

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063604.D
 Acq On : 23 Sep 2020 21:18
 Operator : JC/MD
 Sample : L4082-16MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Quant Time: Sep 24 02:38:27 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	223460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	368203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196744	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.55	113	136705	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	10.06	98	508174	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.38	95	197491	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	115348	45.563	ug/l	99
3) Chloromethane	2.04	50	151108	45.120	ug/l	98
4) Vinyl Chloride	2.16	62	145762	49.125	ug/l	98
5) Bromomethane	2.52	94	90217	51.209	ug/l	97
6) Chloroethane	2.67	64	93655	51.420	ug/l	99
7) Trichlorofluoromethane	2.98	101	236590	53.443	ug/l	99
8) Diethyl Ether	3.37	74	85414	49.493	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	128026	51.423	ug/l	98
10) Methyl Iodide	3.91	142	161958	49.966	ug/l	99
11) Tert butyl alcohol	4.73	59	128383	243.624	ug/l	98
12) 1,1-Dichloroethene	3.70	96	122077	48.410	ug/l	97
13) Acrolein	3.57	56	68118	348.807	ug/l	100
14) Allyl chloride	4.28	41	233232	46.758	ug/l	97
15) Acrylonitrile	4.93	53	347541	259.273	ug/l	100
16) Acetone	3.78	43	319109	261.029	ug/l	99
17) Carbon Disulfide	4.01	76	325127	44.325	ug/l	99
18) Methyl Acetate	4.28	43	154708	49.850	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	469850	49.992	ug/l	98
20) Methylene Chloride	4.51	84	152866	49.354	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	135695	48.569	ug/l	97
22) Diisopropyl ether	5.90	45	500927	49.241	ug/l	99
23) Vinyl Acetate	5.85	43	1908643	228.450	ug/l	98
24) 1,1-Dichloroethane	5.80	63	277700	50.000	ug/l	99
25) 2-Butanone	6.78	43	491093	261.194	ug/l	99
26) 2,2-Dichloropropane	6.78	77	197176	40.323	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	171386	54.197	ug/l	99
28) Bromochloromethane	7.15	49	134835	52.579	ug/l	100
29) Tetrahydrofuran	7.17	42	322607	251.227	ug/l	99
30) Chloroform	7.33	83	298112	53.500	ug/l	97
31) Cyclohexane	7.61	56	217359	41.374	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	254352	51.321	ug/l	99
36) 1,1-Dichloropropene	7.76	75	198981	48.371	ug/l	98
37) Ethyl Acetate	6.88	43	190997	47.307	ug/l	99
38) Carbon Tetrachloride	7.74	117	214717	51.132	ug/l	99

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

39) Methylcyclohexane	9.05	83	193785	43.404	ug/l	100
40) Benzene	8.00	78	590920	50.321	ug/l	98
41) Methacrylonitrile	7.16	41	310269	170.866	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	250784	53.105	ug/l	98
43) Isopropyl Acetate	8.13	43	335679	46.498	ug/l	99
44) Trichloroethene	8.80	130	805380	282.767	ug/l	99
45) 1,2-Dichloropropane	9.09	63	165966	51.892	ug/l	98
46) Dibromomethane	9.18	93	112036	53.297	ug/l	99
47) Bromodichloromethane	9.37	83	231954	53.115	ug/l	100
48) Methyl methacrylate	9.17	41	179484	50.603	ug/l	98
49) 1,4-Dioxane	9.17	88	54938	1079.339	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1087594	269.101	ug/l	99
52) Toluene	10.13	92	375096	53.128	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	240202	49.269	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	246009	47.839	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	152419	54.350	ug/l	97
56) Ethyl methacrylate	10.40	69	225821	51.581	ug/l	97
57) 1,3-Dichloropropane	10.68	76	259433	51.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	1512	0.658	ug/l #	51
59) 2-Hexanone	10.72	43	796339	271.972	ug/l	99
60) Dibromochloromethane	10.87	129	167679	52.926	ug/l	100
61) 1,2-Dibromoethane	10.98	107	157750	54.144	ug/l	99
64) Tetrachloroethene	10.60	164	173593	69.238	ug/l	97
65) Chlorobenzene	11.41	112	385833	49.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	152219	53.130	ug/l	99
67) Ethyl Benzene	11.49	91	728402	49.488	ug/l	100
68) m/p-Xylenes	11.59	106	537404	101.265	ug/l	98
69) o-Xylene	11.92	106	255117	50.464	ug/l	99
70) Styrene	11.94	104	440482	51.957	ug/l	98
71) Bromoform	12.10	173	112325	52.627	ug/l #	100
73) Isopropylbenzene	12.23	105	689145	47.982	ug/l	100
74) N-amyl acetate	12.04	43	291340	42.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	221931	49.905	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	298895	67.376	ug/l #	100
77) Bromobenzene	12.50	156	166164	51.432	ug/l	97
78) n-propylbenzene	12.57	91	810180	48.432	ug/l	100
79) 2-Chlorotoluene	12.65	91	491777	49.041	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	591155	49.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	72167	44.600	ug/l	96
82) 4-Chlorotoluene	12.75	91	518440	48.932	ug/l	100
83) tert-Butylbenzene	12.97	119	475098	48.064	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	589260	48.710	ug/l	98
85) sec-Butylbenzene	13.15	105	628738	47.519	ug/l	99
86) p-Isopropyltoluene	13.26	119	557410	47.763	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	295160	49.291	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	298634	49.052	ug/l	99
89) n-Butylbenzene	13.59	91	483785	44.974	ug/l	99
90) Hexachloroethane	13.85	117	100627	45.283	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	296008	50.350	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50918	48.083	ug/l	99

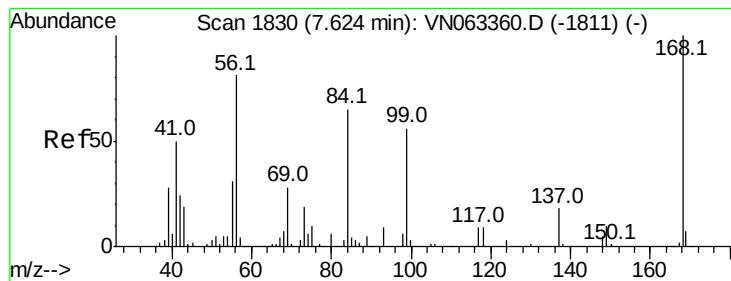
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	154595	44.605	ug/l	99
94) Hexachlorobutadiene	14.98	225	72087	50.241	ug/l	99
95) Naphthalene	15.10	128	508801	44.435	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	151570	45.261	ug/l	97

(#) = 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: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

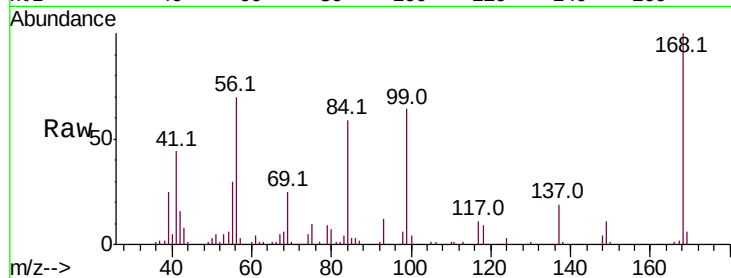
RE131D1-20200916MS

Tot Ion:168 Resp: 223460

Ion Ratio Lower Upper

168 100

99 63.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

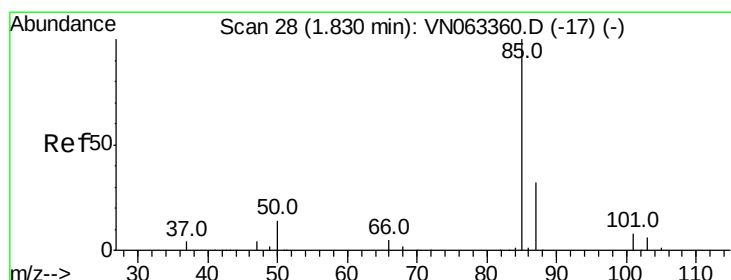
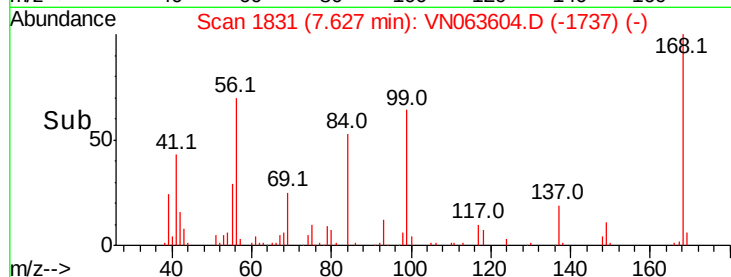
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.563 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063604.D

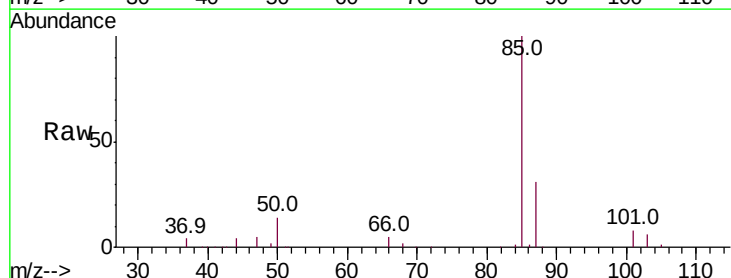
Acq: 23 Sep 2020 21:18

Tgt Ion: 85 Resp: 115348

Ion Ratio Lower Upper

85 100

87 30.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

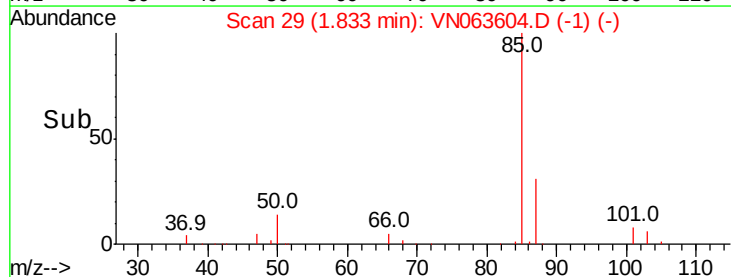
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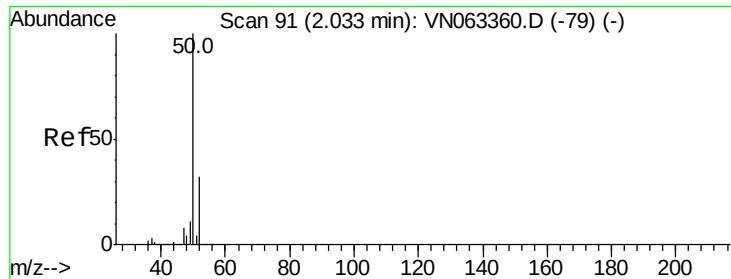
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 45.120 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

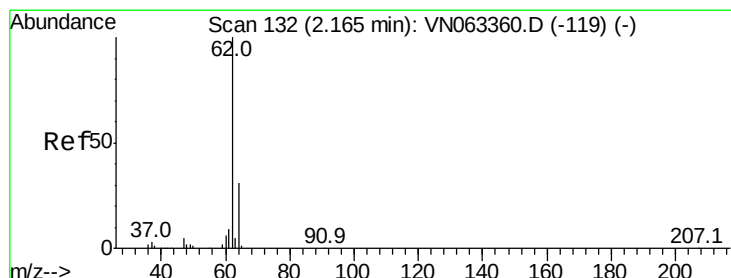
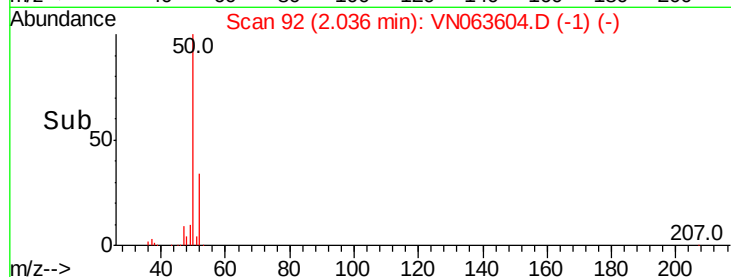
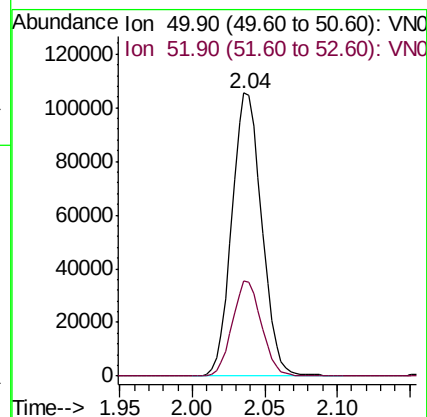
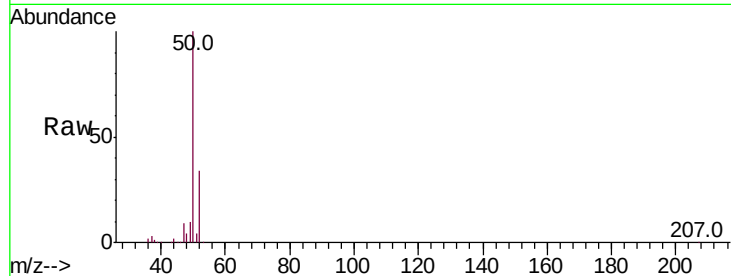
RE131D1-20200916MS

Tot Ion: 50 Resp: 151108

Ion Ratio Lower Upper

50 100

52 33.6 25.9 38.9



#4

Vinyl Chloride

Concen: 49.125 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063604.D

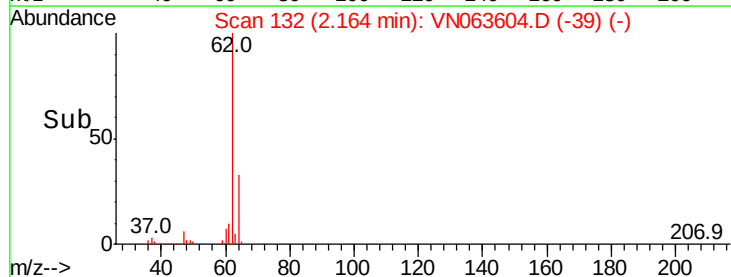
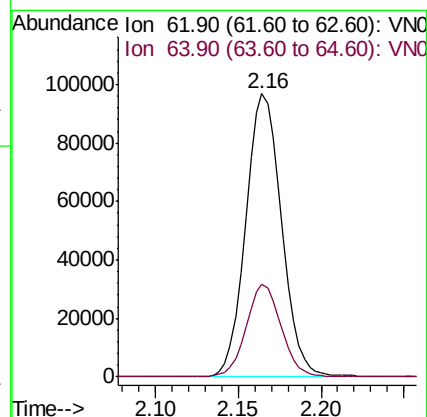
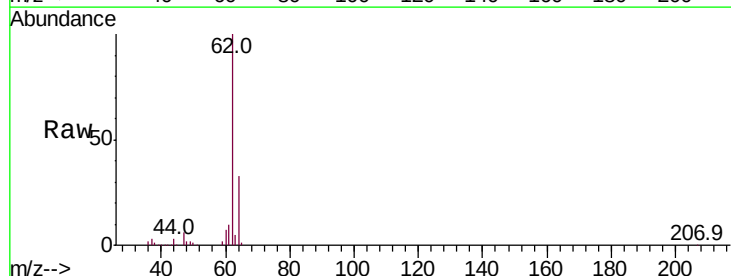
Acq: 23 Sep 2020 21:18

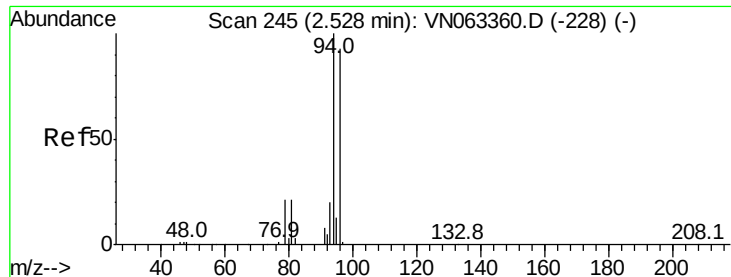
Tgt Ion: 62 Resp: 145762

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 51.209 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

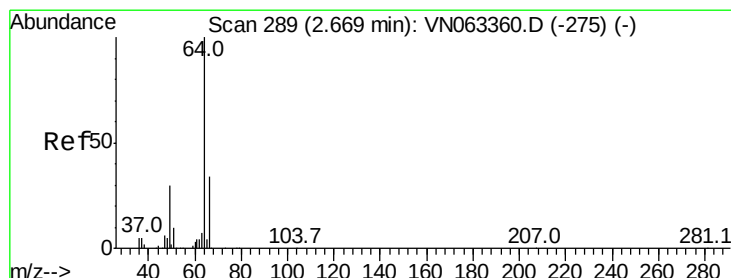
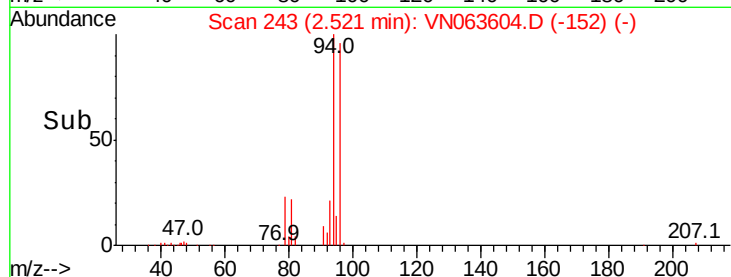
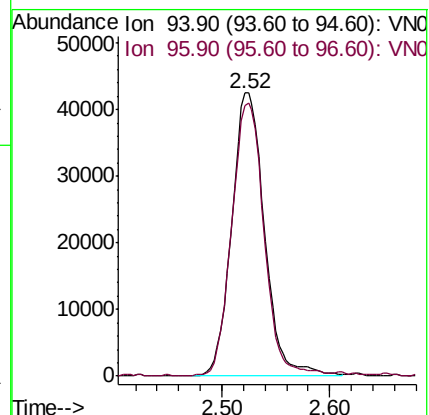
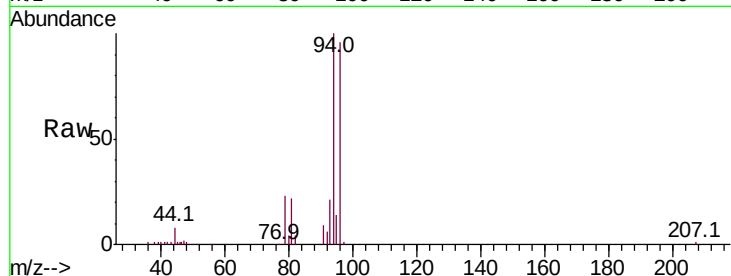
RE131D1-20200916MS

Tot Ion: 94 Resp: 90217

Ion Ratio Lower Upper

94 100

96 95.7 74.5 111.7



#6

Chloroethane

Concen: 51.420 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063604.D

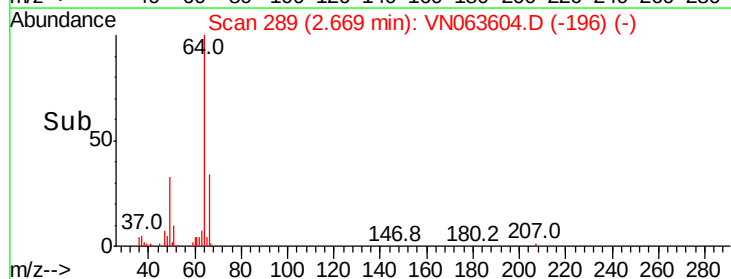
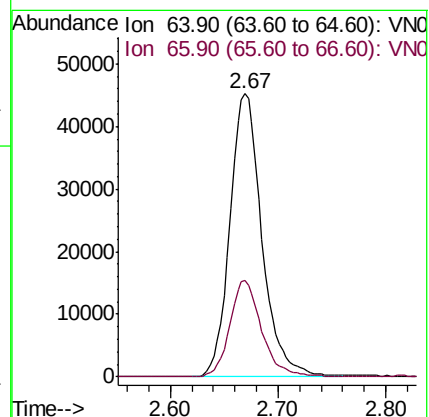
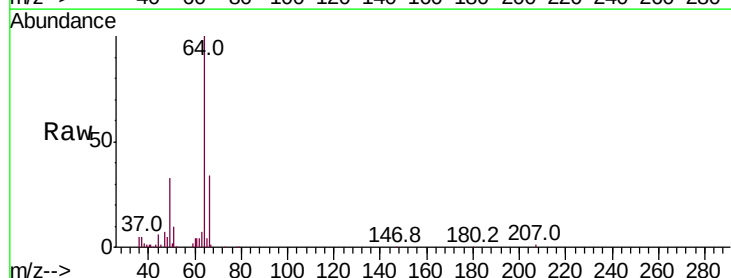
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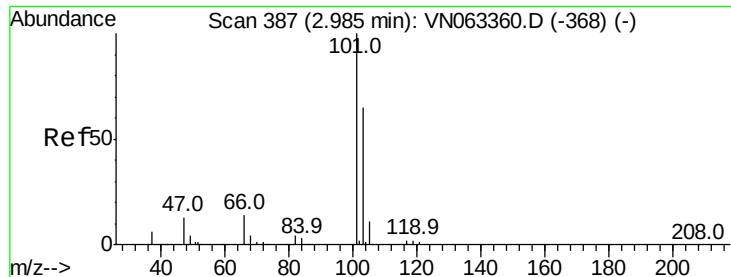
Tgt Ion: 64 Resp: 93655

Ion Ratio Lower Upper

64 100

66 33.9 26.9 40.3



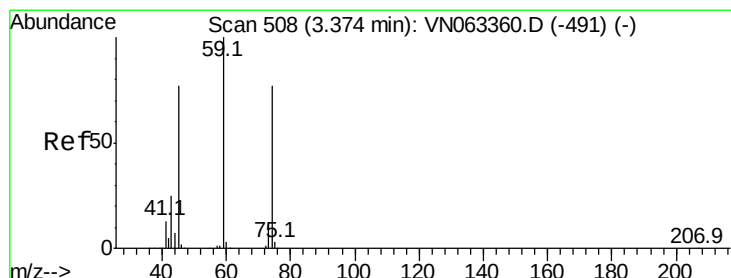
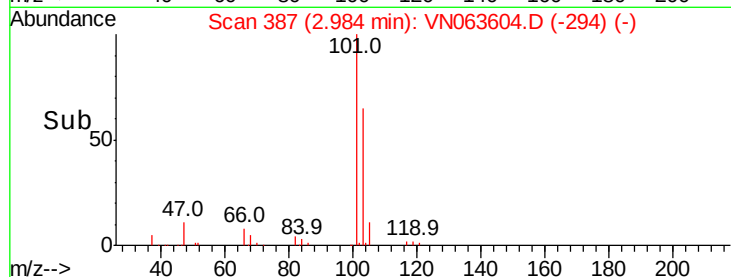
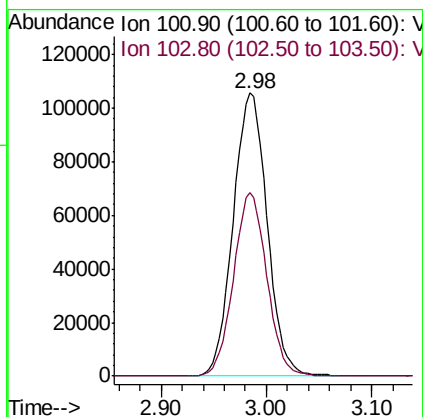
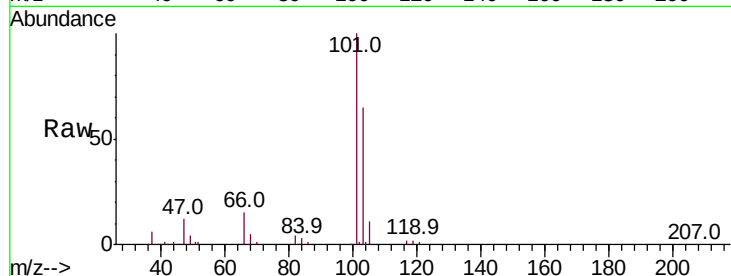


#7

Trichlorofluoromethane
 Concen: 53.443 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063604.D
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Instrument :
 MSVOA_N
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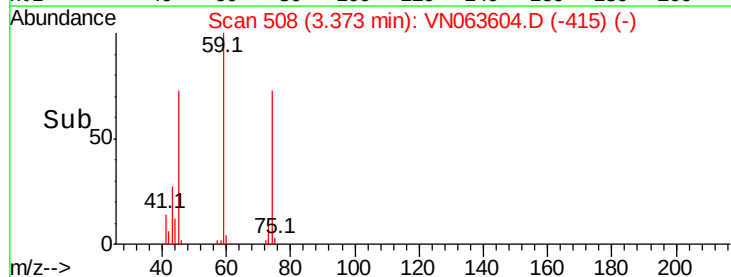
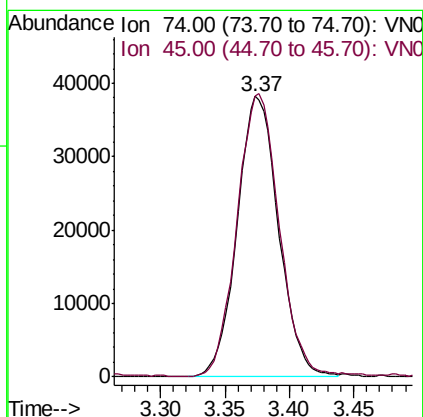
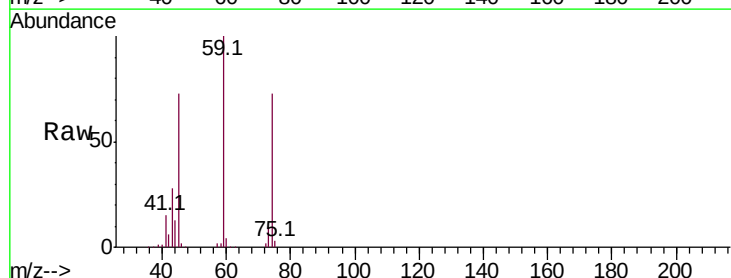
Tot Ion:101 Resp: 236590
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.3 78.5

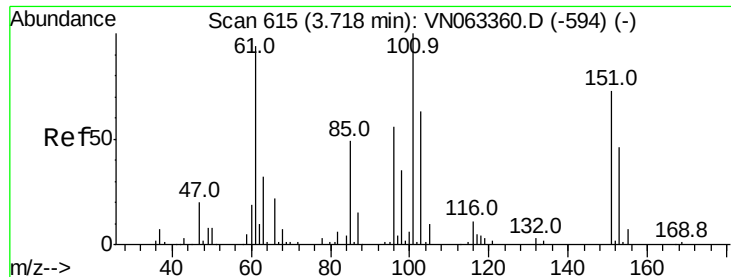


#8

Diethyl Ether
 Concen: 49.493 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion: 74 Resp: 85414
 Ion Ratio Lower Upper
 74 100
 45 103.4 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.423 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

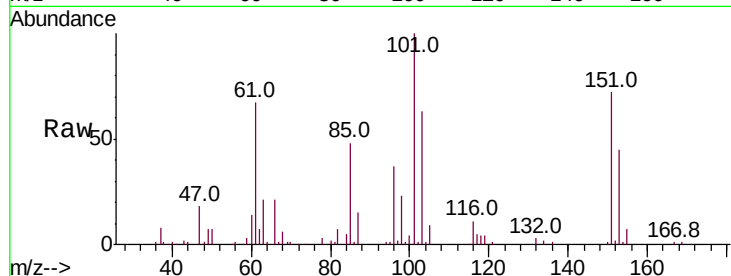
Tot Ion:101 Resp: 128026

Ion Ratio Lower Upper

101 100

85 49.6 37.7 56.5

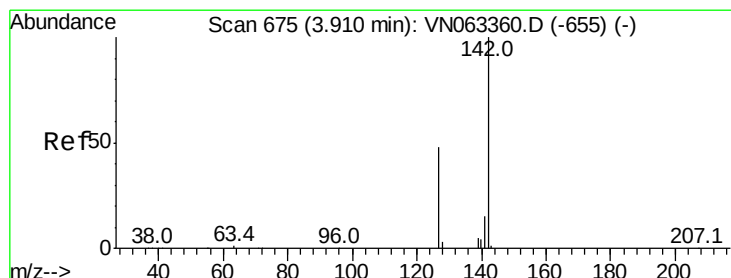
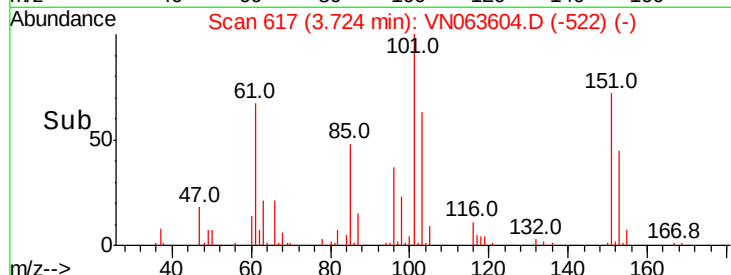
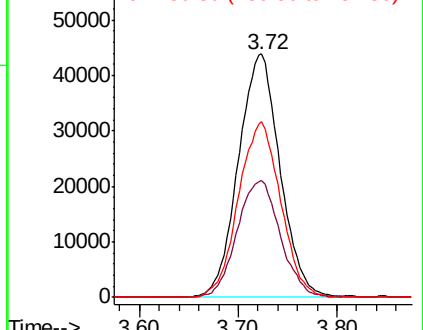
151 73.0 57.7 86.5



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: 49.966 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

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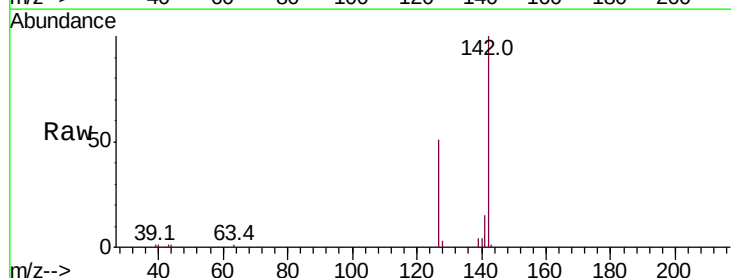
Tgt Ion:142 Resp: 161958

Ion Ratio Lower Upper

142 100

127 50.0 39.0 58.6

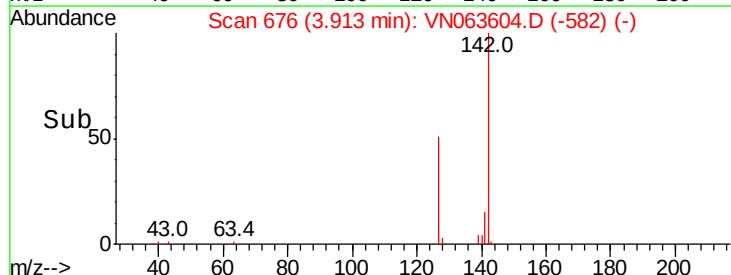
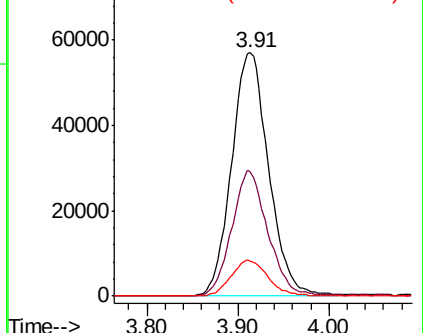
141 14.7 11.6 17.4

