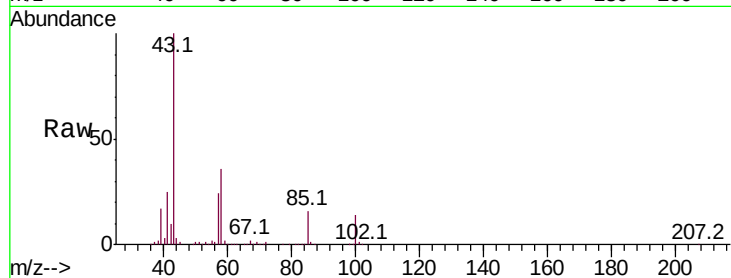




#51
4-Methyl-2-Pentanone
Concen: 98.111 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

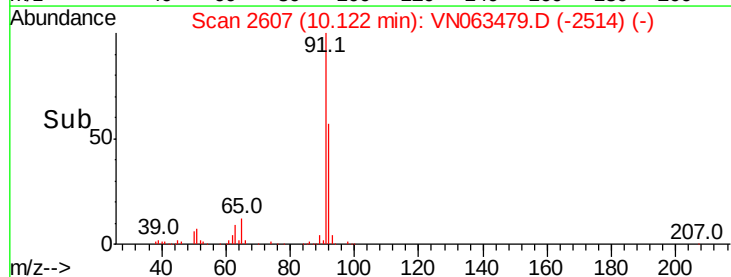
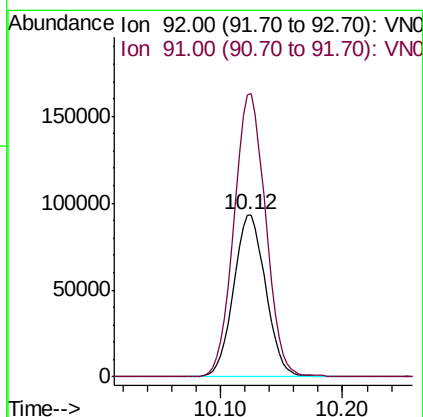
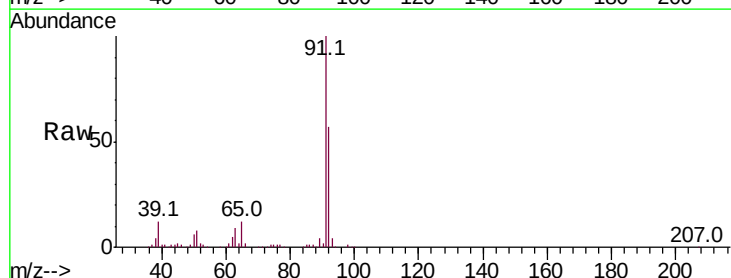
Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

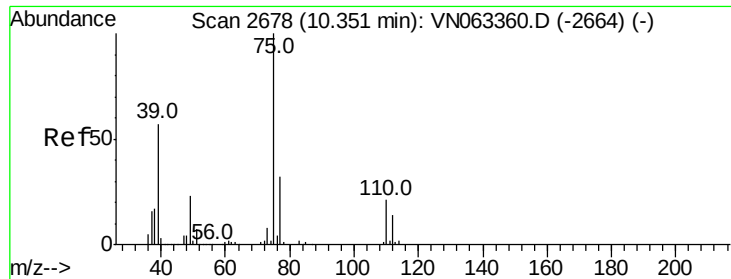
Tot Ion: 43 Resp: 490165
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6



#52
Toluene
Concen: 19.520 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion: 92 Resp: 170362
Ion Ratio Lower Upper
92 100
91 173.0 139.7 209.5

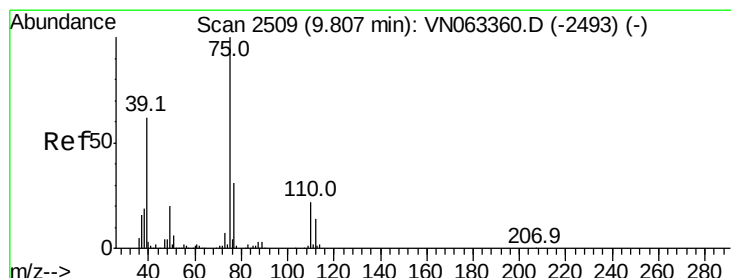
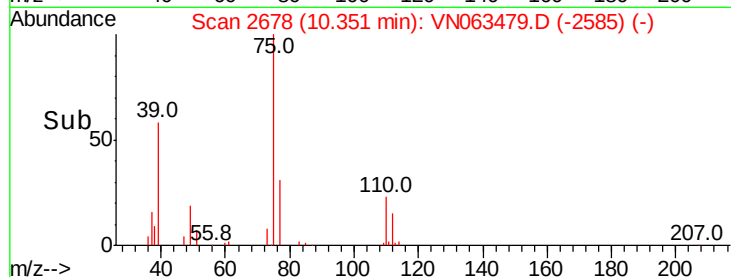
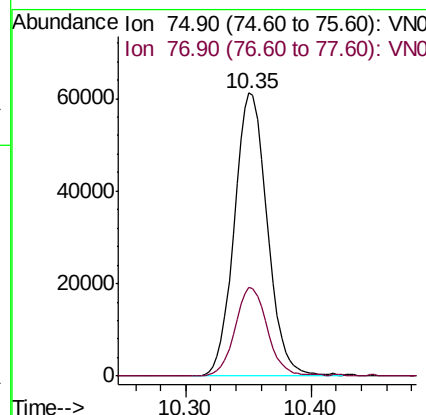
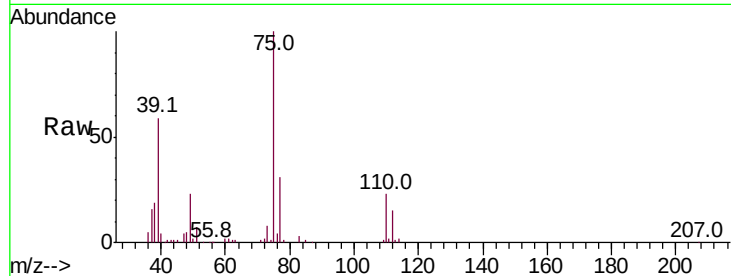




#53
 t-1,3-Dichloropropene
 Concen: 18.582 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

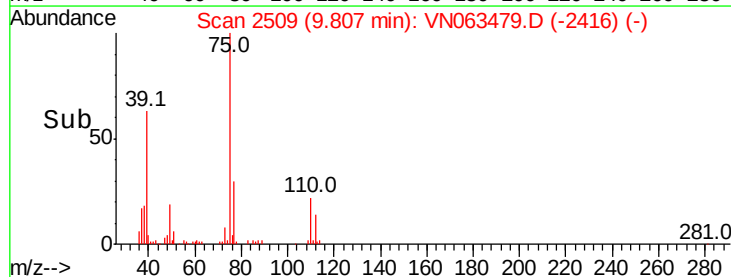
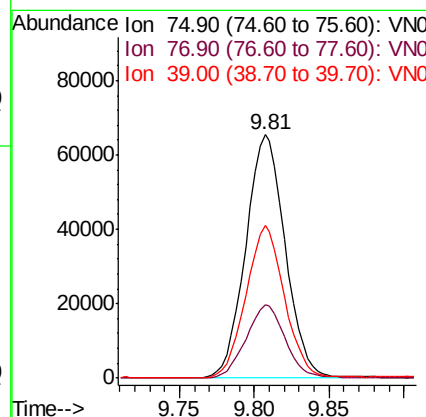
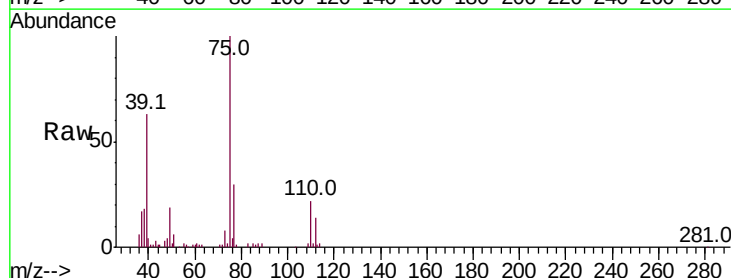
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921MBS01

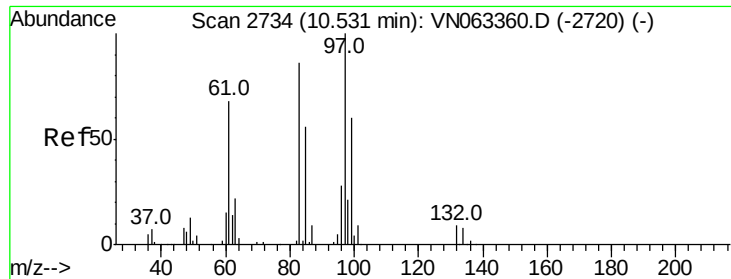
Tot Ion: 75 Resp: 111988
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.891 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

Tgt Ion: 75 Resp: 120087
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.6 37.0
 39 62.8 49.8 74.8

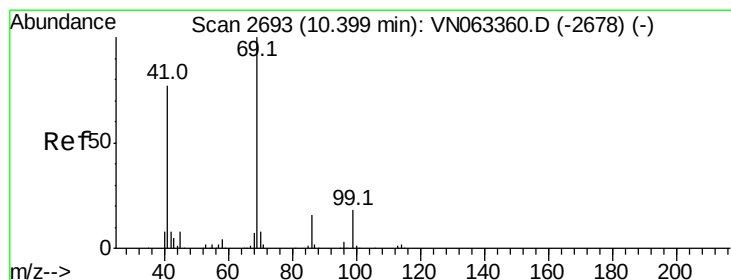
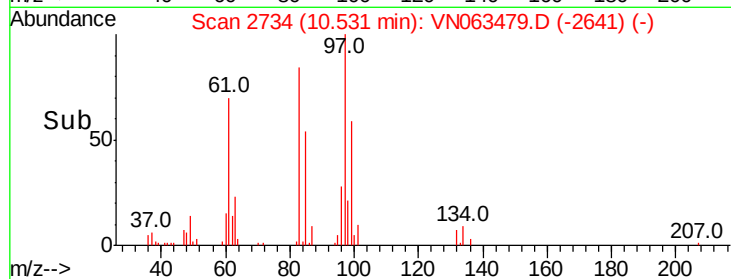
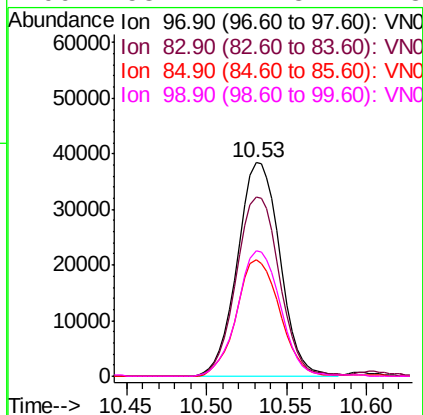
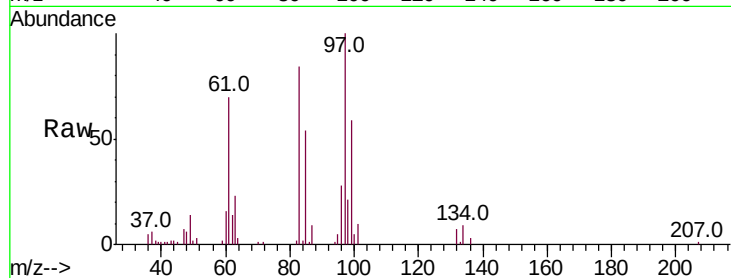




#55
 1,1,2-Trichloroethane
 Concen: 20.081 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

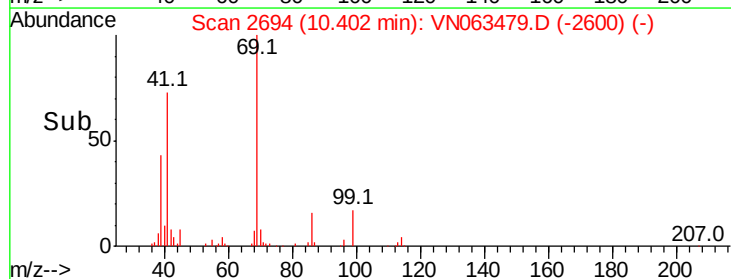
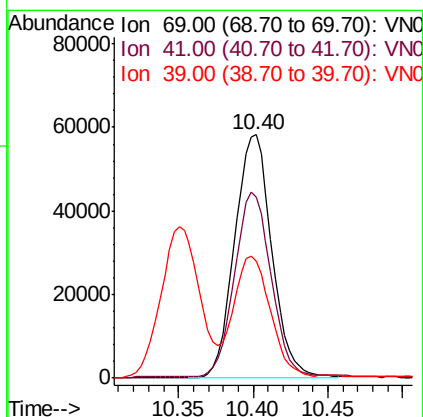
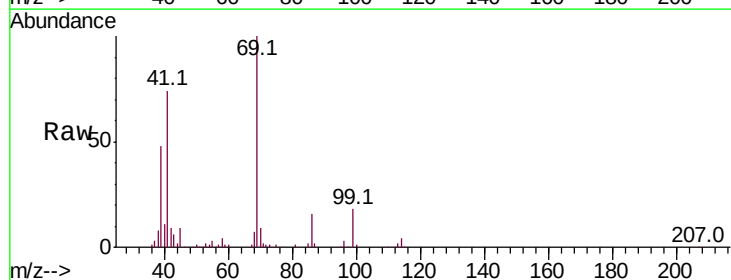
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921MBS01

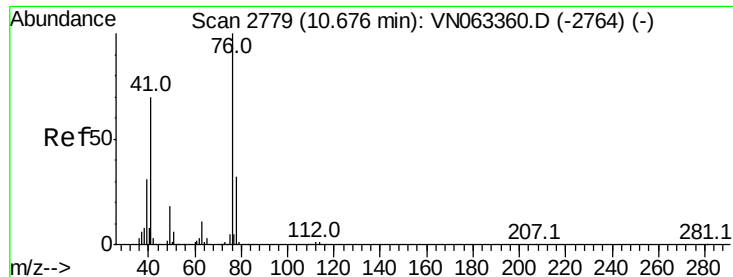
Tot Ion:	97	Resp:	69614
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.9	103.3
85	54.4	44.8	67.2
99	58.7	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 18.678 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

Tgt Ion:	69	Resp:	101085
Ion	Ratio	Lower	Upper
69	100		
41	74.2	61.0	91.6
39	48.8	39.2	58.8





