

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063649.D
 Acq On : 25 Sep 2020 00:38
 Operator : JC/MD
 Sample : VN0924WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Quant Time: Sep 25 05:36:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	246757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	434073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185909	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	204159	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.55	113	139530	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
50) Toluene-d8	10.06	98	520673	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
62) 4-Bromofluorobenzene	12.38	95	192744	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	45344	16.220	ug/l	99
3) Chloromethane	2.04	50	57310	15.497	ug/l	99
4) Vinyl Chloride	2.17	62	56028	17.100	ug/l	99
5) Bromomethane	2.54	94	37969	19.517	ug/l	95
6) Chloroethane	2.68	64	37263	18.527	ug/l	98
7) Trichlorofluoromethane	2.99	101	90833	18.581	ug/l	100
8) Diethyl Ether	3.38	74	33458	17.557	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49370	17.958	ug/l	99
10) Methyl Iodide	3.91	142	58264	16.278	ug/l	97
11) Tert butyl alcohol	4.73	59	43453	74.673	ug/l	99
12) 1,1-Dichloroethene	3.69	96	46570	16.724	ug/l	98
13) Acrolein	3.58	56	15121	70.119	ug/l #	53
14) Allyl chloride	4.28	41	86720	15.744	ug/l	95
15) Acrylonitrile	4.93	53	126591	85.523	ug/l	99
16) Acetone	3.78	43	121140	89.736	ug/l	99
17) Carbon Disulfide	4.01	76	118566	14.638	ug/l	97
18) Methyl Acetate	4.28	43	62492	18.235	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	175450	16.905	ug/l	98
20) Methylene Chloride	4.51	84	58150	17.002	ug/l	91
21) trans-1,2-Dichloroethene	4.99	96	52086	16.883	ug/l	98
22) Diisopropyl ether	5.90	45	194210	17.288	ug/l	98
23) Vinyl Acetate	5.85	43	771487	83.623	ug/l	100
24) 1,1-Dichloroethane	5.80	63	106299	17.332	ug/l	99
25) 2-Butanone	6.79	43	176716	85.115	ug/l	100
26) 2,2-Dichloropropane	6.78	77	71899	13.315	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	60379	17.291	ug/l	99
28) Bromochloromethane	7.15	49	48694	17.195	ug/l	98
29) Tetrahydrofuran	7.17	42	120643	85.080	ug/l	96
30) Chloroform	7.33	83	111166	18.066	ug/l	100
31) Cyclohexane	7.62	56	89243	15.383	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	96036	17.548	ug/l	97
36) 1,1-Dichloropropene	7.75	75	75593	16.346	ug/l	99
37) Ethyl Acetate	6.88	43	78152	17.219	ug/l	97
38) Carbon Tetrachloride	7.74	117	83165	17.617	ug/l	97

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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)
39) Methylcyclohexane	9.05	83	72695	14.484	ug/l	95
40) Benzene	8.00	78	230321	17.447	ug/l	97
41) Methacrylonitrile	7.16	41	115849	56.752	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	98173	18.493	ug/l	98
43) Isopropyl Acetate	8.13	43	129447	15.950	ug/l	100
44) Trichloroethene	8.80	130	55510	17.337	ug/l	99
45) 1,2-Dichloropropane	9.09	63	64555	17.955	ug/l	98
46) Dibromomethane	9.18	93	41788	17.684	ug/l	100
47) Bromodichloromethane	9.37	83	86691	17.659	ug/l	99
48) Methyl methacrylate	9.17	41	63369	15.893	ug/l	96
49) 1,4-Dioxane	9.17	88	17518	306.154	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	399011	87.822	ug/l	99
52) Toluene	10.13	92	142764	17.987	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	87257	15.921	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	94247	16.303	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	58416	18.530	ug/l	97
56) Ethyl methacrylate	10.40	69	79055	16.063	ug/l	99
57) 1,3-Dichloropropane	10.68	76	98139	17.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	206526	79.995	ug/l	99
59) 2-Hexanone	10.72	43	278956	84.748	ug/l	100
60) Dibromochloromethane	10.87	129	61396	17.238	ug/l	100
61) 1,2-Dibromoethane	10.98	107	59682	18.222	ug/l	99
64) Tetrachloroethene	10.60	164	52772	19.107	ug/l	96
65) Chlorobenzene	11.41	112	148212	17.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57404	18.188	ug/l	96
67) Ethyl Benzene	11.49	91	270132	16.660	ug/l	100
68) m/p-Xylenes	11.59	106	196551	33.621	ug/l	100
69) o-Xylene	11.92	106	95750	17.193	ug/l	98
70) Styrene	11.94	104	160783	17.216	ug/l	99
71) Bromoform	12.10	173	37937	16.135	ug/l #	100
73) Isopropylbenzene	12.23	105	255302	17.137	ug/l	100
74) N-amyl acetate	12.04	43	110936	15.731	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	80851	17.528	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	107944	23.458	ug/l #	100
77) Bromobenzene	12.50	156	60063	17.923	ug/l	97
78) n-propylbenzene	12.57	91	291981	16.827	ug/l	99
79) 2-Chlorotoluene	12.65	91	181516	17.451	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	216718	17.445	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24069	14.341	ug/l	95
82) 4-Chlorotoluene	12.75	91	191783	17.451	ug/l	99
83) tert-Butylbenzene	12.97	119	172231	16.798	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	215611	17.183	ug/l	100
85) sec-Butylbenzene	13.15	105	229408	16.715	ug/l	99
86) p-Isopropyltoluene	13.26	119	198330	16.384	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	108393	17.451	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	106423	16.853	ug/l	94
89) n-Butylbenzene	13.59	91	171107	15.335	ug/l	97
90) Hexachloroethane	13.85	117	36038	15.635	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109057	17.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17245	15.700	ug/l	98

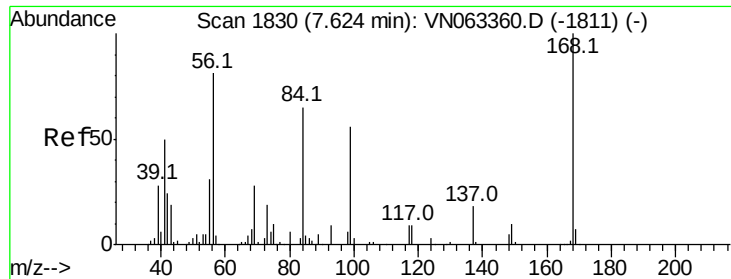
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54389	15.129	ug/l	97
94) Hexachlorobutadiene	14.98	225	26897	18.072	ug/l	96
95) Naphthalene	15.11	128	174789	14.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	53314	15.348	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

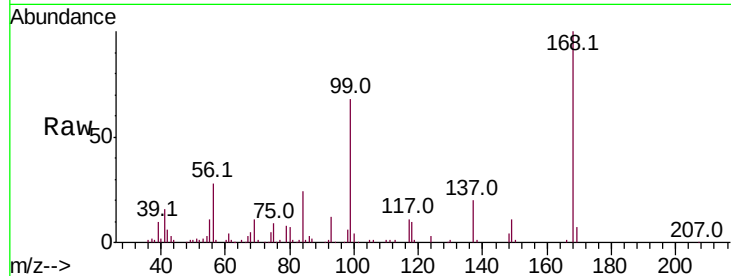
VN0924WBS02

Tot Ion:168 Resp: 246757

Ion Ratio Lower Upper

168 100

99 68.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

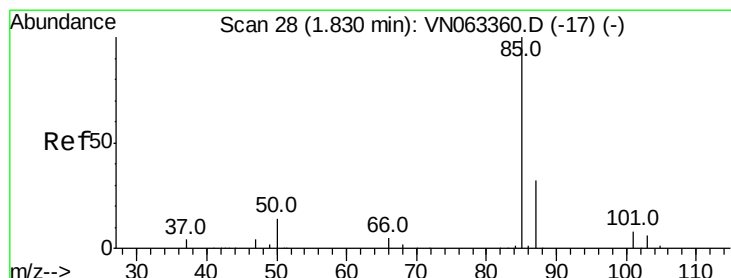
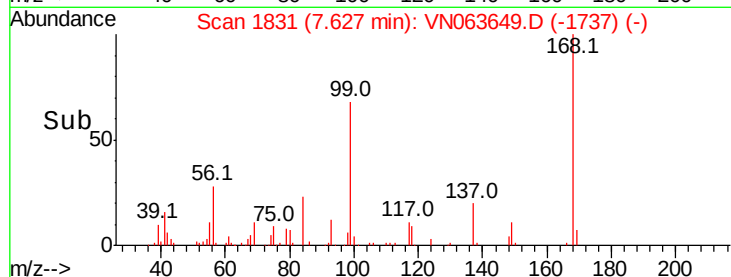
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.220 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063649.D

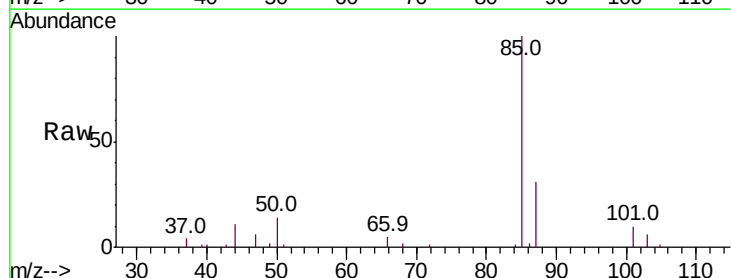
Acq: 25 Sep 2020 00:38

Tgt Ion: 85 Resp: 45344

Ion Ratio Lower Upper

85 100

87 30.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

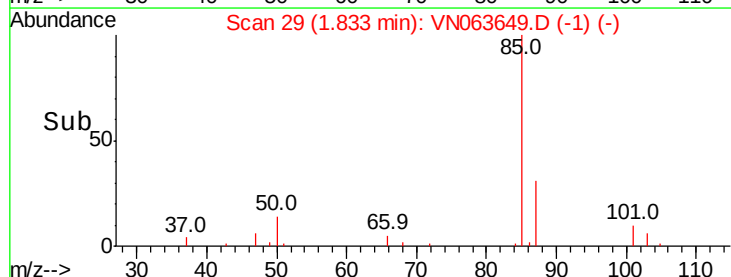
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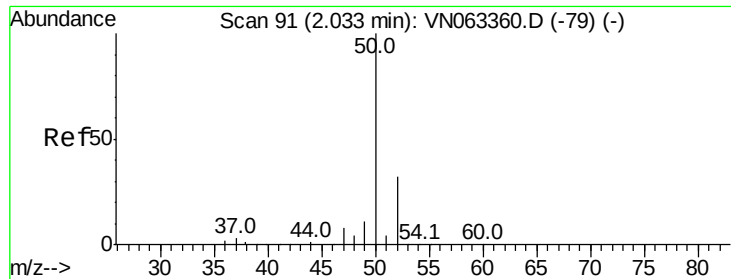
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10000

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Time-->





#3

Chloromethane

Concen: 15.497 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

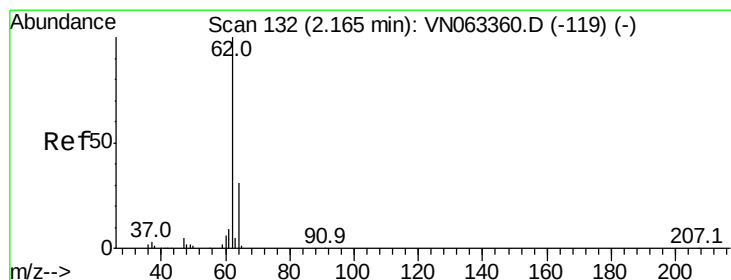
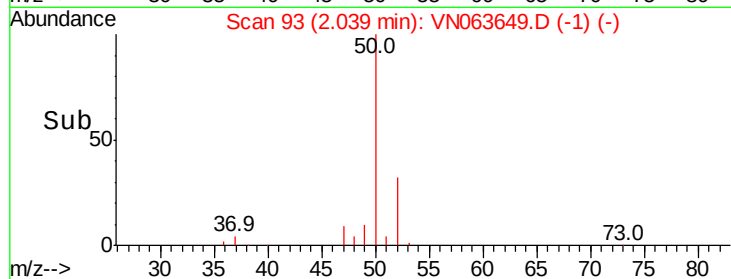
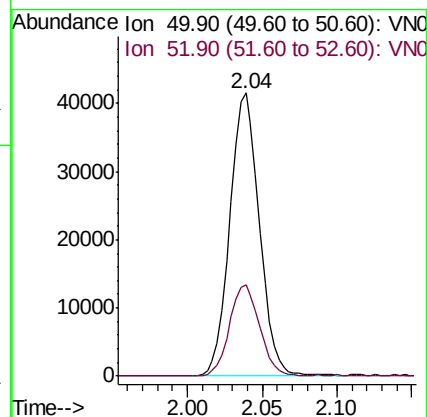
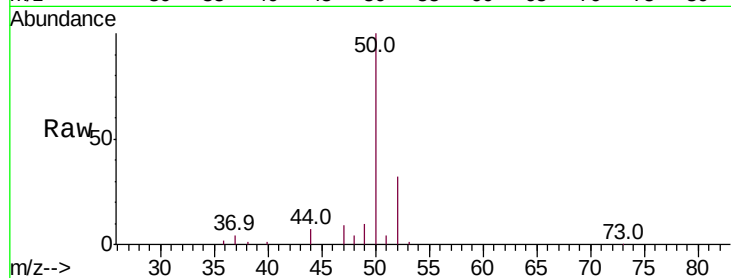
VN0924WBS02

Tot Ion: 50 Resp: 57310

Ion Ratio Lower Upper

50 100

52 32.1 25.9 38.9



#4

Vinyl Chloride

Concen: 17.100 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063649.D

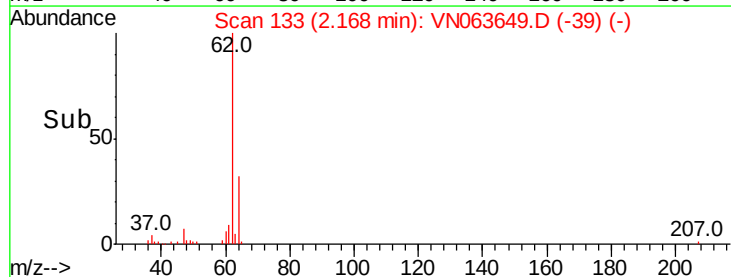
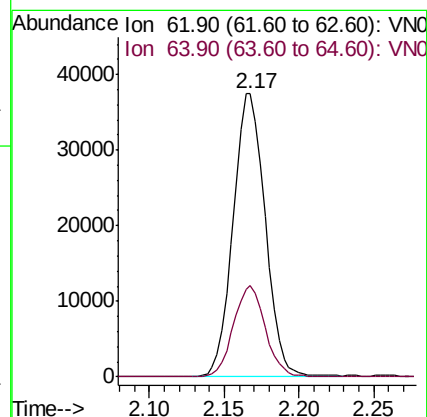
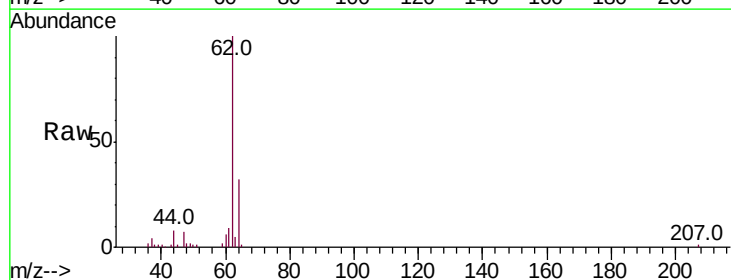
Acq: 25 Sep 2020 00:38

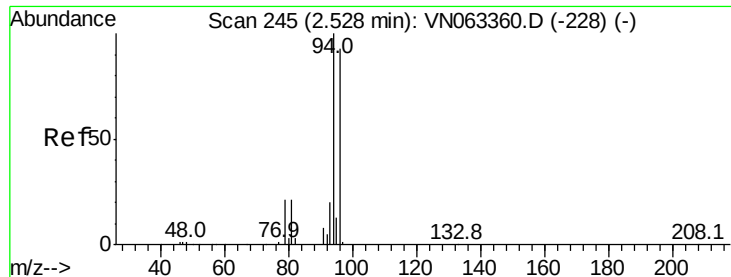
Tgt Ion: 62 Resp: 56028

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 19.517 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

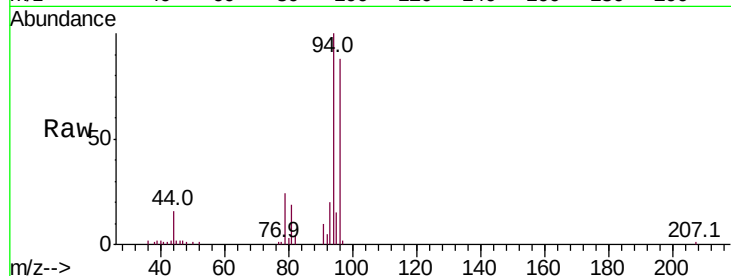
VN0924WBS02

Tot Ion: 94 Resp: 37969

Ion Ratio Lower Upper

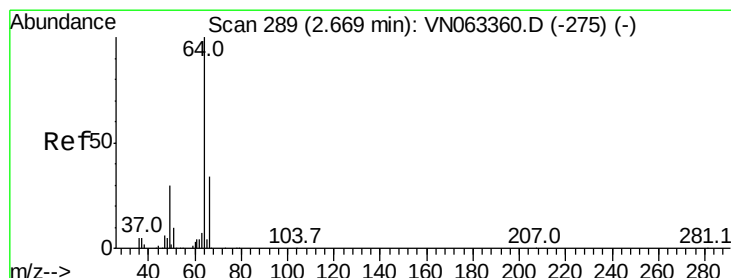
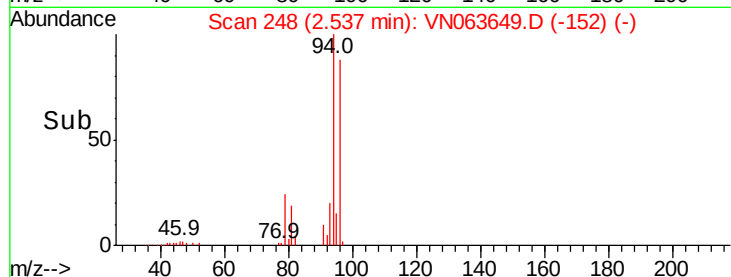
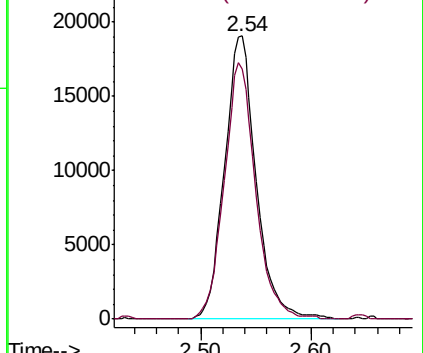
94 100

96 88.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.527 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063649.D

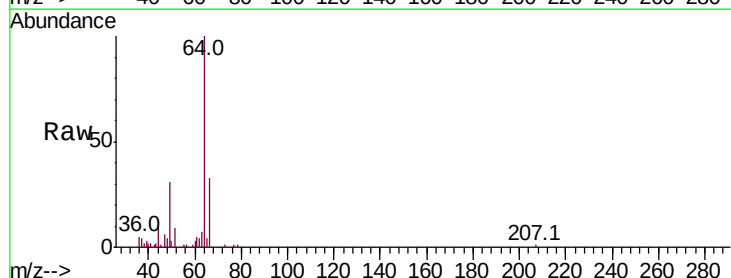
Acq: 25 Sep 2020 00:38

Tgt Ion: 64 Resp: 37263

Ion Ratio Lower Upper

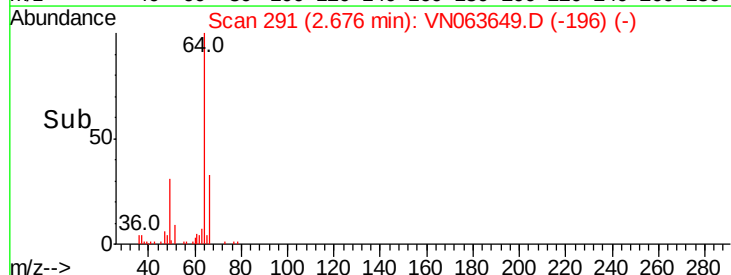
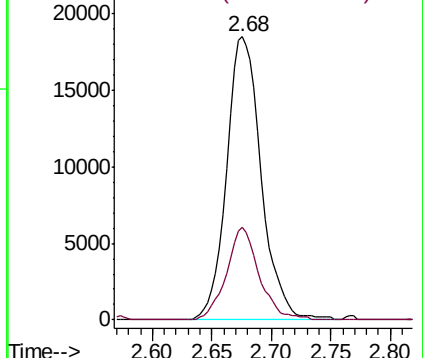
64 100

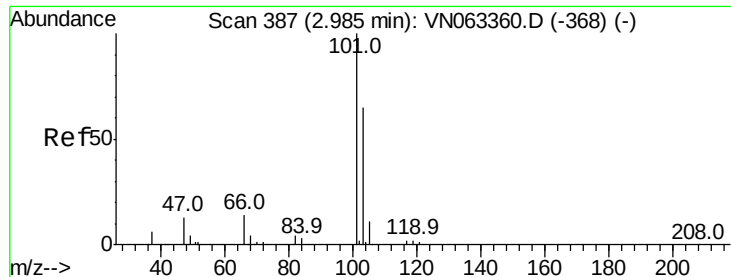
66 32.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



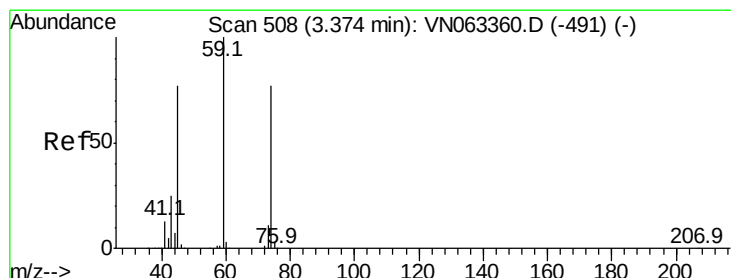
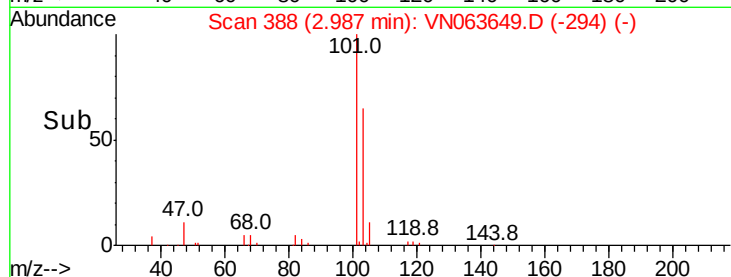
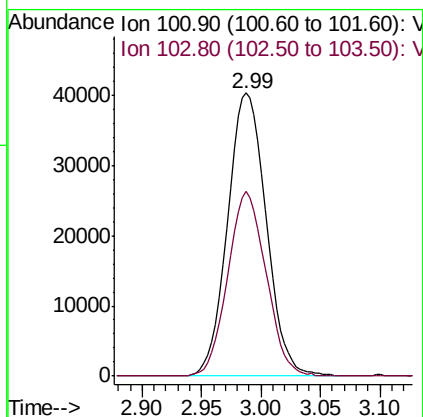
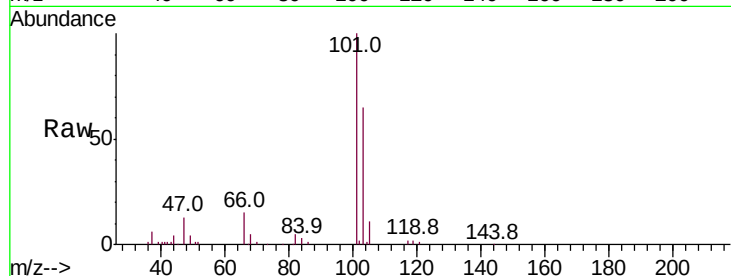


#7

Trichlorofluoromethane
 Concen: 18.581 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

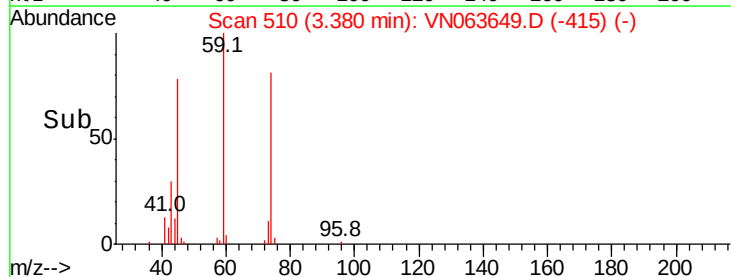
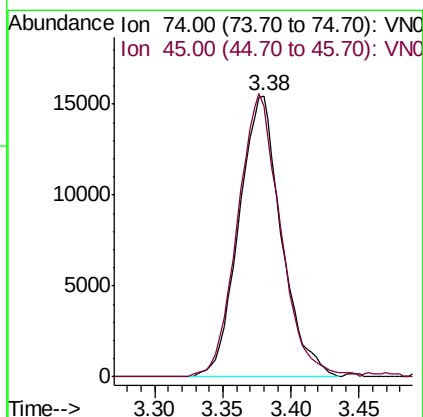
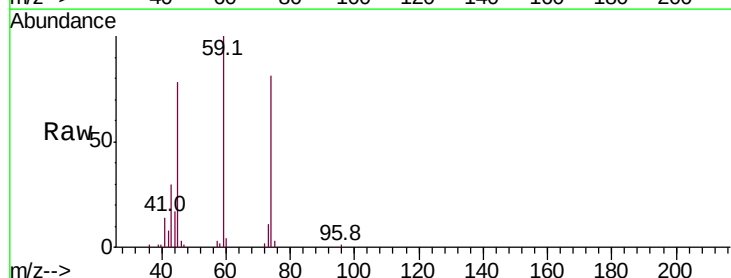
Tot Ion:101 Resp: 90833
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.3 78.5

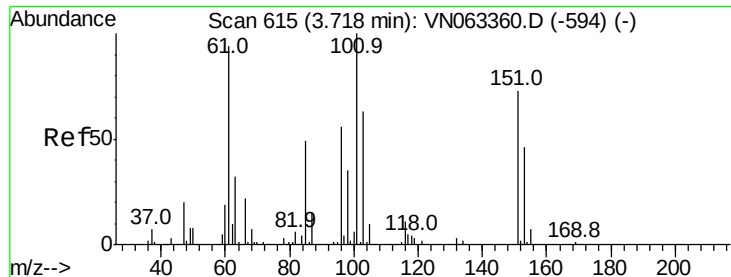


#8

Diethyl Ether
 Concen: 17.557 ug/l
 RT: 3.38 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion: 74 Resp: 33458
 Ion Ratio Lower Upper
 74 100
 45 101.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.958 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

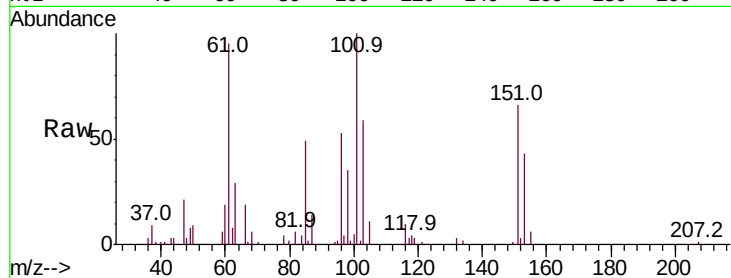
Tot Ion:101 Resp: 49370

Ion Ratio Lower Upper

101 100

85 46.8 37.7 56.5

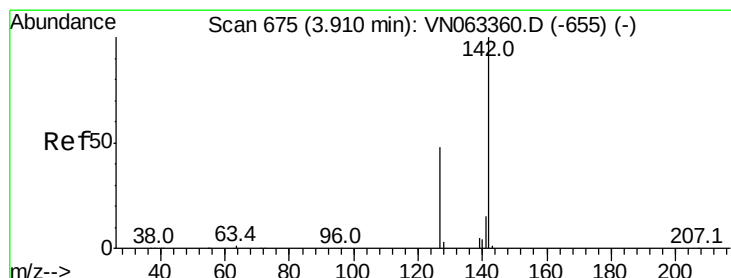
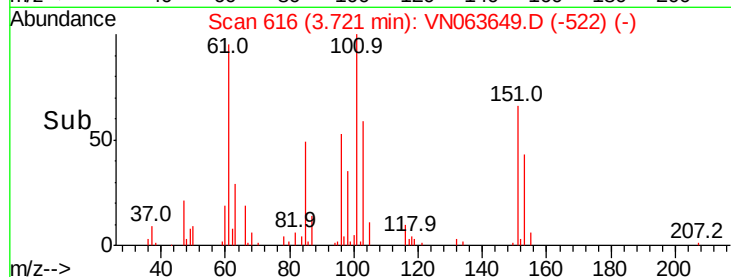
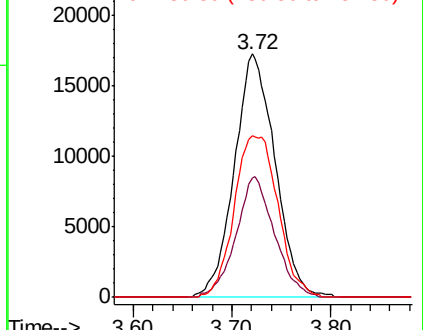
151 71.1 57.7 86.5



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: 16.278 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

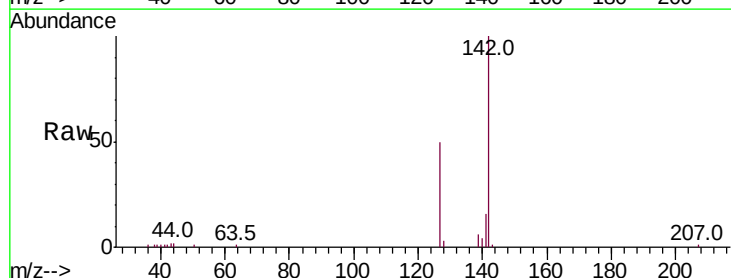
Tgt Ion:142 Resp: 58264

Ion Ratio Lower Upper

142 100

127 51.1 39.0 58.6

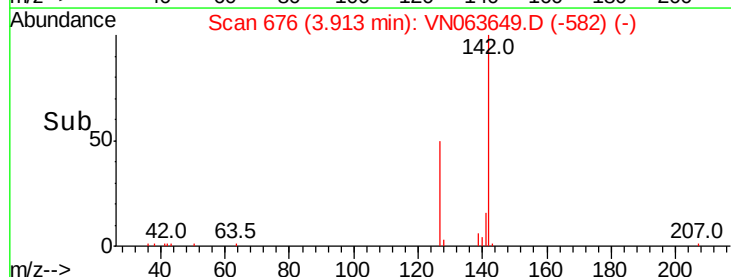
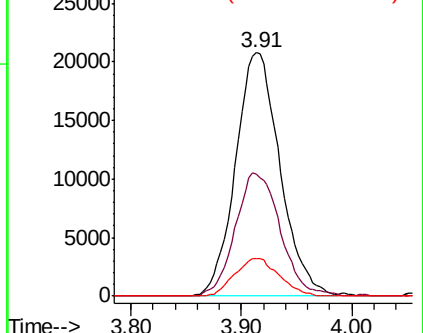
141 15.4 11.6 17.4

