

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063135.D
 Acq On : 26 Aug 2020 16:11
 Operator : JC/MD
 Sample : VN0826MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Quant Time: Aug 27 00:53:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	220419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	334906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	311013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149605	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	139073	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	
35) Dibromofluoromethane	7.55	113	118060	54.10	ug/l	0.00
Spiked Amount			Recovery	=	108.20%	
50) Toluene-d8	10.06	98	448559	53.51	ug/l	0.00
Spiked Amount			Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.38	95	159716	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	53556	18.771	ug/l	98
3) Chloromethane	2.04	50	56947	18.843	ug/l	100
4) Vinyl Chloride	2.17	62	57104	19.538	ug/l	98
5) Bromomethane	2.54	94	32885	18.956	ug/l	99
6) Chloroethane	2.68	64	34398	19.933	ug/l	98
7) Trichlorofluoromethane	2.99	101	71736	19.681	ug/l	98
8) Diethyl Ether	3.38	74	24187	18.758	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	37029	18.853	ug/l	97
10) Methyl Iodide	3.91	142	46371	18.627	ug/l	98
11) Tert butyl alcohol	4.73	59	31774	85.868	ug/l #	91
12) 1,1-Dichloroethene	3.70	96	32902	17.585	ug/l	97
13) Acrolein	3.57	56	536	4.624	ug/l #	81
14) Allyl chloride	4.28	41	61198	18.551	ug/l	97
15) Acrylonitrile	4.94	53	98667	90.720	ug/l	100
16) Acetone	3.78	43	75202	89.800	ug/l	99
17) Carbon Disulfide	4.02	76	78482	16.017	ug/l	100
18) Methyl Acetate	4.28	43	48126	18.538	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	131665	20.179	ug/l	98
20) Methylene Chloride	4.51	84	65736	27.952	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	36435	18.608	ug/l	97
22) Diisopropyl ether	5.90	45	156981	20.970	ug/l	98
23) Vinyl Acetate	5.85	43	466489	92.343	ug/l	99
24) 1,1-Dichloroethane	5.80	63	81617	19.510	ug/l	100
25) 2-Butanone	6.79	43	122436	88.279	ug/l	99
26) 2,2-Dichloropropane	6.78	77	68640	20.864	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	46729	19.040	ug/l	97
28) Bromochloromethane	7.15	49	47637	21.764	ug/l	98
29) Tetrahydrofuran	7.17	42	81997	91.605	ug/l	99
30) Chloroform	7.33	83	81367	19.313	ug/l	99
31) Cyclohexane	7.62	56	67106	17.429	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	67982	19.765	ug/l	98
36) 1,1-Dichloropropene	7.75	75	53352	18.077	ug/l	99
37) Ethyl Acetate	6.88	43	47072	17.021	ug/l	99
38) Carbon Tetrachloride	7.73	117	54873	18.416	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50740	13.898	ug/l	96
40) Benzene	8.00	78	177328	18.944	ug/l	99
41) Methacrylonitrile	7.13	41	26157	19.852	ug/l	94
42) 1,2-Dichloroethane	8.08	62	60109	19.124	ug/l	100
43) Isopropyl Acetate	8.13	43	85270	18.612	ug/l	100
44) Trichloroethene	8.80	130	44035	18.912	ug/l	98
45) 1,2-Dichloropropane	9.08	63	52252	19.311	ug/l	100
46) Dibromomethane	9.17	93	29316	18.755	ug/l	99
47) Bromodichloromethane	9.37	83	65812	19.223	ug/l	98
48) Methyl methacrylate	9.17	41	40285	18.584	ug/l	98
49) 1,4-Dioxane	9.17	88	14496	314.531	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	268416	92.687	ug/l	100
52) Toluene	10.13	92	108758	19.260	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	69879	19.738	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	78025	20.090	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	46006	19.054	ug/l	95
56) Ethyl methacrylate	10.40	69	63089	18.070	ug/l	96
57) 1,3-Dichloropropane	10.68	76	77455	19.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	154862	174.680	ug/l	99
59) 2-Hexanone	10.72	43	192738	95.416	ug/l	98
60) Dibromochloromethane	10.88	129	50029	18.723	ug/l	100
61) 1,2-Dibromoethane	10.98	107	43199	18.620	ug/l	99
64) Tetrachloroethene	10.60	164	43006	21.036	ug/l	96
65) Chlorobenzene	11.41	112	122266	19.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	47069	19.374	ug/l	98
67) Ethyl Benzene	11.48	91	204474	19.373	ug/l	100
68) m/p-Xylenes	11.60	106	153065	39.020	ug/l	99
69) o-Xylene	11.92	106	74371	19.743	ug/l	100
70) Styrene	11.94	104	135514	19.354	ug/l	98
71) Bromoform	12.10	173	37135	19.203	ug/l #	88
73) Isopropylbenzene	12.23	105	194986	19.032	ug/l	100
74) N-amyl acetate	12.05	43	77855	21.218	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	64508	18.450	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	82066	28.221	ug/l #	100
77) Bromobenzene	12.50	156	56500	20.052	ug/l	97
78) n-propylbenzene	12.57	91	213658	18.297	ug/l	99
79) 2-Chlorotoluene	12.65	91	137279	18.690	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	157286	18.572	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	21088	19.917	ug/l	95
82) 4-Chlorotoluene	12.75	91	146007	19.522	ug/l	99
83) tert-Butylbenzene	12.97	119	123022	16.830	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	163212	19.782	ug/l	100
85) sec-Butylbenzene	13.15	105	158560	16.050	ug/l	99
86) p-Isopropyltoluene	13.26	119	143235	16.640	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	94214	19.456	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	95976	19.528	ug/l	99
89) n-Butylbenzene	13.59	91	118636	16.507	ug/l	99
90) Hexachloroethane	13.85	117	26333	14.393	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	93956	20.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11550	22.385	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
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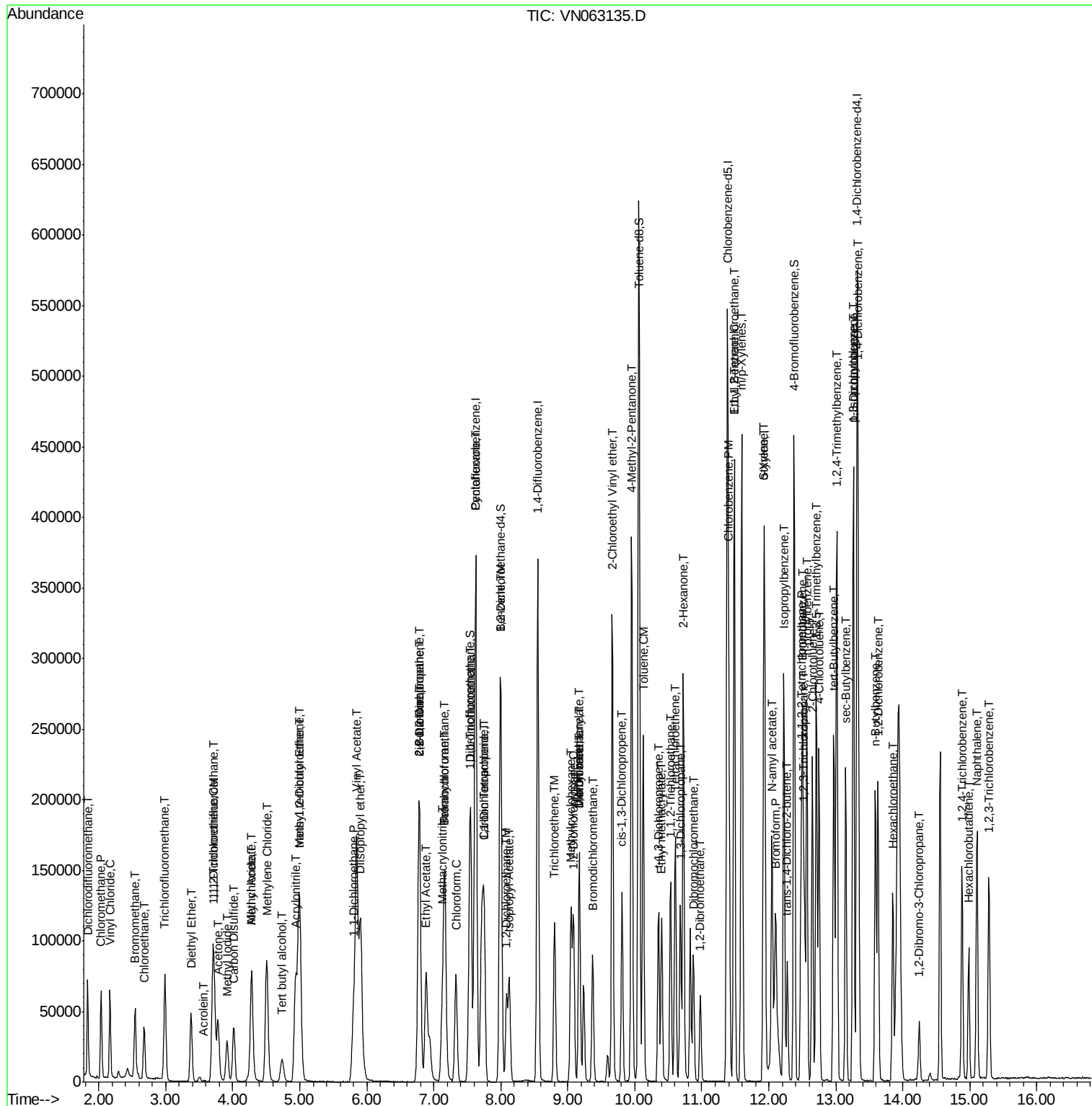
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	53441	23.283	ug/l	100
94) Hexachlorobutadiene	14.98	225	20006	11.574	ug/l	99
95) Naphthalene	15.11	128	155787	28.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	52289	22.906	ug/l	99

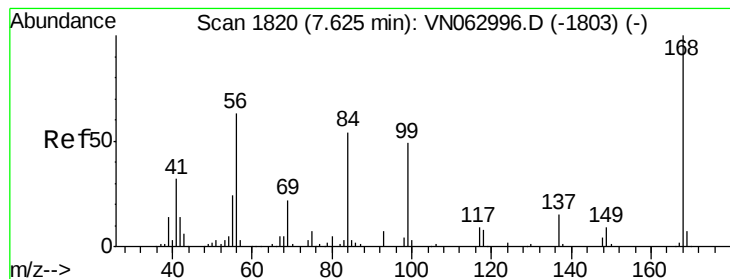
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

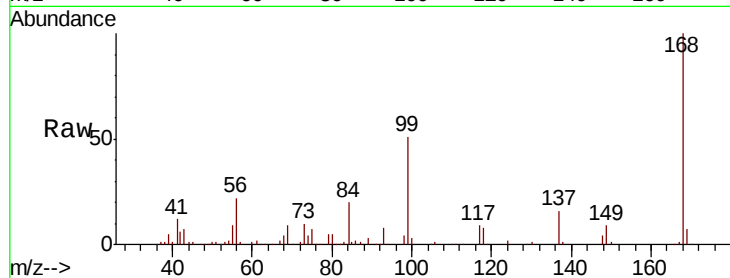
VN0826MBS01

Tot Ion:168 Resp: 220419

Ion Ratio Lower Upper

168 100

99 50.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

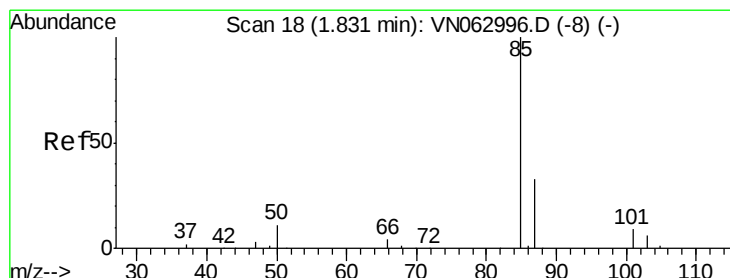
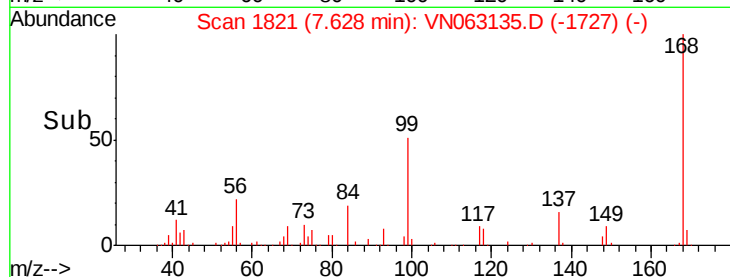
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.771 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN063135.D

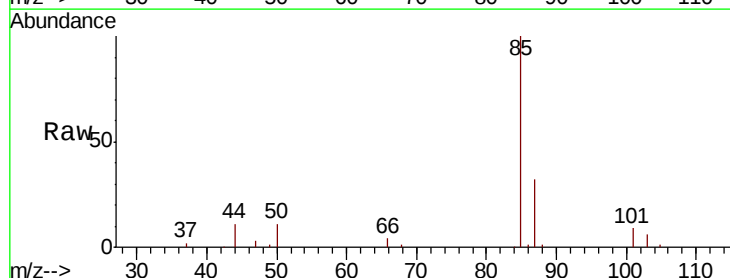
Acq: 26 Aug 2020 16:11

Tgt Ion: 85 Resp: 53556

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

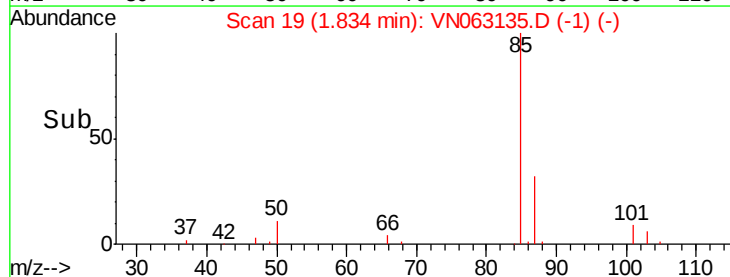
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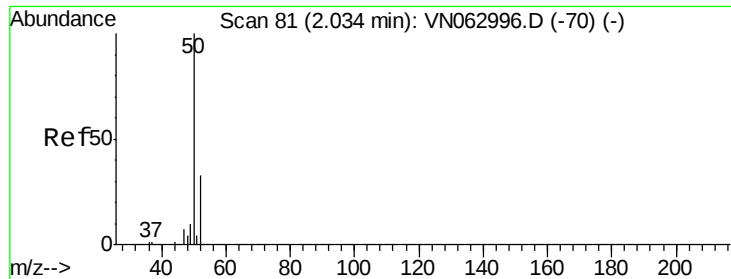
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.843 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

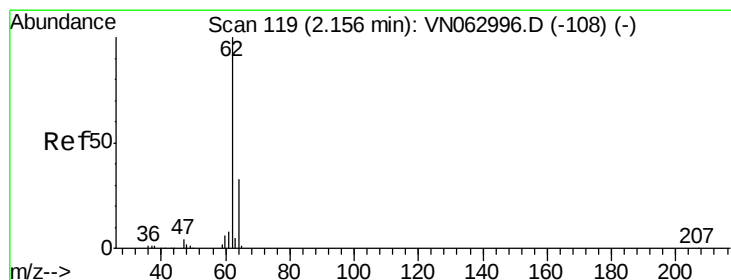
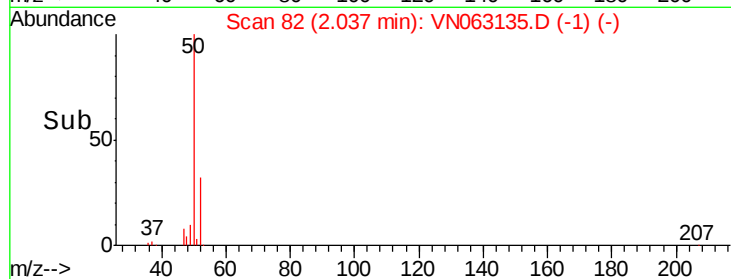
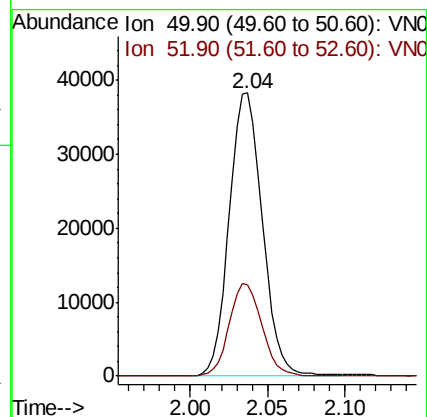
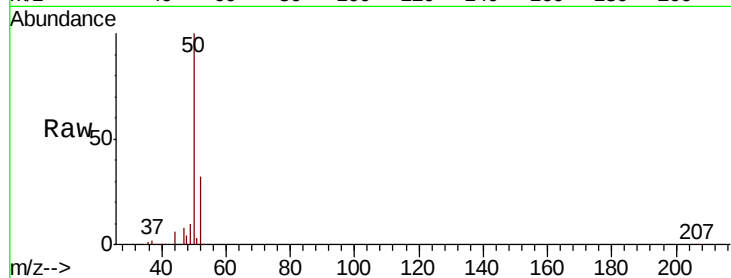
VN0826MBS01

Tot Ion: 50 Resp: 56947

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 19.538 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN063135.D

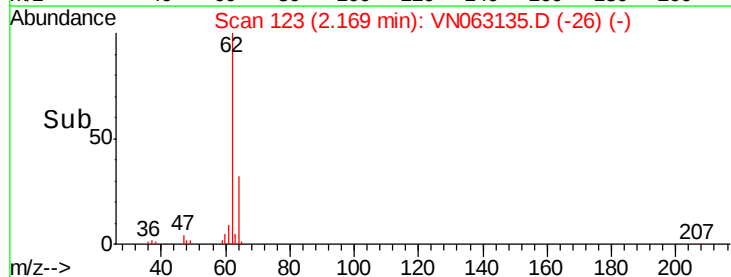
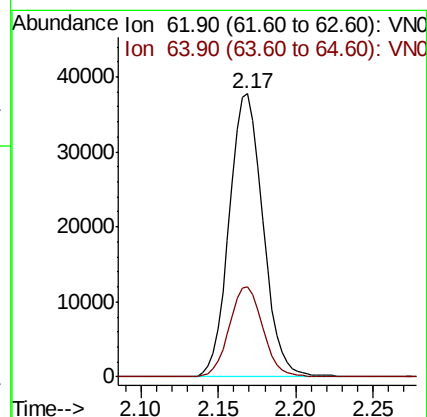
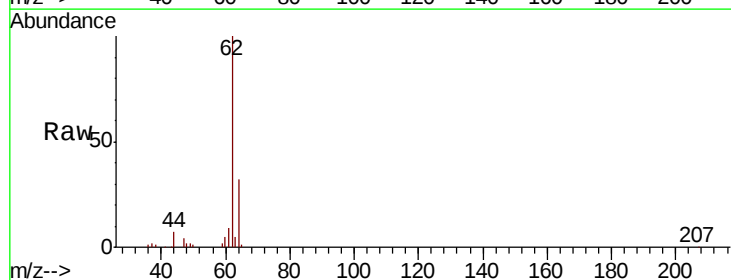
Acq: 26 Aug 2020 16:11

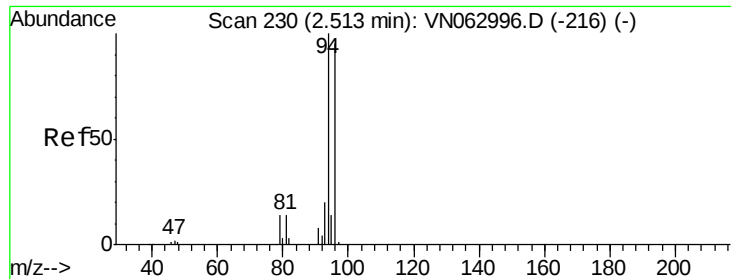
Tgt Ion: 62 Resp: 57104

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.2





#5

Bromomethane

Concen: 18.956 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.03 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

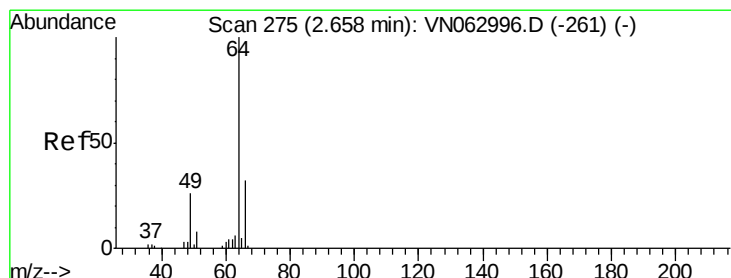
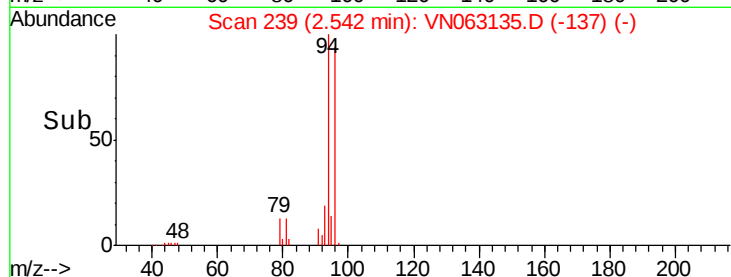
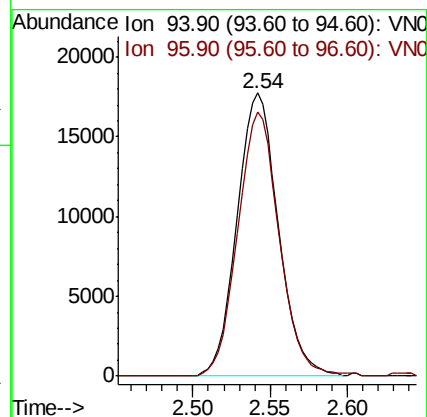
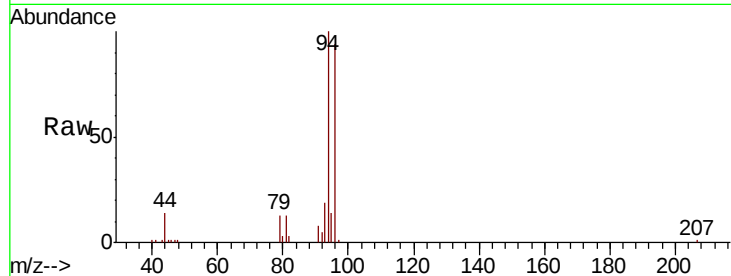
VN0826MBS01

Tot Ion: 94 Resp: 32885

Ion Ratio Lower Upper

94 100

96 93.5 75.8 113.8



#6

Chloroethane

Concen: 19.933 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.02 min

Lab File: VN063135.D

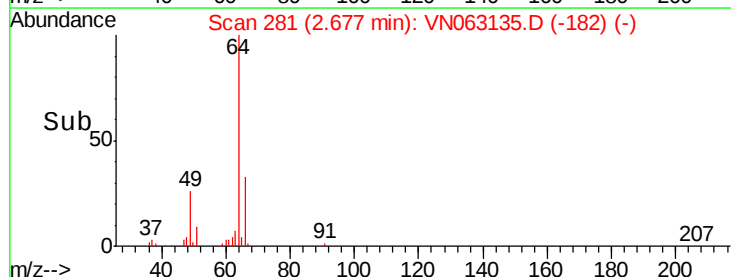
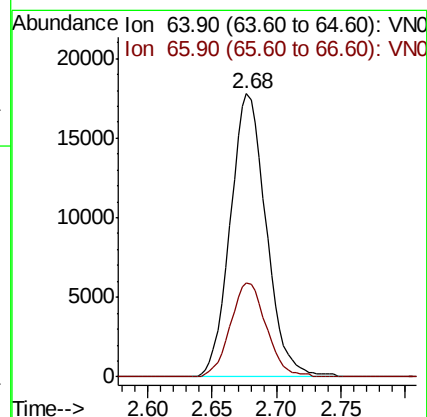
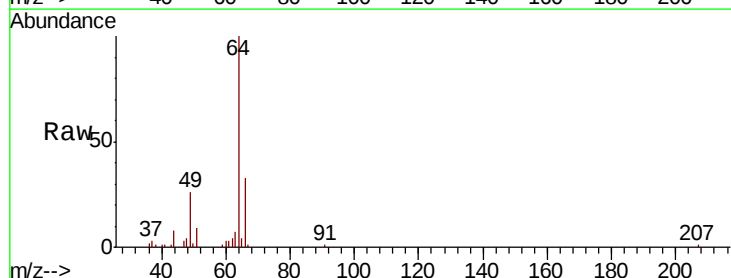
Acq: 26 Aug 2020 16:11

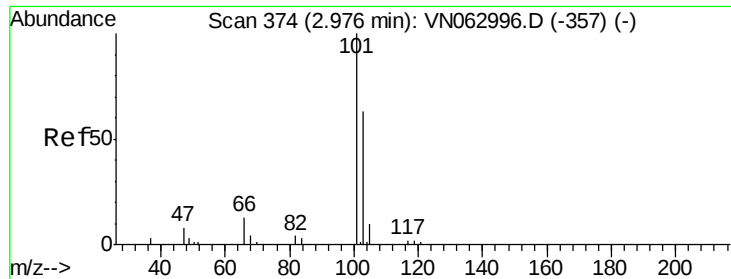
Tgt Ion: 64 Resp: 34398

Ion Ratio Lower Upper

64 100

66 33.0 25.4 38.0



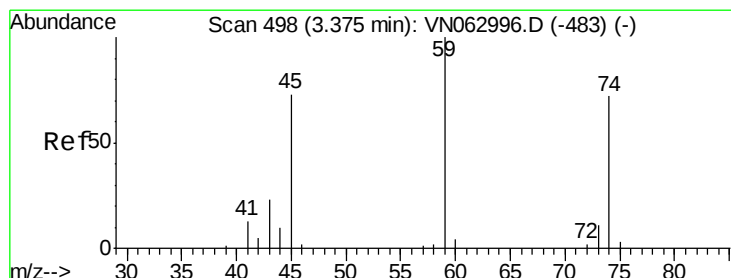
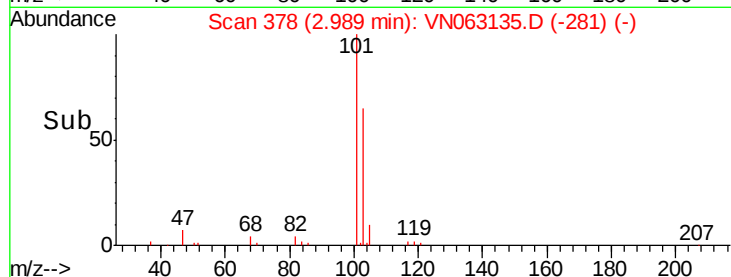
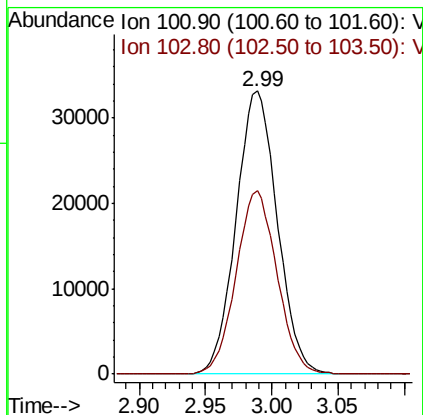
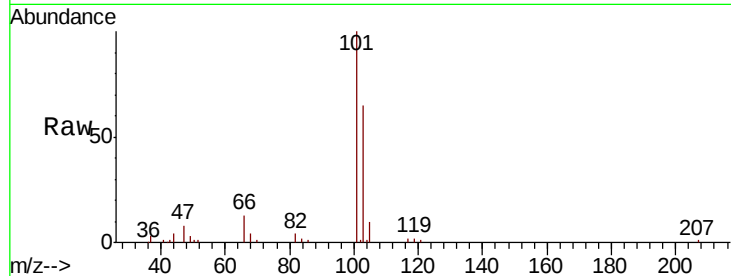


#7

Trichlorofluoromethane
Concen: 19.681 ug/l
RT: 2.99 min Scan# 378
Delta R.T. 0.01 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

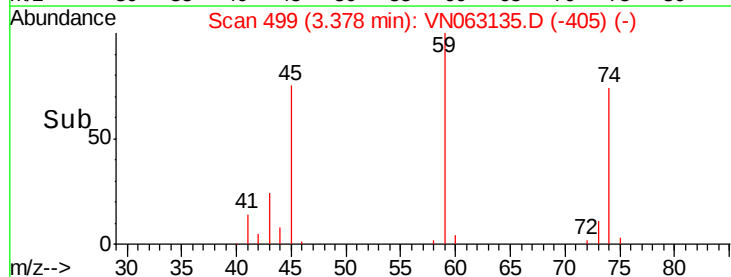
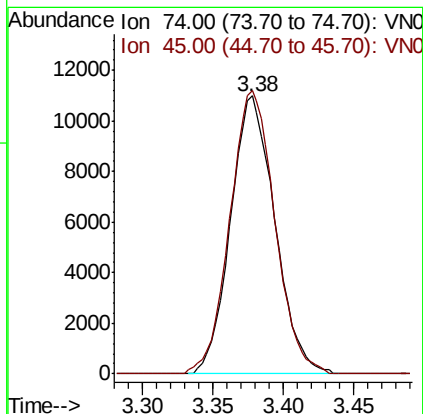
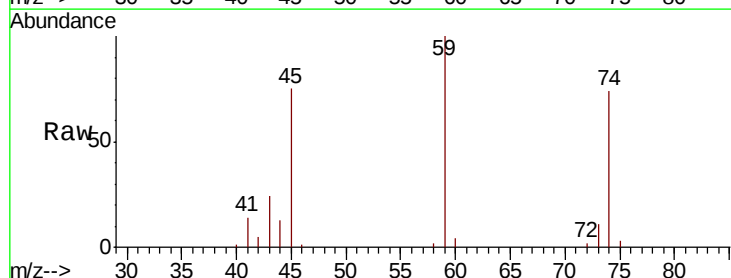
Tot Ion:101 Resp: 71736
Ion Ratio Lower Upper
101 100
103 64.6 50.5 75.7