#57

1,3-Dichloropropane

Concen: 18.856 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

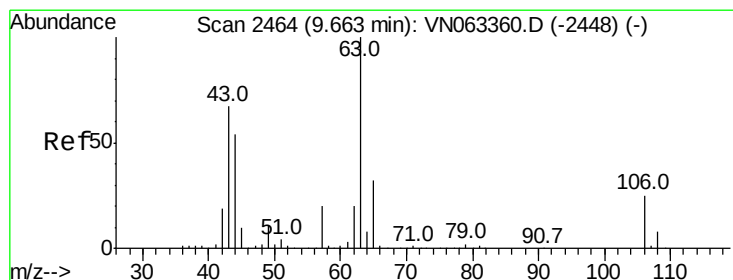
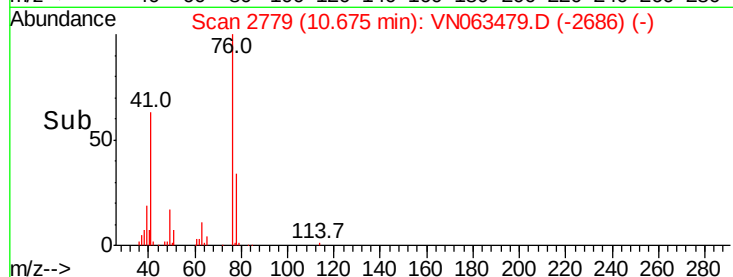
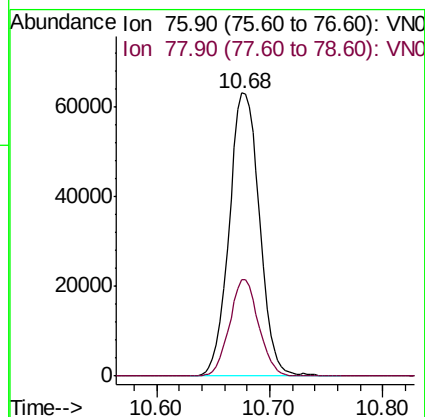
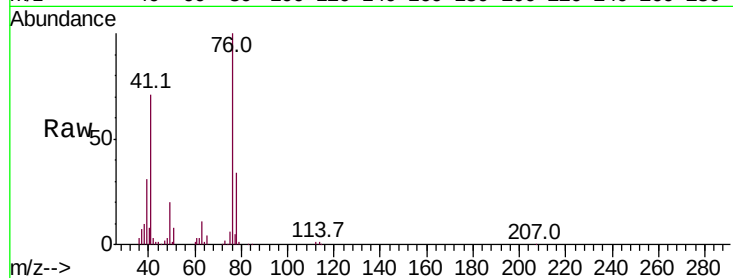
VN0921MBS01

Tot Ion: 76 Resp: 117876

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 92.131 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063479.D

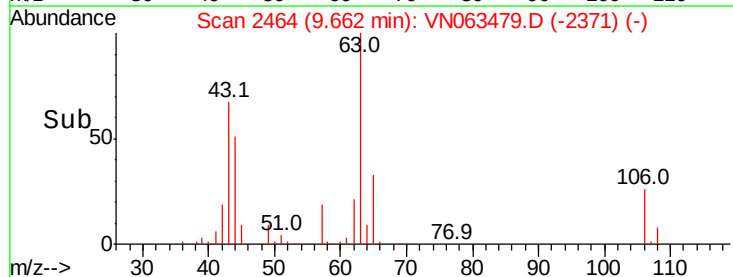
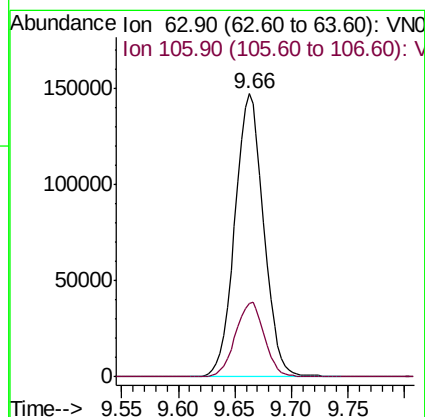
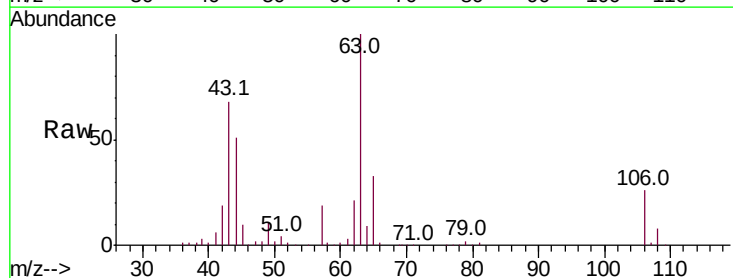
Acq: 21 Sep 2020 12:34

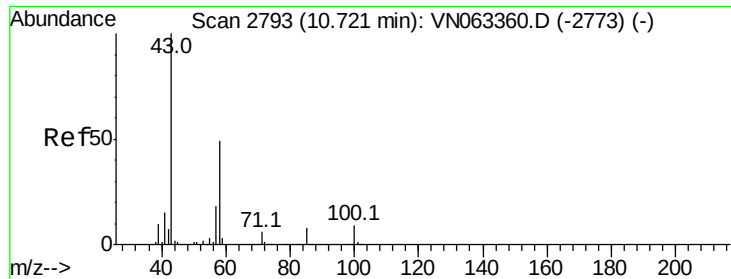
Tgt Ion: 63 Resp: 261554

Ion Ratio Lower Upper

63 100

106 26.5 19.5 29.3

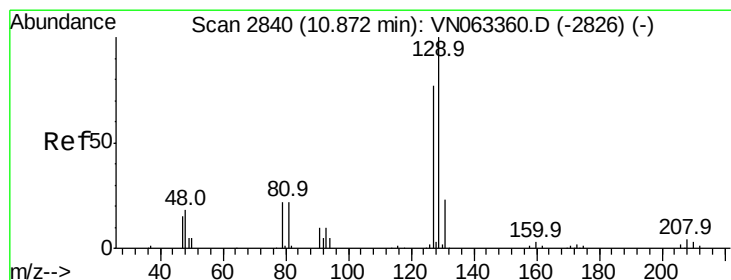
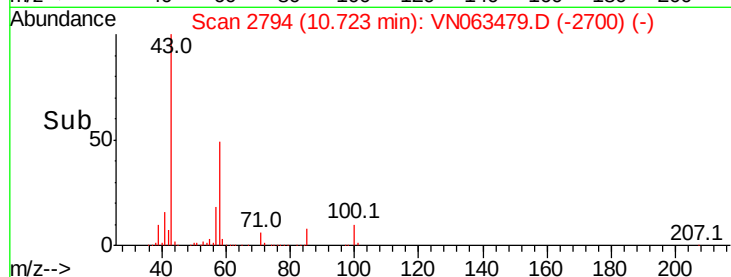
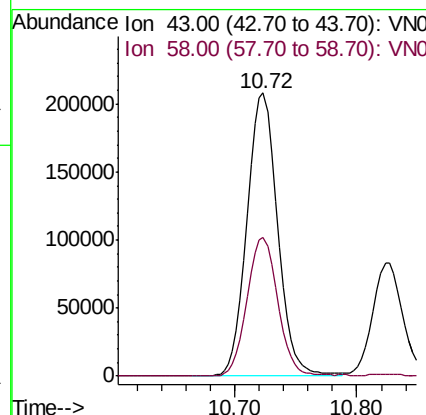
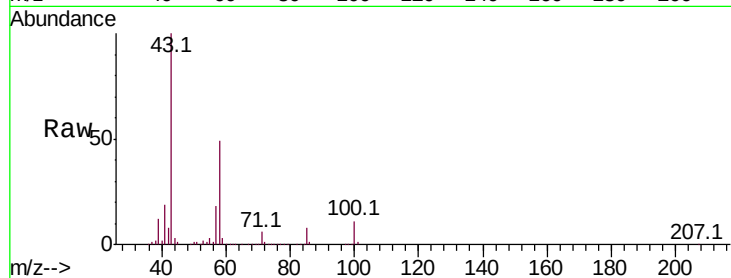




#59
2-Hexanone
Concen: 98.636 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

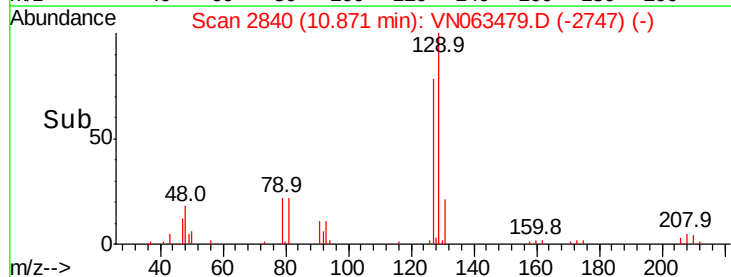
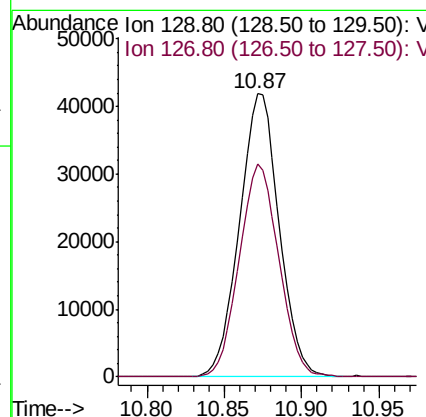
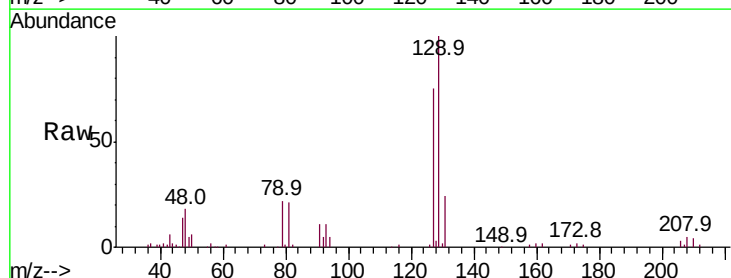
Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

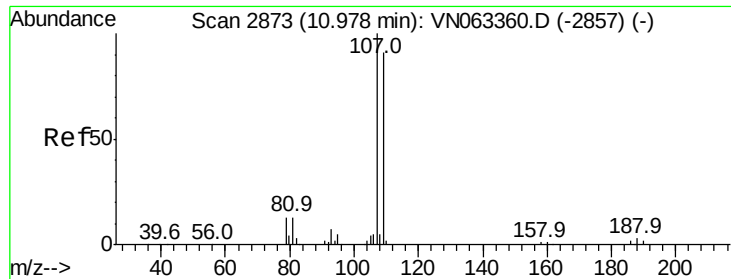
Tot Ion: 43 Resp: 357012
Ion Ratio Lower Upper
43 100
58 49.6 24.7 74.1



#60
Dibromochloromethane
Concen: 19.044 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion: 129 Resp: 74583
Ion Ratio Lower Upper
129 100
127 75.2 39.1 117.3

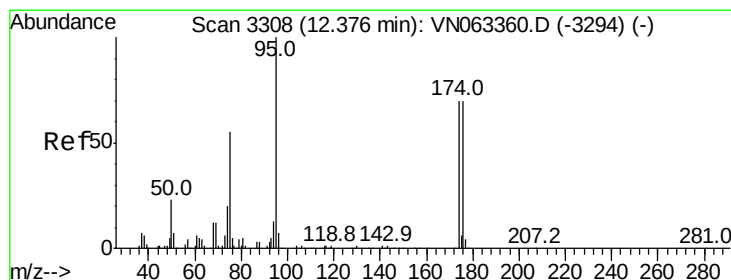
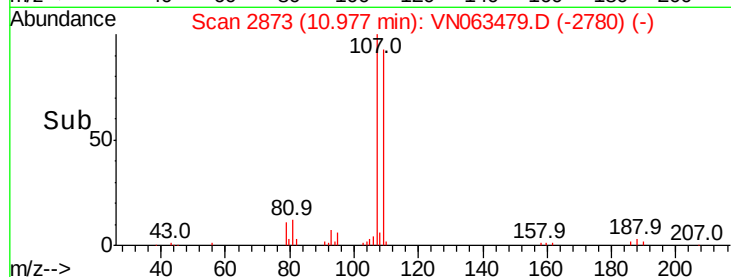
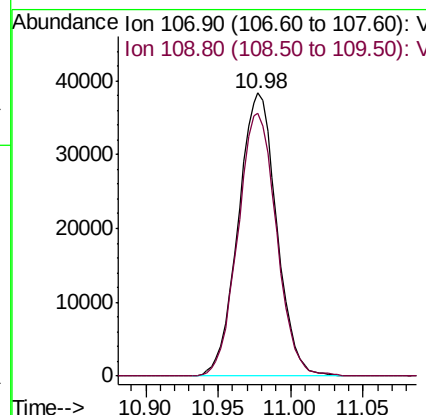
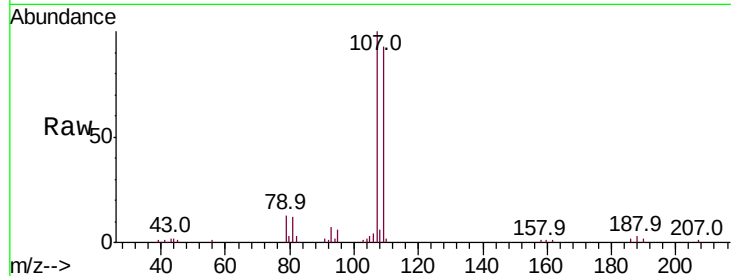




#61
 1,2-Dibromoethane
 Concen: 19.518 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

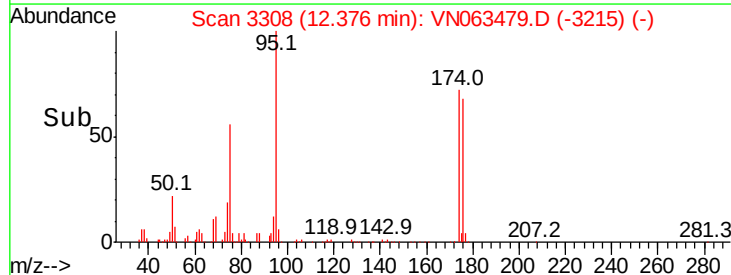
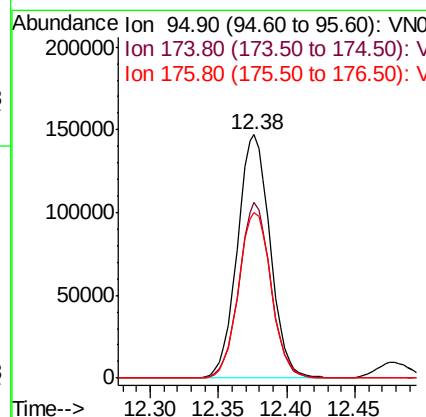
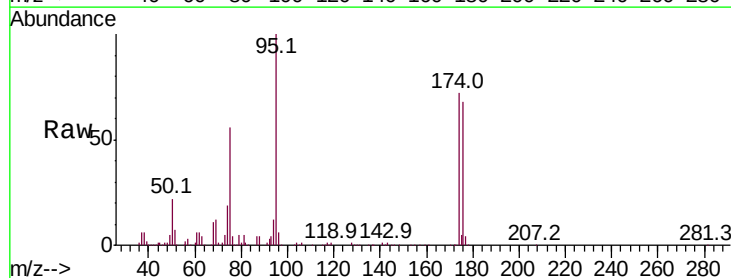
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921MBS01