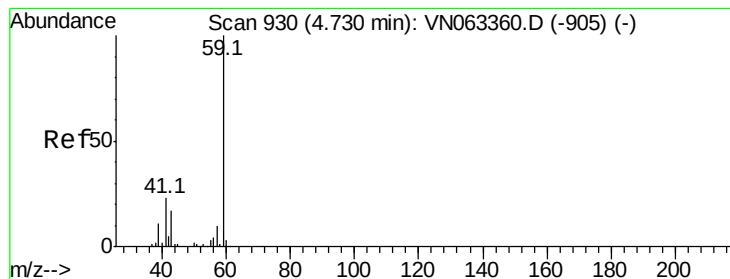


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



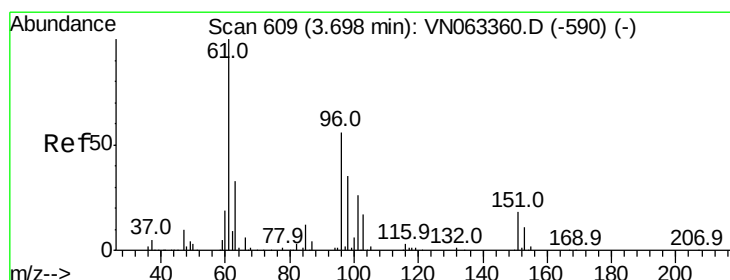
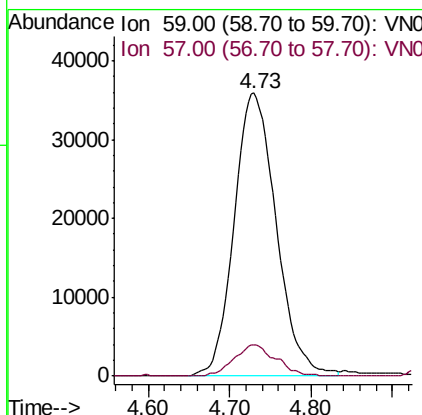
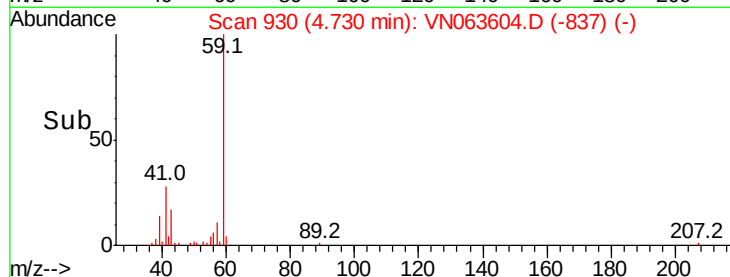
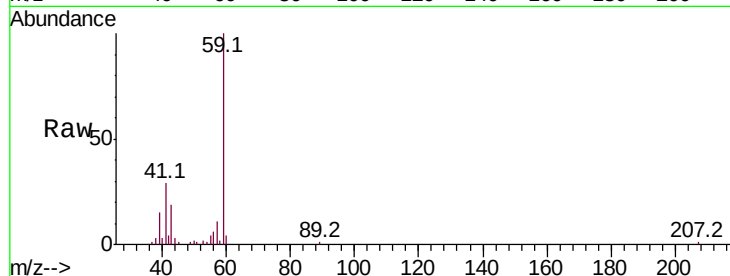


#11

Tert butyl alcohol
Concen: 243.624 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

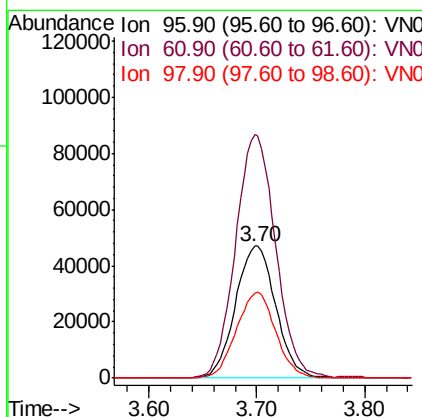
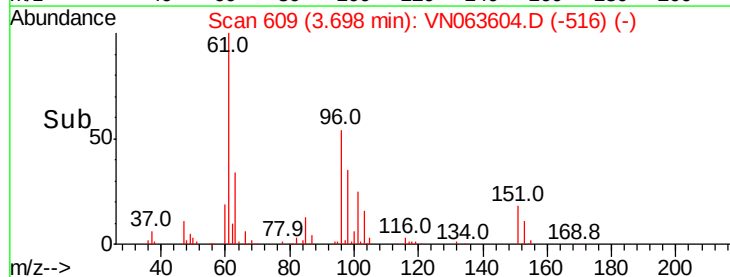
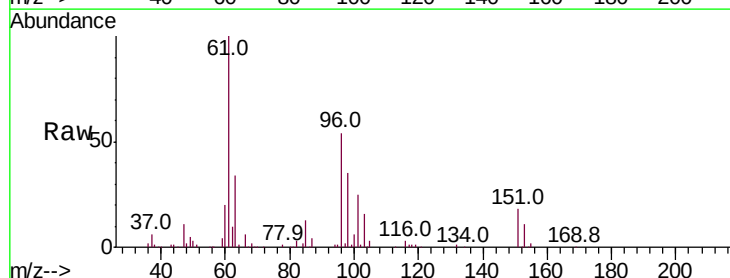
Tot Ion: 59 Resp: 128383
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6

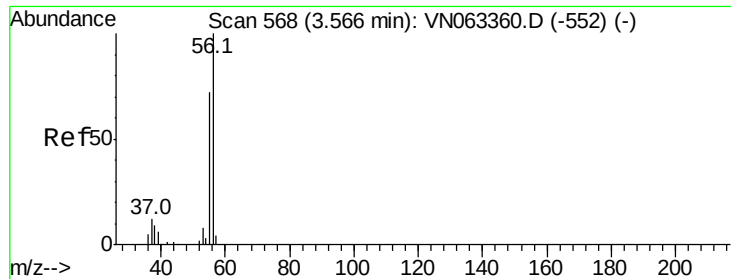


#12

1,1-Dichloroethene
Concen: 48.410 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion: 96 Resp: 122077
Ion Ratio Lower Upper
96 100
61 184.5 143.4 215.2
98 64.5 50.6 76.0





#13

Acrolein

Concen: 348.807 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

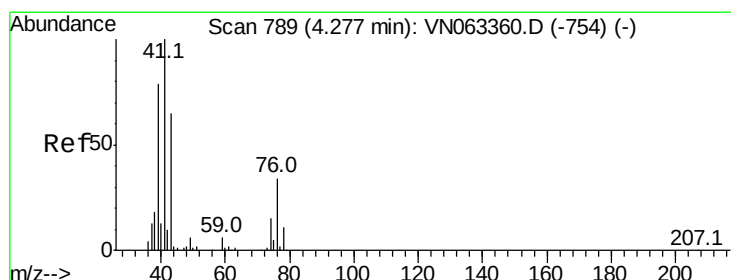
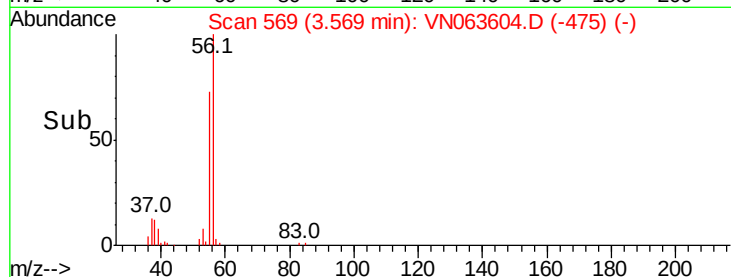
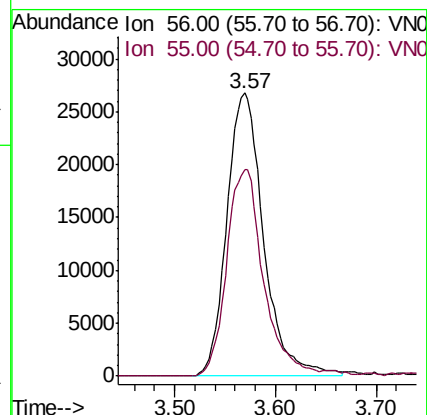
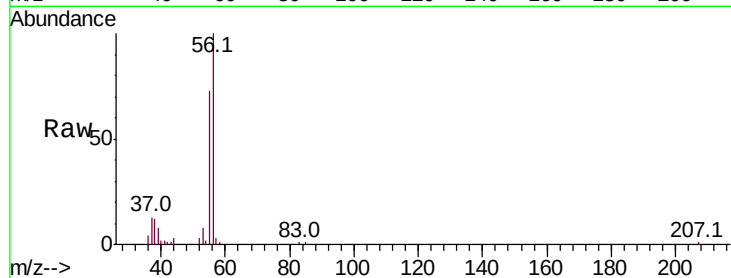
RE131D1-20200916MS

Tot Ion: 56 Resp: 68118

Ion Ratio Lower Upper

56 100

55 72.8 58.2 87.2



#14

Allyl chloride

Concen: 46.758 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

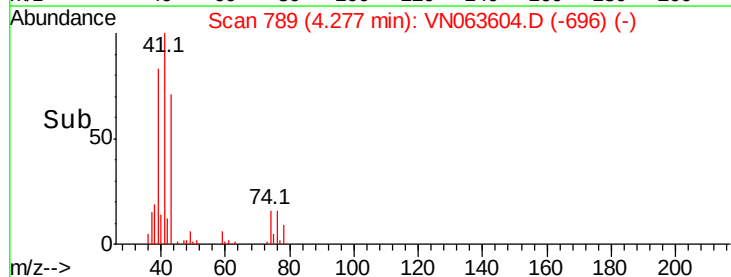
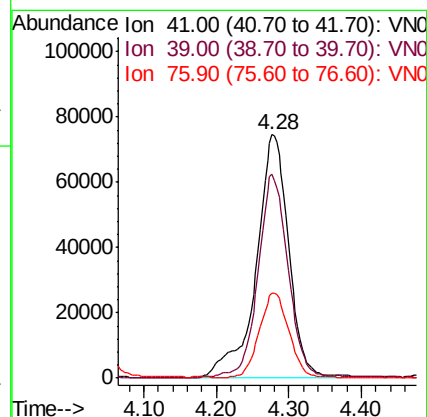
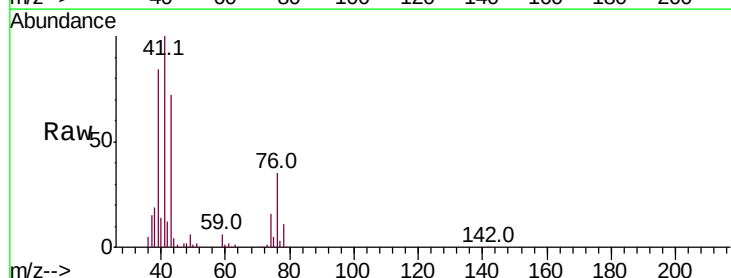
Tgt Ion: 41 Resp: 233232

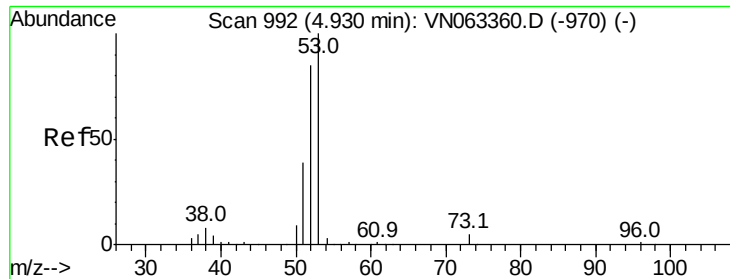
Ion Ratio Lower Upper

41 100

39 77.5 59.3 88.9

76 31.8 25.3 37.9





#15

Acrylonitrile

Concen: 259.273 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

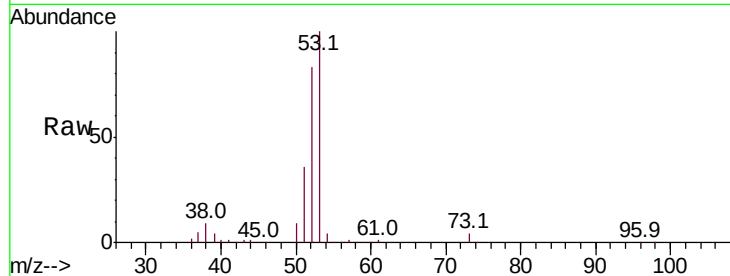
Tot Ion: 53 Resp: 347541

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

51 37.9 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)

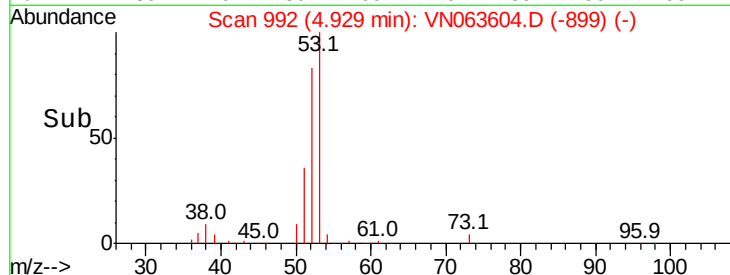
4.93

100000

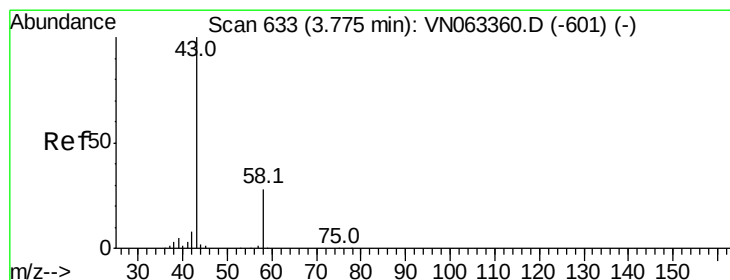
50000

0

Time-->



Time-->



#16

Acetone

Concen: 261.029 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063604.D

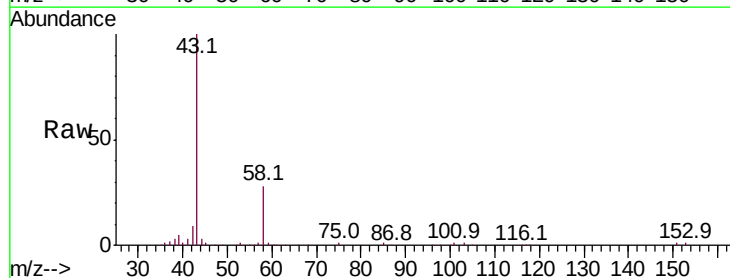
Acq: 23 Sep 2020 21:18

Tgt Ion: 43 Resp: 319109

Ion Ratio Lower Upper

43 100

58 28.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

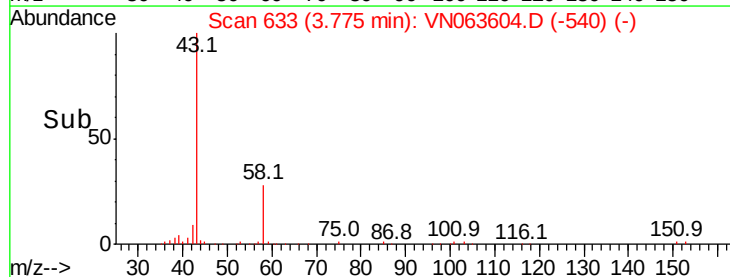
3.78

100000

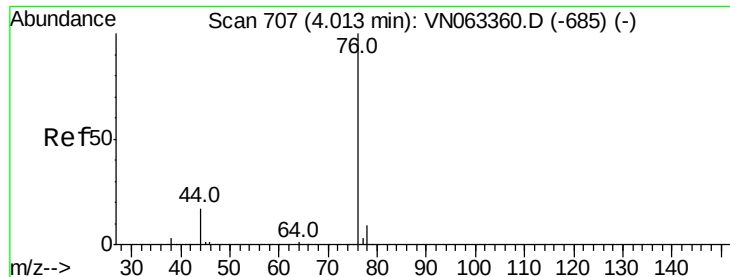
50000

0

Time-->



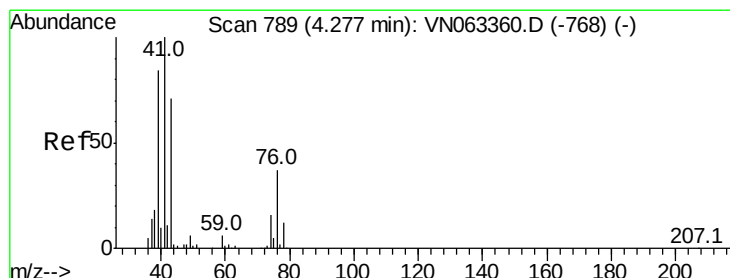
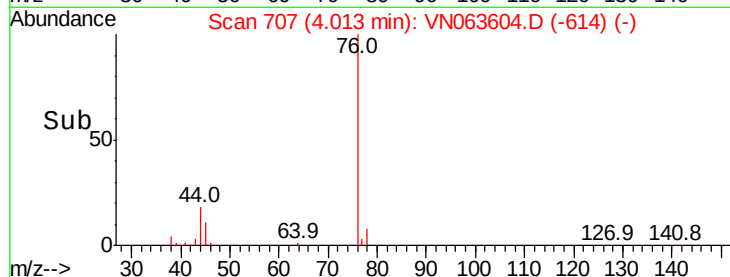
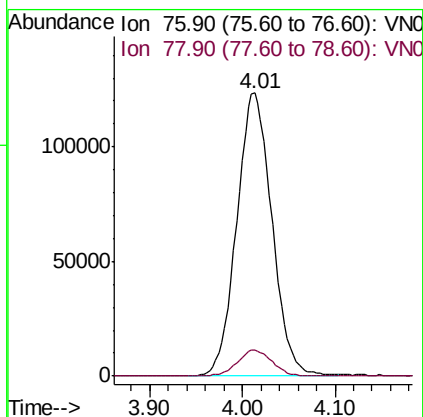
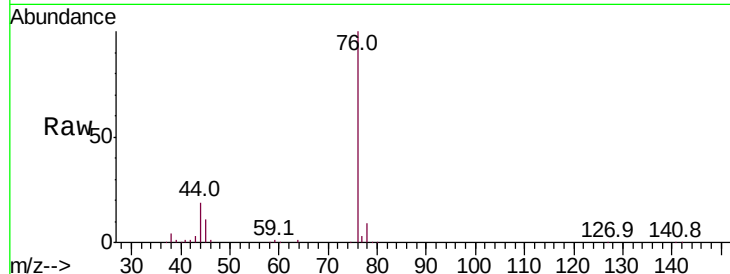
Time-->



#17
Carbon Disulfide
Concen: 44.325 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

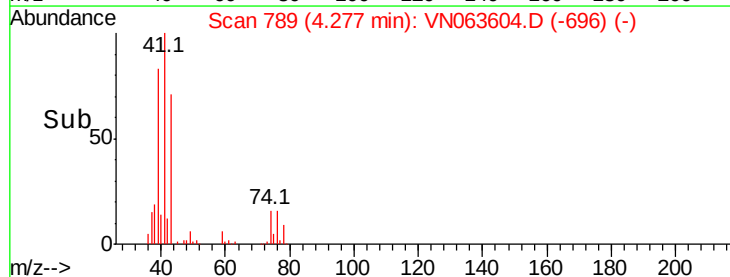
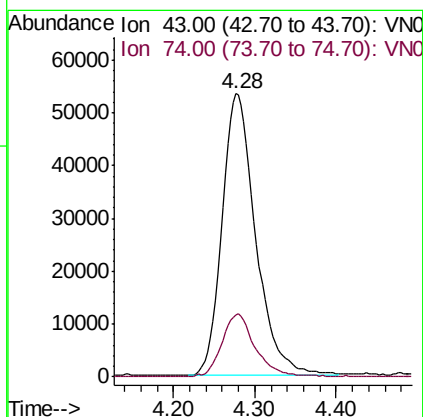
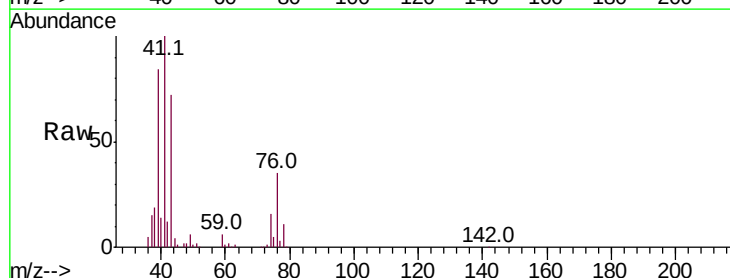
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

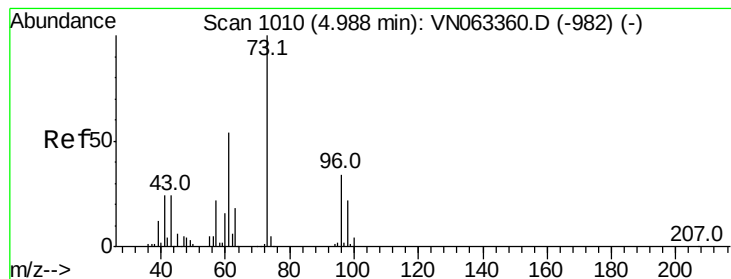
Tot Ion: 76 Resp: 325127
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 49.850 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion: 43 Resp: 154708
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.2





#19

Methvl tert-butvl Ether

Concen: 49.992 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

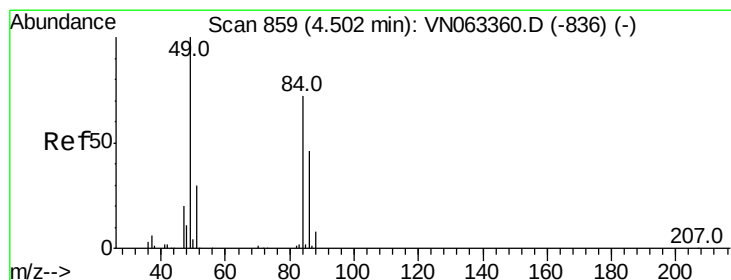
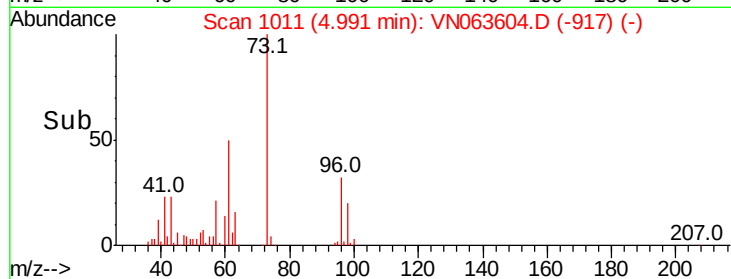
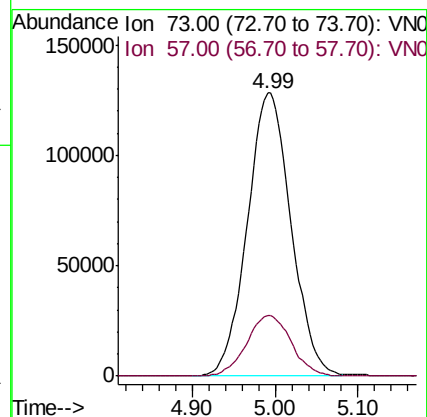
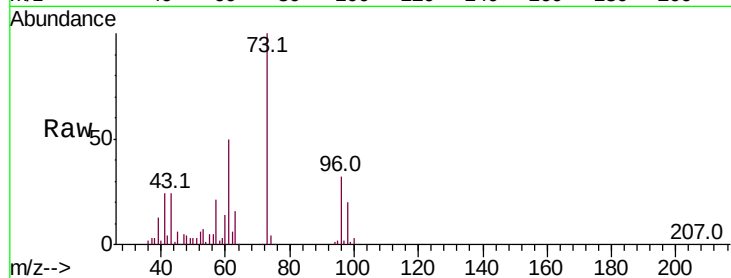
RE131D1-20200916MS

Tot Ion: 73 Resp: 469850

Ion Ratio Lower Upper

73 100

57 21.4 17.9 26.9



#20

Methylene Chloride

Concen: 49.354 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Tgt Ion: 84 Resp: 152866

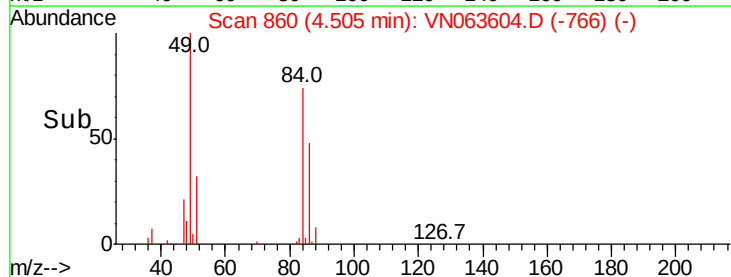
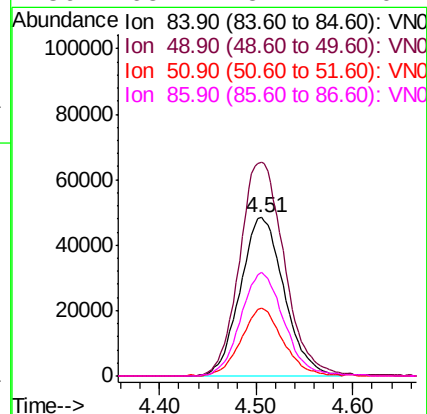
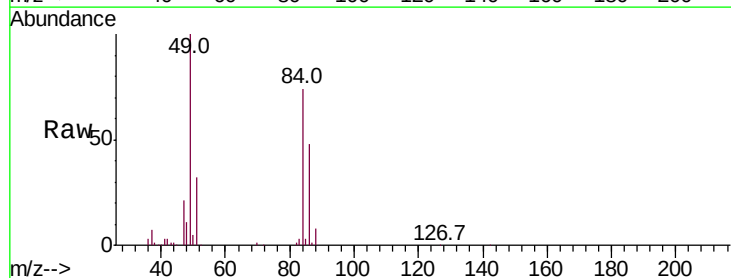
Ion Ratio Lower Upper

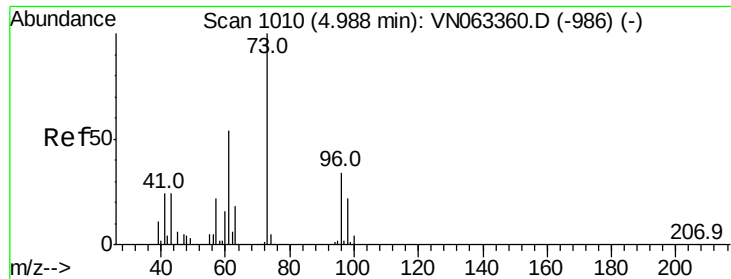
84 100

49 135.0 110.7 166.1

51 42.7 32.9 49.3

86 65.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.569 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

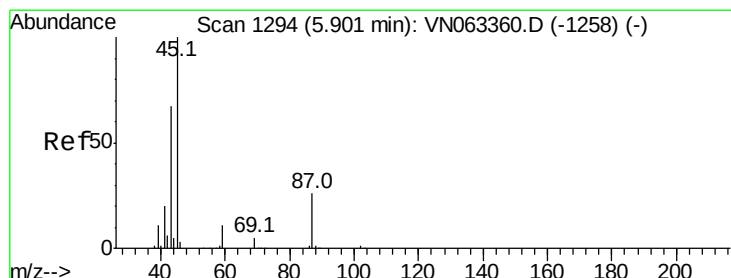
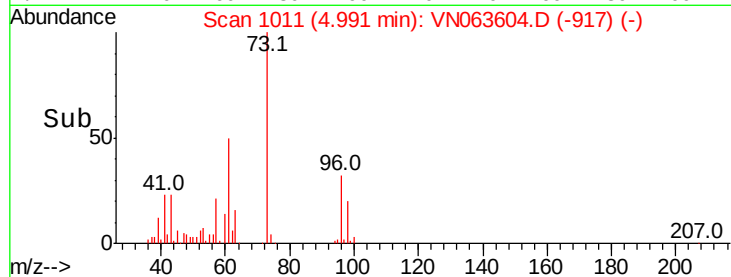
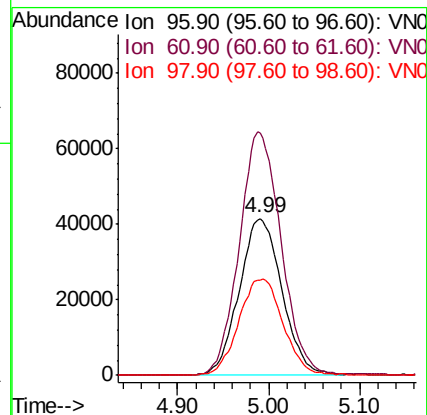
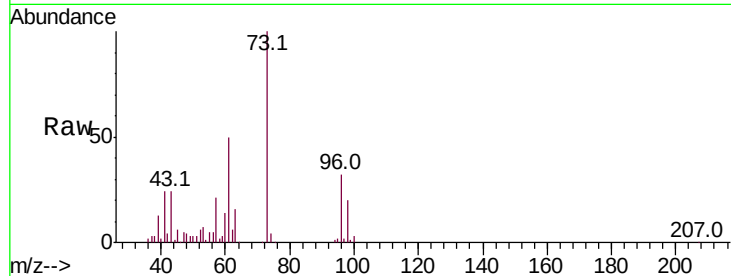
Tot Ion: 96 Resp: 135695

Ion Ratio Lower Upper

96 100

61 154.9 126.2 189.4

98 61.0 51.0 76.4



#22

Diisopropyl ether

Concen: 49.241 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Tgt Ion: 45 Resp: 500927

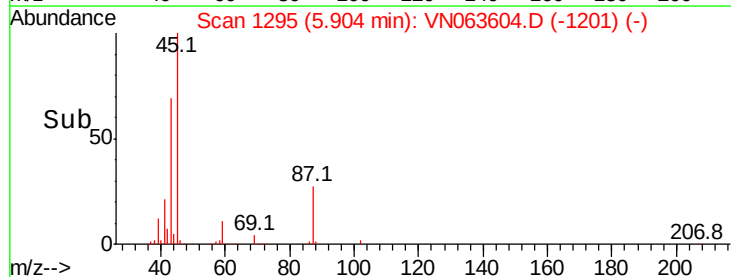
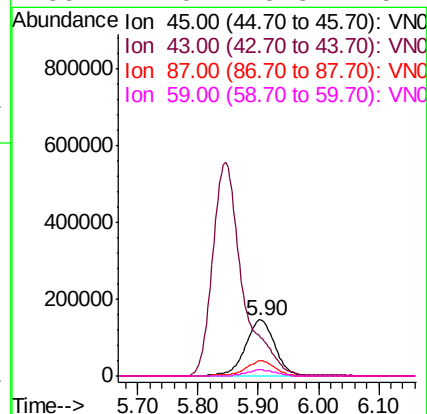
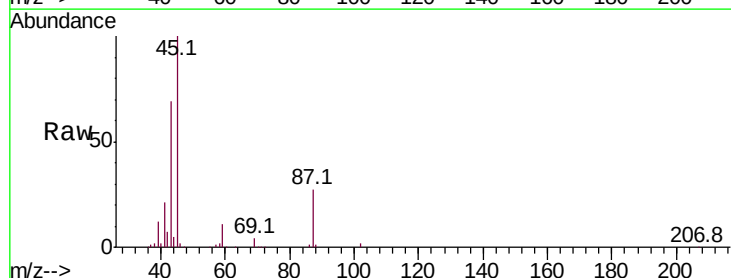
Ion Ratio Lower Upper

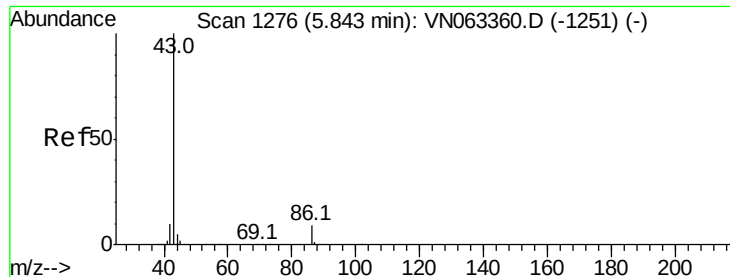
45 100

43 67.5 53.5 80.3

87 27.0 21.2 31.8

59 11.0 8.8 13.2





#23

Vinyl Acetate

Concen: 228.450 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

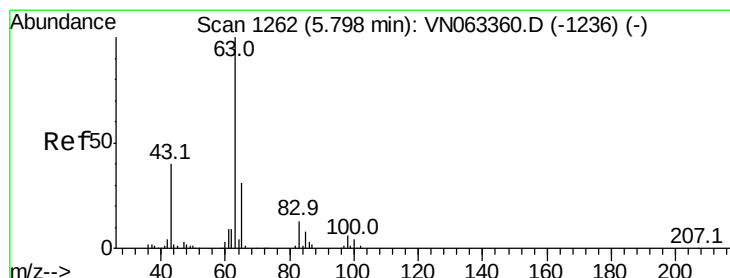
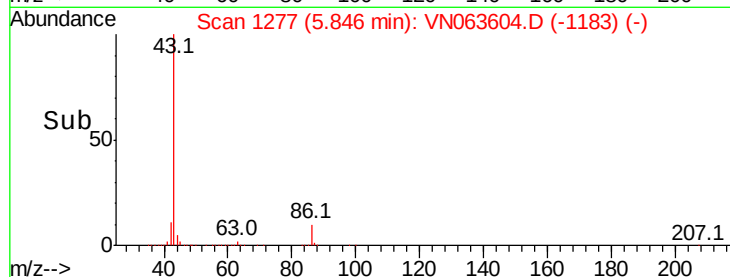
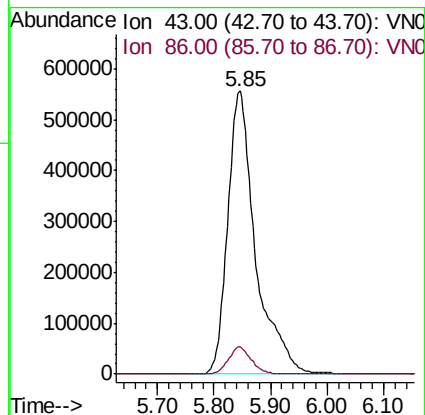
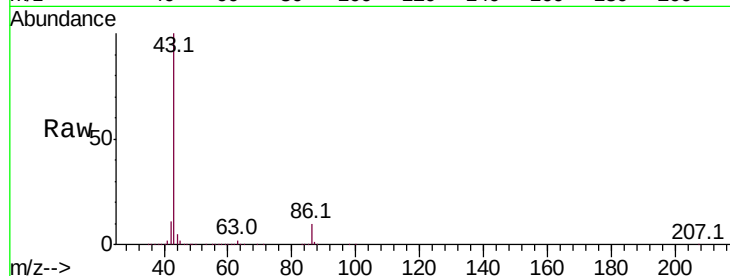
RE131D1-20200916MS