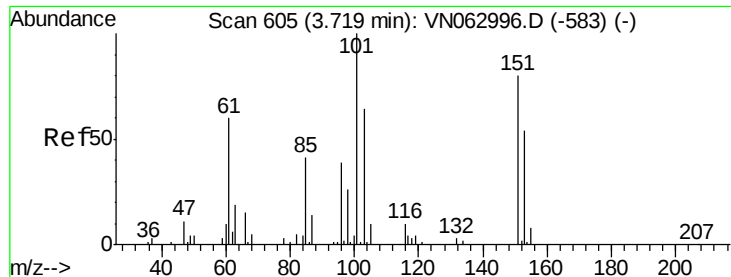


#8

Diethyl Ether
Concen: 18.758 ug/l
RT: 3.38 min Scan# 499
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 74 Resp: 24187
Ion Ratio Lower Upper
74 100
45 103.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.853 ug/l

RT: 3.72 min Scan# 607

Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

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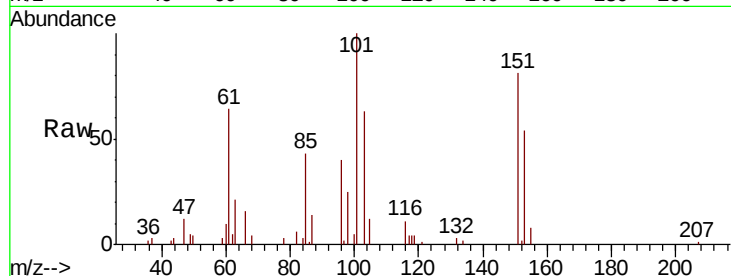
Tot Ion:101 Resp: 37029

Ion Ratio Lower Upper

101 100

85 43.6 34.0 51.0

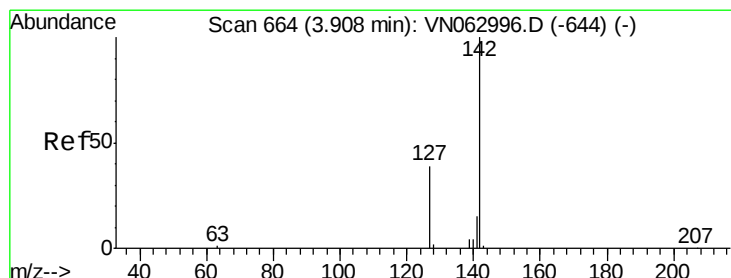
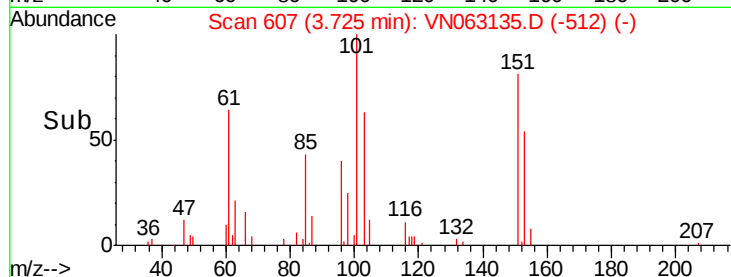
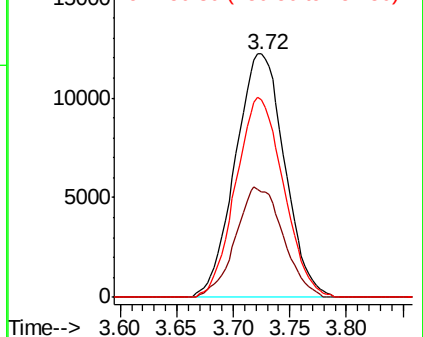
151 79.6 65.8 98.8



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: 18.627 ug/l

RT: 3.91 min Scan# 666

Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

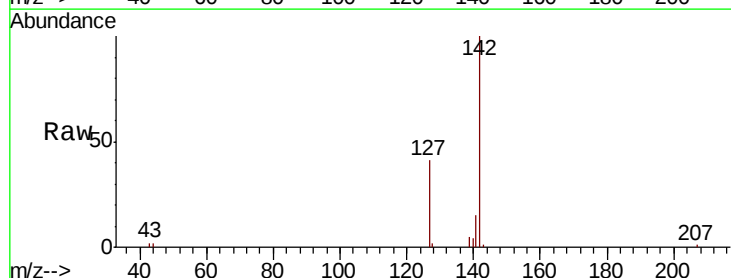
Tgt Ion:142 Resp: 46371

Ion Ratio Lower Upper

142 100

127 41.9 32.2 48.4

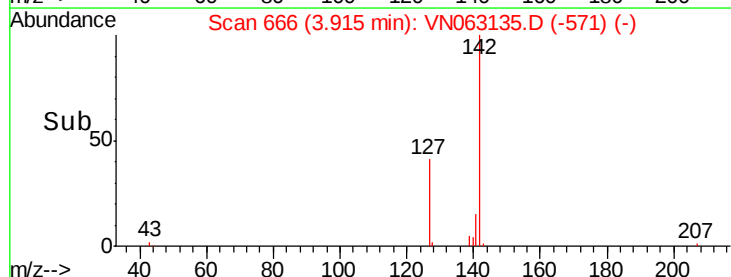
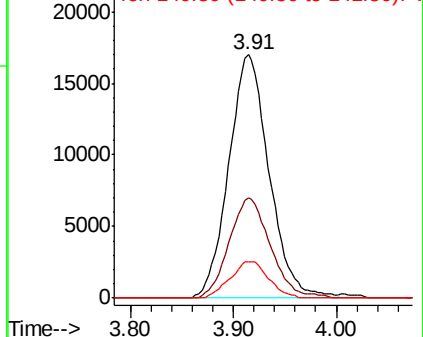
141 14.2 11.3 16.9

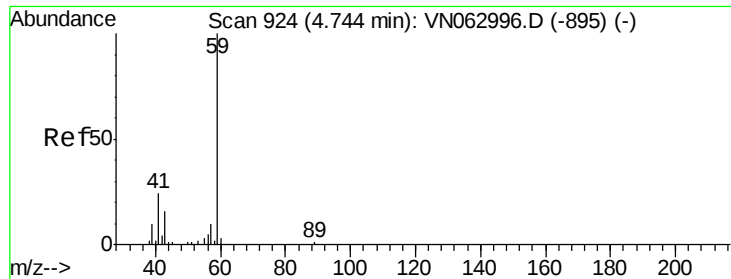


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



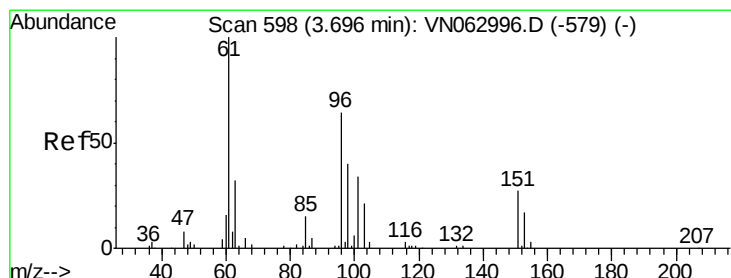
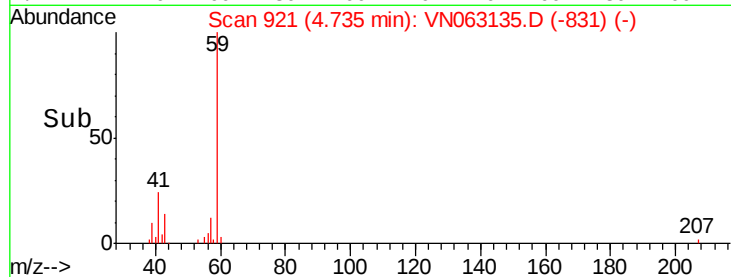
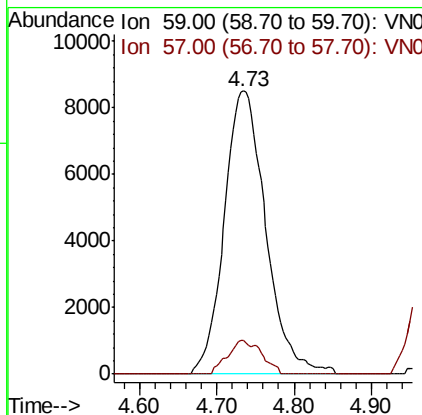
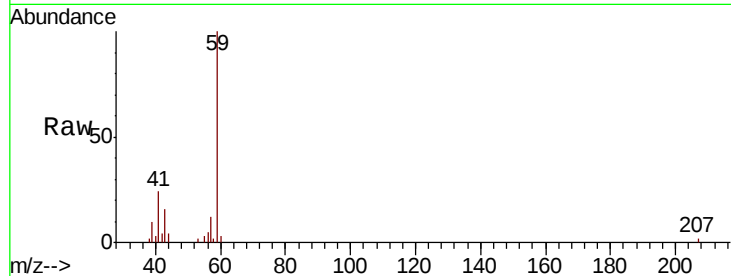


#11

Tert butyl alcohol
 Concen: 85.868 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

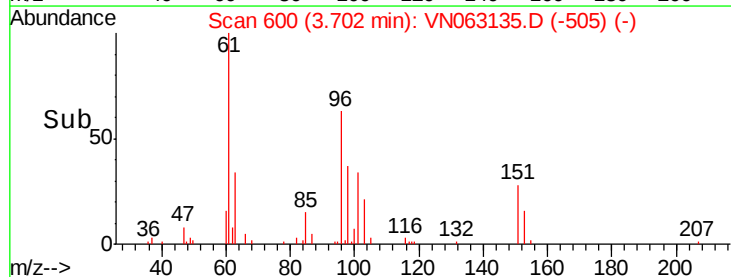
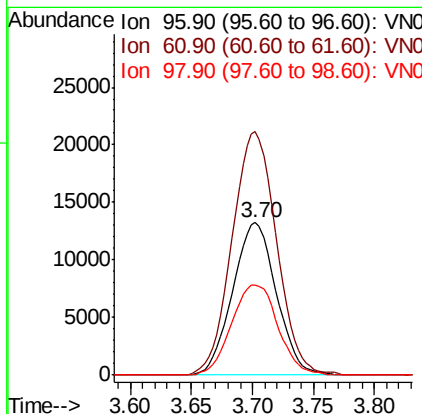
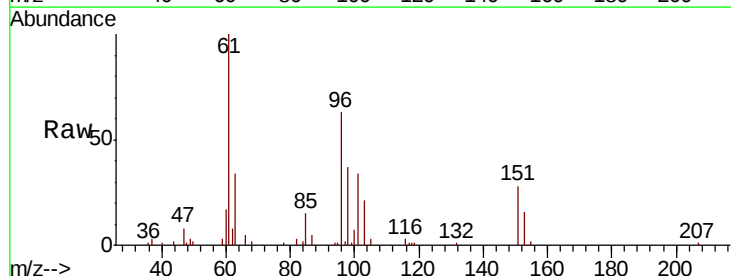
Tot Ion: 59 Resp: 31774
 Ion Ratio Lower Upper
 59 100
 57 6.4 7.8 11.6#

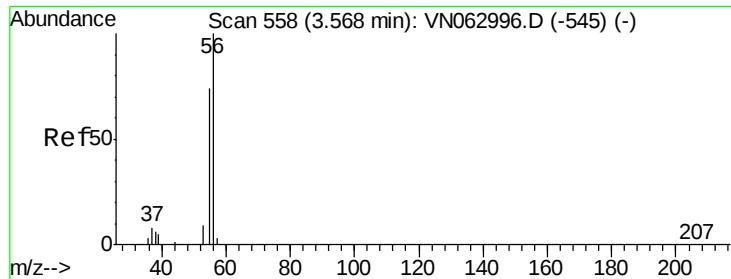


#12

1,1-Dichloroethene
 Concen: 17.585 ug/l
 RT: 3.70 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion: 96 Resp: 32902
 Ion Ratio Lower Upper
 96 100
 61 159.6 125.5 188.3
 98 59.3 50.4 75.6





#13

Acrolein

Concen: 4.624 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

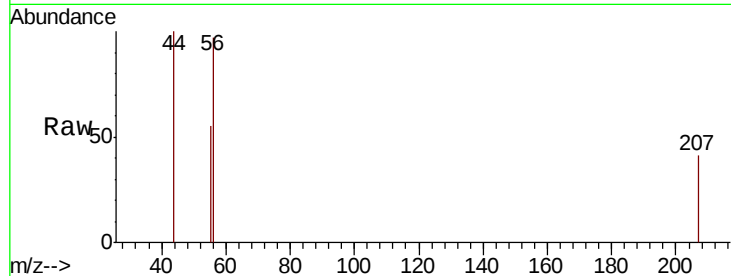
VN0826MBS01

Tot Ion: 56 Resp: 536

Ion Ratio Lower Upper

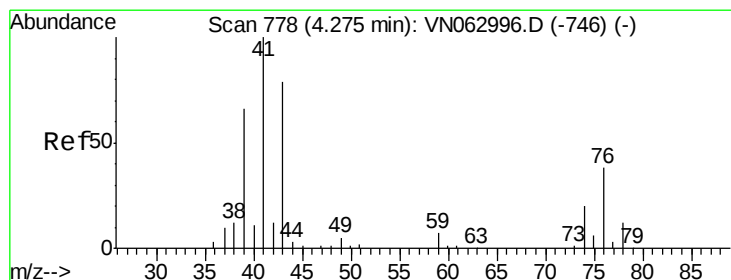
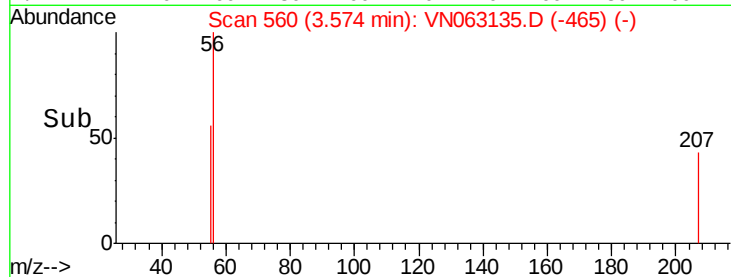
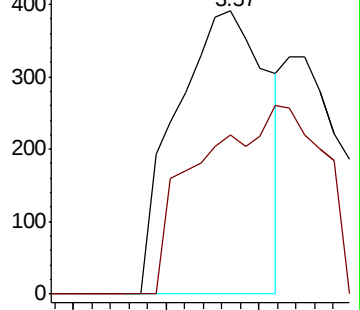
56 100

55 89.0 58.4 87.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.551 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

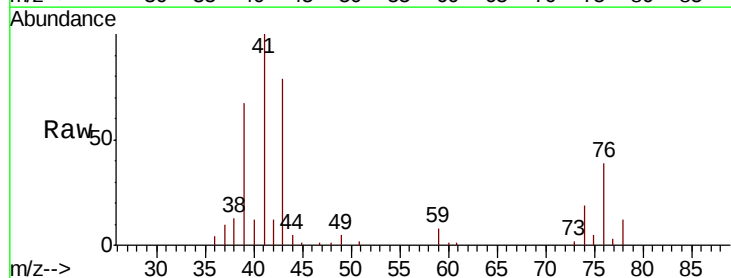
Tgt Ion: 41 Resp: 61198

Ion Ratio Lower Upper

41 100

39 61.7 47.9 71.9

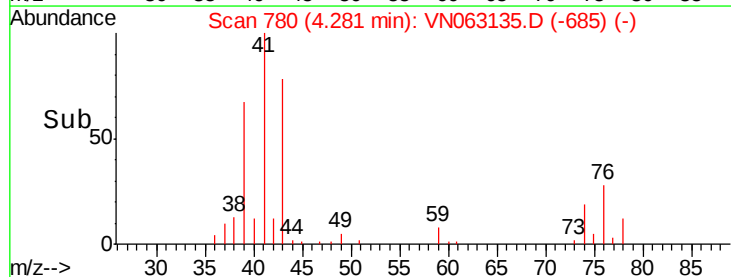
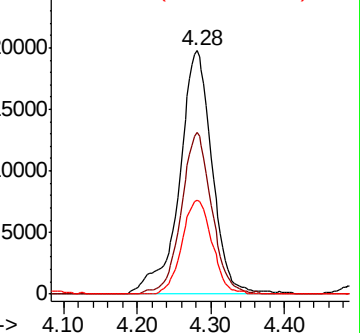
76 35.5 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 90.720 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

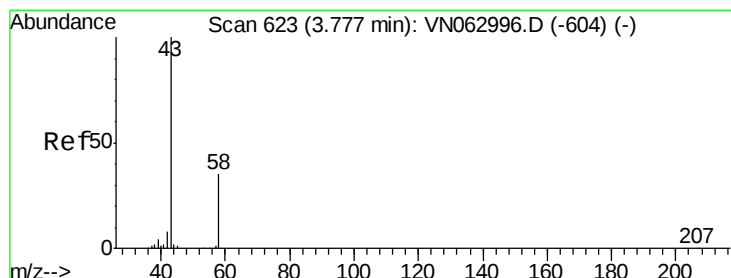
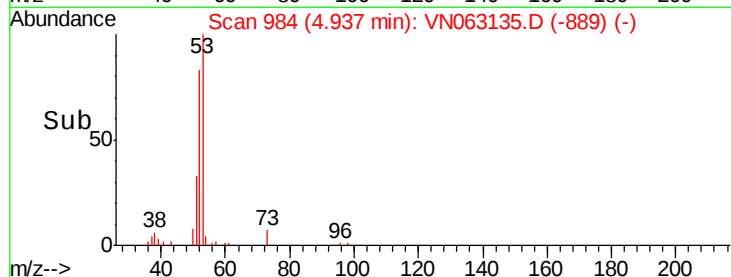
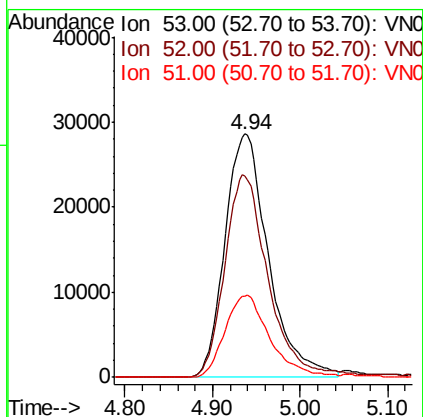
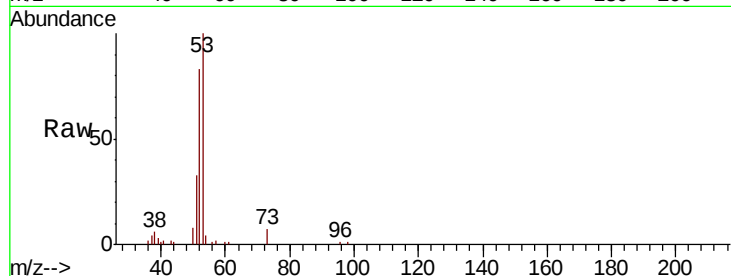
Tot Ion: 53 Resp: 98667

Ion Ratio Lower Upper

53 100

52 81.7 65.6 98.4

51 34.8 28.2 42.4



#16

Acetone

Concen: 89.800 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN063135.D

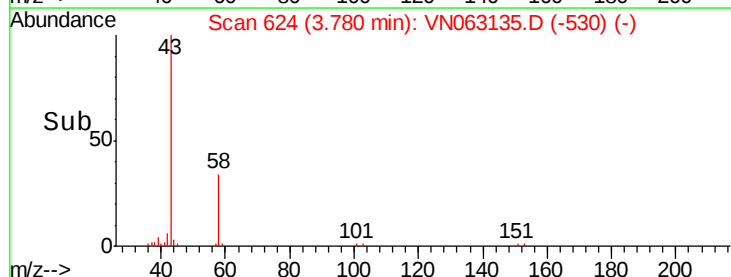
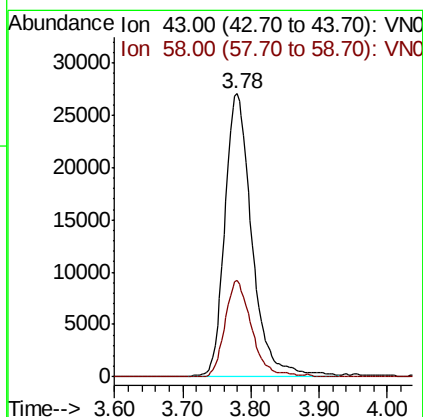
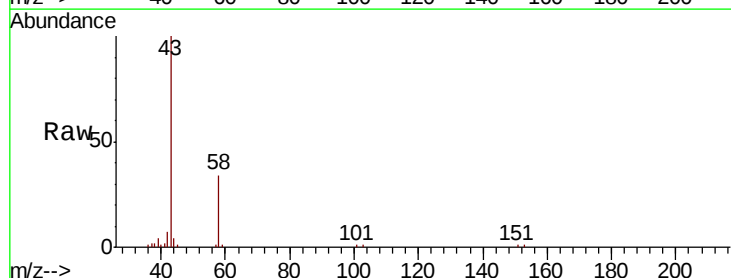
Acq: 26 Aug 2020 16:11

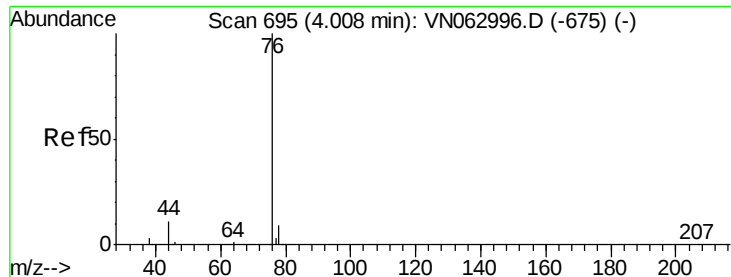
Tgt Ion: 43 Resp: 75202

Ion Ratio Lower Upper

43 100

58 33.9 27.8 41.6

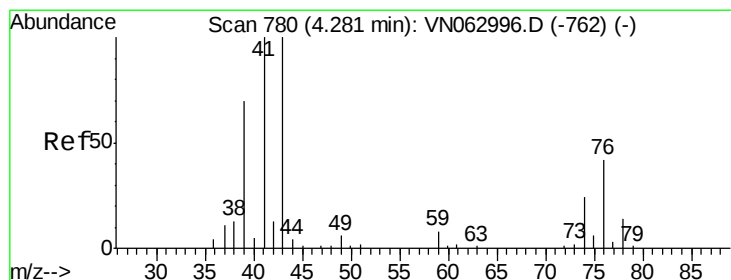
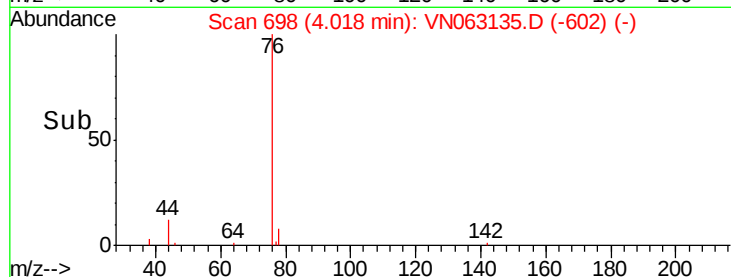
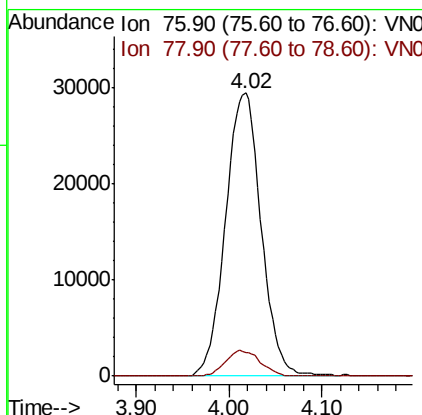
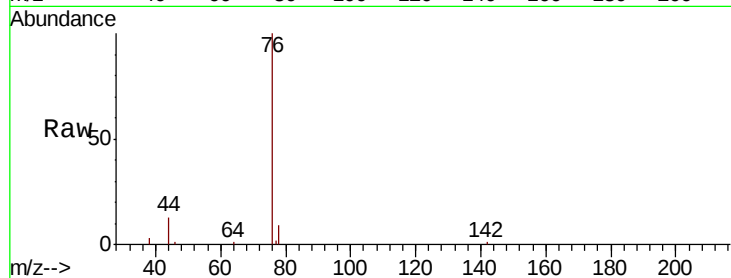




#17
Carbon Disulfide
Concen: 16.017 ug/l
RT: 4.02 min Scan# 698
Delta R.T. 0.01 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

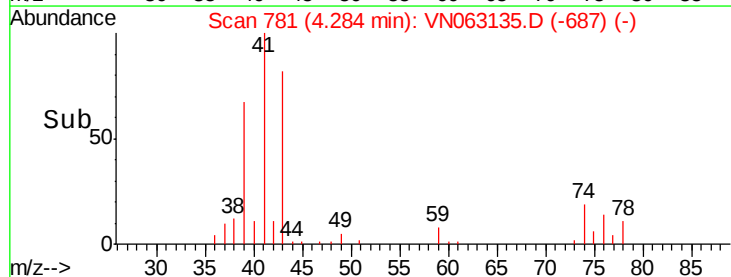
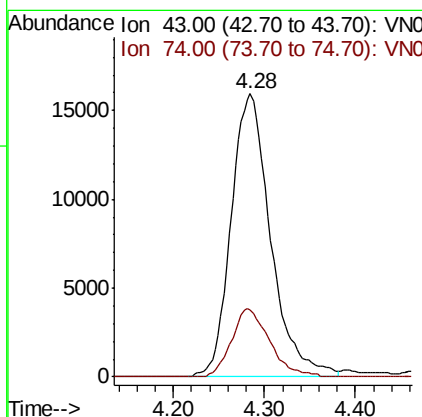
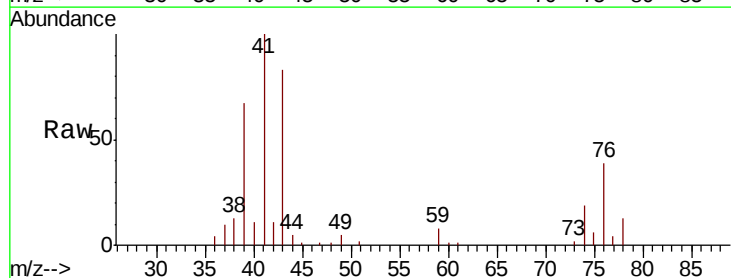
Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

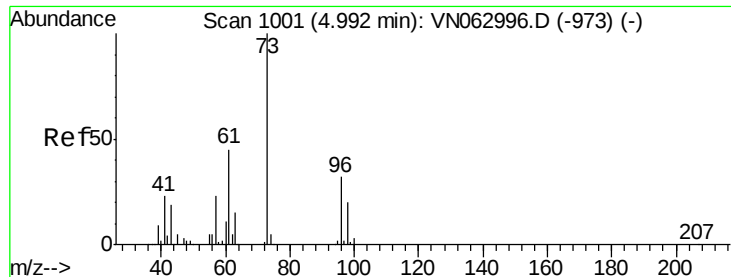
Tot Ion: 76 Resp: 78482
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3



#18
Methyl Acetate
Concen: 18.538 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 43 Resp: 48126
Ion Ratio Lower Upper
43 100
74 23.2 18.6 28.0

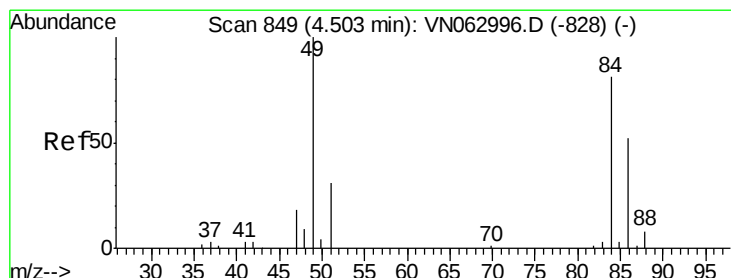
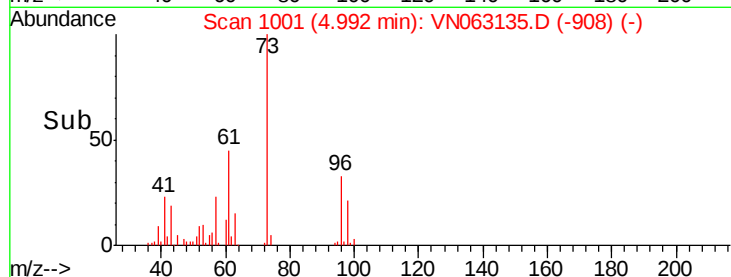
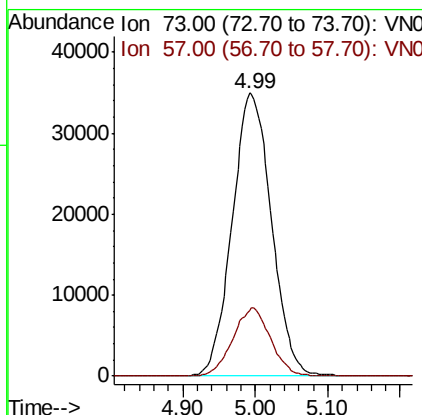
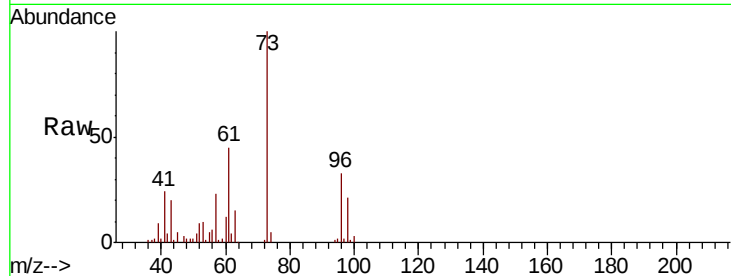