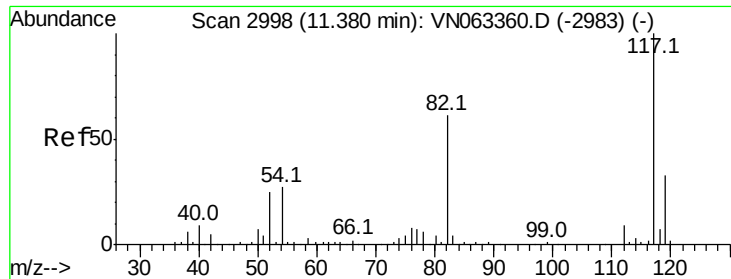
Tot Ion:107 Resp: 70296
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 53.919 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

Tgt Ion: 95 Resp: 245591
 Ion Ratio Lower Upper
 95 100
 174 69.5 0.0 140.8
 176 67.9 0.0 137.6

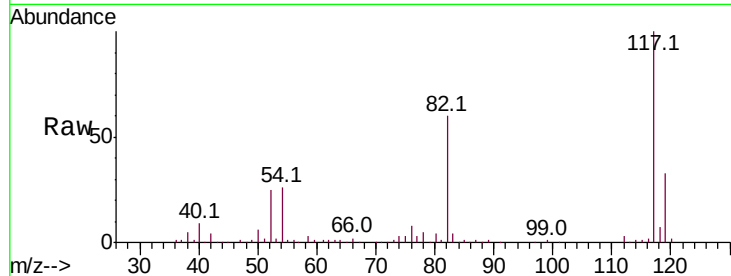




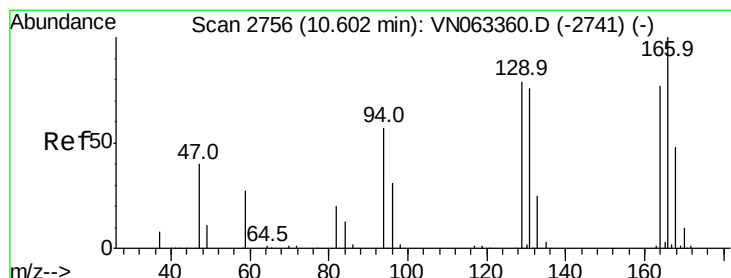
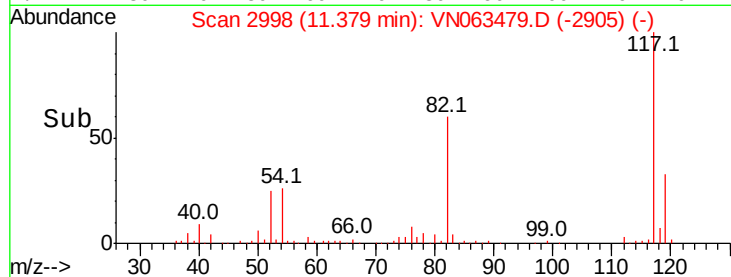
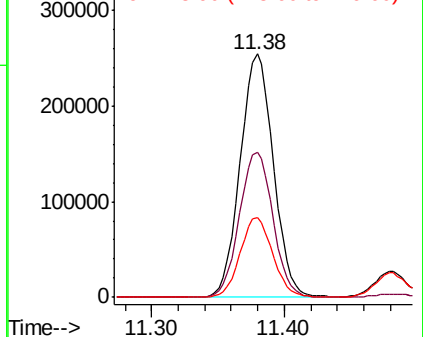
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

Tot Ion:117 Resp: 443616
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 32.6 26.2 39.4

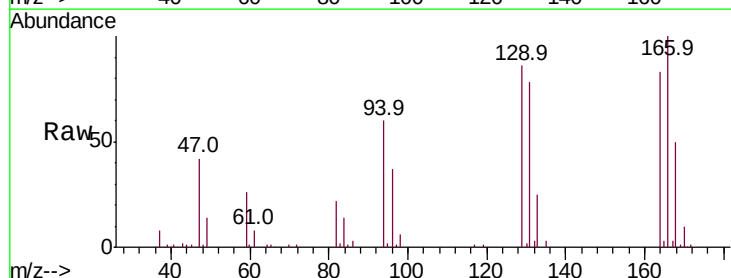


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

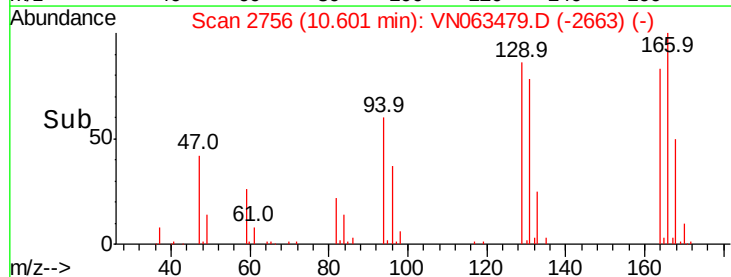
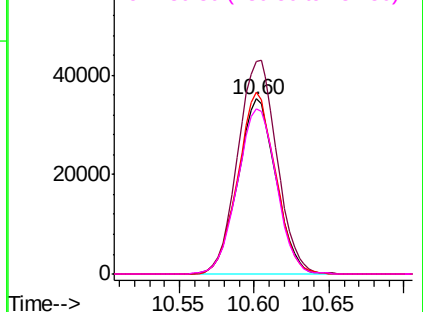


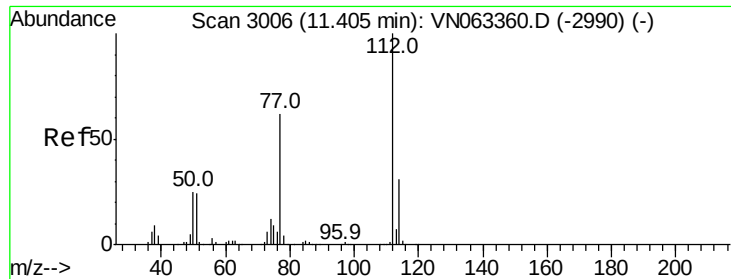
#64
Tetrachloroethene
Concen: 20.651 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion:164 Resp: 62382
Ion Ratio Lower Upper
164 100
166 120.9 103.4 155.0
129 104.0 81.8 122.6
131 94.5 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

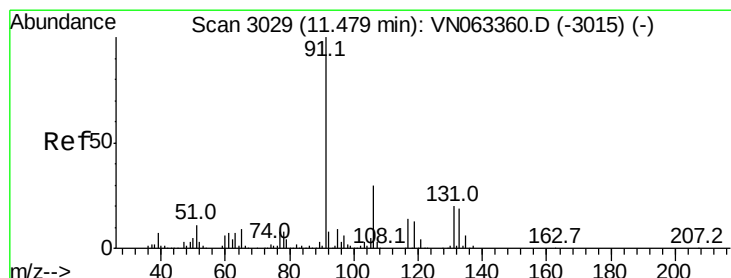
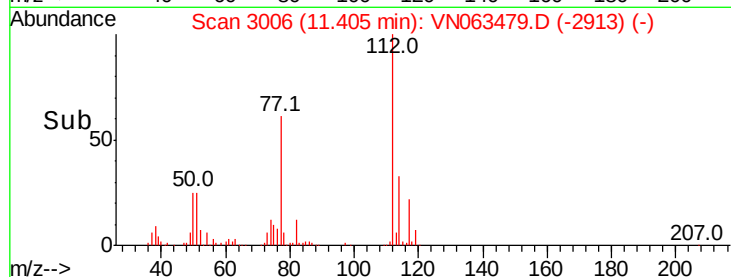
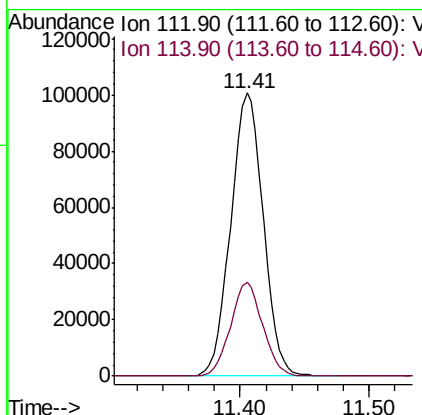
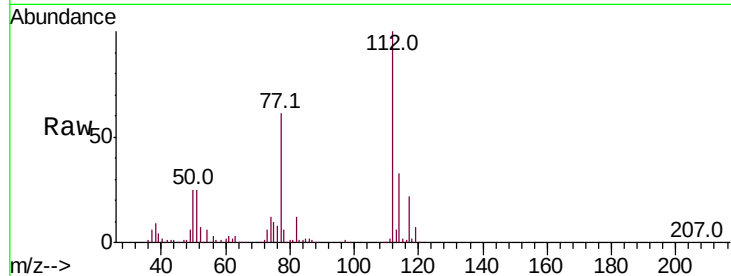




#65
Chlorobenzene
Concen: 18.710 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

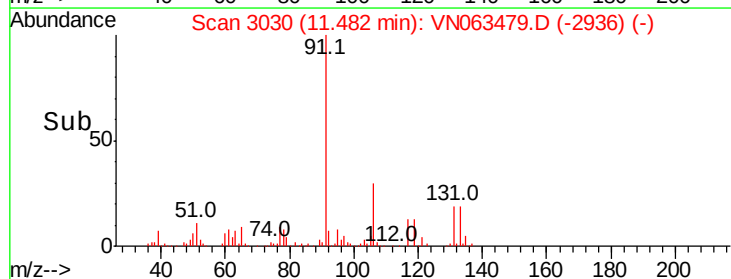
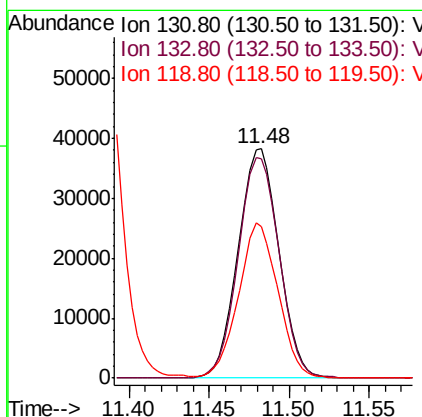
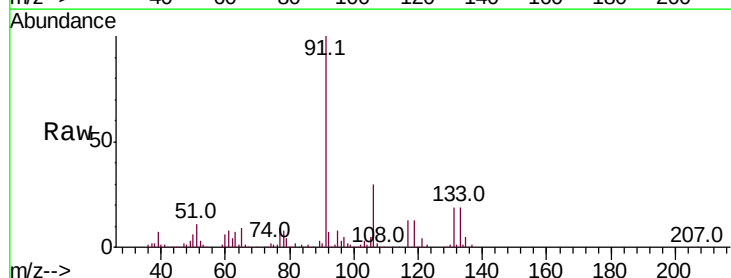
Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

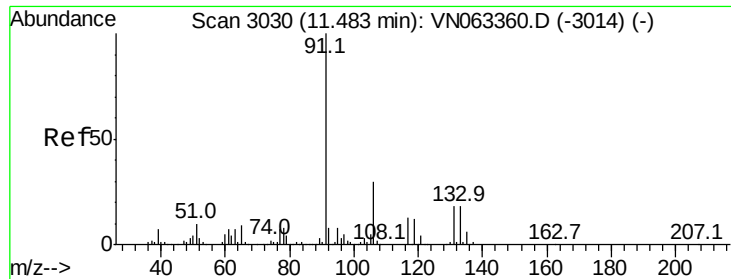
Tot Ion:112 Resp: 176190
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.237 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion:131 Resp: 66403
Ion Ratio Lower Upper
131 100
133 97.0 47.3 141.9
119 65.8 33.6 100.8

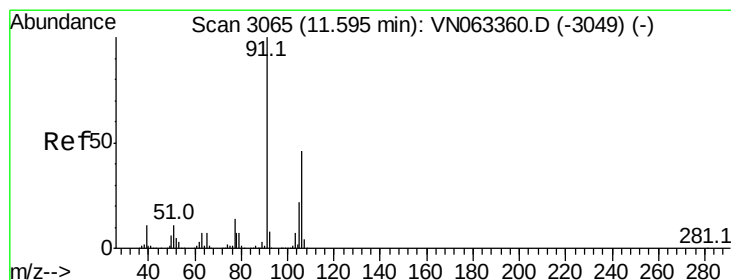
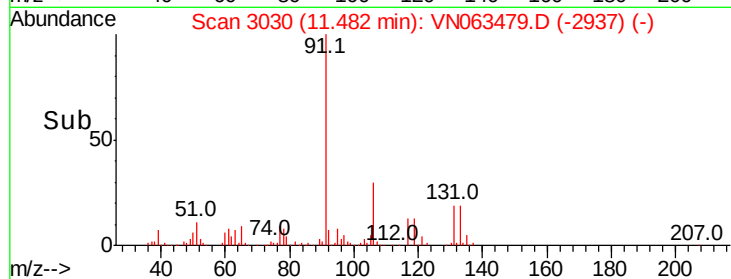
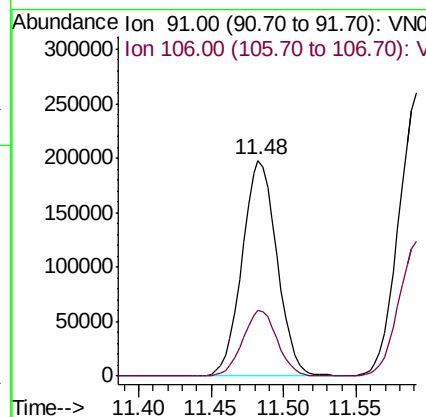
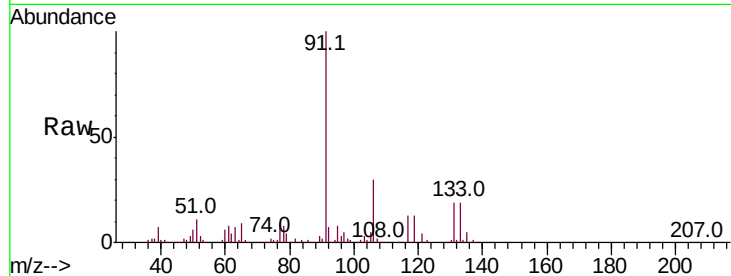




#67
Ethyl Benzene
Concen: 18.651 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

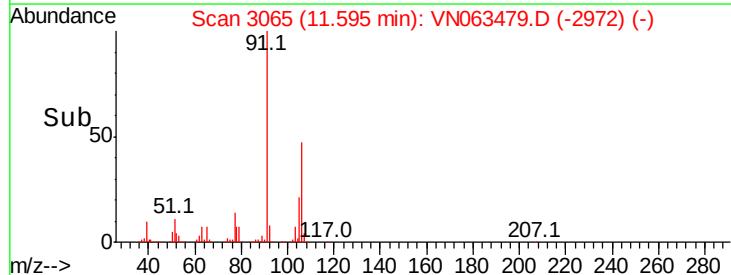
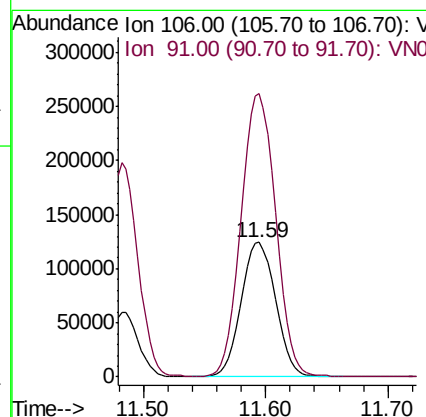
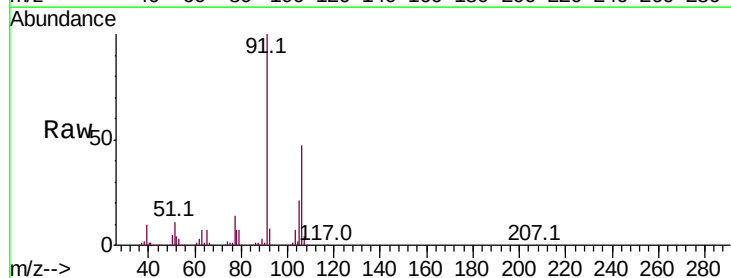
Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