Tot Ion: 43 Resp: 1908643

Ion Ratio Lower Upper

43 100

86 9.5 7.1 10.7



#24

1,1-Dichloroethane

Concen: 50.000 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

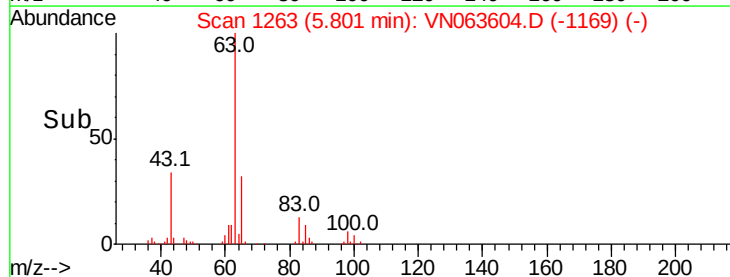
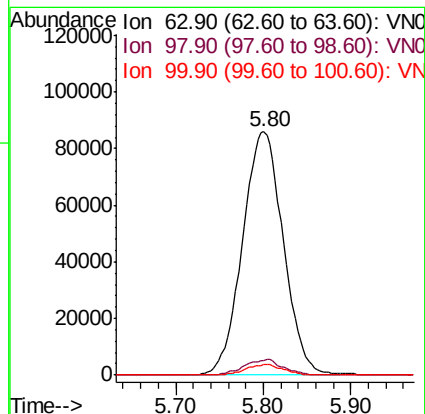
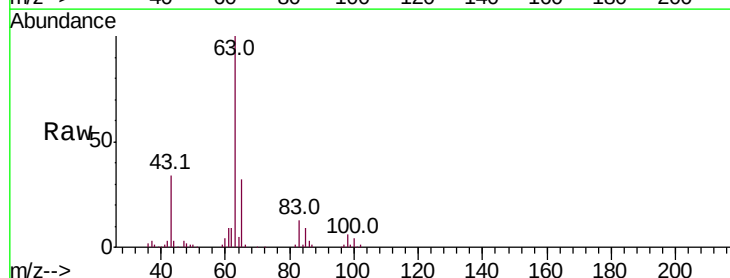
Tgt Ion: 63 Resp: 277700

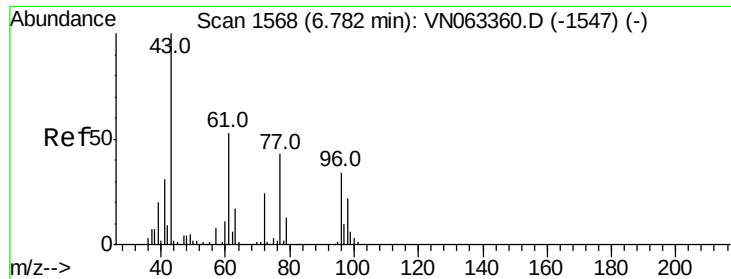
Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 261.194 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

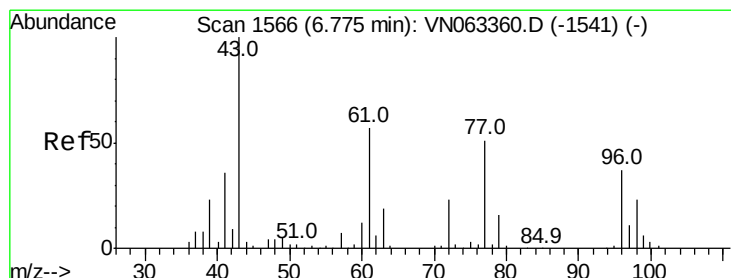
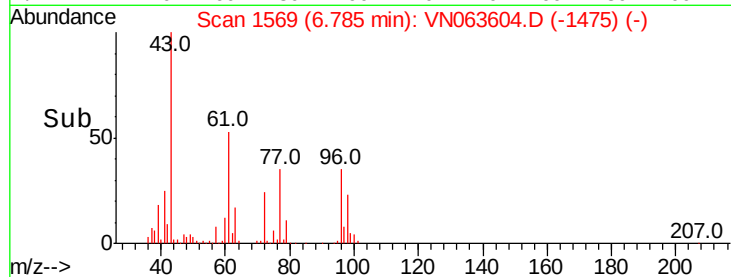
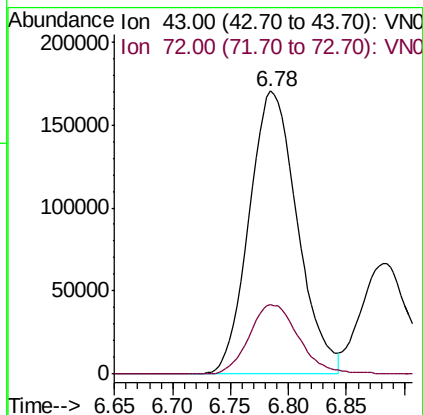
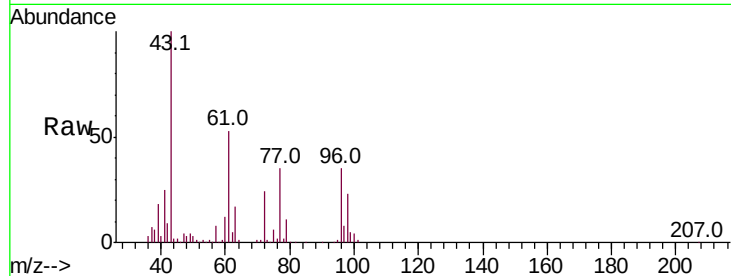
RE131D1-20200916MS

Tot Ion: 43 Resp: 491093

Ion Ratio Lower Upper

43 100

72 24.4 19.2 28.8



#26

2,2-Dichloropropane

Concen: 40.323 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063604.D

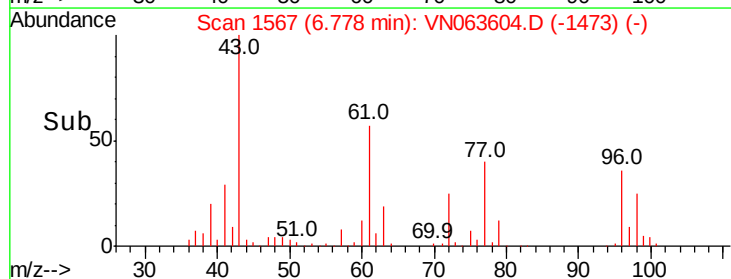
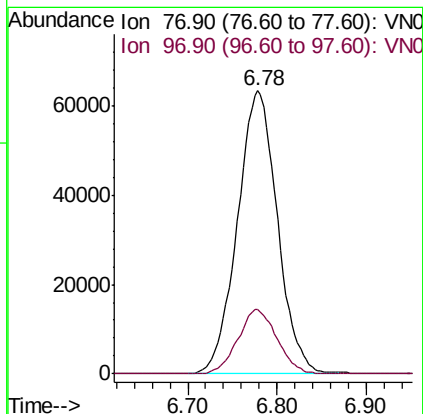
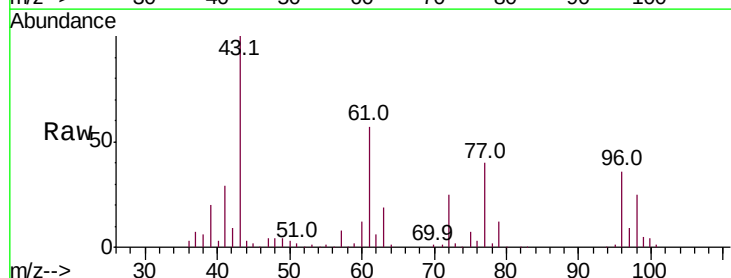
Acq: 23 Sep 2020 21:18

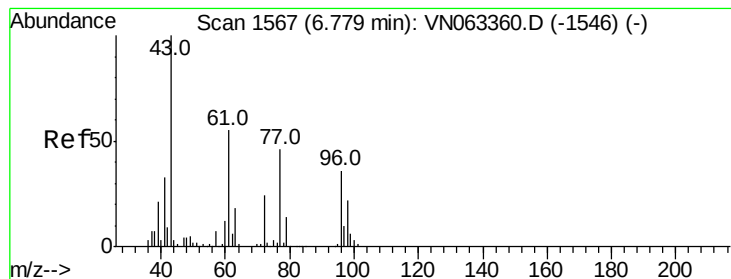
Tgt Ion: 77 Resp: 197176

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 54.197 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

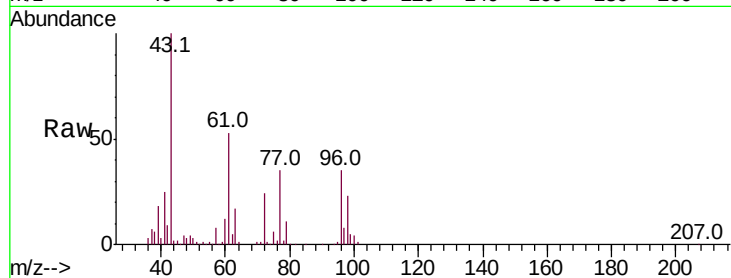
Tot Ion: 96 Resp: 171386

Ion Ratio Lower Upper

96 100

61 158.2 0.0 319.6

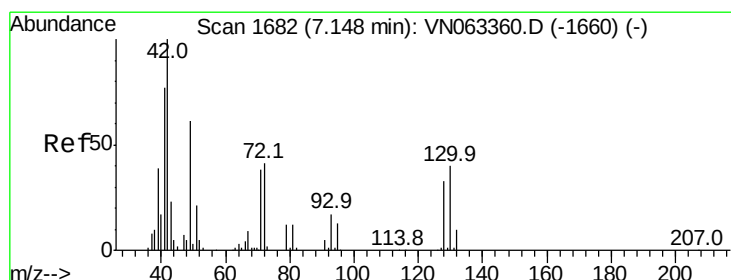
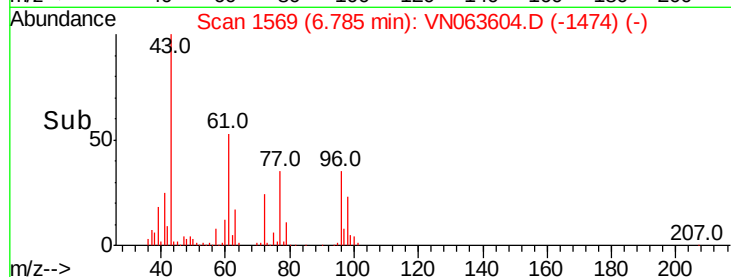
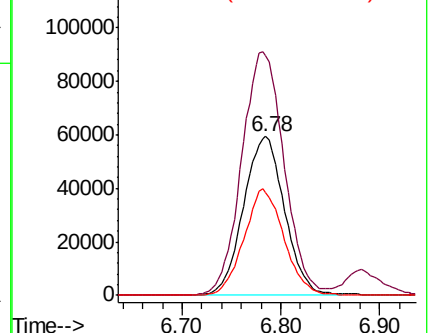
98 65.1 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1546) (-)



#28

Bromochloromethane

Concen: 52.579 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

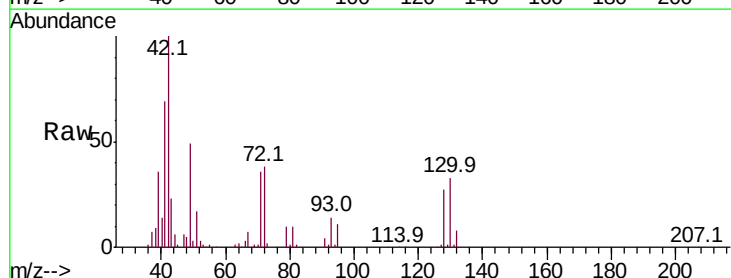
Tgt Ion: 49 Resp: 134835

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

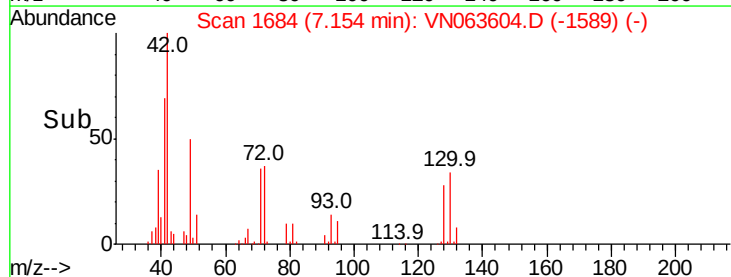
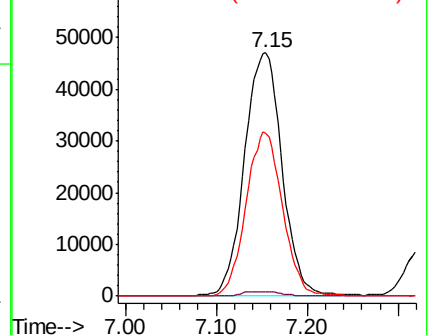
130 65.5 52.2 78.2

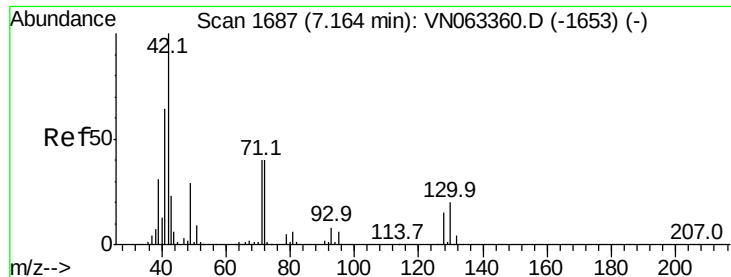


Abundance Ion 48.90 (48.60 to 49.60): VN063360.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063360.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063360.D (-1660) (-)





#29

Tetrahydrofuran

Concen: 251.227 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

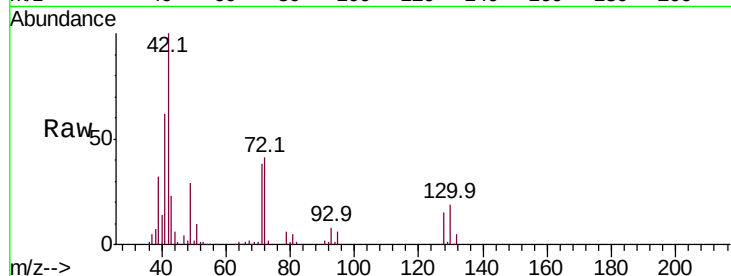
Tot Ion: 42 Resp: 322607

Ion Ratio Lower Upper

42 100

72 41.0 32.1 48.1

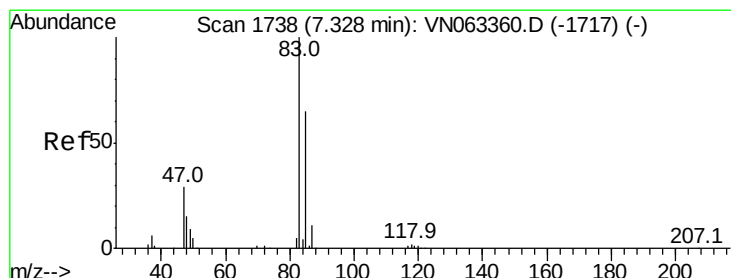
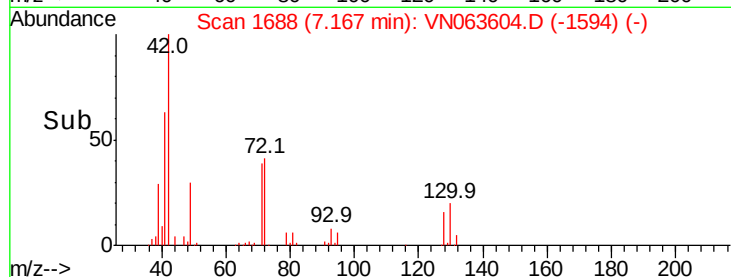
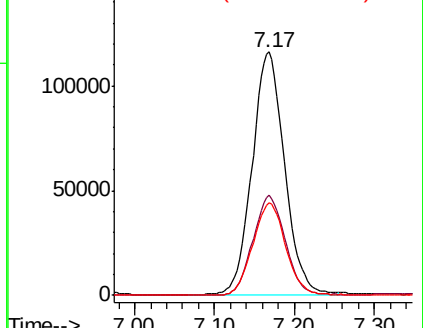
71 38.4 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 53.500 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063604.D

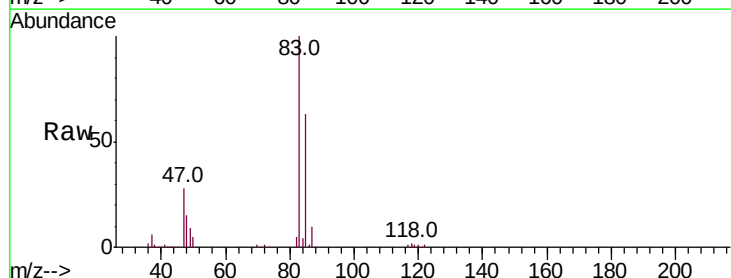
Acq: 23 Sep 2020 21:18

Tgt Ion: 83 Resp: 298112

Ion Ratio Lower Upper

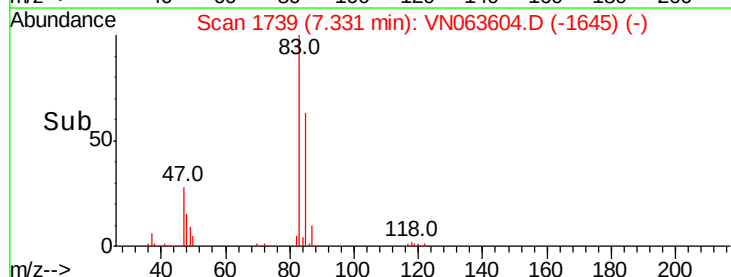
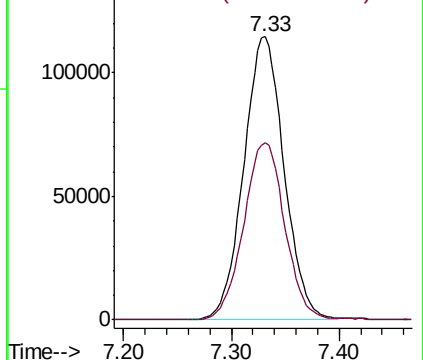
83 100

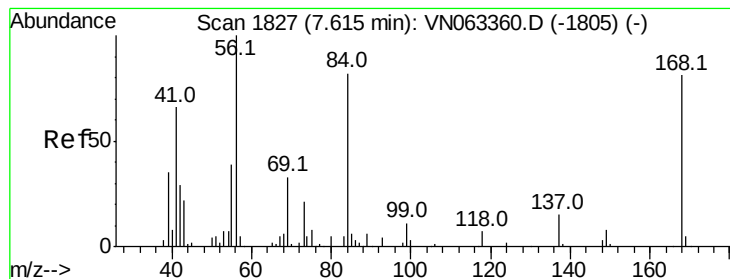
85 62.7 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 41.374 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

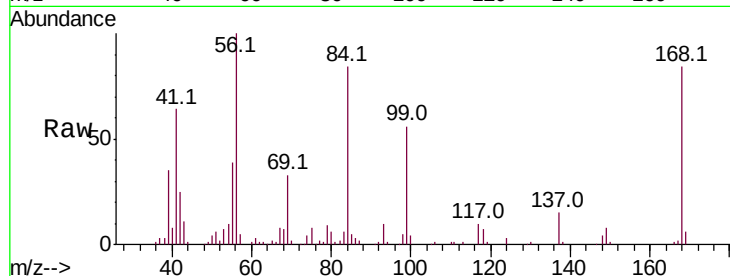
Tot Ion: 56 Resp: 217359

Ion Ratio Lower Upper

56 100

69 33.3 26.1 39.1

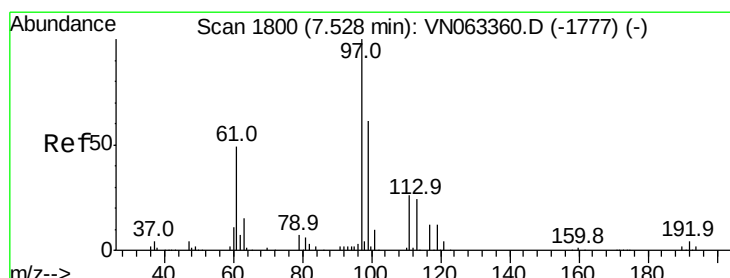
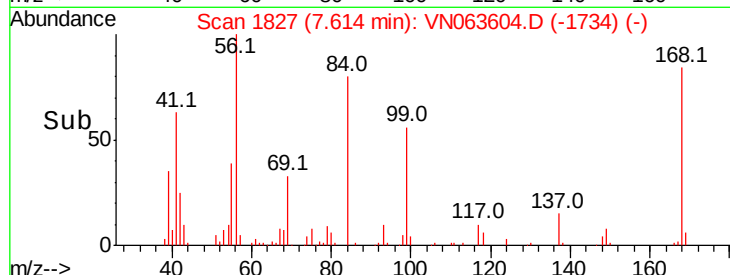
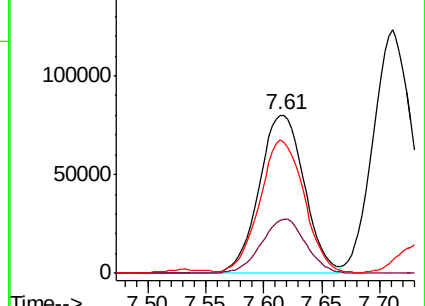
84 82.6 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN063360.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN063360.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 51.321 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

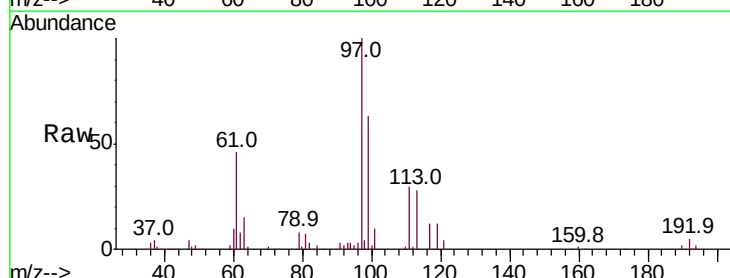
Tgt Ion: 97 Resp: 254352

Ion Ratio Lower Upper

97 100

99 63.0 50.6 76.0

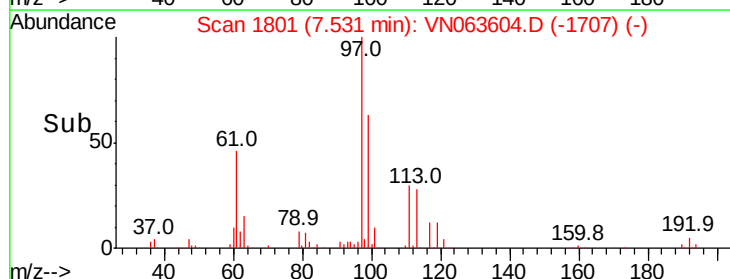
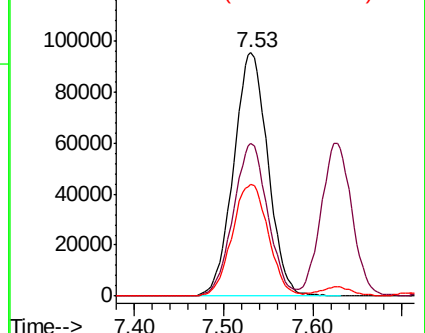
61 48.3 39.2 58.8

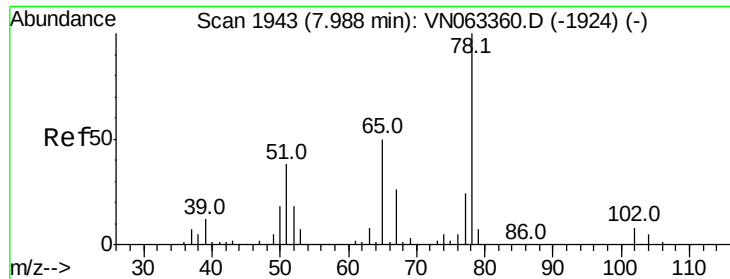


Abundance Ion 96.90 (96.60 to 97.60): VN063360.D (-1777) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-1777) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1777) (-)

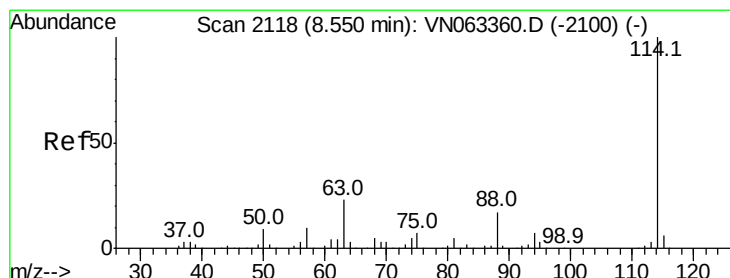
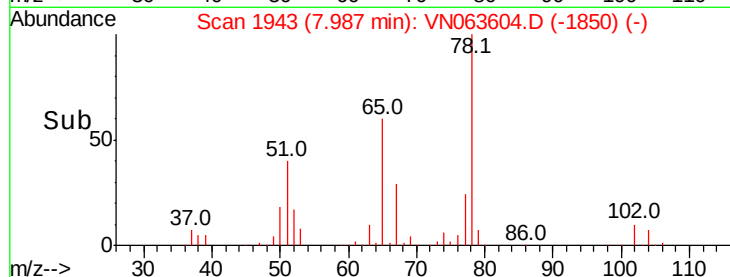
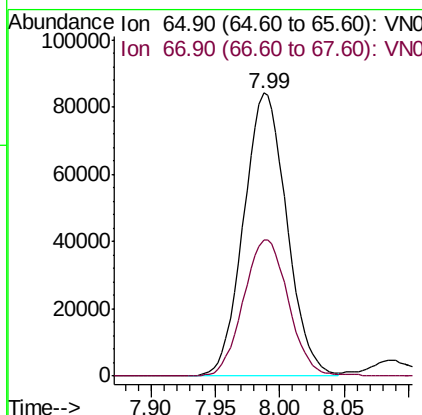
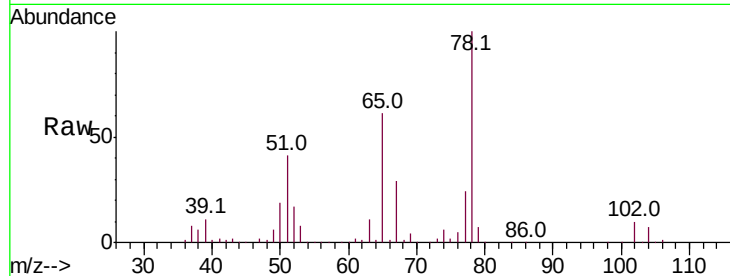




#33
 1,2-Dichloroethane-d4
 Concen: 51.722 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

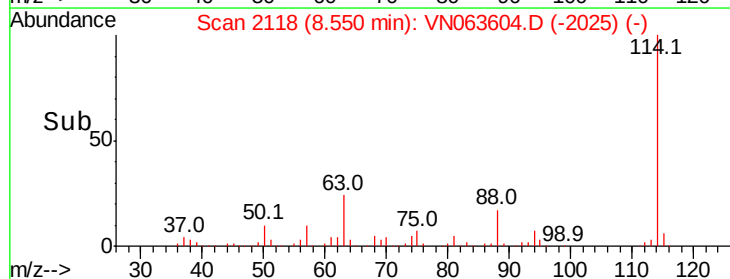
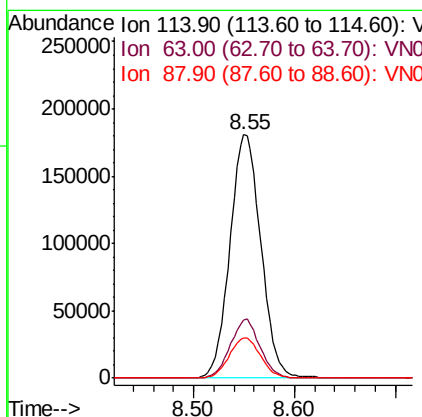
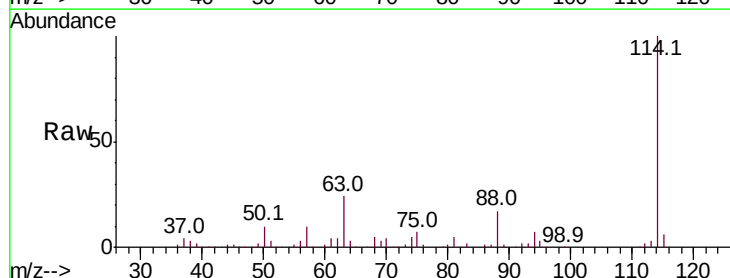
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

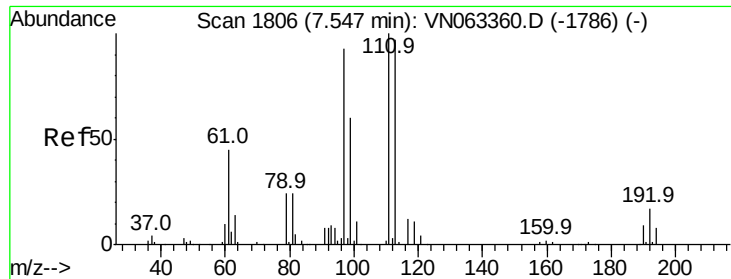
Tot Ion: 65 Resp: 196744
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion: 114 Resp: 386129
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 46.4
 88 16.5 0.0 33.2

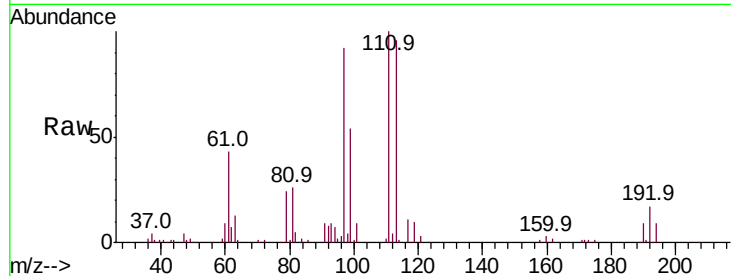




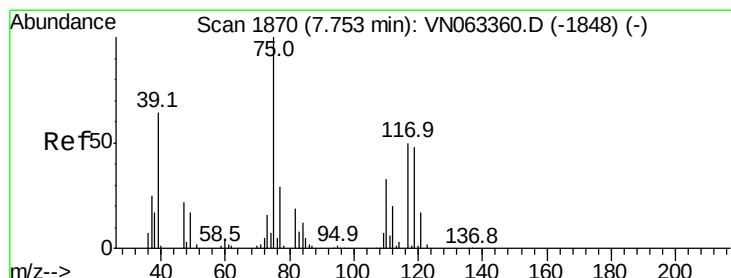
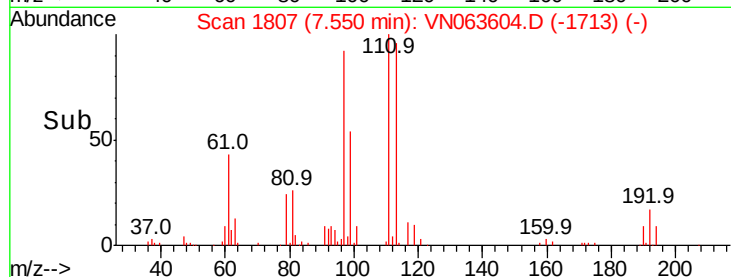
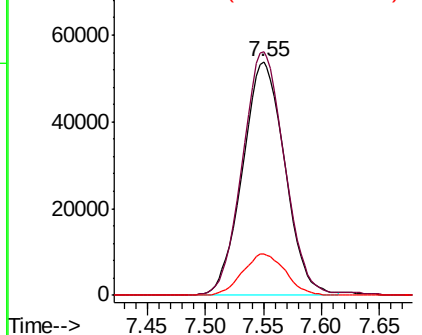
#35
Dibromofluoromethane
Concen: 51.141 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion:113 Resp: 136705
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 17.9 13.9 20.9