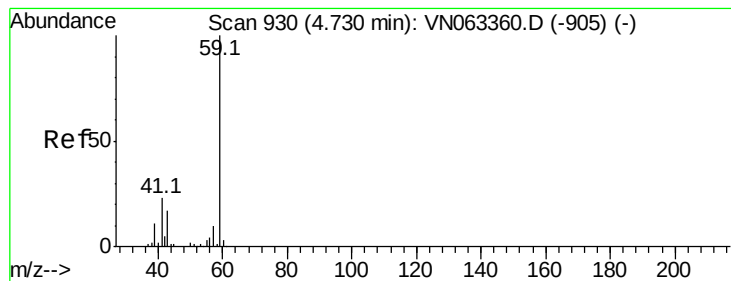


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 74.673 ug/l

RT: 4.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

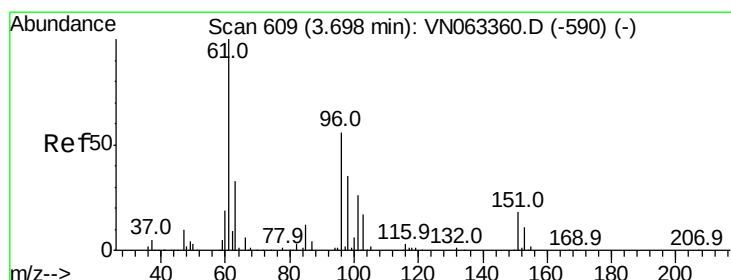
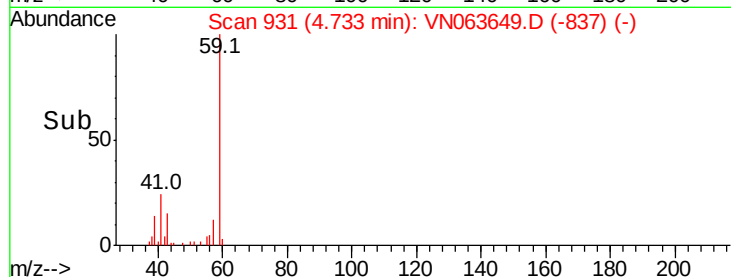
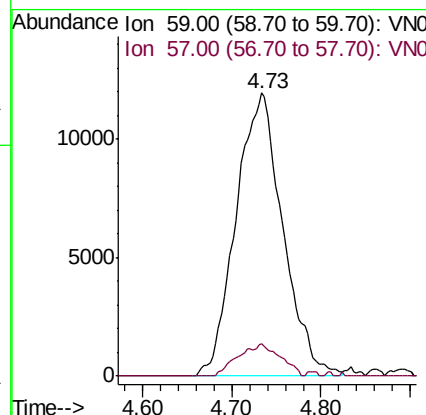
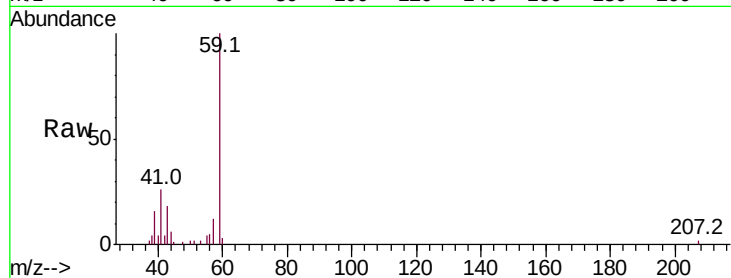
VN0924WBS02

Tot Ion: 59 Resp: 43453

Ion Ratio Lower Upper

59 100

57 10.3 8.4 12.6



#12

1,1-Dichloroethene

Concen: 16.724 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

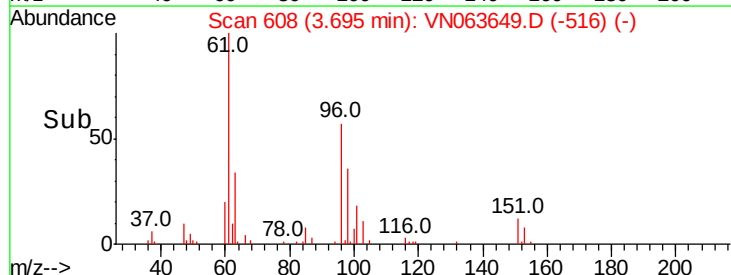
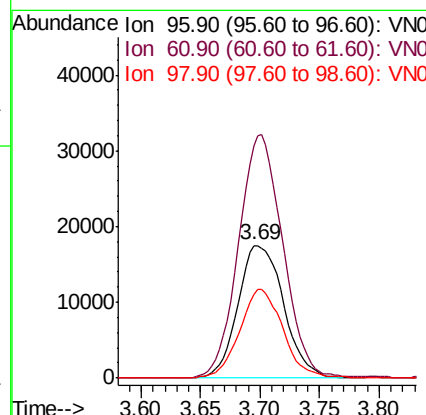
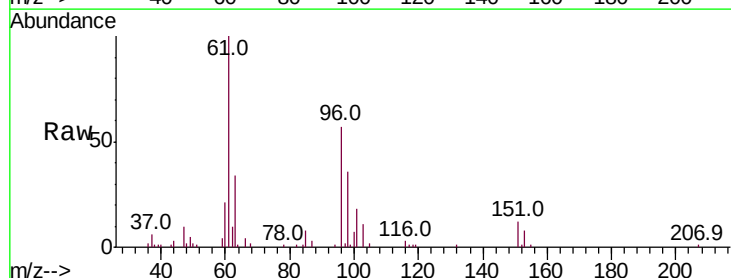
Tgt Ion: 96 Resp: 46570

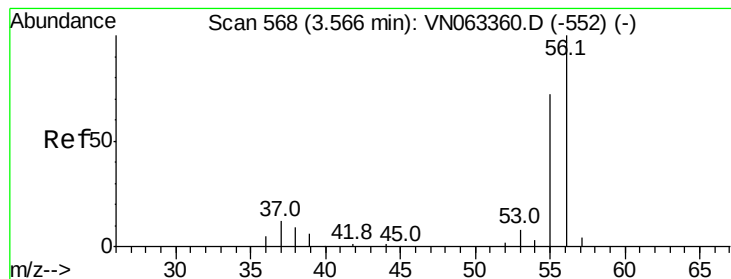
Ion Ratio Lower Upper

96 100

61 175.0 143.4 215.2

98 63.5 50.6 76.0





#13

Acrolein

Concen: 70.119 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

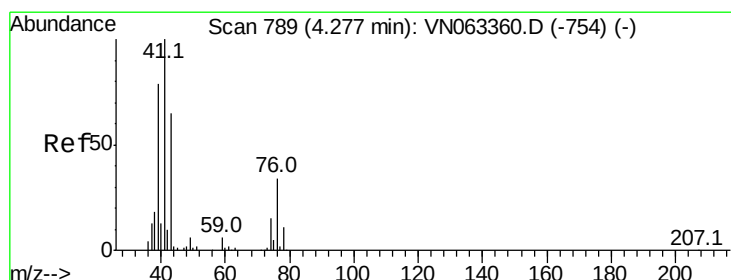
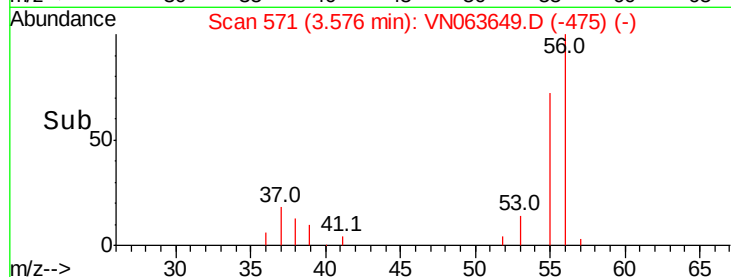
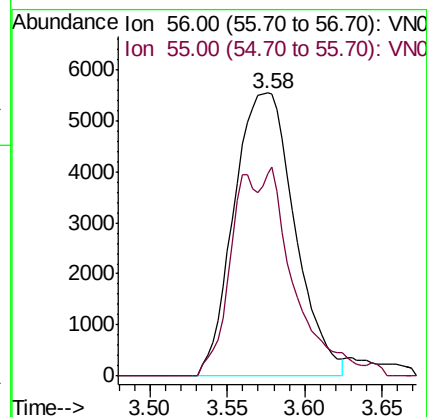
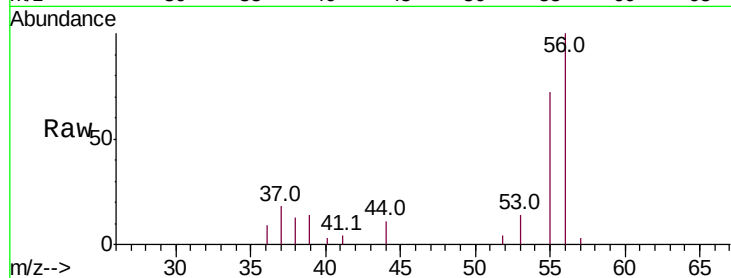
VN0924WBS02

Tot Ion: 56 Resp: 15121

Ion Ratio Lower Upper

56 100

55 33.1 58.2 87.2#



#14

Allyl chloride

Concen: 15.744 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

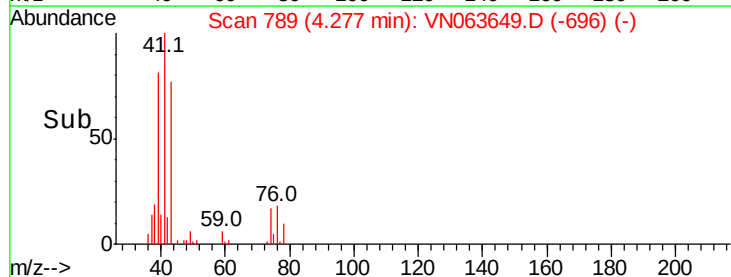
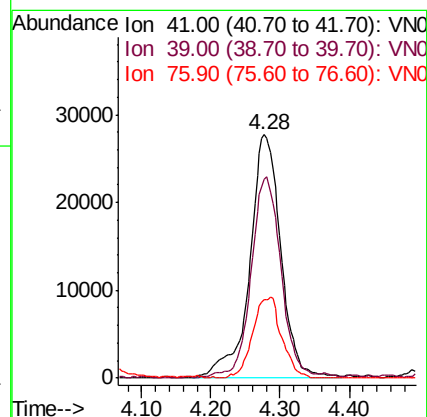
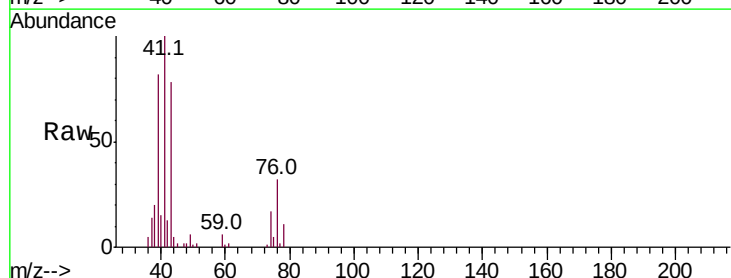
Tgt Ion: 41 Resp: 86720

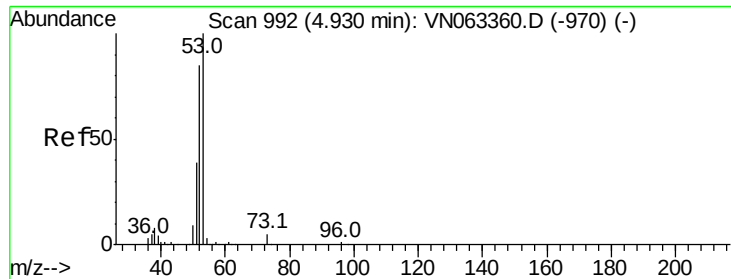
Ion Ratio Lower Upper

41 100

39 79.1 59.3 88.9

76 30.8 25.3 37.9





#15

Acrylonitrile

Concen: 85.523 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

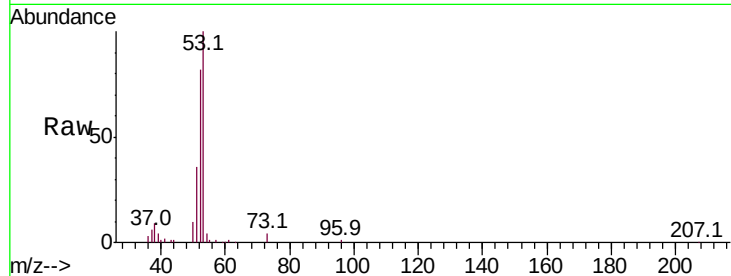
Tot Ion: 53 Resp: 126591

Ion Ratio Lower Upper

53 100

52 83.9 66.4 99.6

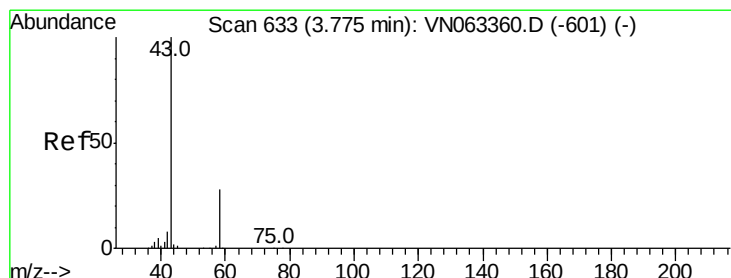
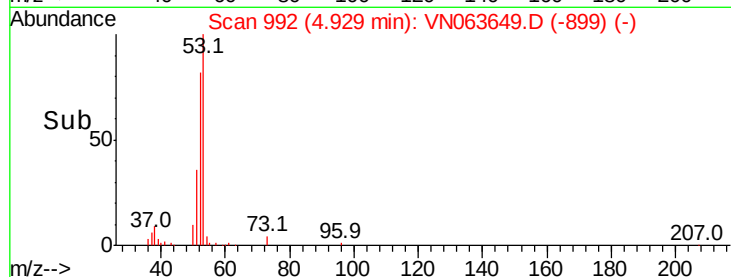
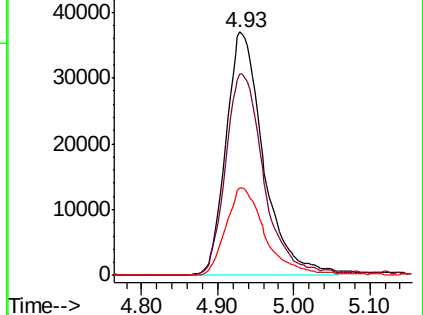
51 37.7 30.2 45.4



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: 89.736 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063649.D

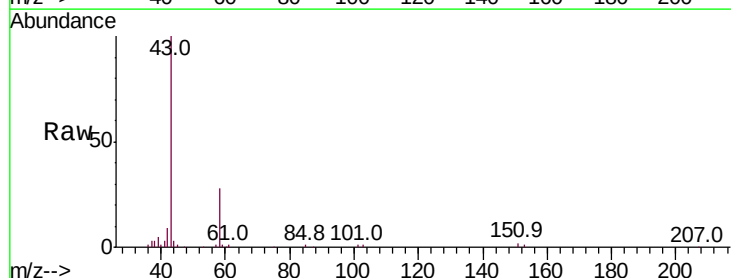
Acq: 25 Sep 2020 00:38

Tgt Ion: 43 Resp: 121140

Ion Ratio Lower Upper

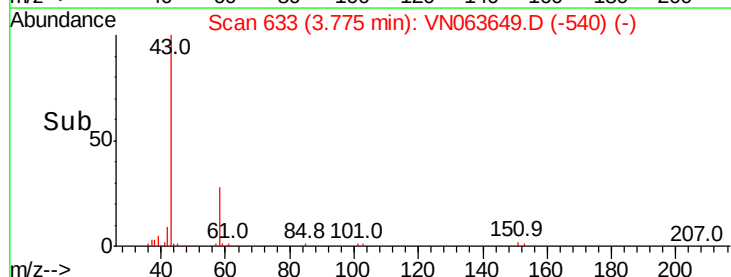
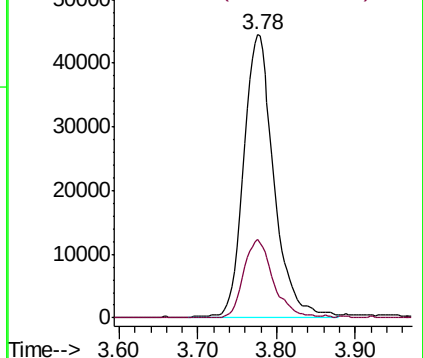
43 100

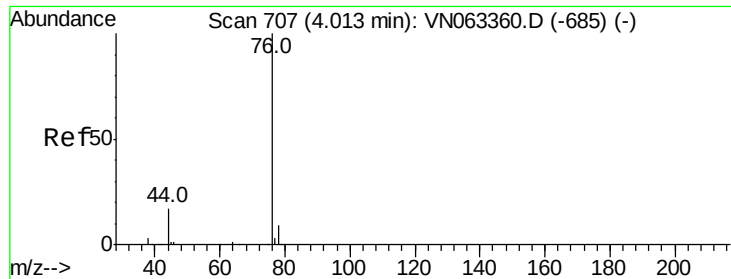
58 27.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

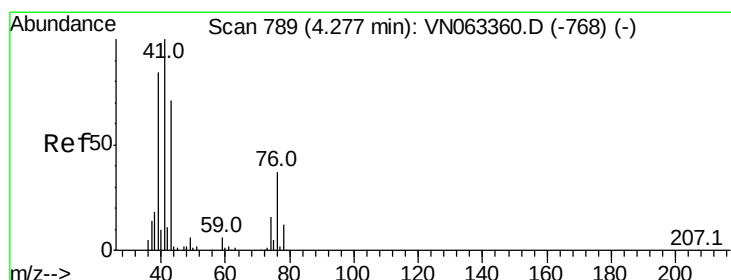
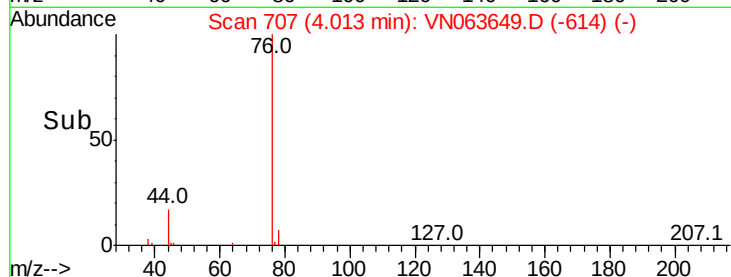
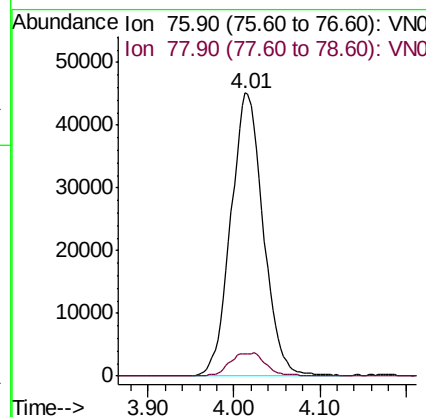
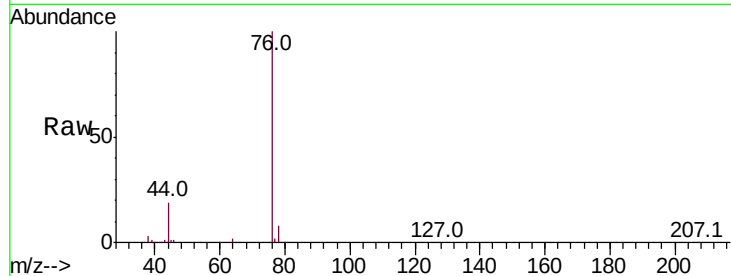




#17
Carbon Disulfide
Concen: 14.638 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

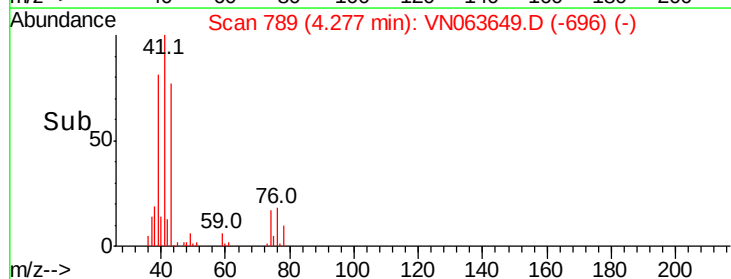
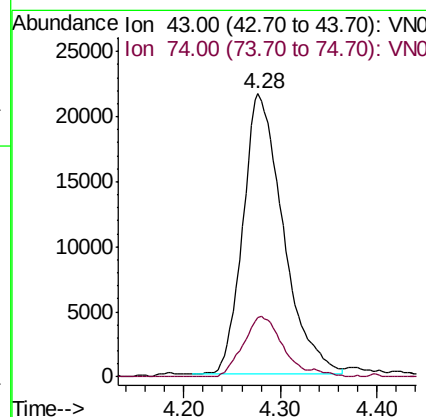
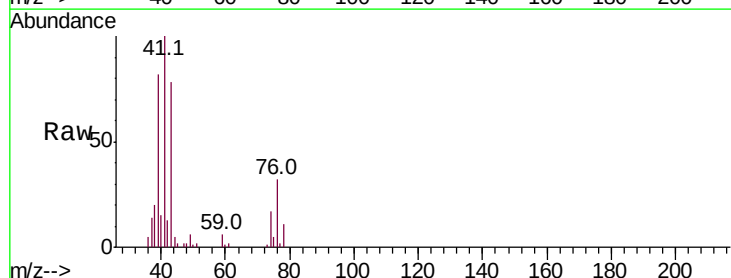
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

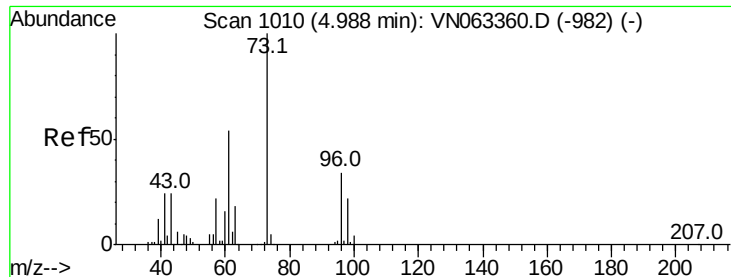
Tot Ion: 76 Resp: 118566
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8



#18
Methyl Acetate
Concen: 18.235 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion: 43 Resp: 62492
Ion Ratio Lower Upper
43 100
74 20.7 17.4 26.2

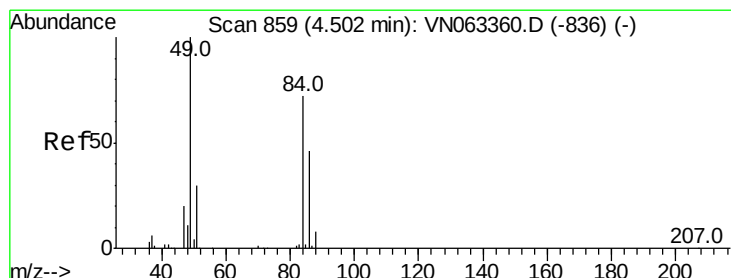
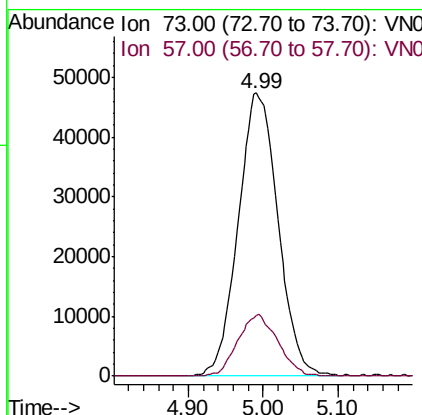
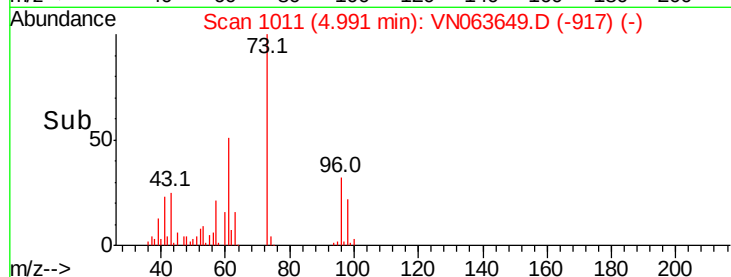
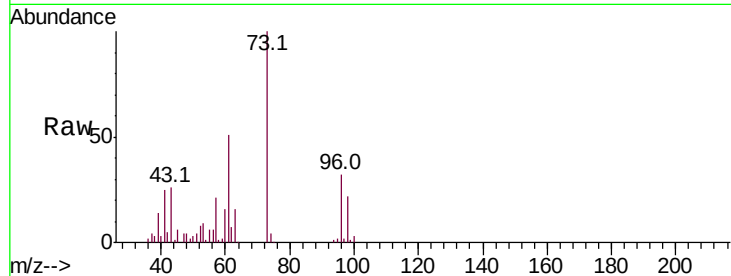




#19
Methvl tert-butvl Ether
Concen: 16.905 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

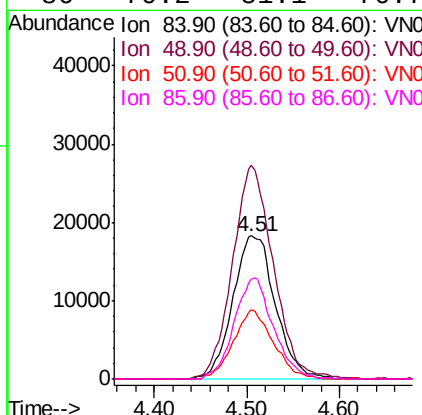
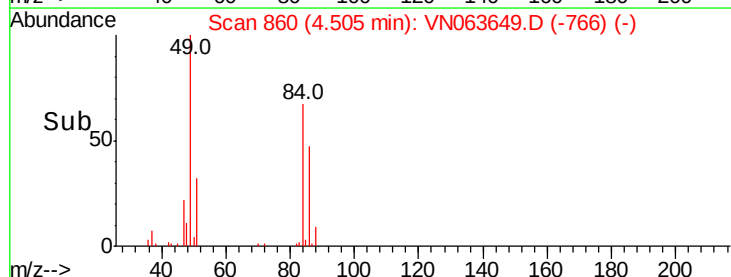
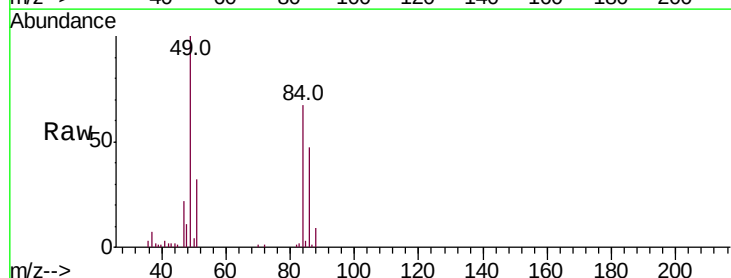
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

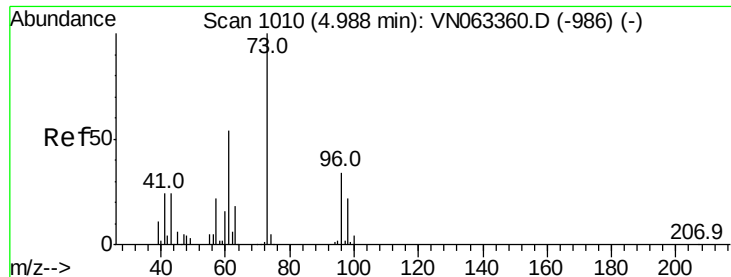
Tot Ion: 73 Resp: 175450
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9



#20
Methylene Chloride
Concen: 17.002 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion: 84 Resp: 58150
Ion Ratio Lower Upper
84 100
49 149.3 110.7 166.1
51 48.4 32.9 49.3
86 70.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 16.883 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

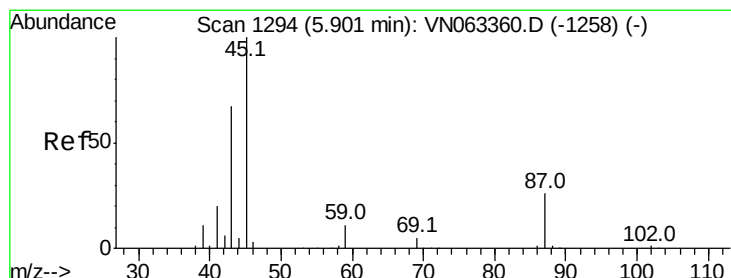
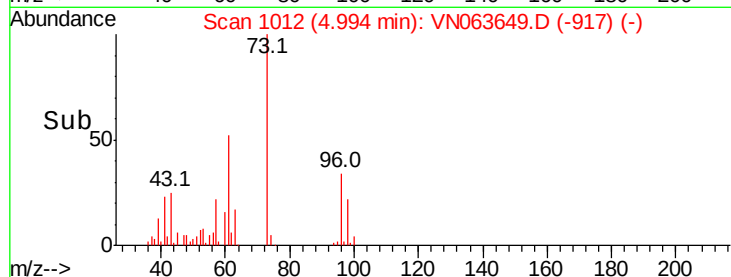
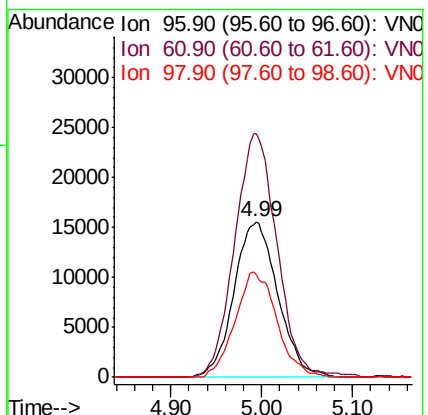
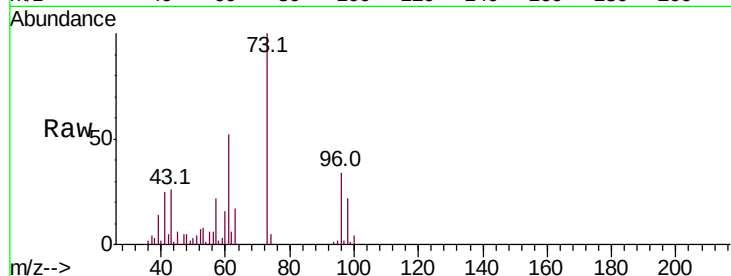
Tot Ion: 96 Resp: 52086

Ion Ratio Lower Upper

96 100

61 156.4 126.2 189.4

98 66.0 51.0 76.4



#22

Diisopropyl ether

Concen: 17.288 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Tgt Ion: 45 Resp: 194210

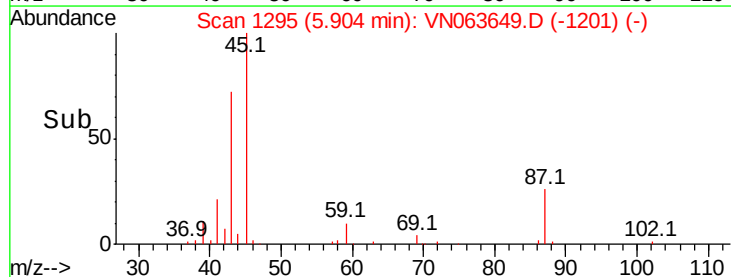
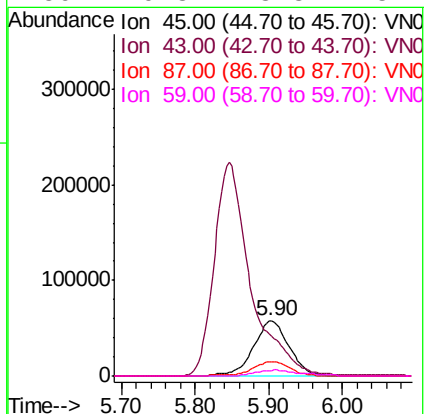
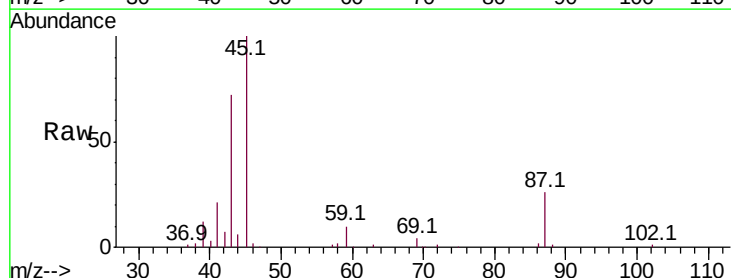
Ion Ratio Lower Upper