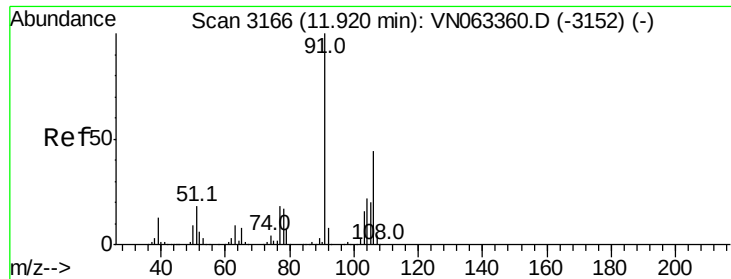
Tot Ion: 91 Resp: 330740
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6



#68
m/p-Xylenes
Concen: 37.971 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion: 106 Resp: 242781
Ion Ratio Lower Upper
106 100
91 210.7 171.2 256.8

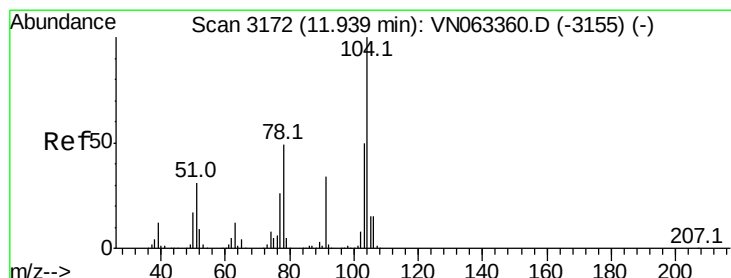
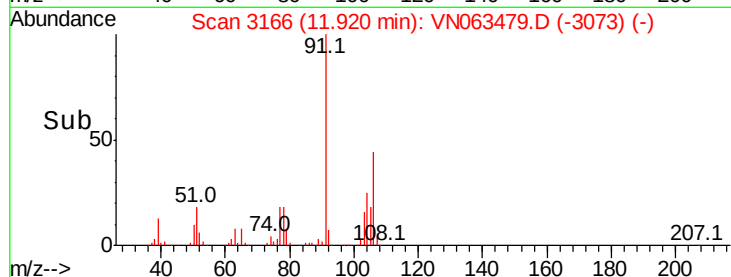
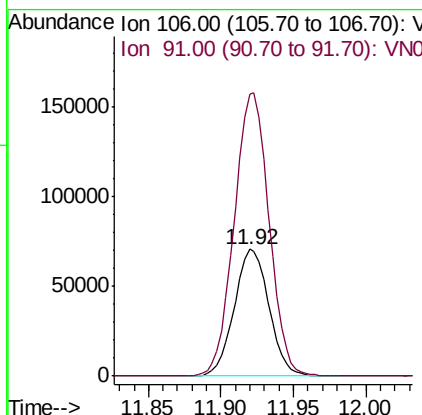
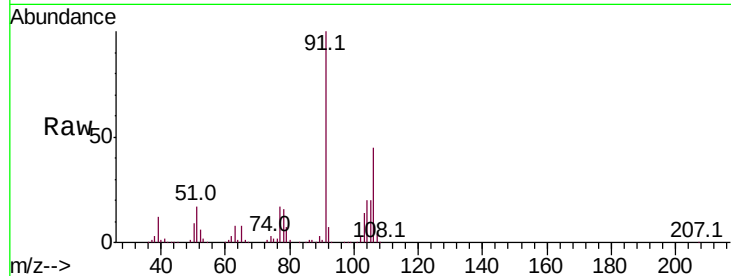




#69
o-Xylene
Concen: 19.347 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

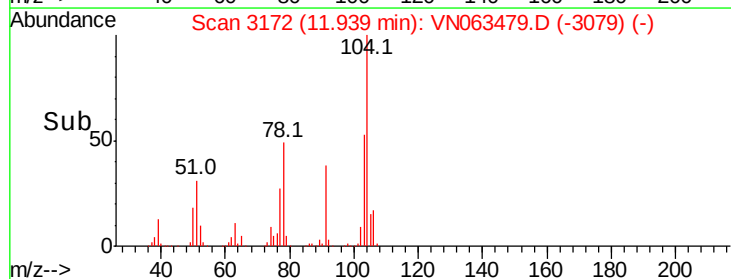
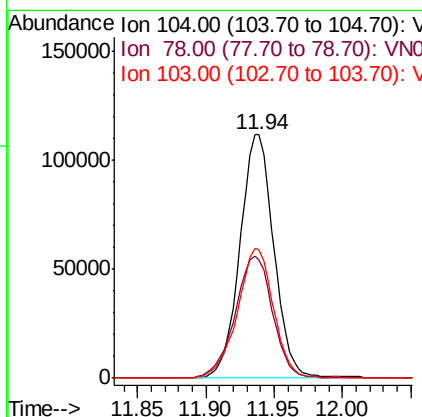
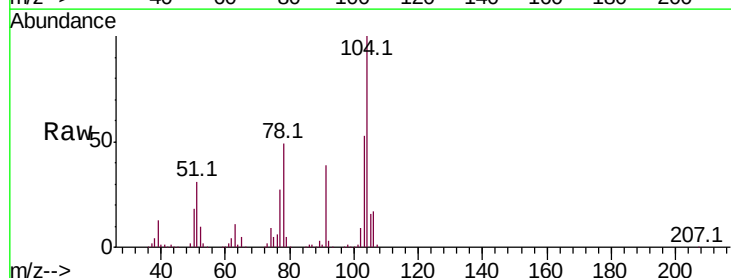
Instrument :
MSVOA_N
ClientSampleId :
VN0921MBS01

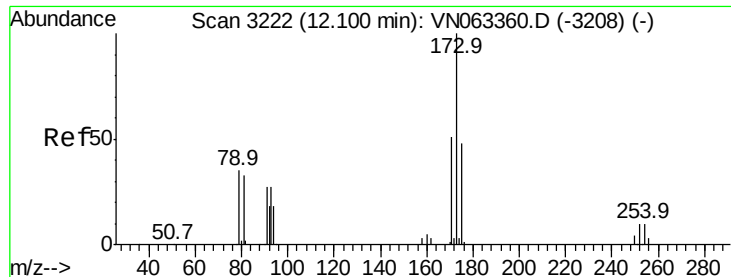
Tot Ion:106 Resp: 117836
Ion Ratio Lower Upper
106 100
91 223.6 113.6 340.8



#70
Styrene
Concen: 18.899 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063479.D
Acq: 21 Sep 2020 12:34

Tgt Ion:104 Resp: 193034
Ion Ratio Lower Upper
104 100
78 55.7 44.4 66.6
103 56.6 43.7 65.5





#71

Bromoform

Concen: 19.235 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBS01

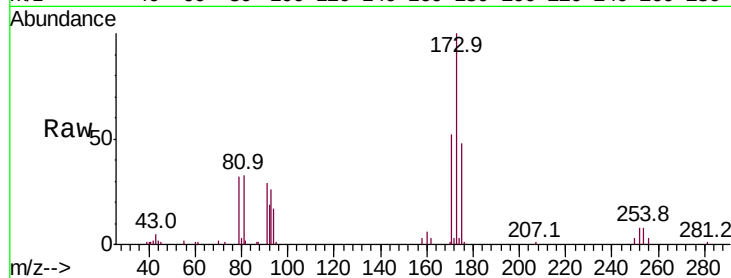
Tot Ion:173 Resp: 49462

Ion Ratio Lower Upper

173 100

175 48.9 24.0 72.0

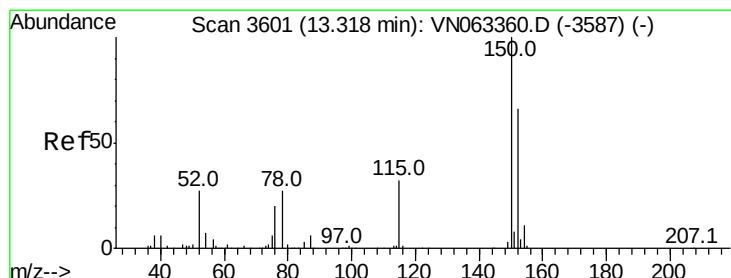
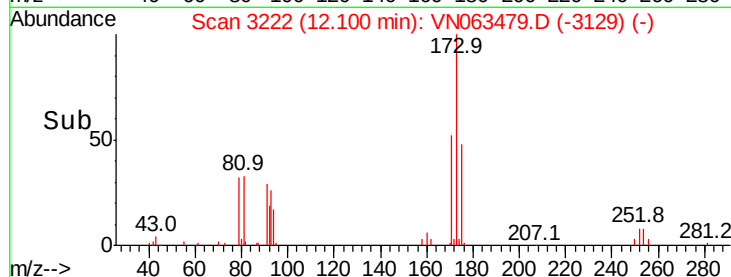
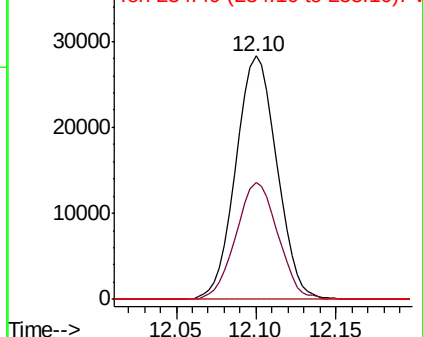
254 0.0 0.0 0.0



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: VN063479.D

Acq: 21 Sep 2020 12:34

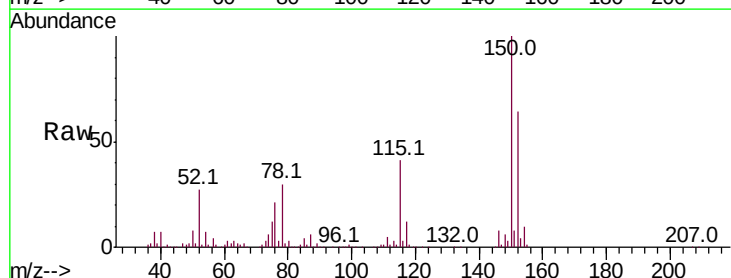
Tgt Ion:152 Resp: 213041

Ion Ratio Lower Upper

152 100

115 62.6 32.2 96.6

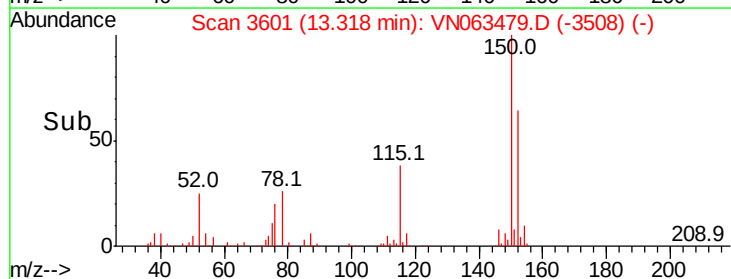
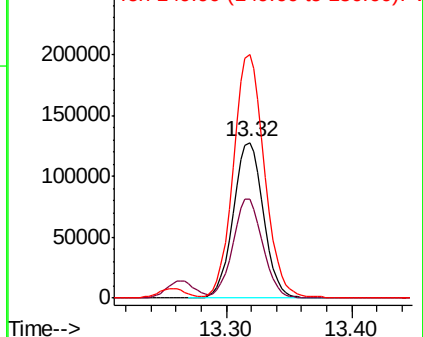
150 161.2 0.0 343.4

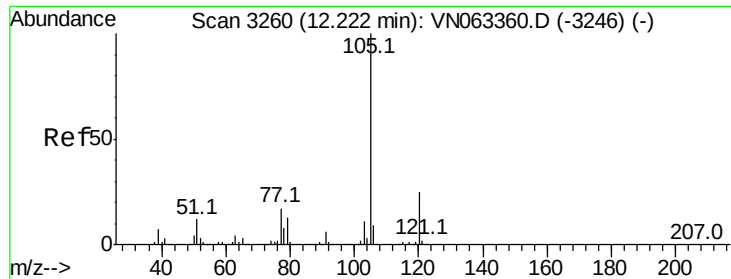


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.098 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

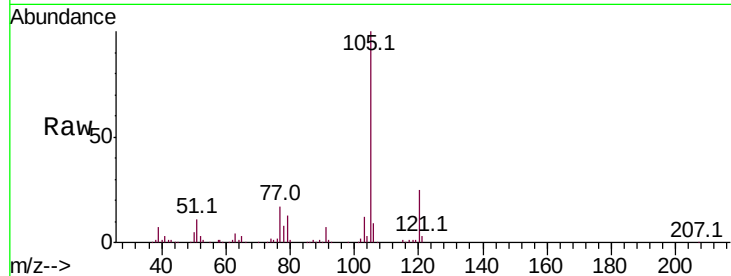
VN0921MBS01

Tot Ion:105 Resp: 308967

Ion Ratio Lower Upper

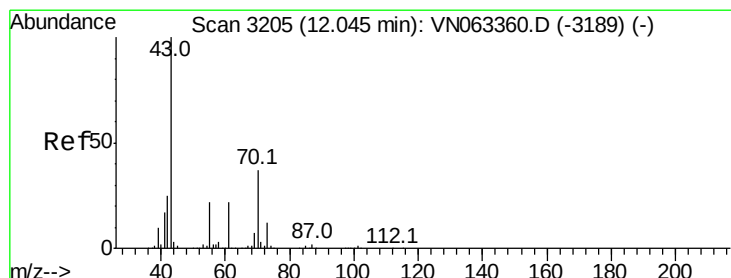
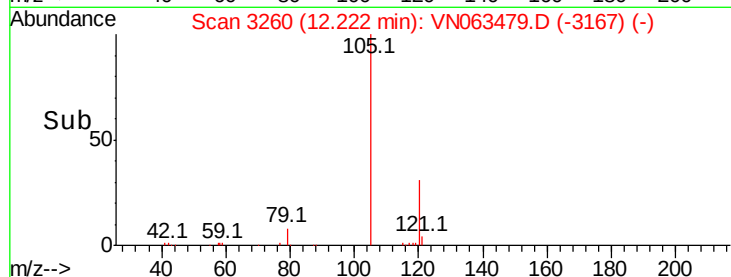
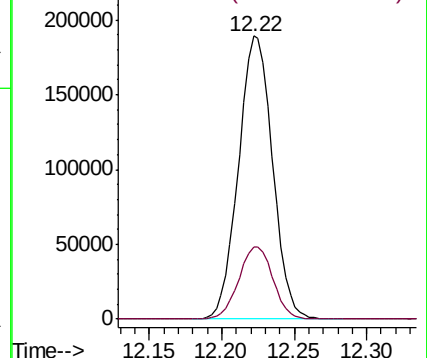
105 100