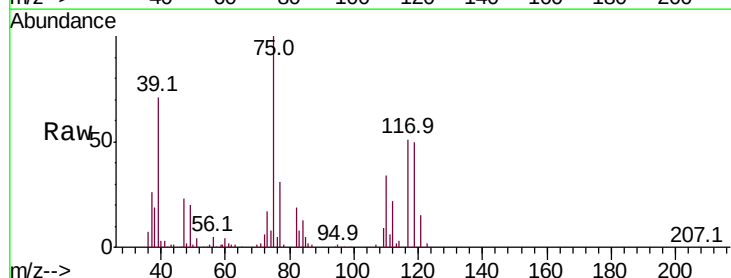


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

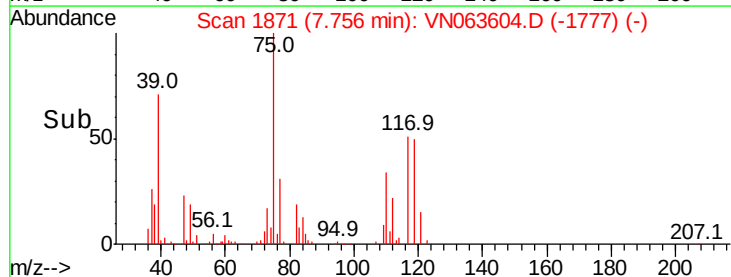
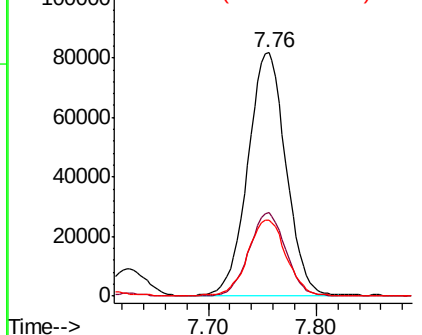


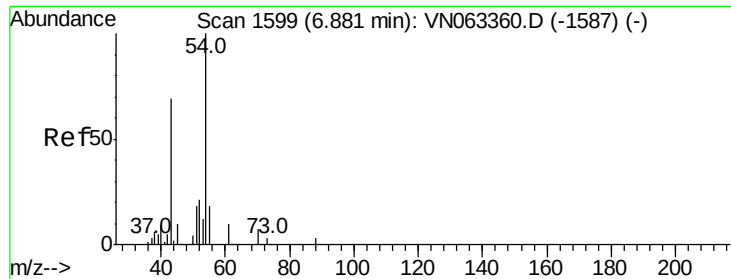
#36
1,1-Dichloropropene
Concen: 48.371 ug/l
RT: 7.76 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion: 75 Resp: 198981
Ion Ratio Lower Upper
75 100
110 33.3 16.5 49.5
77 32.1 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

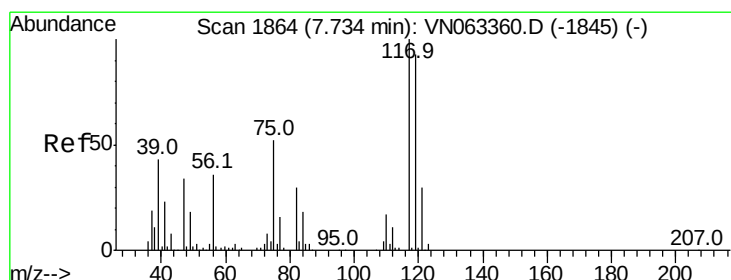
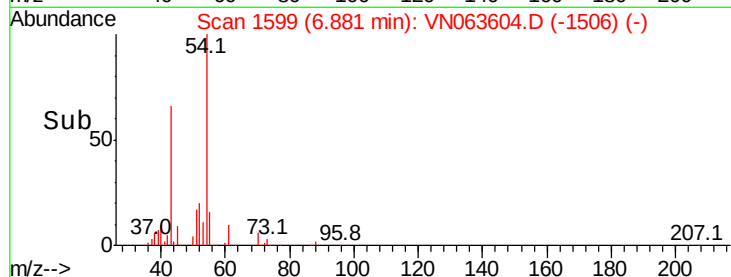
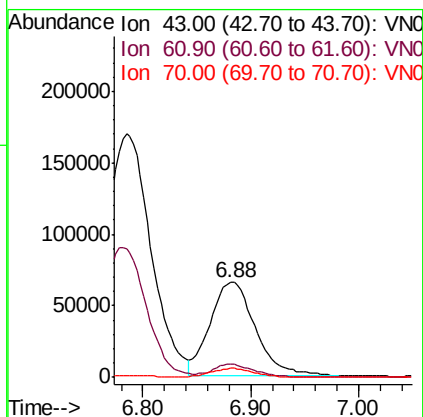
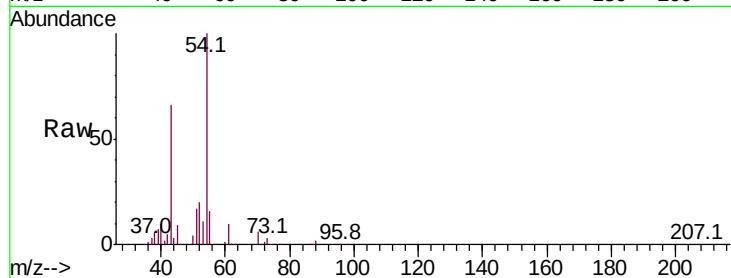




#37
Ethyl Acetate
Concen: 47.307 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

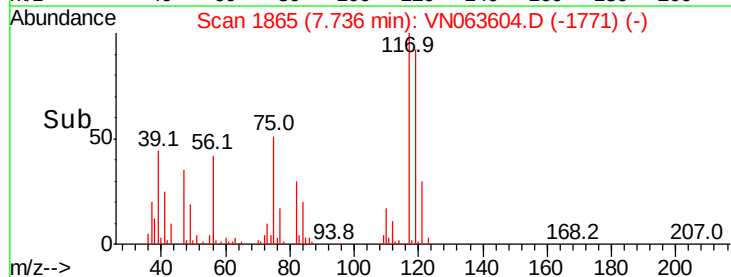
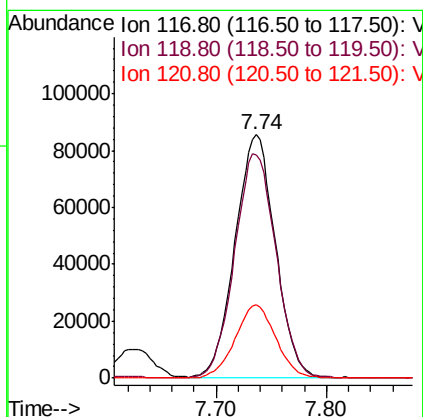
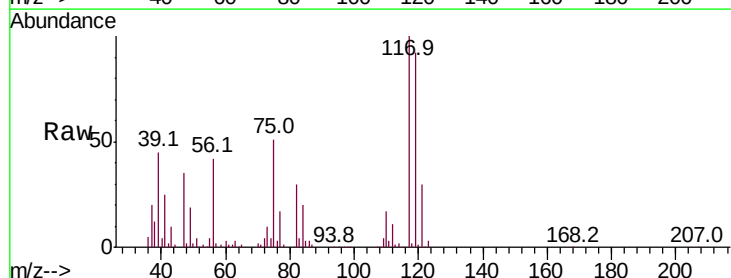
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

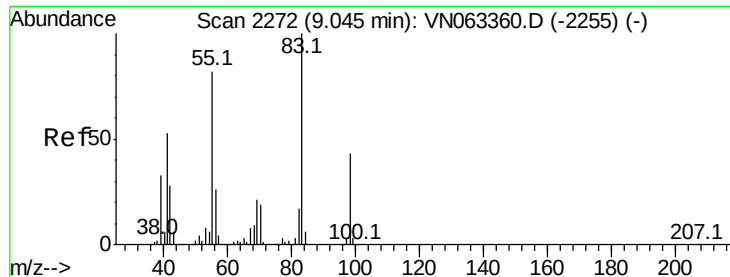
Tot Ion: 43 Resp: 190997
Ion Ratio Lower Upper
43 100
61 12.7 10.6 15.8
70 9.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 51.132 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion: 117 Resp: 214717
Ion Ratio Lower Upper
117 100
119 92.0 74.5 111.7
121 30.0 24.1 36.1

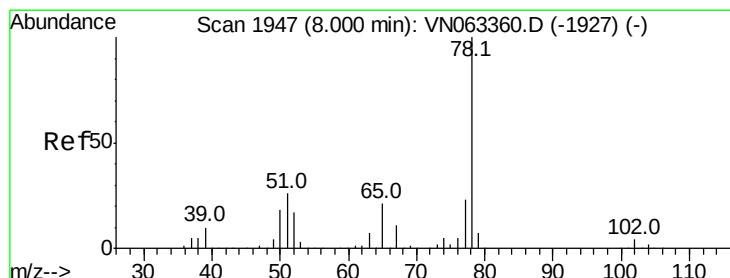
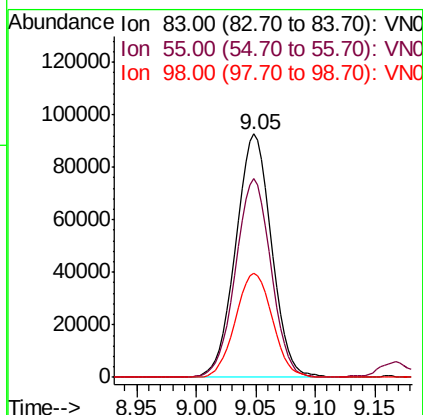
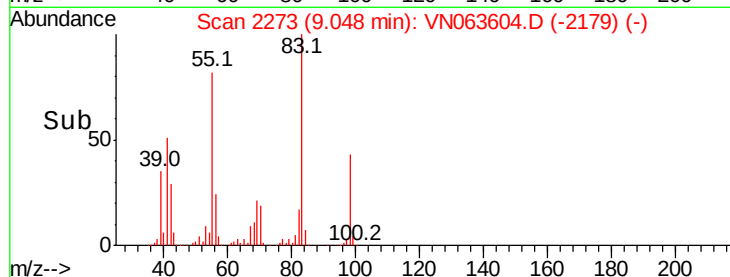
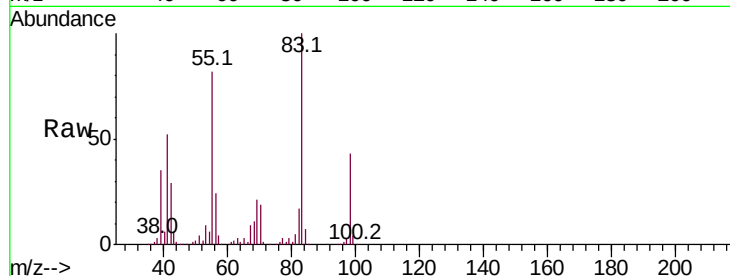




#39
Methylvlcyclohexane
Concen: 43.404 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

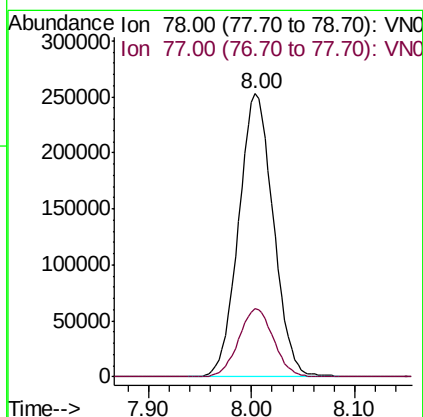
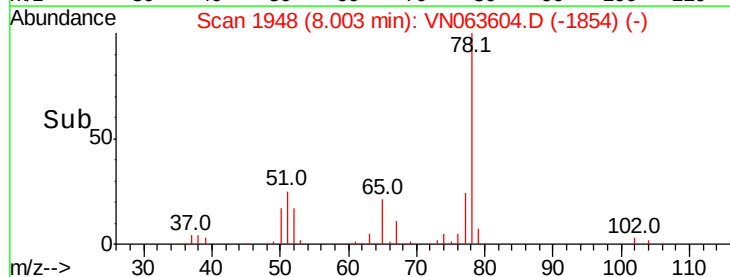
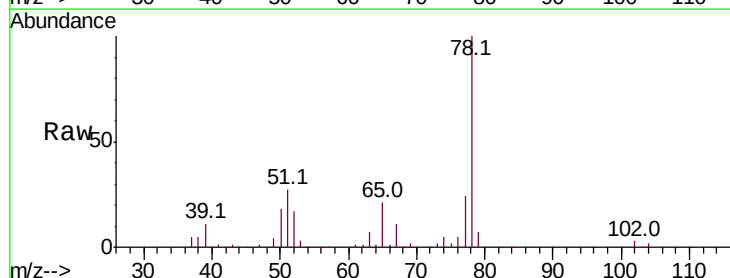
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

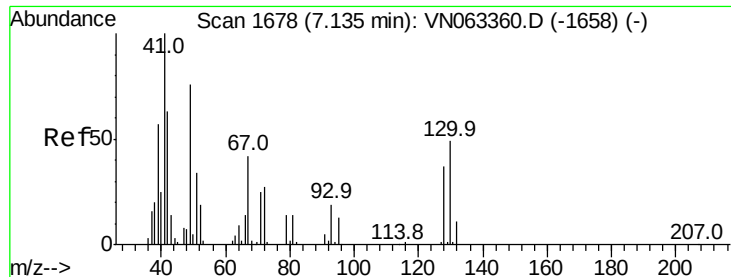
Tot Ion: 83 Resp: 193785
Ion Ratio Lower Upper
83 100
55 81.8 65.5 98.3
98 42.9 34.2 51.4



#40
Benzene
Concen: 50.321 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion: 78 Resp: 590920
Ion Ratio Lower Upper
78 100
77 24.0 18.3 27.5

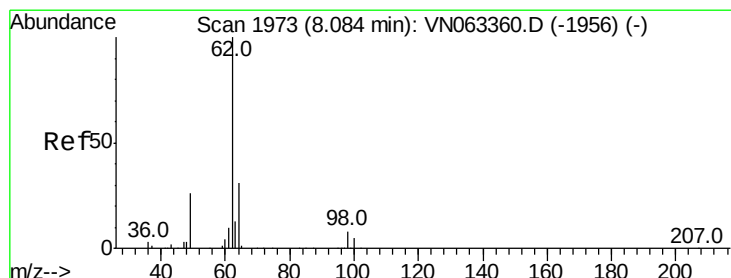
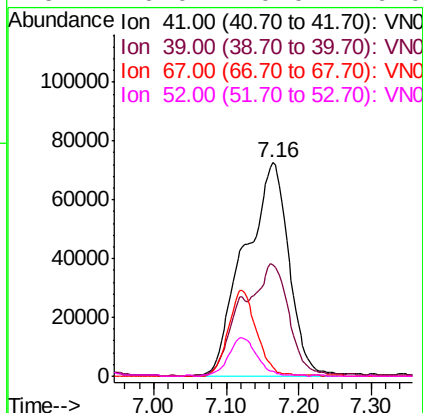
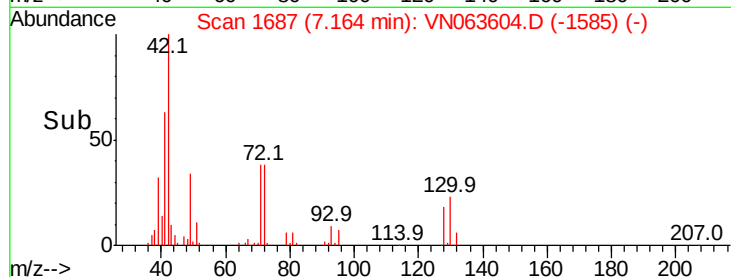
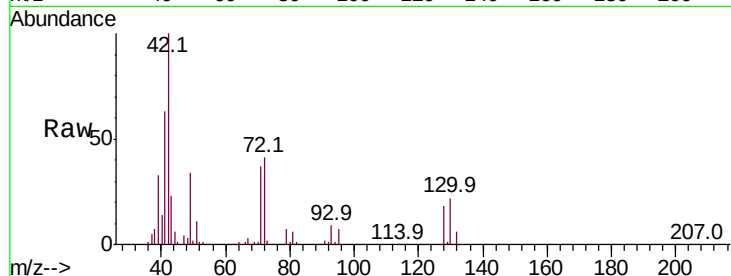




#41
Methacrylonitrile
Concen: 170.866 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

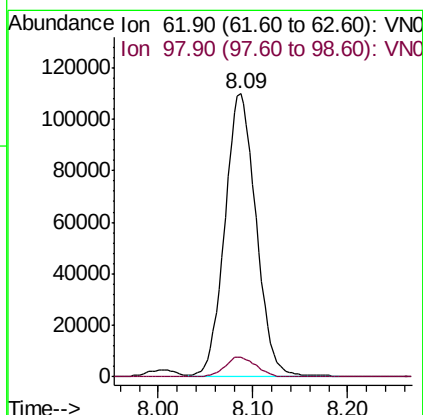
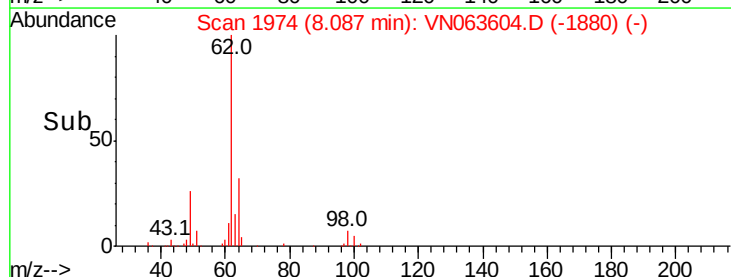
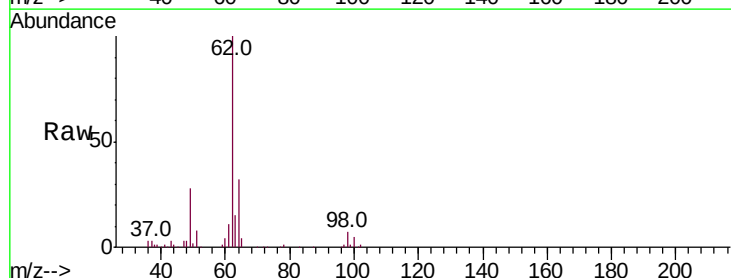
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

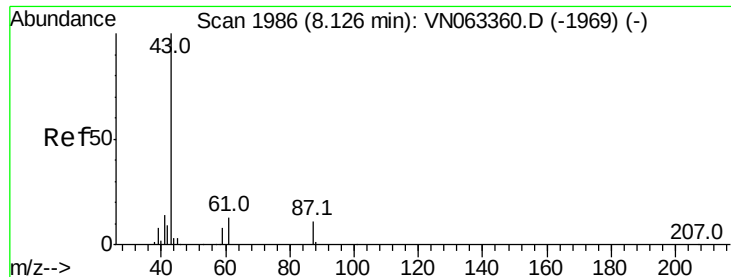
Tot Ion:	41	Resp:	310269
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 53.105 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion:	62	Resp:	250784
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	15.6





#43

Isopropyl Acetate

Concen: 46.498 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

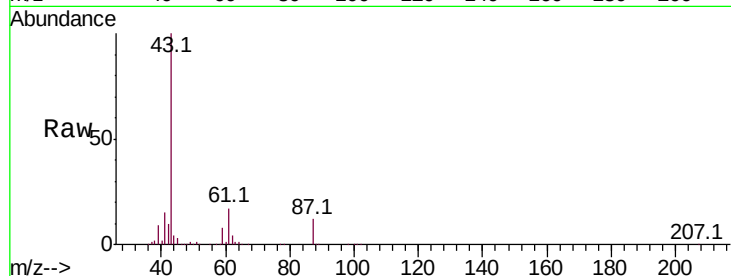
Tot Ion: 43 Resp: 335679

Ion Ratio Lower Upper

43 100

61 17.4 14.2 21.2

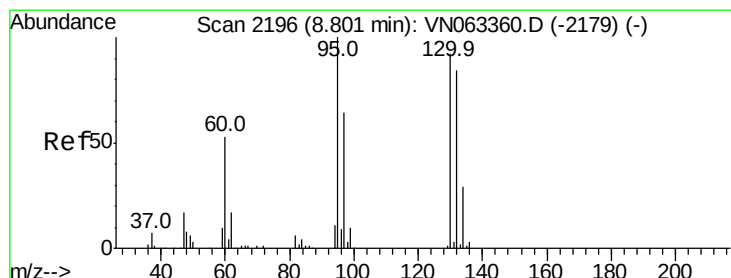
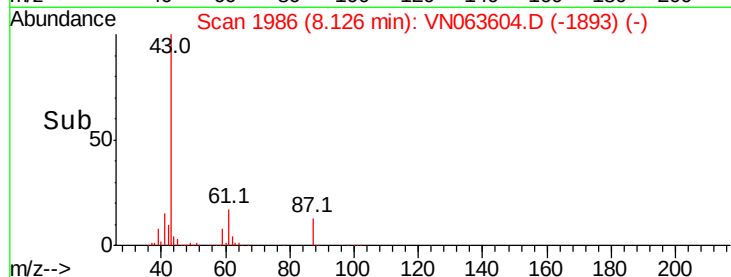
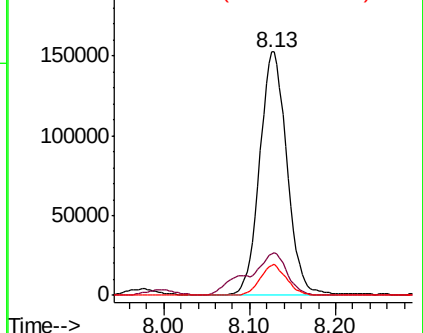
87 12.2 9.0 13.6



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: 282.767 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063604.D

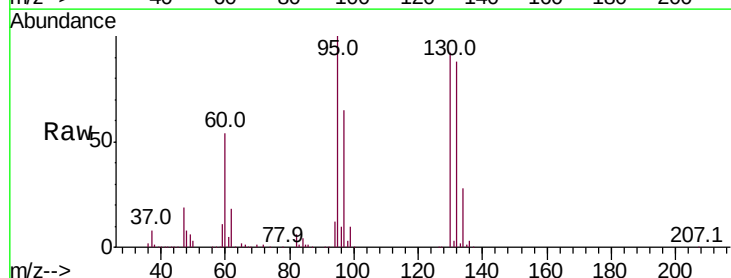
Acq: 23 Sep 2020 21:18

Tgt Ion:130 Resp: 805380

Ion Ratio Lower Upper

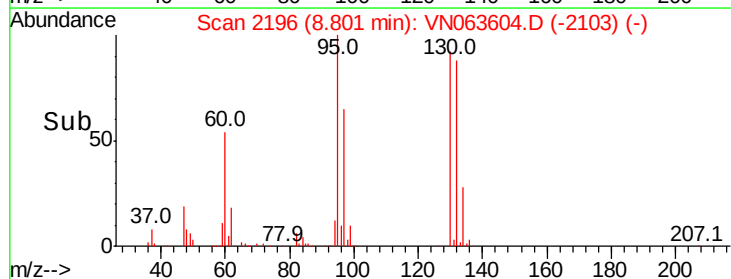
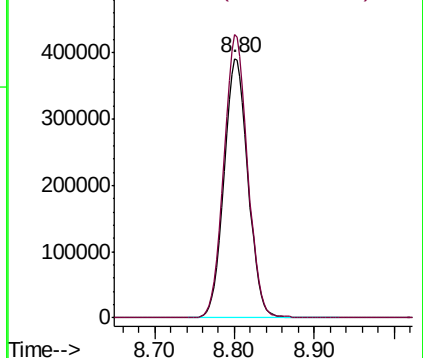
130 100

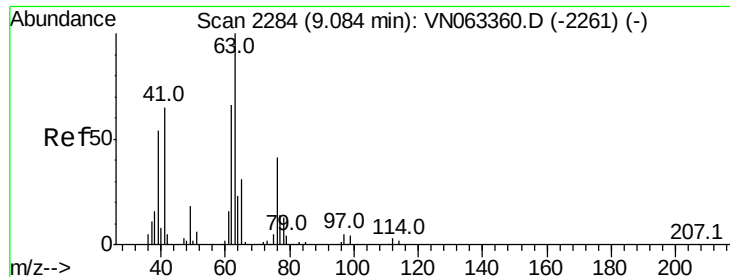
95 109.2 0.0 217.4



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: 51.892 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

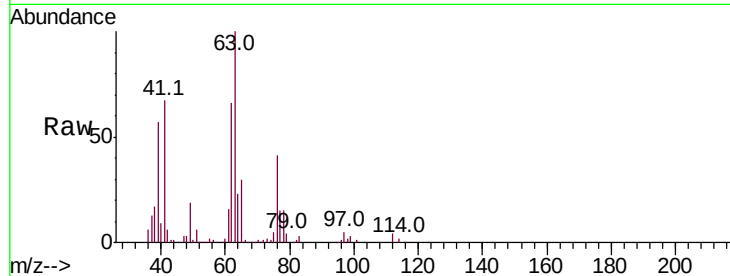
RE131D1-20200916MS

Tot Ion: 63 Resp: 165966

Ion Ratio Lower Upper

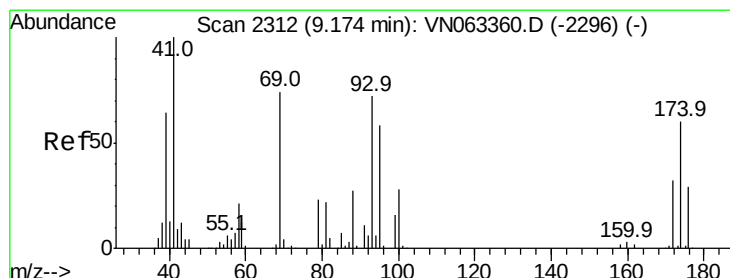
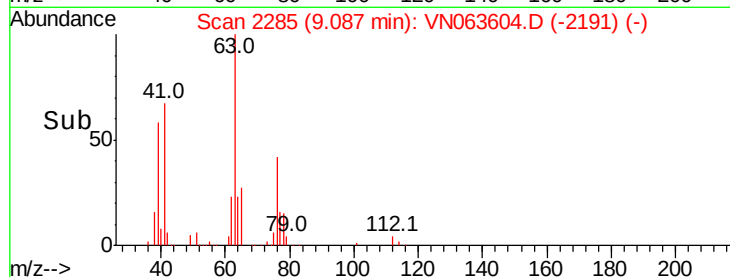
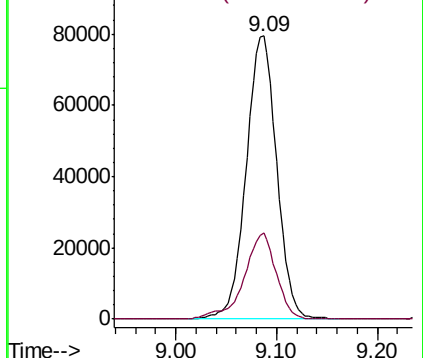
63 100

65 30.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 53.297 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

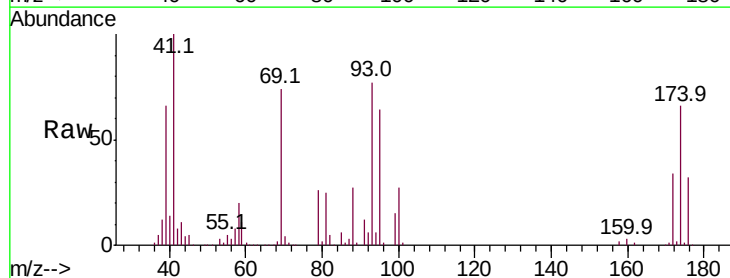
Tgt Ion: 93 Resp: 112036

Ion Ratio Lower Upper

93 100

95 84.0 65.6 98.4

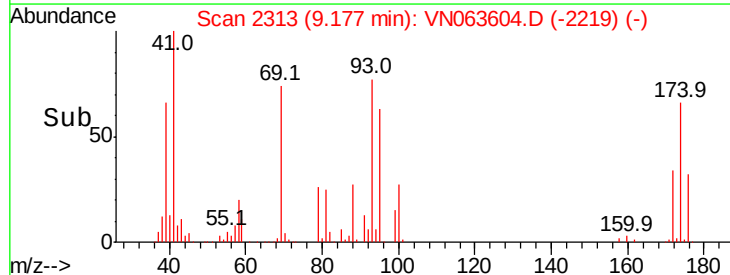
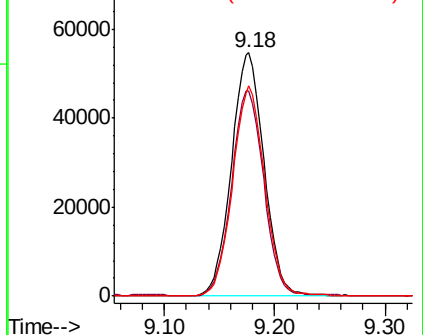
174 85.0 68.1 102.1

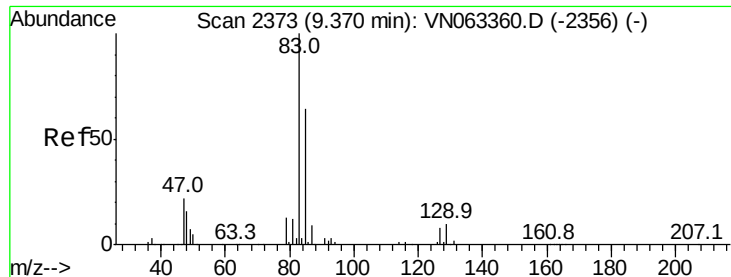


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.115 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

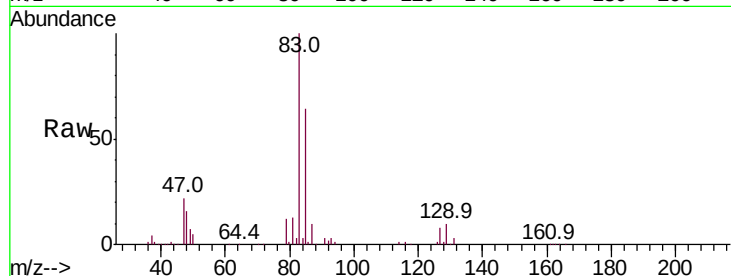
Tot Ion: 83 Resp: 231954

Ion Ratio Lower Upper

83 100

85 63.9 51.0 76.6

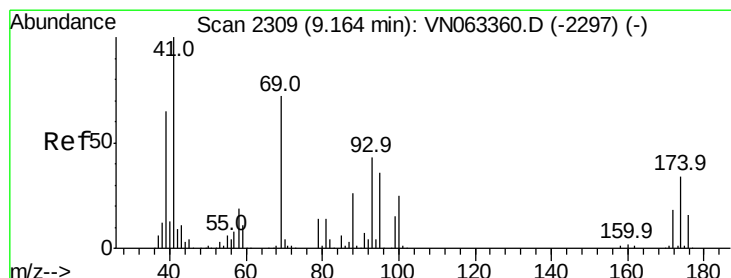
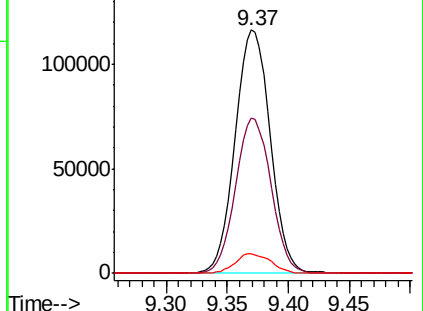
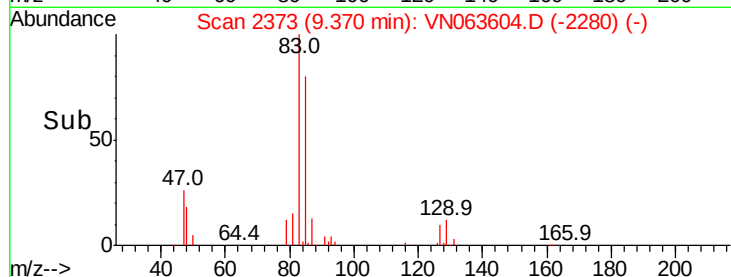
127 8.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063360.D (-2356) (-)