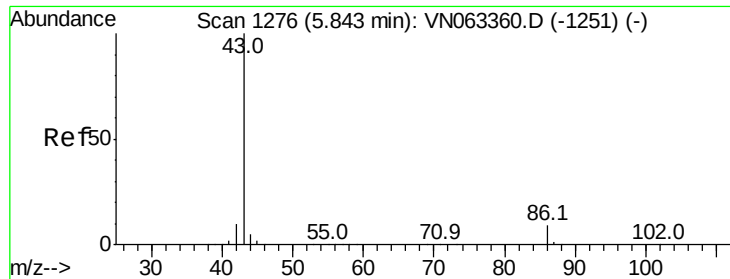
45 100

43 68.8 53.5 80.3

87 26.2 21.2 31.8

59 9.8 8.8 13.2

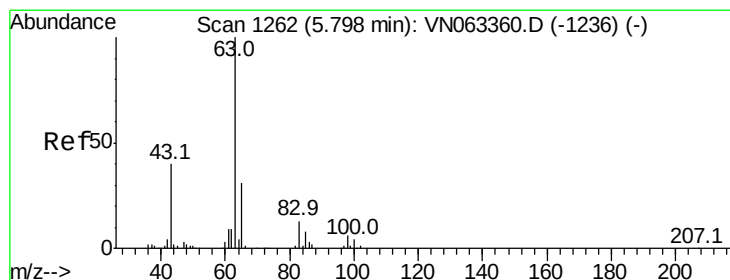
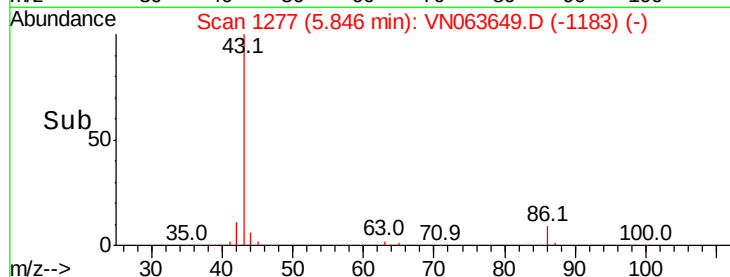
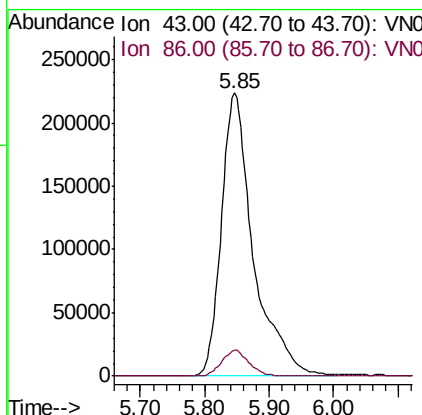
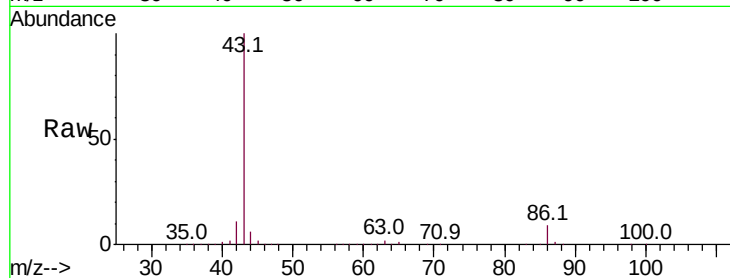




#23
 Vinyl Acetate
 Concen: 83.623 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

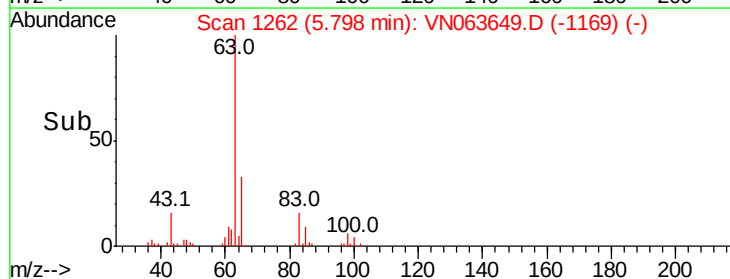
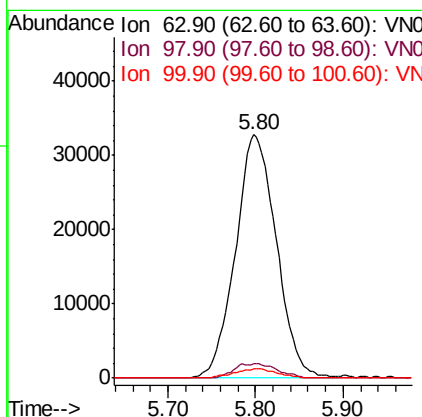
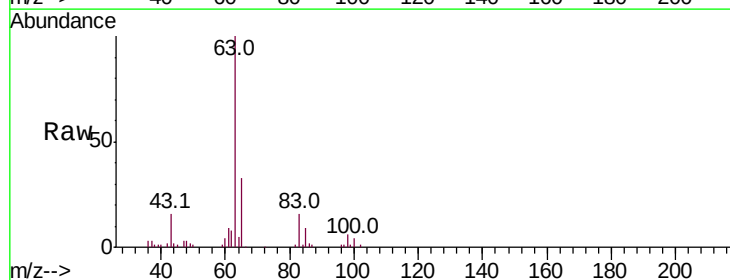
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

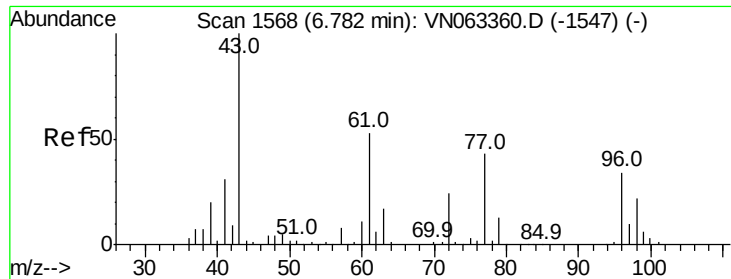
Tot Ion: 43 Resp: 771487
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 17.332 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion: 63 Resp: 106299
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 3.6 2.1 6.3

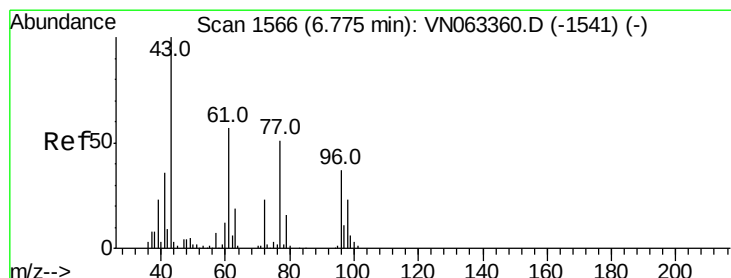
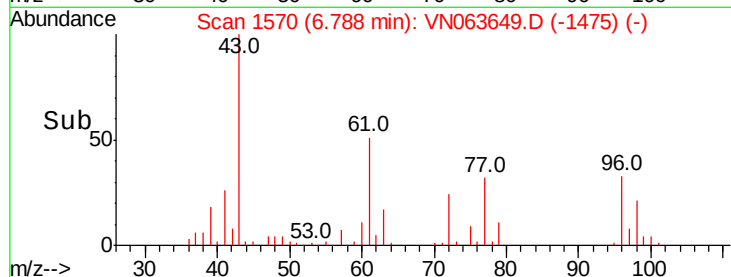
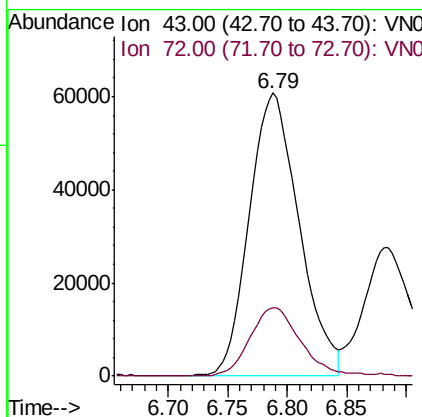
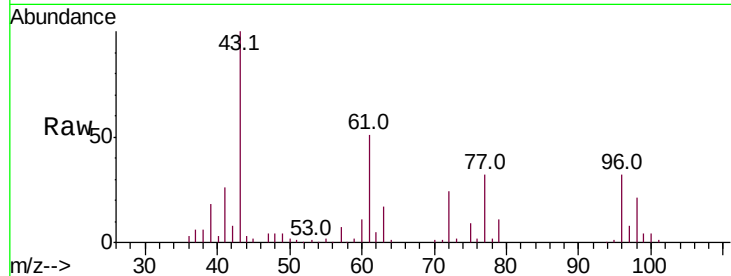




#25
2-Butanone
Concen: 85.115 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

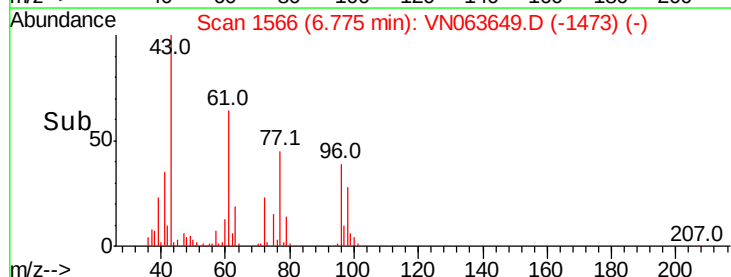
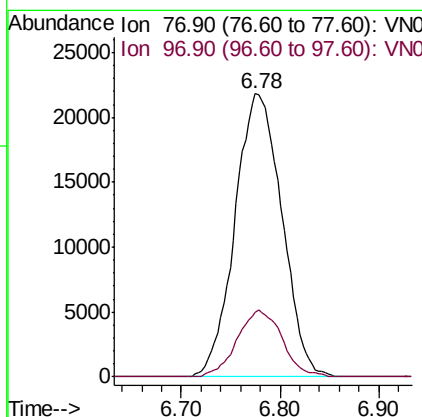
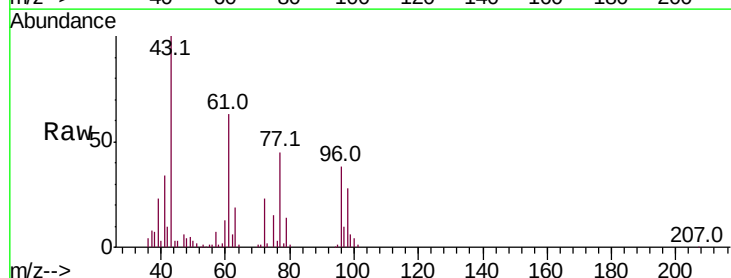
Instrument :
MSVOA_N
ClientSampled :
VN0924WBS02

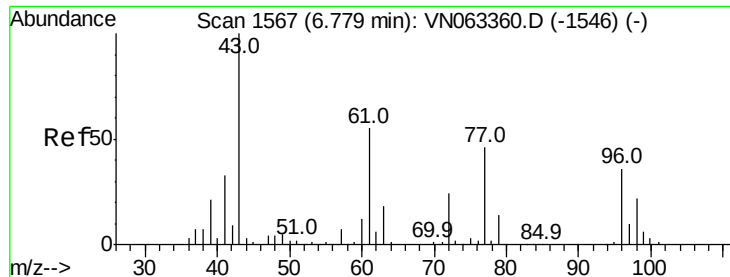
Tot Ion: 43 Resp: 176716
Ion Ratio Lower Upper
43 100
72 24.0 19.2 28.8



#26
2,2-Dichloropropane
Concen: 13.315 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion: 77 Resp: 71899
Ion Ratio Lower Upper
77 100
97 22.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 17.291 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

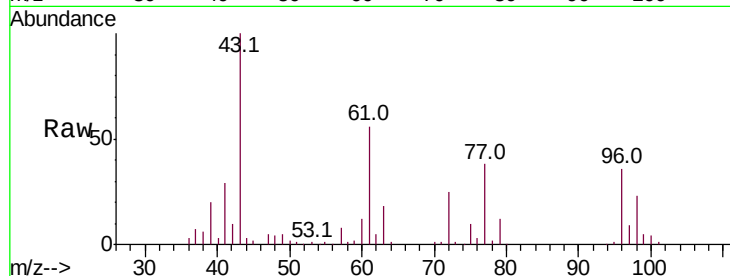
Tot Ion: 96 Resp: 60379

Ion Ratio Lower Upper

96 100

61 158.8 0.0 319.6

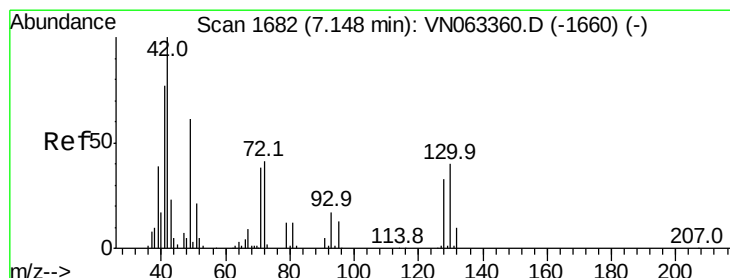
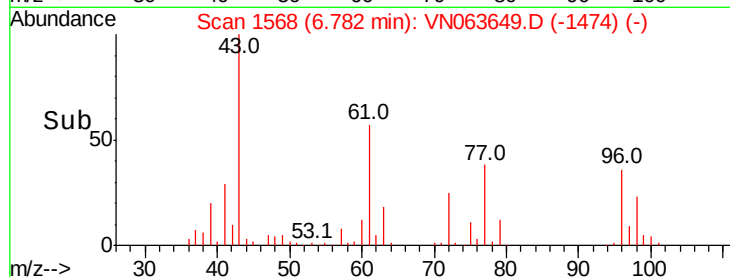
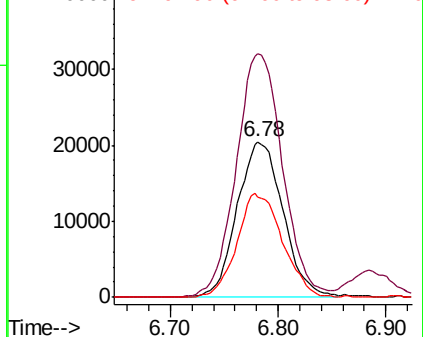
98 66.3 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 17.195 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

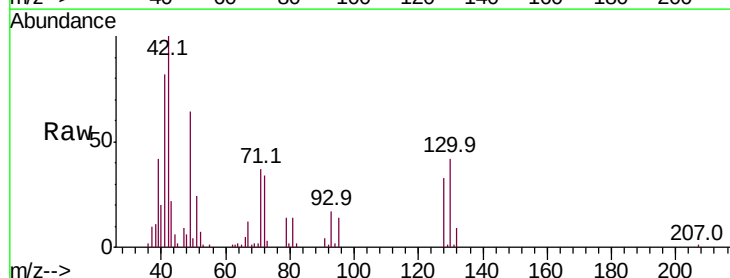
Tgt Ion: 49 Resp: 48694

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

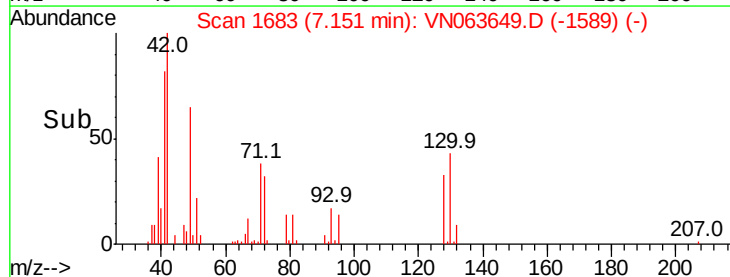
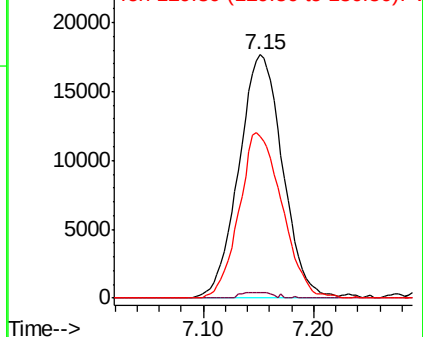
130 66.5 52.2 78.2

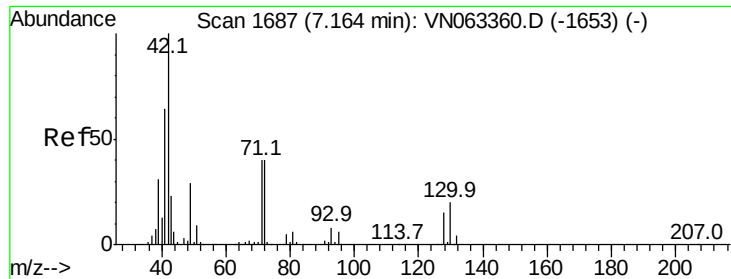


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 85.080 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS02

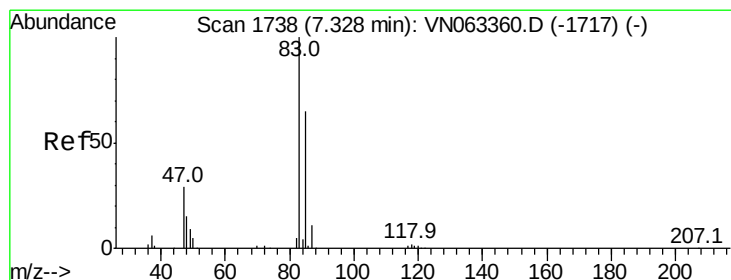
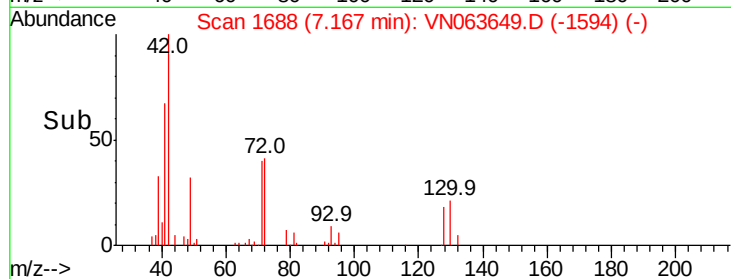
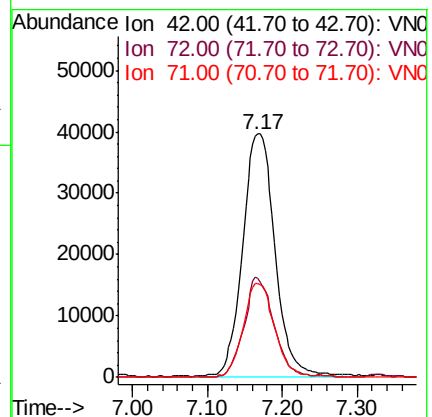
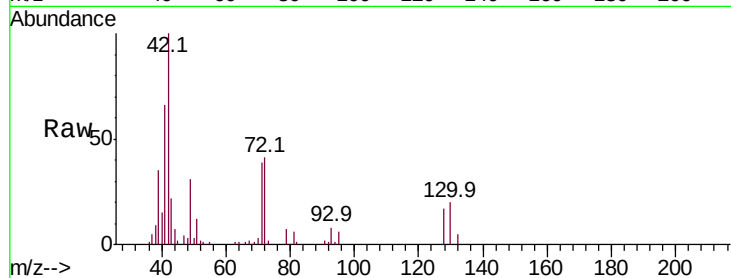
Tot Ion: 42 Resp: 120643

Ion Ratio Lower Upper

42 100

72 37.6 32.1 48.1

71 37.0 31.2 46.8



#30

Chloroform

Concen: 18.066 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063649.D

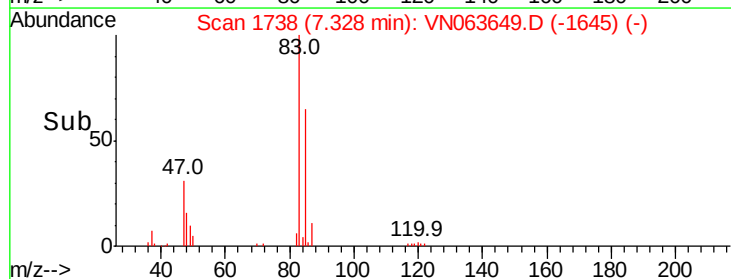
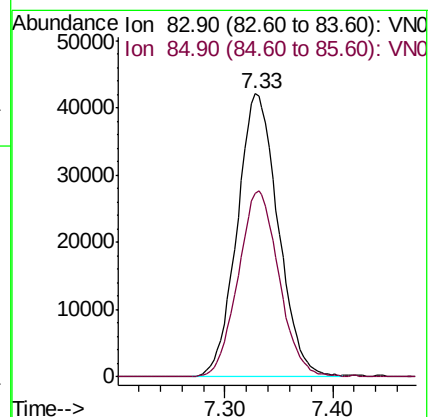
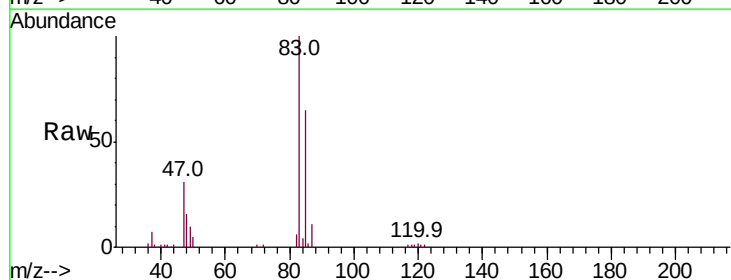
Acq: 25 Sep 2020 00:38

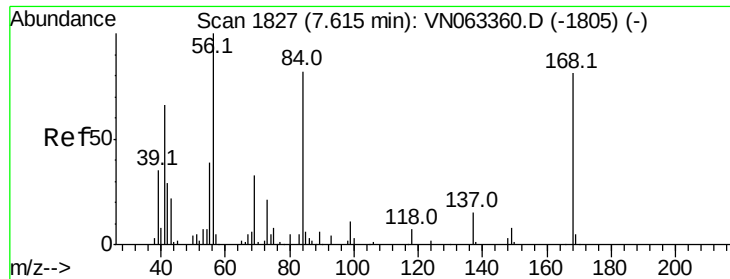
Tgt Ion: 83 Resp: 111166

Ion Ratio Lower Upper

83 100

85 65.0 52.1 78.1

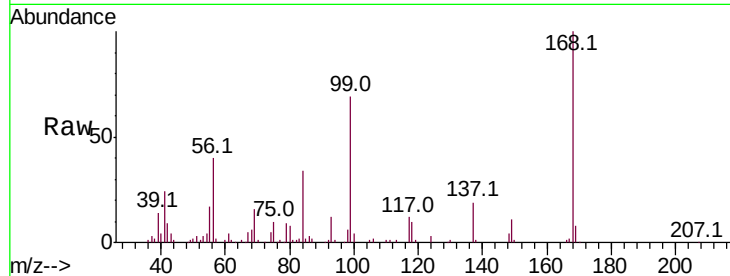




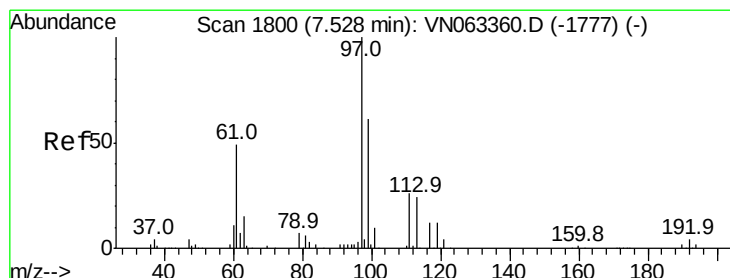
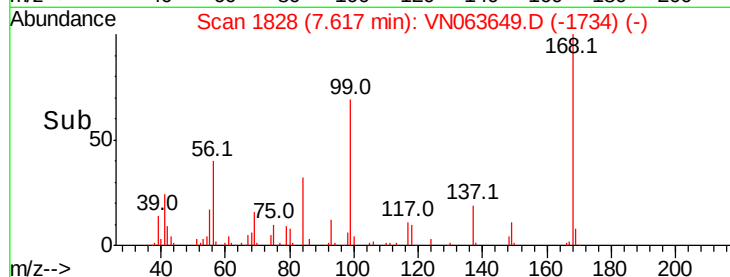
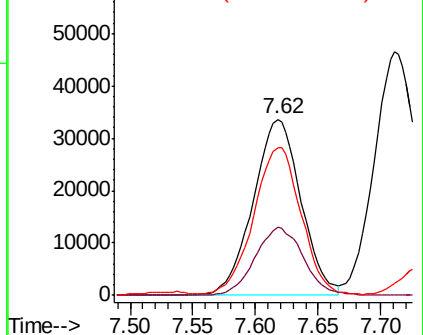
#31
Cyclohexane
Concen: 15.383 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion: 56 Resp: 89243
Ion Ratio Lower Upper
56 100
69 38.5 26.1 39.1
84 83.0 65.4 98.2

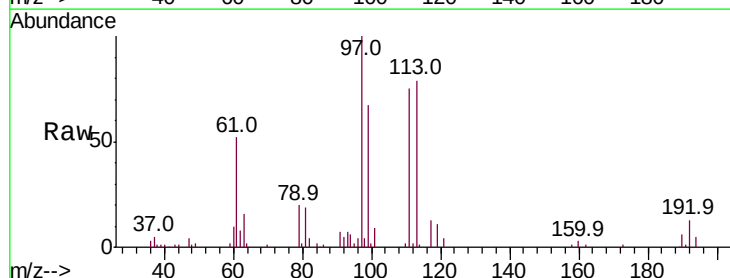


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

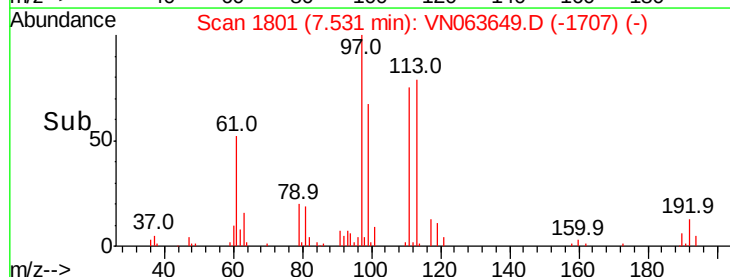
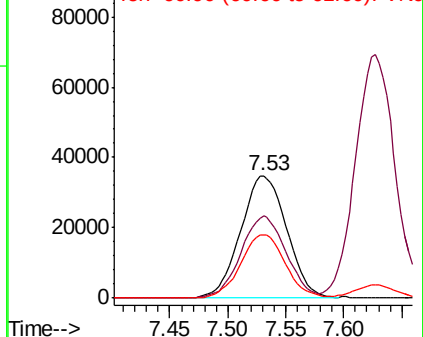


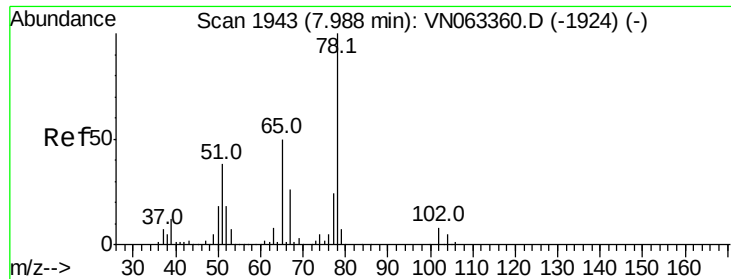
#32
1,1,1-Trichloroethane
Concen: 17.548 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion: 97 Resp: 96036
Ion Ratio Lower Upper
97 100
99 65.7 50.6 76.0
61 50.4 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

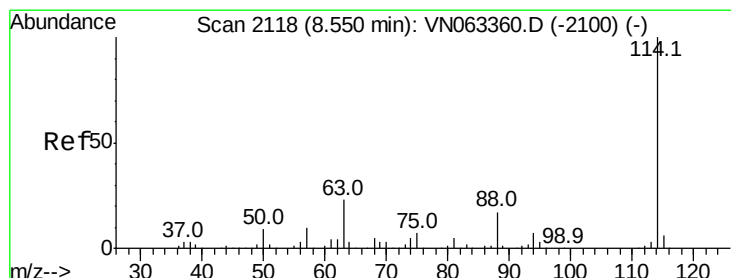
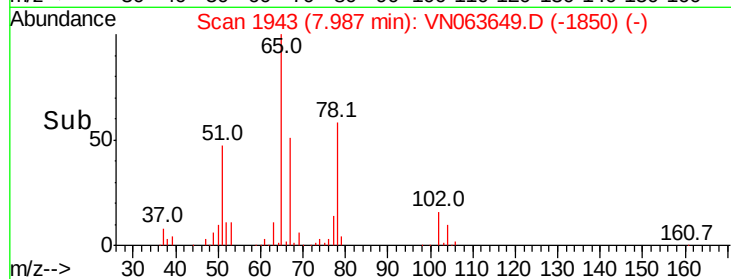
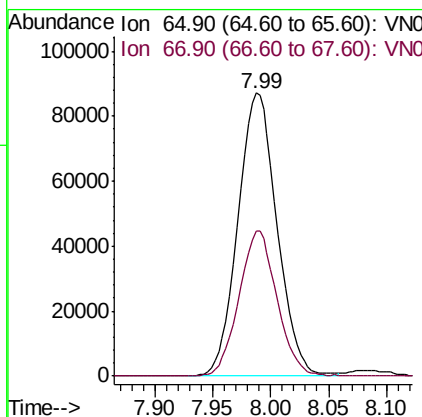
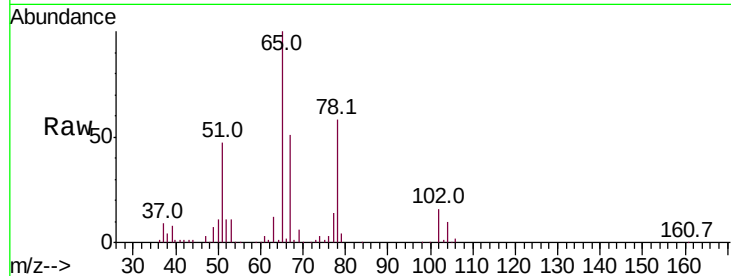




#33
 1,2-Dichloroethane-d4
 Concen: 48.604 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

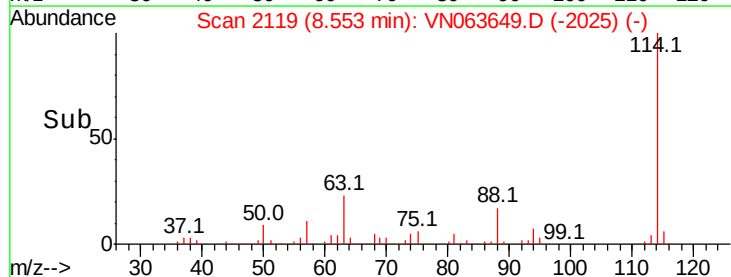
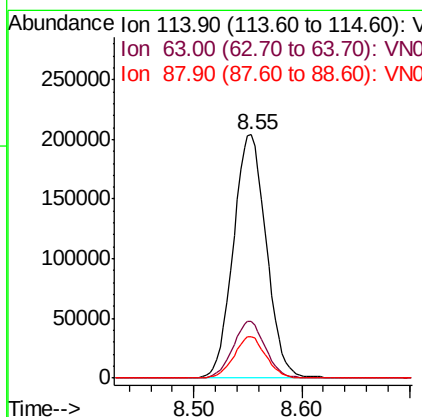
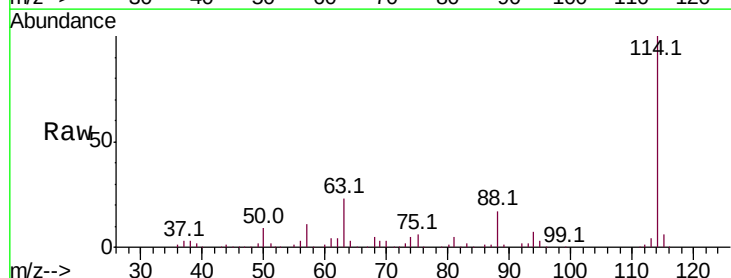
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

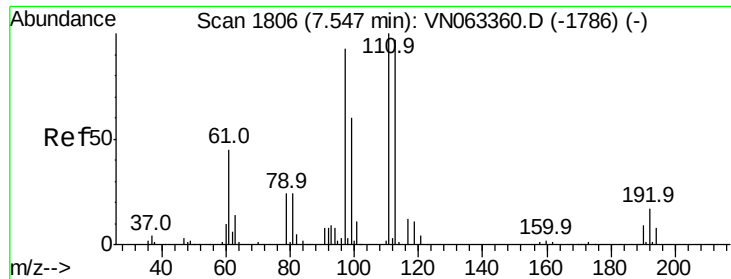
Tot Ion: 65 Resp: 204159
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion: 114 Resp: 434073
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 17.3 0.0 33.2