120 25.8 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.632 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Tgt Ion: 43 Resp: 142491

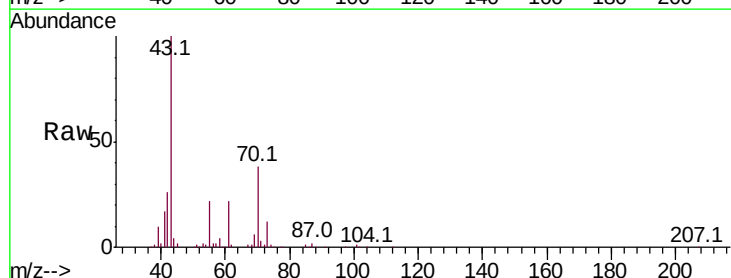
Ion Ratio Lower Upper

43 100

70 38.0 29.6 44.4

55 21.5 17.7 26.5

61 21.5 17.4 26.2

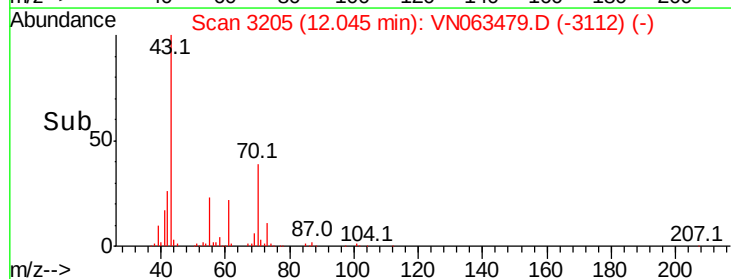
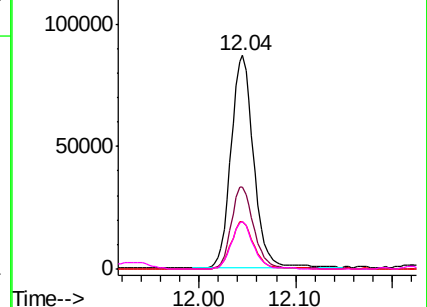


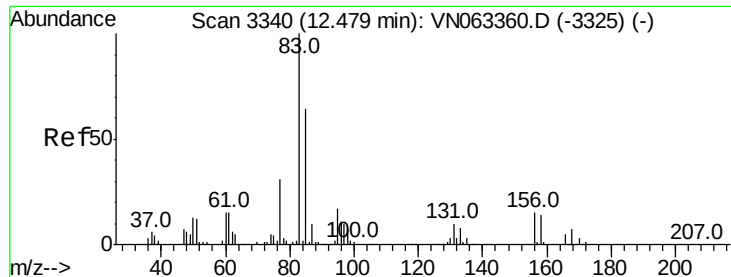
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.595 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBS01

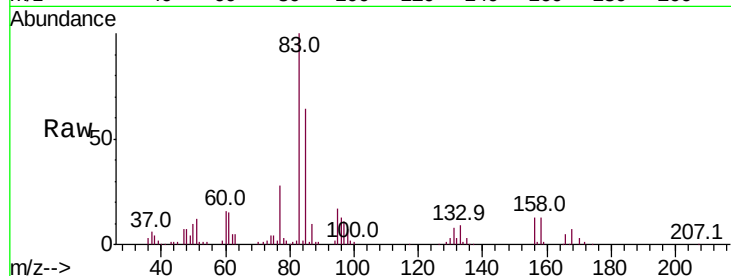
Tot Ion: 83 Resp: 98291

Ion Ratio Lower Upper

83 100

131 9.0 4.9 14.7

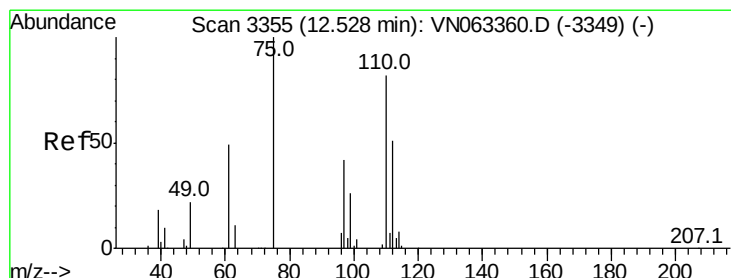
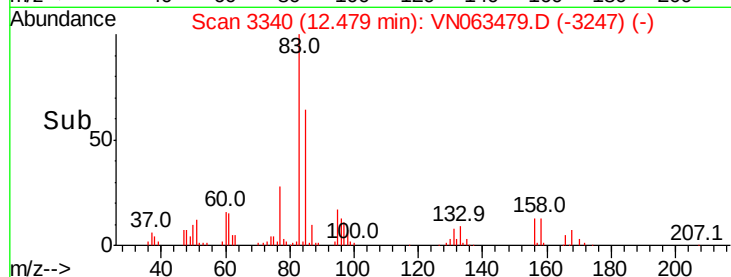
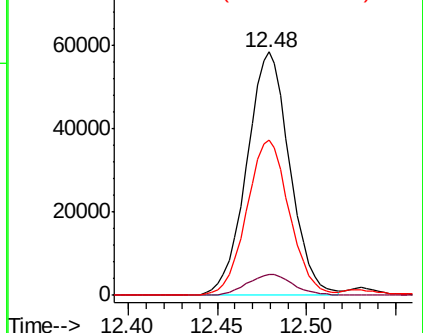
85 63.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.696 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063479.D

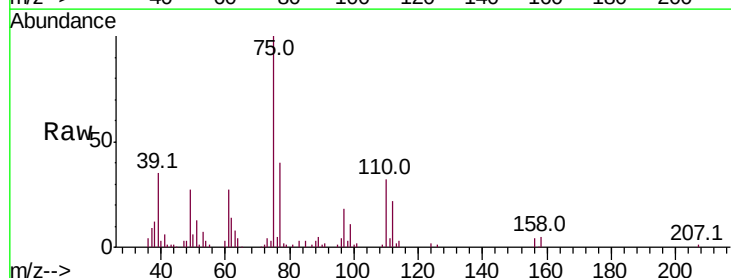
Acq: 21 Sep 2020 12:34

Tgt Ion: 75 Resp: 135494

Ion Ratio Lower Upper

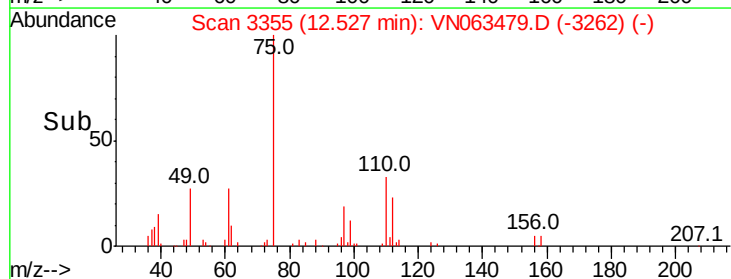
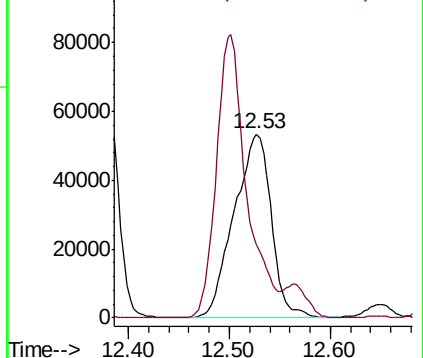
75 100

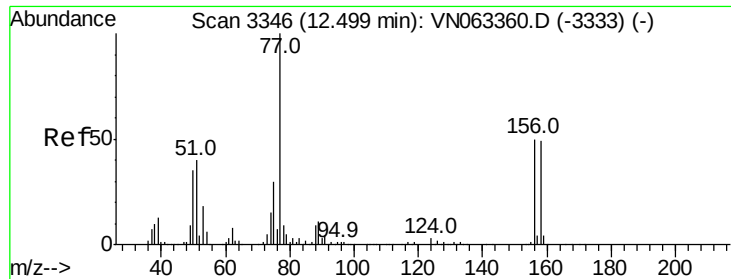
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.394 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampled :

VN0921MBS01

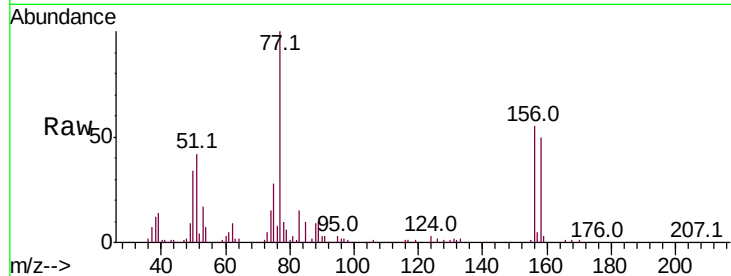
Tot Ion:156 Resp: 74476

Ion Ratio Lower Upper

156 100

77 231.1 120.2 360.6

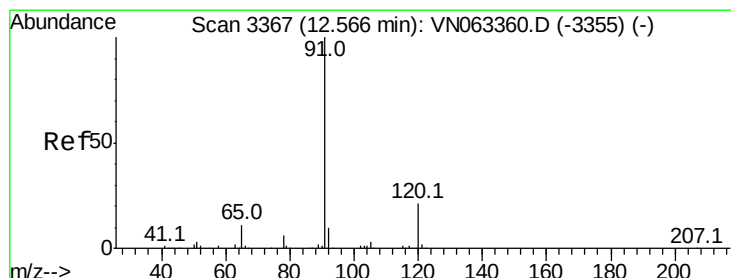
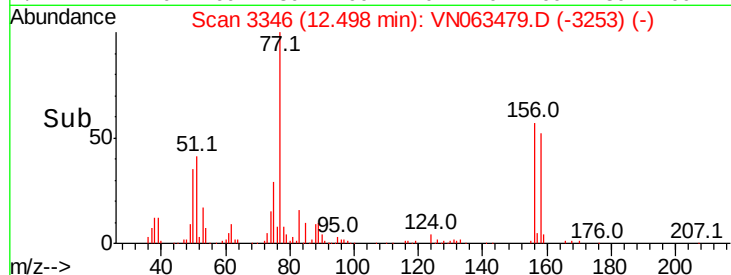
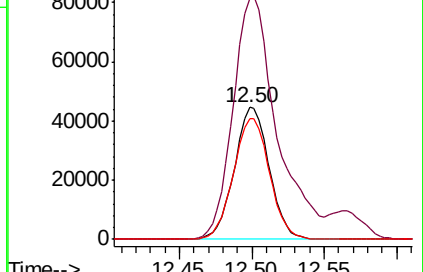
158 95.3 48.9 146.6



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: 18.366 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063479.D

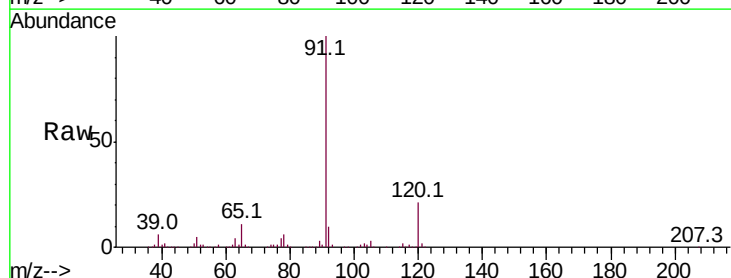
Acq: 21 Sep 2020 12:34

Tgt Ion: 91 Resp: 365195

Ion Ratio Lower Upper

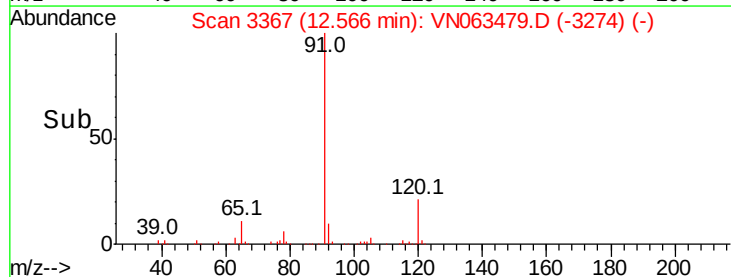
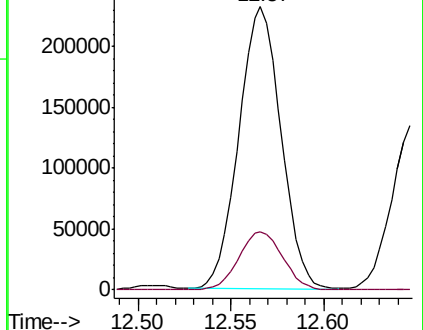
91 100

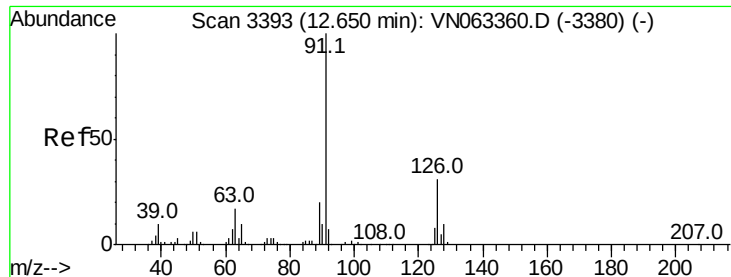
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.460 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

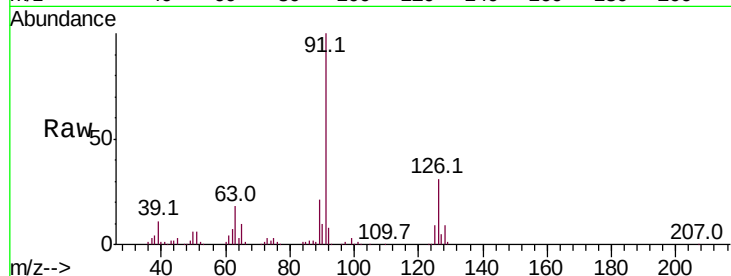
VN0921MBS01

Tot Ion: 91 Resp: 220035

Ion Ratio Lower Upper

91 100

126 31.7 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)

200000

150000

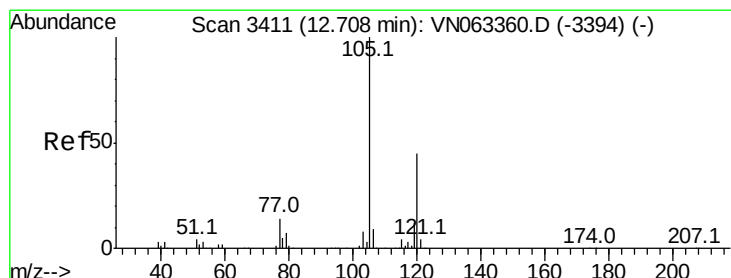
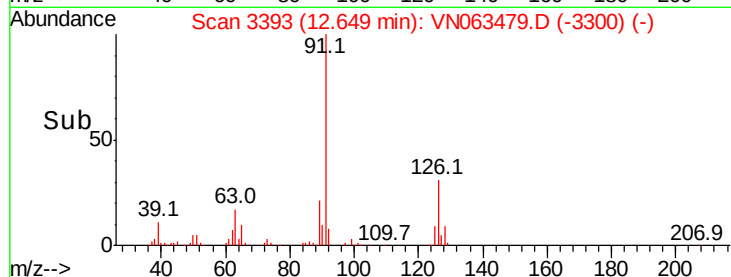
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.694 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063479.D