#48

Methyl methacrylate

Concen: 50.603 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

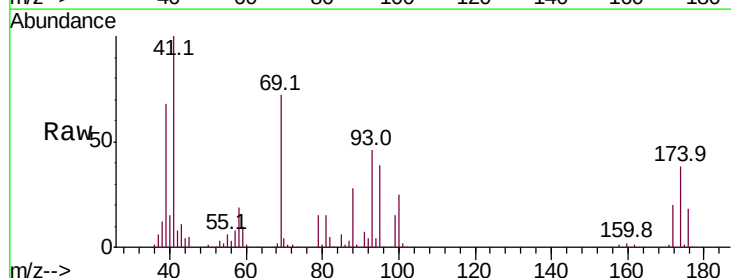
Tgt Ion: 41 Resp: 179484

Ion Ratio Lower Upper

41 100

69 74.1 59.3 88.9

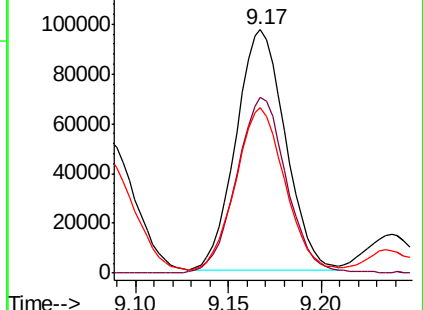
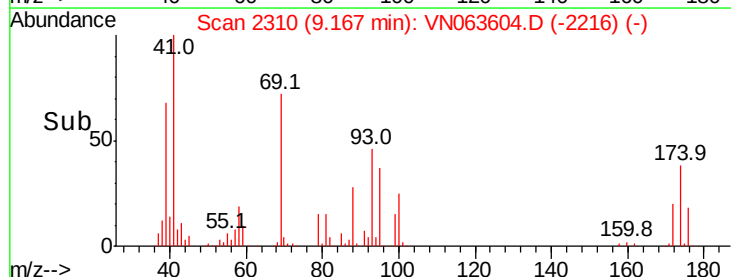
39 69.2 52.9 79.3

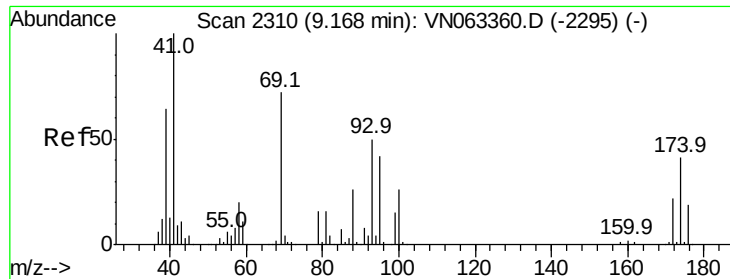


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2297) (-)

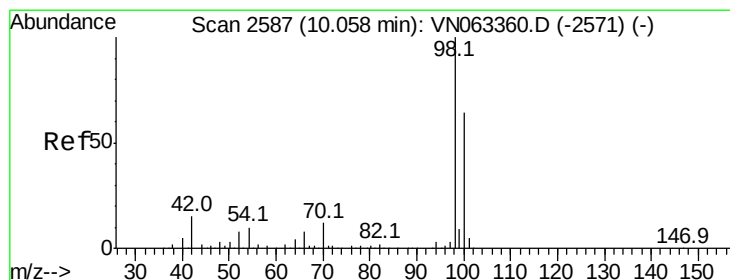
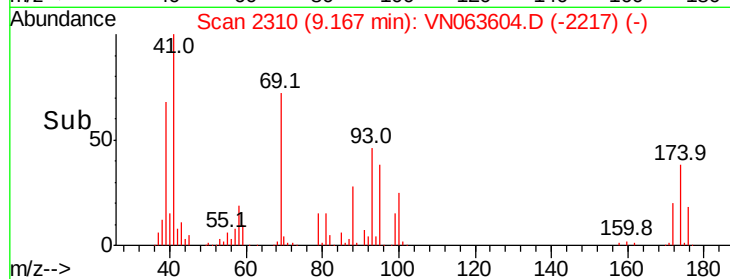
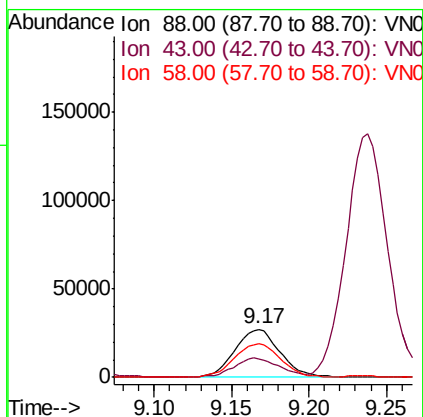
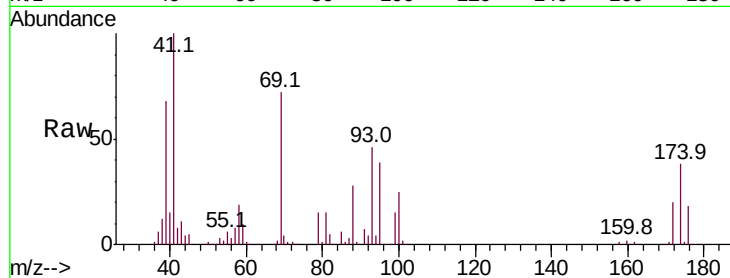




#49
 1,4-Dioxane
 Concen: 1079.339 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

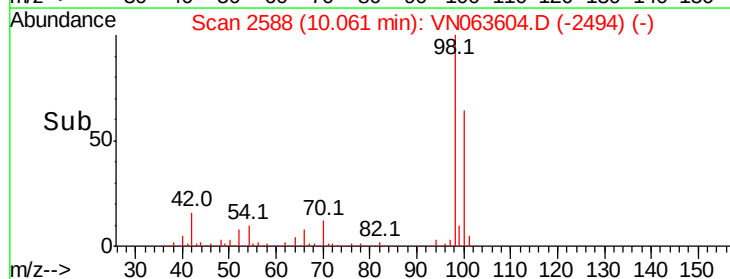
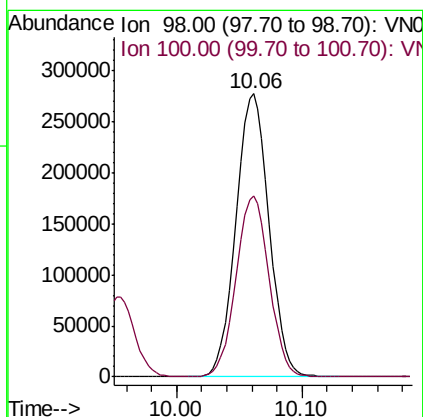
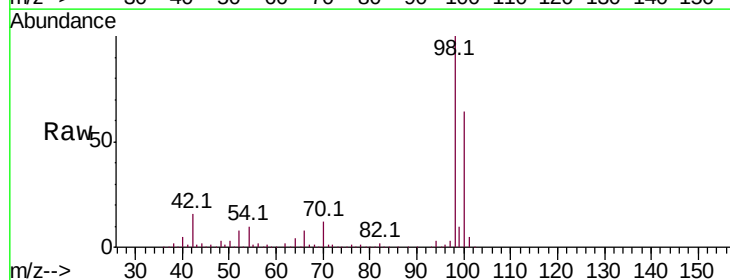
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

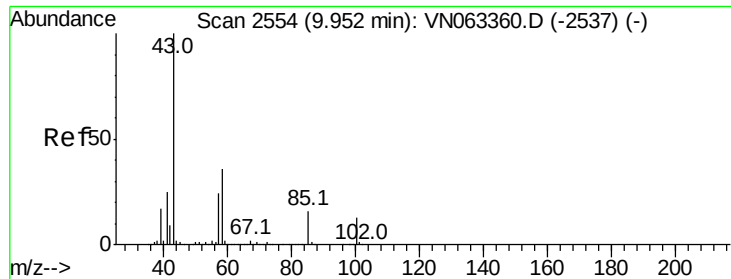
Tot Ion: 88 Resp: 54938
 Ion Ratio Lower Upper
 88 100
 43 37.8 32.6 49.0
 58 71.9 60.0 90.0



#50
 Toluene-d8
 Concen: 50.558 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion: 98 Resp: 508174
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 269.101 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

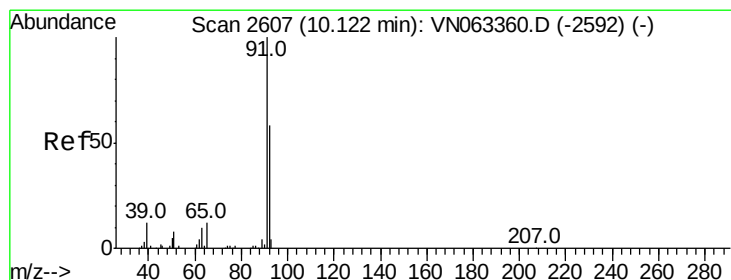
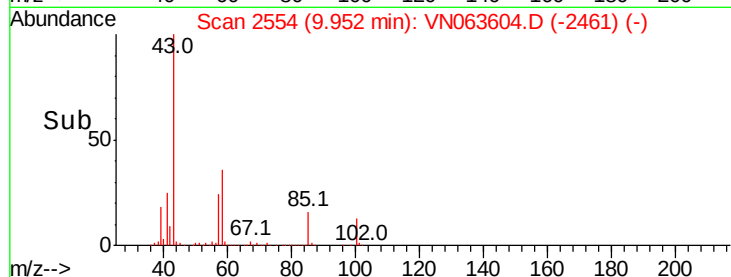
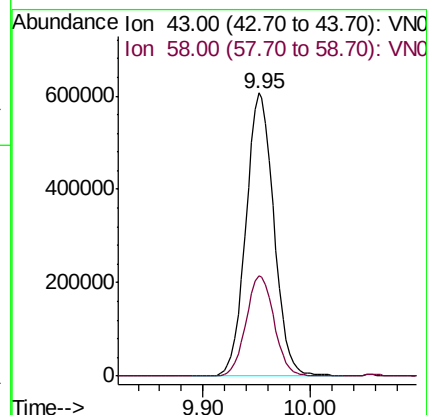
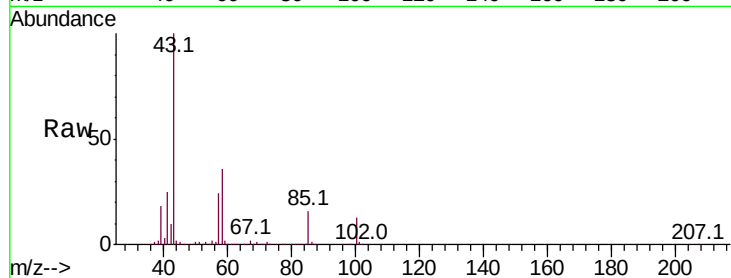
RE131D1-20200916MS

Tot Ion: 43 Resp: 1087594

Ion Ratio Lower Upper

43 100

58 35.8 29.0 43.6



#52

Toluene

Concen: 53.128 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063604.D

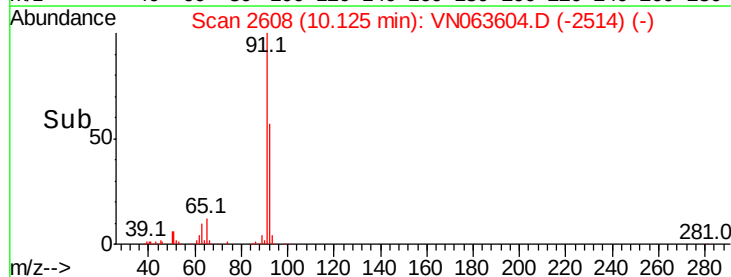
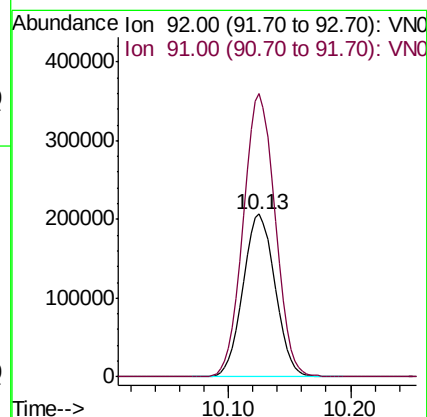
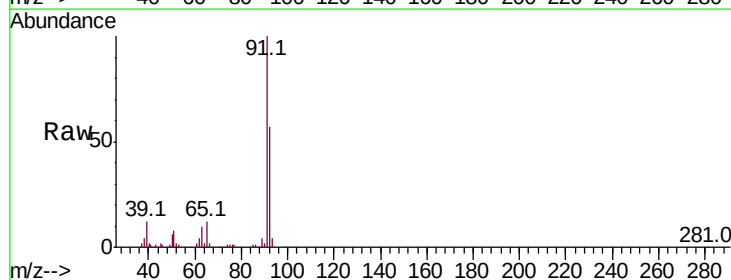
Acq: 23 Sep 2020 21:18

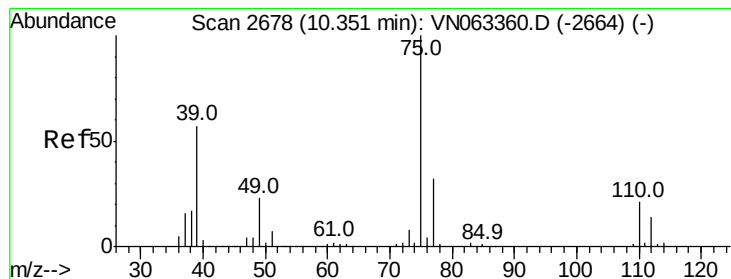
Tgt Ion: 92 Resp: 375096

Ion Ratio Lower Upper

92 100

91 173.1 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 49.269 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

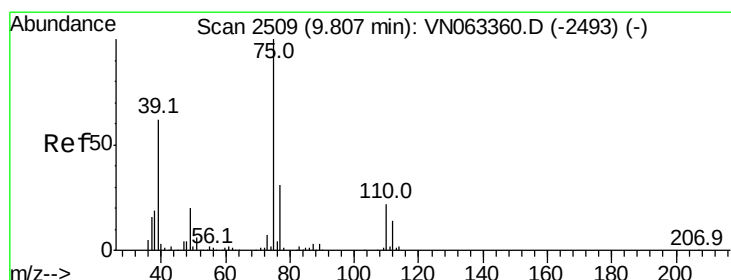
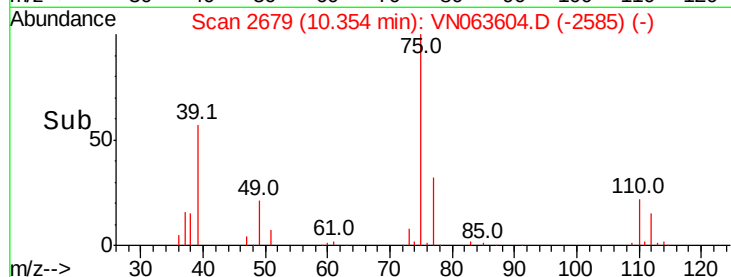
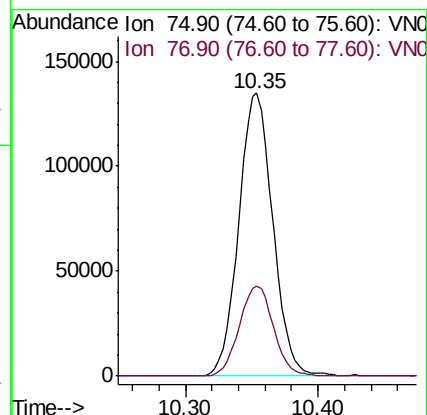
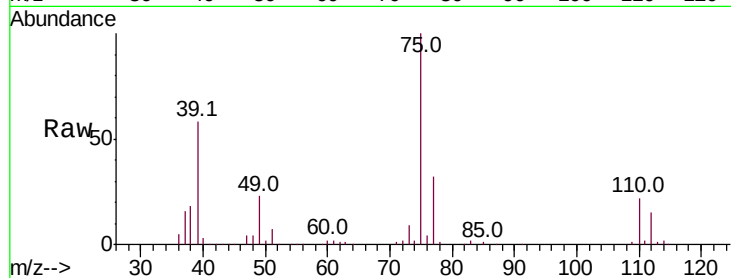
RE131D1-20200916MS

Tot Ion: 75 Resp: 240202

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 47.839 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

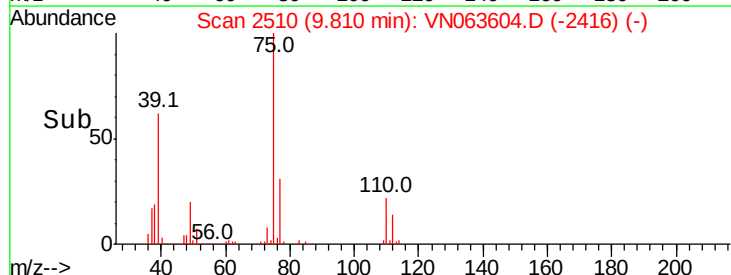
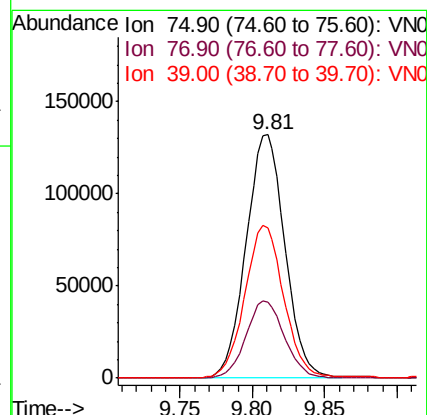
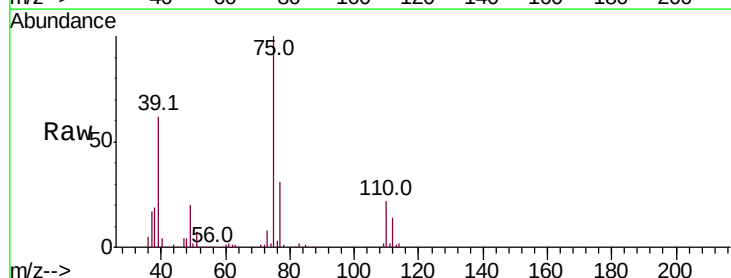
Tgt Ion: 75 Resp: 246009

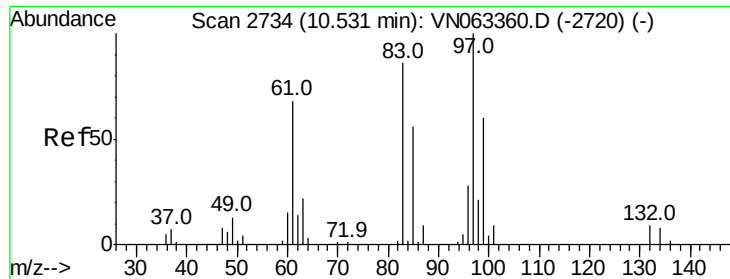
Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

39 61.6 49.8 74.8

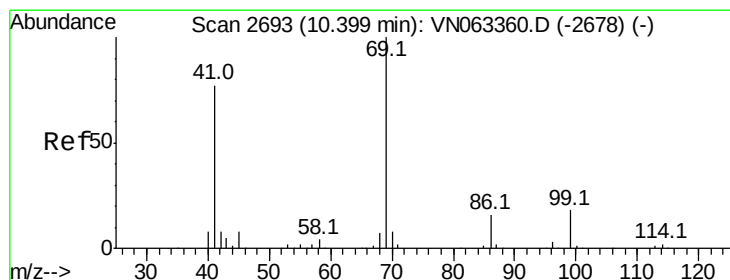
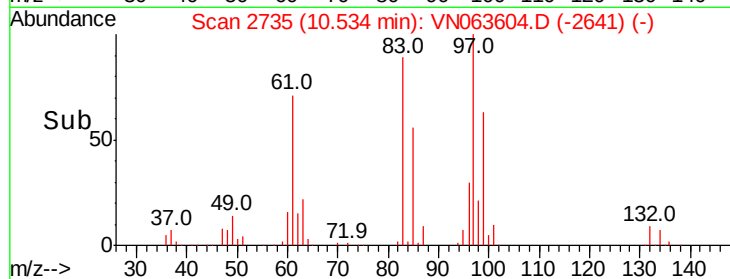
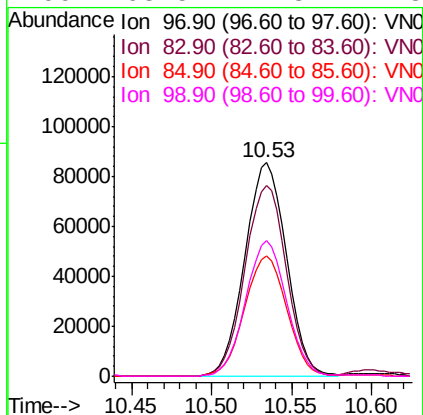
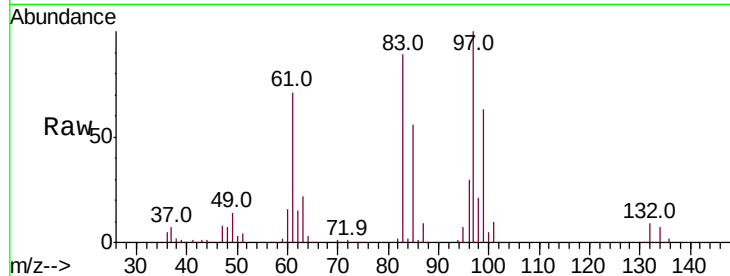




#55
 1,1,2-Trichloroethane
 Concen: 54.350 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

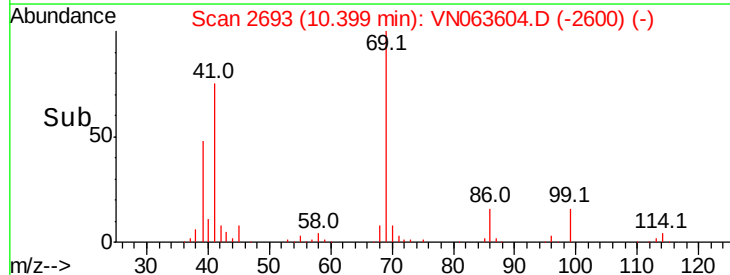
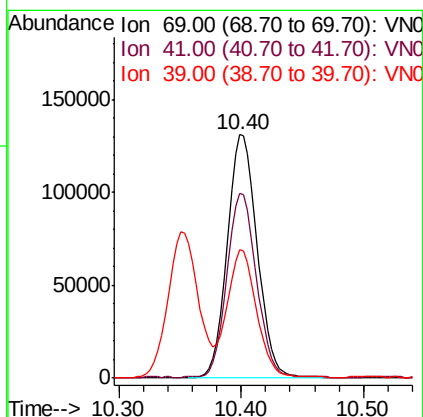
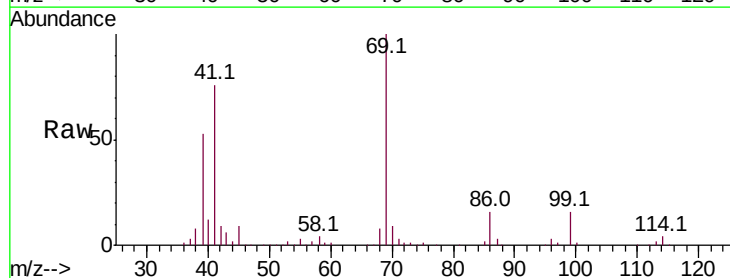
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

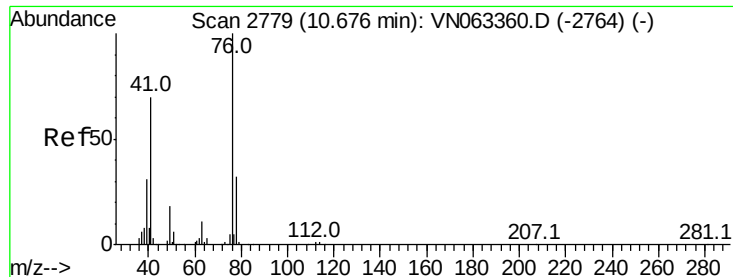
Tot Ion:	97	Resp:	152419
Ion	Ratio	Lower	Upper
97	100		
83	89.0	68.9	103.3
85	56.1	44.8	67.2
99	63.5	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 51.581 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion:	69	Resp:	225821
Ion	Ratio	Lower	Upper
69	100		
41	74.4	61.0	91.6
39	52.0	39.2	58.8





#57

1,3-Dichloropropane

Concen: 51.300 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

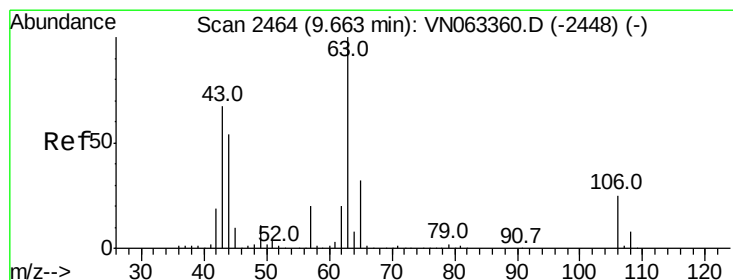
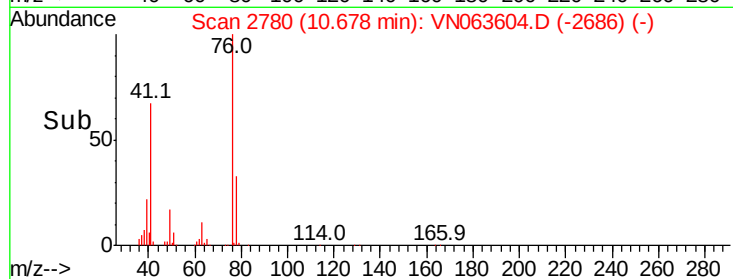
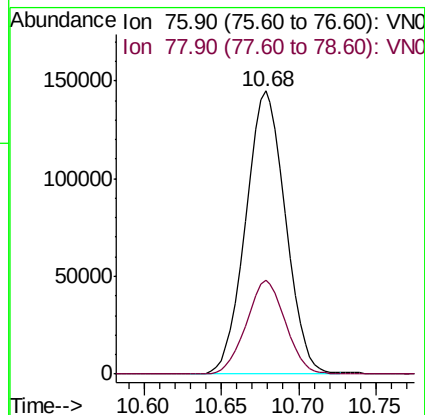
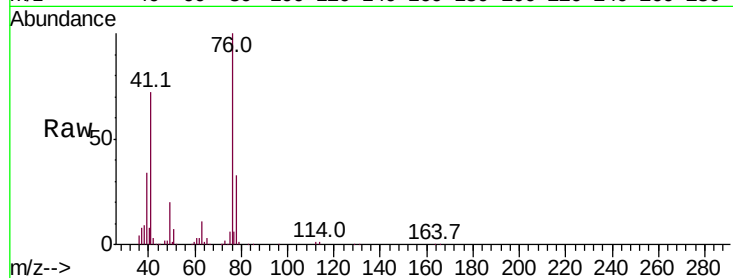
RE131D1-20200916MS

Tot Ion: 76 Resp: 259433

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 0.658 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.15 min

Lab File: VN063604.D

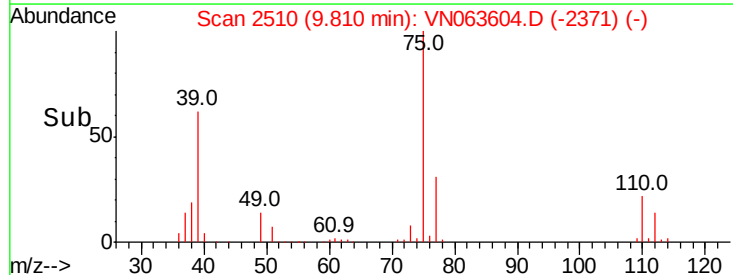
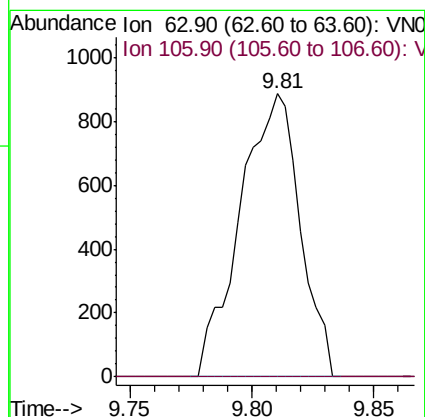
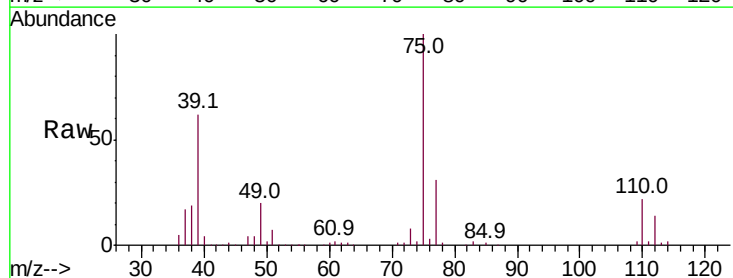
Acq: 23 Sep 2020 21:18

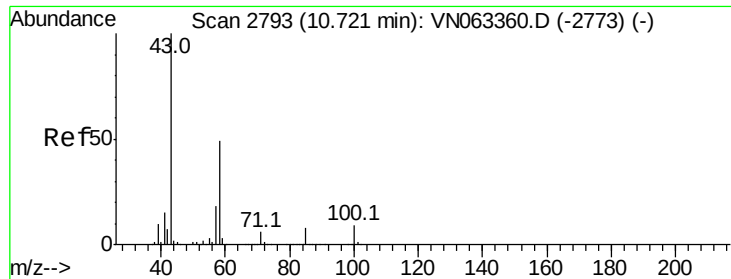
Tgt Ion: 63 Resp: 1512

Ion Ratio Lower Upper

63 100

106 0.0 19.5 29.3#

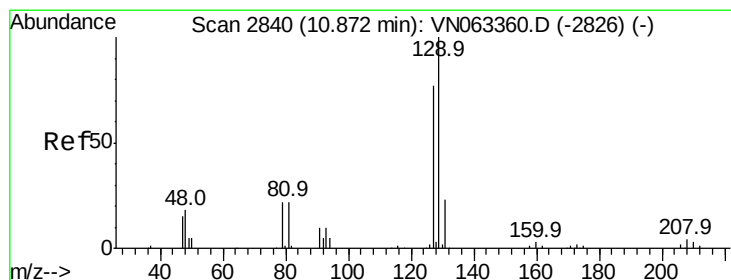
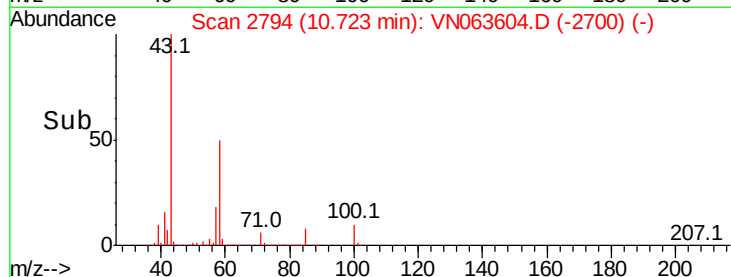
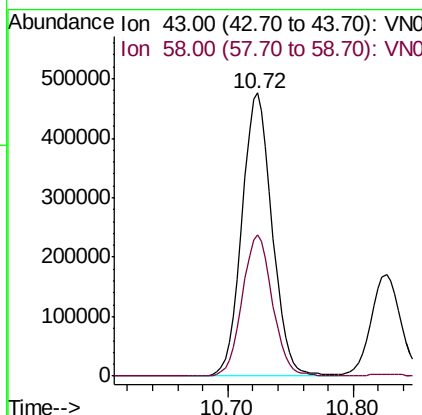
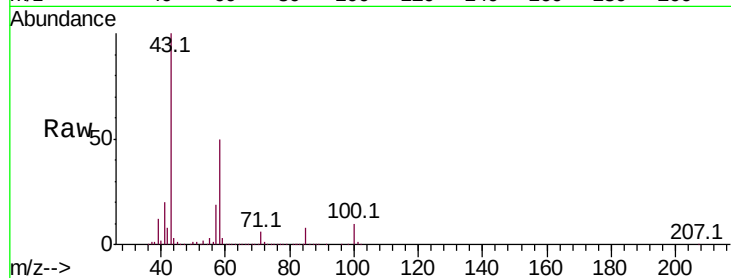