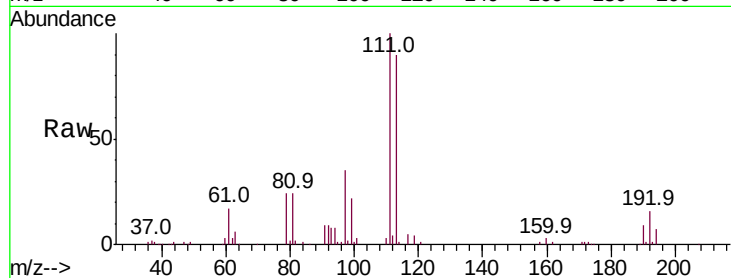




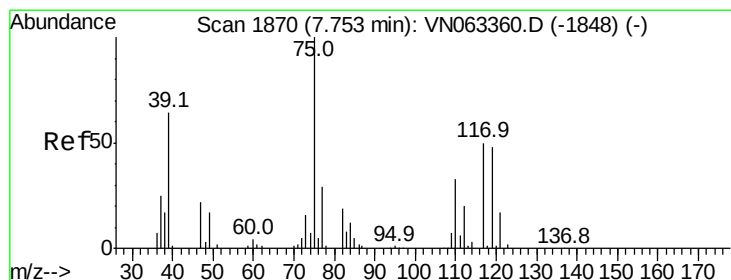
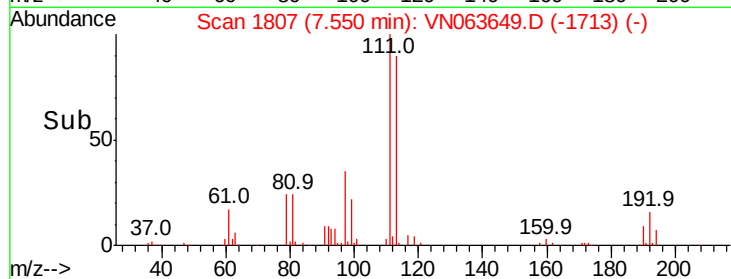
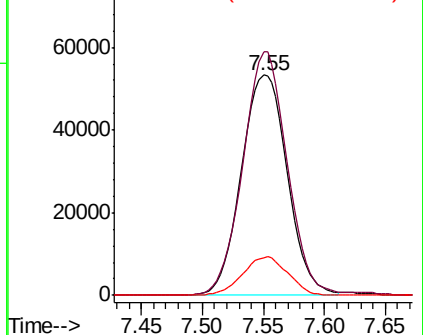
#35
 Dibromofluoromethane
 Concen: 46.433 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.9	82.9	124.3
192	17.2	13.9	20.9

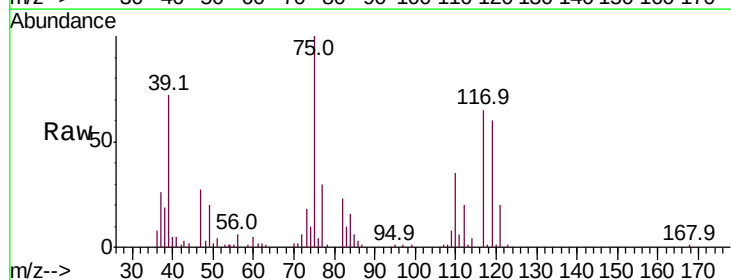


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

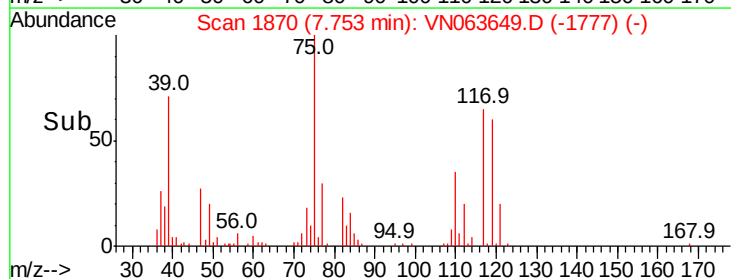
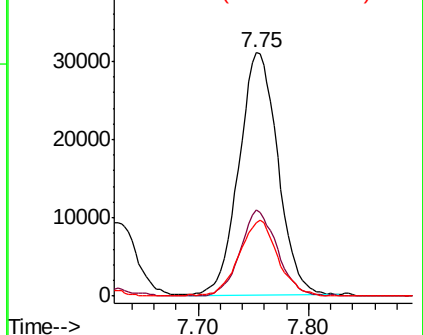


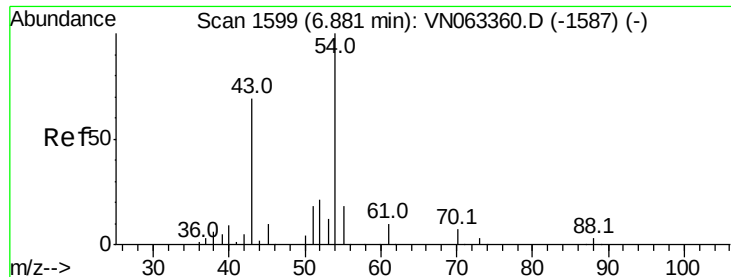
#36
 1,1-Dichloropropene
 Concen: 16.346 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.5	49.5
77	31.0	24.6	36.8



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

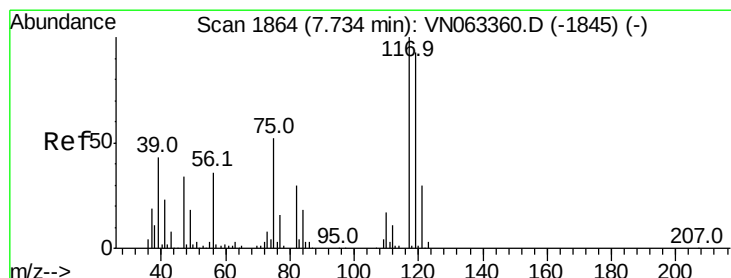
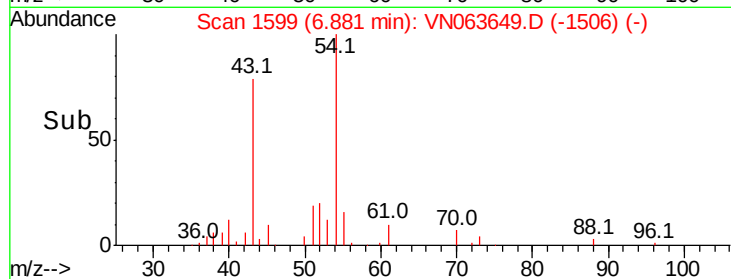
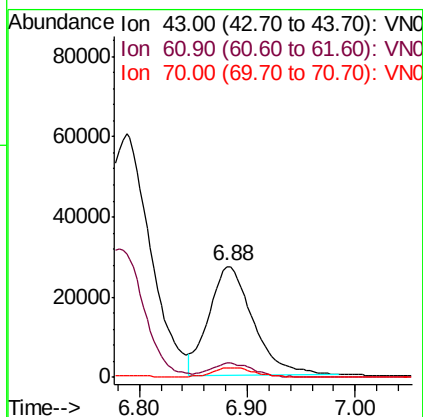
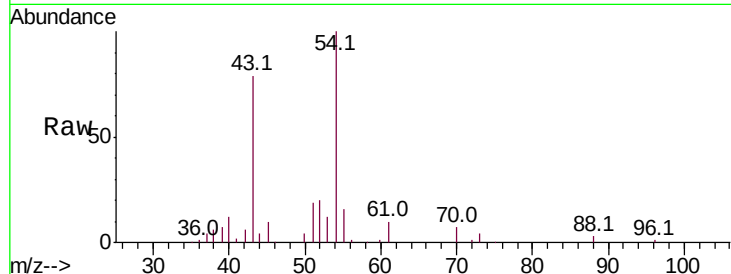




#37
Ethyl Acetate
Concen: 17.219 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

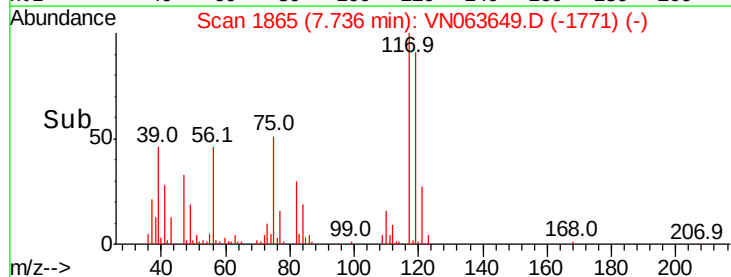
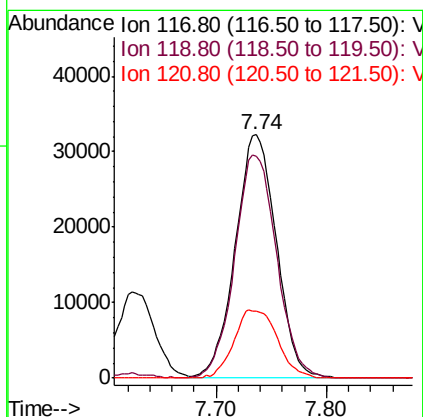
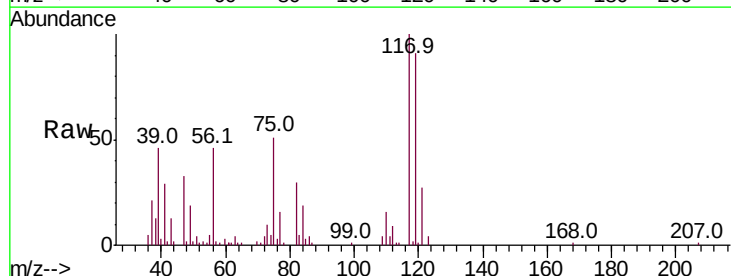
Instrument :
MSVOA_N
ClientSampled :
VN0924WBS02

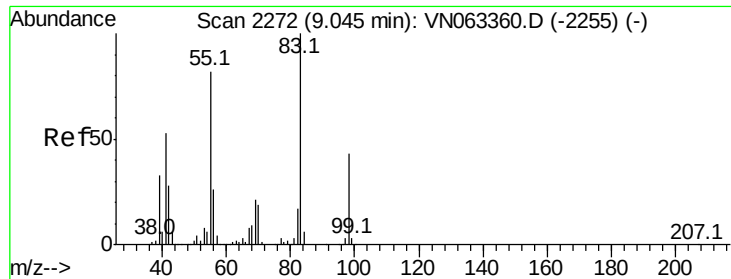
Tot Ion: 43 Resp: 78152
Ion Ratio Lower Upper
43 100
61 11.3 10.6 15.8
70 8.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 17.617 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion: 117 Resp: 83165
Ion Ratio Lower Upper
117 100
119 91.0 74.5 111.7
121 27.5 24.1 36.1

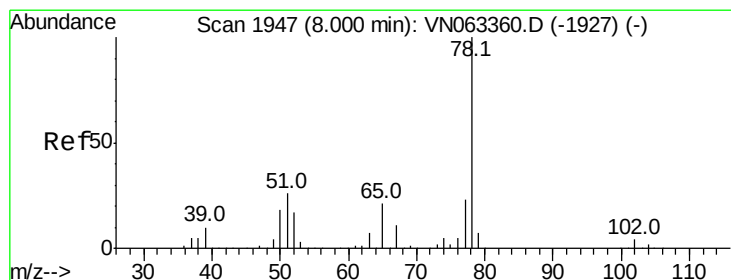
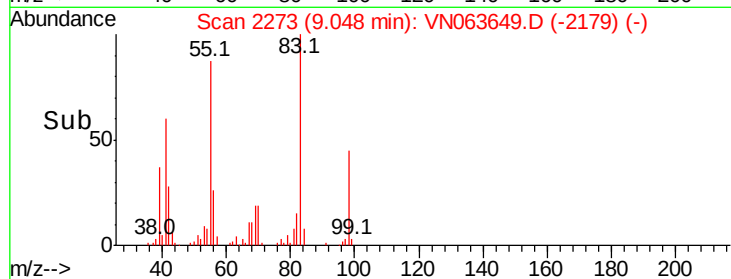
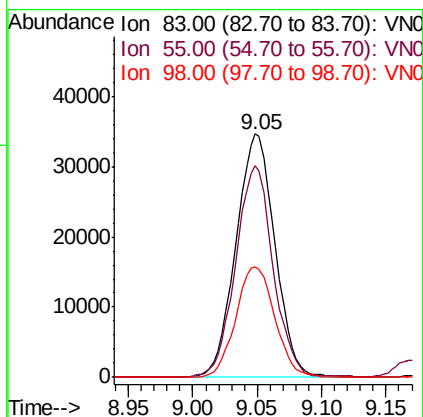
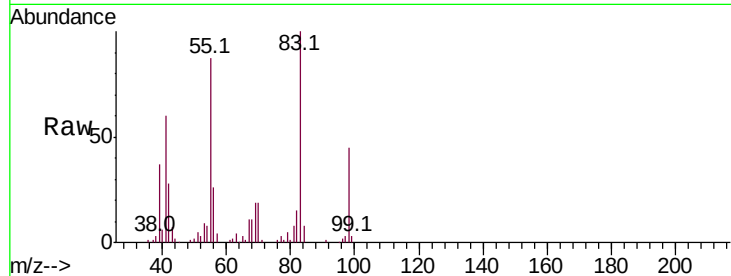




#39
Methylvlcyclohexane
Concen: 14.484 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

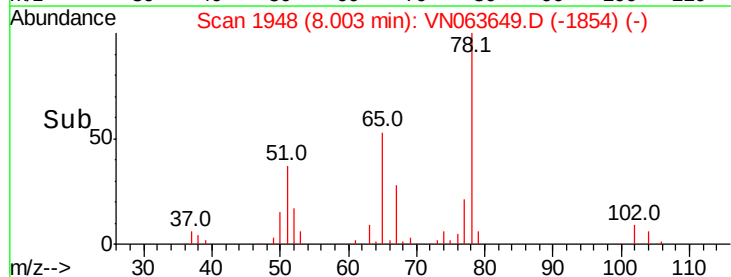
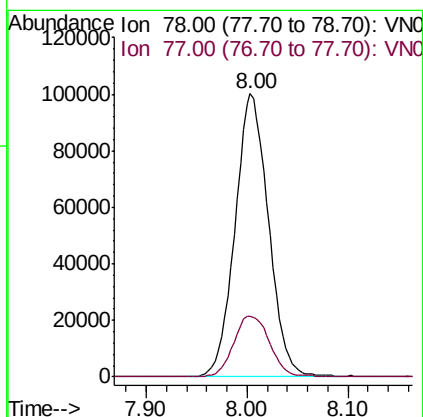
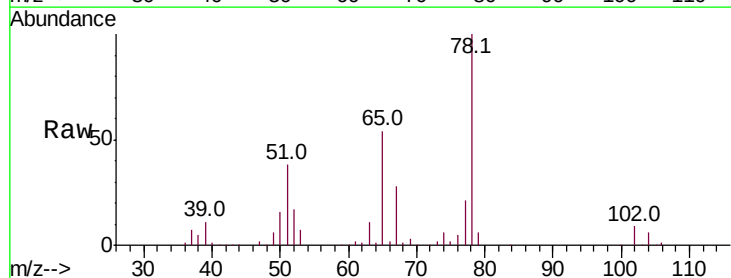
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

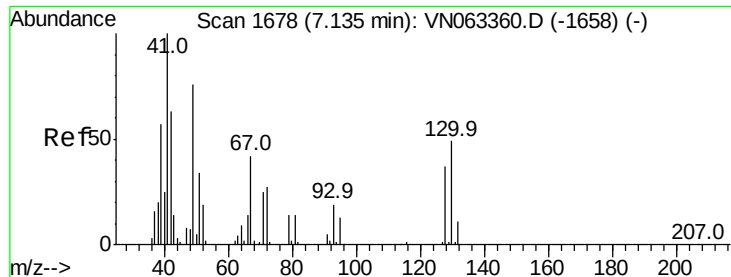
Tot Ion	83	Resp	72695
Ion	Ratio	Lower	Upper
83	100		
55	87.1	65.5	98.3
98	45.2	34.2	51.4



#40
Benzene
Concen: 17.447 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	78	Resp	230321
Ion	Ratio	Lower	Upper
78	100		
77	21.4	18.3	27.5

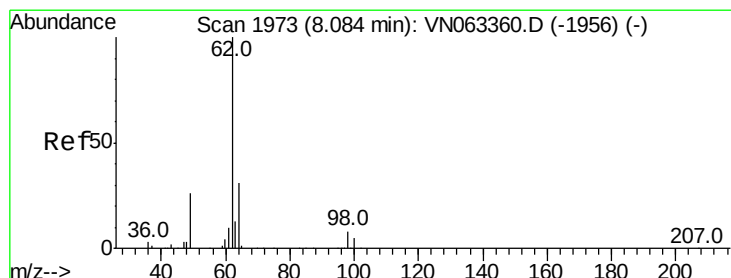
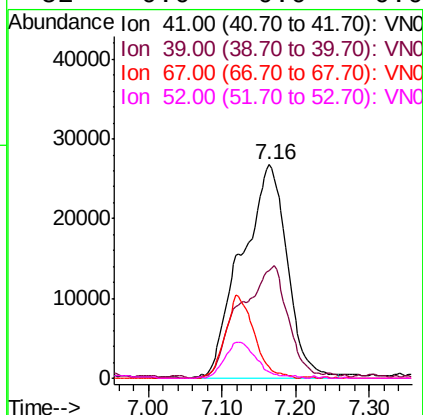
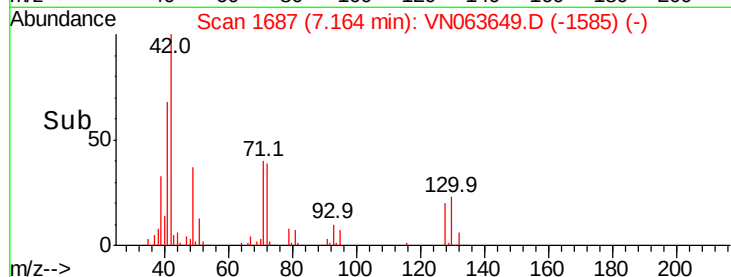
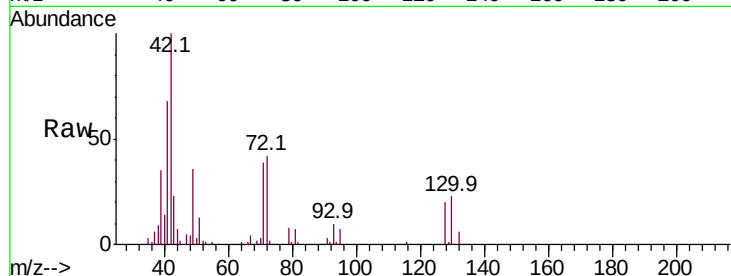




#41
Methacrylonitrile
Concen: 56.752 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

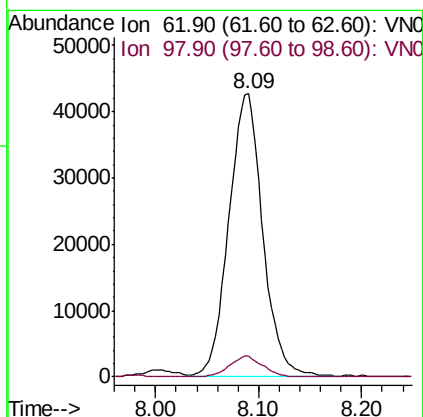
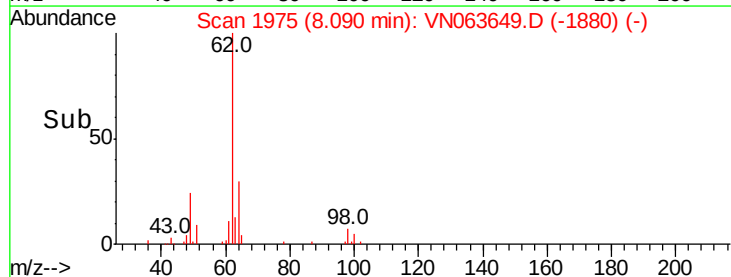
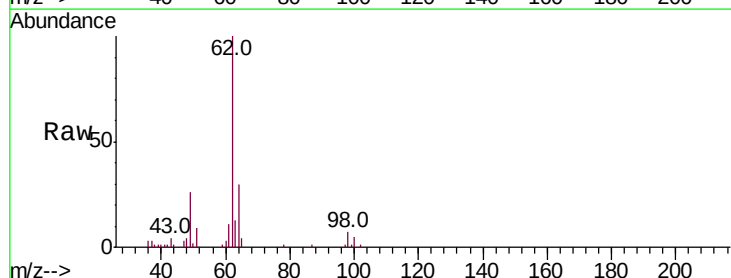
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

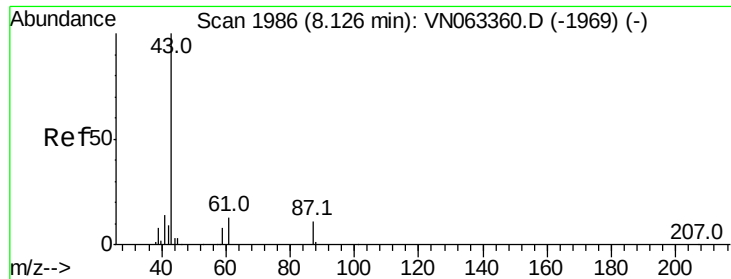
Tot Ion:	41	Resp:	115849
Ion	Ratio	Lower	Upper
41	100		
39	55.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.493 ug/l
RT: 8.09 min Scan# 1975
Delta R.T. 0.01 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion:	62	Resp:	98173
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	15.6





#43

Isopropyl Acetate

Concen: 15.950 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

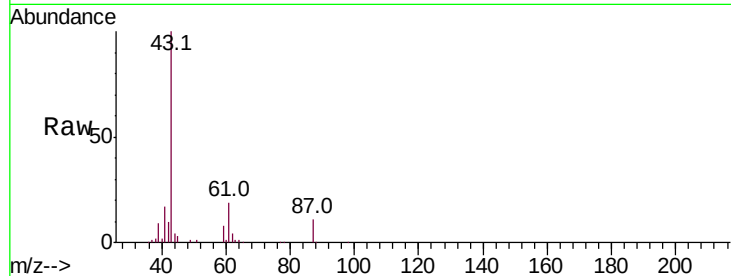
Tot Ion: 43 Resp: 129447

Ion Ratio Lower Upper

43 100

61 17.8 14.2 21.2

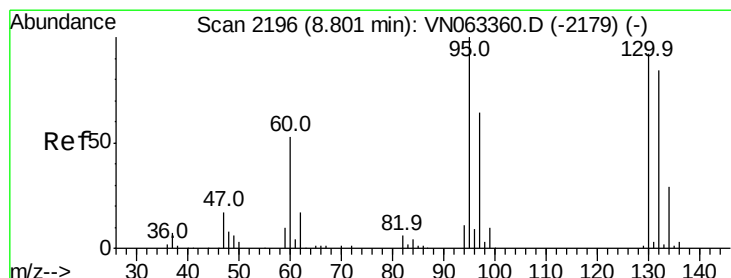
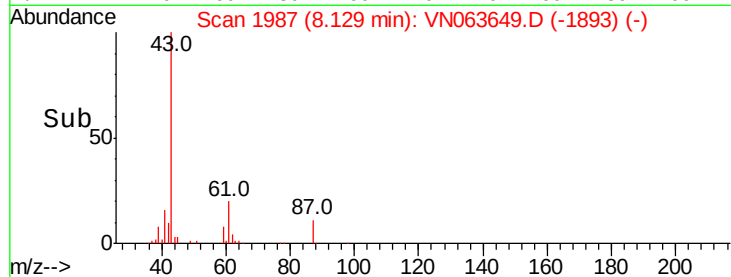
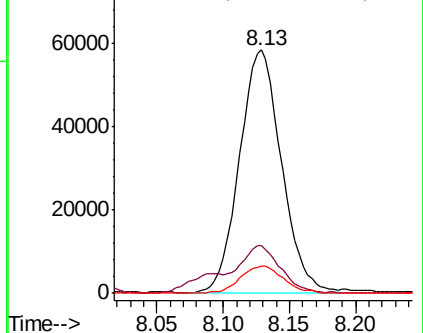
87 11.5 9.0 13.6



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: 17.337 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063649.D

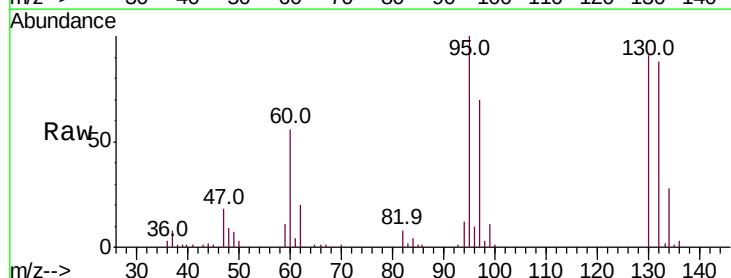
Acq: 25 Sep 2020 00:38

Tgt Ion:130 Resp: 55510

Ion Ratio Lower Upper

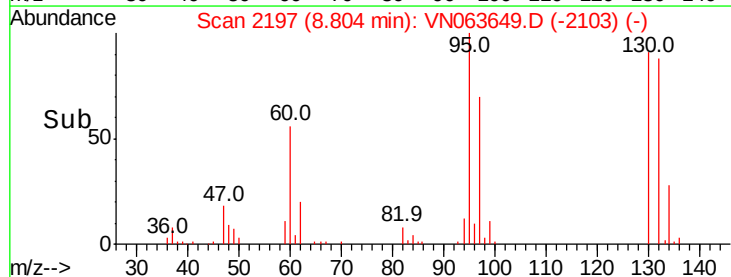
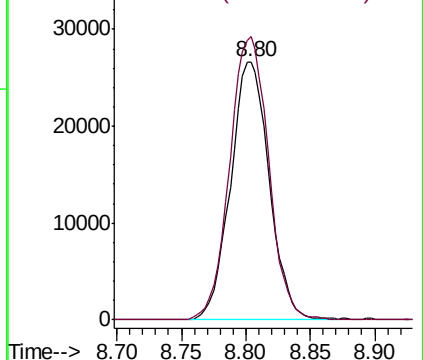
130 100

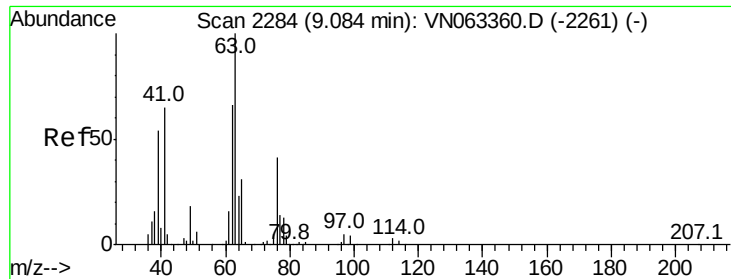
95 109.6 0.0 217.4



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: 17.955 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

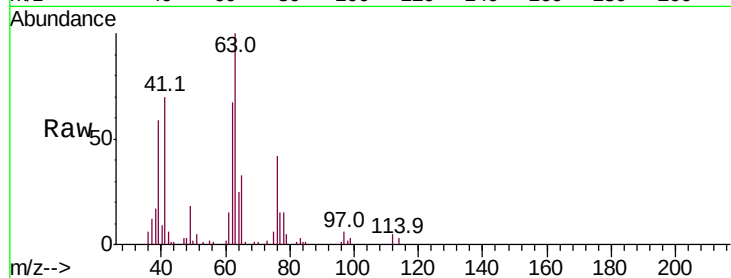
VN0924WBS02

Tot Ion: 63 Resp: 64555

Ion Ratio Lower Upper

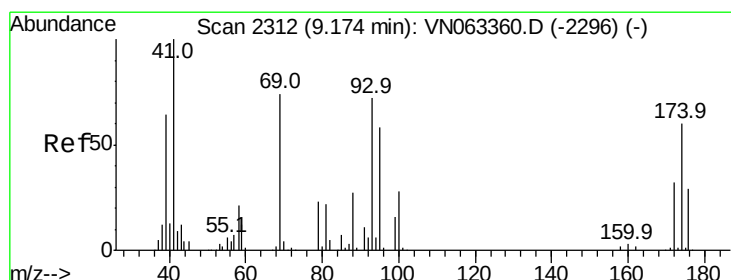
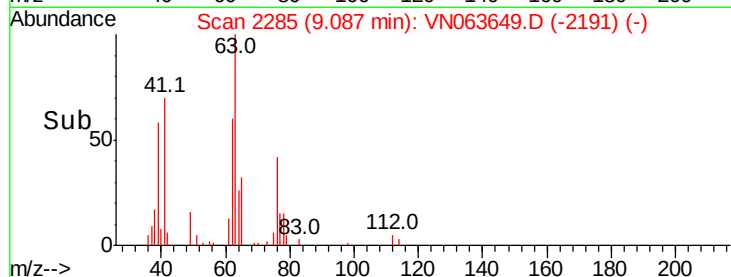
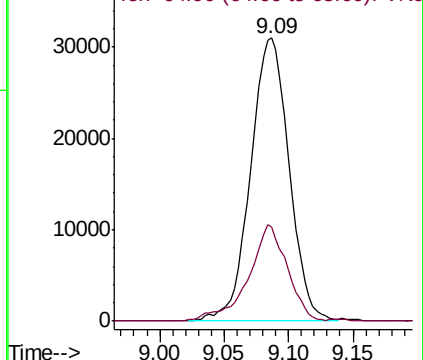
63 100

65 32.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 17.684 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

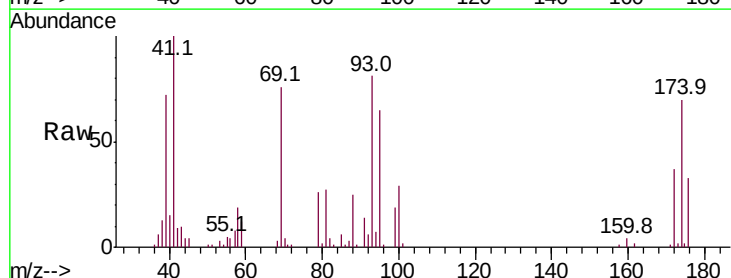
Tgt Ion: 93 Resp: 41788

Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

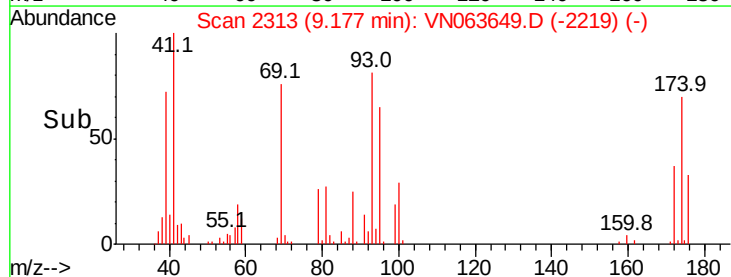
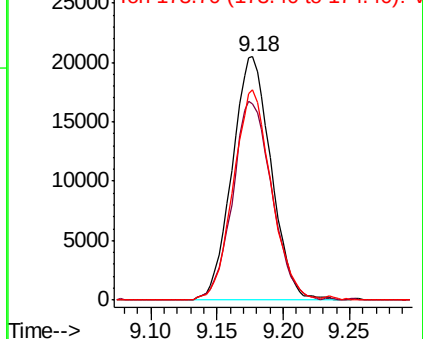
174 84.4 68.1 102.1

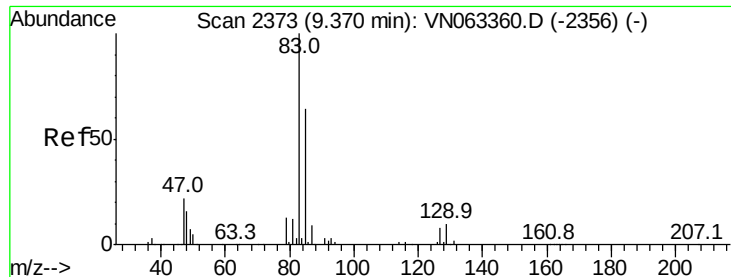


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.659 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