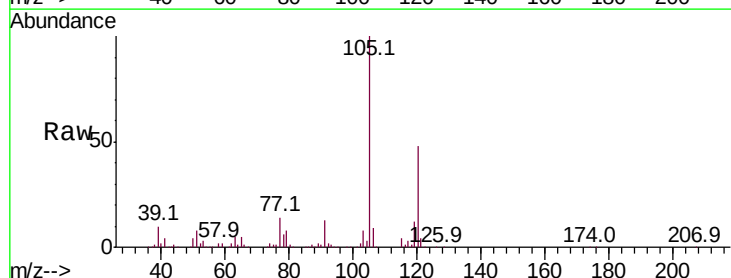
Acq: 21 Sep 2020 12:34

Tgt Ion:105 Resp: 266119

Ion Ratio Lower Upper

105 100

120 46.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)

150000

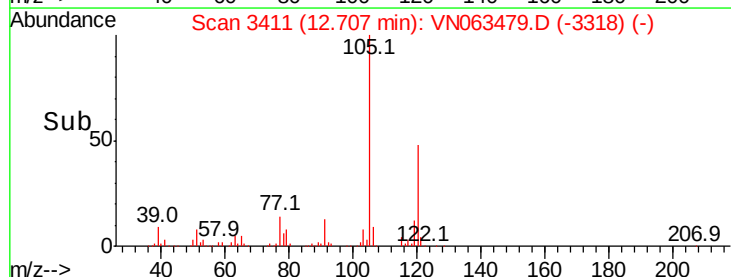
100000

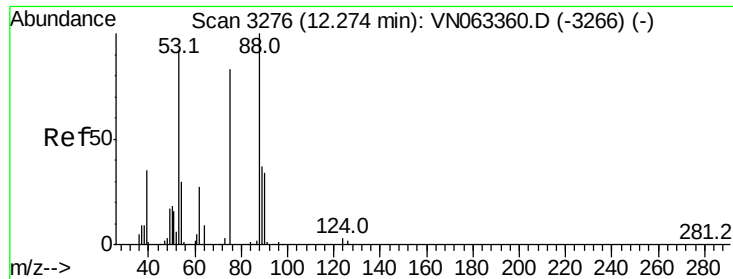
50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.664 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampled :

VN0921MBS01

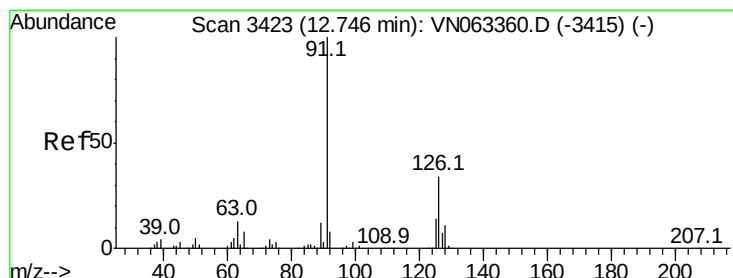
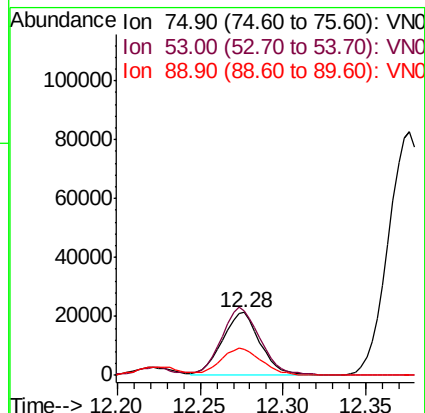
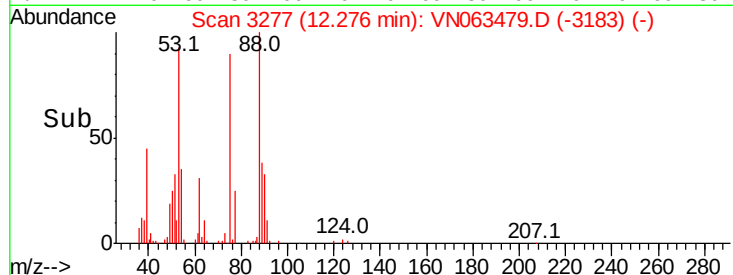
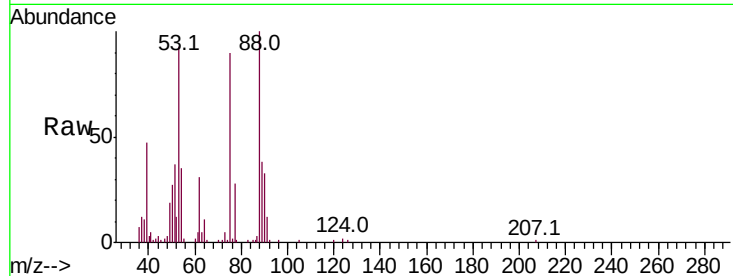
Tot Ion: 75 Resp: 33973

Ion Ratio Lower Upper

75 100

53 109.0 85.7 128.5

89 46.1 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.203 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063479.D

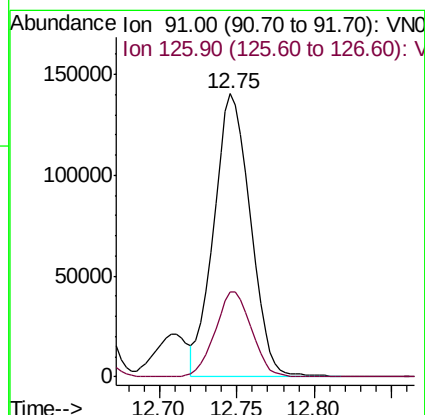
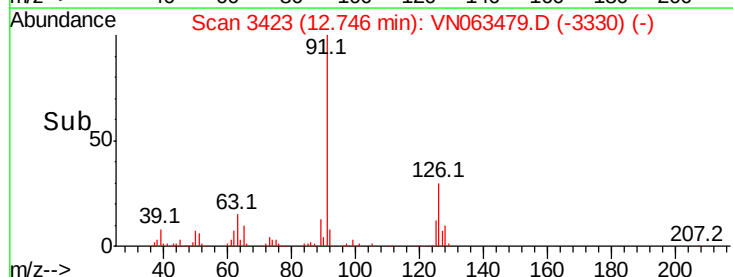
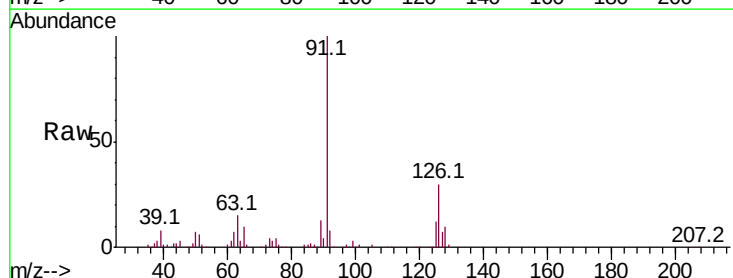
Acq: 21 Sep 2020 12:34

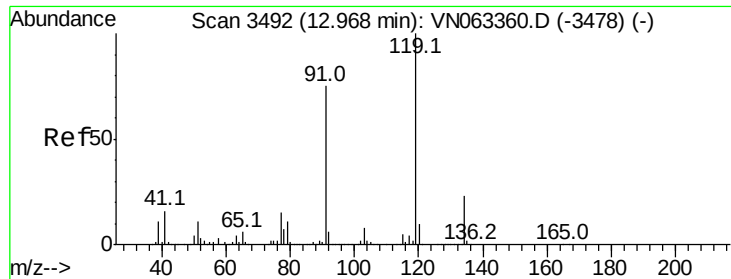
Tgt Ion: 91 Resp: 229248

Ion Ratio Lower Upper

91 100

126 30.1 15.5 46.5

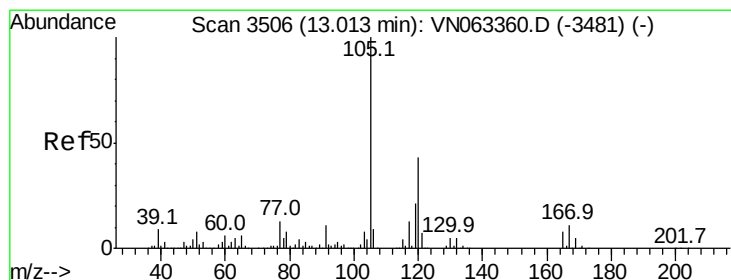
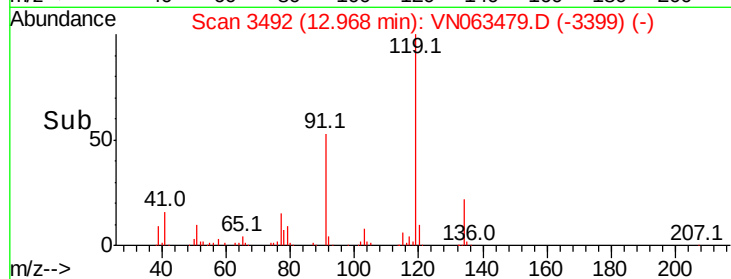
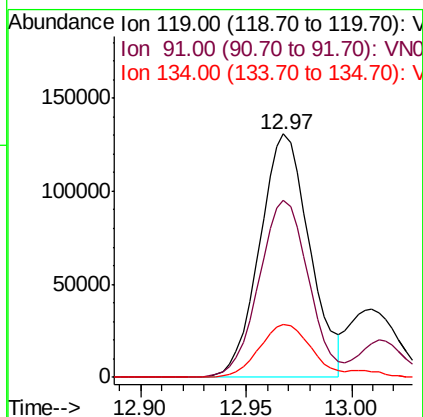
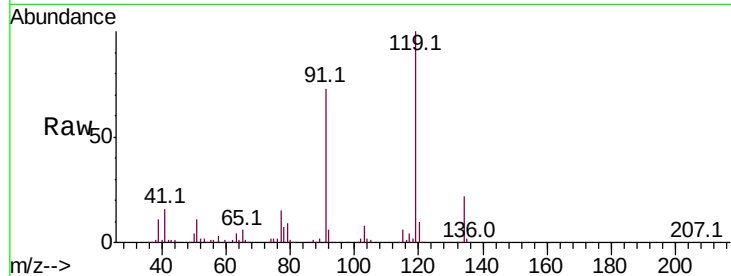




#83
 tert-Butylbenzene
 Concen: 18.377 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

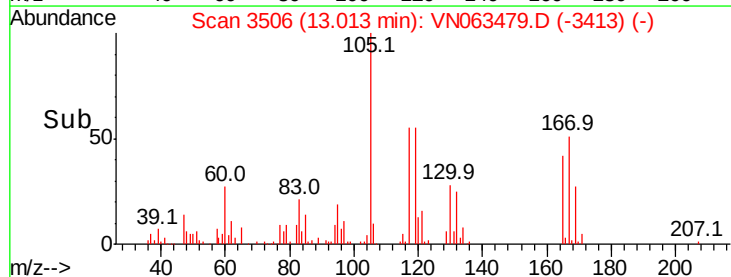
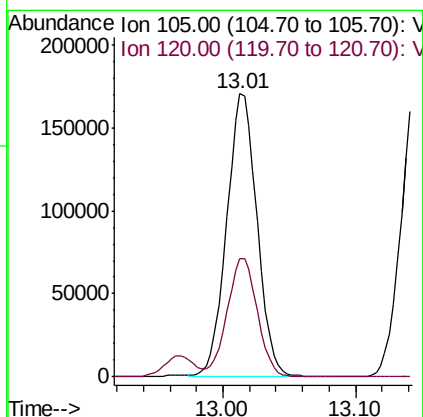
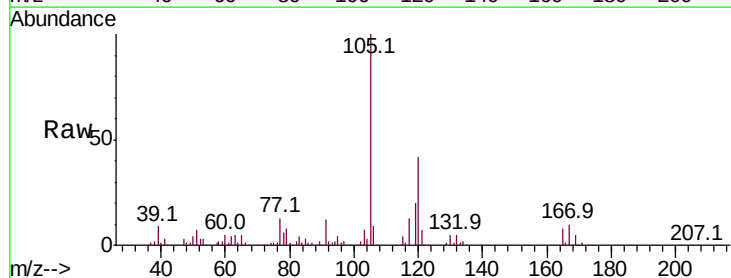
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921MBS01

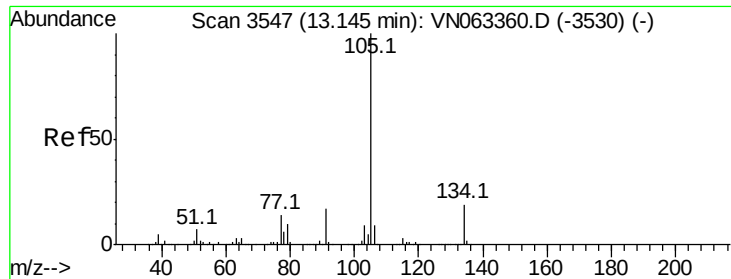
Tot Ion:119 Resp: 215923
 Ion Ratio Lower Upper
 119 100
 91 72.5 36.3 108.9
 134 22.6 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.763 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