#59
2-Hexanone
Concen: 271.972 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

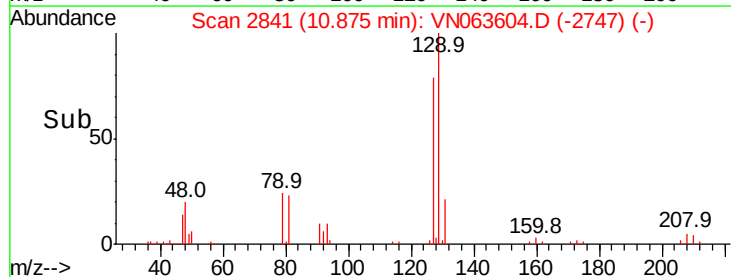
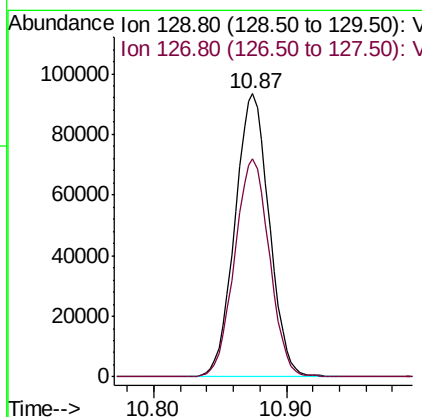
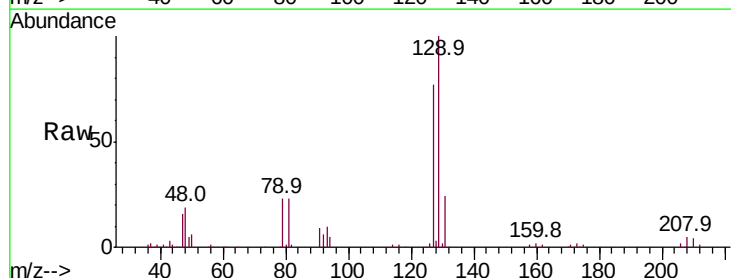
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

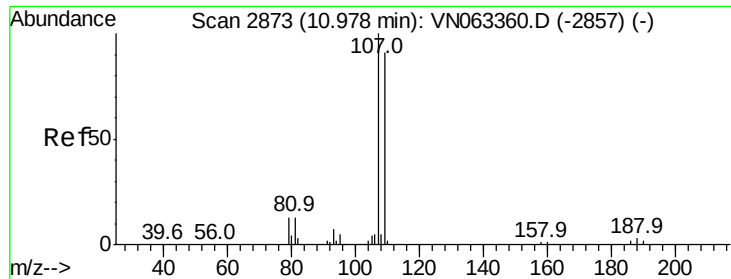
Tot Ion: 43 Resp: 796339
Ion Ratio Lower Upper
43 100
58 50.1 24.7 74.1



#60
Dibromochloromethane
Concen: 52.926 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion: 129 Resp: 167679
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3





#61

1,2-Dibromoethane

Concen: 54.144 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

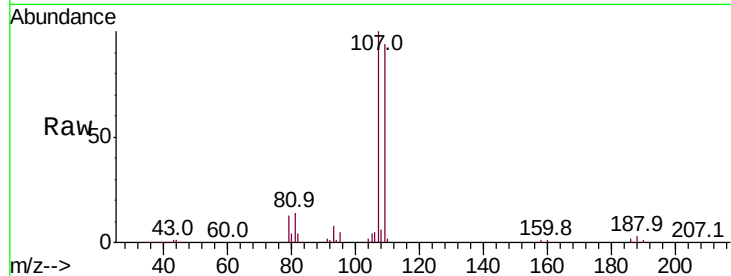
RE131D1-20200916MS

Tot Ion:107 Resp: 157750

Ion Ratio Lower Upper

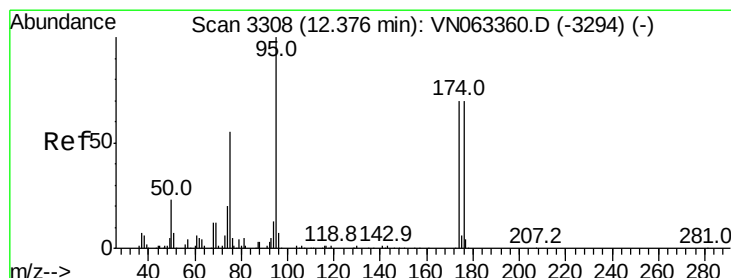
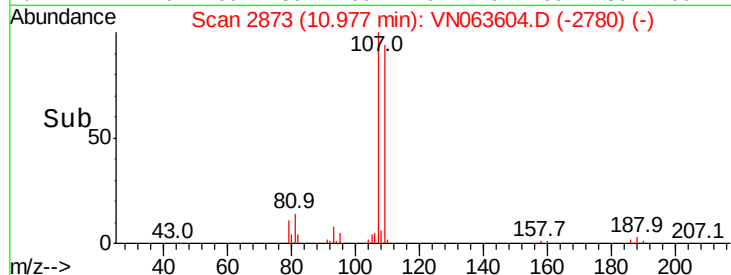
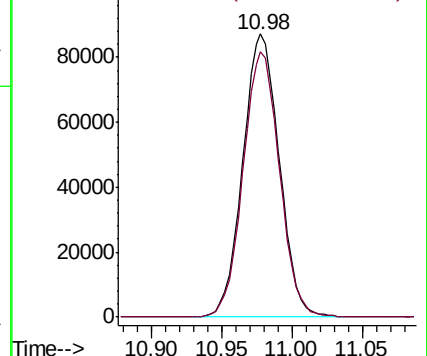
107 100

109 93.8 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.599 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

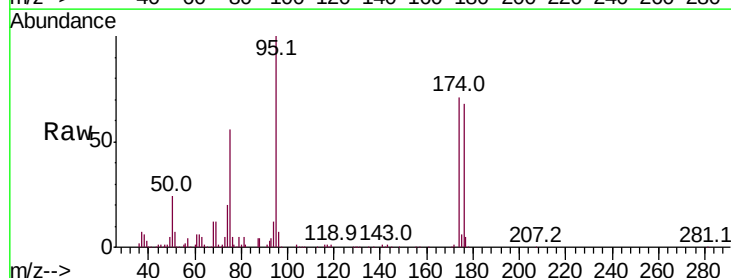
Tgt Ion: 95 Resp: 197491

Ion Ratio Lower Upper

95 100

174 72.2 0.0 140.8

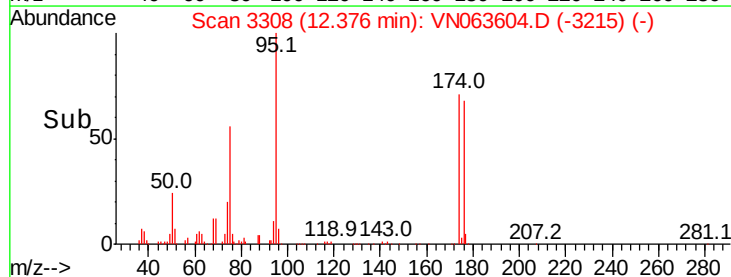
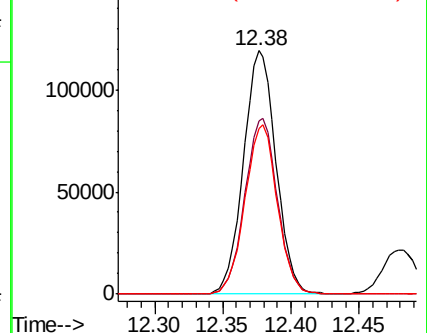
176 69.1 0.0 137.6

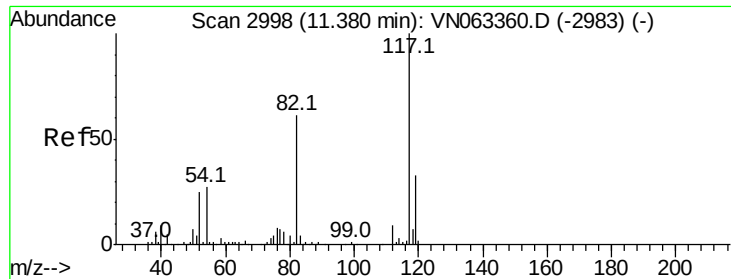


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

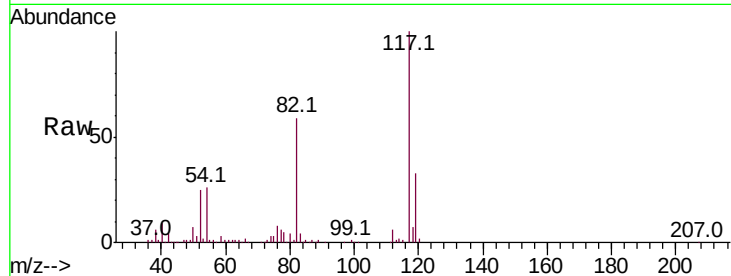
Tot Ion:117 Resp: 368203

Ion Ratio Lower Upper

117 100

82 59.4 49.2 73.8

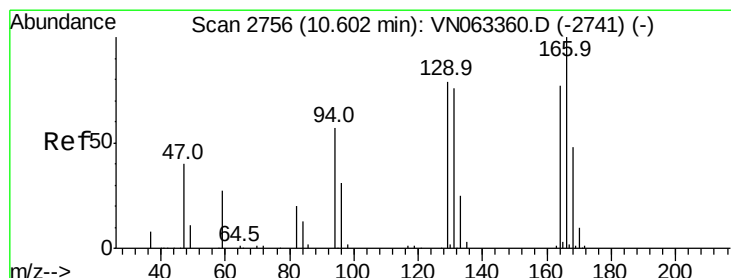
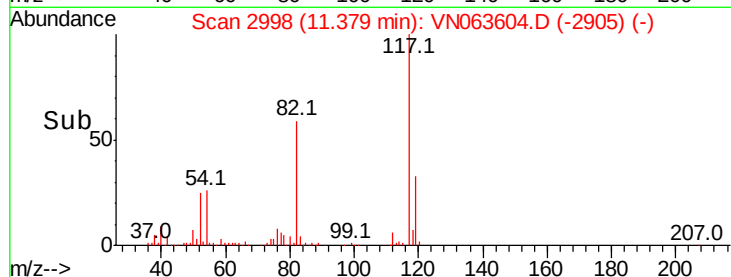
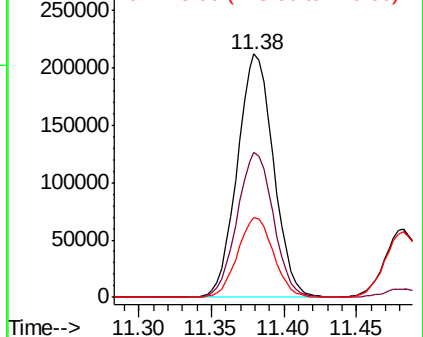
119 32.7 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 69.238 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Tgt Ion:164 Resp: 173593

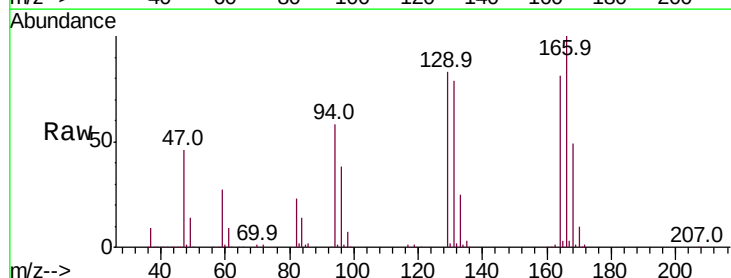
Ion Ratio Lower Upper

164 100

166 123.0 103.4 155.0

129 101.5 81.8 122.6

131 96.9 78.2 117.4

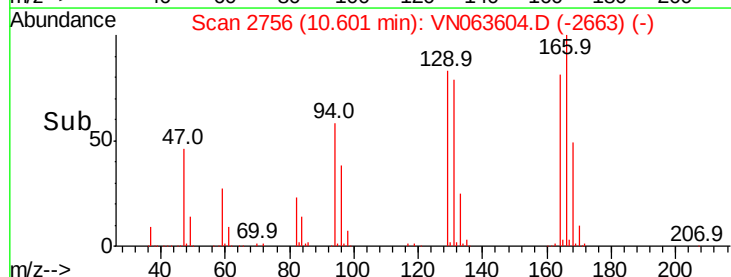
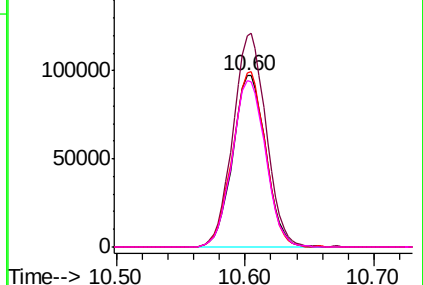


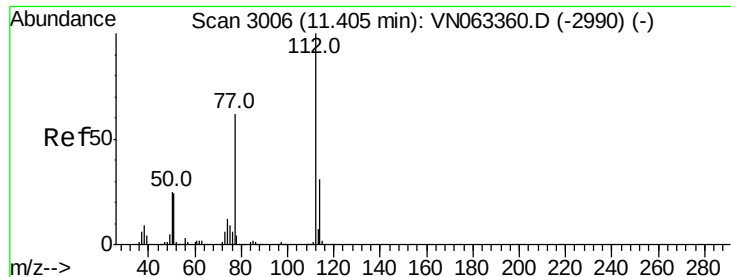
Abundance Ion 163.80 (163.50 to 164.50): V

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

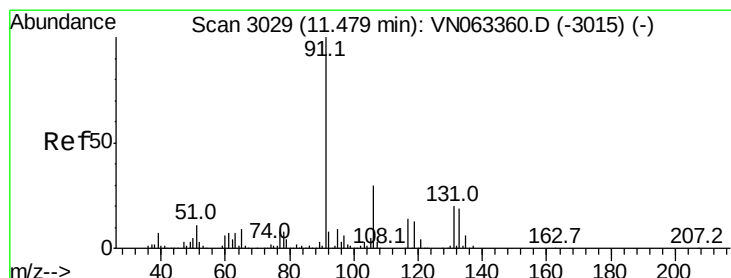
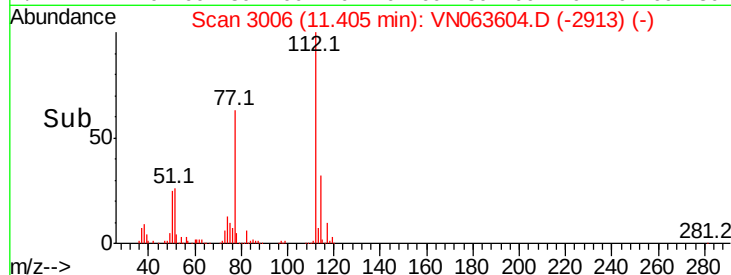
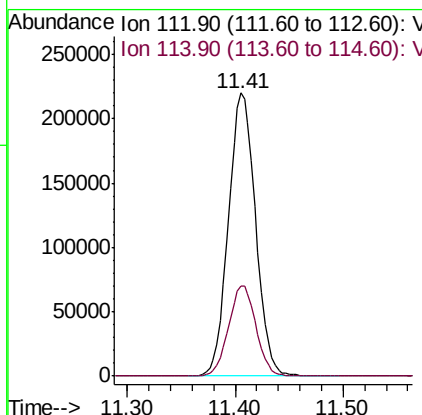
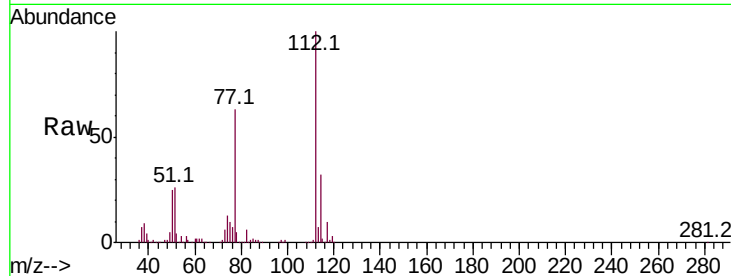




#65
Chlorobenzene
Concen: 49.365 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

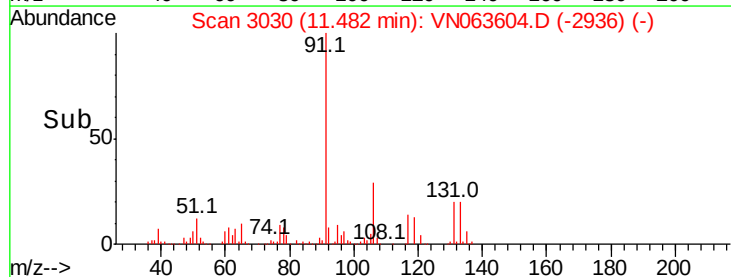
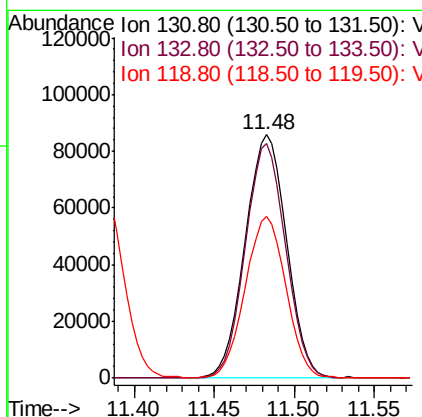
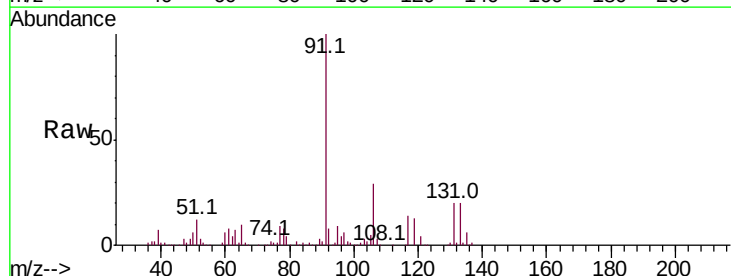
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

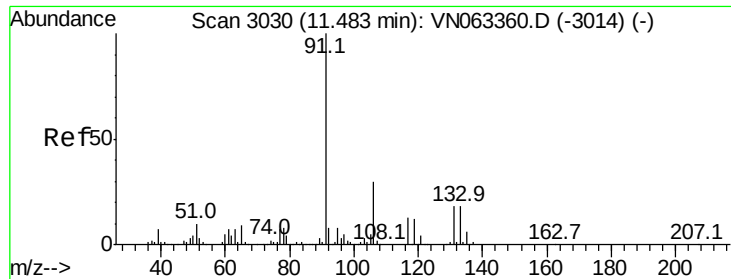
Tot Ion:112 Resp: 385833
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.130 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion:131 Resp: 152219
Ion Ratio Lower Upper
131 100
133 93.8 47.3 141.9
119 65.4 33.6 100.8





#67

Ethyl Benzene

Concen: 49.488 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

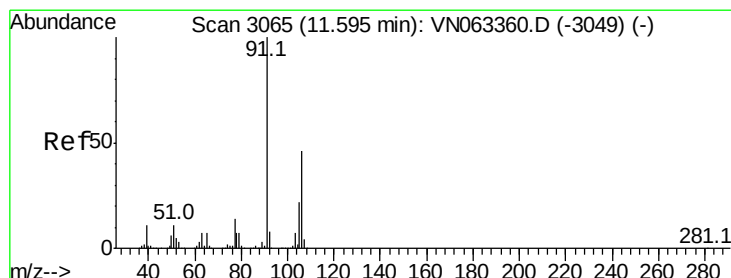
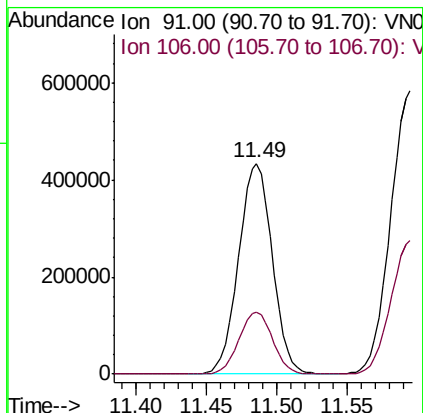
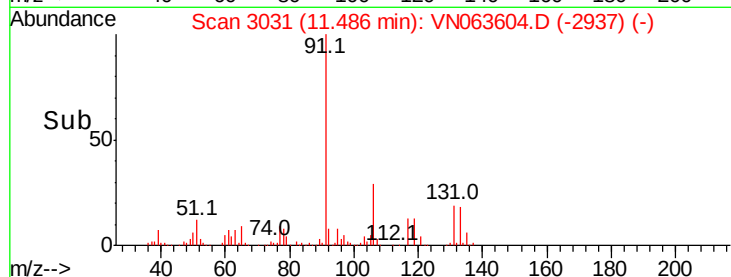
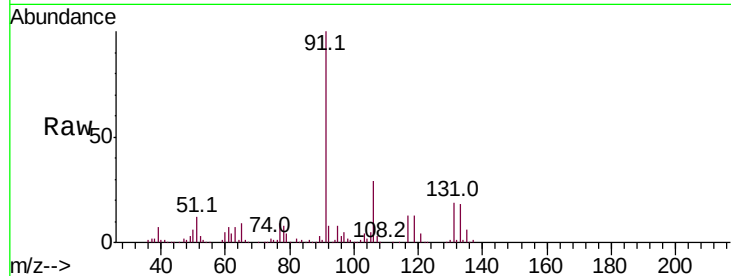
RE131D1-20200916MS

Tot Ion: 91 Resp: 728402

Ion Ratio Lower Upper

91 100

106 29.5 23.8 35.6



#68

m/p-Xylenes

Concen: 101.265 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063604.D

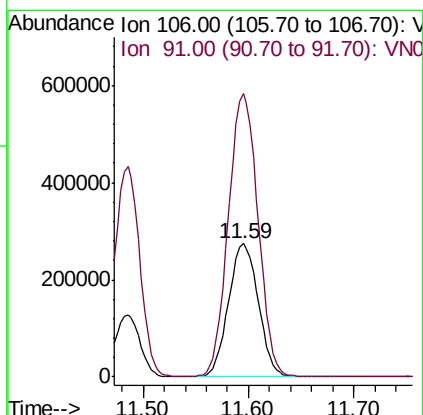
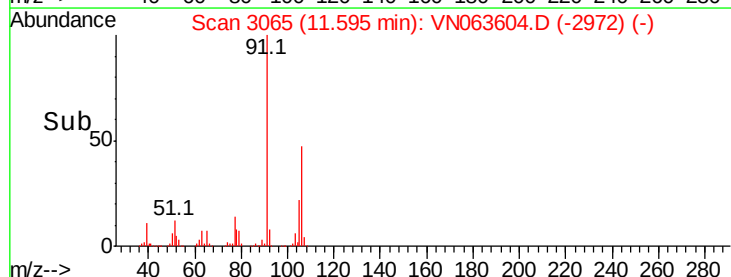
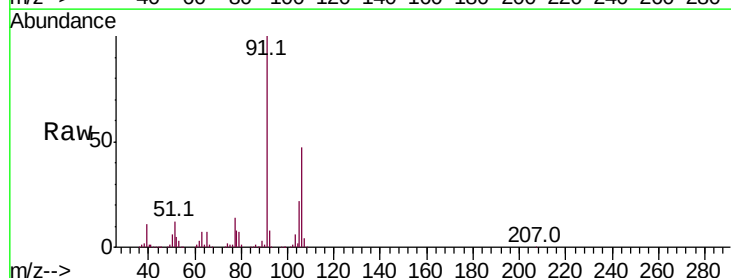
Acq: 23 Sep 2020 21:18

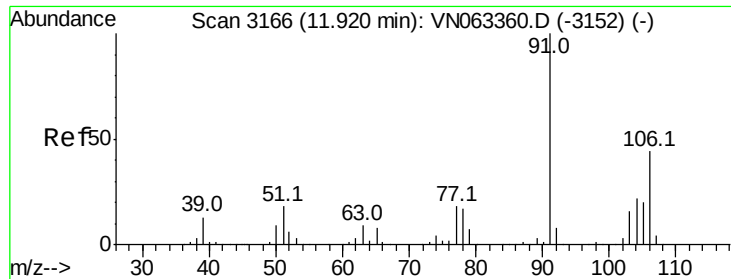
Tgt Ion: 106 Resp: 537404

Ion Ratio Lower Upper

106 100

91 211.4 171.2 256.8

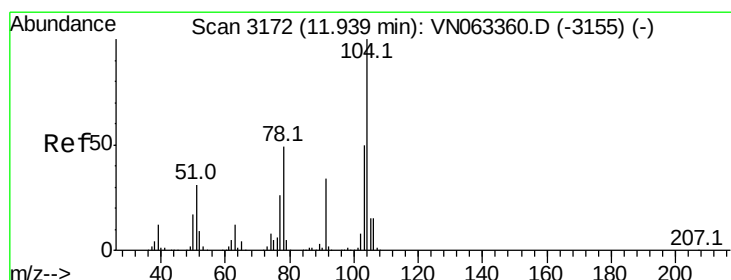
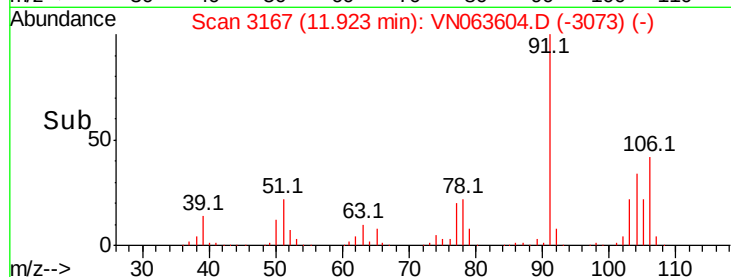
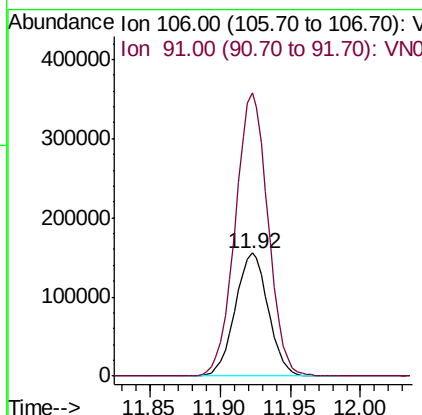
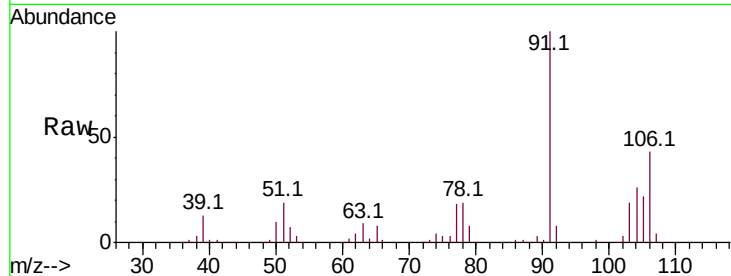




#69
o-Xylene
Concen: 50.464 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

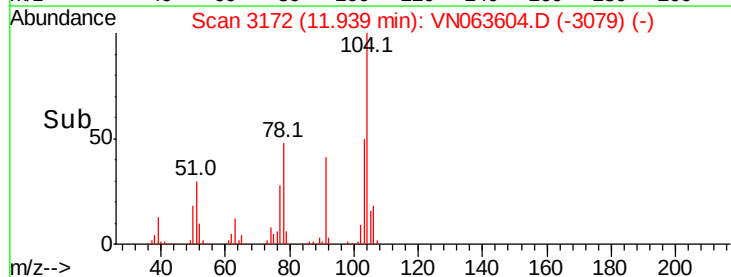
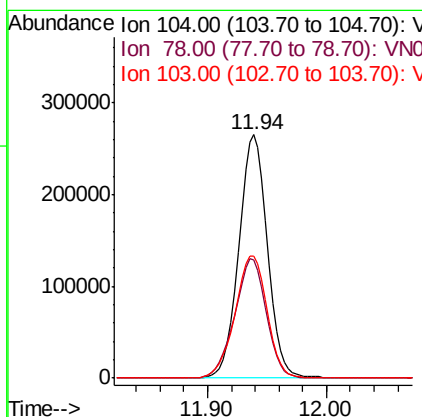
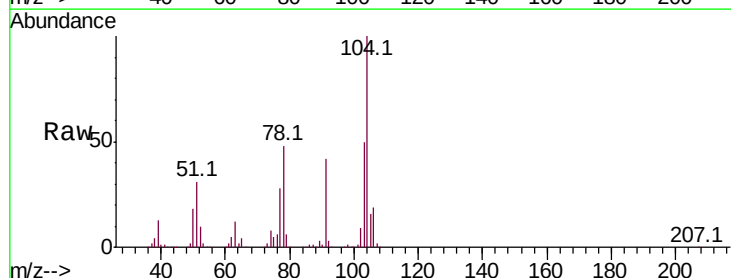
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

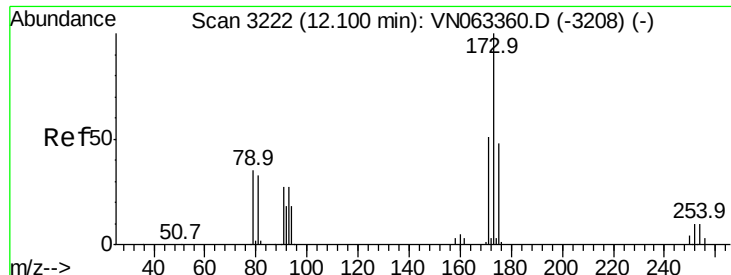
Tot Ion:106 Resp: 255117
Ion Ratio Lower Upper
106 100
91 228.6 113.6 340.8



#70
Styrene
Concen: 51.957 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion:104 Resp: 440482
Ion Ratio Lower Upper
104 100
78 54.4 44.4 66.6
103 56.6 43.7 65.5

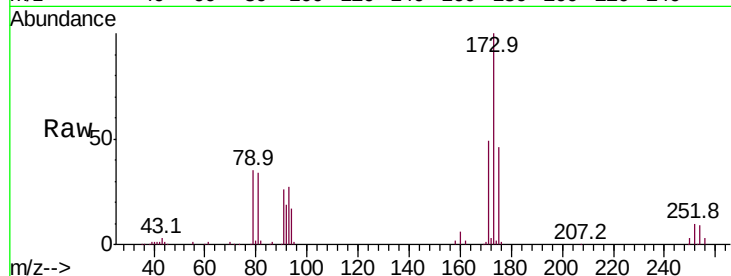




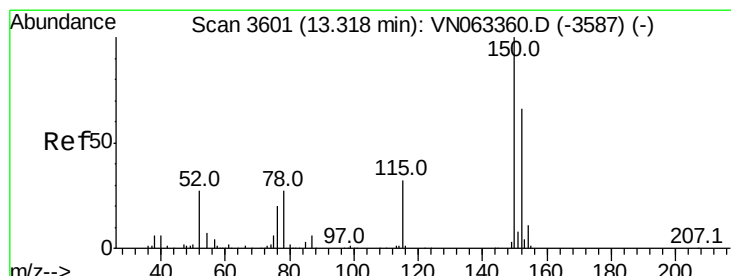
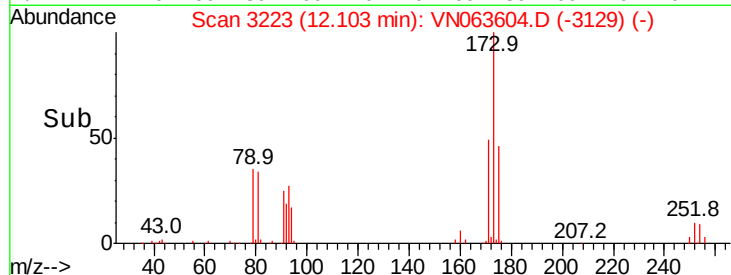
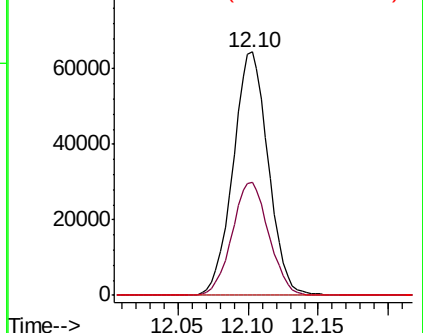
#71
Bromoform
Concen: 52.627 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion:173 Resp: 112325
Ion Ratio Lower Upper
173 100
175 48.3 24.0 72.0
254 0.0 0.0 0.0