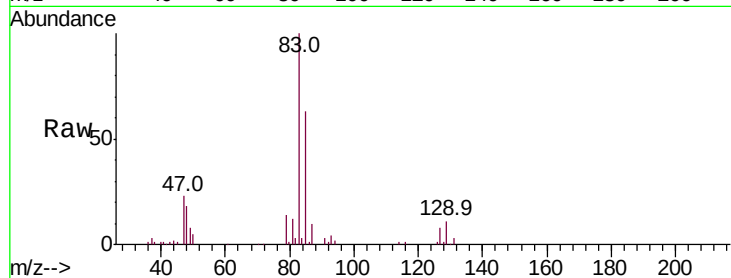
Tot Ion: 83 Resp: 86691

Ion Ratio Lower Upper

83 100

85 62.5 51.0 76.6

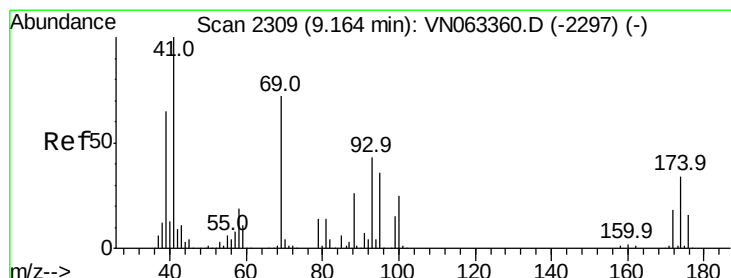
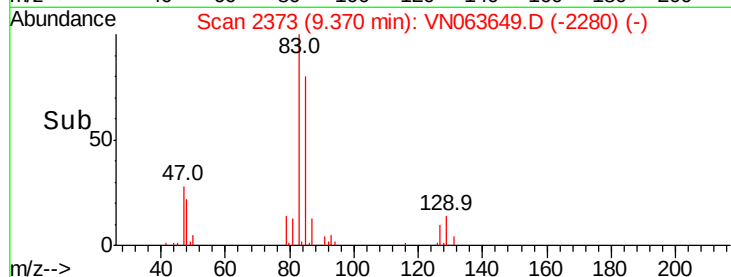
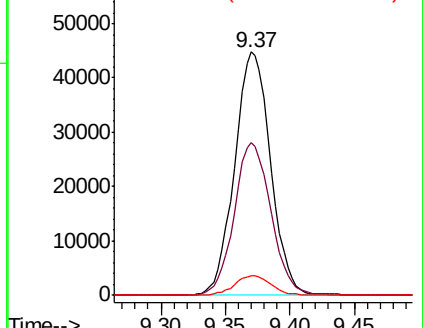
127 7.9 6.3 9.5



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: 15.893 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

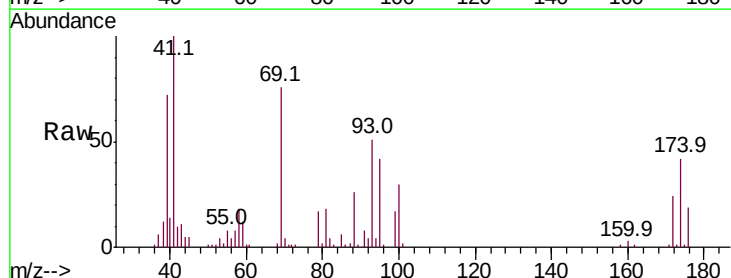
Tgt Ion: 41 Resp: 63369

Ion Ratio Lower Upper

41 100

69 76.9 59.3 88.9

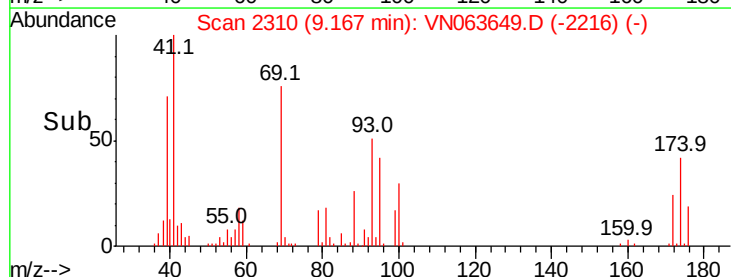
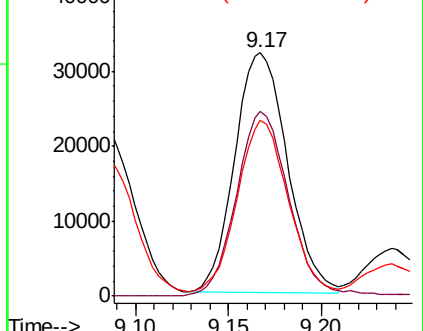
39 70.7 52.9 79.3

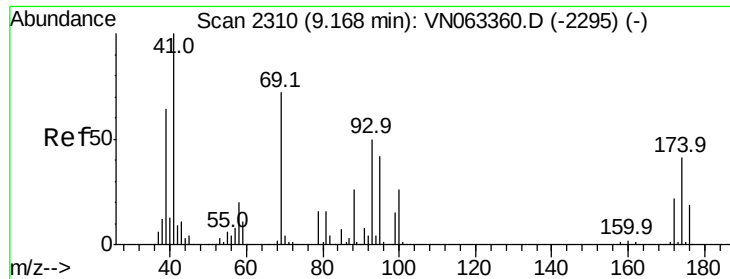


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 306.154 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

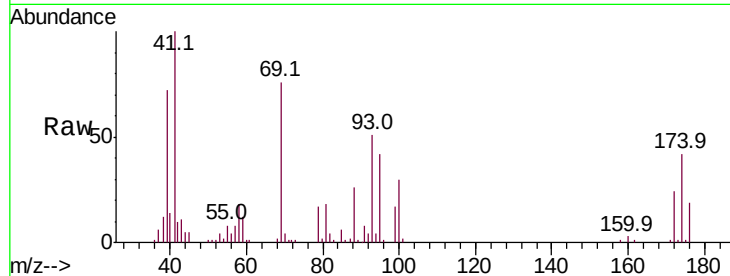
Tot Ion: 88 Resp: 17518

Ion Ratio Lower Upper

88 100

43 43.0 32.6 49.0

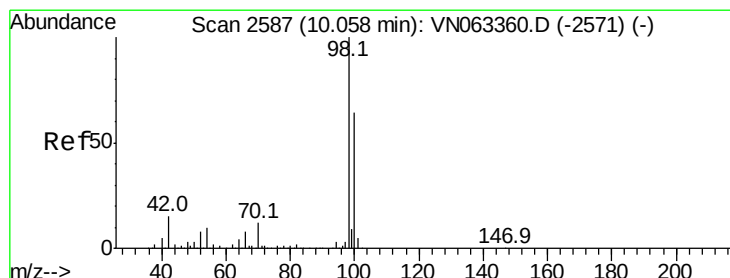
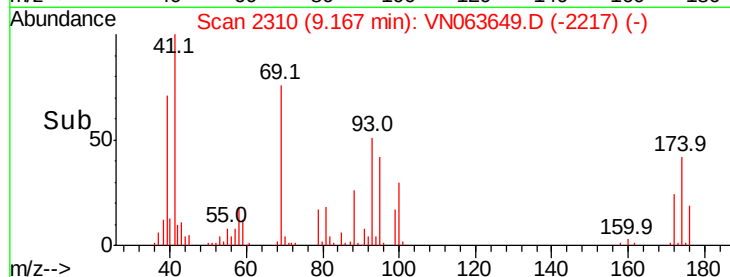
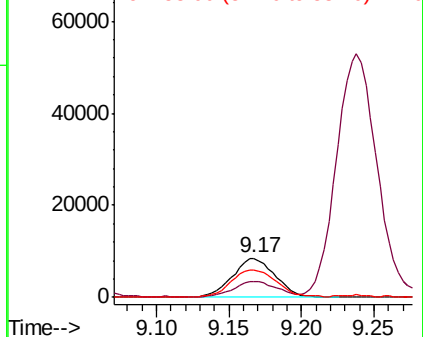
58 75.7 60.0 90.0



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: 46.080 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063649.D

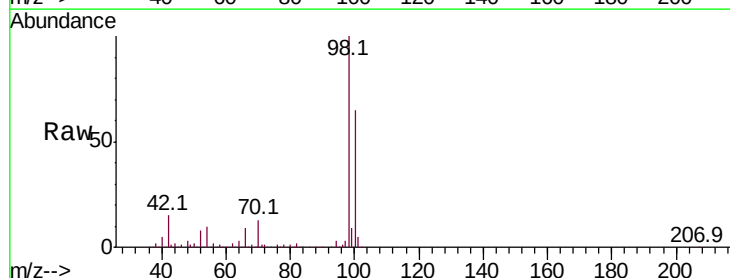
Acq: 25 Sep 2020 00:38

Tgt Ion: 98 Resp: 520673

Ion Ratio Lower Upper

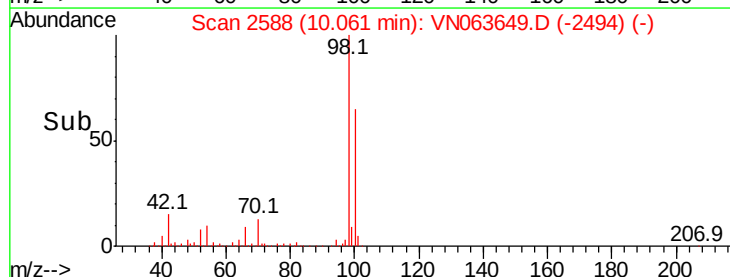
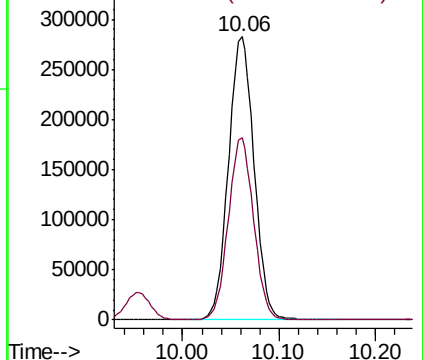
98 100

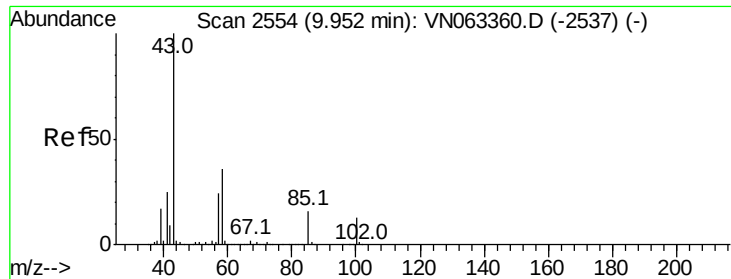
100 63.3 50.7 76.1



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: 87.822 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

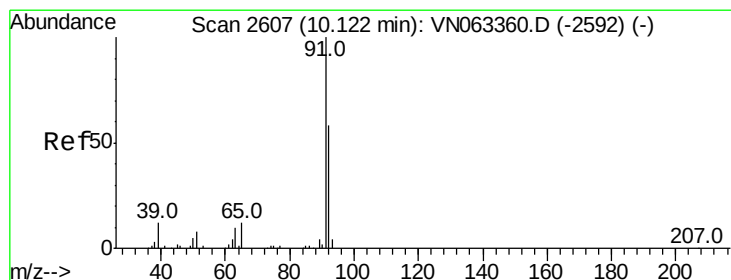
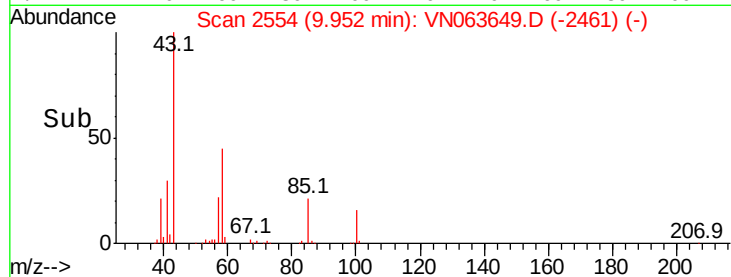
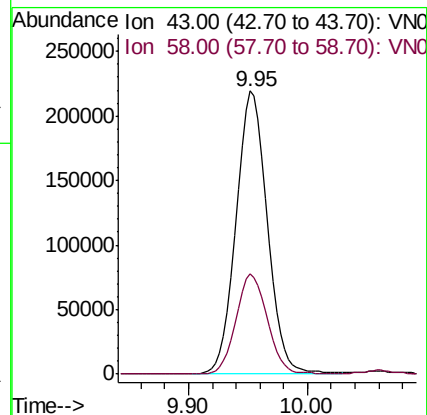
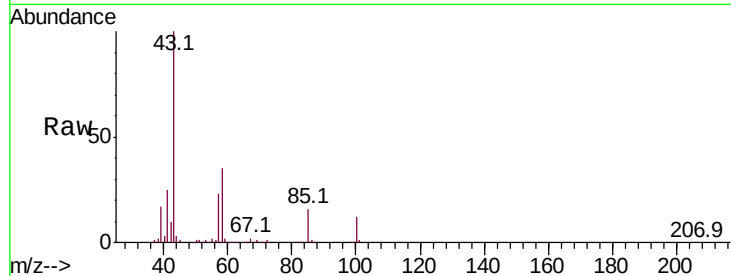
VN0924WBS02

Tot Ion: 43 Resp: 399011

Ion Ratio Lower Upper

43 100

58 35.5 29.0 43.6



#52

Toluene

Concen: 17.987 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063649.D

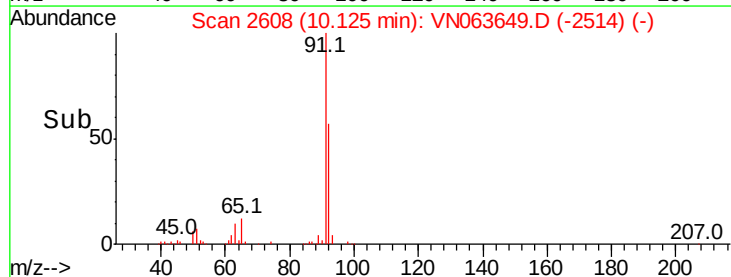
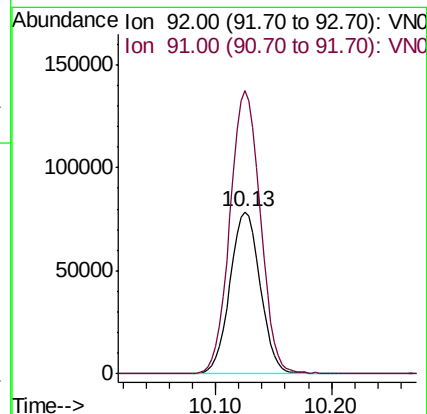
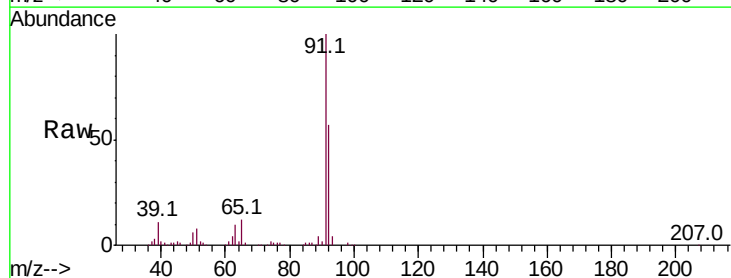
Acq: 25 Sep 2020 00:38

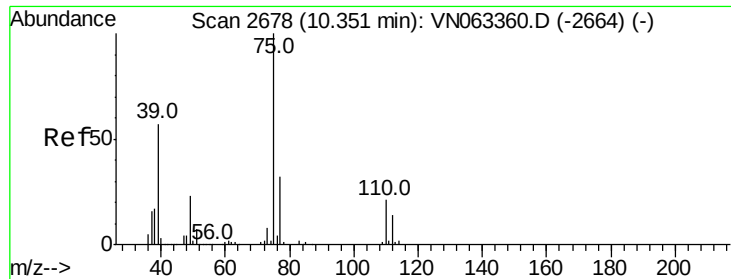
Tgt Ion: 92 Resp: 142764

Ion Ratio Lower Upper

92 100

91 174.8 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 15.921 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

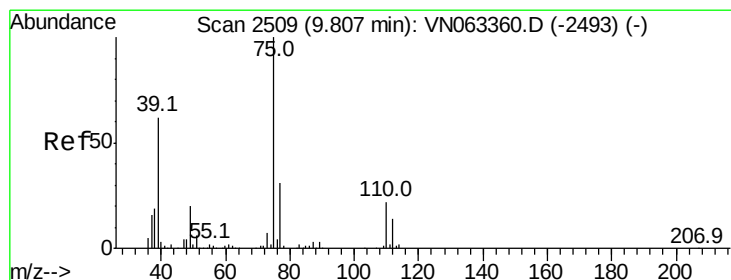
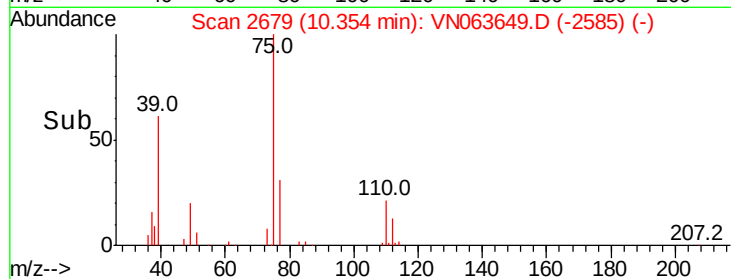
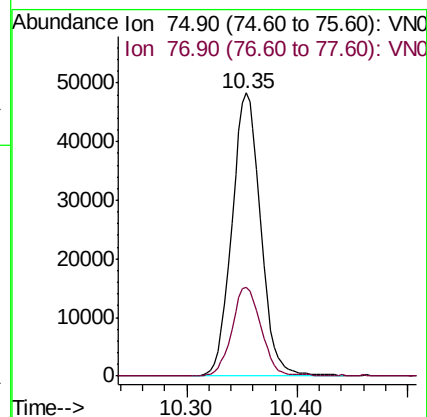
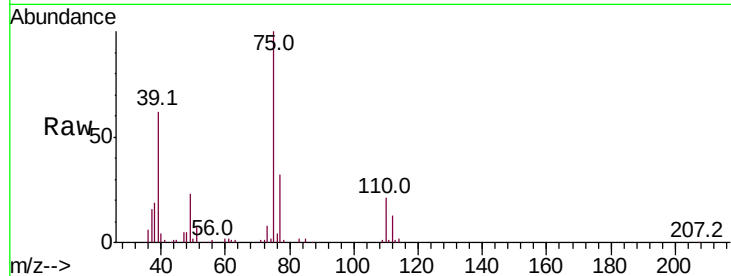
VN0924WBS02

Tot Ion: 75 Resp: 87257

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 16.303 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

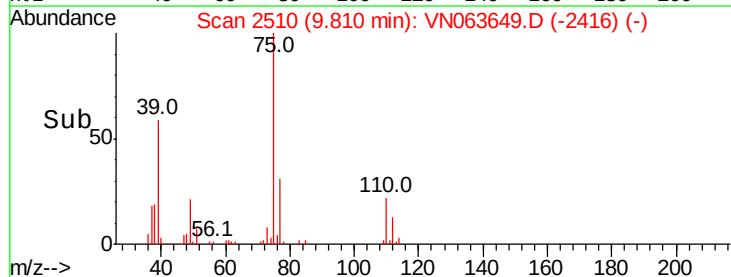
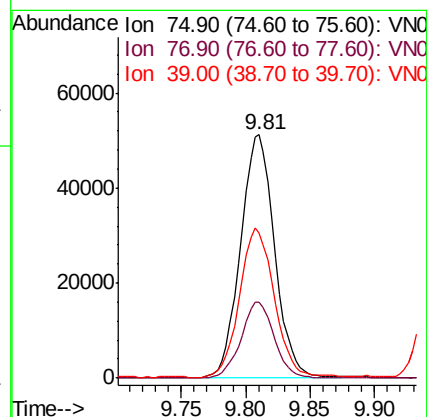
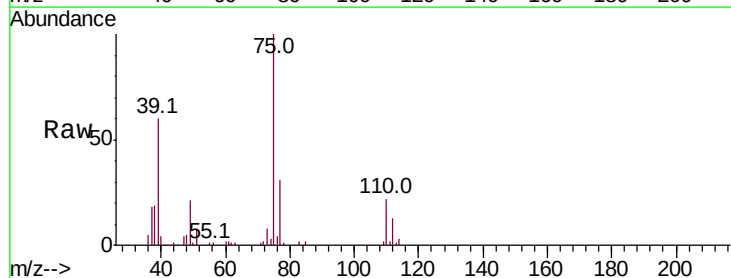
Tgt Ion: 75 Resp: 94247

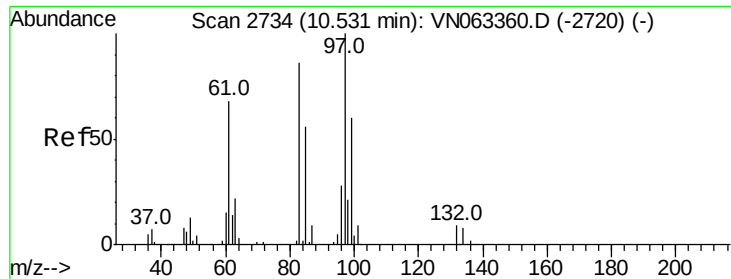
Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

39 59.3 49.8 74.8

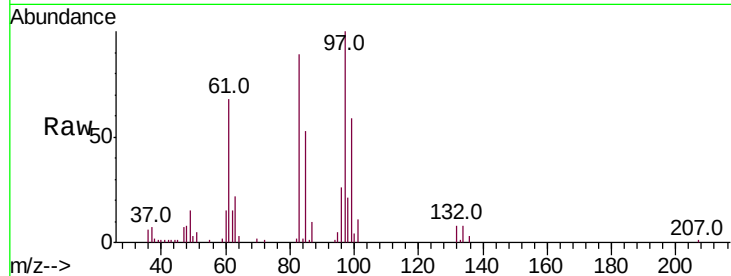




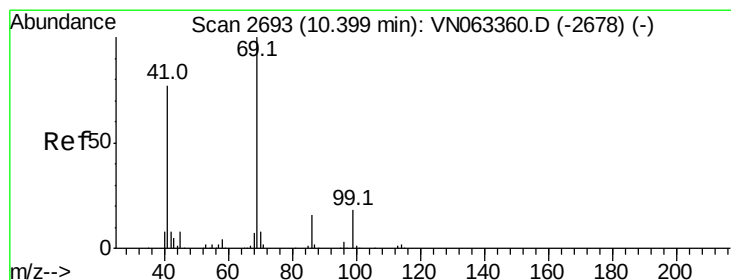
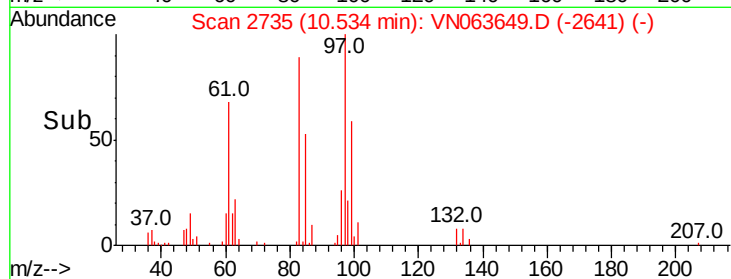
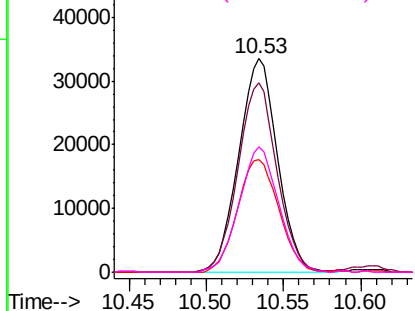
#55
 1,1,2-Trichloroethane
 Concen: 18.530 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN0924WBS02

Tot Ion: 97 Resp: 58416
 Ion Ratio Lower Upper
 97 100
 83 88.8 68.9 103.3
 85 52.9 44.8 67.2
 99 58.6 47.8 71.8

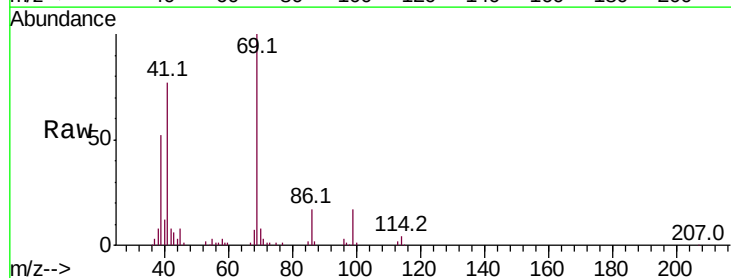


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

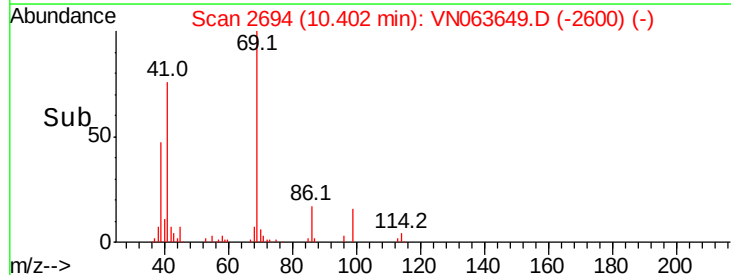
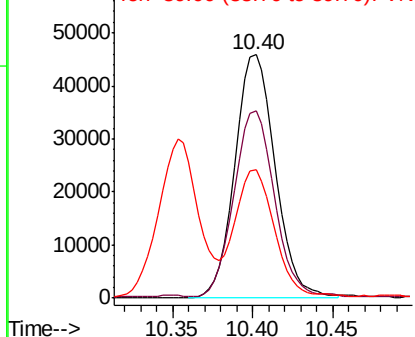


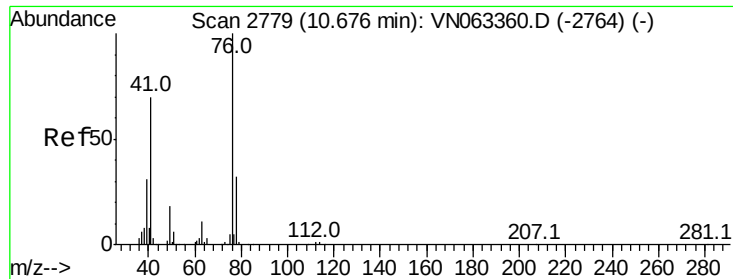
#56
 Ethyl methacrylate
 Concen: 16.063 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion: 69 Resp: 79055
 Ion Ratio Lower Upper
 69 100
 41 76.9 61.0 91.6
 39 50.6 39.2 58.8



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





#57

1,3-Dichloropropane

Concen: 17.262 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

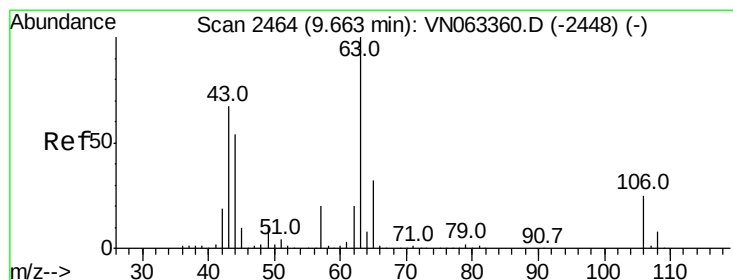
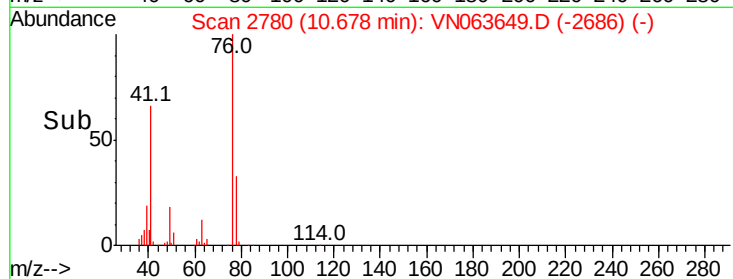
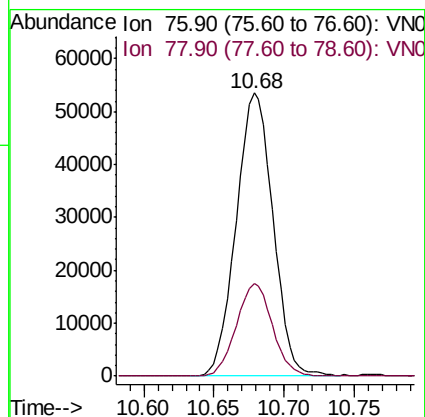
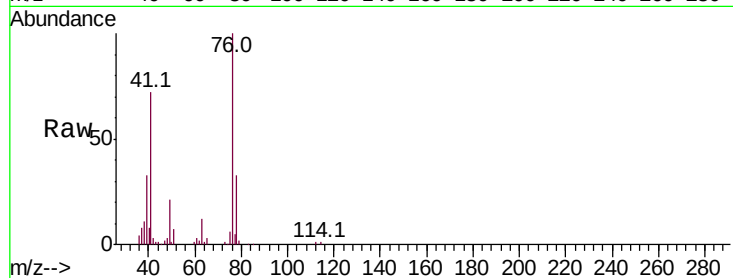
VN0924WBS02

Tot Ion: 76 Resp: 98139

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 79.995 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN063649.D

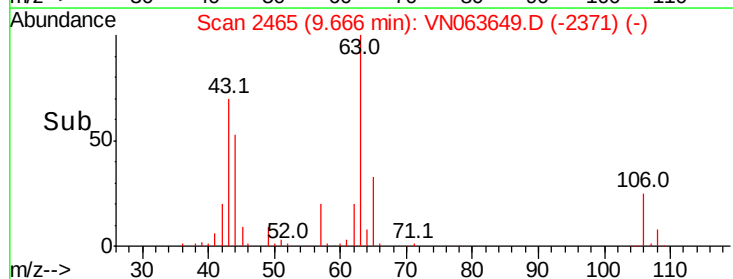
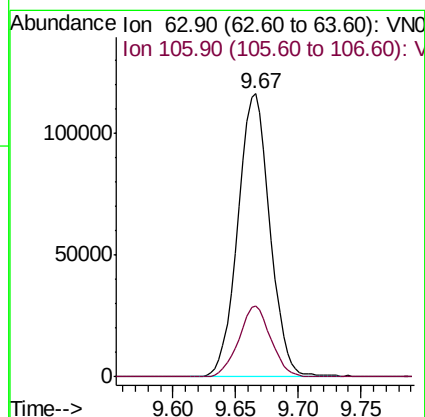
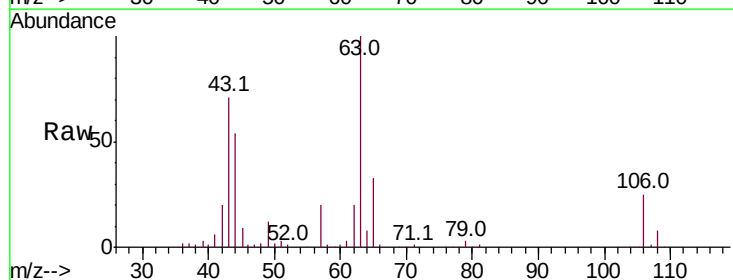
Acq: 25 Sep 2020 00:38