#19
Methyl tert-butyl Ether
Concen: 20.179 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

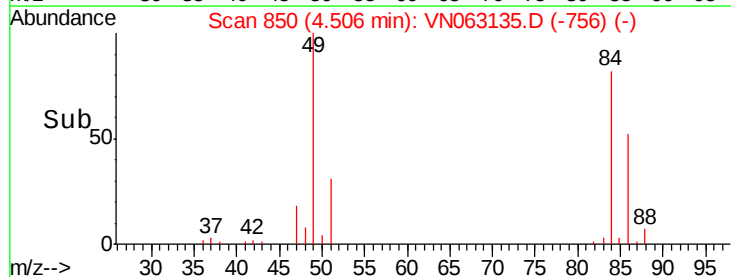
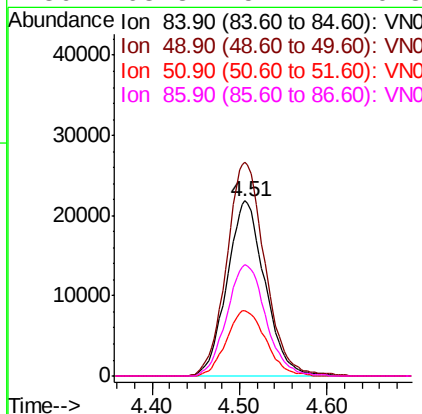
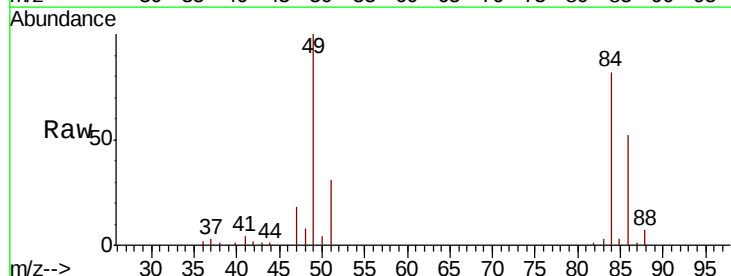
Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

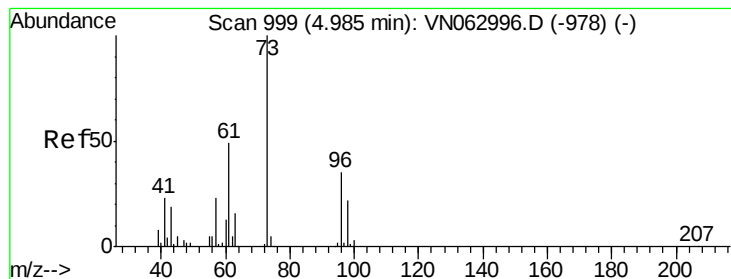
Tot Ion: 73 Resp: 131665
Ion Ratio Lower Upper
73 100
57 23.4 18.1 27.1



#20
Methylene Chloride
Concen: 27.952 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 84 Resp: 65736
Ion Ratio Lower Upper
84 100
49 121.9 98.7 148.1
51 37.6 30.8 46.2
86 63.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.608 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

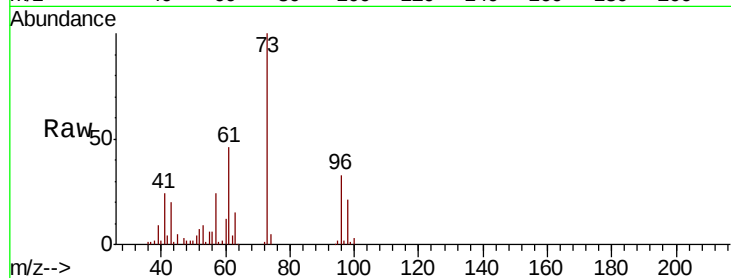
Tot Ion: 96 Resp: 36435

Ion Ratio Lower Upper

96 100

61 136.8 112.5 168.7

98 62.8 49.4 74.0

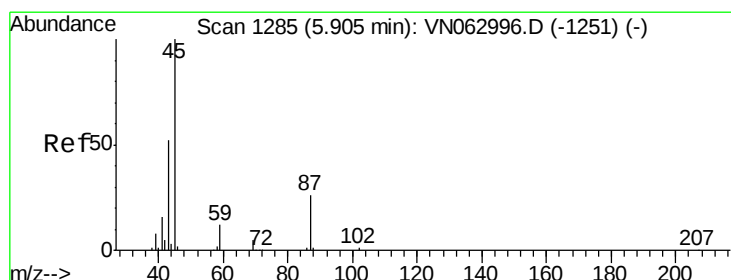
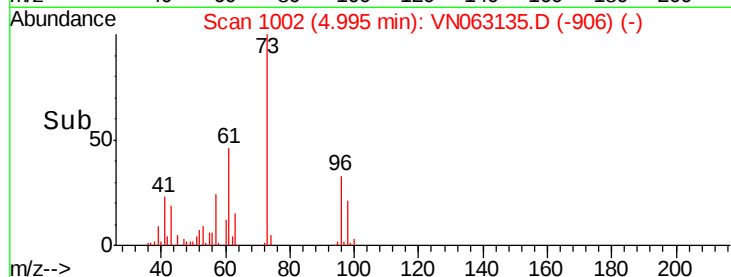
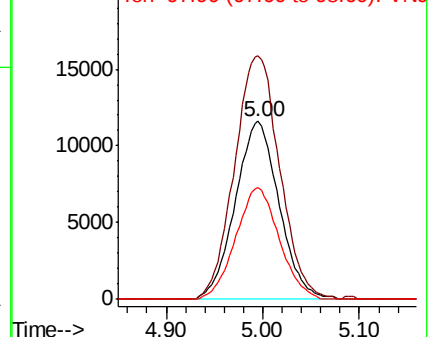


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.970 ug/l

RT: 5.90 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Tgt Ion: 45 Resp: 156981

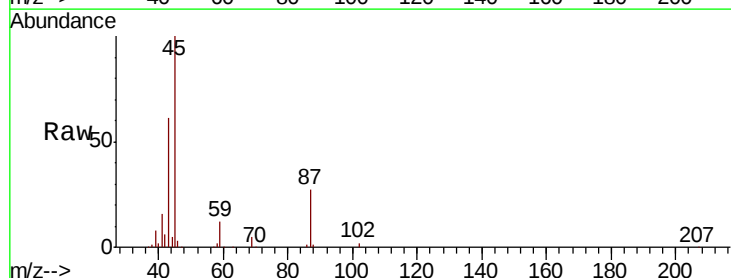
Ion Ratio Lower Upper

45 100

43 59.2 45.7 68.5

87 26.6 21.8 32.6

59 11.9 9.3 13.9



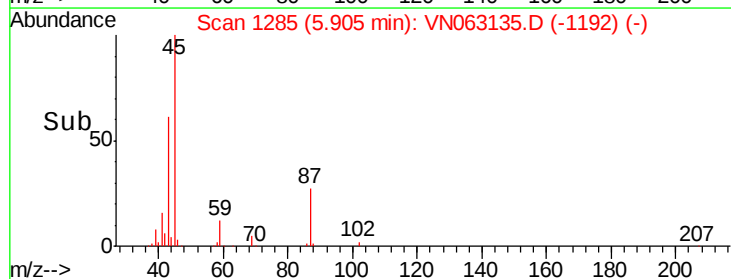
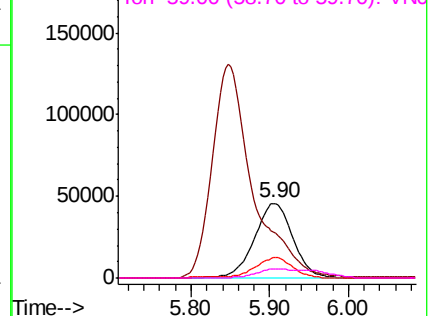
Abundance

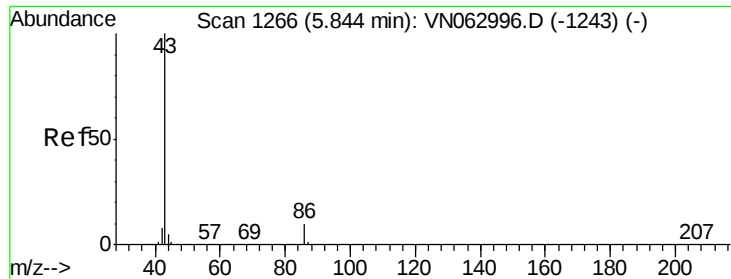
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 92.343 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

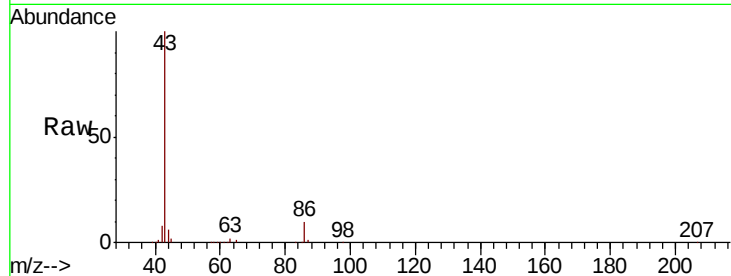
VN0826MBS01

Tot Ion: 43 Resp: 466489

Ion Ratio Lower Upper

43 100

86 10.3 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

150000

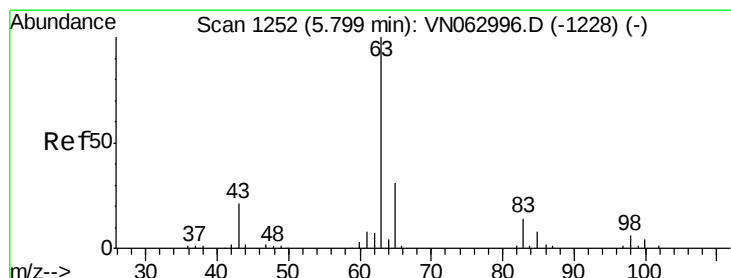
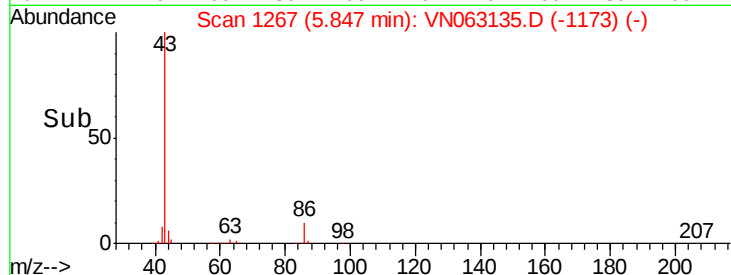
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 19.510 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

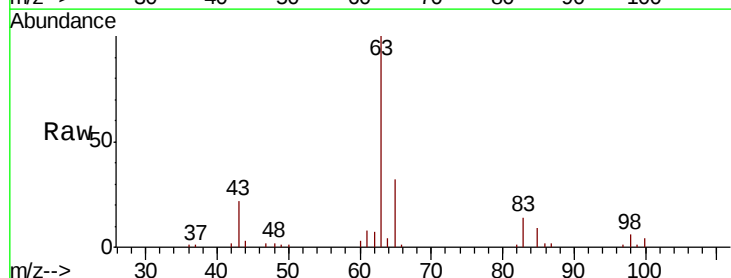
Tgt Ion: 63 Resp: 81617

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.7

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

30000

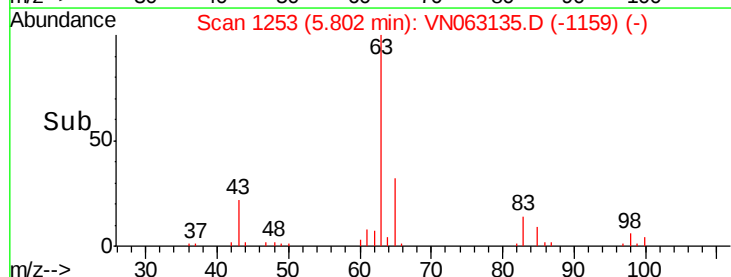
20000

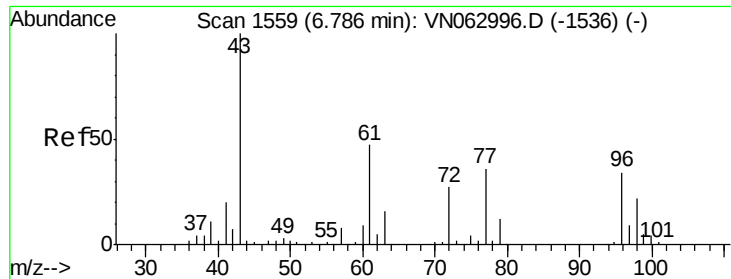
10000

0

5.70 5.80 5.90

Time-->

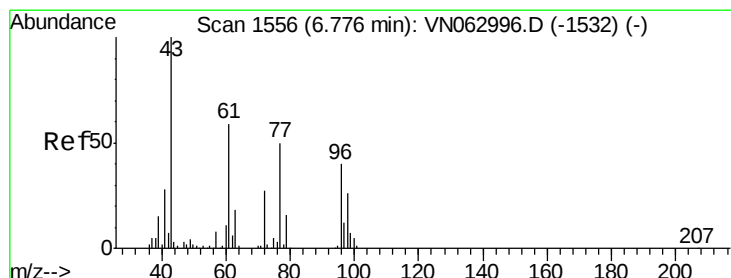
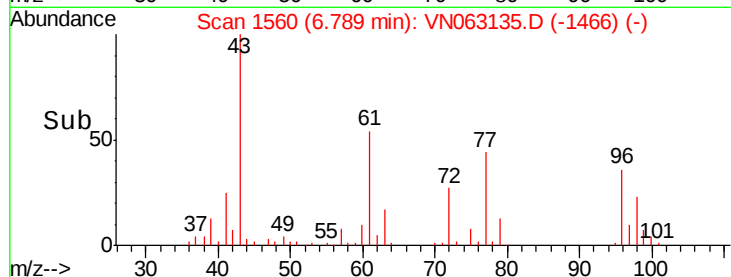
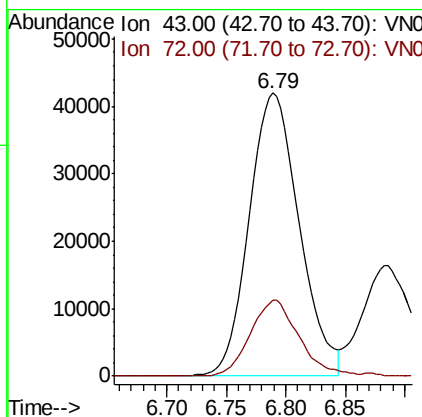
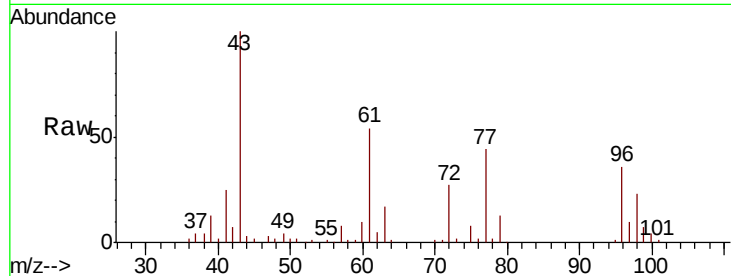




#25
2-Butanone
Concen: 88.279 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

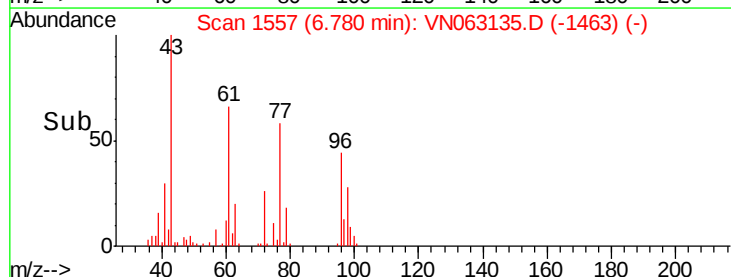
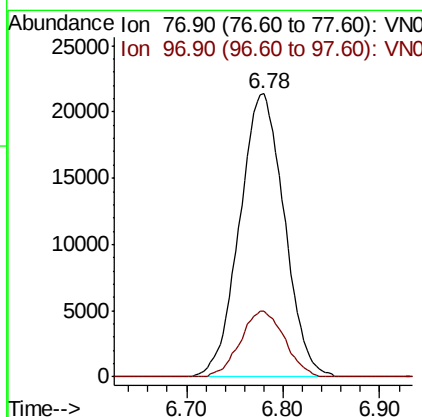
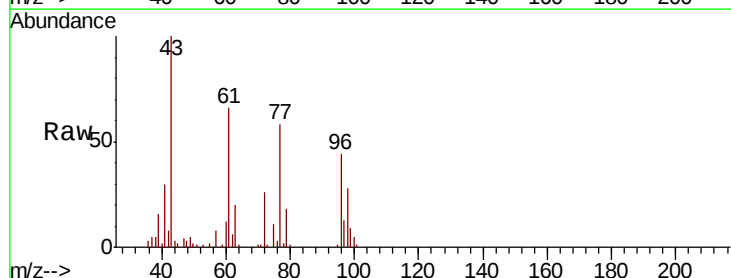
Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

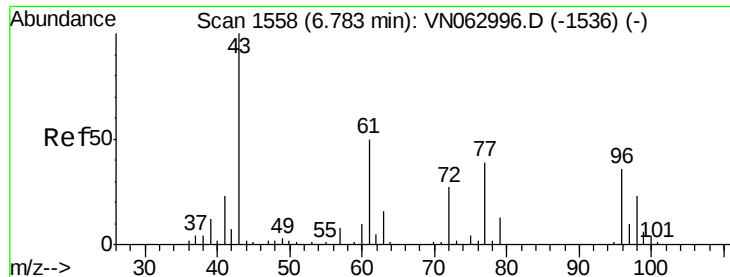
Tot Ion: 43 Resp: 122436
Ion Ratio Lower Upper
43 100
72 26.8 21.8 32.6



#26
2,2-Dichloropropane
Concen: 20.864 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 77 Resp: 68640
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 19.040 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

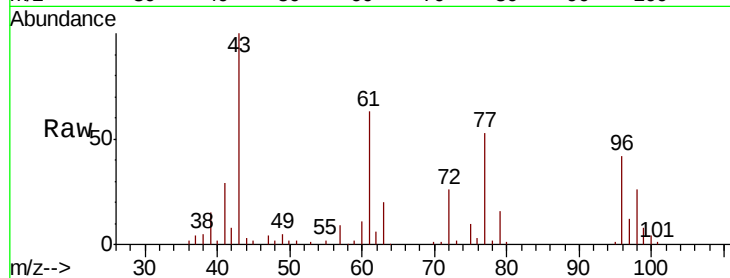
Tot Ion: 96 Resp: 46729

Ion Ratio Lower Upper

96 100

61 151.4 0.0 292.8

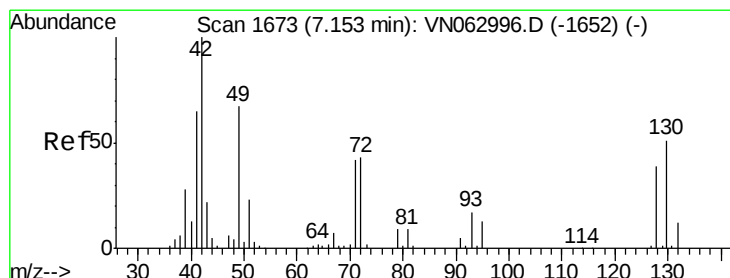
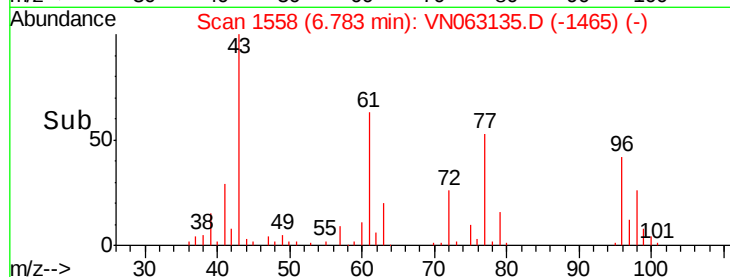
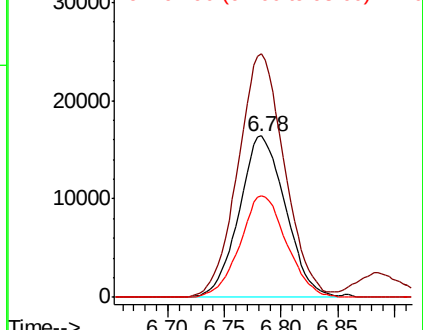
98 63.5 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.764 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

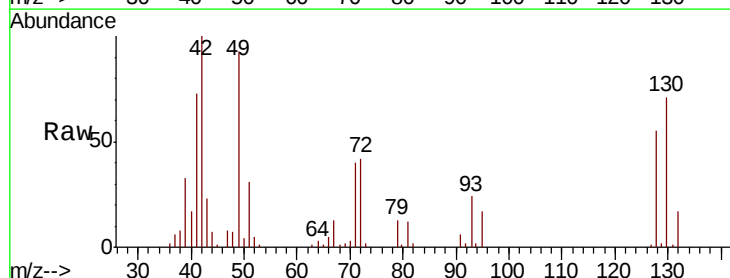
Tgt Ion: 49 Resp: 47637

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.6

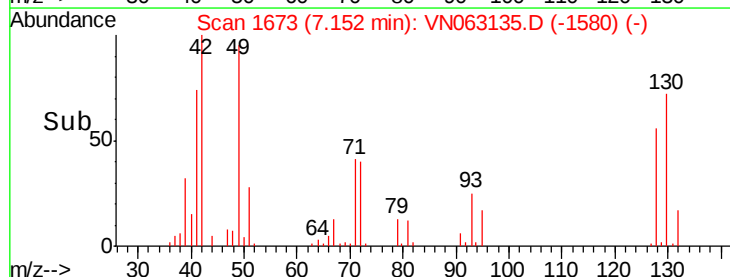
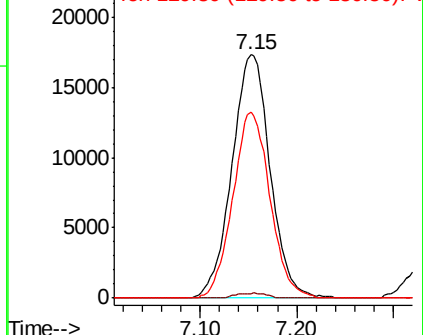
130 74.2 61.1 91.7

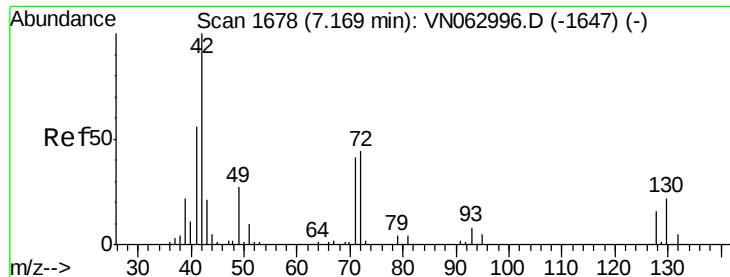


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

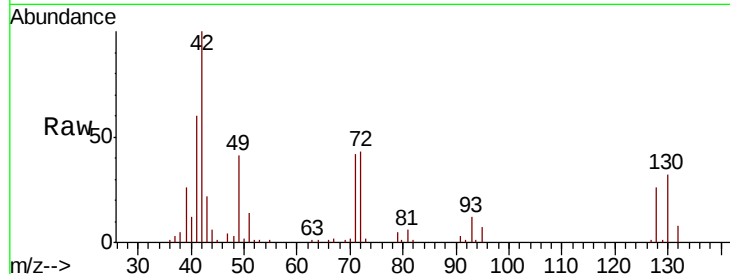




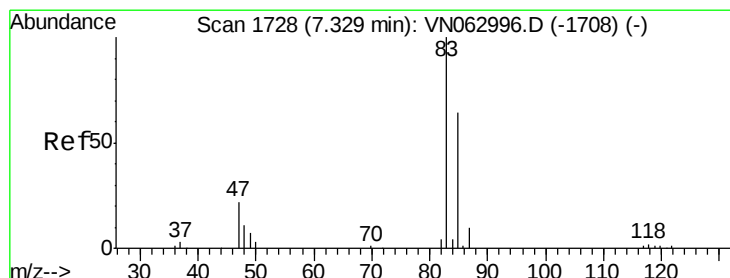
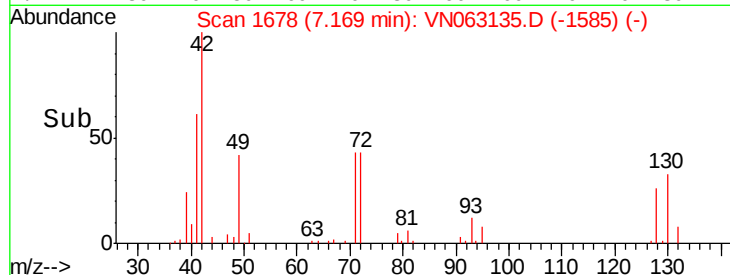
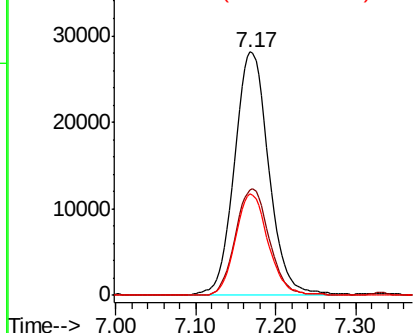
#29
Tetrahydrofuran
Concen: 91.605 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion: 42 Resp: 81997
Ion Ratio Lower Upper
42 100
72 42.6 34.6 52.0
71 39.4 32.3 48.5

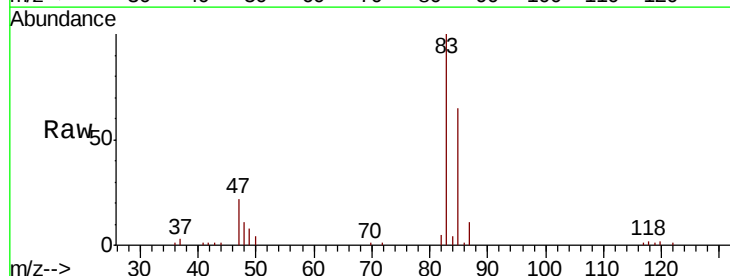


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

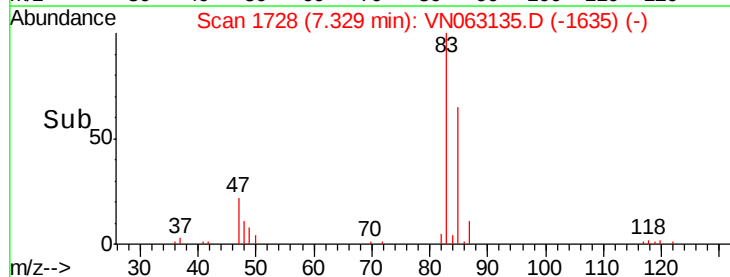
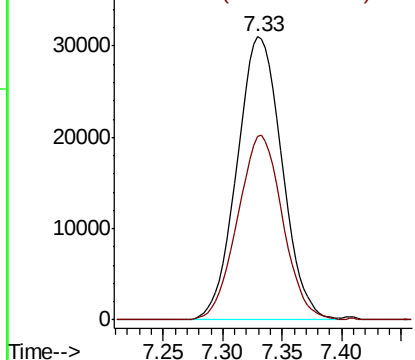


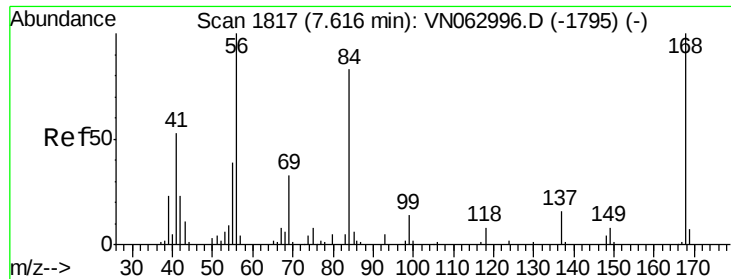
#30
Chloroform
Concen: 19.313 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 83 Resp: 81367
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