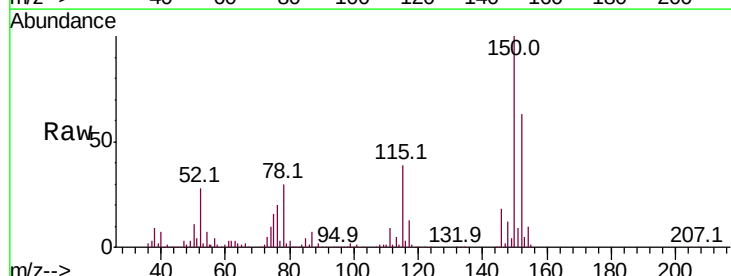


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

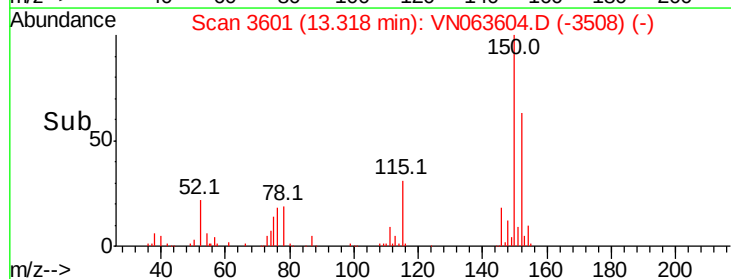
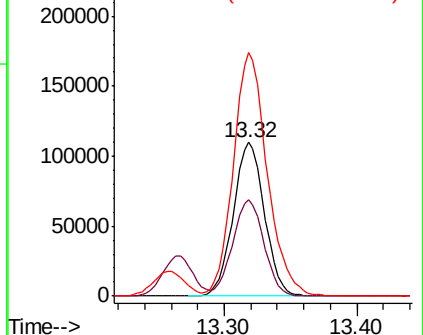


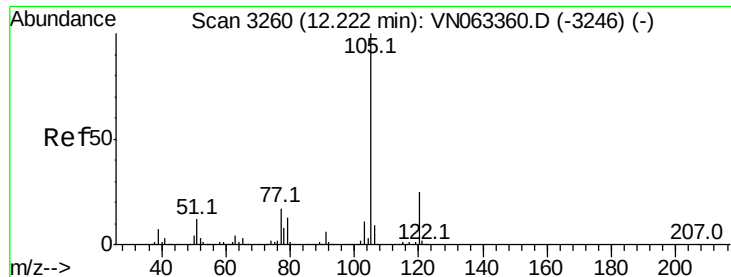
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion:152 Resp: 179231
Ion Ratio Lower Upper
152 100
115 62.9 32.2 96.6
150 171.1 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

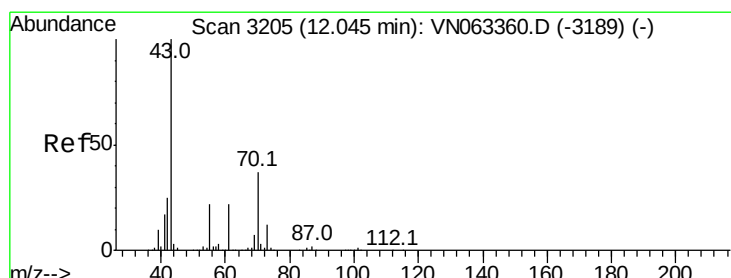
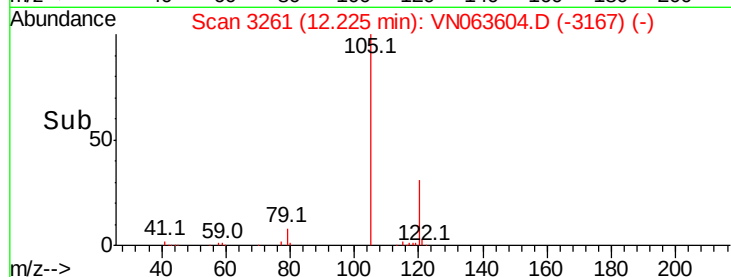
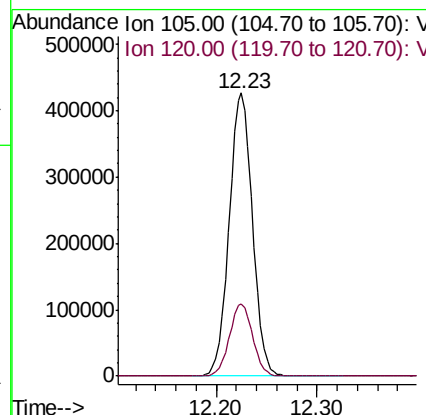
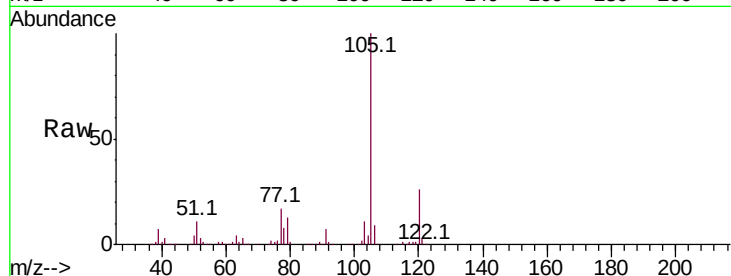




#73
Isopropylbenzene
Concen: 47.982 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

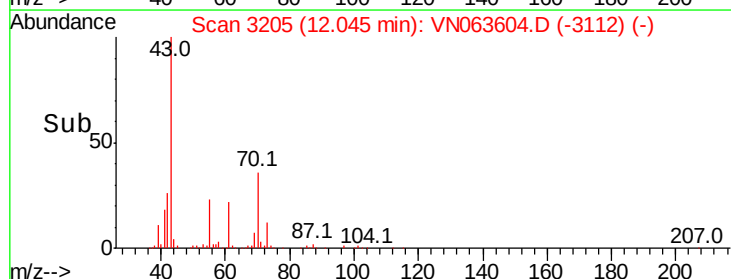
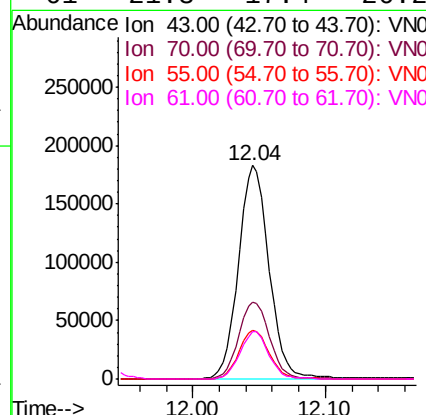
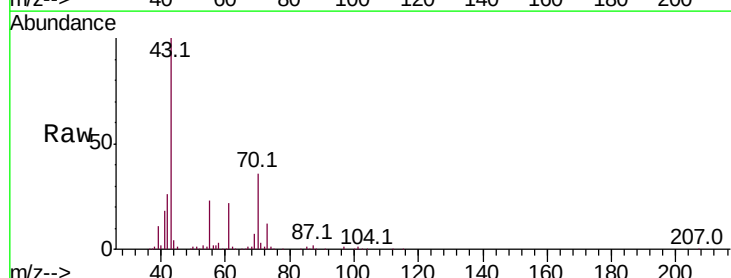
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

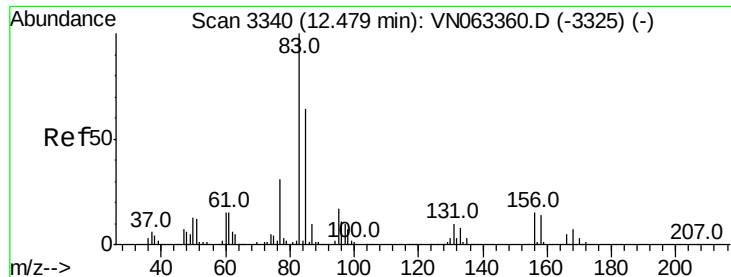
Tot Ion:105 Resp: 689145
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0



#74
N-ethyl acetate
Concen: 42.852 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion: 43 Resp: 291340
Ion Ratio Lower Upper
43 100
70 36.7 29.6 44.4
55 23.0 17.7 26.5
61 21.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.905 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

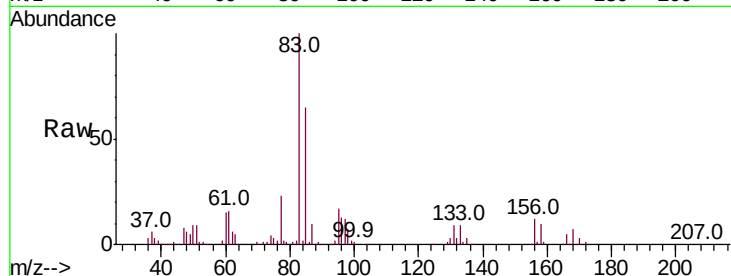
Tot Ion: 83 Resp: 221931

Ion Ratio Lower Upper

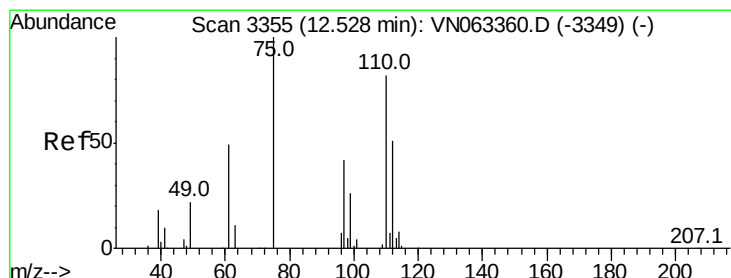
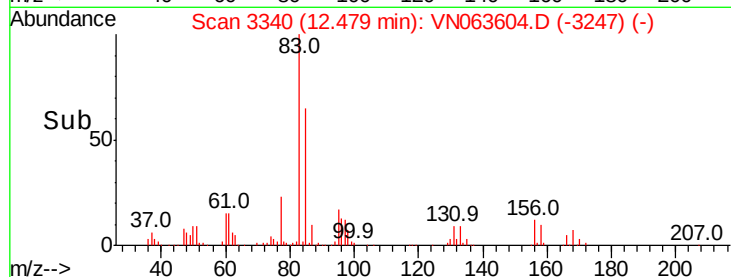
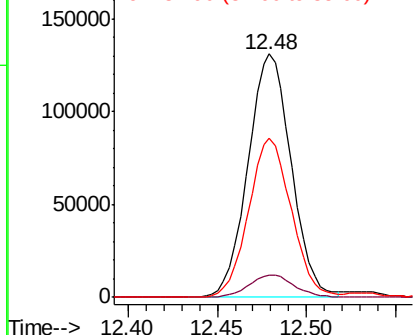
83 100

131 9.7 4.9 14.7

85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 67.376 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063604.D

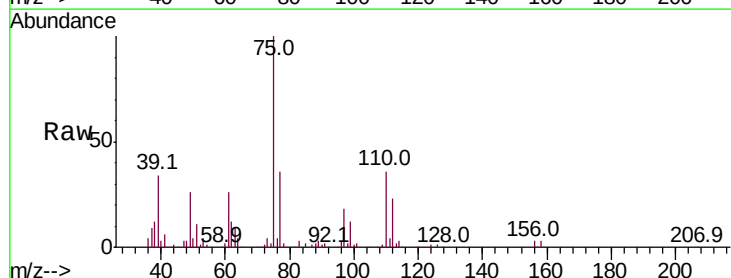
Acq: 23 Sep 2020 21:18

Tgt Ion: 75 Resp: 298895

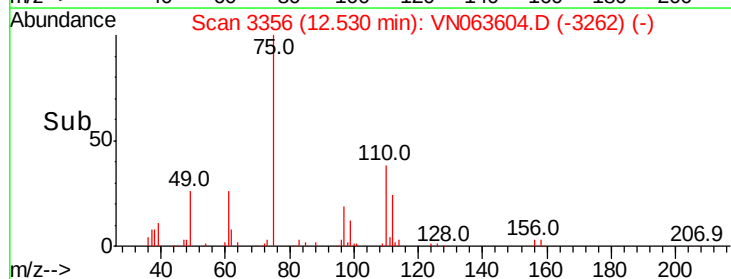
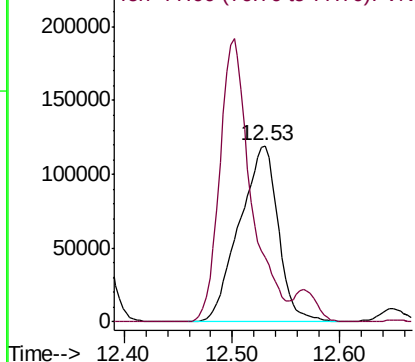
Ion Ratio Lower Upper

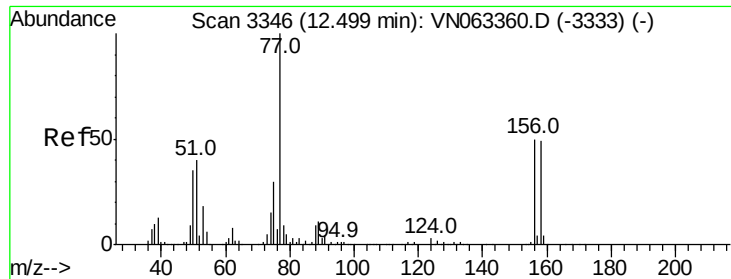
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 51.432 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

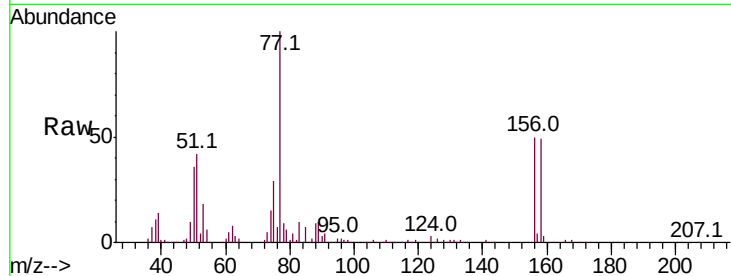
Tot Ion:156 Resp: 166164

Ion Ratio Lower Upper

156 100

77 233.8 120.2 360.6

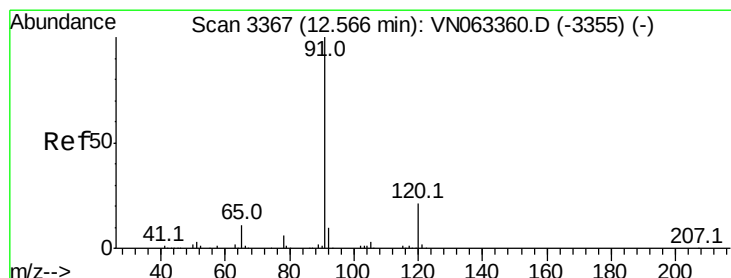
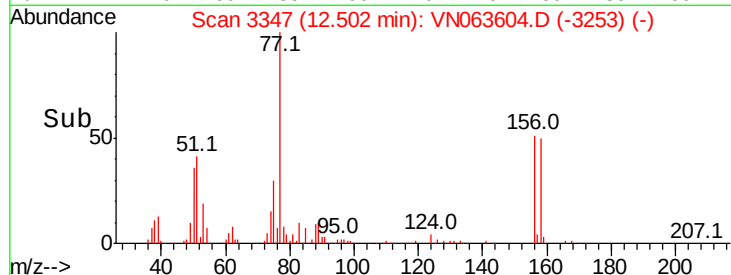
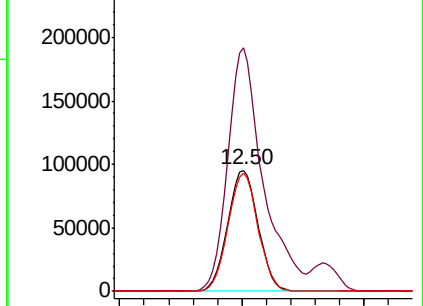
158 96.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.432 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063604.D

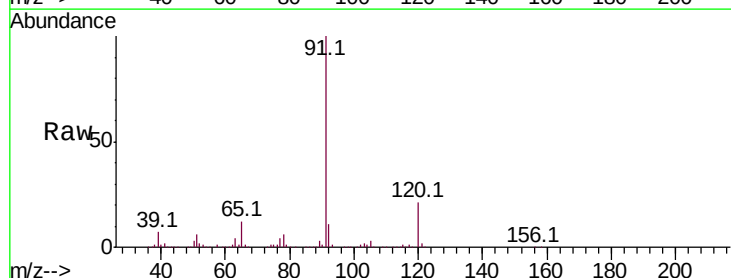
Acq: 23 Sep 2020 21:18

Tgt Ion: 91 Resp: 810180

Ion Ratio Lower Upper

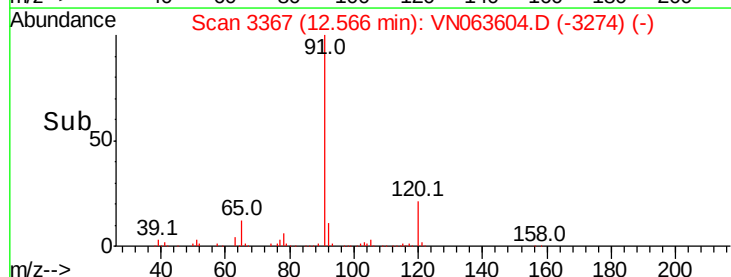
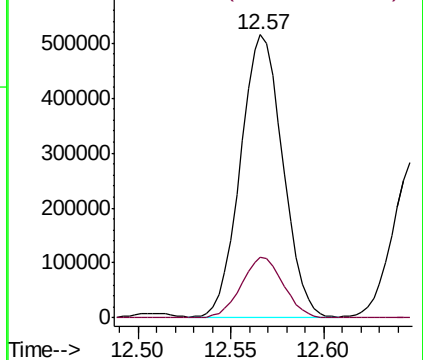
91 100

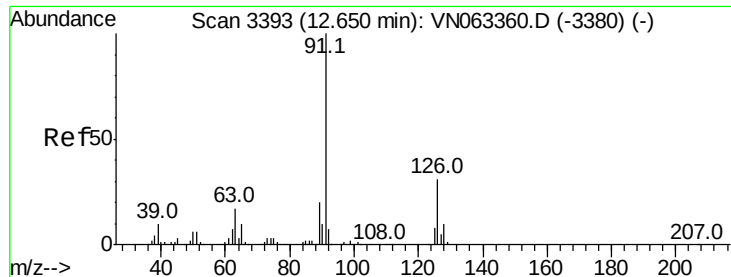
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

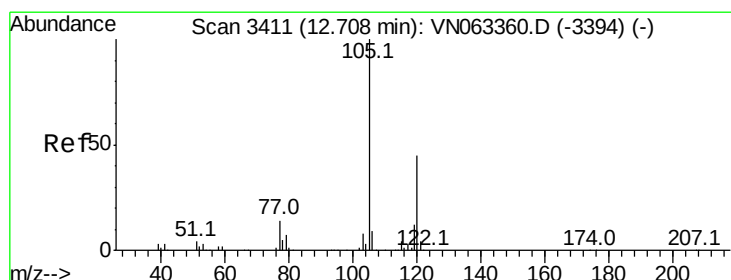
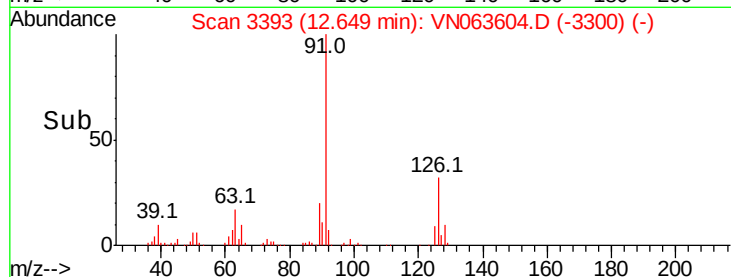
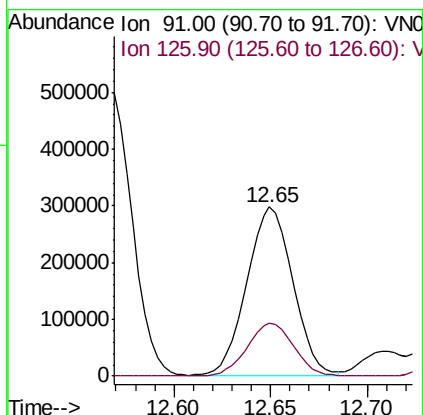
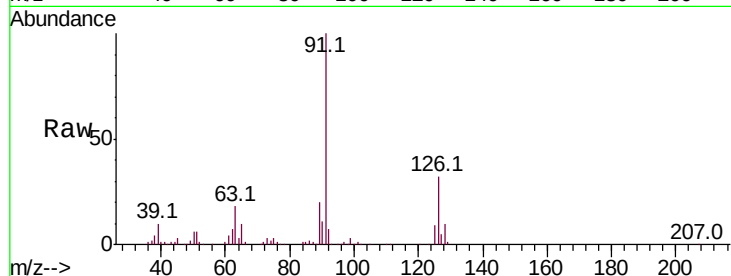




#79
 2-Chlorotoluene
 Concen: 49.041 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

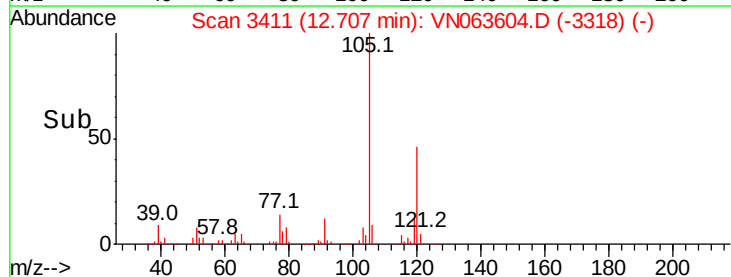
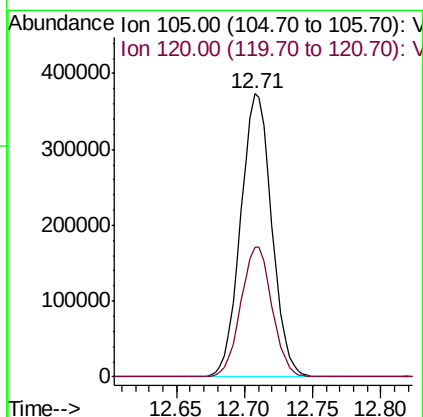
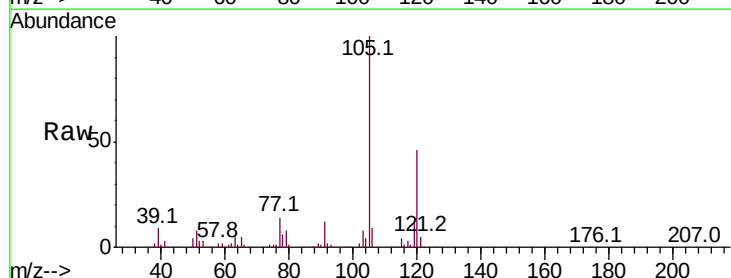
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

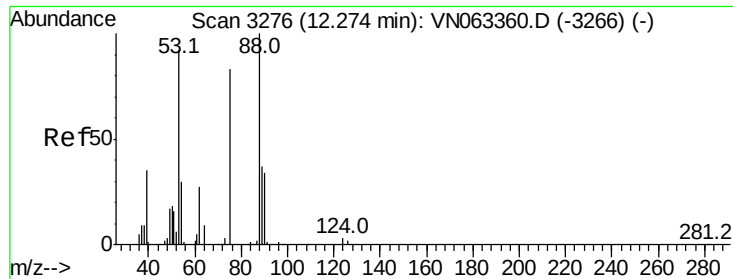
Tot Ion: 91 Resp: 491777
 Ion Ratio Lower Upper
 91 100
 126 31.9 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 49.359 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion: 105 Resp: 591155
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.600 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

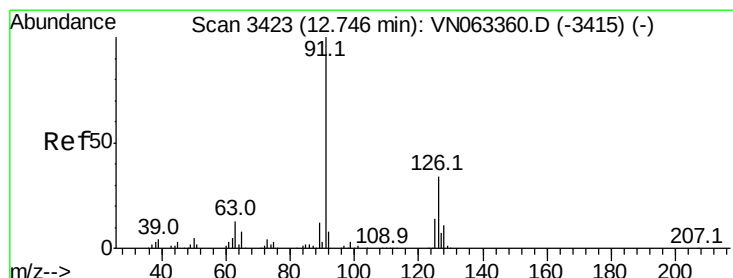
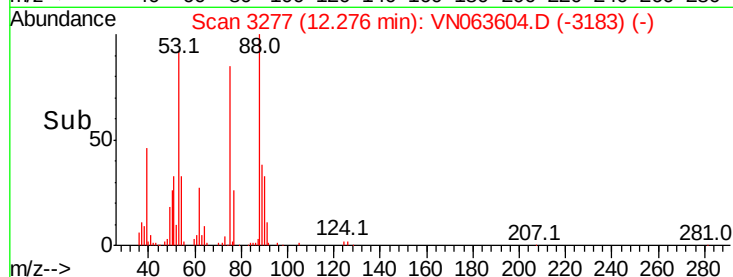
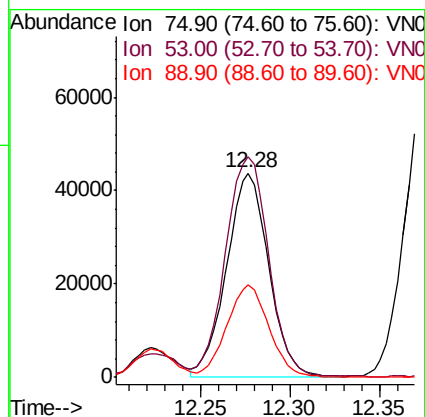
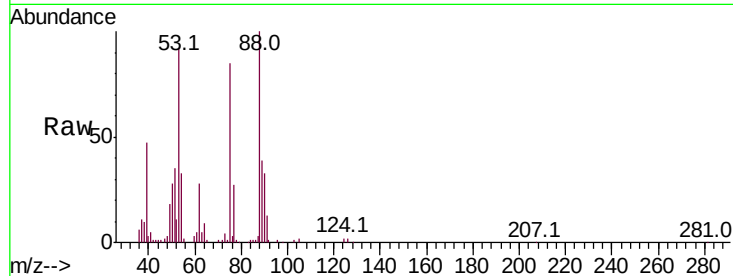
Tot Ion: 75 Resp: 72167

Ion Ratio Lower Upper

75 100

53 111.3 85.7 128.5

89 45.1 38.0 57.0



#82

4-Chlorotoluene

Concen: 48.932 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063604.D

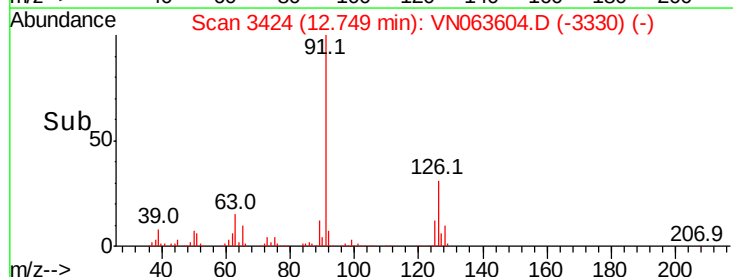
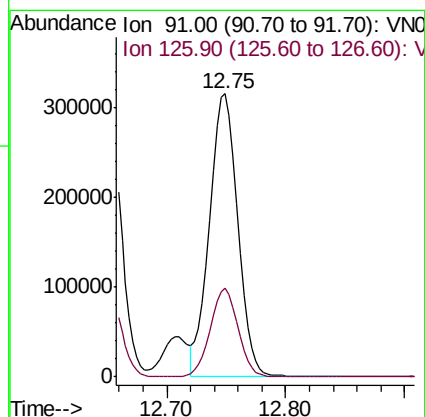
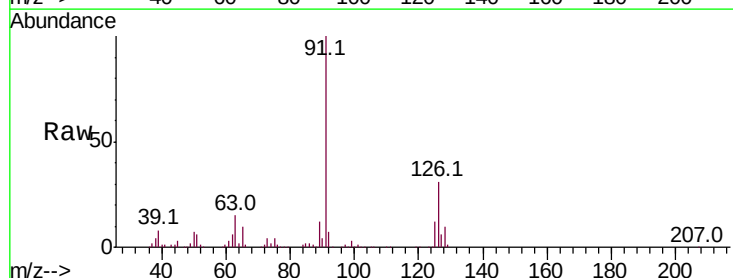
Acq: 23 Sep 2020 21:18

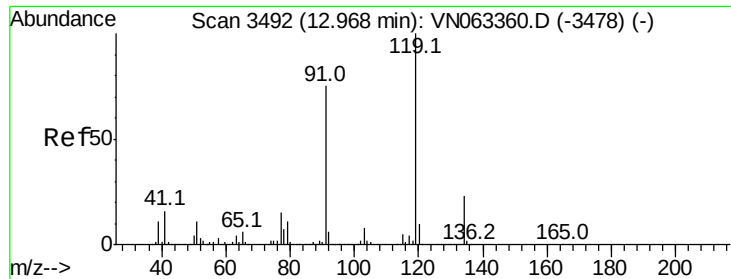
Tgt Ion: 91 Resp: 518440

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5





#83

tert-Butylbenzene

Concen: 48.064 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

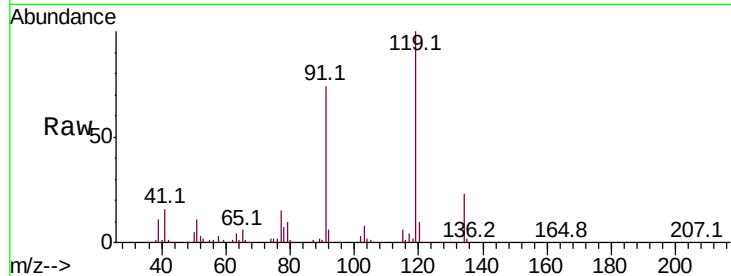
Tot Ion:119 Resp: 475098

Ion Ratio Lower Upper

119 100

91 71.6 36.3 108.9

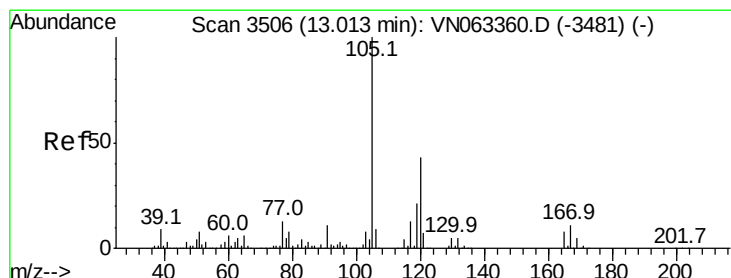
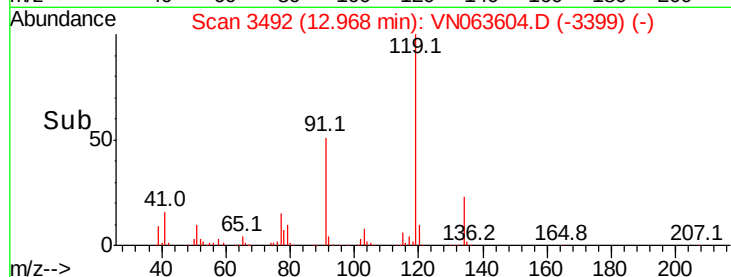
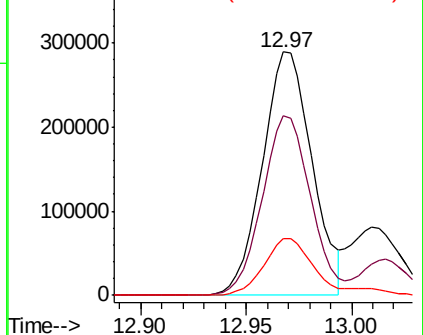
134 22.6 12.3 36.8



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: 48.710 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063604.D