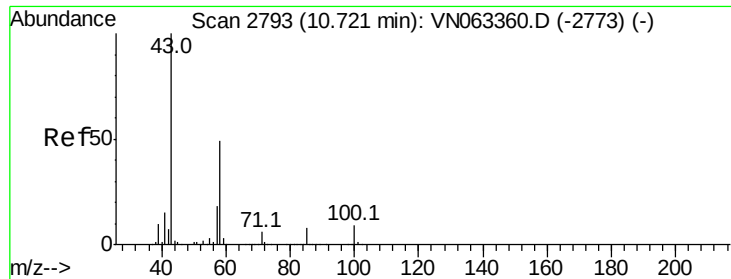
Tgt Ion: 63 Resp: 206526

Ion Ratio Lower Upper

63 100

106 25.0 19.5 29.3





#59

2-Hexanone

Concen: 84.748 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

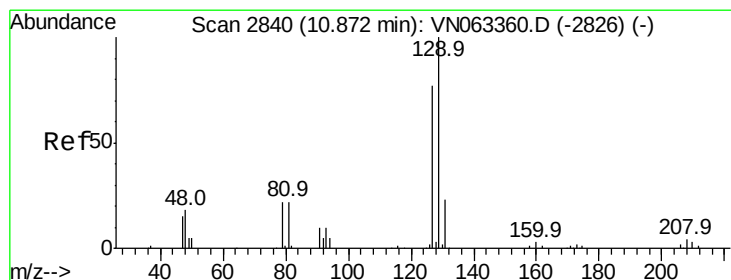
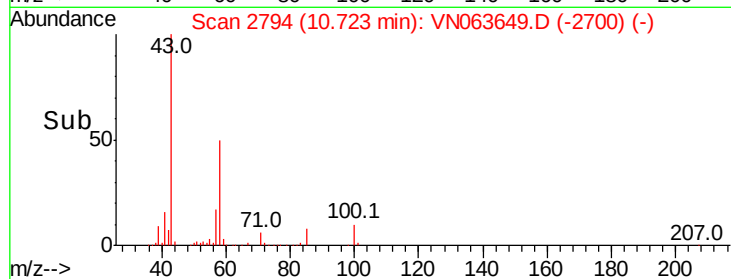
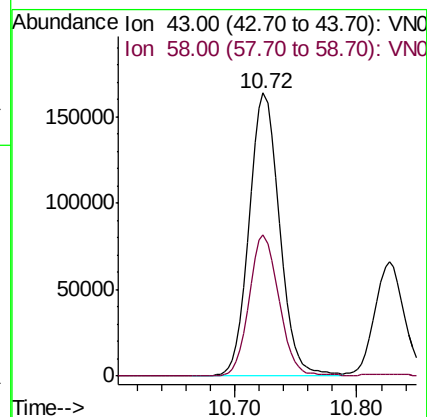
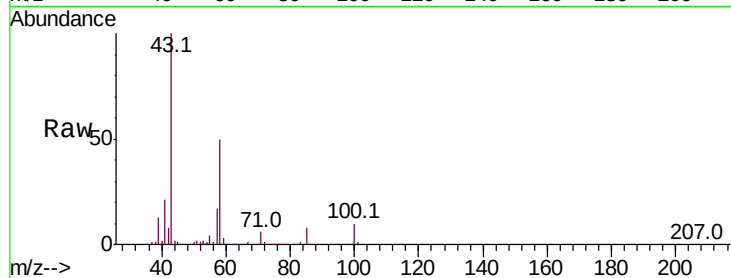
VN0924WBS02

Tot Ion: 43 Resp: 278956

Ion Ratio Lower Upper

43 100

58 49.4 24.7 74.1



#60

Dibromochloromethane

Concen: 17.238 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063649.D

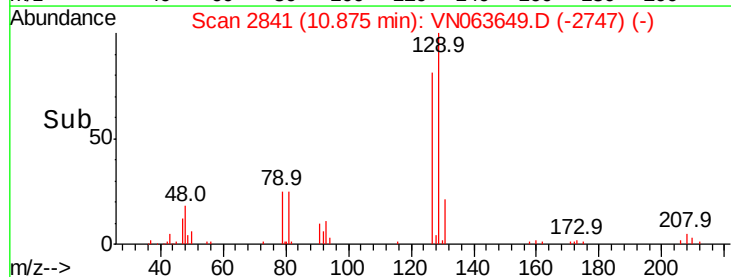
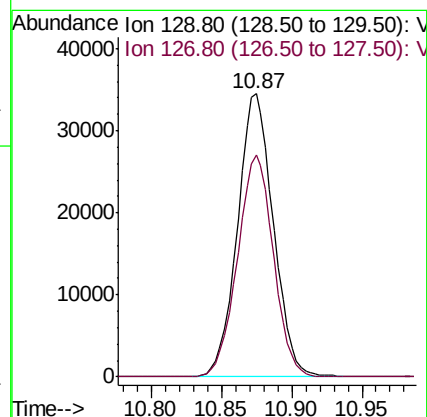
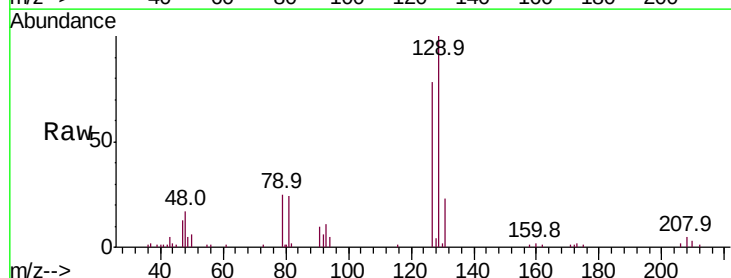
Acq: 25 Sep 2020 00:38

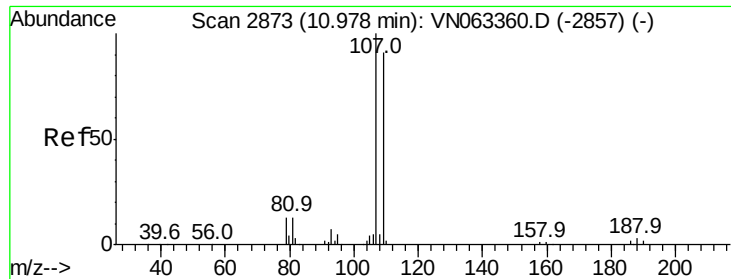
Tgt Ion: 129 Resp: 61396

Ion Ratio Lower Upper

129 100

127 78.3 39.1 117.3





#61

1,2-Dibromoethane

Concen: 18.222 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

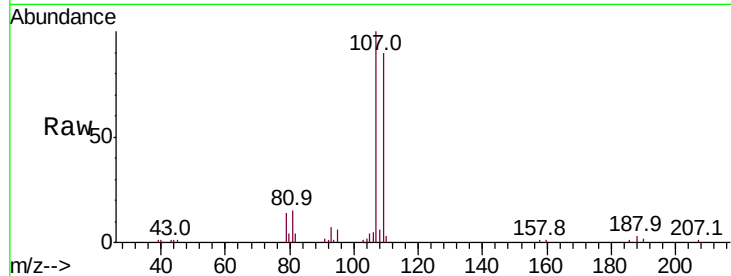
VN0924WBS02

Tot Ion:107 Resp: 59682

Ion Ratio Lower Upper

107 100

109 91.8 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

40000

30000

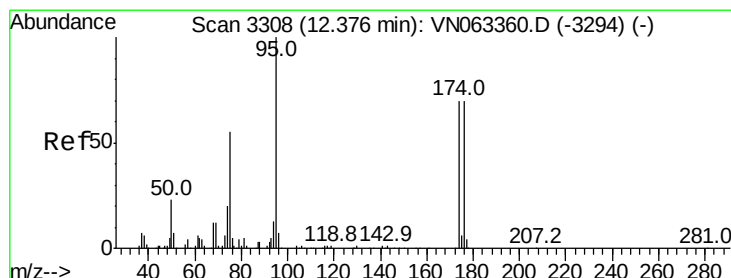
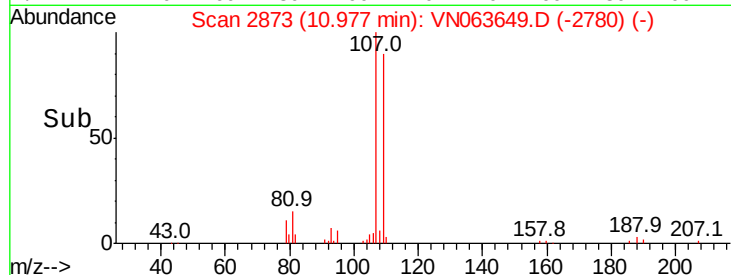
20000

10000

0

Time-->

10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 46.533 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

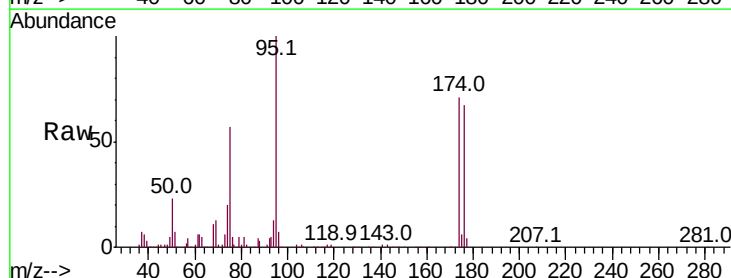
Tgt Ion: 95 Resp: 192744

Ion Ratio Lower Upper

95 100

174 72.3 0.0 140.8

176 68.6 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

150000

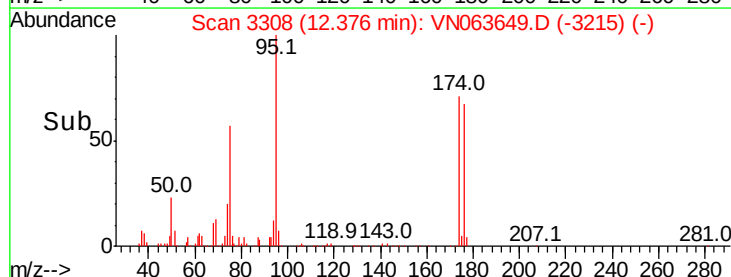
100000

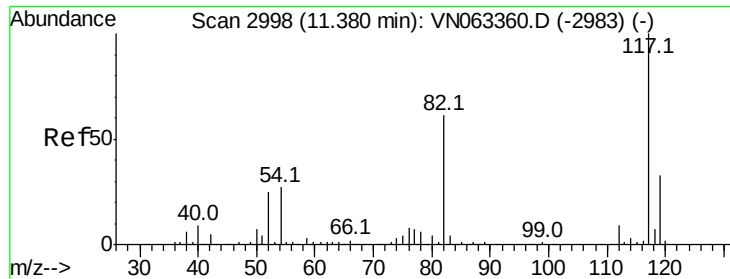
50000

0

Time-->

12.30 12.35 12.40 12.45

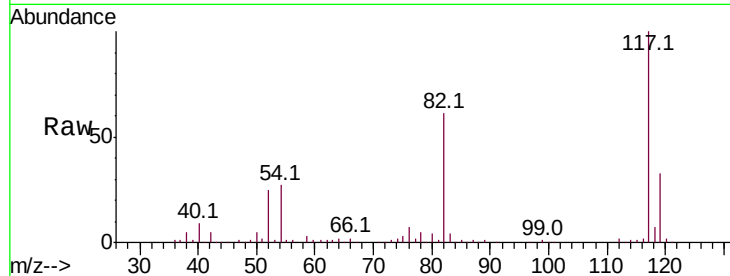




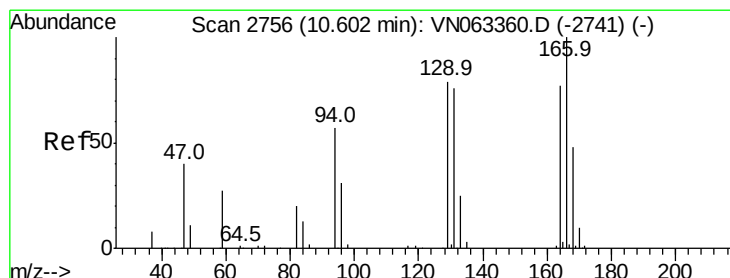
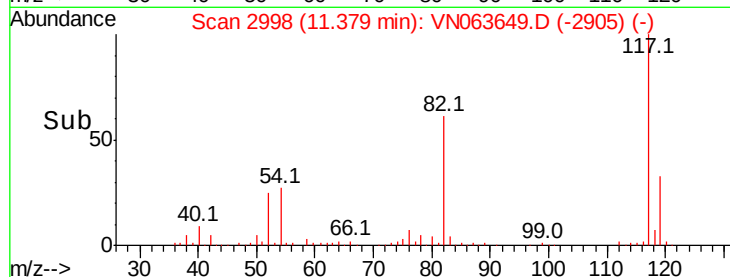
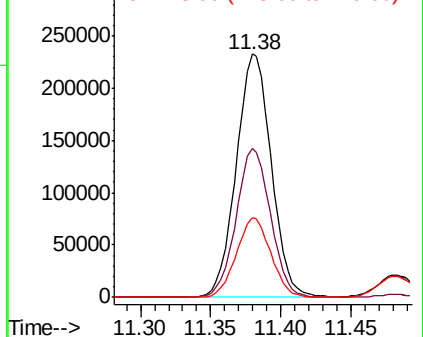
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion:117 Resp: 405610
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 32.6 26.2 39.4

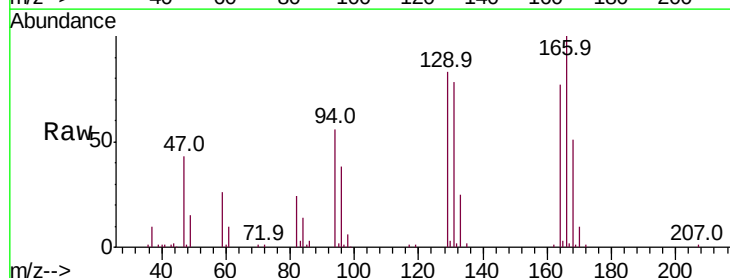


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

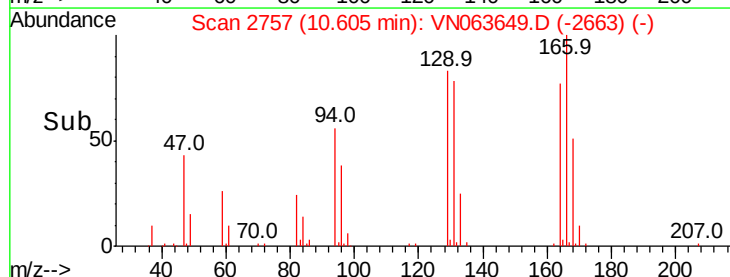
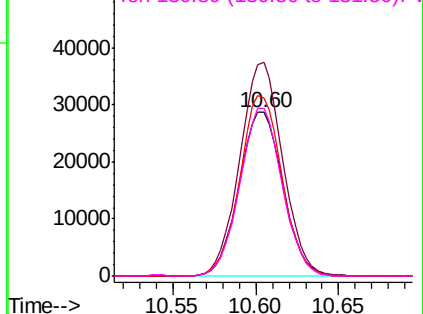


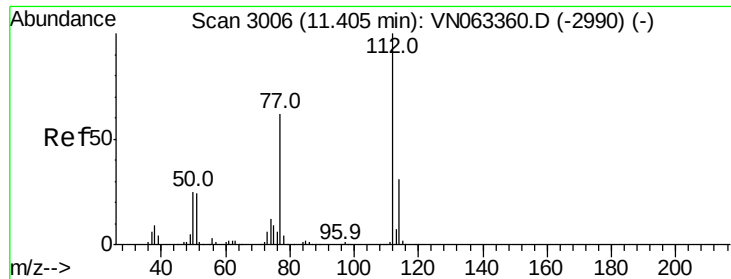
#64
Tetrachloroethene
Concen: 19.107 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion:164 Resp: 52772
Ion Ratio Lower Upper
164 100
166 130.4 103.4 155.0
129 108.3 81.8 122.6
131 102.3 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

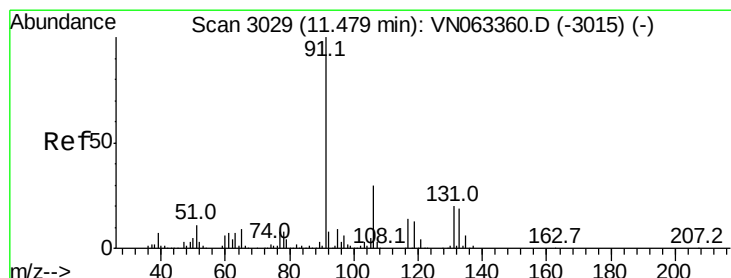
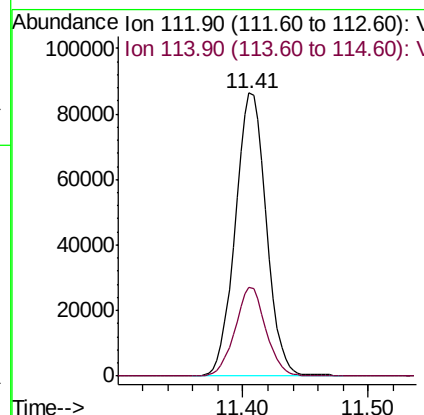
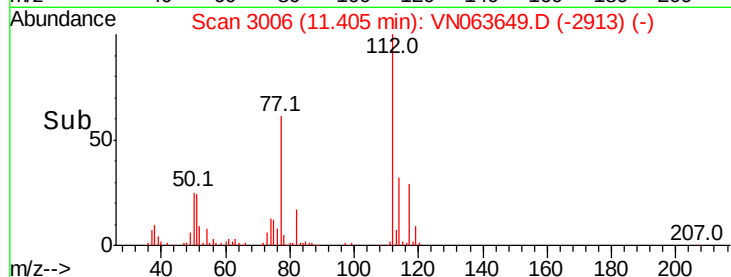
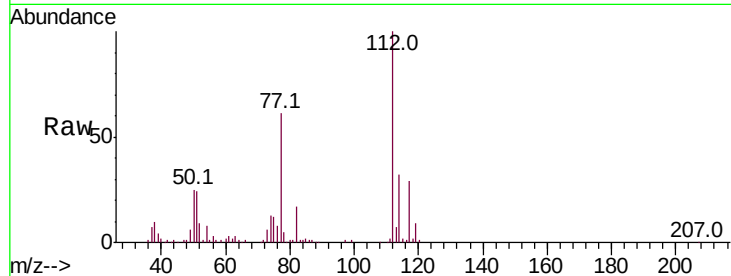




#65
Chlorobenzene
Concen: 17.214 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

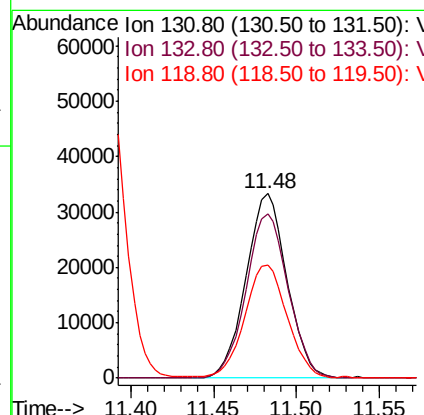
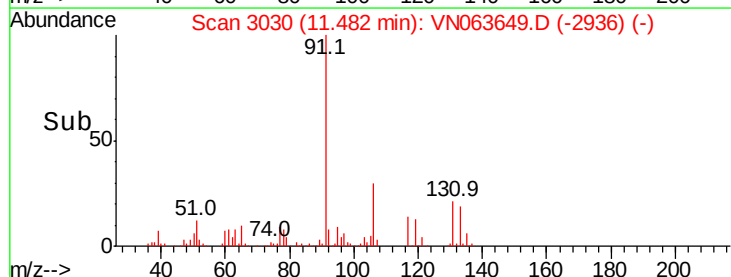
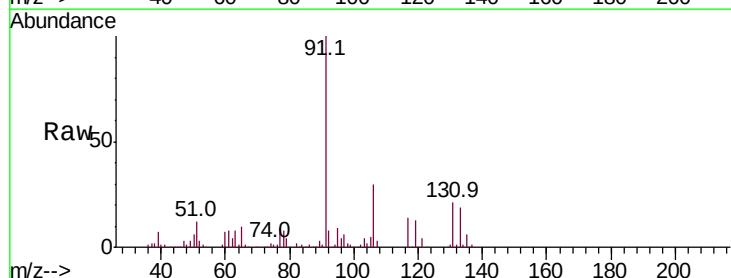
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

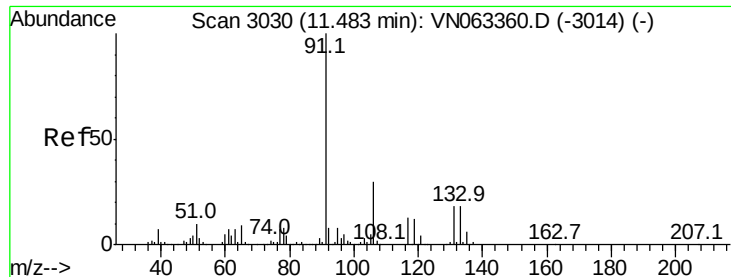
Tot Ion:112 Resp: 148212
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.188 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion:131 Resp: 57404
Ion Ratio Lower Upper
131 100
133 91.2 47.3 141.9
119 63.7 33.6 100.8

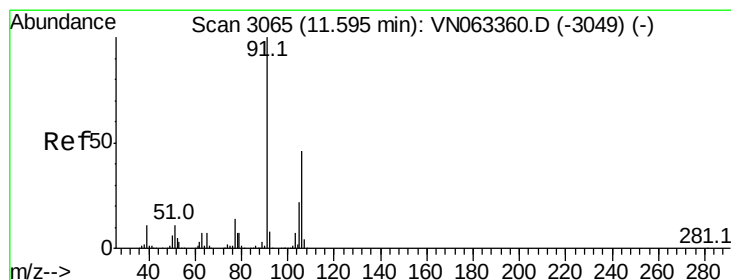
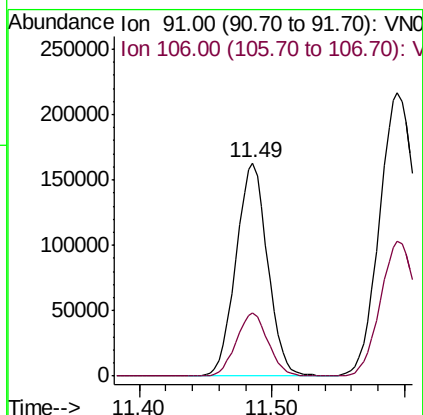
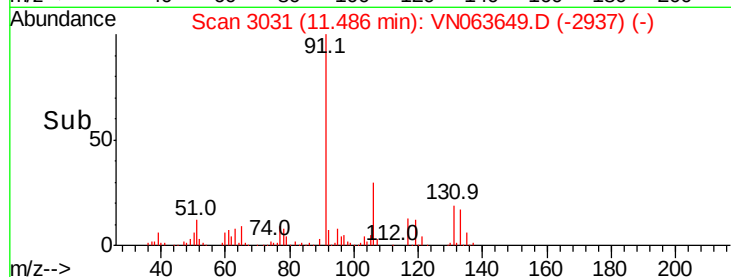
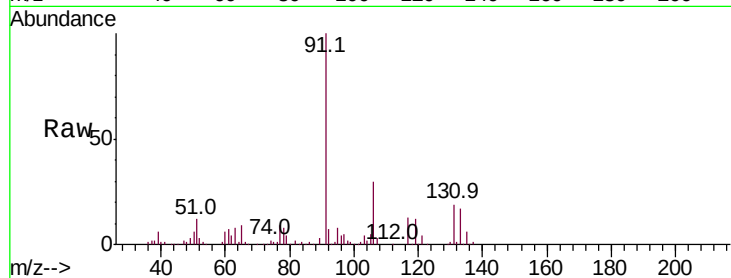




#67
Ethyl Benzene
Concen: 16.660 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

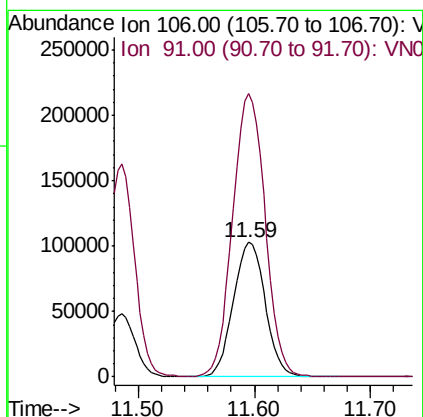
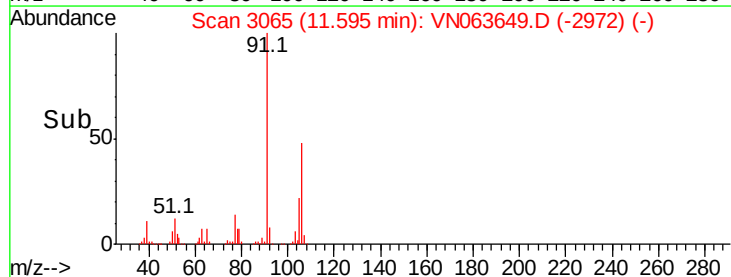
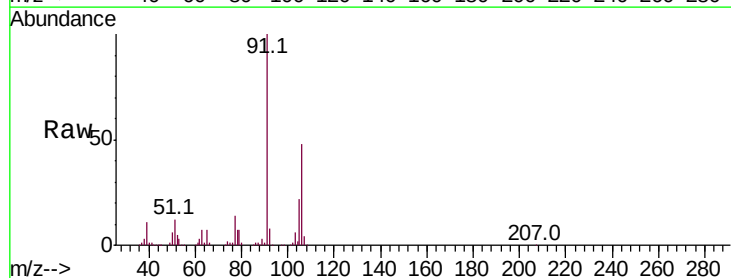
Instrument :
MSVOA_N
ClientSampled :
VN0924WBS02

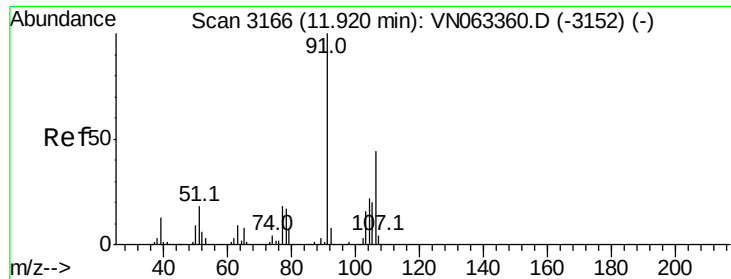
Tot Ion: 91 Resp: 270132
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6



#68
m/p-Xylenes
Concen: 33.621 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion: 106 Resp: 196551
Ion Ratio Lower Upper
106 100
91 213.3 171.2 256.8

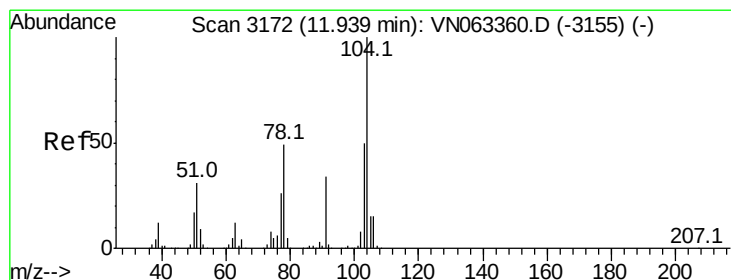
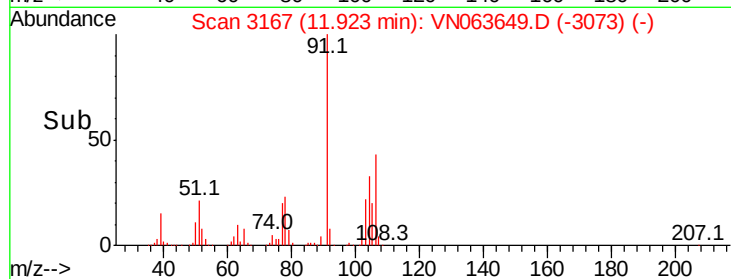
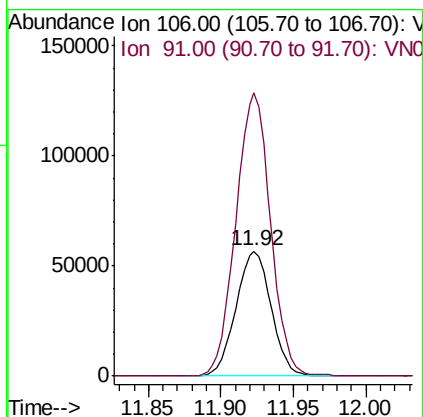
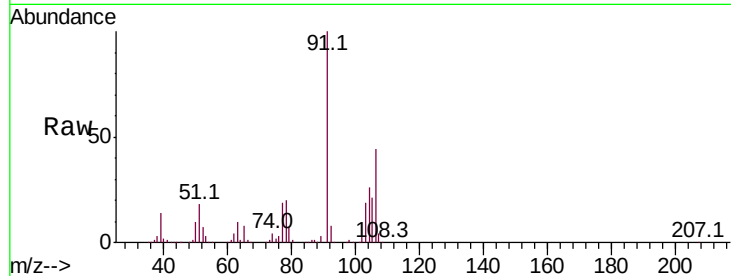




#69
o-Xylene
Concen: 17.193 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

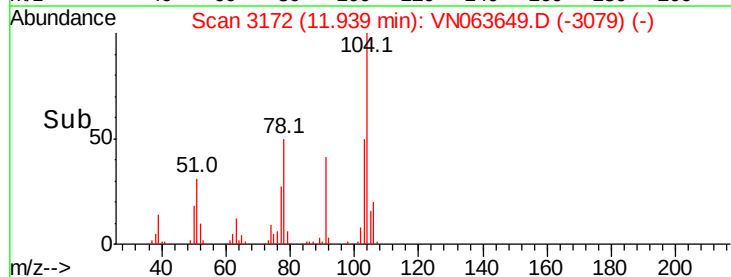
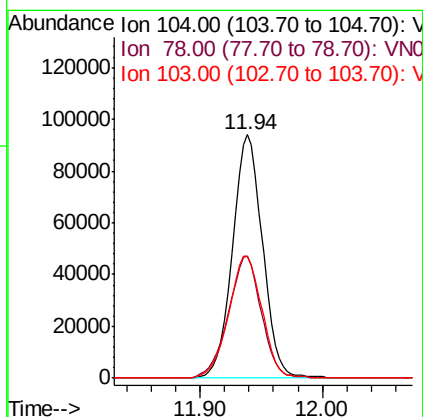
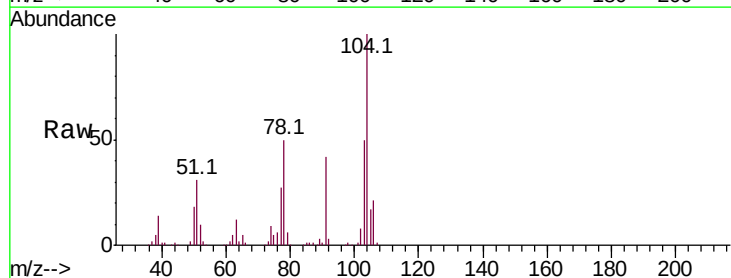
Instrument :
MSVOA_N
ClientSampled :
VN0924WBS02

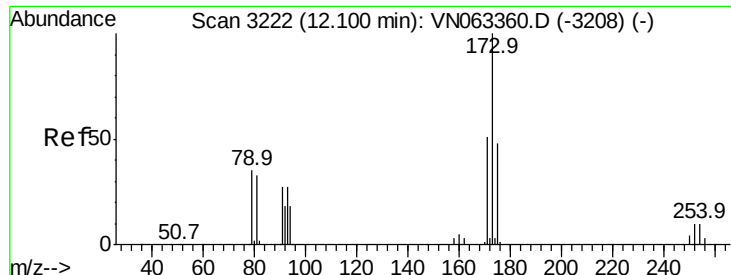
Tot Ion:106 Resp: 95750
Ion Ratio Lower Upper
106 100
91 223.6 113.6 340.8



#70
Styrene
Concen: 17.216 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion:104 Resp: 160783
Ion Ratio Lower Upper
104 100
78 55.2 44.4 66.6
103 55.9 43.7 65.5





#71

Bromoform

Concen: 16.135 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

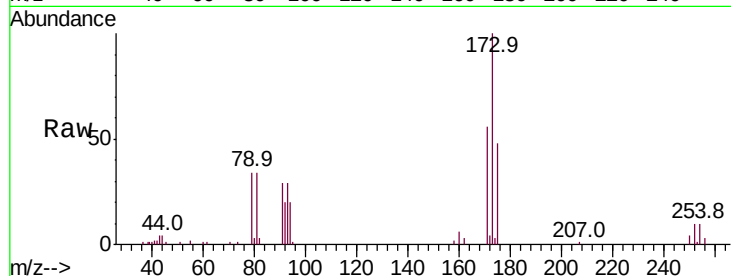
Tot Ion:173 Resp: 37937

Ion Ratio Lower Upper

173 100

175 48.1 24.0 72.0

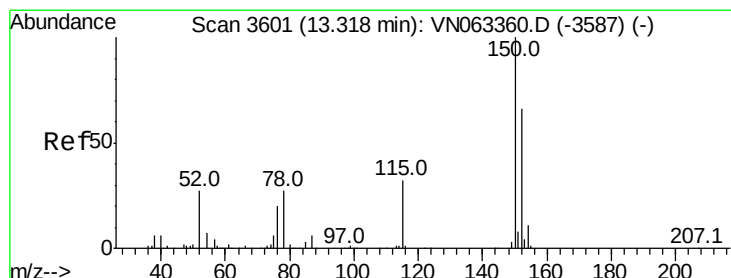
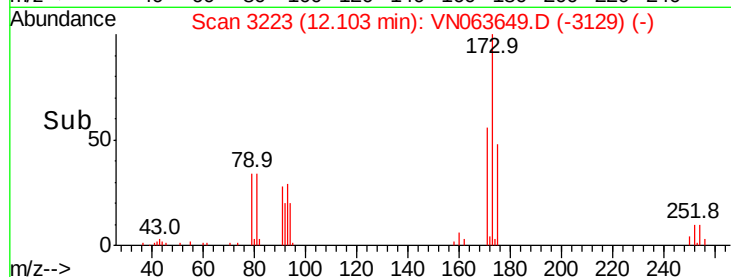
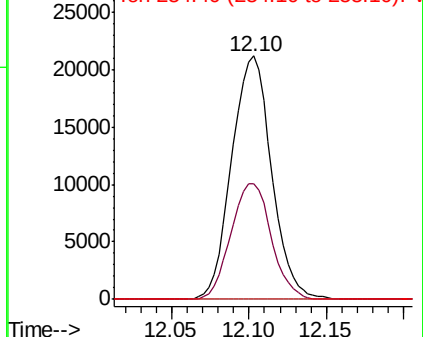
254 0.0 0.0 0.0