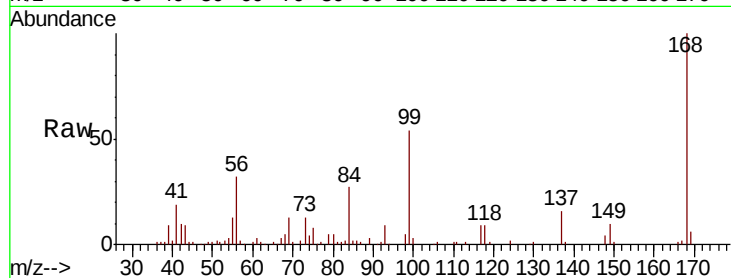




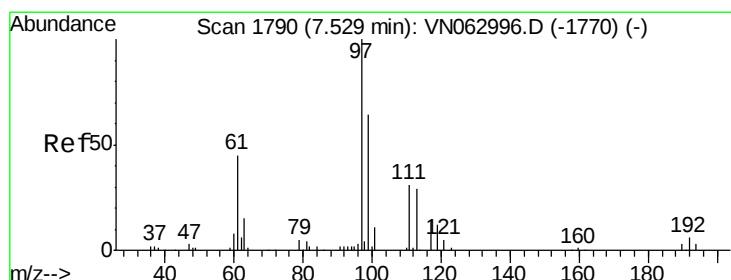
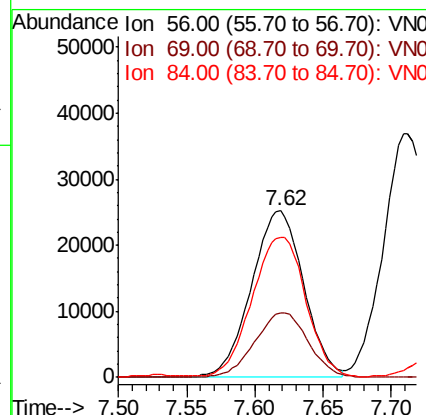
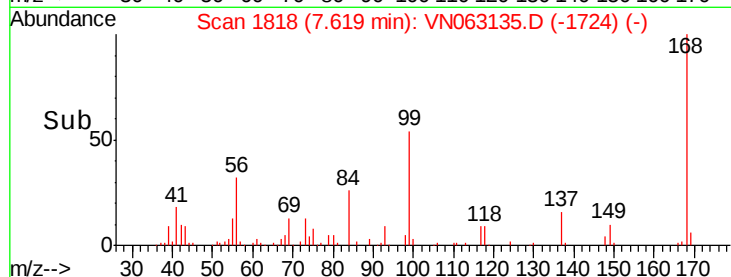
#31
Cyclohexane
Concen: 17.429 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion: 56 Resp: 67106
Ion Ratio Lower Upper
56 100
69 38.6 26.6 40.0
84 83.8 66.4 99.6

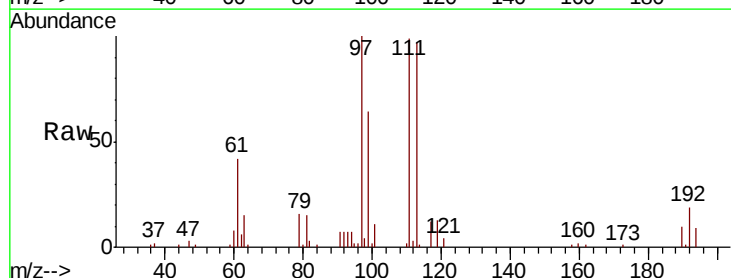


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

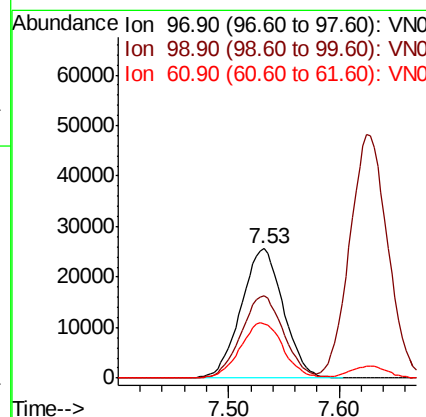
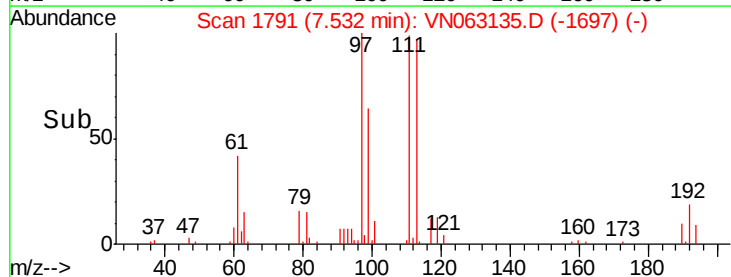


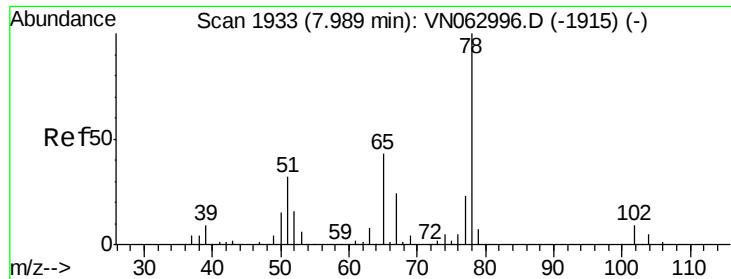
#32
1,1,1-Trichloroethane
Concen: 19.765 ug/l
RT: 7.53 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 97 Resp: 67982
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 43.4 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

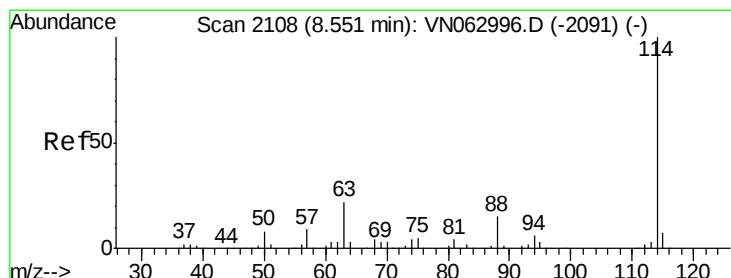
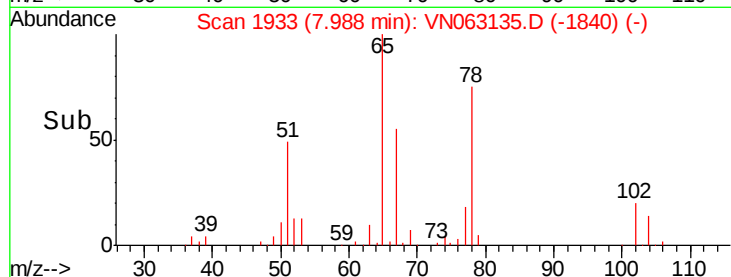
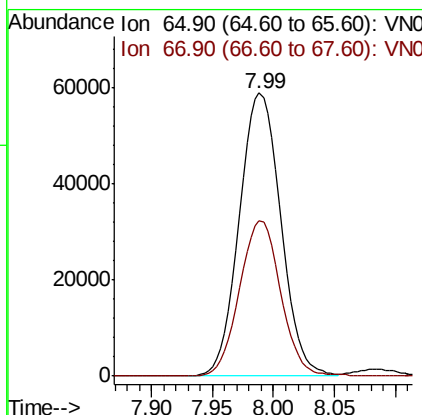
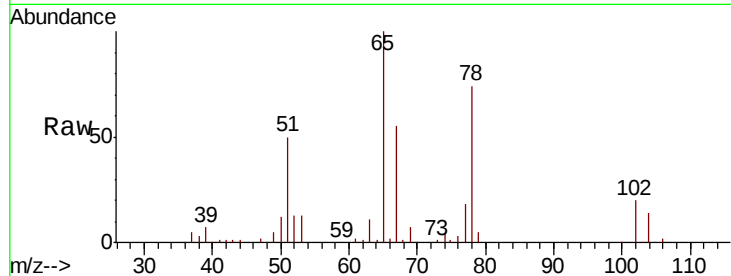




#33
 1,2-Dichloroethane-d4
 Concen: 53.236 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

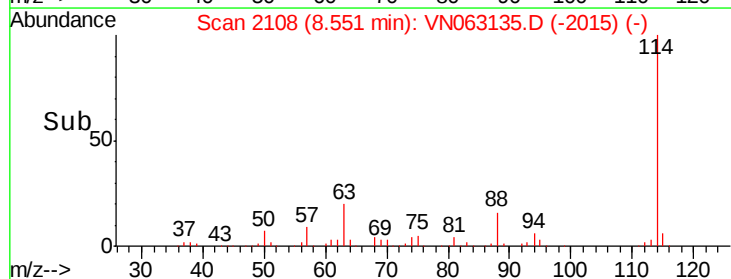
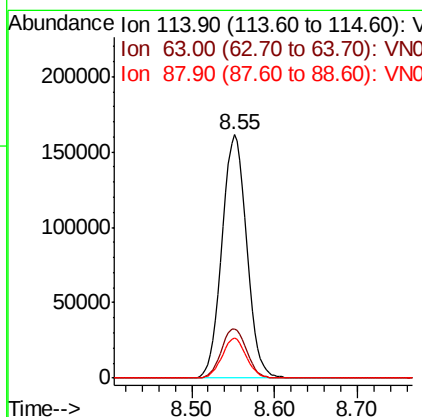
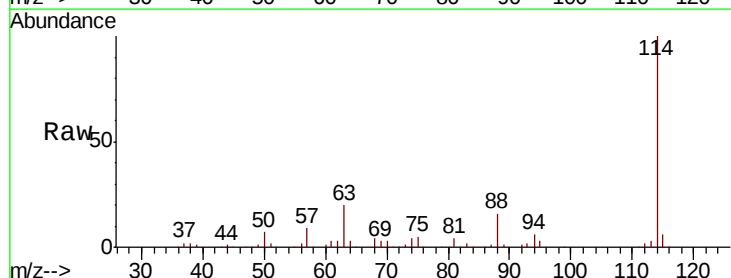
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

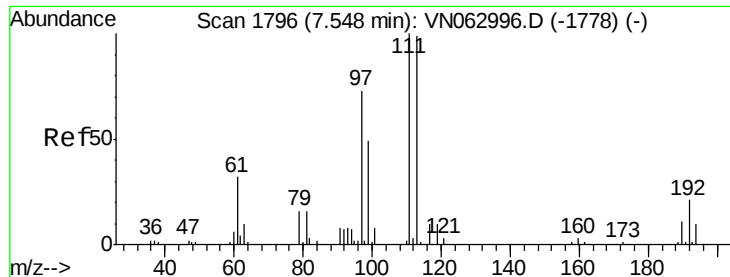
Tot Ion: 65 Resp: 139073
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion: 114 Resp: 334906
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.2
 88 16.5 0.0 30.6

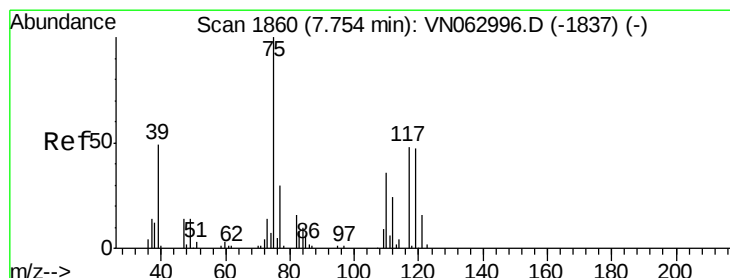
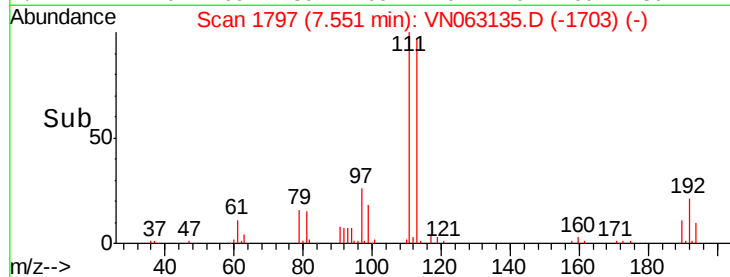
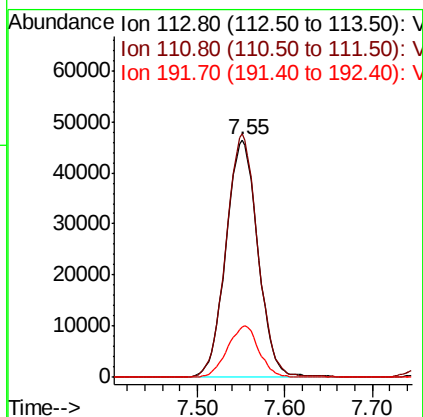
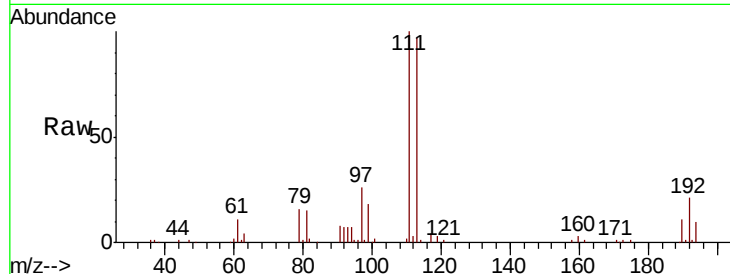




#35
 Dibromofluoromethane
 Concen: 54.100 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

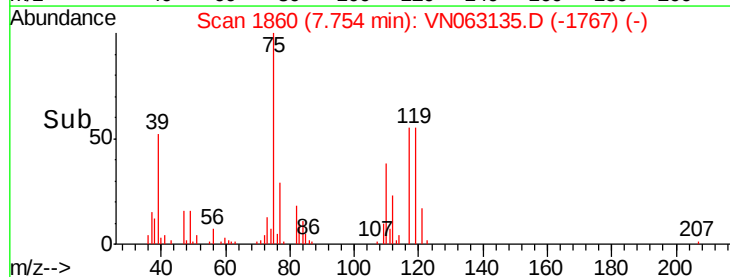
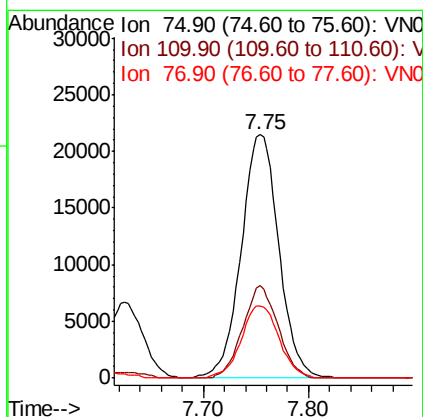
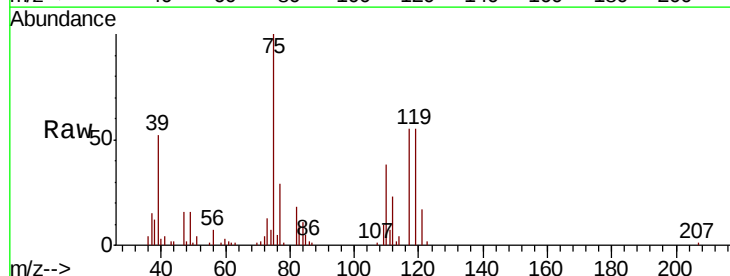
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

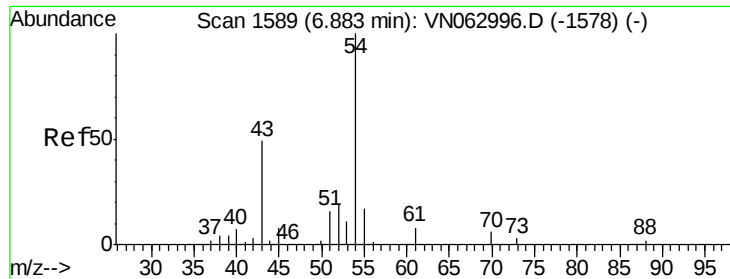
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.7	122.5
192	21.2	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 18.077 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.5	52.6
77	29.8	24.2	36.4

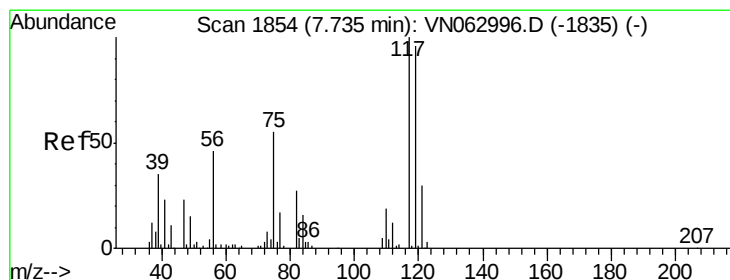
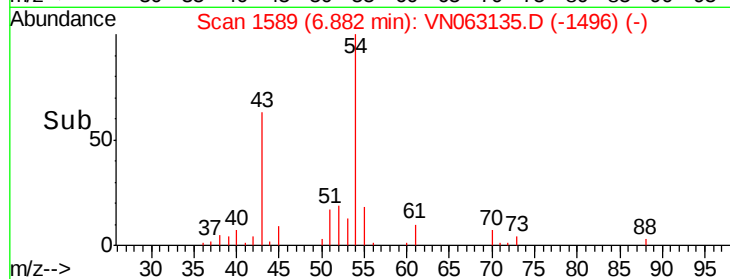
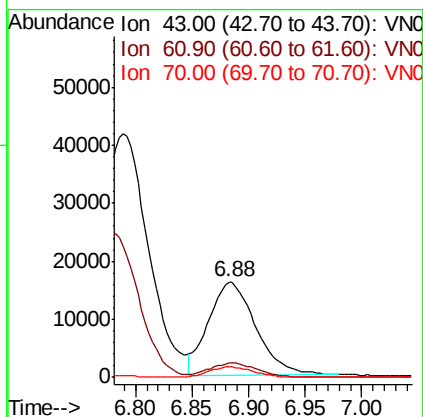
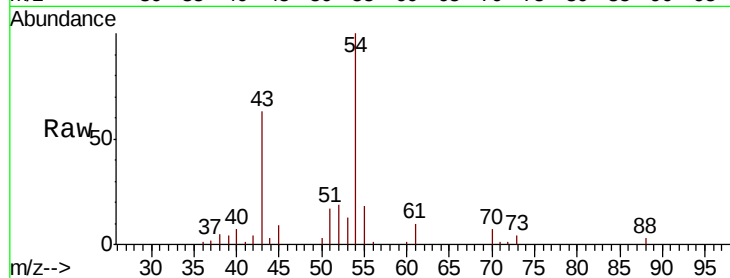




#37
Ethyl Acetate
Concen: 17.021 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

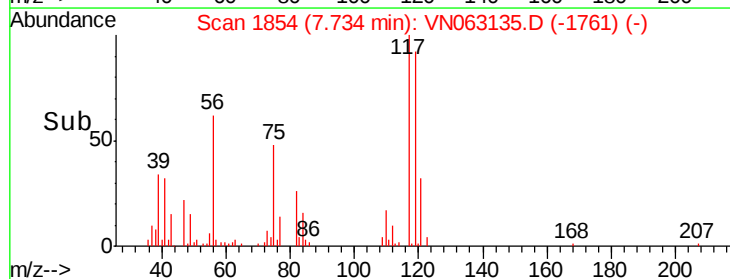
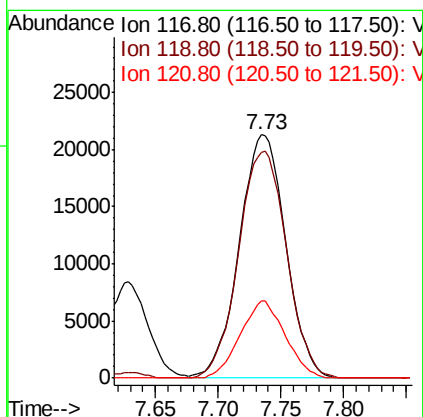
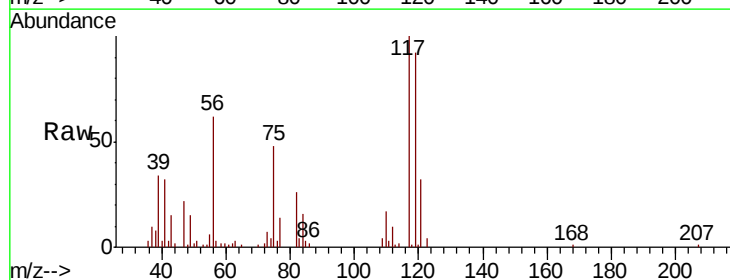
Instrument :
MSVOA_N
ClientSampled :
VN0826MBS01

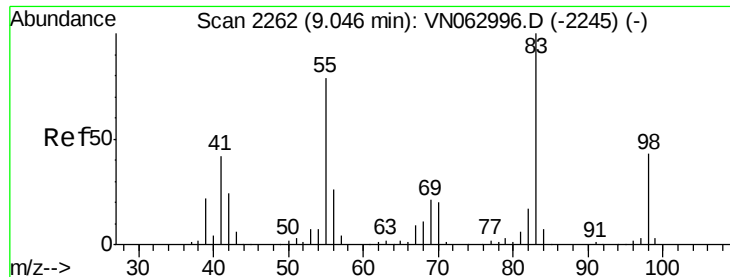
Tot Ion: 43 Resp: 47072
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.8
70 10.3 8.2 12.2



#38
Carbon Tetrachloride
Concen: 18.416 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 117 Resp: 54873
Ion Ratio Lower Upper
117 100
119 92.5 76.2 114.4
121 32.0 24.2 36.2

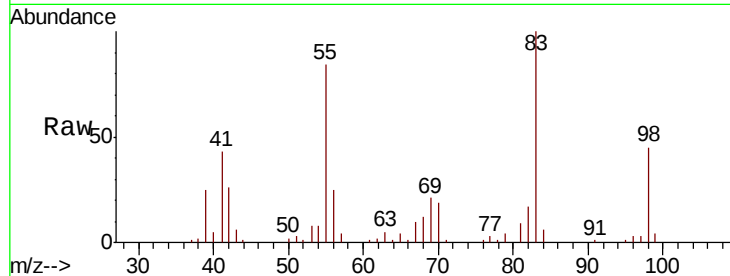




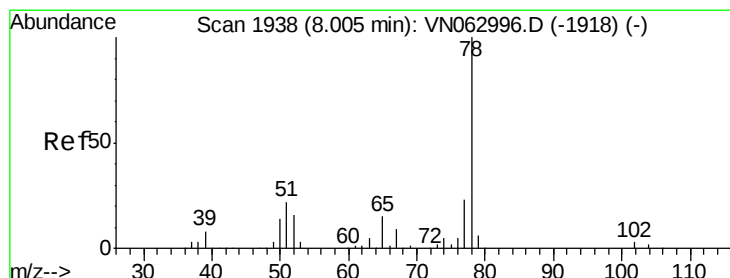
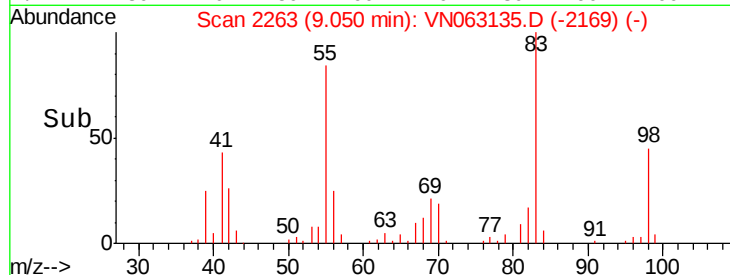
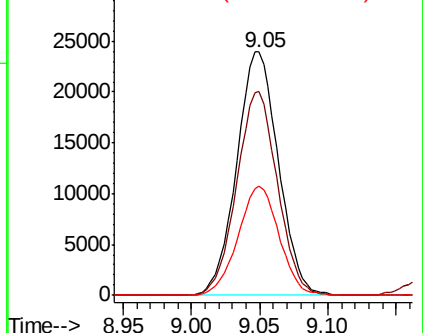
#39
Methvlcvclohexane
Concen: 13.898 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion: 83 Resp: 50740
Ion Ratio Lower Upper
83 100
55 83.6 63.3 94.9
98 44.8 34.2 51.4

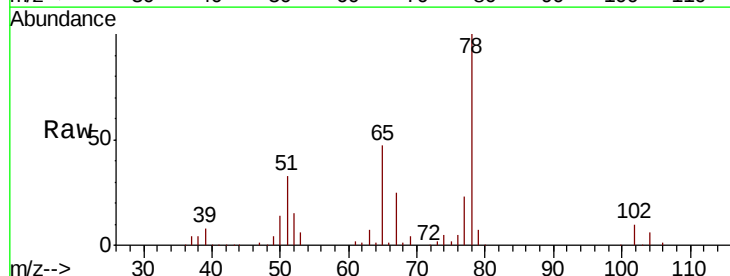


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

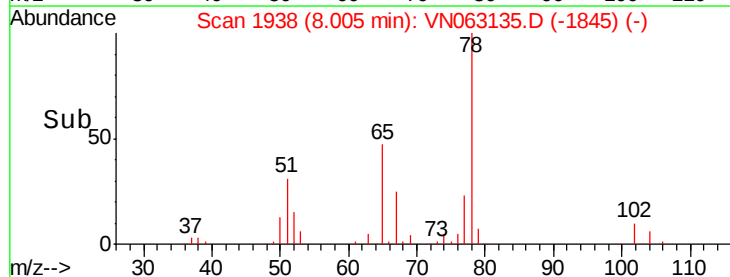
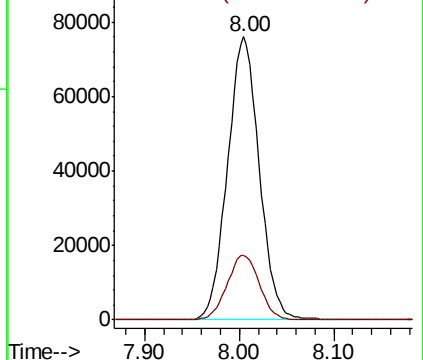


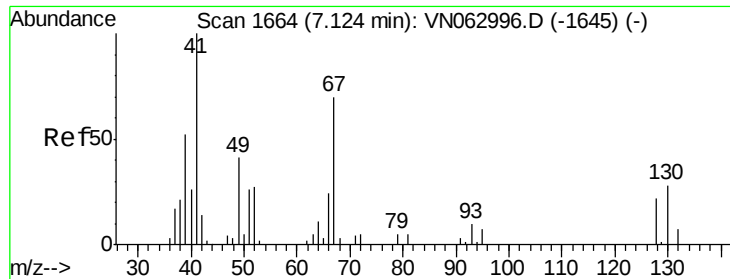
#40
Benzene
Concen: 18.944 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 78 Resp: 177328
Ion Ratio Lower Upper
78 100
77 22.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

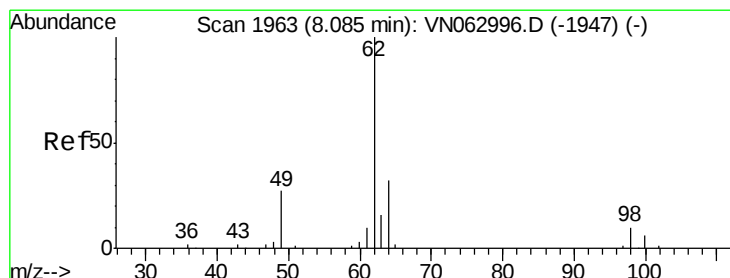
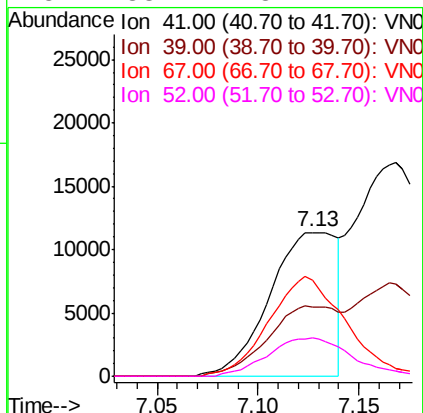
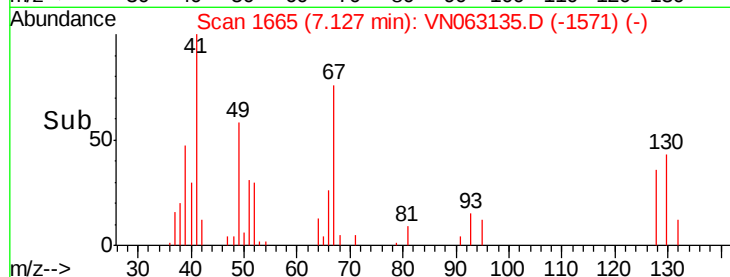
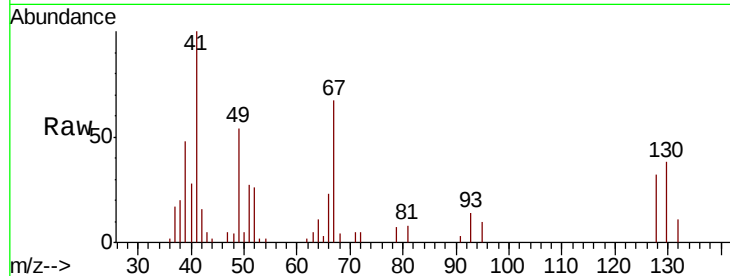




#41
Methacrylonitrile
Concen: 19.852 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