Tgt Ion:105 Resp: 269802
 Ion Ratio Lower Upper
 105 100
 120 42.1 21.3 63.9





#85

sec-Butylbenzene

Concen: 18.294 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

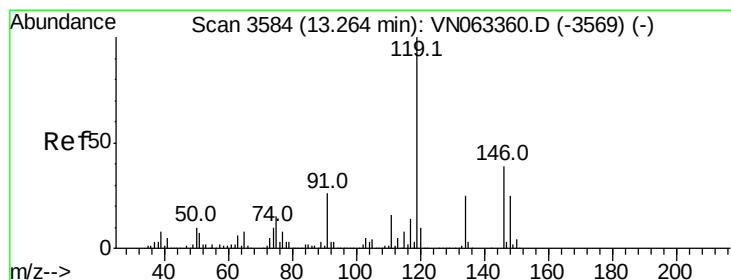
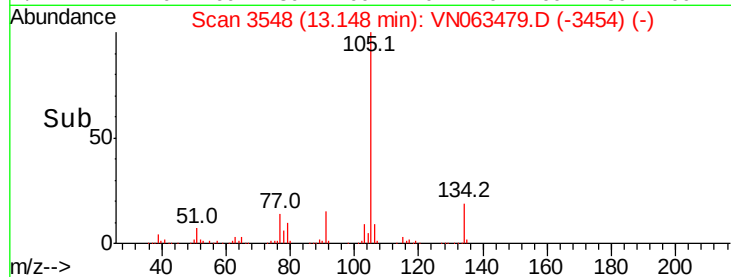
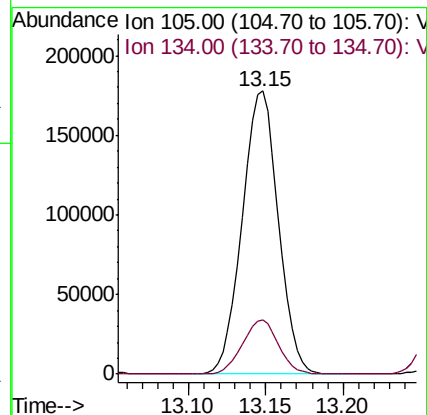
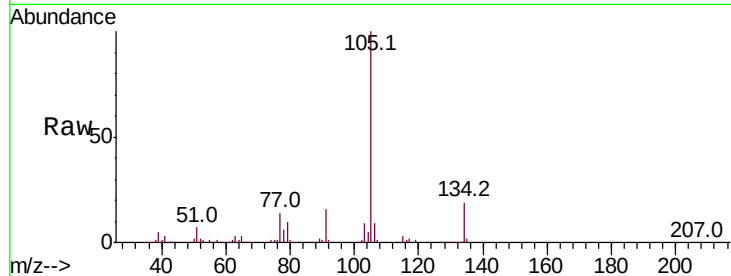
VN0921MBS01

Tot Ion:105 Resp: 287711

Ion Ratio Lower Upper

105 100

134 19.0 9.3 27.7



#86

p-Isopropyltoluene

Concen: 18.768 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

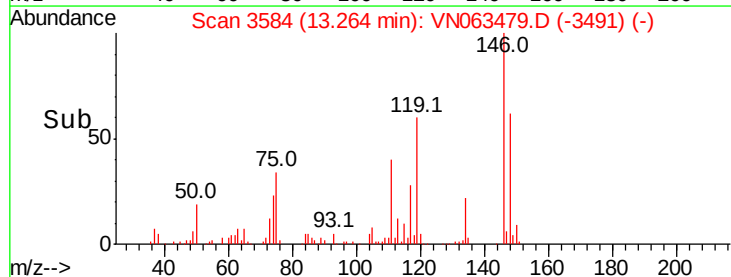
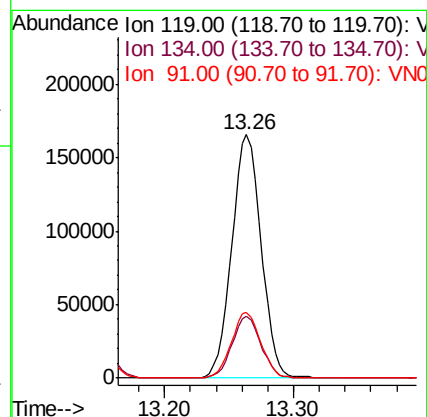
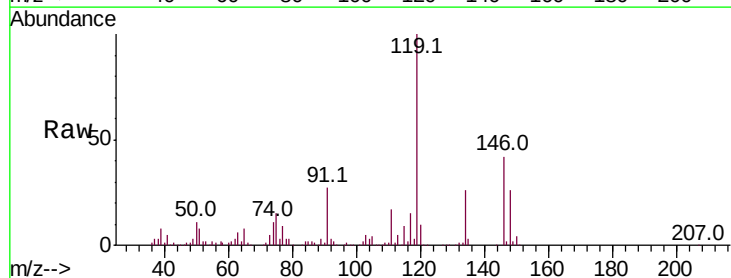
Tgt Ion:119 Resp: 260347

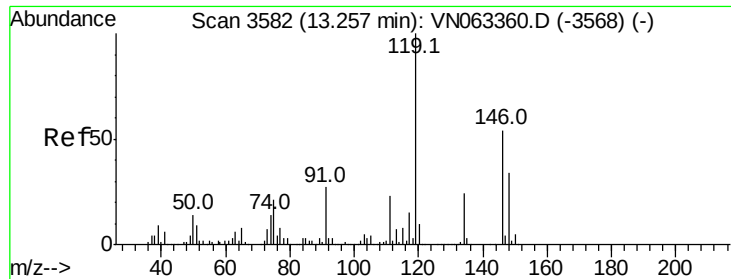
Ion Ratio Lower Upper

119 100

134 25.2 12.5 37.5

91 26.5 13.4 40.1

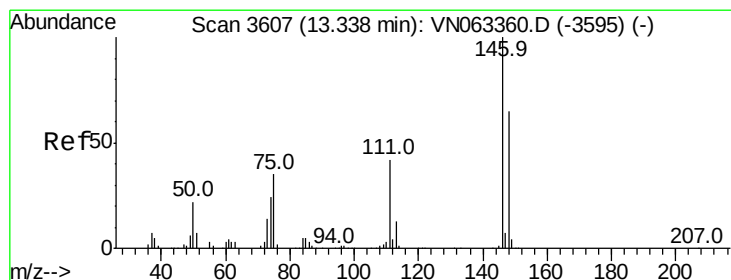
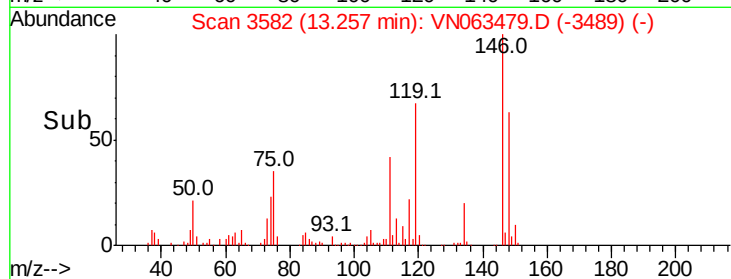
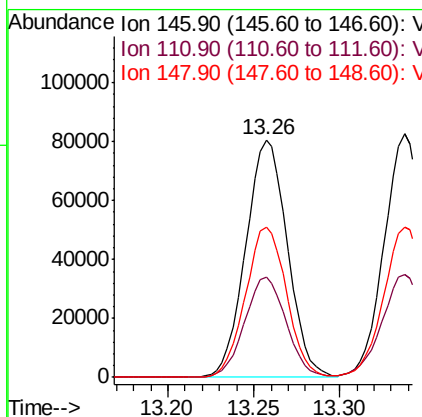
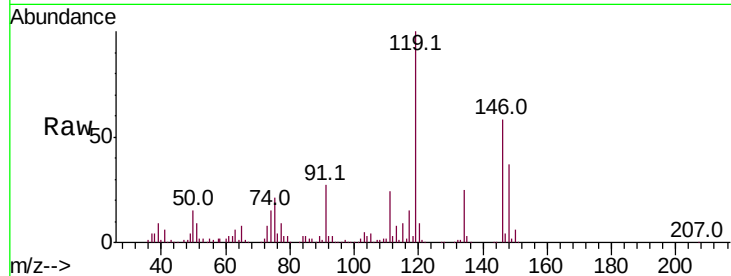




#87
 1,3-Dichlorobenzene
 Concen: 19.043 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

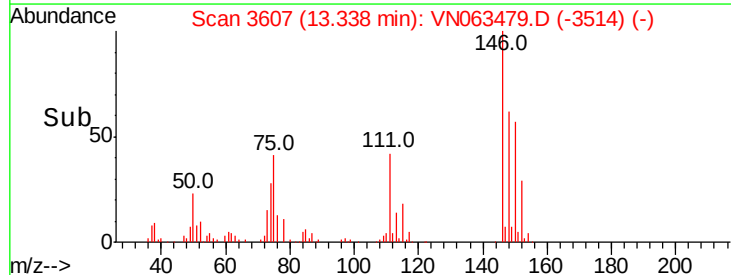
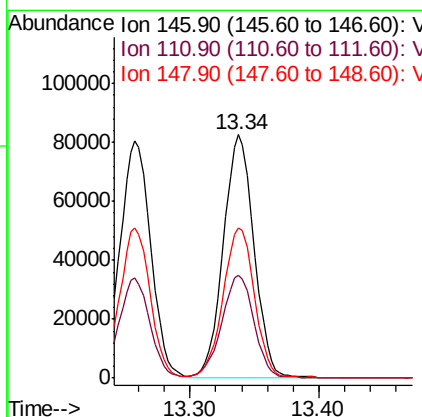
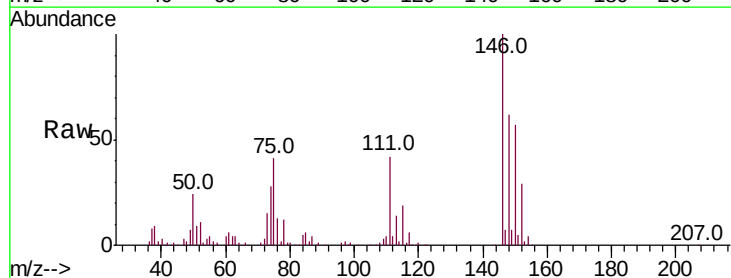
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921MBS01

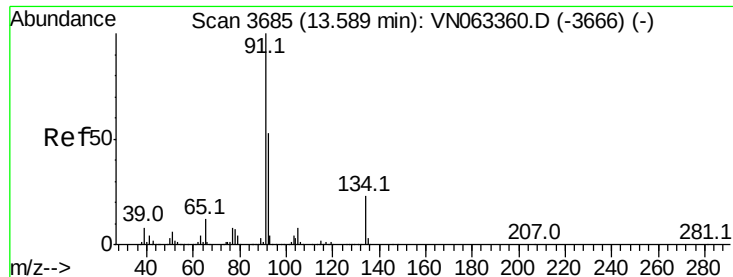
Tot Ion:146 Resp: 135541
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.4 64.3
 148 62.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.743 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

Tgt Ion:146 Resp: 135633
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.2 63.6
 148 62.9 31.9 95.9





#89

n-Butylbenzene

Concen: 18.749 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBS01

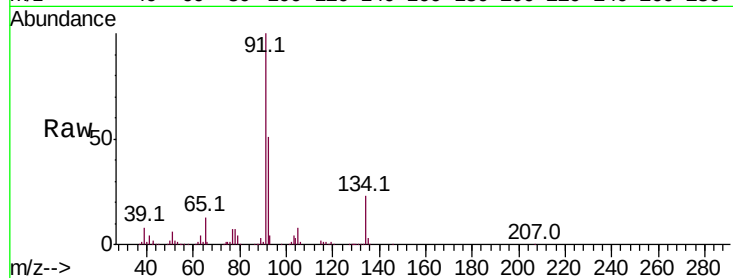
Tot Ion: 91 Resp: 239726

Ion Ratio Lower Upper

91 100

92 50.3 26.0 78.0

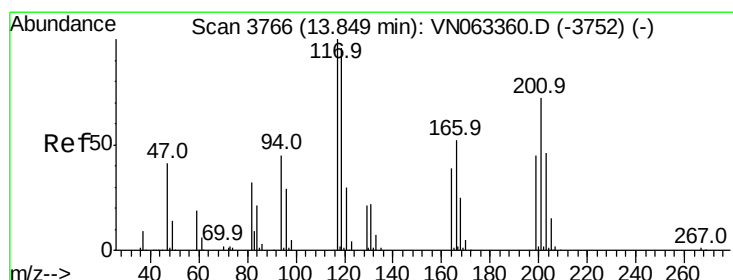
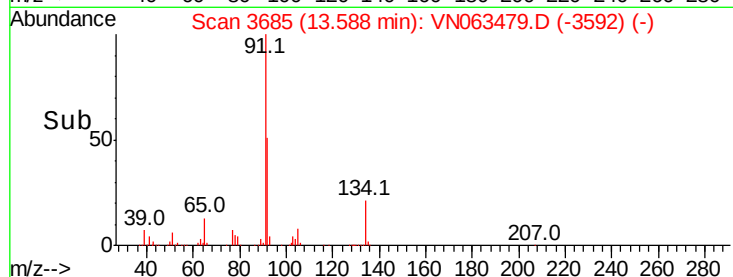
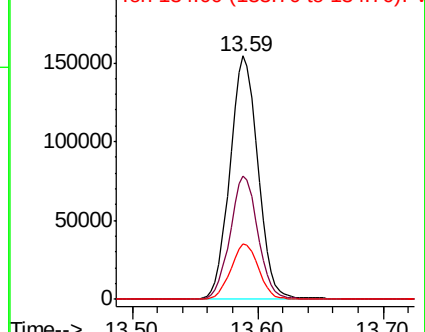
134 22.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

Ion 92.00 (91.70 to 92.70): VN063360.D (-3666) (-)

Ion 134.00 (133.70 to 134.70): VN063360.D (-3666) (-)



#90

Hexachloroethane

Concen: 17.627 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063479.D

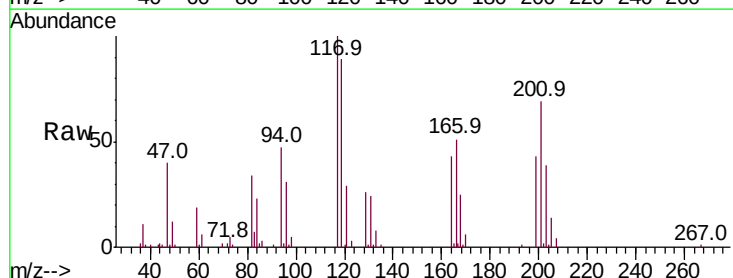
Acq: 21 Sep 2020 12:34

Tgt Ion: 117 Resp: 46560

Ion Ratio Lower Upper

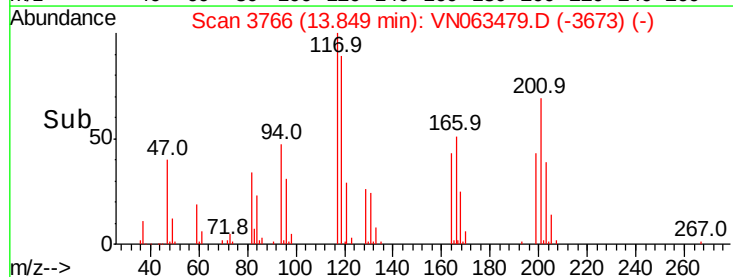
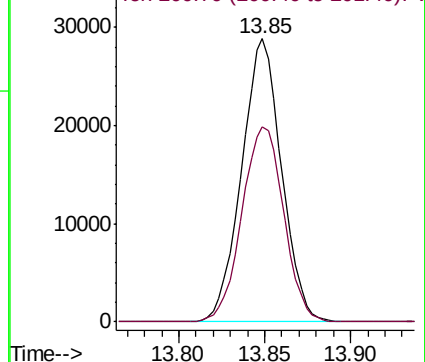
117 100

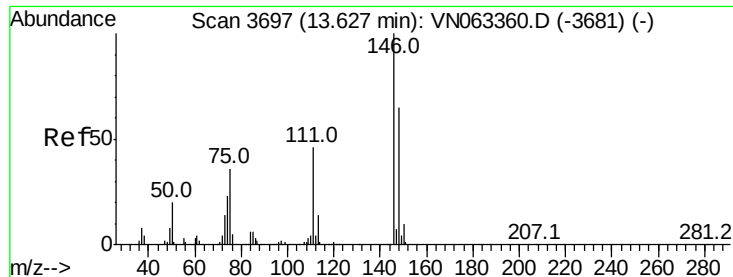
201 72.1 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063360.D (-3752) (-)