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: VN063649.D

Acq: 25 Sep 2020 00:38

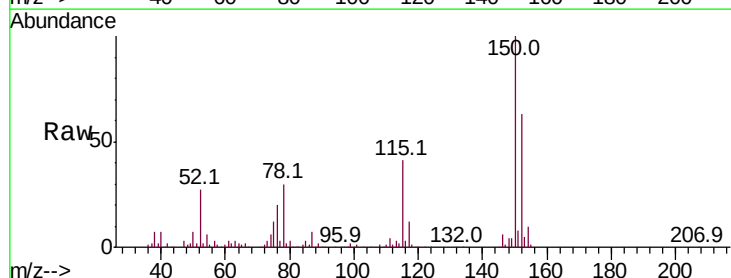
Tgt Ion:152 Resp: 185909

Ion Ratio Lower Upper

152 100

115 62.7 32.2 96.6

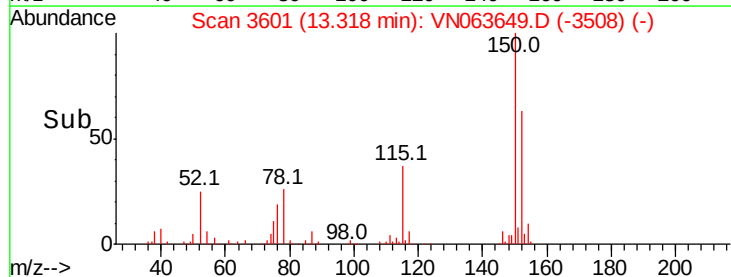
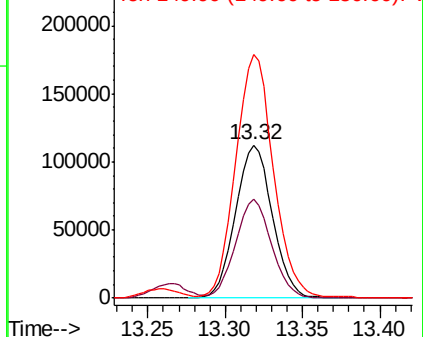
150 161.8 0.0 343.4

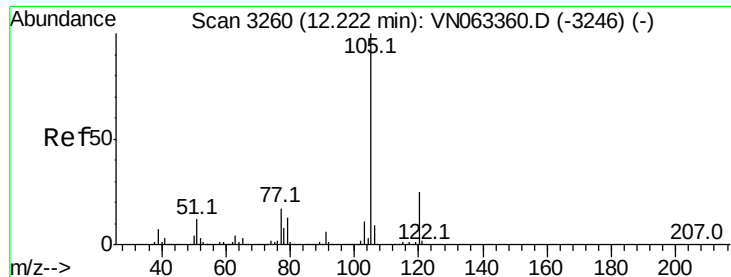


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.137 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

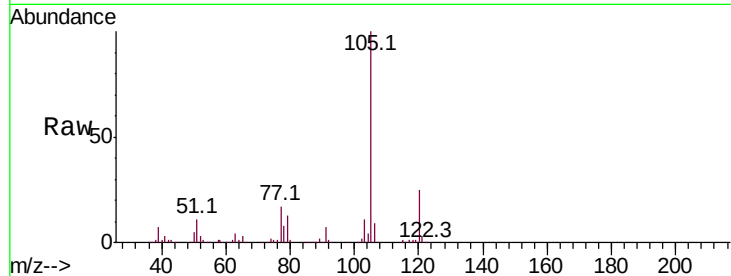
VN0924WBS02

Tot Ion:105 Resp: 255302

Ion Ratio Lower Upper

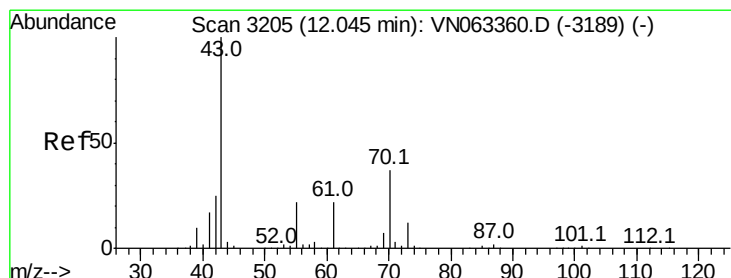
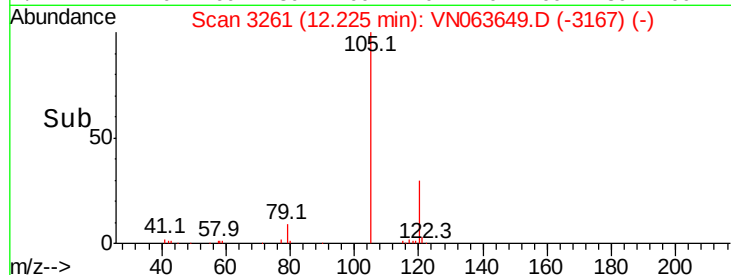
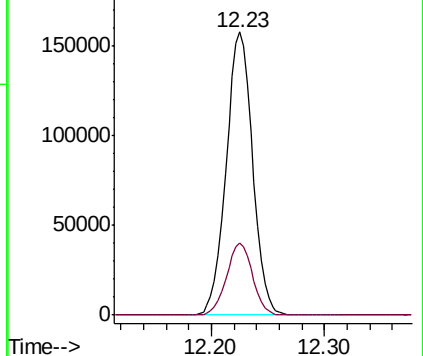
105 100

120 25.2 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: 15.731 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Tgt Ion: 43 Resp: 110936

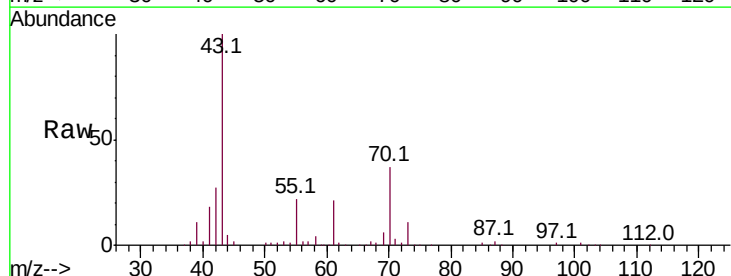
Ion Ratio Lower Upper

43 100

70 36.7 29.6 44.4

55 23.6 17.7 26.5

61 21.5 17.4 26.2

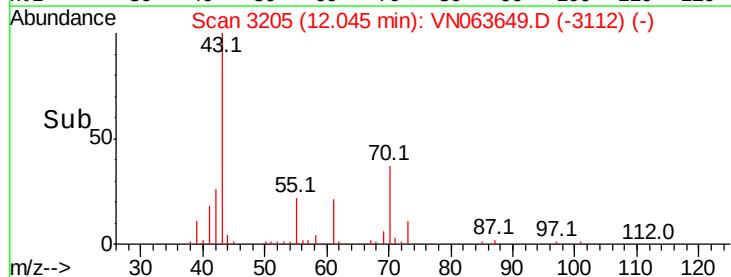
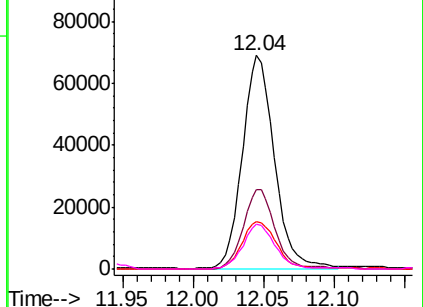


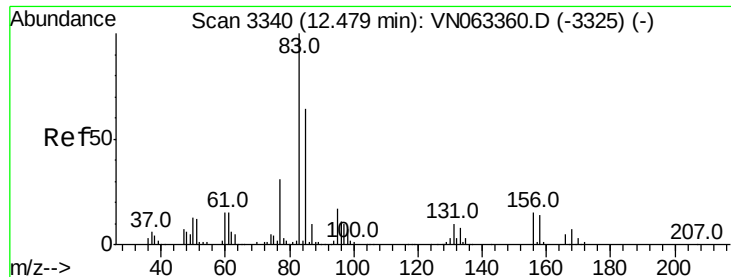
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 17.528 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

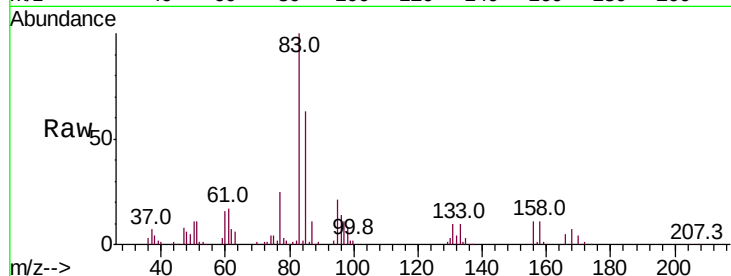
Tot Ion: 83 Resp: 80851

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

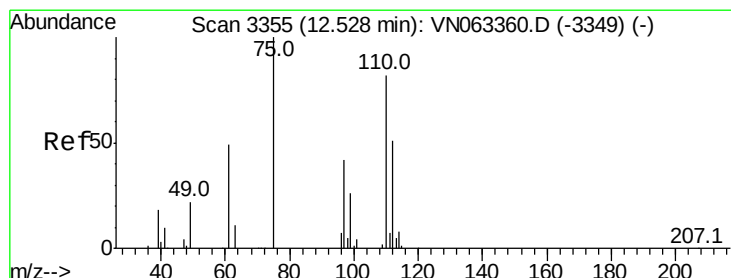
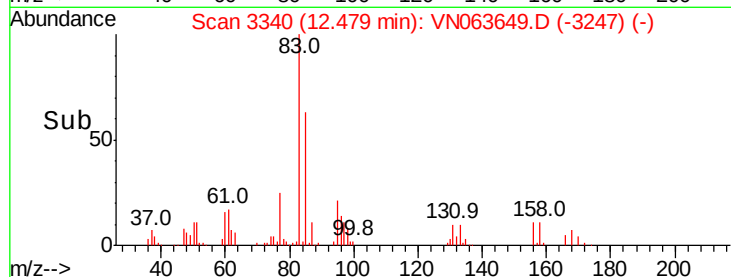
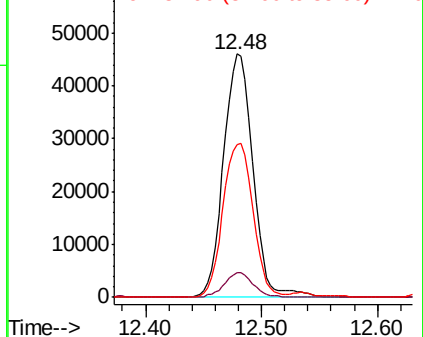
85 64.5 32.0 96.0



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: 23.458 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063649.D

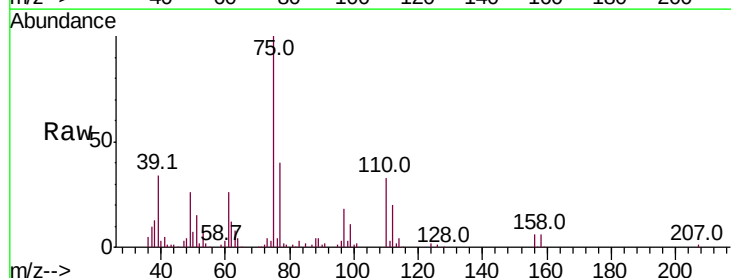
Acq: 25 Sep 2020 00:38

Tgt Ion: 75 Resp: 107944

Ion Ratio Lower Upper

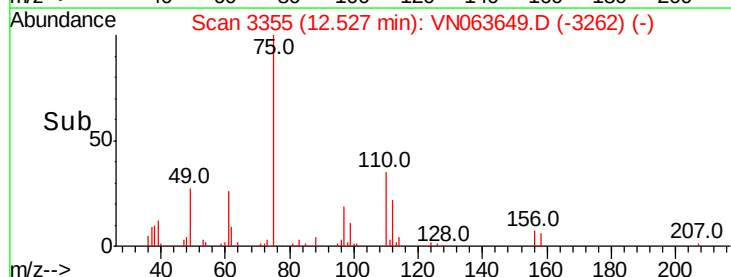
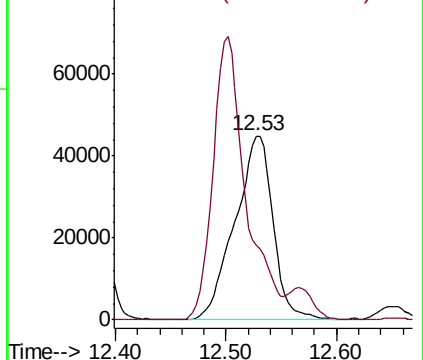
75 100

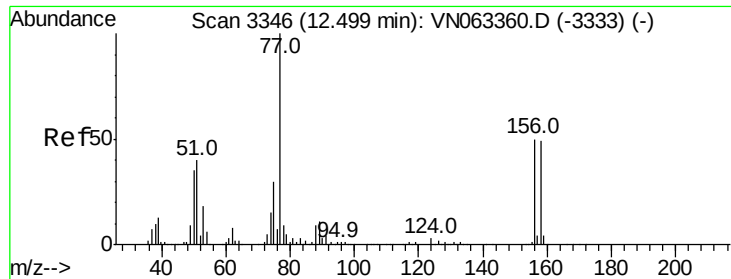
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

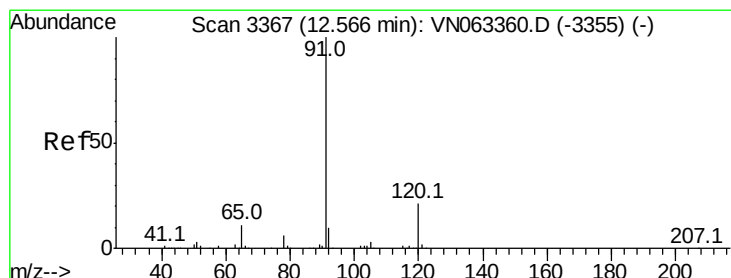
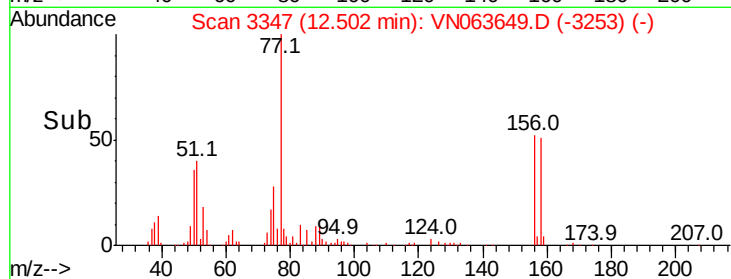
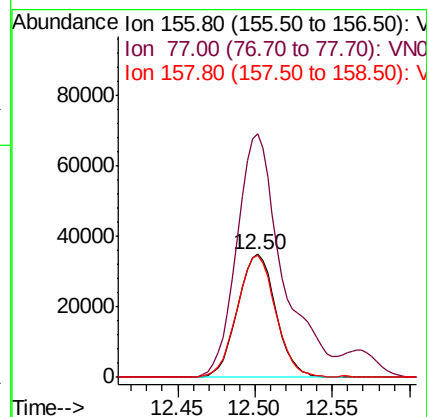
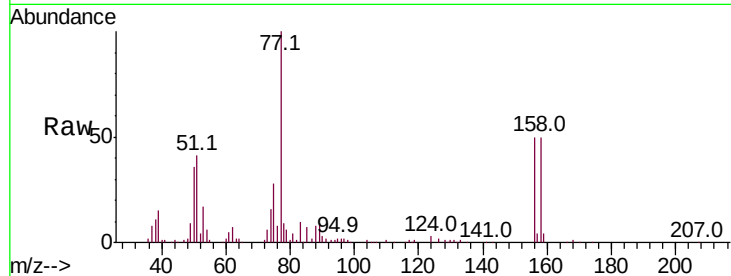




#77
Bromobenzene
Concen: 17.923 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

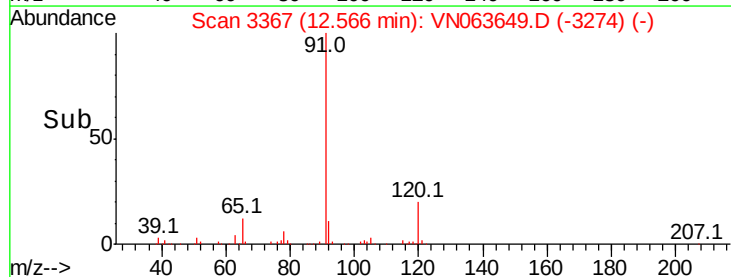
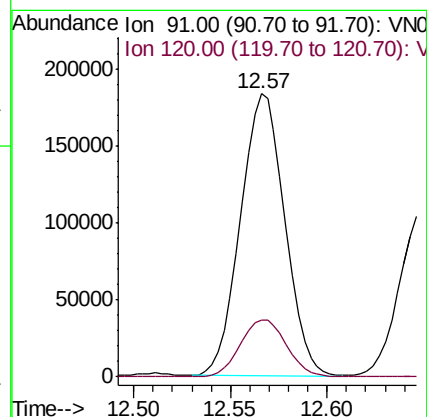
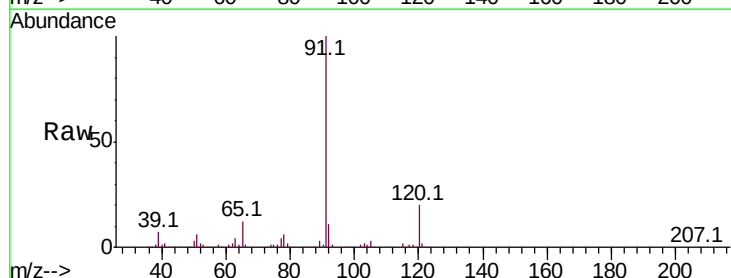
Instrument :
MSVOA_N
ClientSampled :
VN0924WBS02

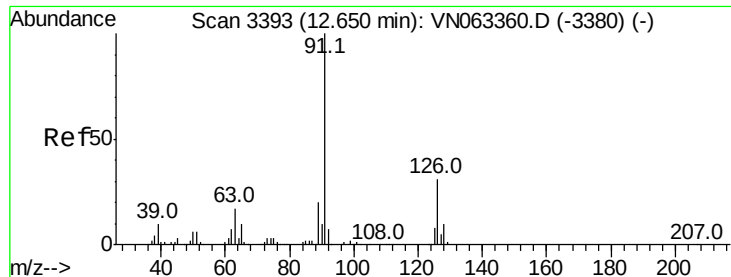
Tot Ion:156 Resp: 60063
Ion Ratio Lower Upper
156 100
77 235.3 120.2 360.6
158 99.8 48.9 146.6



#78
n-propylbenzene
Concen: 16.827 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion: 91 Resp: 291981
Ion Ratio Lower Upper
91 100
120 21.1 10.8 32.3





#79

2-Chlorotoluene

Concen: 17.451 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

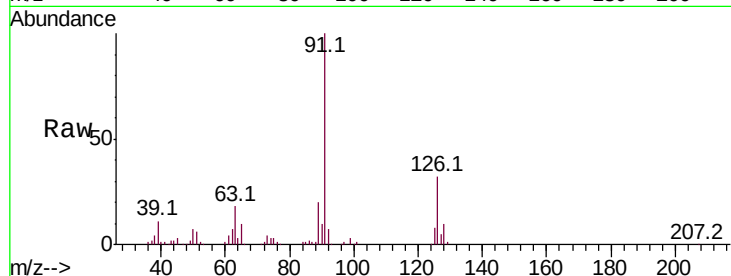
VN0924WBS02

Tot Ion: 91 Resp: 181516

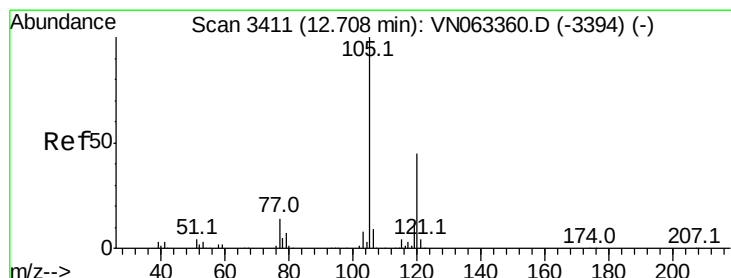
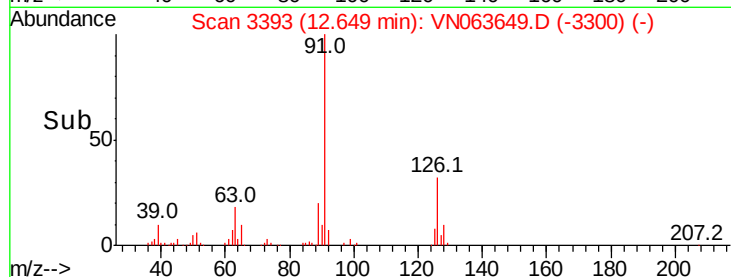
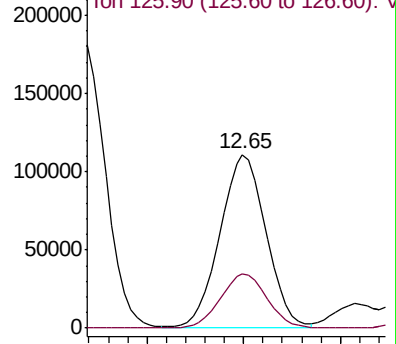
Ion Ratio Lower Upper

91 100

126 32.1 15.8 47.3



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



#80

1,3,5-Trimethylbenzene

Concen: 17.445 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063649.D

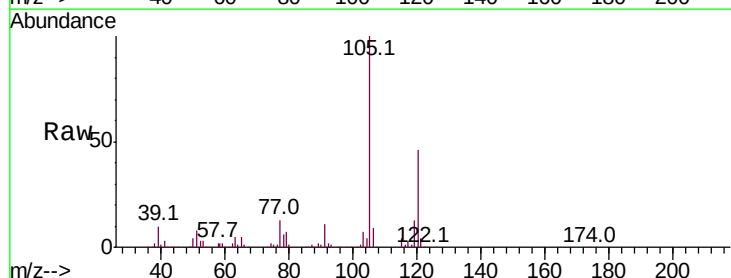
Acq: 25 Sep 2020 00:38

Tgt Ion:105 Resp: 216718

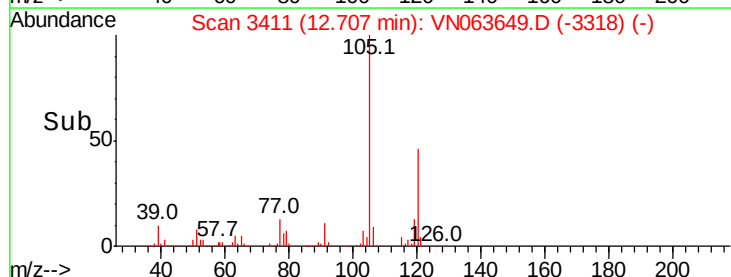
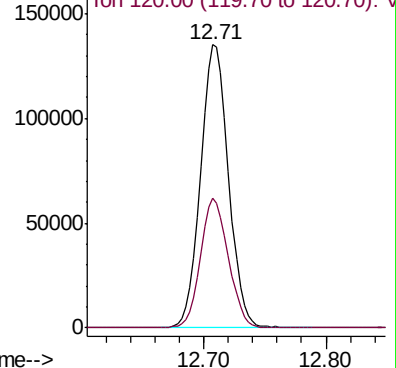
Ion Ratio Lower Upper

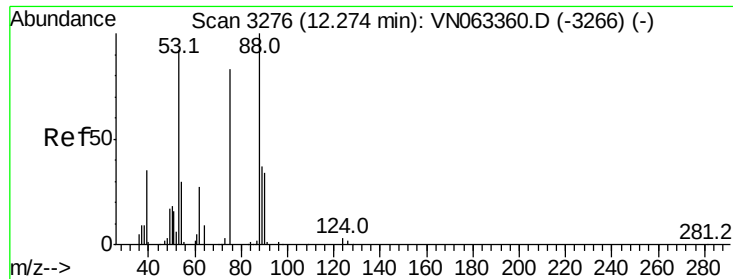
105 100

120 45.7 22.9 68.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 14.341 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS02

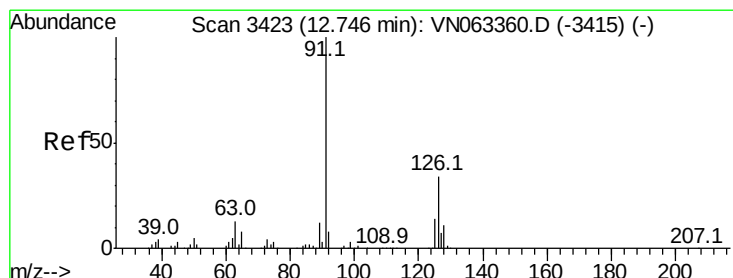
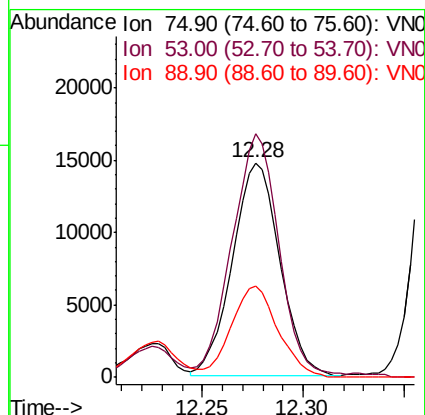
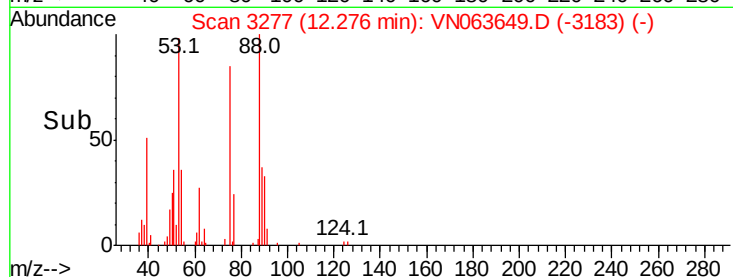
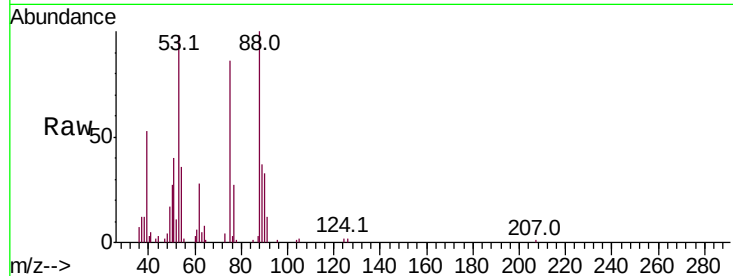
Tot Ion: 75 Resp: 24069

Ion Ratio Lower Upper

75 100

53 111.5 85.7 128.5

89 42.9 38.0 57.0



#82

4-Chlorotoluene

Concen: 17.451 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063649.D

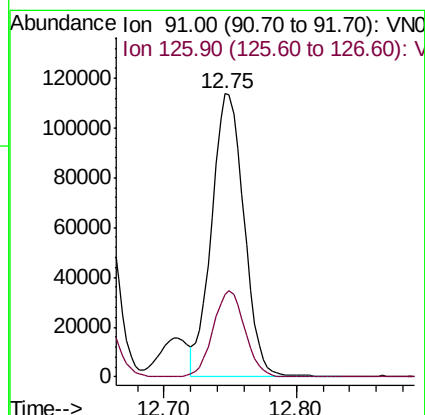
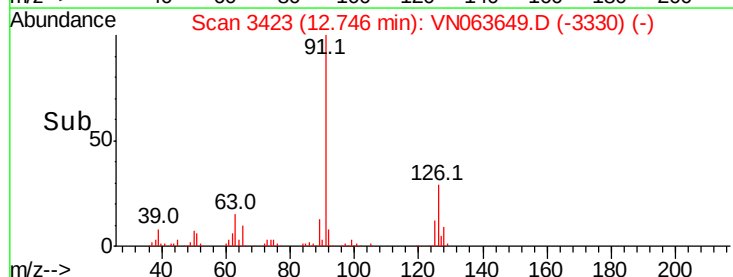
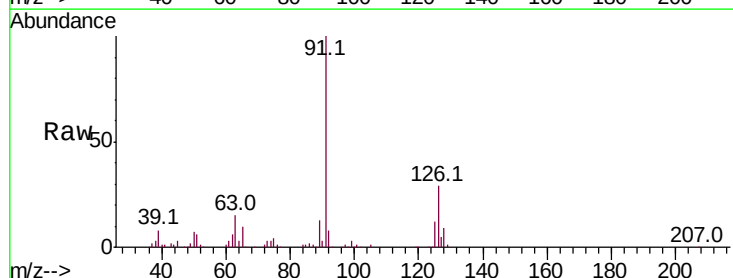
Acq: 25 Sep 2020 00:38

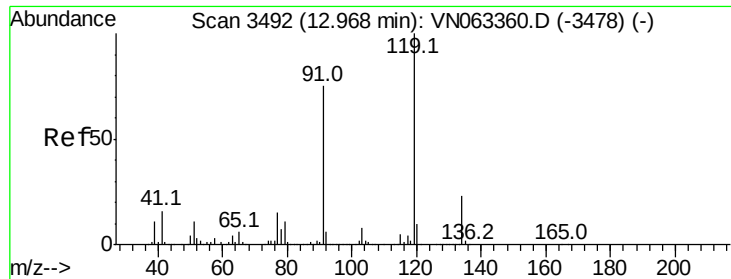
Tgt Ion: 91 Resp: 191783

Ion Ratio Lower Upper

91 100

126 30.2 15.5 46.5





#83

tert-Butylbenzene

Concen: 16.798 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS02

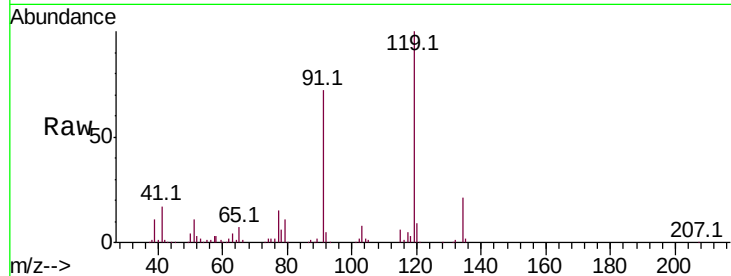
Tot Ion:119 Resp: 172231

Ion Ratio Lower Upper

119 100

91 73.2 36.3 108.9

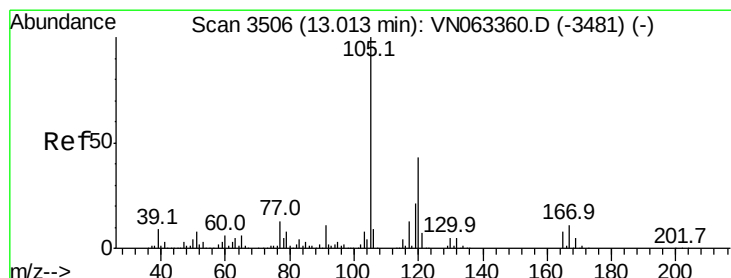
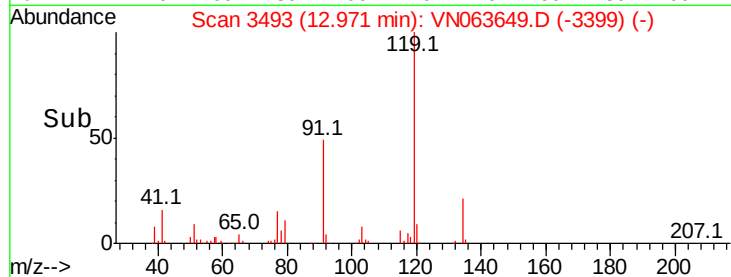
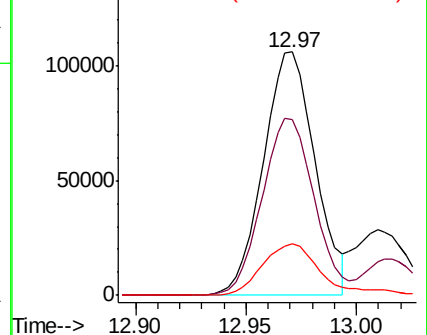
134 24.4 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.183 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063649.D