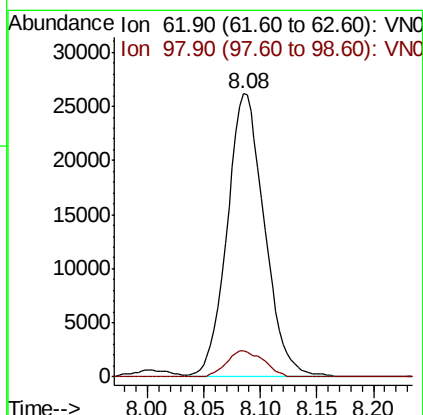
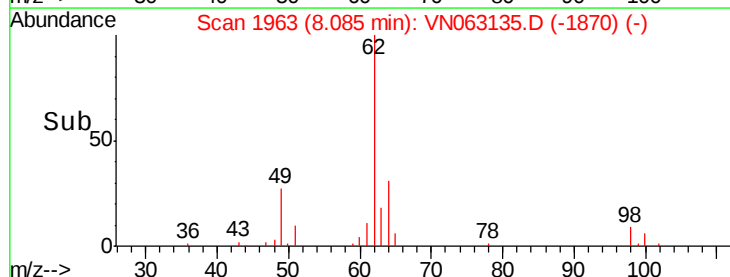
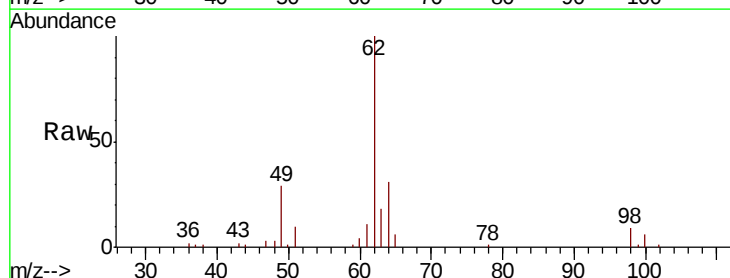
Instrument :
MSVOA_N
ClientSampled :
VN0826MBS01

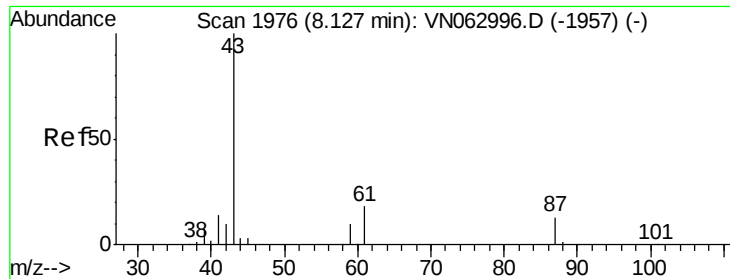
Tot Ion:	41	Resp:	26157
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.6	62.4
67	80.0	71.8	107.8
52	33.1	28.2	42.4



#42
1,2-Dichloroethane
Concen: 19.124 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion:	62	Resp:	60109
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

Isopropyl Acetate

Concen: 18.612 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

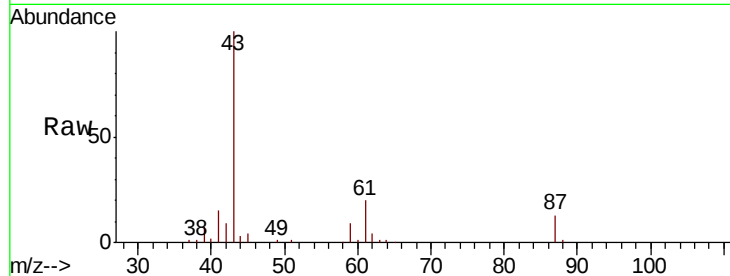
Tot Ion: 43 Resp: 85270

Ion Ratio Lower Upper

43 100

61 28.0 22.6 33.8

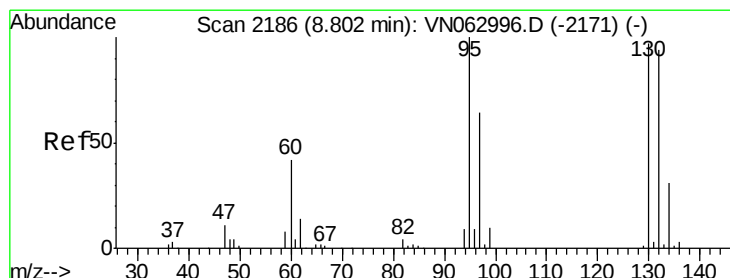
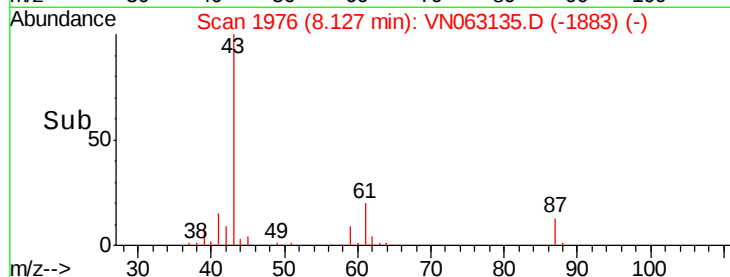
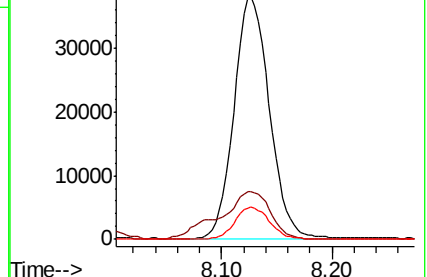
87 12.9 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



#44

Trichloroethene

Concen: 18.912 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN063135.D

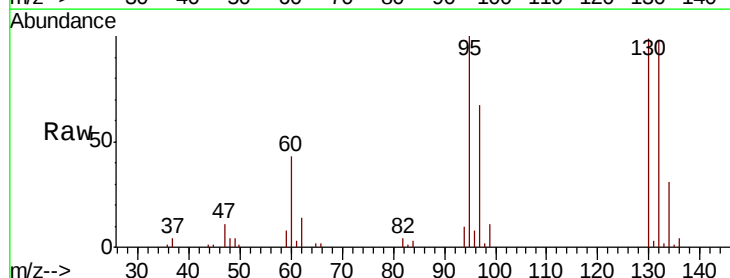
Acq: 26 Aug 2020 16:11

Tgt Ion: 130 Resp: 44035

Ion Ratio Lower Upper

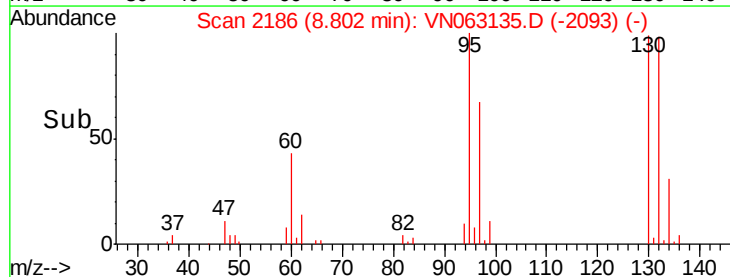
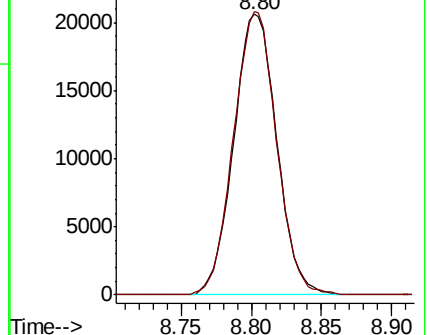
130 100

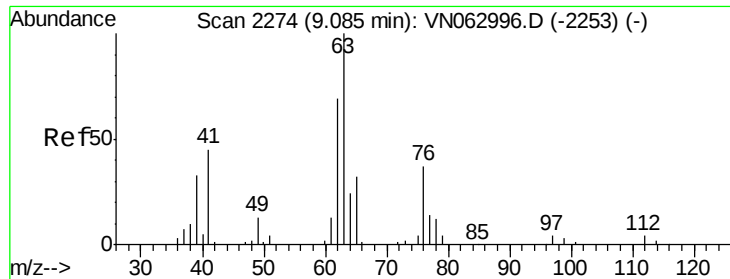
95 100.8 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062996.D (-2171) (-)

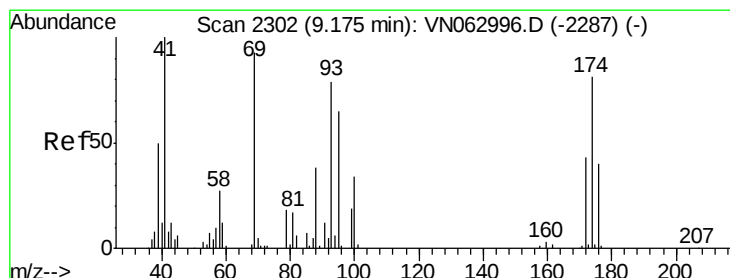
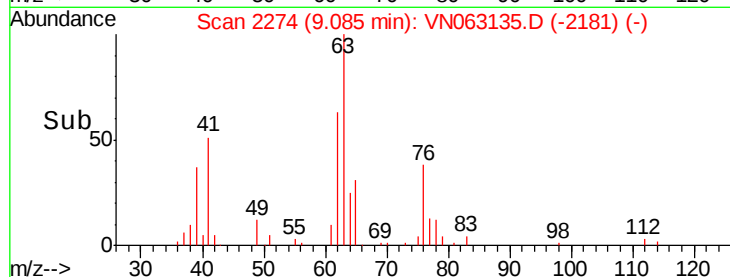
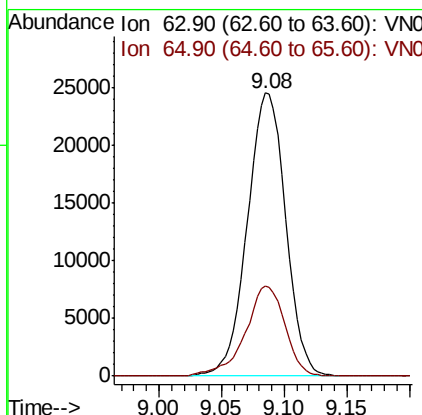
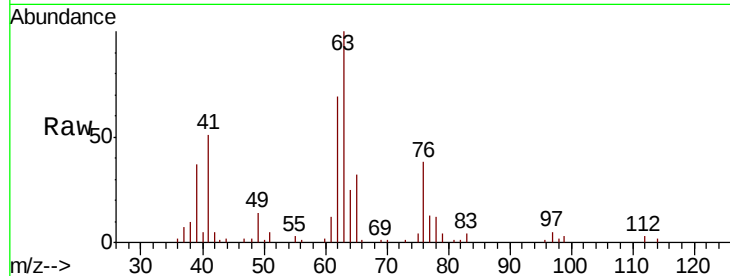




#45
 1,2-Dichloropropane
 Concen: 19.311 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

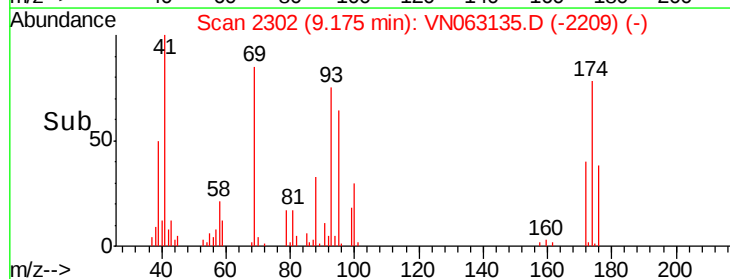
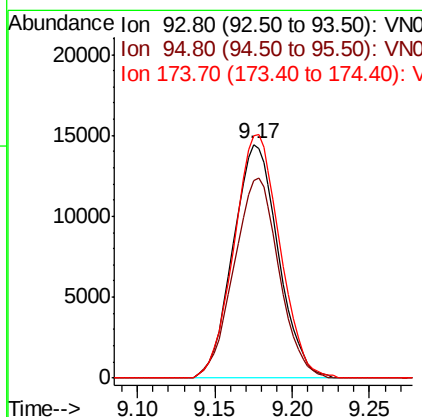
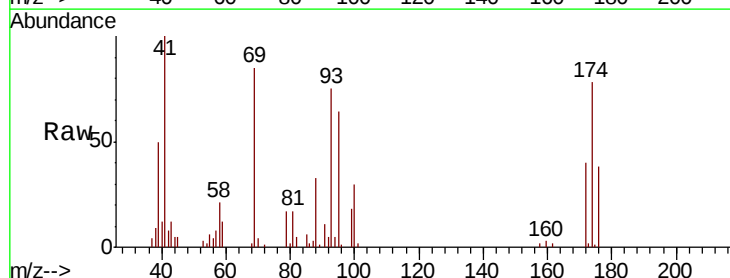
Instrument :
 MSVOA_N
 ClientSampled :
 VN0826MBS01

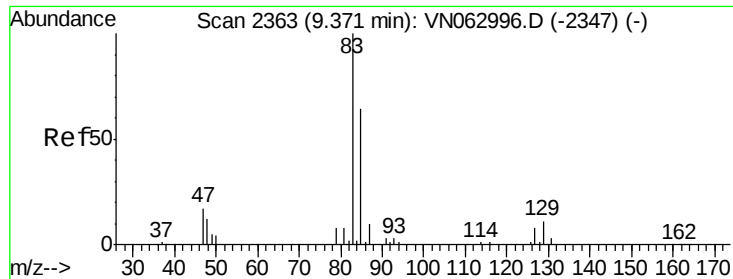
Tot Ion: 63 Resp: 52252
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.6 38.4



#46
 Dibromomethane
 Concen: 18.755 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion: 93 Resp: 29316
 Ion Ratio Lower Upper
 93 100
 95 85.6 66.2 99.4
 174 105.5 84.6 127.0





#47

Bromodichloromethane

Concen: 19.223 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

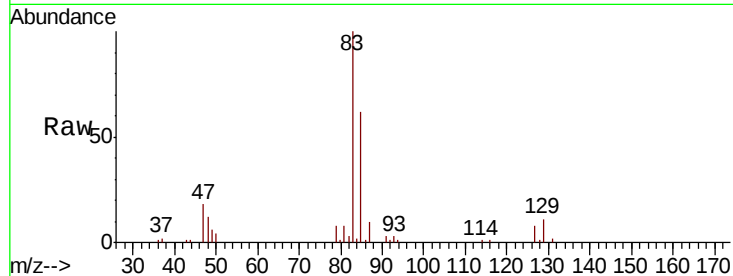
Tot Ion: 83 Resp: 65812

Ion Ratio Lower Upper

83 100

85 62.3 51.1 76.7

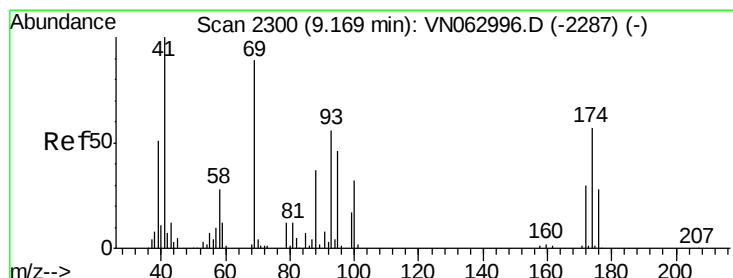
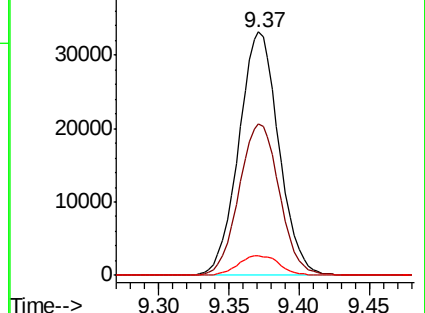
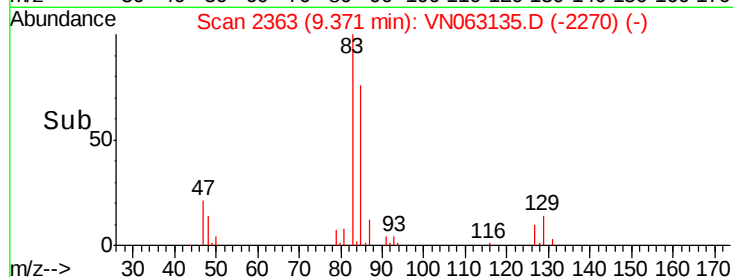
127 7.9 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063135.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN063135.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN063135.D (-2270) (-)



#48

Methyl methacrylate

Concen: 18.584 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

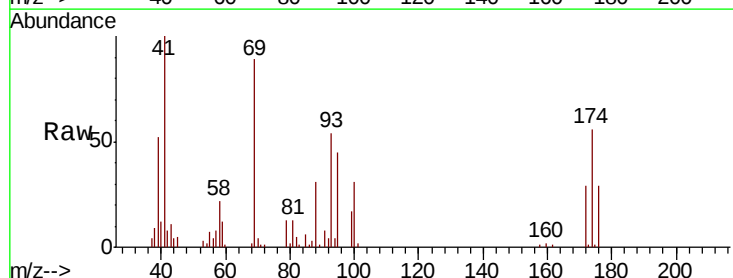
Tgt Ion: 41 Resp: 40285

Ion Ratio Lower Upper

41 100

69 90.9 74.2 111.4

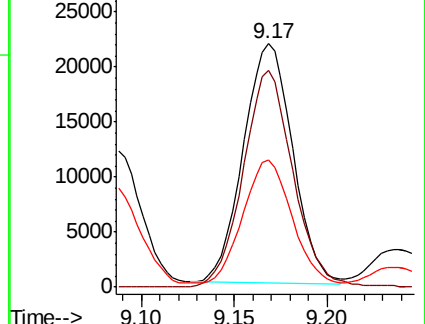
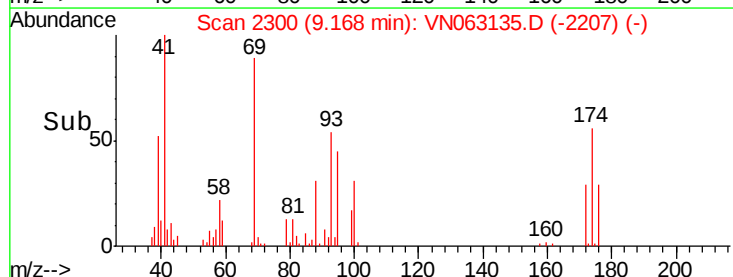
39 54.7 42.5 63.7

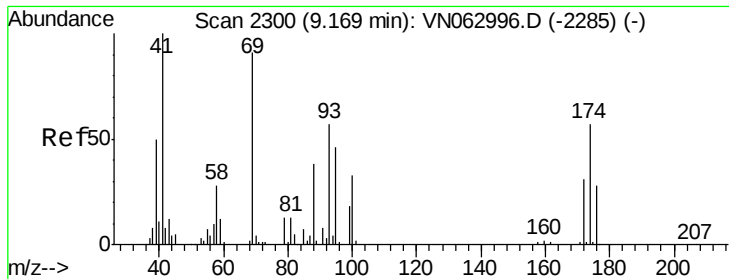


Abundance Ion 41.00 (40.70 to 41.70): VN063135.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN063135.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN063135.D (-2207) (-)

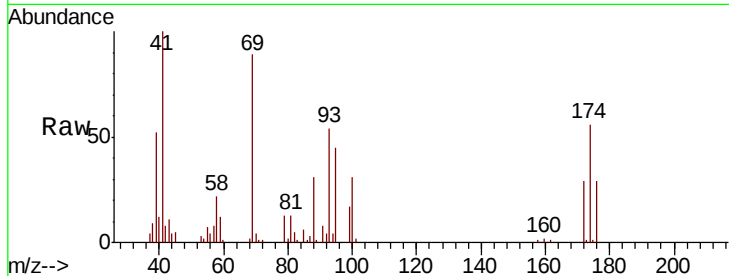




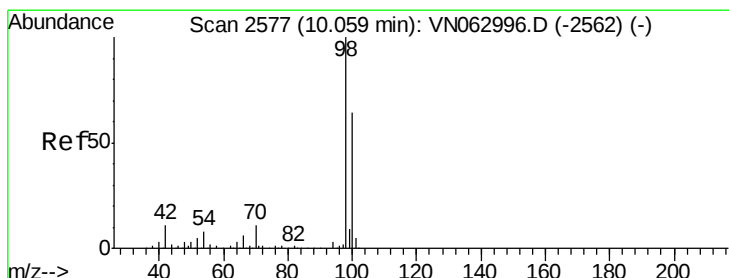
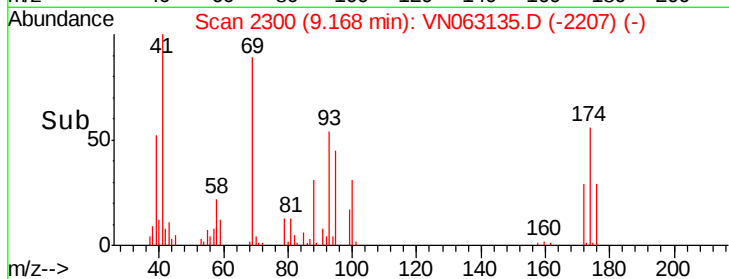
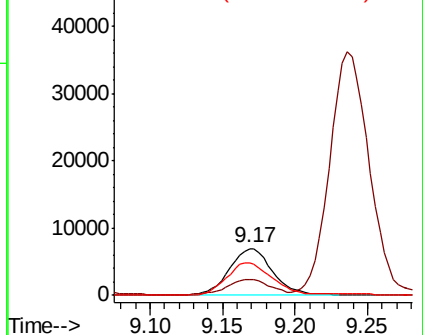
#49
 1,4-Dioxane
 Concen: 314.531 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Tot Ion: 88 Resp: 14496
 Ion Ratio Lower Upper
 88 100
 43 35.0 25.2 37.8
 58 72.6 56.7 85.1

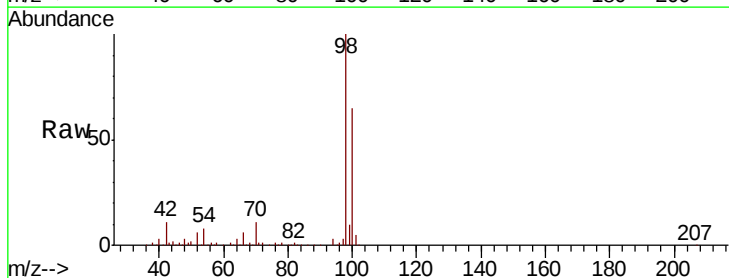


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

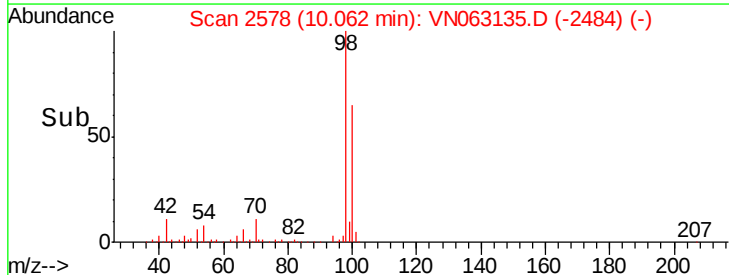
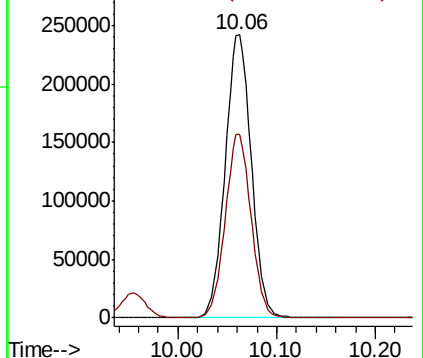


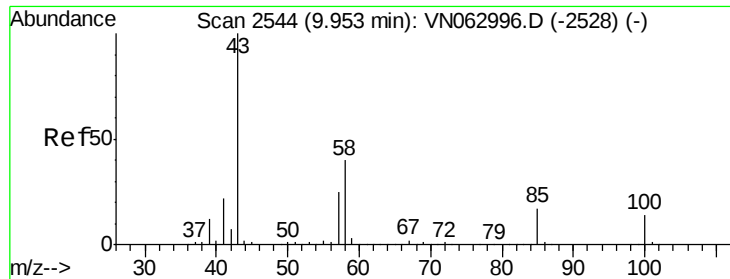
#50
 Toluene-d8
 Concen: 53.514 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion: 98 Resp: 448559
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 92.687 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

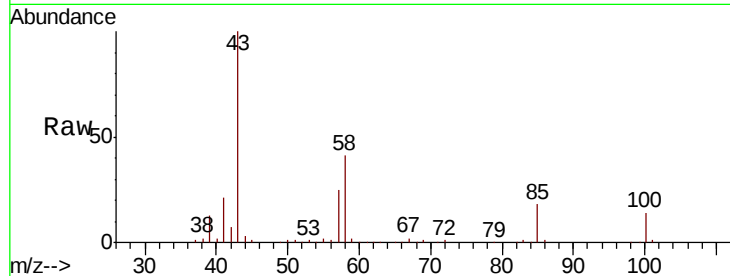
VN0826MBS01

Tot Ion: 43 Resp: 268416

Ion Ratio Lower Upper

43 100

58 40.2 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)

150000

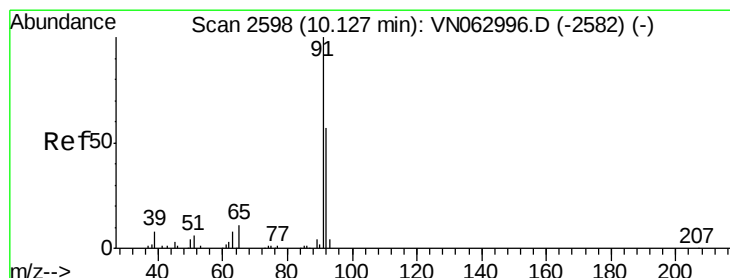
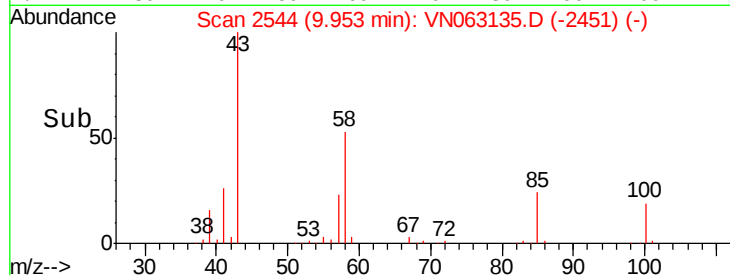
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 19.260 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN063135.D

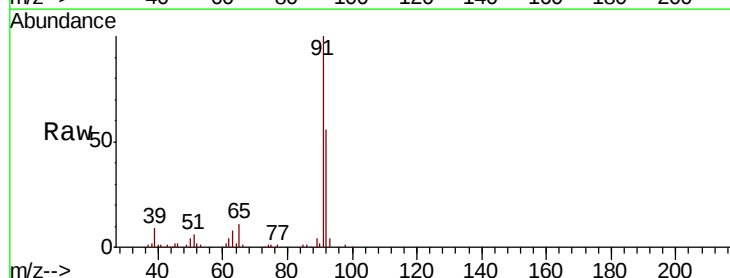
Acq: 26 Aug 2020 16:11

Tgt Ion: 92 Resp: 108758

Ion Ratio Lower Upper

92 100

91 176.3 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062996.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062996.D (-2582) (-)

120000

100000

80000

60000

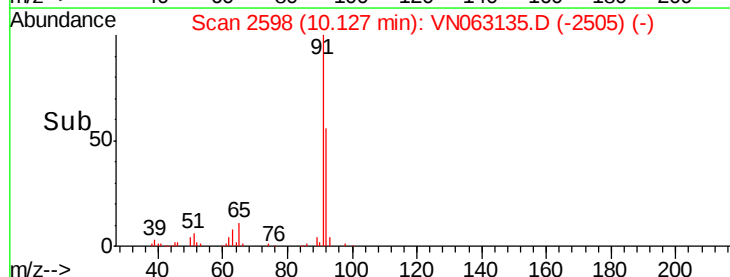
40000

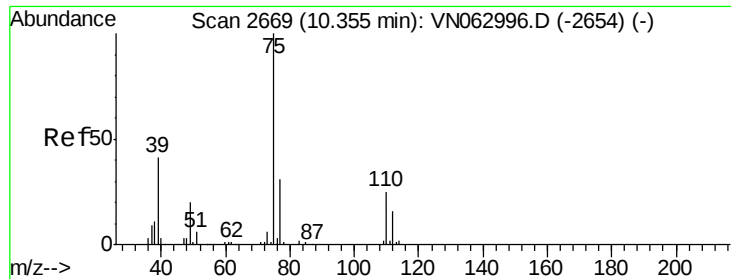
20000

0

10.05 10.10 10.13 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.738 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

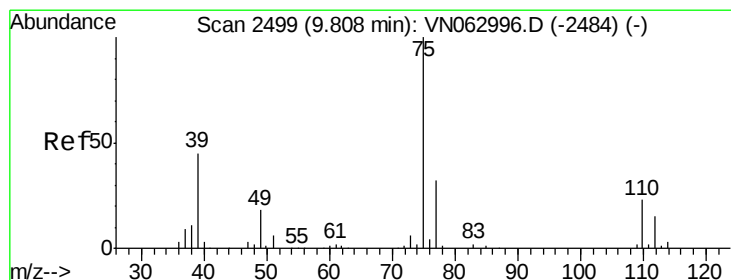
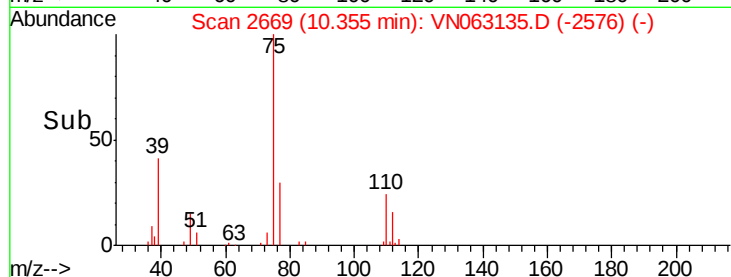
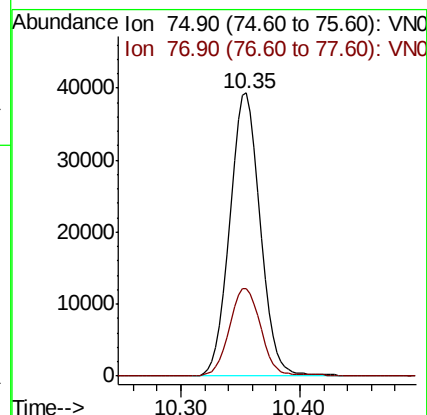
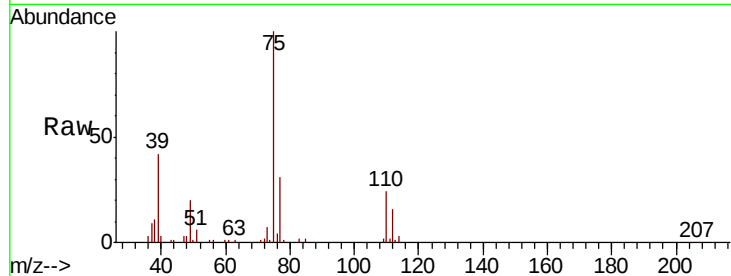
VN0826MBS01