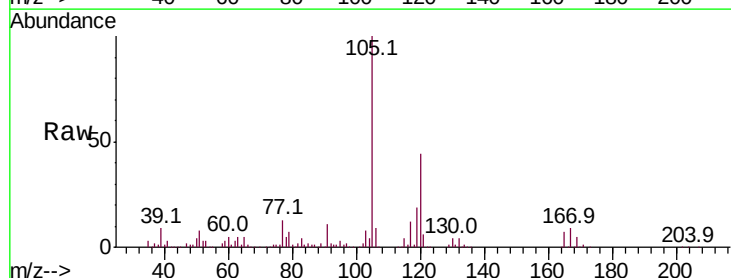
Acq: 23 Sep 2020 21:18

Tgt Ion:105 Resp: 589260

Ion Ratio Lower Upper

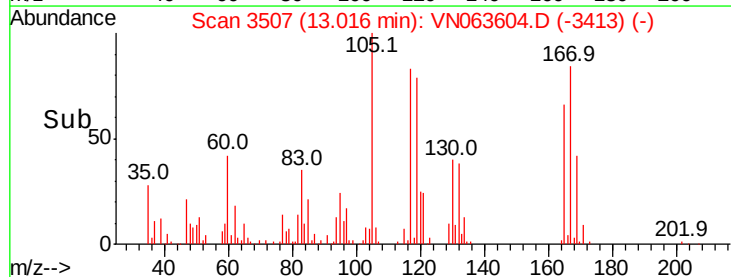
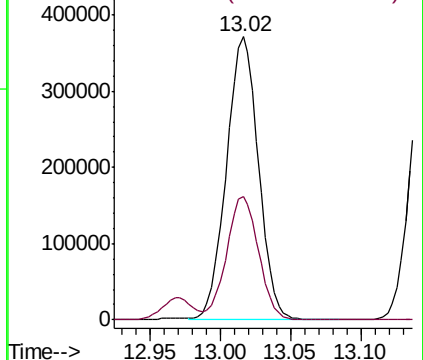
105 100

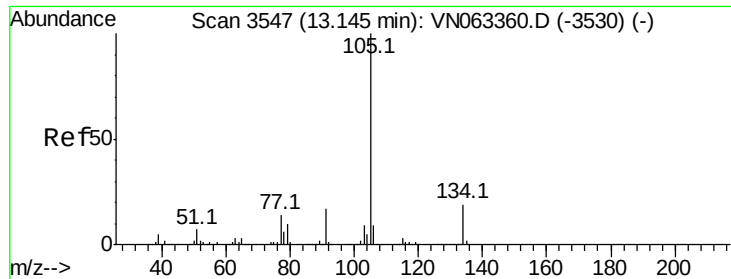
120 43.6 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.519 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

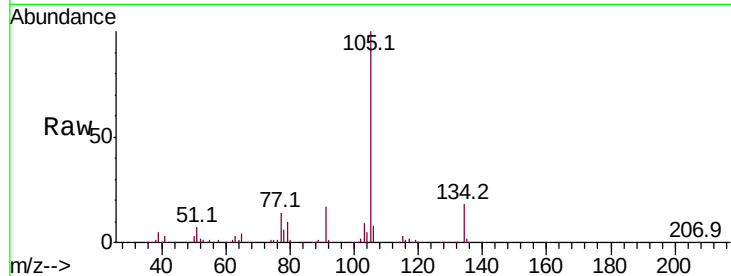
RE131D1-20200916MS

Tot Ion:105 Resp: 628738

Ion Ratio Lower Upper

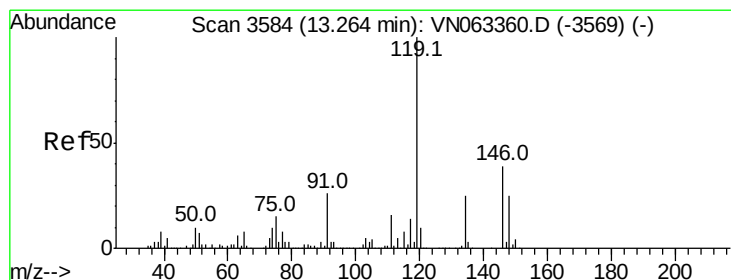
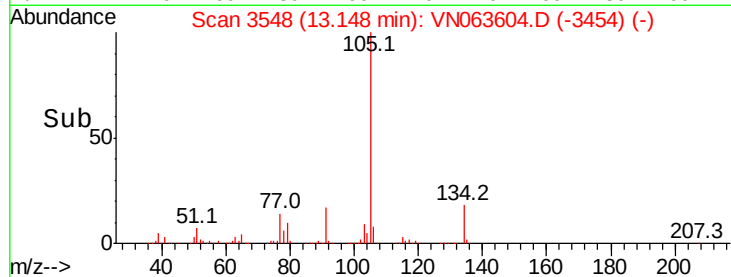
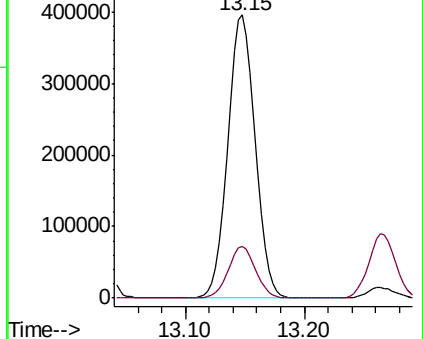
105 100

134 18.2 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.763 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

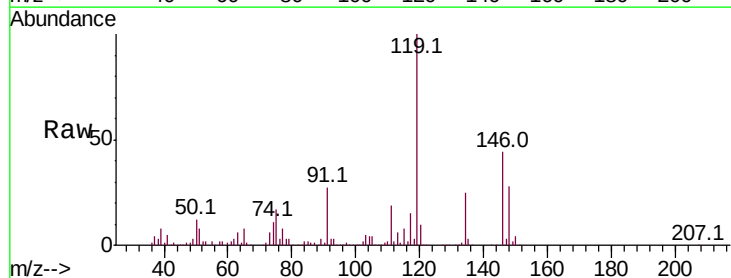
Tgt Ion:119 Resp: 557410

Ion Ratio Lower Upper

119 100

134 25.2 12.5 37.5

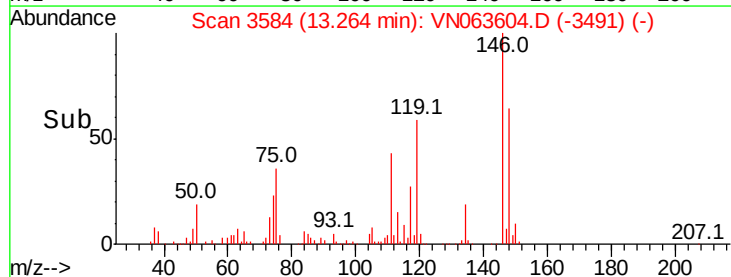
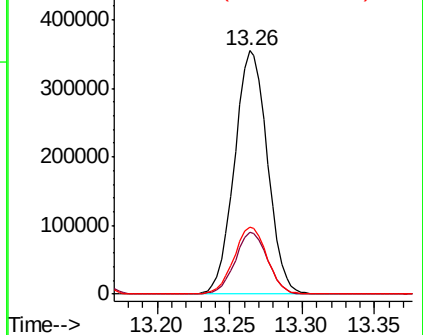
91 27.4 13.4 40.1

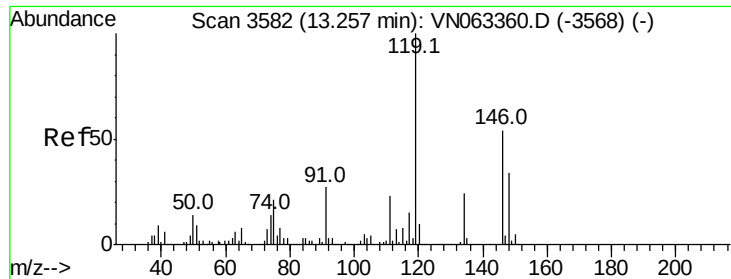


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.291 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

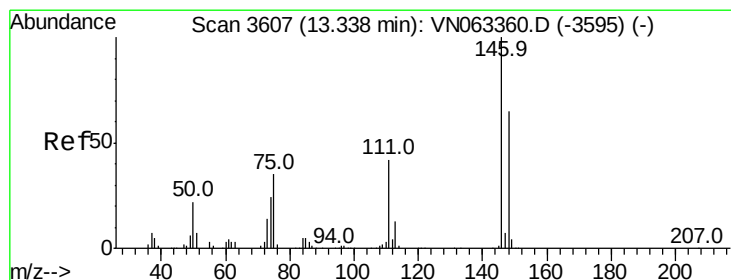
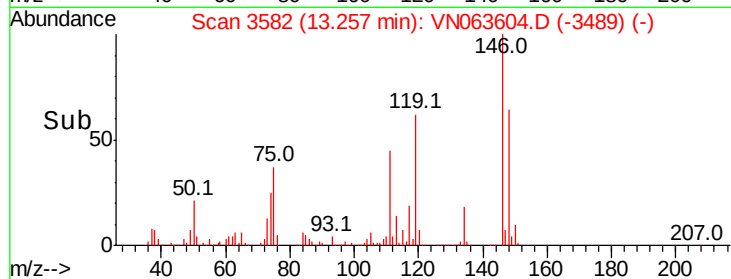
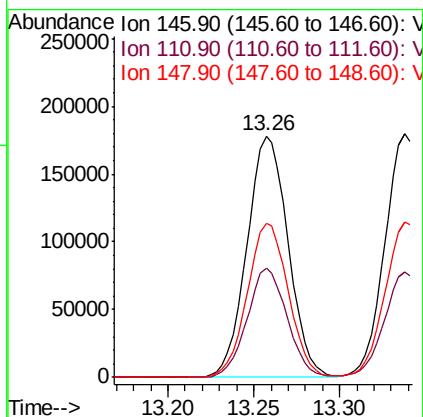
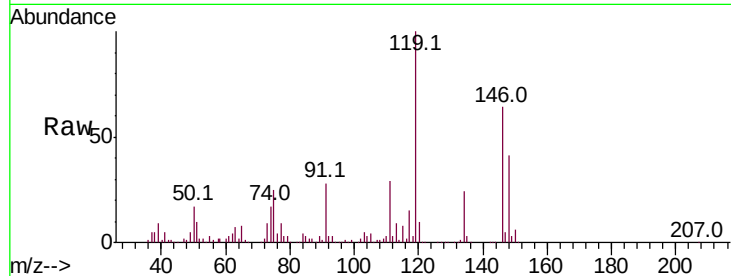
Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion:146 Resp: 295160

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.4	64.3
148	63.6	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 49.052 ug/l

RT: 13.34 min Scan# 3607

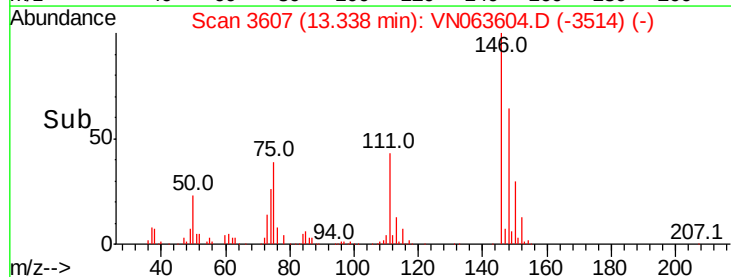
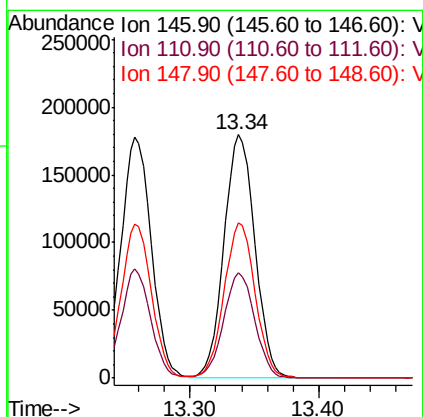
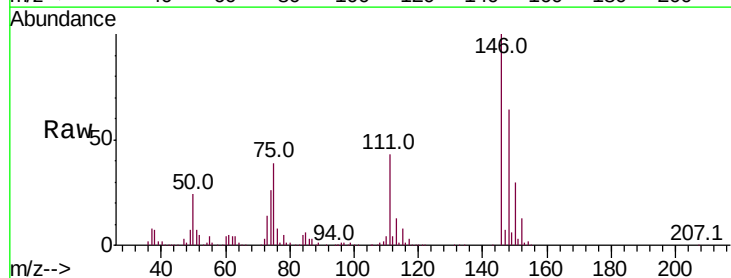
Delta R.T. -0.00 min

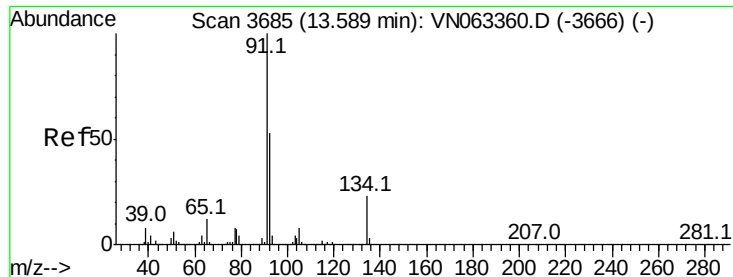
Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Tgt Ion:146 Resp: 298634

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.2	63.6
148	64.2	31.9	95.9





#89

n-Butylbenzene

Concen: 44.974 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

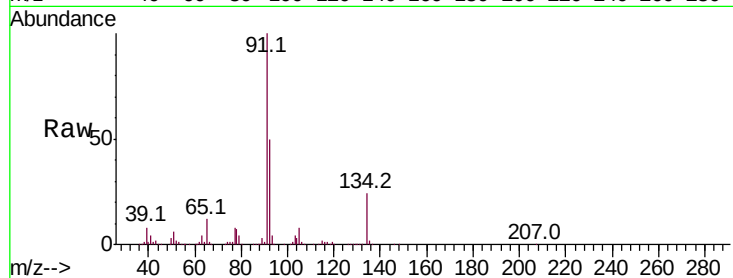
Tot Ion: 91 Resp: 483785

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

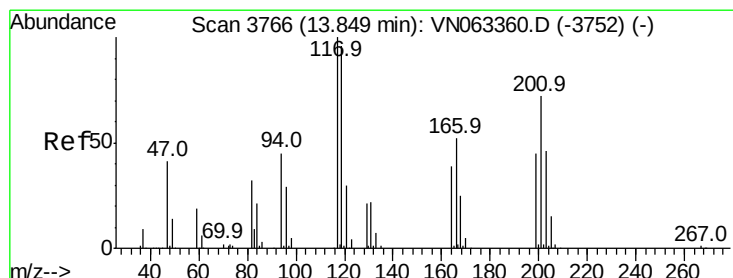
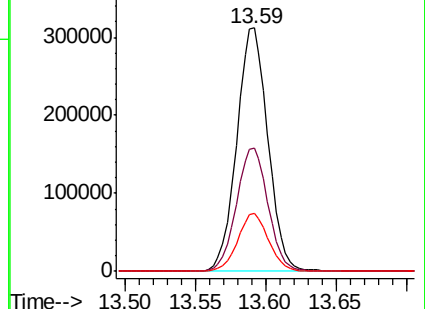
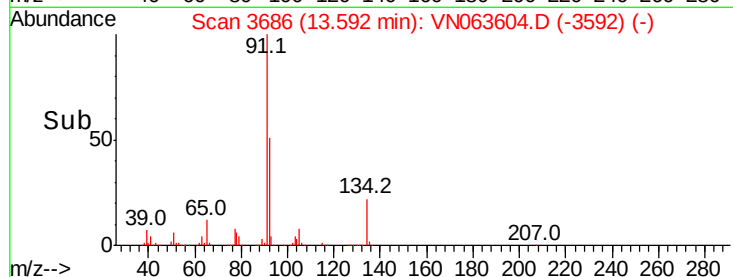
134 23.4 11.7 35.0



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: 45.283 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063604.D

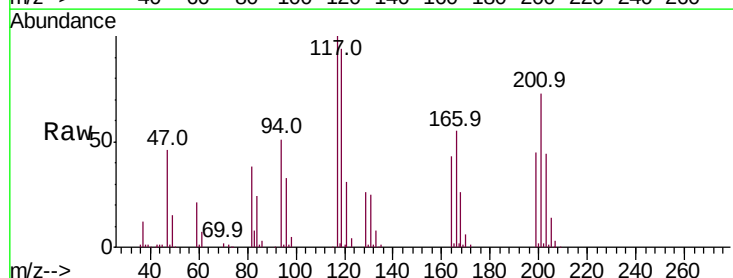
Acq: 23 Sep 2020 21:18

Tgt Ion: 117 Resp: 100627

Ion Ratio Lower Upper

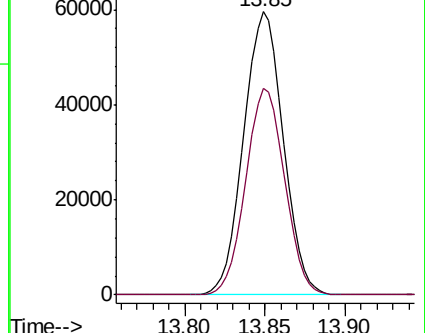
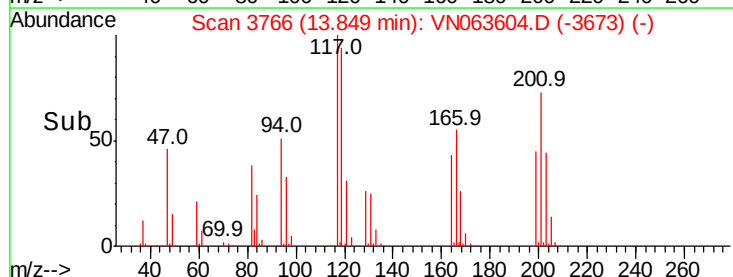
117 100

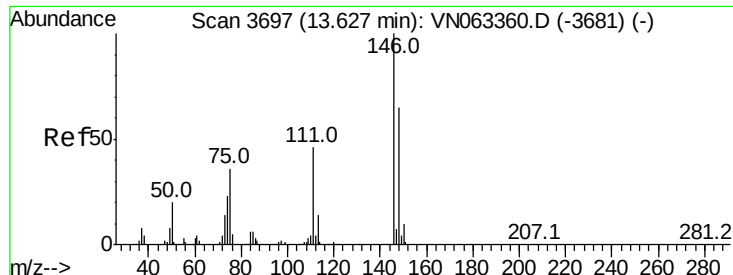
201 71.5 35.5 106.7



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

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

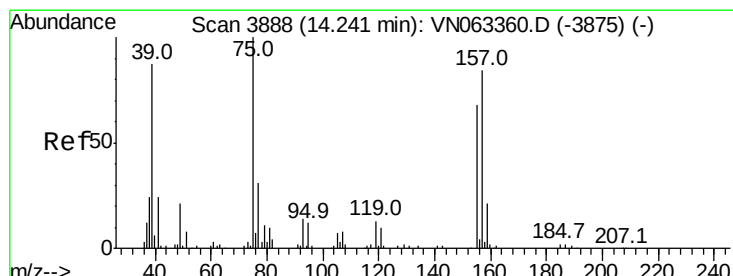
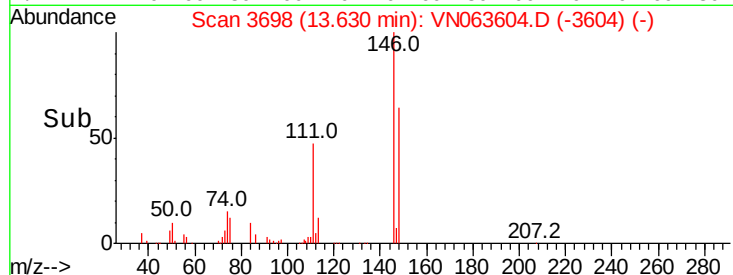
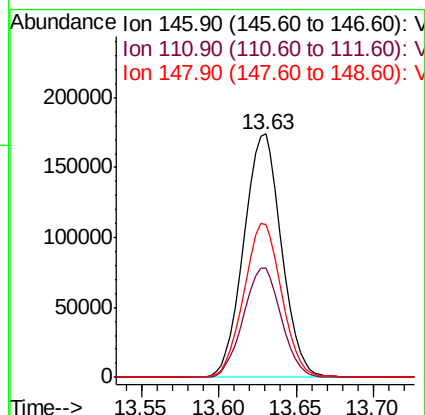
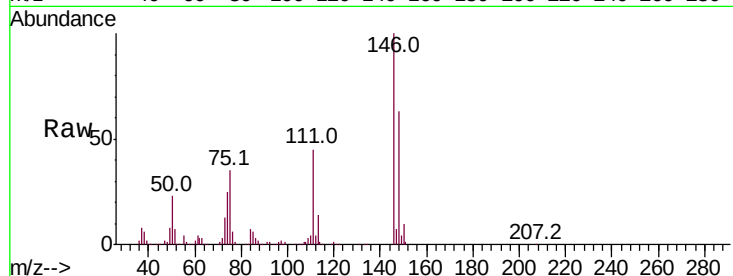




#91
 1,2-Dichlorobenzene
 Concen: 50.350 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

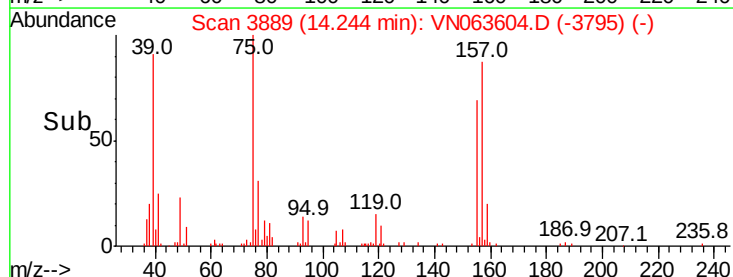
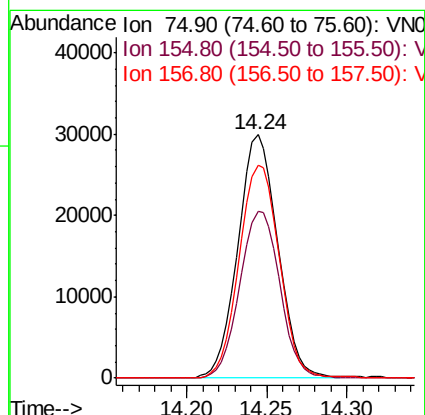
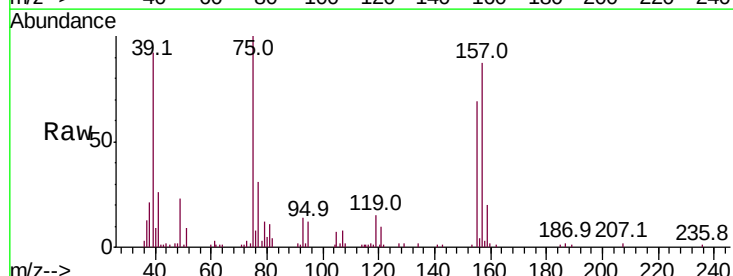
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

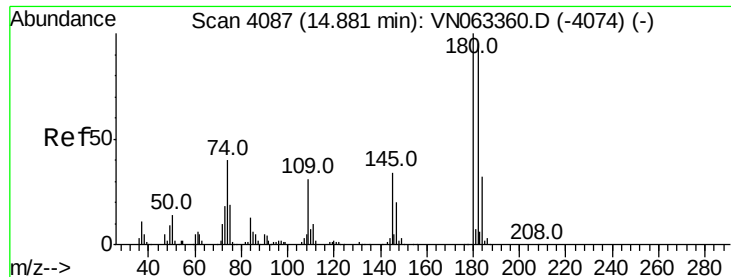
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.4	67.2
148	63.4	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.083 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.8	34.6	103.9
157	87.8	43.7	131.1

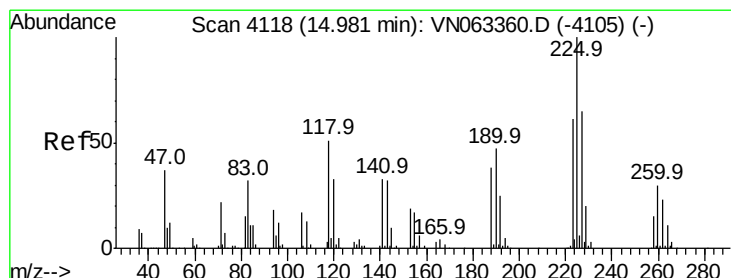
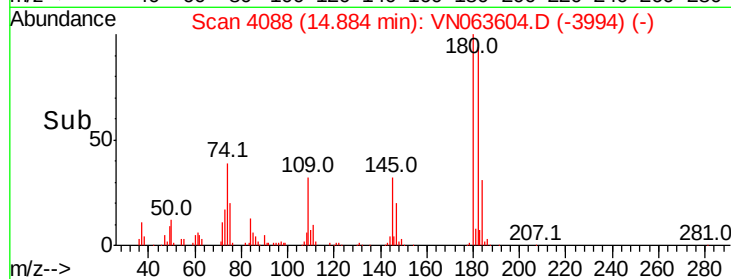
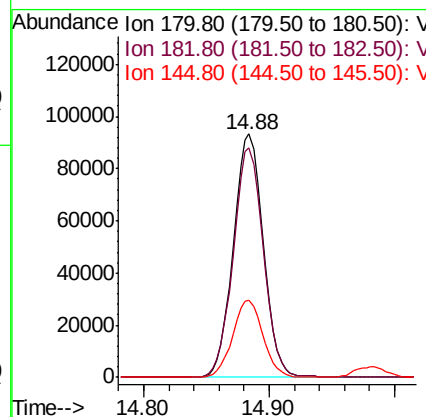
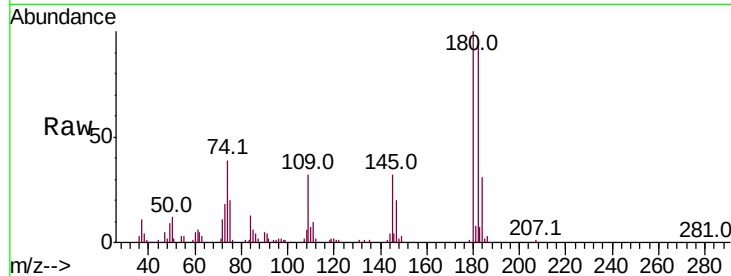




#93
 1,2,4-Trichlorobenzene
 Concen: 44.605 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

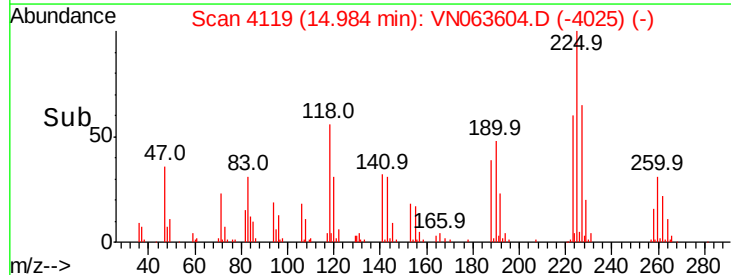
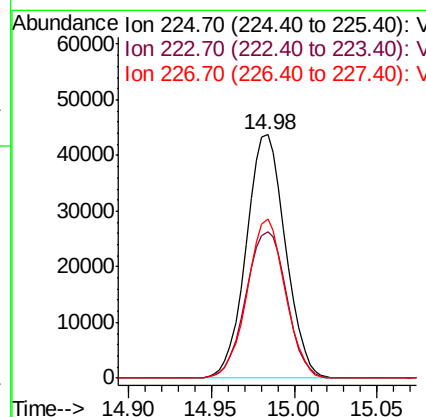
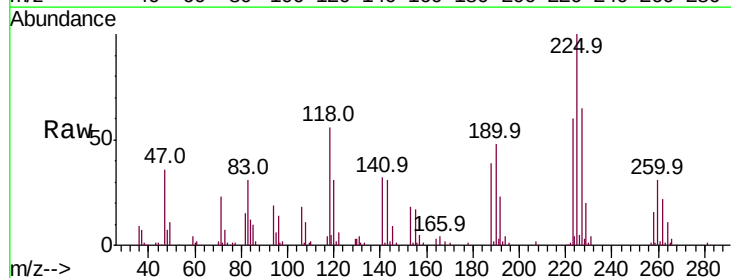
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

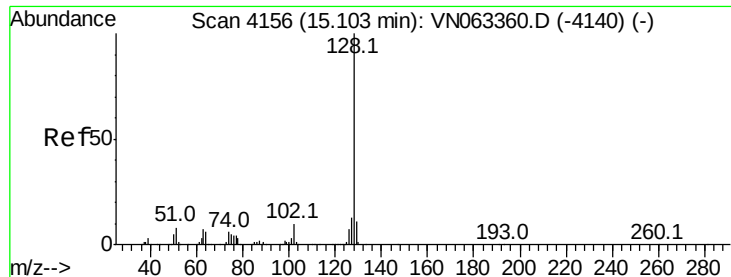
Tot Ion:180 Resp: 154595
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 142.0
 145 32.1 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 50.241 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion:225 Resp: 72087
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.6 91.6
 227 63.4 31.2 93.6





#95

Naphthalene

Concen: 44.435 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

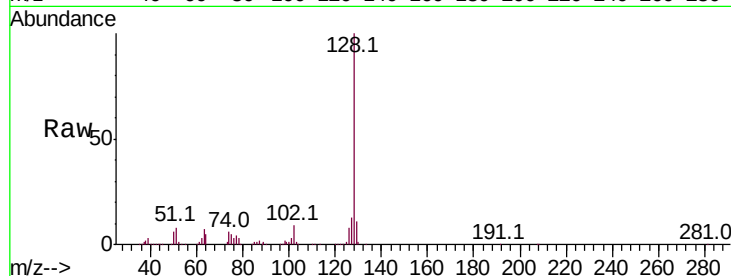
Tot Ion:128 Resp: 508801

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

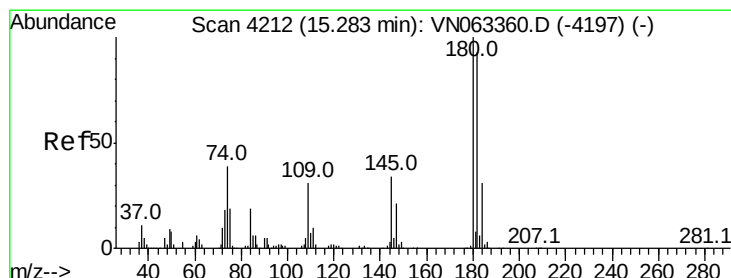
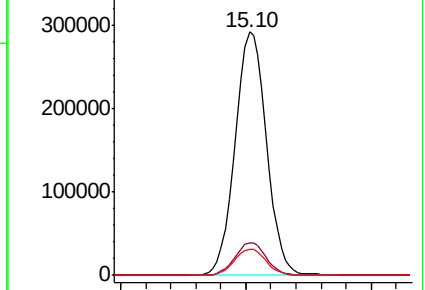
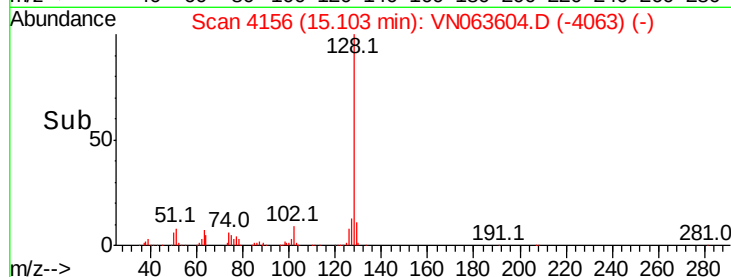
129 10.9 8.8 13.2



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: 45.261 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

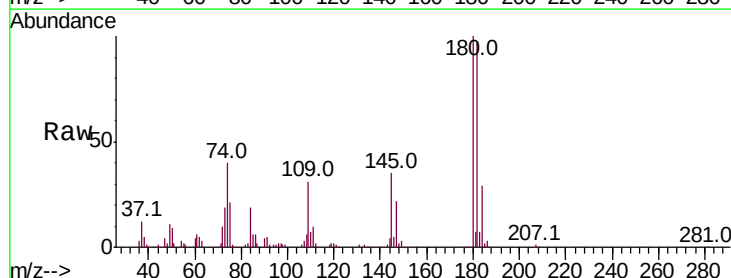
Tgt Ion:180 Resp: 151570

Ion Ratio Lower Upper

180 100

182 96.0 46.7 140.1

145 34.9 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