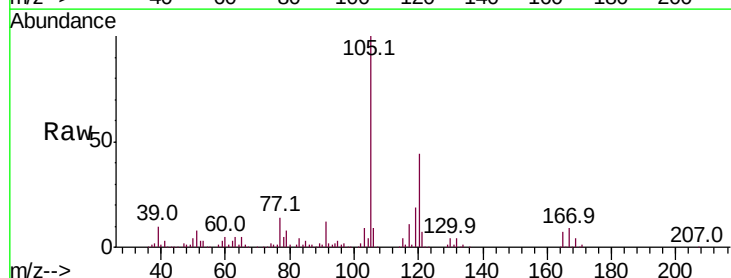
Acq: 25 Sep 2020 00:38

Tgt Ion:105 Resp: 215611

Ion Ratio Lower Upper

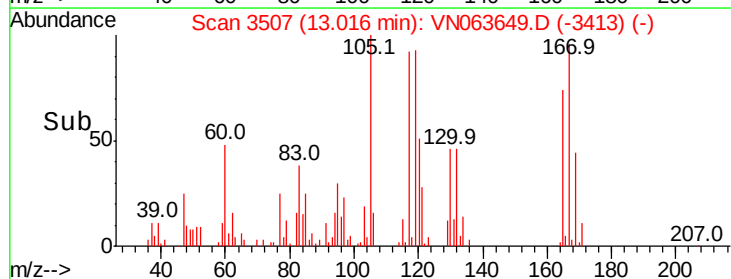
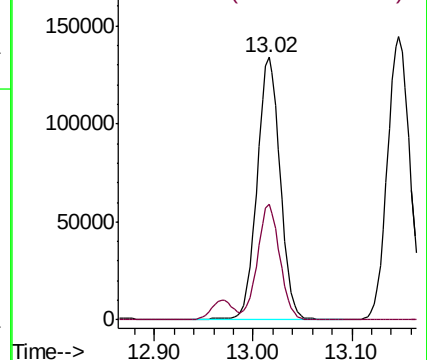
105 100

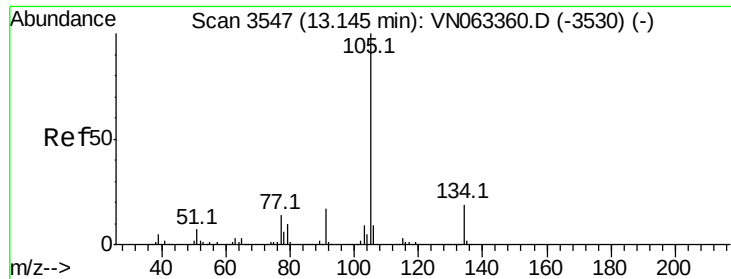
120 42.4 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 16.715 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

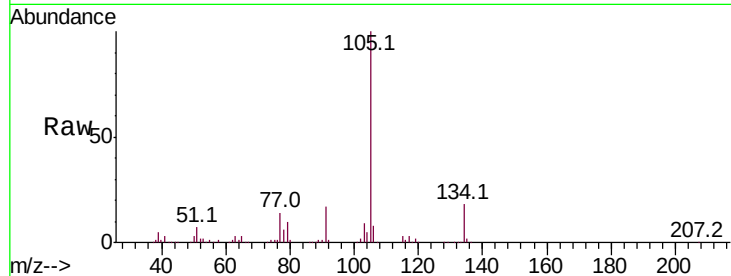
VN0924WBS02

Tot Ion:105 Resp: 229408

Ion Ratio Lower Upper

105 100

134 18.0 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

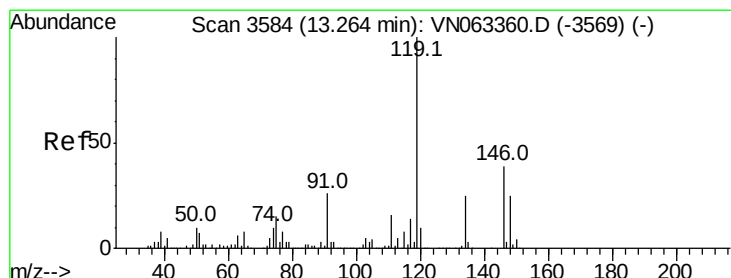
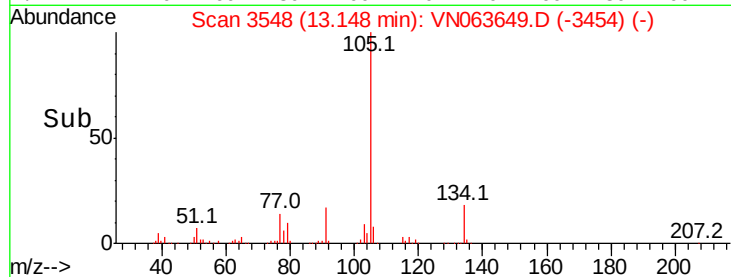
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 16.384 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

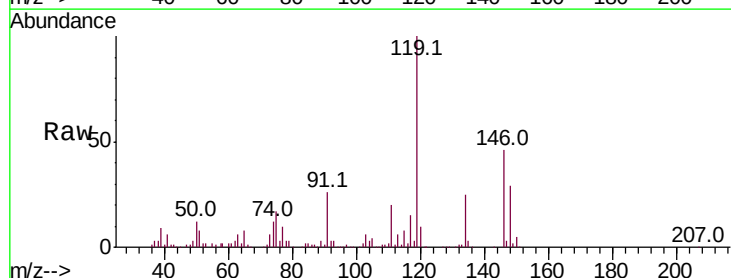
Tgt Ion:119 Resp: 198330

Ion Ratio Lower Upper

119 100

134 24.7 12.5 37.5

91 27.0 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

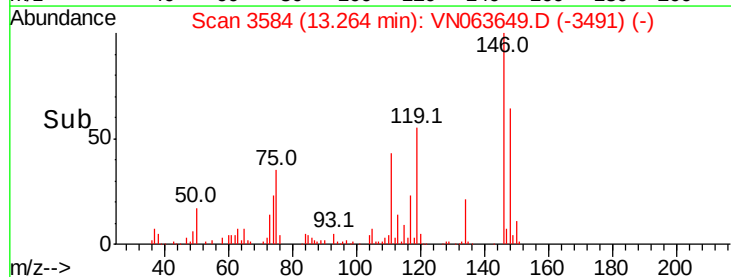
150000

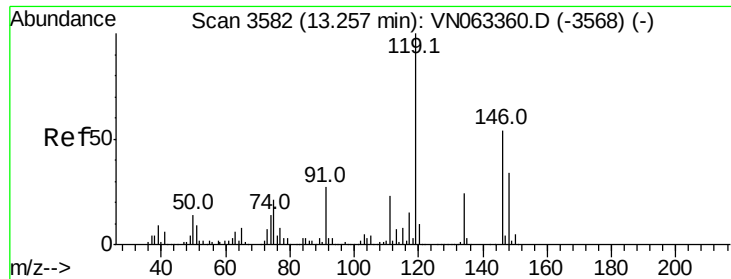
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 17.451 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS02

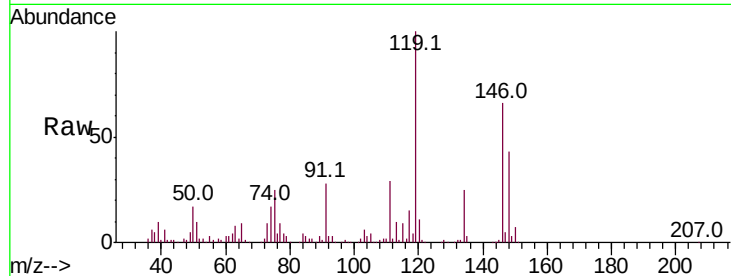
Tot Ion:146 Resp: 108393

Ion Ratio Lower Upper

146 100

111 44.5 21.4 64.3

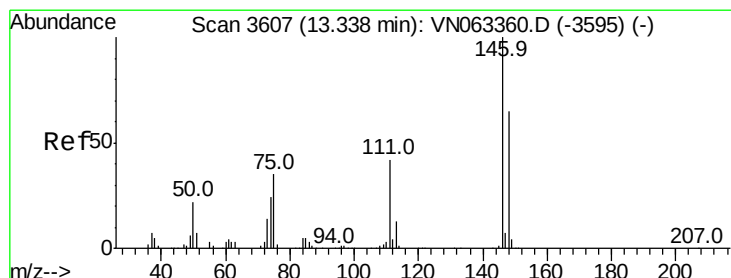
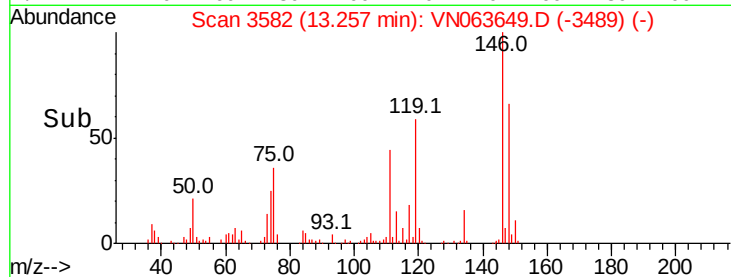
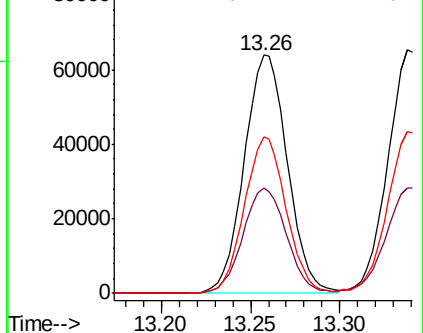
148 63.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 16.853 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

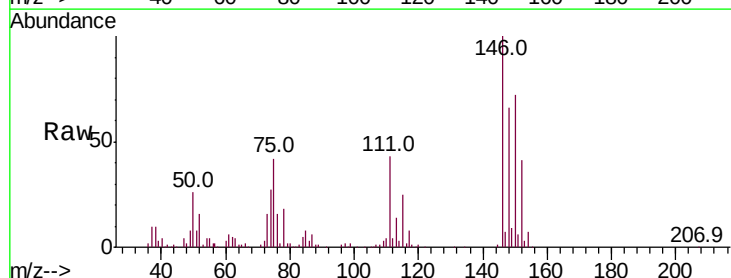
Tgt Ion:146 Resp: 106423

Ion Ratio Lower Upper

146 100

111 46.2 21.2 63.6

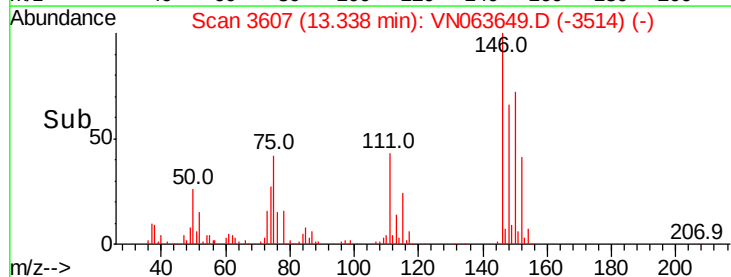
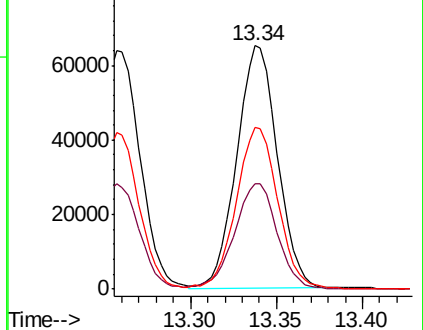
148 68.1 31.9 95.9

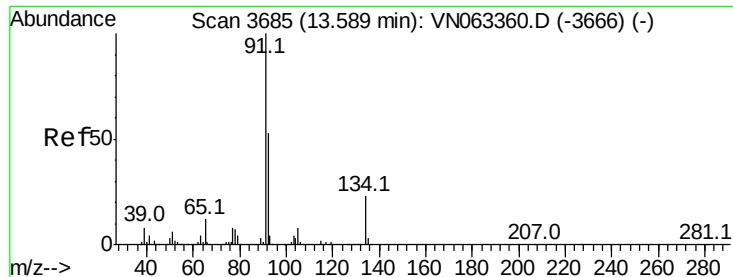


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 15.335 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

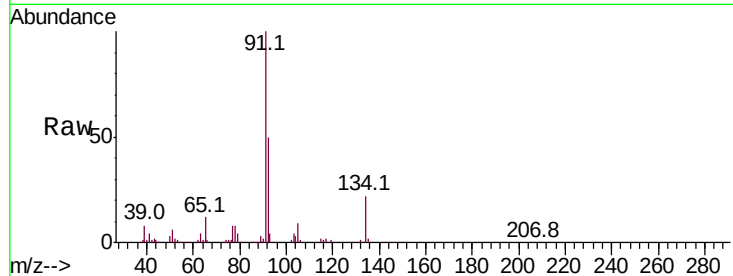
Tot Ion: 91 Resp: 171107

Ion Ratio Lower Upper

91 100

92 50.0 26.0 78.0

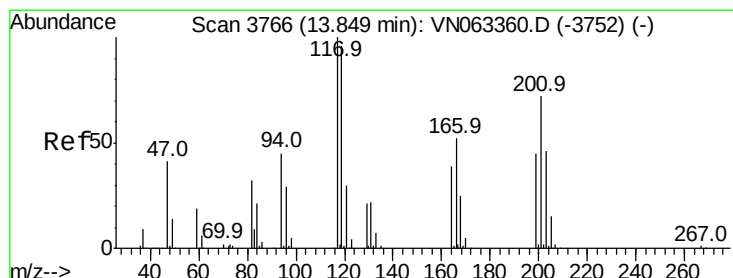
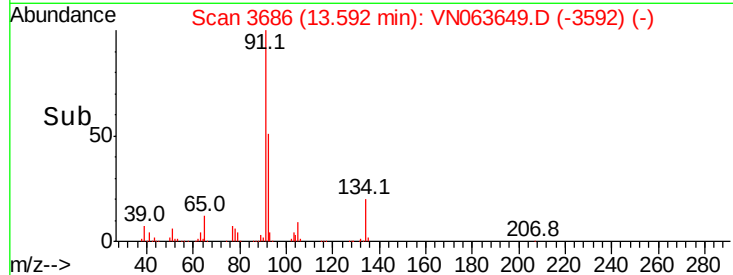
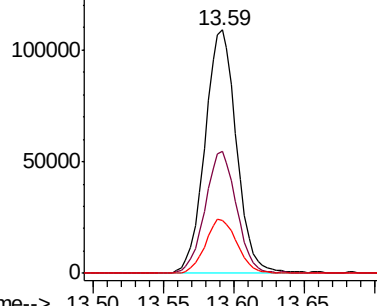
134 22.4 11.7 35.0



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: 15.635 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063649.D

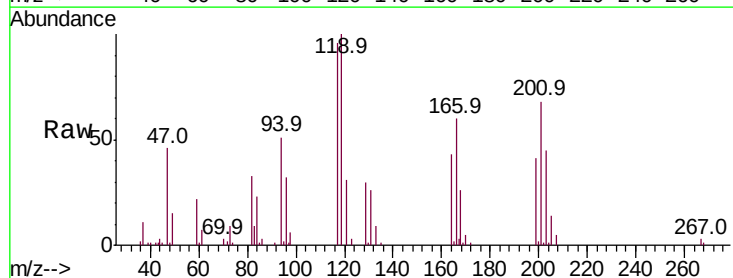
Acq: 25 Sep 2020 00:38

Tgt Ion: 117 Resp: 36038

Ion Ratio Lower Upper

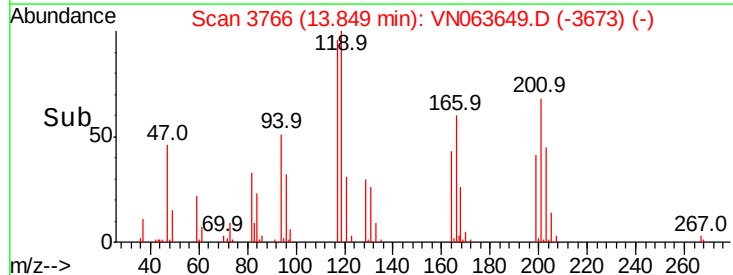
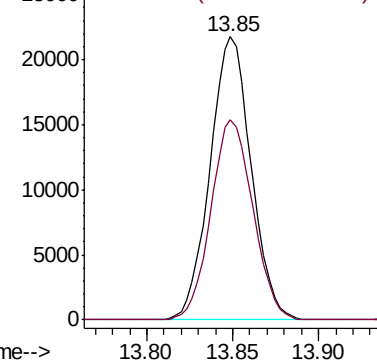
117 100

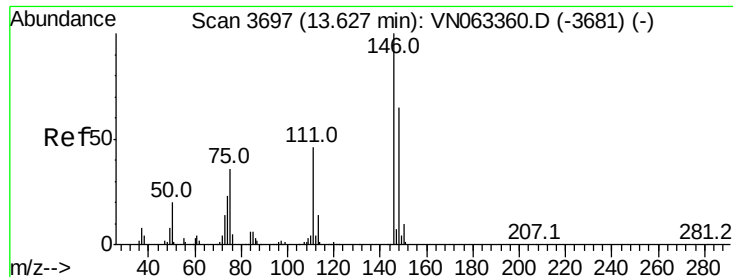
201 72.2 35.5 106.7



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

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

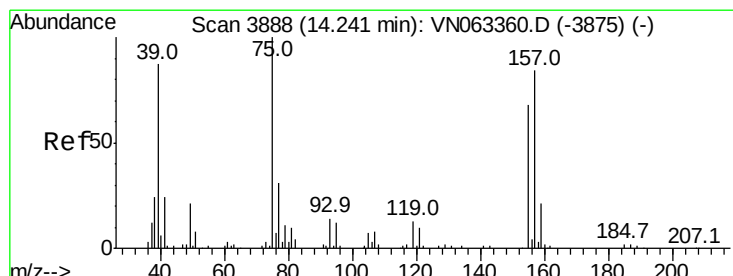
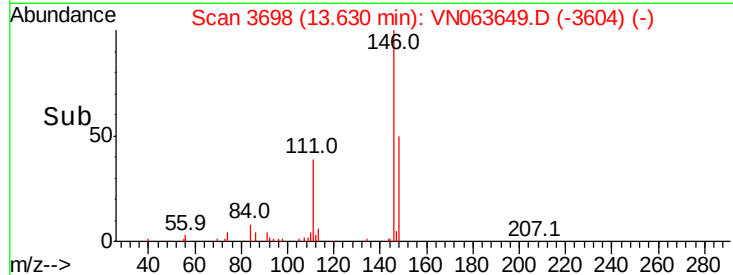
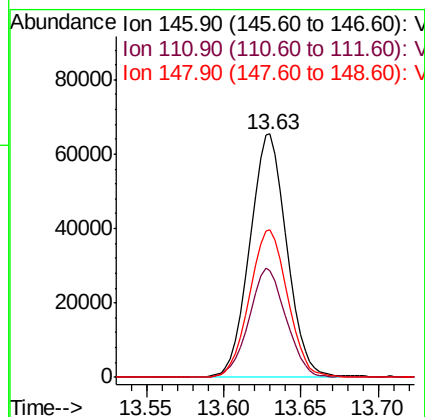
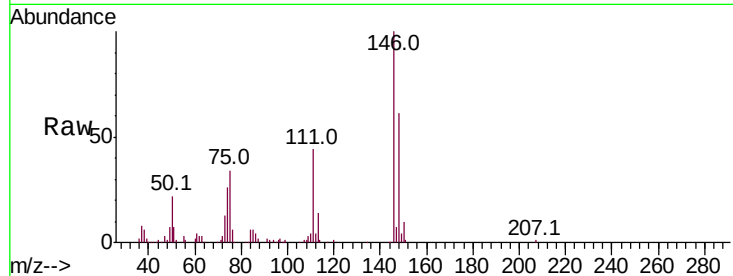




#91
 1,2-Dichlorobenzene
 Concen: 17.884 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

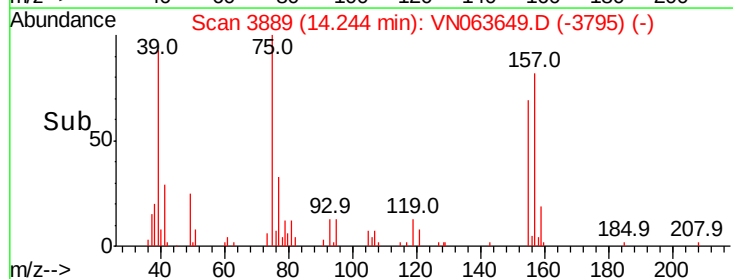
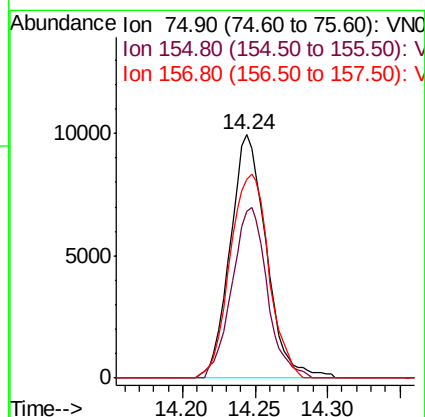
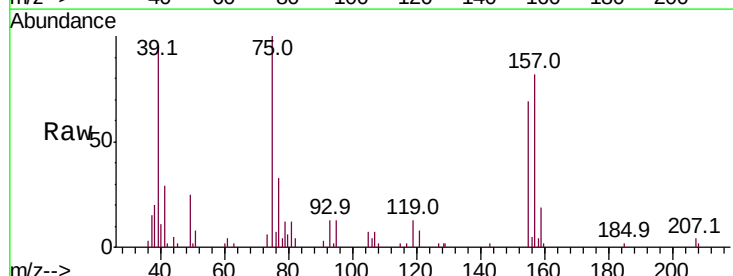
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

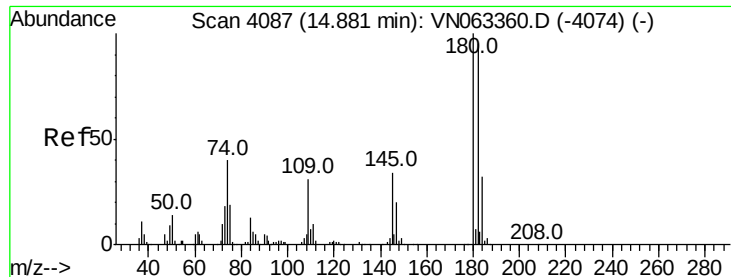
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.4	67.2
148	62.6	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.700 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.2	34.6	103.9
157	89.7	43.7	131.1

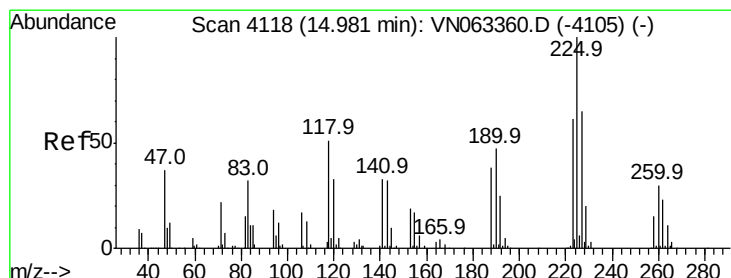
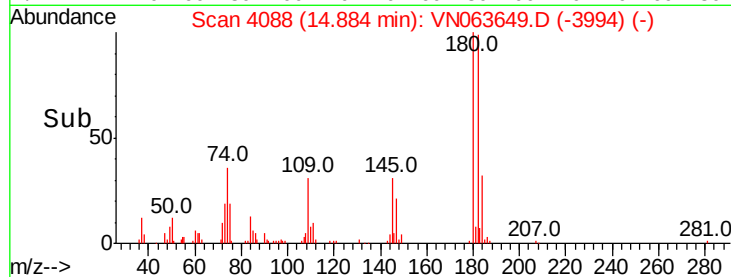
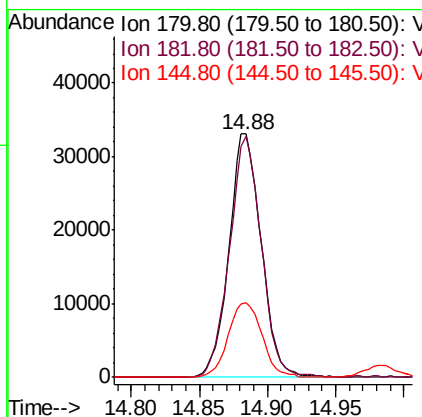
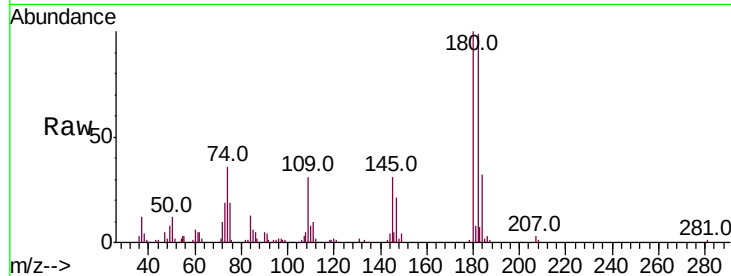




#93
 1,2,4-Trichlorobenzene
 Concen: 15.129 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

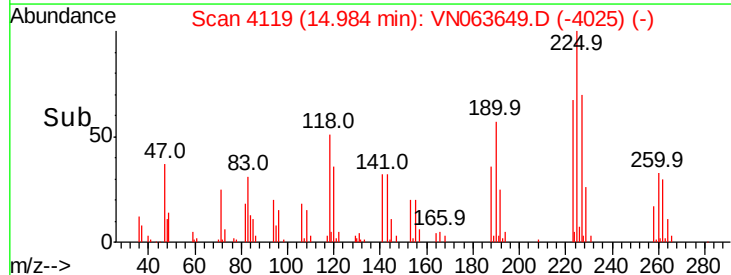
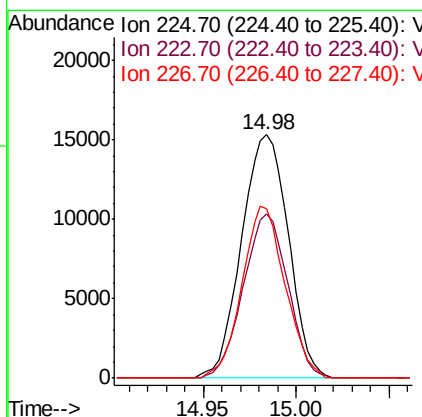
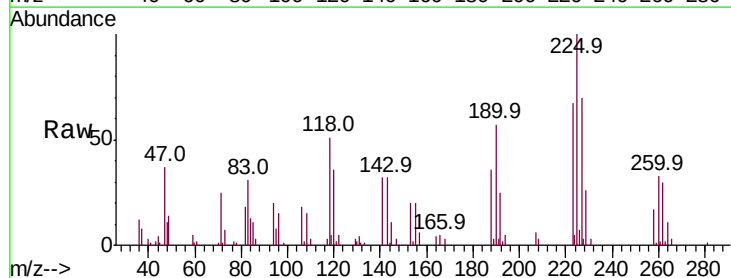
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

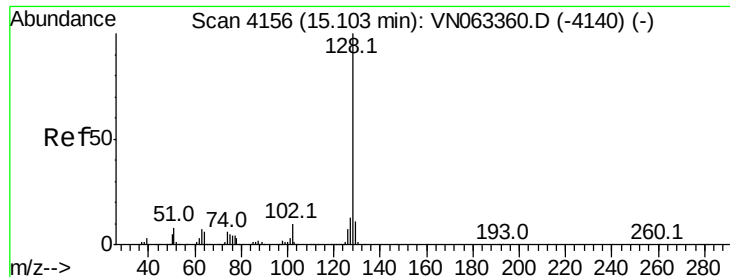
Tot Ion:180 Resp: 54389
 Ion Ratio Lower Upper
 180 100
 182 97.7 47.3 142.0
 145 32.0 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 18.072 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion:225 Resp: 26897
 Ion Ratio Lower Upper
 225 100
 223 64.0 30.6 91.6
 227 65.1 31.2 93.6





#95

Naphthalene

Concen: 14.716 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS02

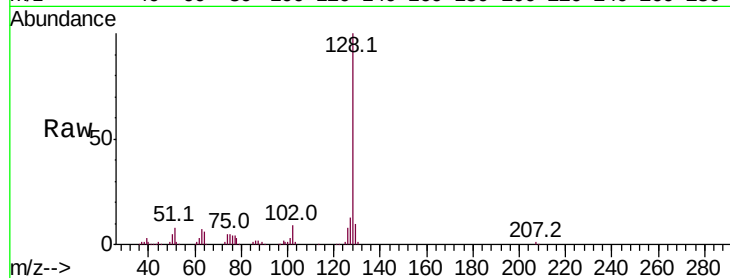
Tot Ion:128 Resp: 174789

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

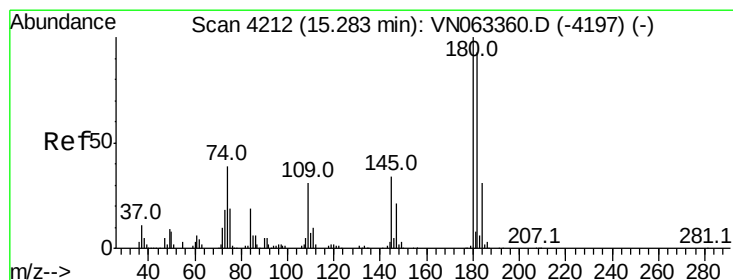
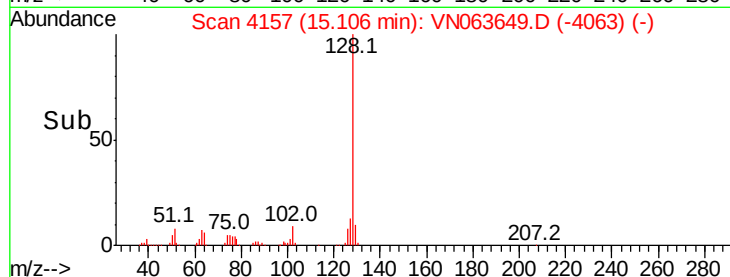
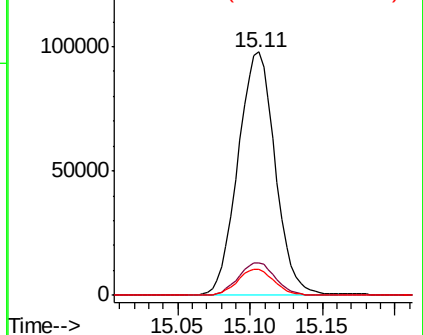
129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 15.348 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

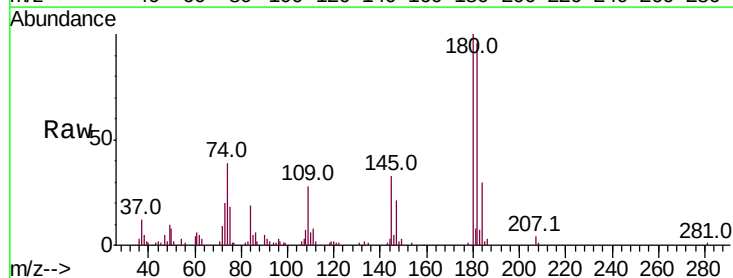
Tgt Ion:180 Resp: 53314

Ion Ratio Lower Upper

180 100

182 100.7 46.7 140.1

145 34.1 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