Tot Ion: 75 Resp: 69879

Ion Ratio Lower Upper

75 100

77 31.1 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.090 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

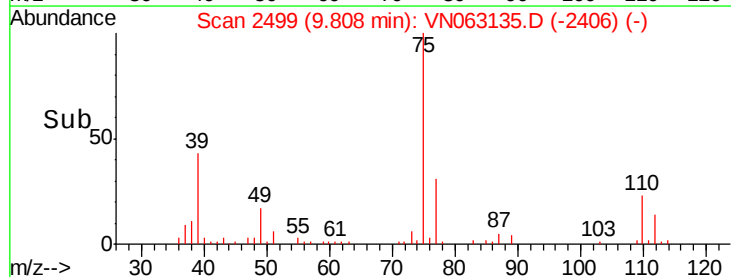
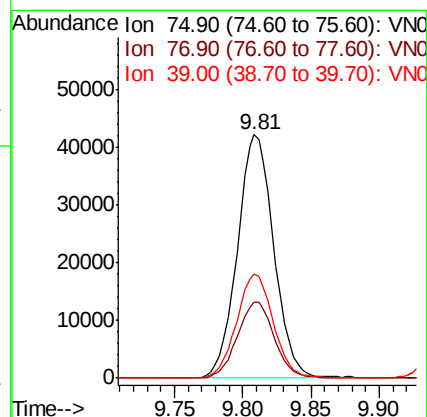
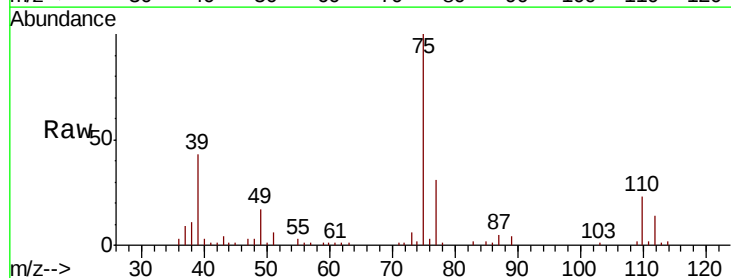
Tgt Ion: 75 Resp: 78025

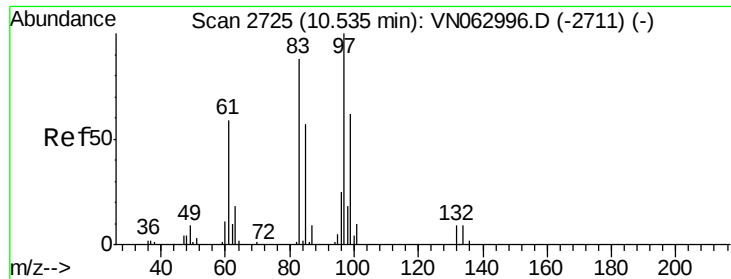
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2

39 42.5 35.7 53.5

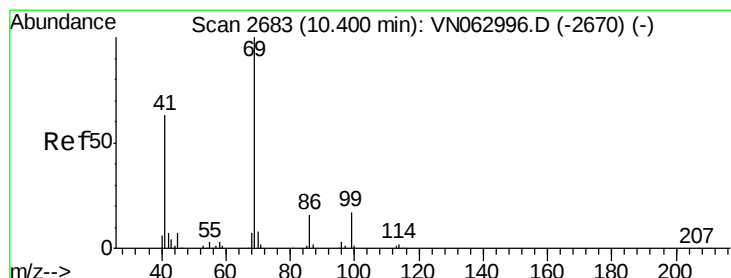
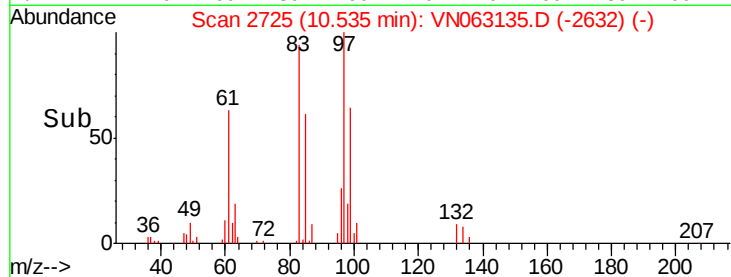
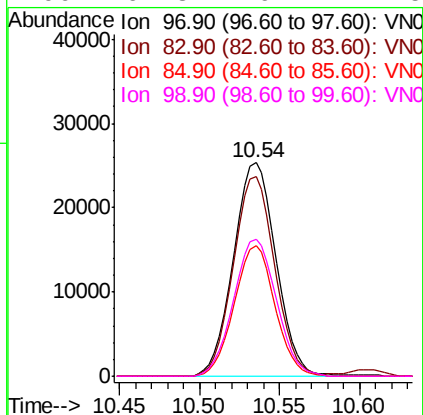
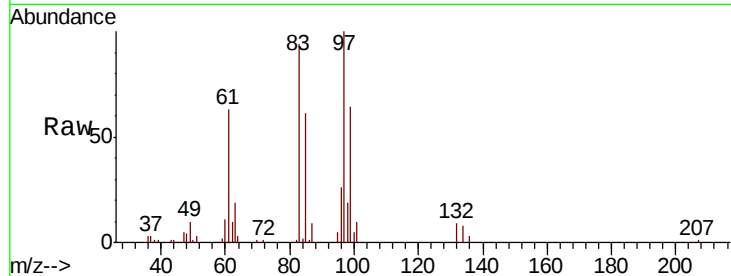




#55
 1,1,2-Trichloroethane
 Concen: 19.054 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

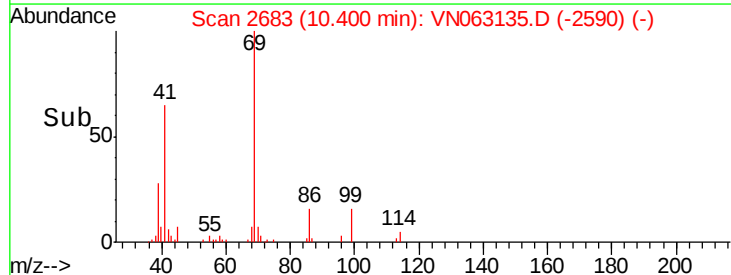
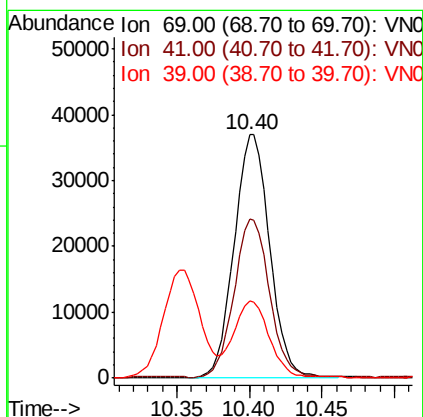
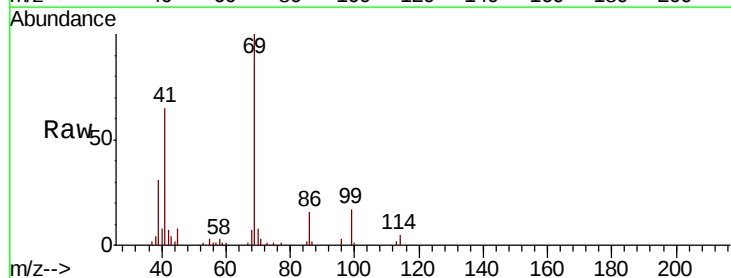
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

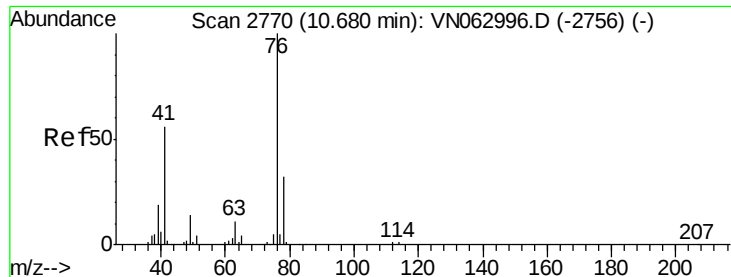
Tot Ion:	97	Resp:	46006
Ion	Ratio	Lower	Upper
97	100		
83	93.6	70.5	105.7
85	61.4	45.8	68.6
99	64.3	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 18.070 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion:	69	Resp:	63089
Ion	Ratio	Lower	Upper
69	100		
41	65.7	50.2	75.2
39	32.8	24.2	36.4





#57

1,3-Dichloropropane

Concen: 19.319 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

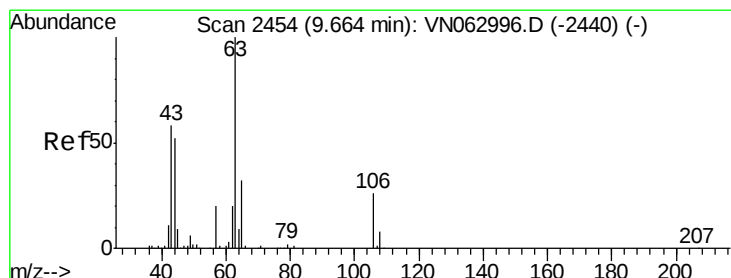
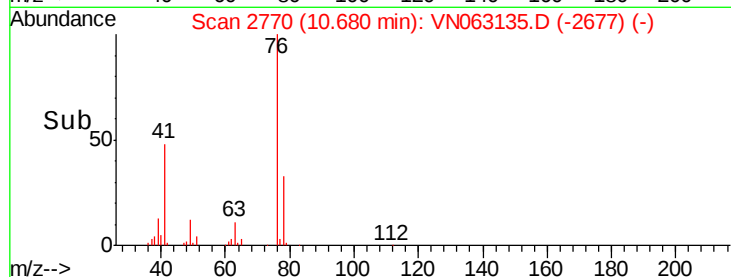
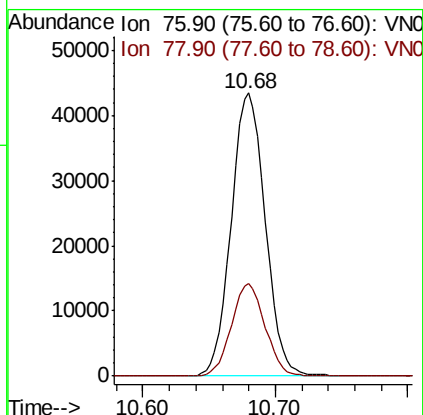
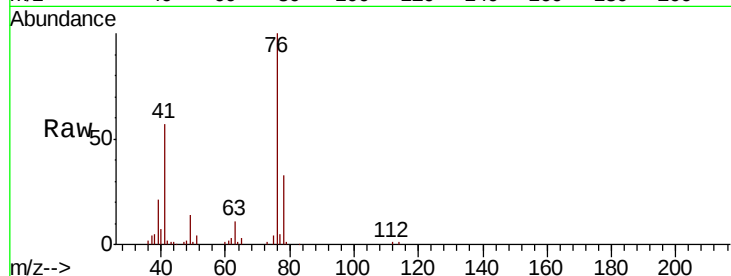
VN0826MBS01

Tot Ion: 76 Resp: 77455

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 174.680 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN063135.D

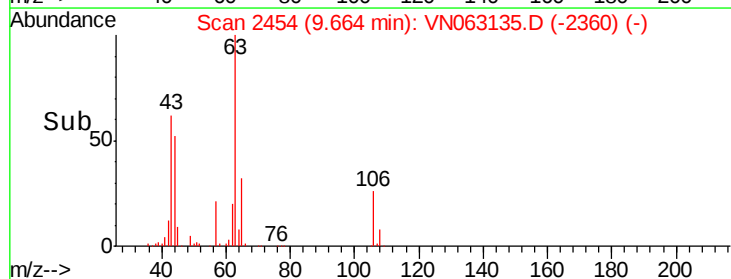
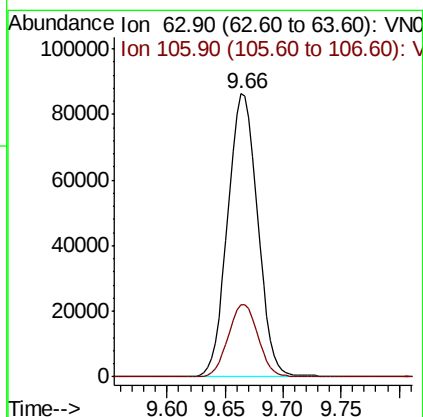
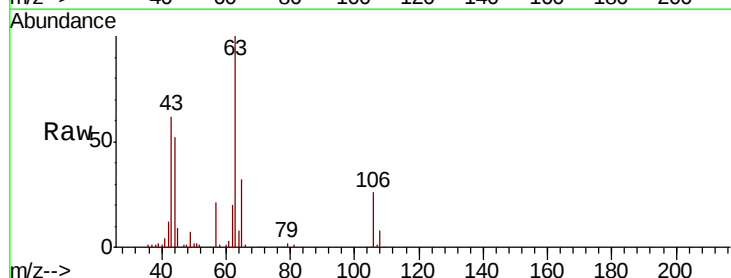
Acq: 26 Aug 2020 16:11

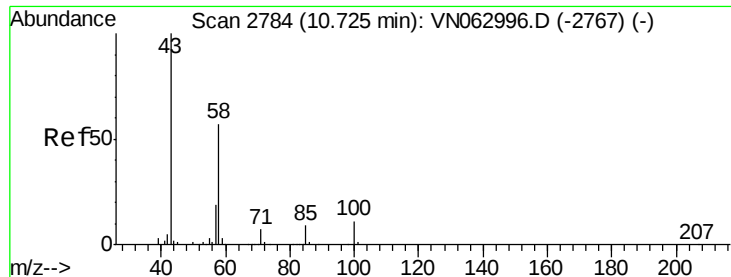
Tgt Ion: 63 Resp: 154862

Ion Ratio Lower Upper

63 100

106 25.4 20.7 31.1

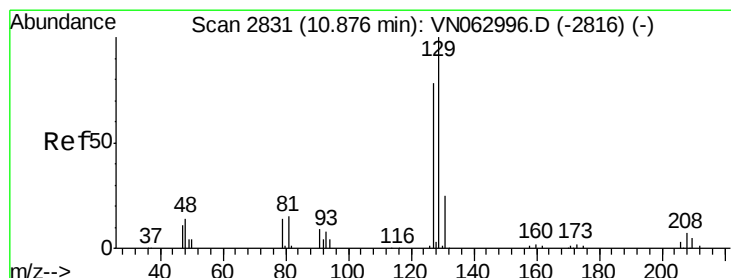
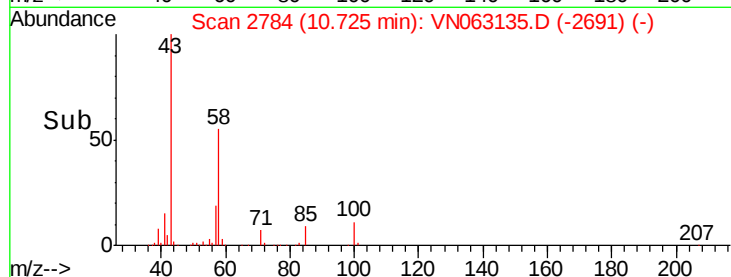
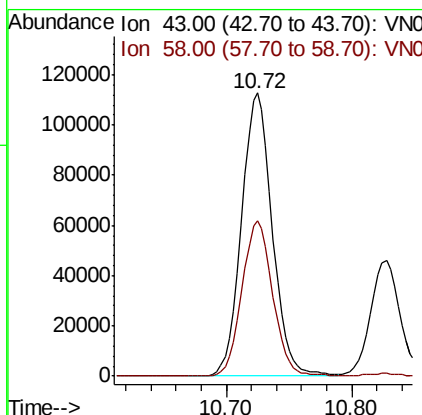
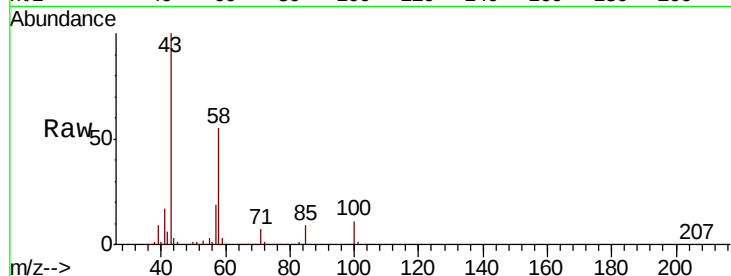




#59
2-Hexanone
Concen: 95.416 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

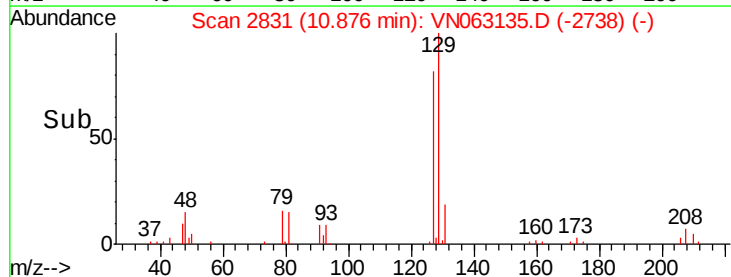
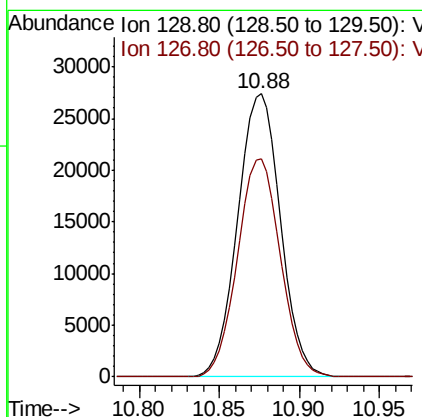
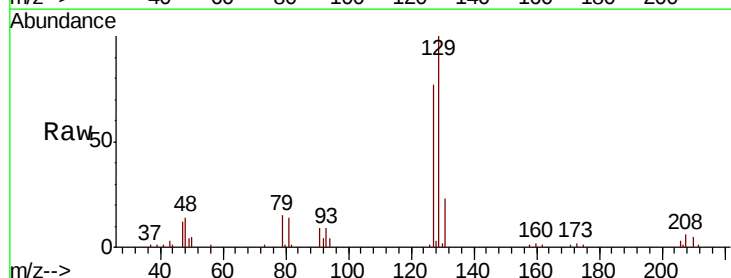
Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

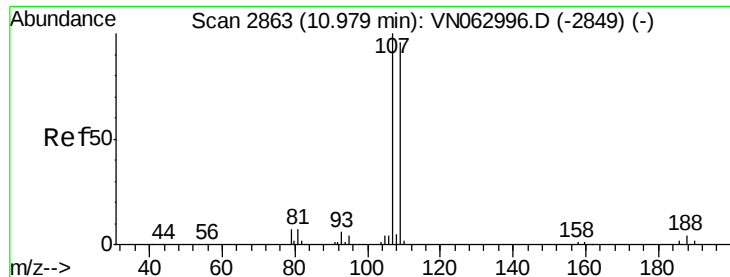
Tot Ion: 43 Resp: 192738
Ion Ratio Lower Upper
43 100
58 54.8 28.1 84.3



#60
Dibromochloromethane
Concen: 18.723 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 129 Resp: 50029
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2

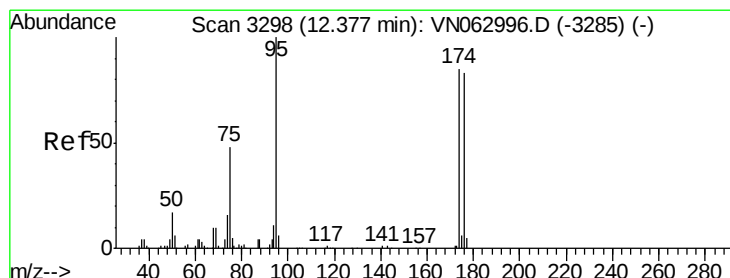
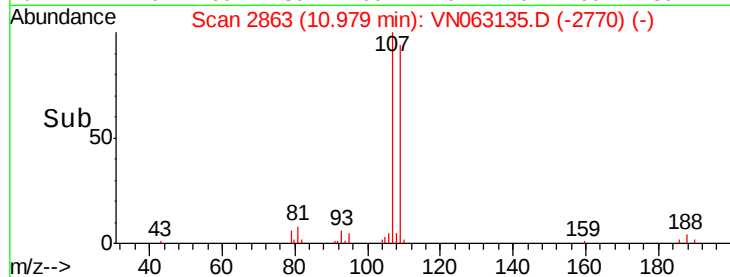
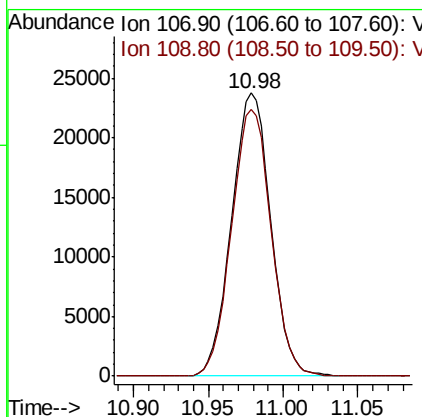
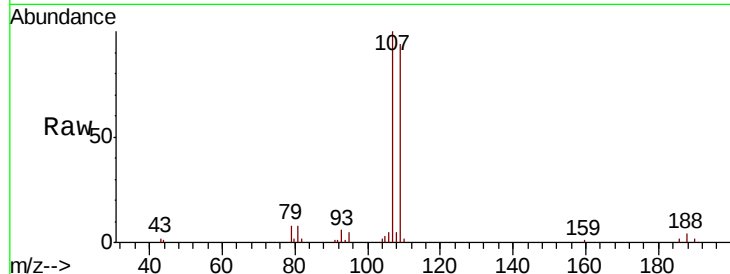




#61
 1,2-Dibromoethane
 Concen: 18.620 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

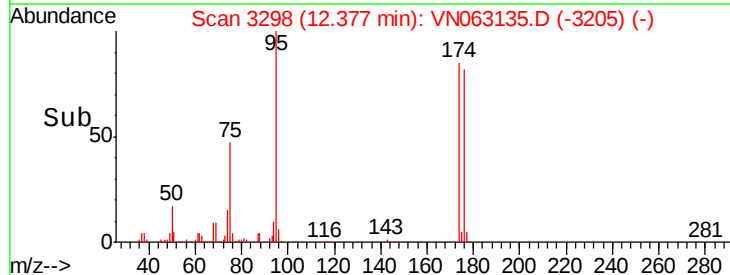
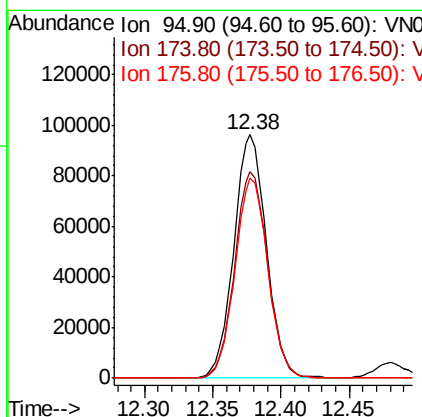
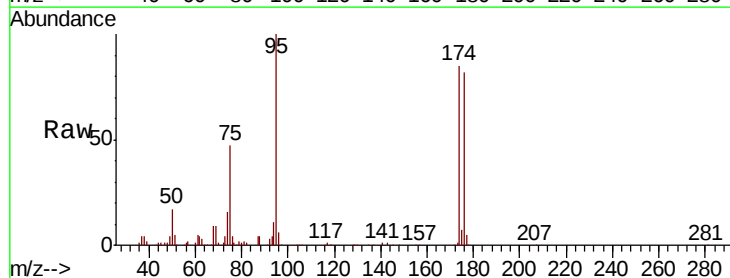
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

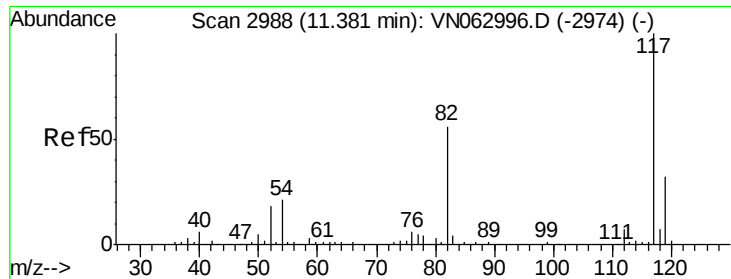
Tot Ion: 107 Resp: 43199
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 53.996 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion: 95 Resp: 159716
 Ion Ratio Lower Upper
 95 100
 174 86.1 0.0 170.8
 176 82.8 0.0 164.8

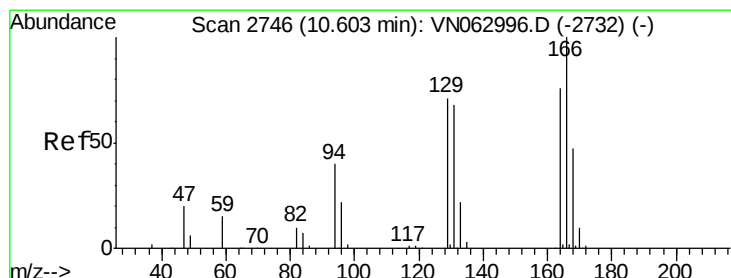
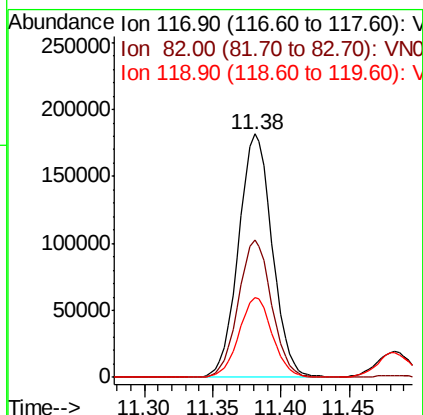
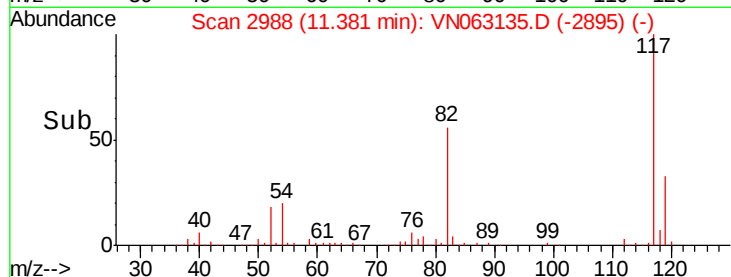
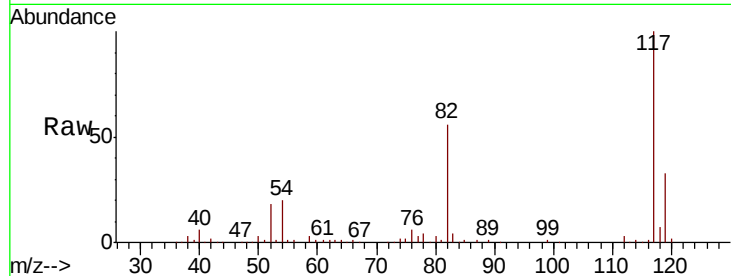




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

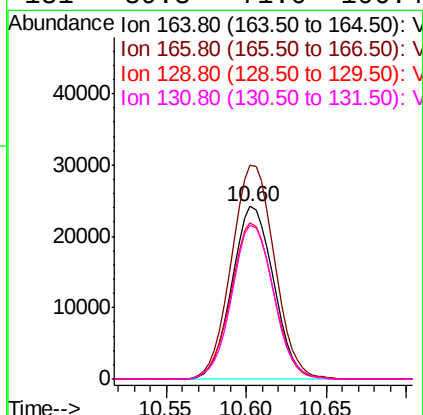
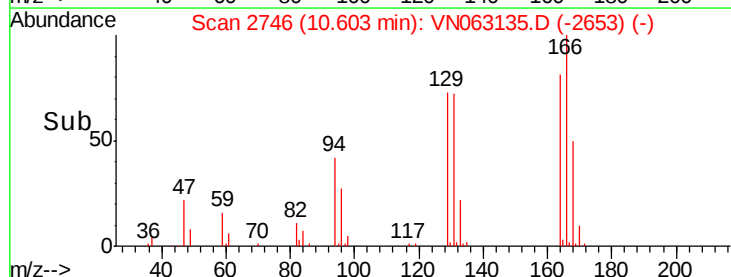
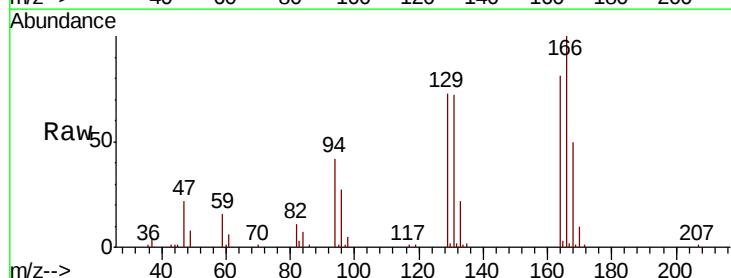
Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