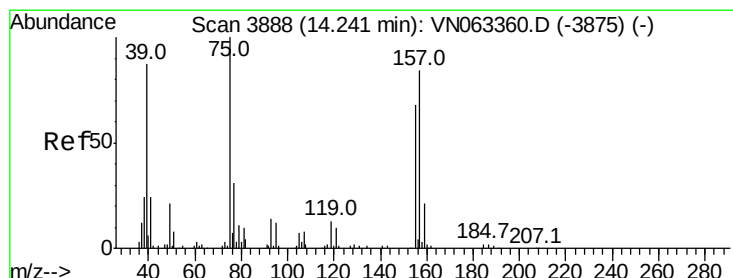
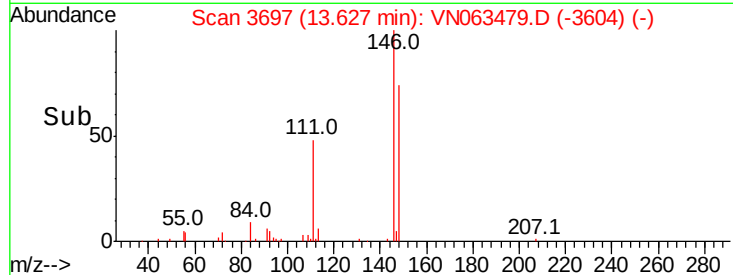
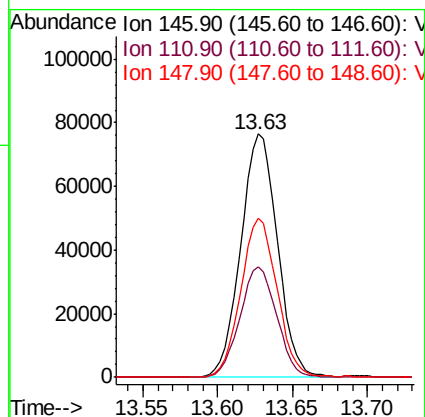
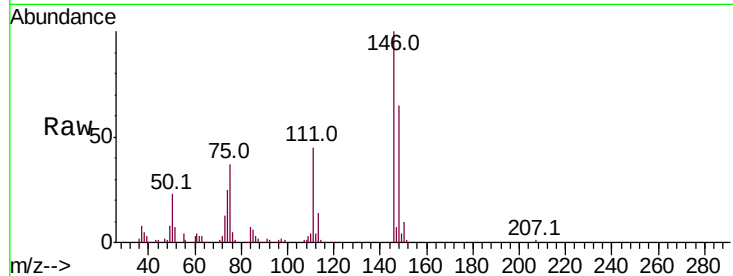




#91
 1,2-Dichlorobenzene
 Concen: 18.736 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

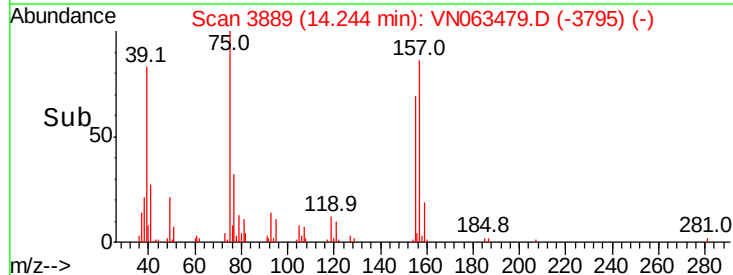
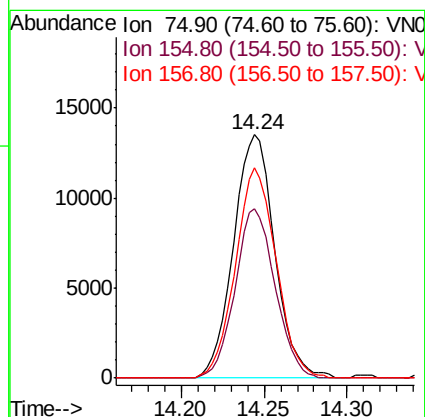
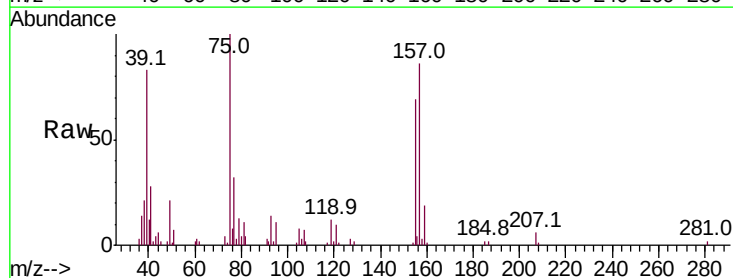
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921MBS01

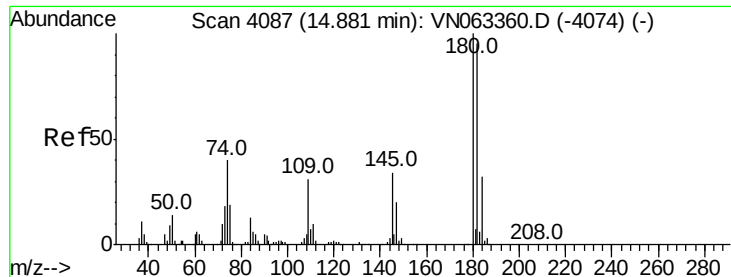
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.4	67.2
148	64.5	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.557 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.5	34.6	103.9
157	85.2	43.7	131.1

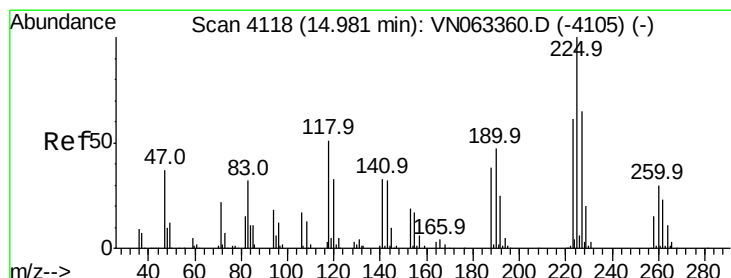
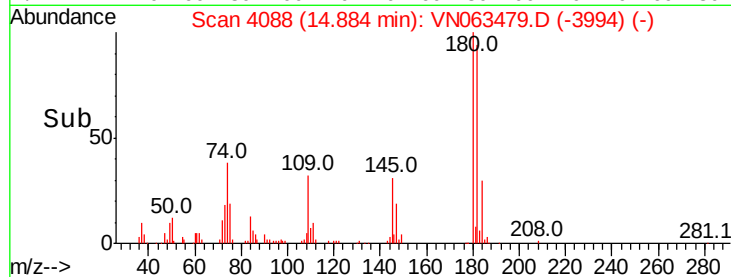
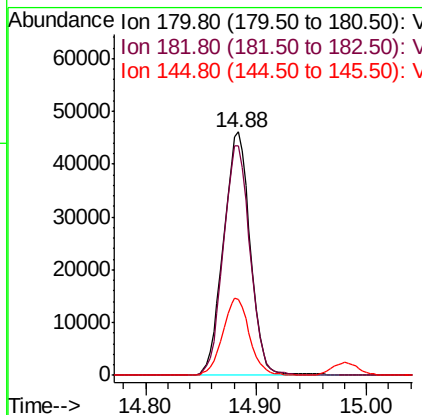
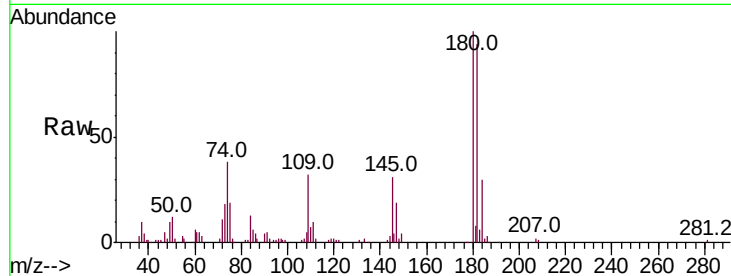




#93
 1,2,4-Trichlorobenzene
 Concen: 18.781 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

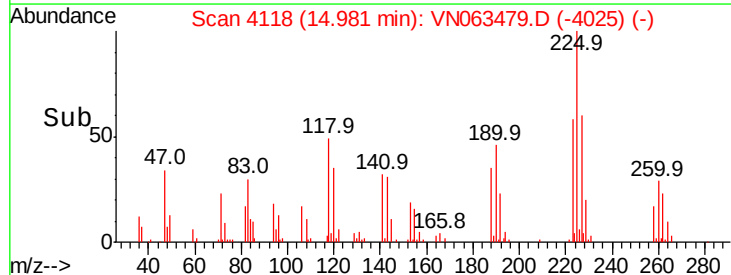
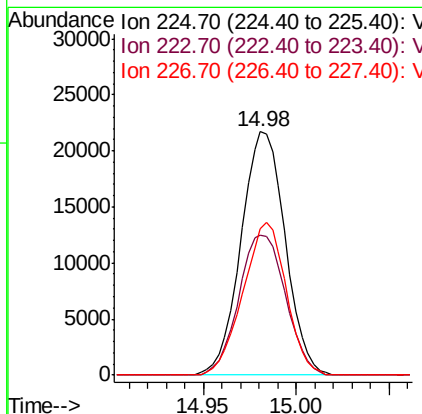
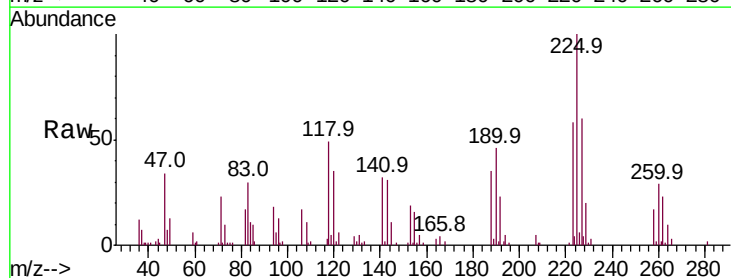
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921MBS01

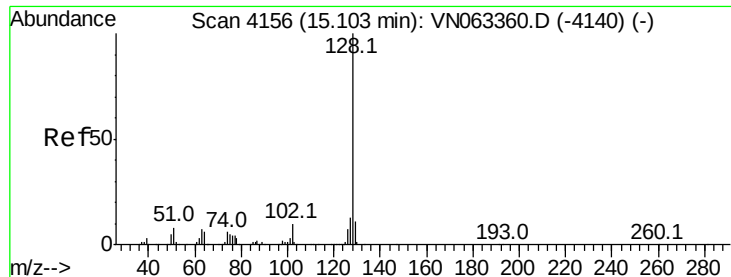
Tot Ion:180 Resp: 77372
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 142.0
 145 31.7 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 21.098 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063479.D
 Acq: 21 Sep 2020 12:34

Tgt Ion:225 Resp: 35982
 Ion Ratio Lower Upper
 225 100
 223 61.0 30.6 91.6
 227 61.4 31.2 93.6





#95

Naphthalene

Concen: 18.622 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBS01

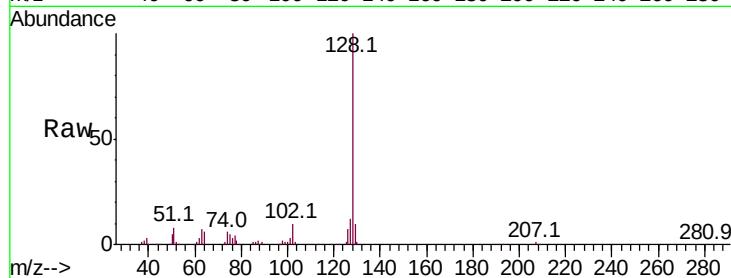
Tot Ion:128 Resp: 253451

Ion Ratio Lower Upper

128 100

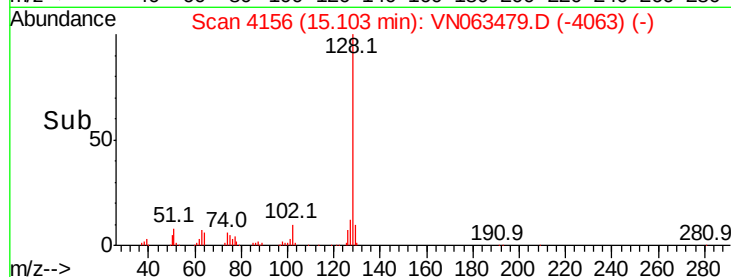
127 12.7 10.6 15.8

129 10.2 8.8 13.2

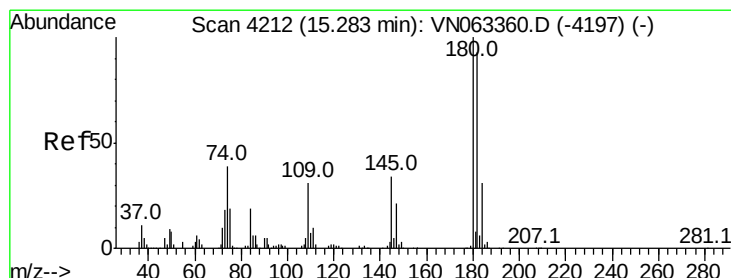


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

15.10



Time--> 15.00 15.10 15.20



#96

1,2,3-Trichlorobenzene

Concen: 18.889 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063479.D

Acq: 21 Sep 2020 12:34

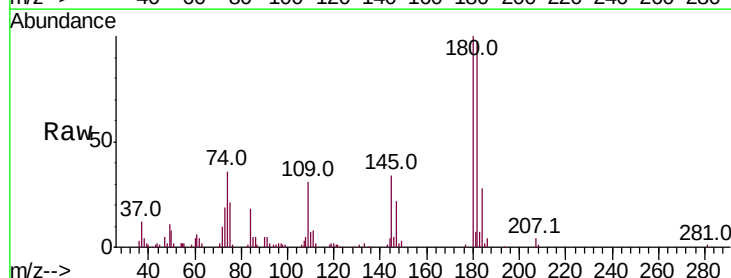
Tgt Ion:180 Resp: 75187

Ion Ratio Lower Upper

180 100

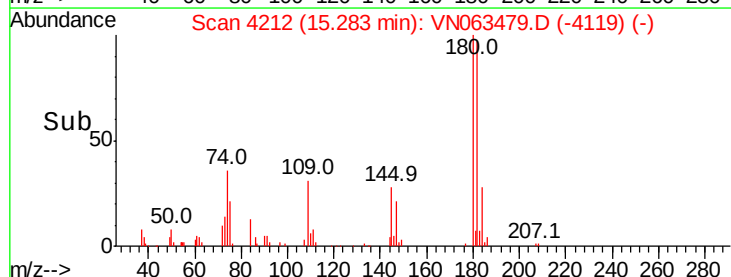
182 93.1 46.7 140.1

145 33.3 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

15.28



Time--> 15.20 15.30 15.40