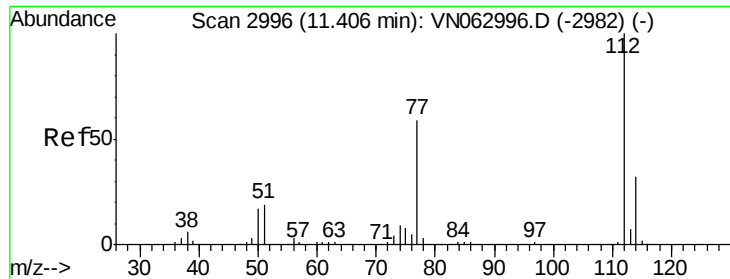
Tot Ion:117 Resp: 311013
Ion Ratio Lower Upper
117 100
82 56.2 44.5 66.7
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 21.036 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion:164 Resp: 43006
Ion Ratio Lower Upper
164 100
166 123.8 105.0 157.6
129 90.9 74.7 112.1
131 89.3 71.0 106.4

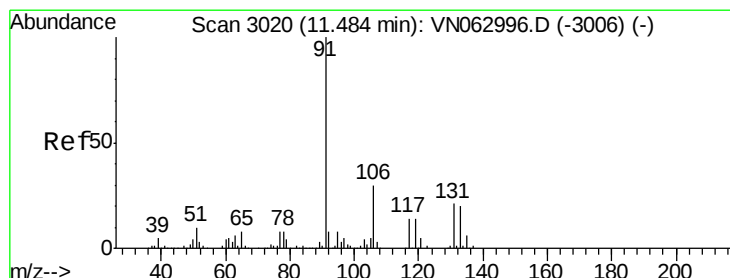
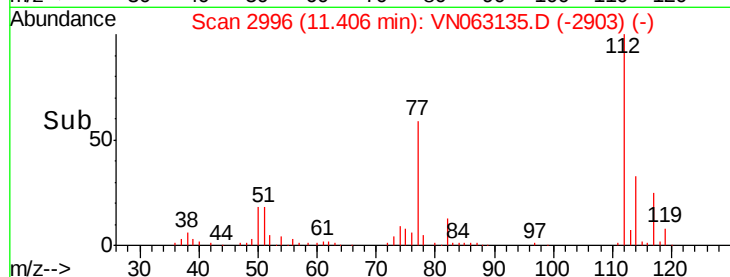
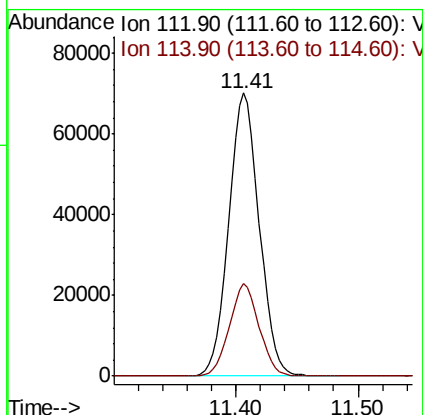
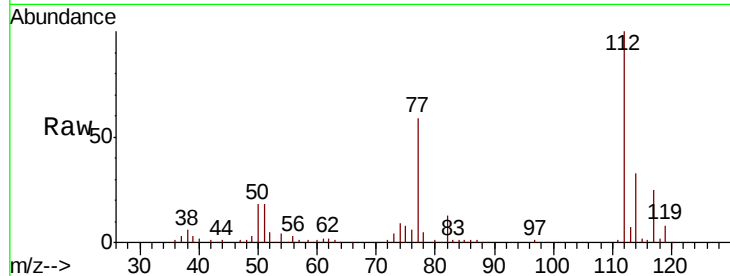




#65
Chlorobenzene
Concen: 19.574 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

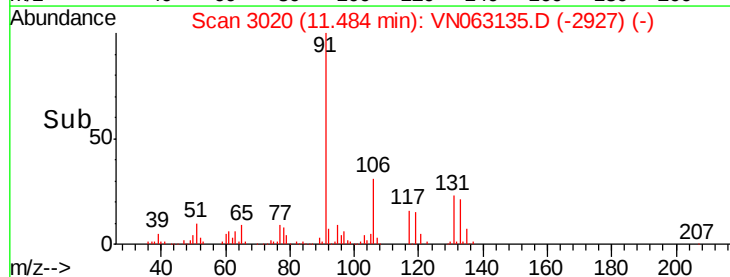
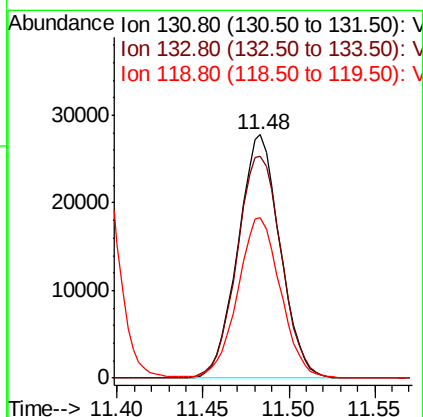
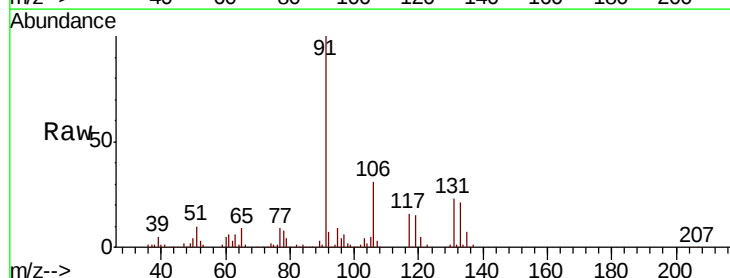
Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

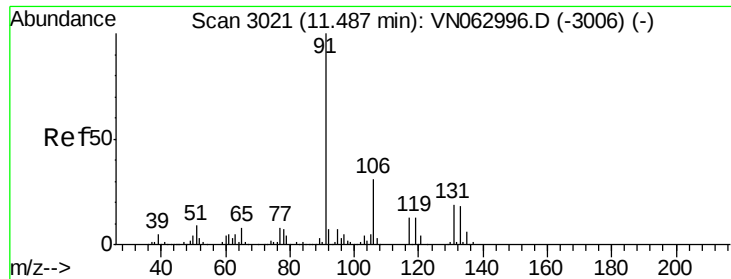
Tot Ion:112 Resp: 122266
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.374 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion:131 Resp: 47069
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.6
119 67.5 33.1 99.3

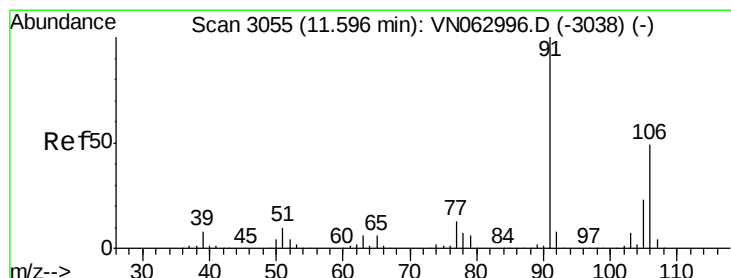
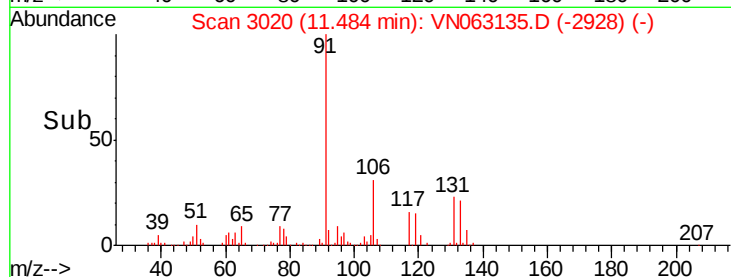
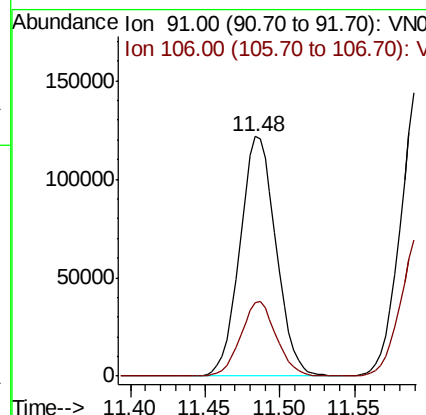
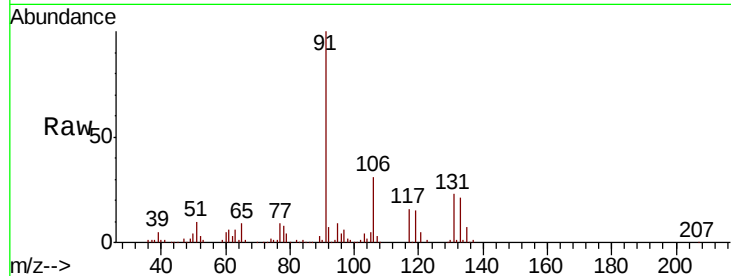




#67
Ethyl Benzene
Concen: 19.373 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

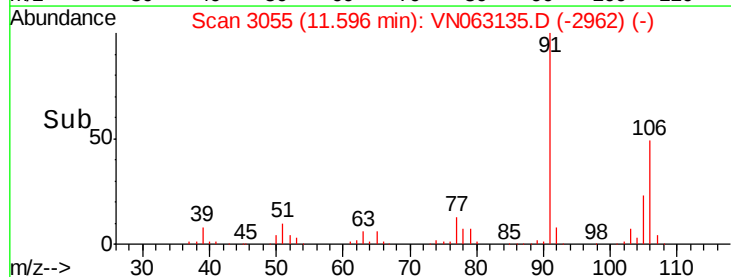
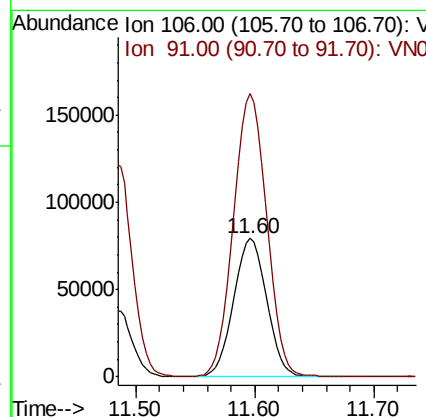
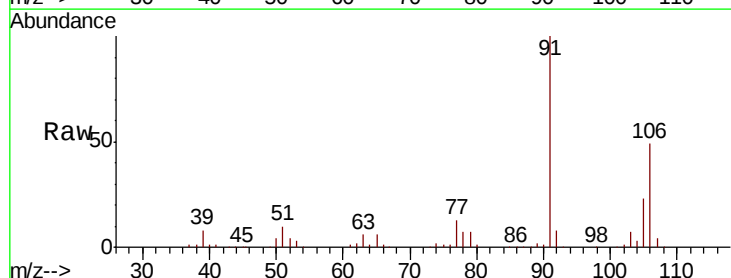
Instrument :
MSVOA_N
ClientSampled :
VN0826MBS01

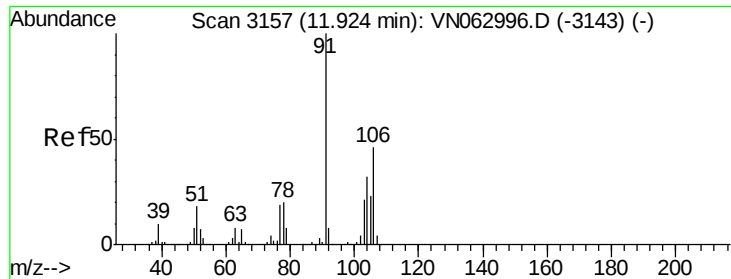
Tot Ion: 91 Resp: 204474
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#68
m/p-Xylenes
Concen: 39.020 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 106 Resp: 153065
Ion Ratio Lower Upper
106 100
91 205.5 163.0 244.4

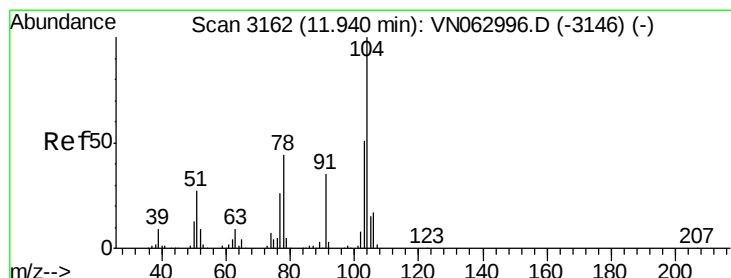
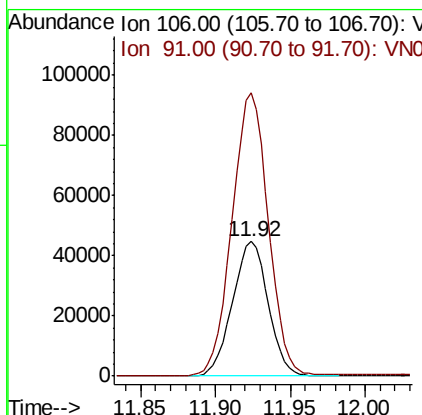
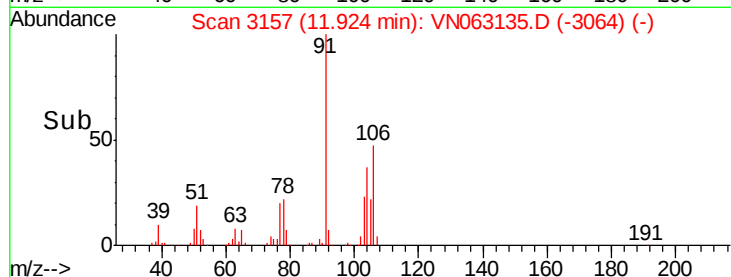
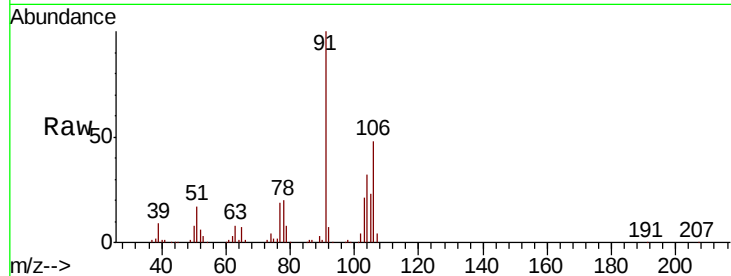




#69
o-Xylene
Concen: 19.743 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

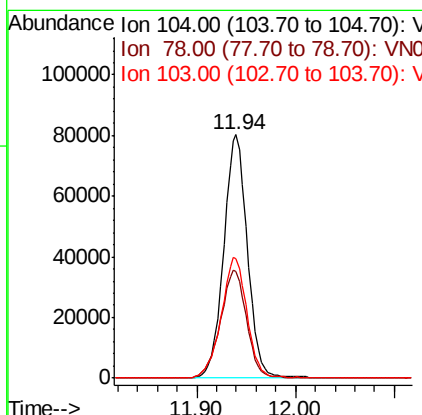
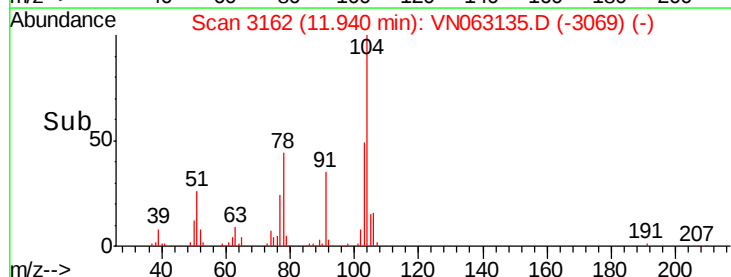
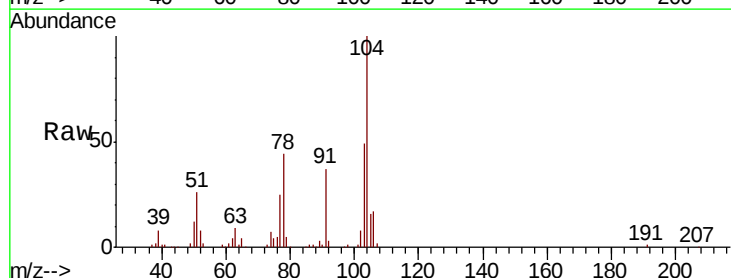
Instrument :
MSVOA_N
ClientSampled :
VN0826MBS01

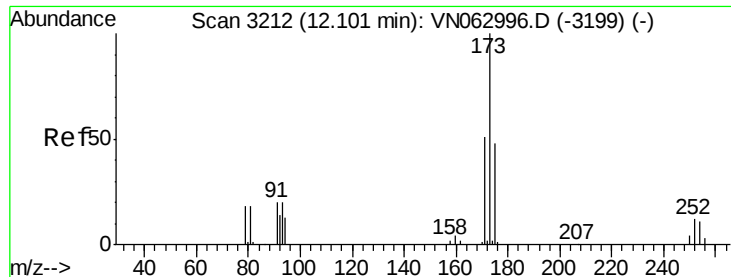
Tot Ion:106 Resp: 74371
Ion Ratio Lower Upper
106 100
91 214.0 107.3 321.9



#70
Styrene
Concen: 19.354 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion:104 Resp: 135514
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 53.5 44.3 66.5





#71

Bromoform

Concen: 19.203 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

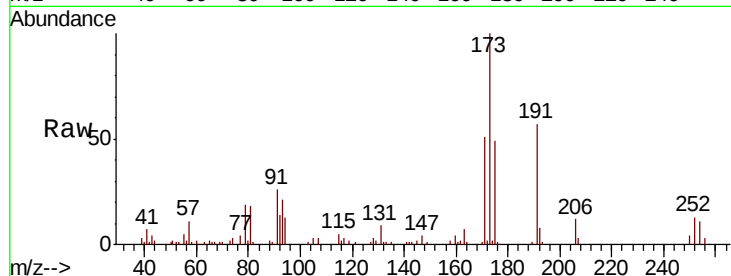
Tot Ion:173 Resp: 37135

Ion Ratio Lower Upper

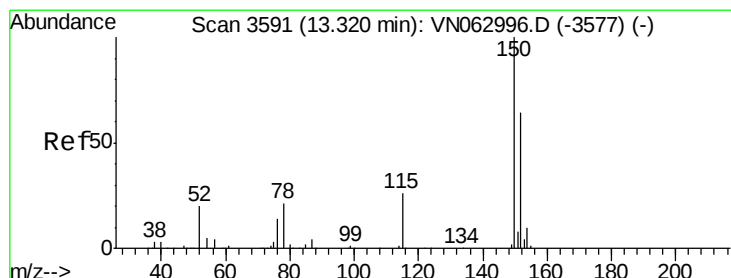
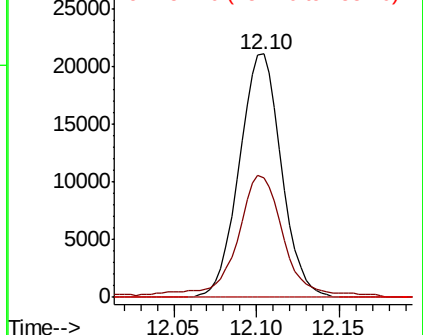
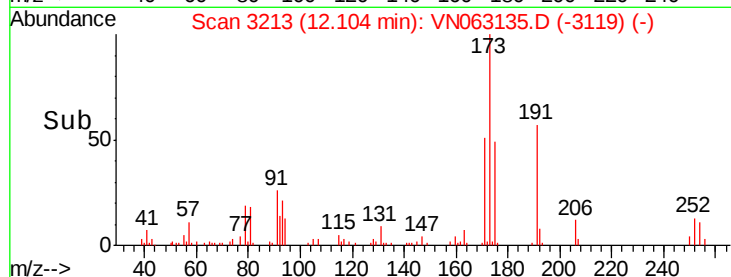
173 100

175 56.7 24.3 72.8

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# 3591

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

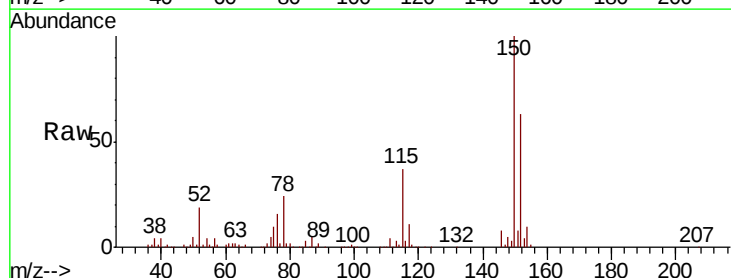
Tgt Ion:152 Resp: 149605

Ion Ratio Lower Upper

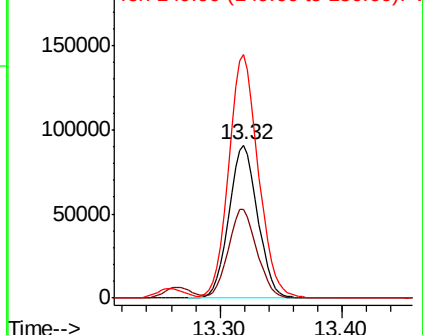
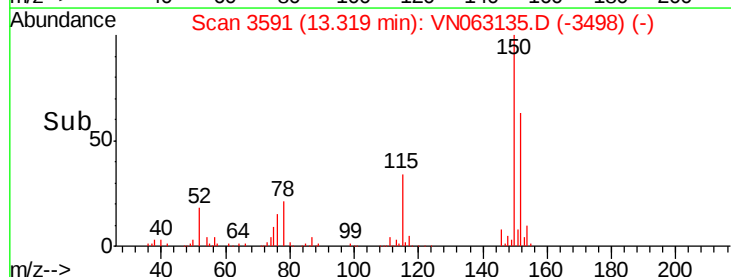
152 100

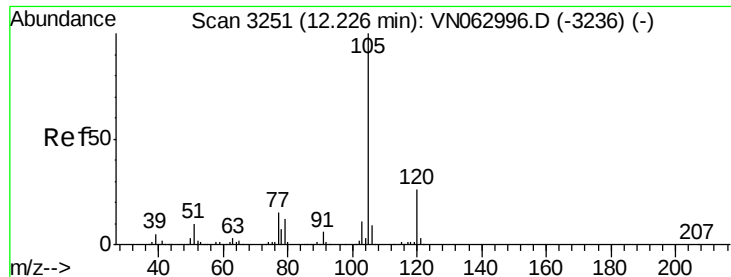
115 57.8 28.7 86.3

150 162.9 0.0 348.8



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: 19.032 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

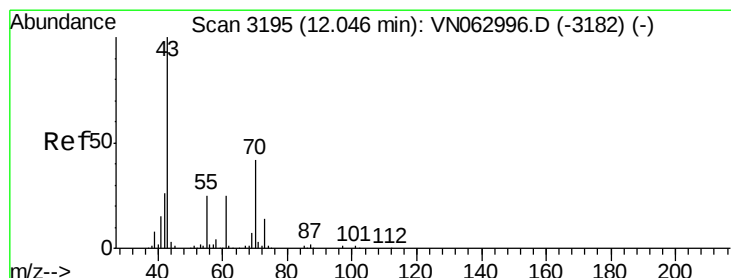
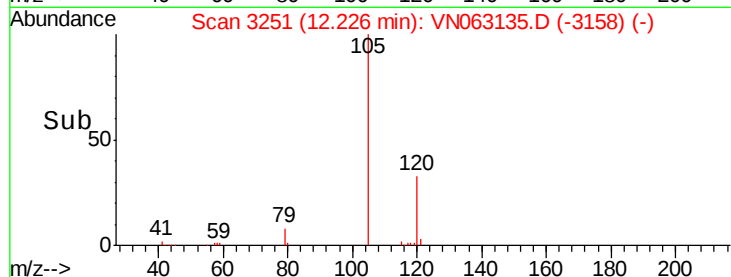
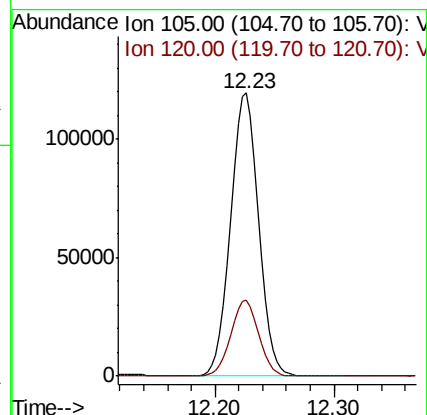
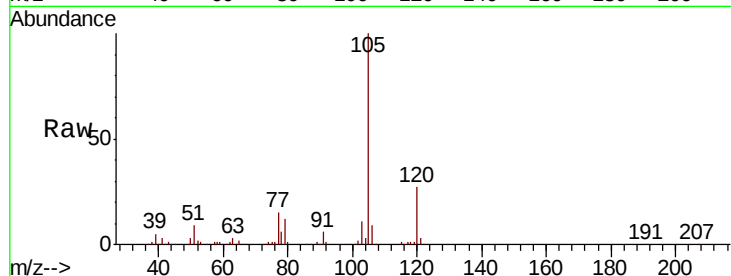
VN0826MBS01

Tot Ion:105 Resp: 194986

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 21.218 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Tgt Ion: 43 Resp: 77855

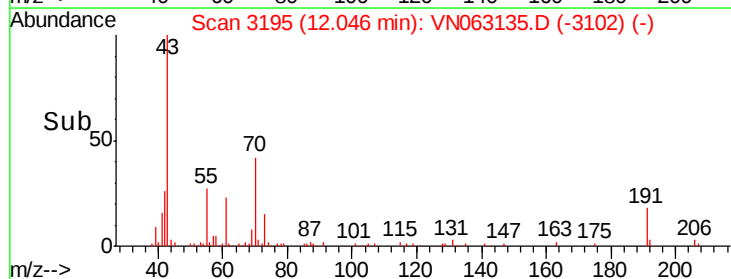
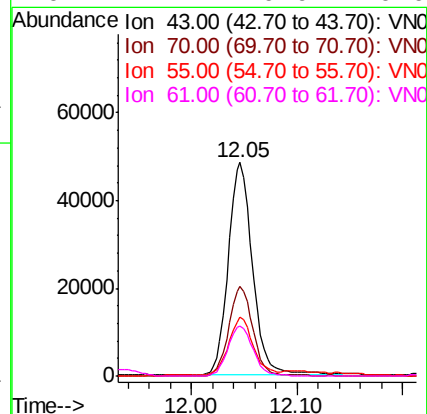
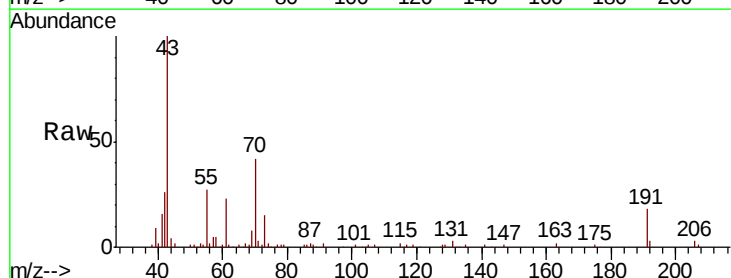
Ion Ratio Lower Upper

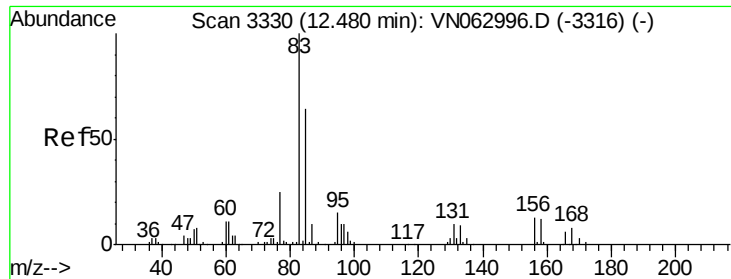
43 100

70 41.4 33.4 50.0

55 29.0 20.2 30.2

61 24.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.450 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

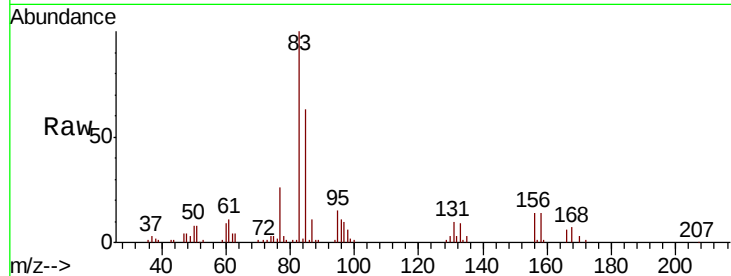
Tot Ion: 83 Resp: 64508

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

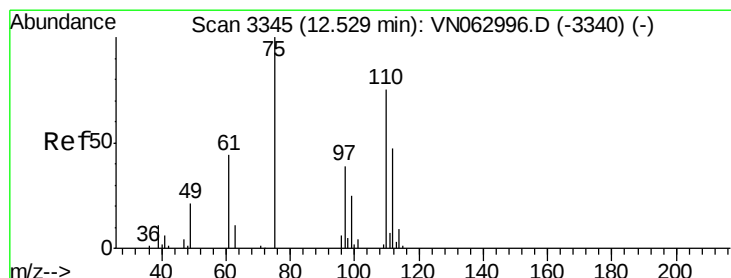
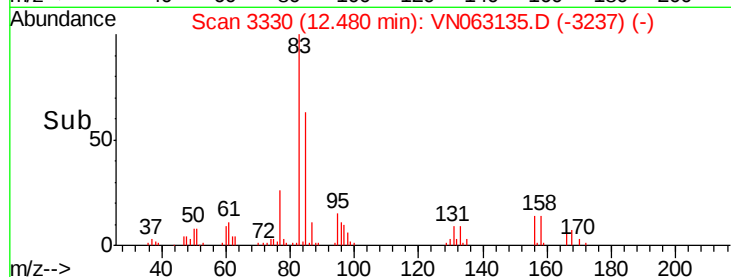
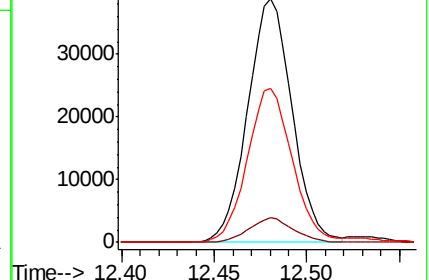
85 63.8 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.221 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN063135.D

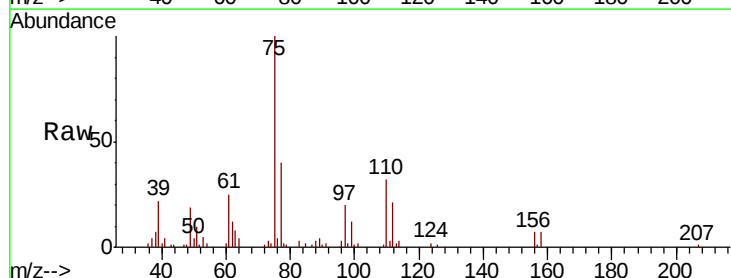
Acq: 26 Aug 2020 16:11

Tgt Ion: 75 Resp: 82066

Ion Ratio Lower Upper

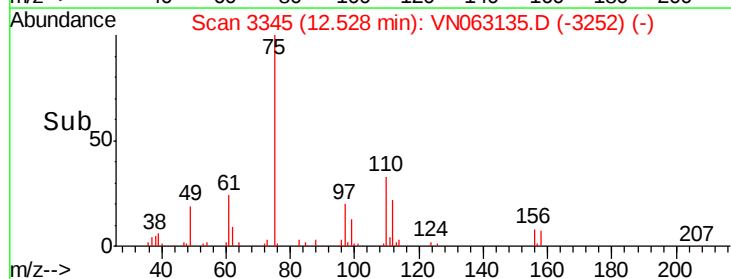
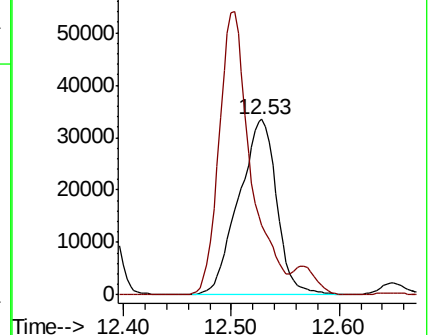
75 100

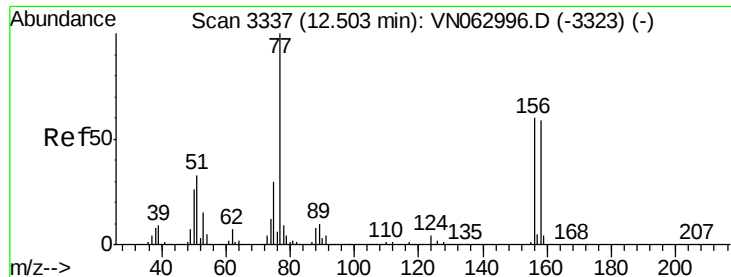
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.052 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

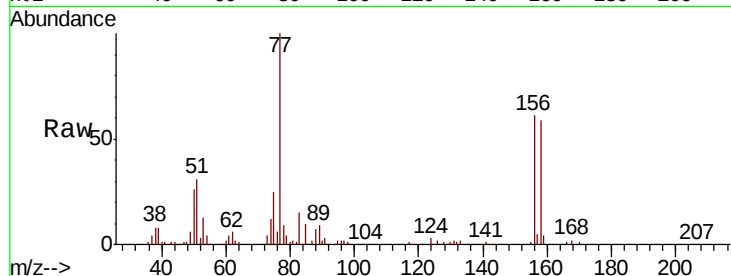
Tot Ion:156 Resp: 56500

Ion Ratio Lower Upper

156 100

77 196.0 101.0 302.9

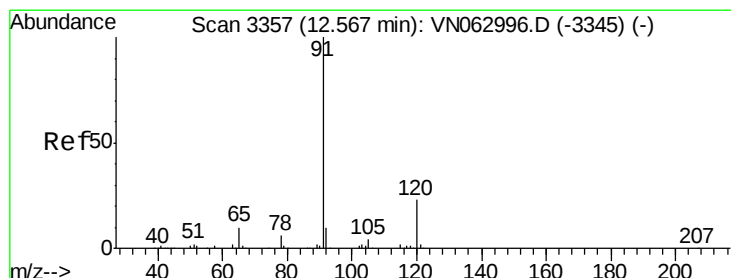
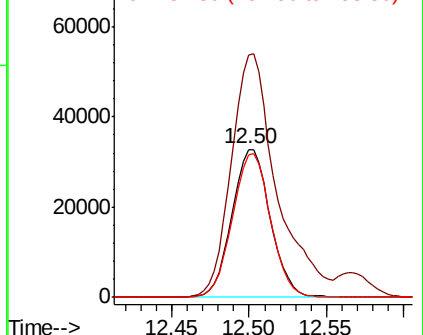
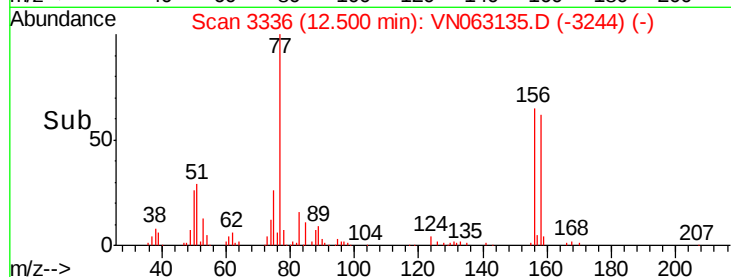
158 96.4 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.297 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063135.D

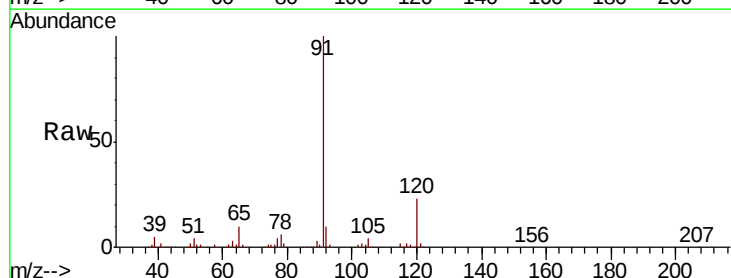
Acq: 26 Aug 2020 16:11

Tgt Ion: 91 Resp: 213658

Ion Ratio Lower Upper

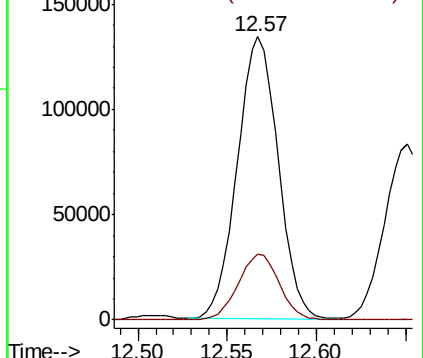
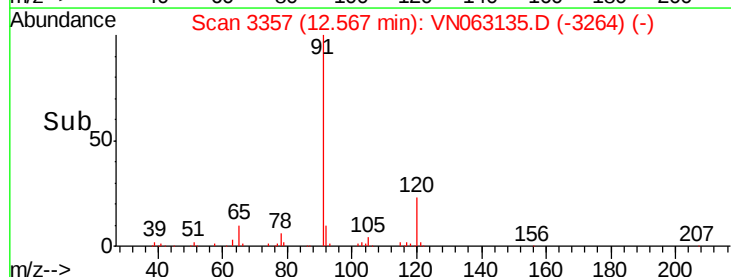
91 100

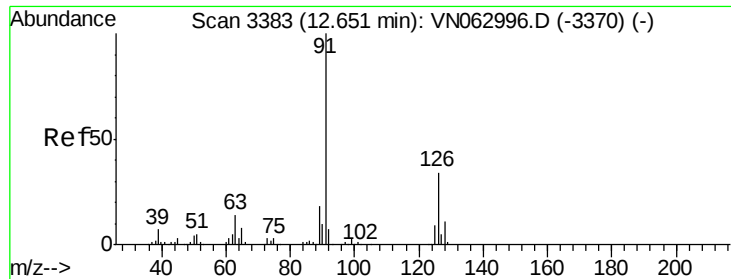
120 23.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

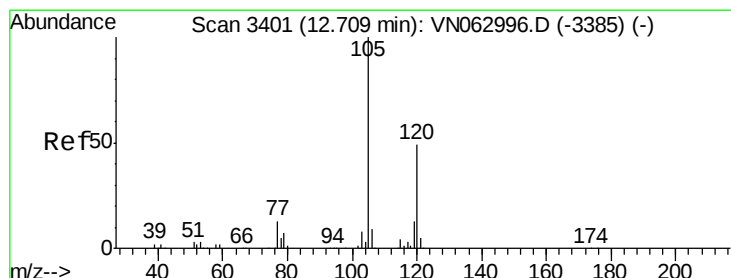
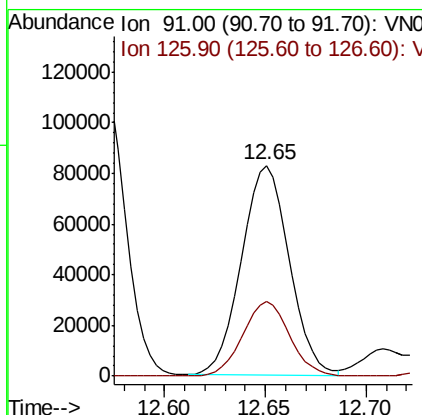
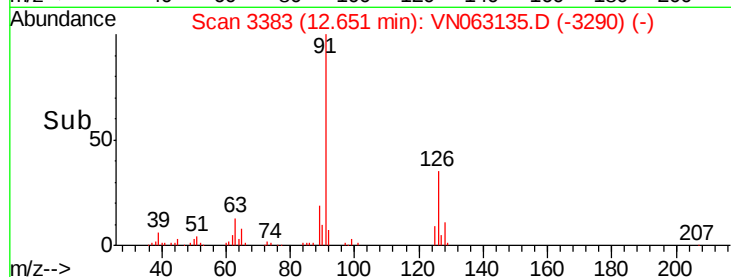
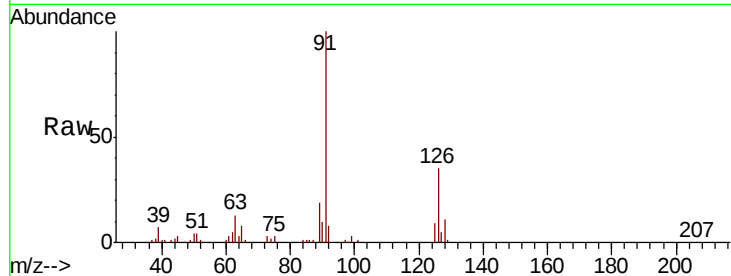




#79
 2-Chlorotoluene
 Concen: 18.690 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

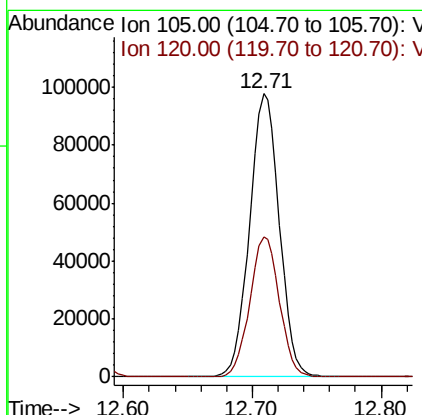
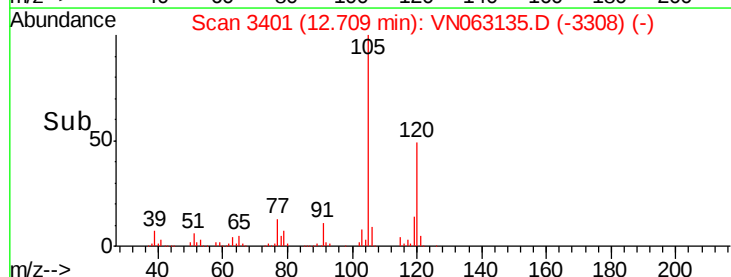
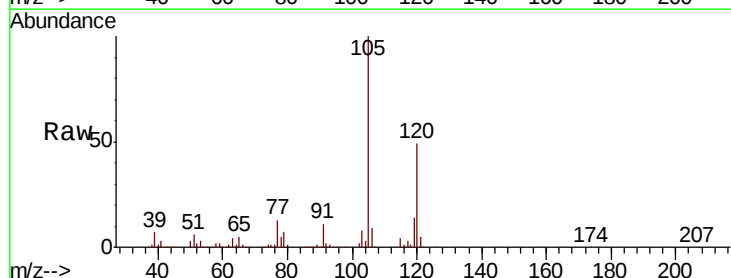
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

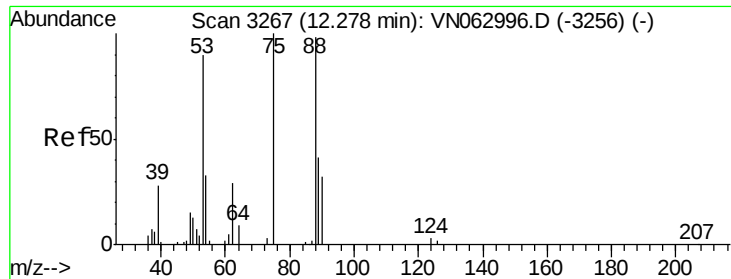
Tot Ion: 91 Resp: 137279
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 18.572 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion: 105 Resp: 157286
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.917 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

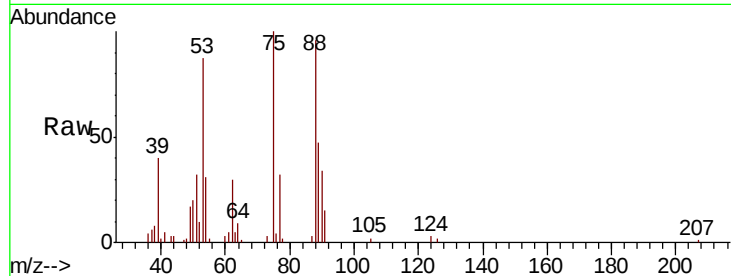
Tot Ion: 75 Resp: 21088

Ion Ratio Lower Upper

75 100

53 89.0 69.2 103.8

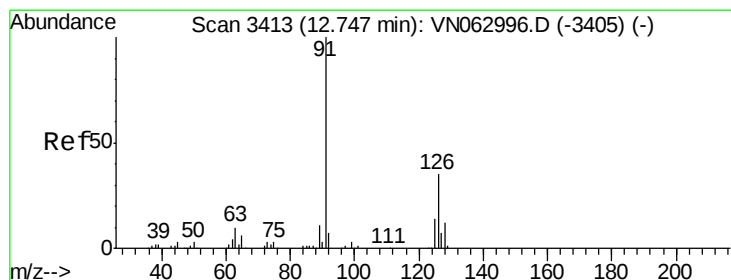
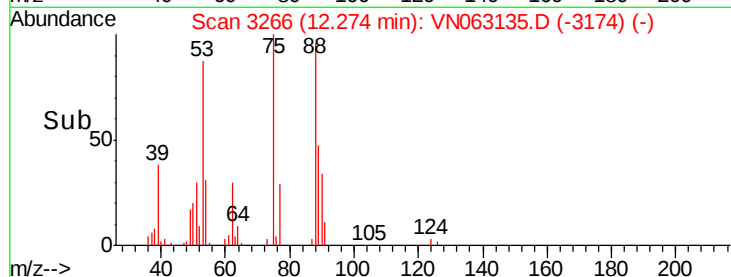
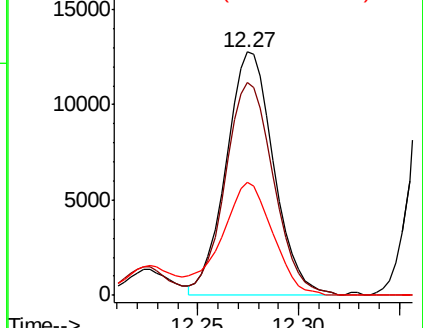
89 49.4 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.522 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN063135.D

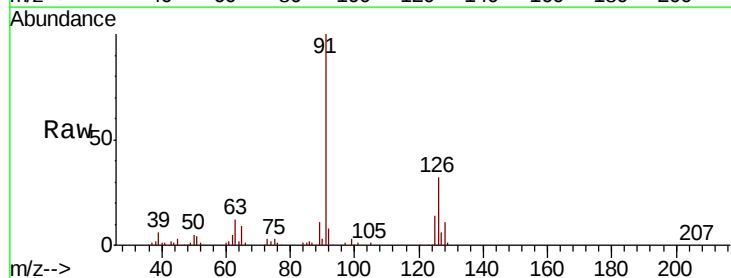
Acq: 26 Aug 2020 16:11

Tgt Ion: 91 Resp: 146007

Ion Ratio Lower Upper

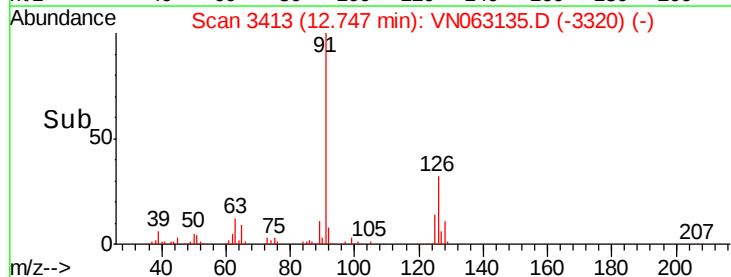
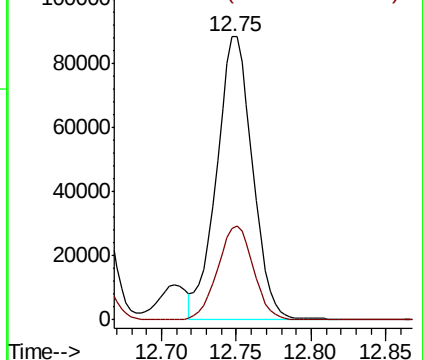
91 100

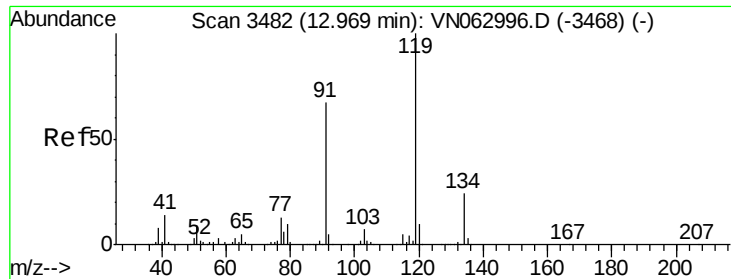
126 33.4 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

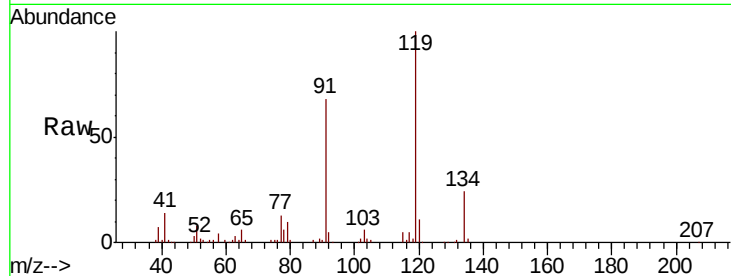




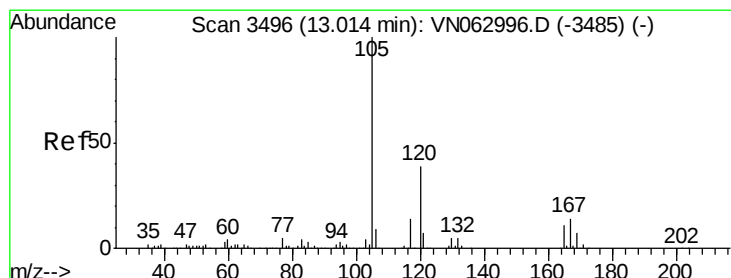
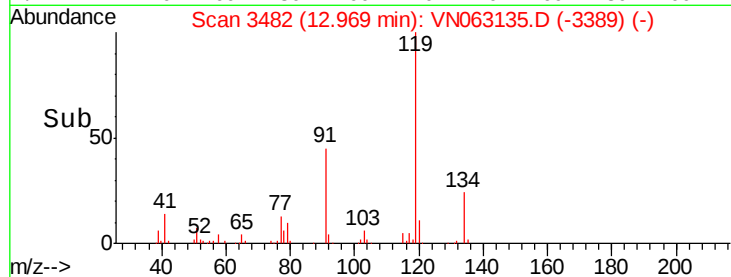
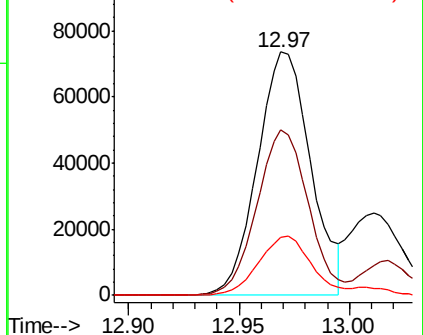
#83
tert-Butylbenzene
Concen: 16.830 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion:119 Resp: 123022
Ion Ratio Lower Upper
119 100
91 65.7 32.5 97.4
134 24.3 13.1 39.3

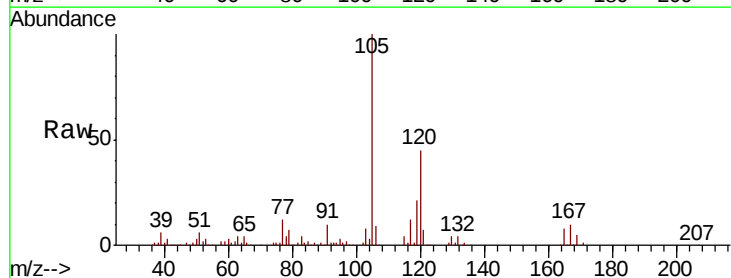


Abundance Ion 119.00 (118.70 to 119.70): V
100000 Ion 91.00 (90.70 to 91.70): VN
Ion 134.00 (133.70 to 134.70): V

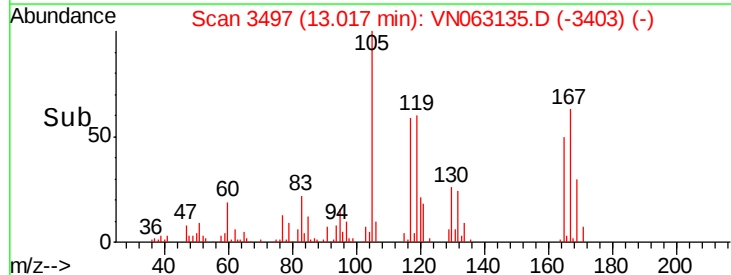
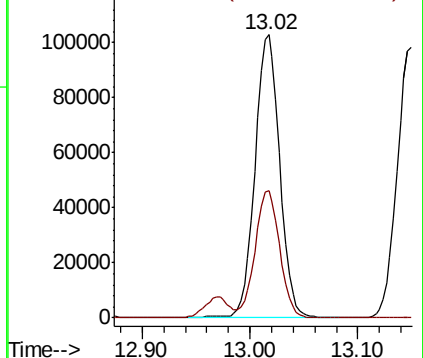


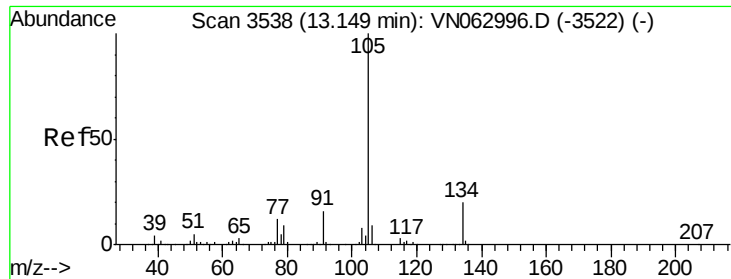
#84
1,2,4-Trimethylbenzene
Concen: 19.782 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion:105 Resp: 163212
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V
120000 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 16.050 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

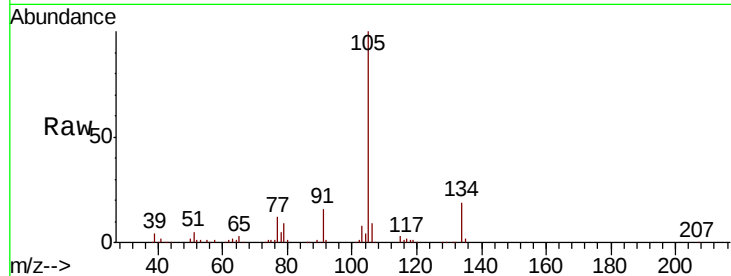
VN0826MBS01

Tot Ion:105 Resp: 158560

Ion Ratio Lower Upper

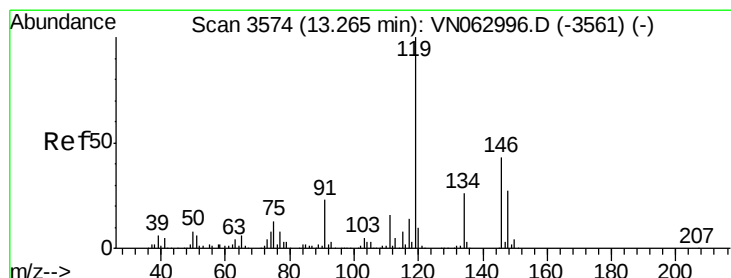
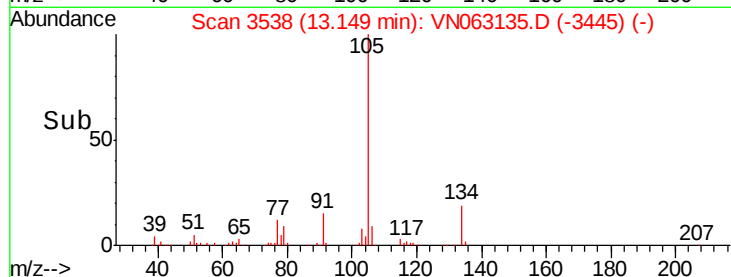
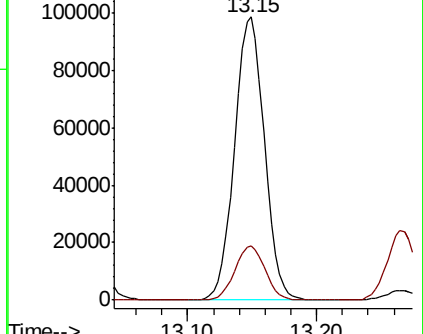
105 100

134 19.2 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.640 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

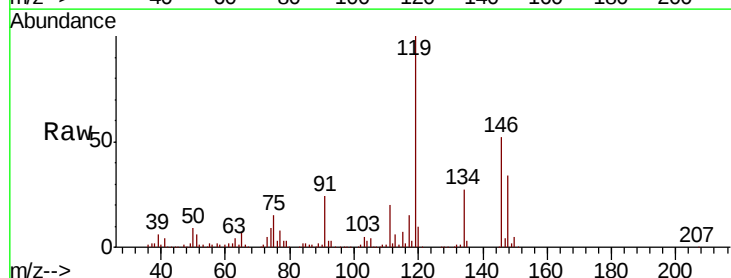
Tgt Ion:119 Resp: 143235

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

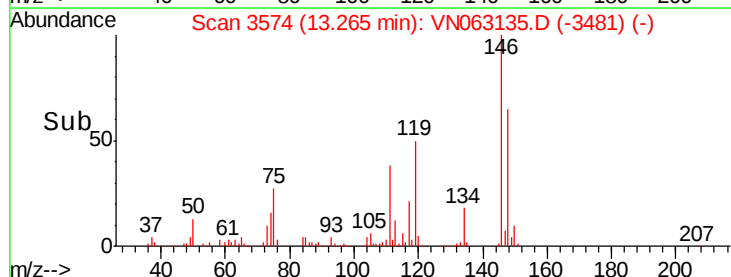
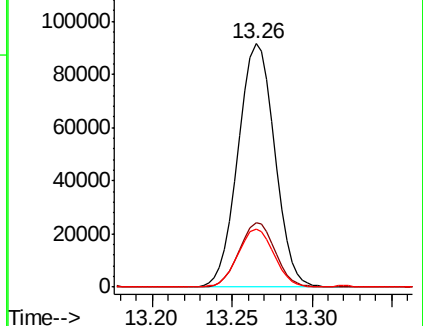
91 23.5 11.5 34.4

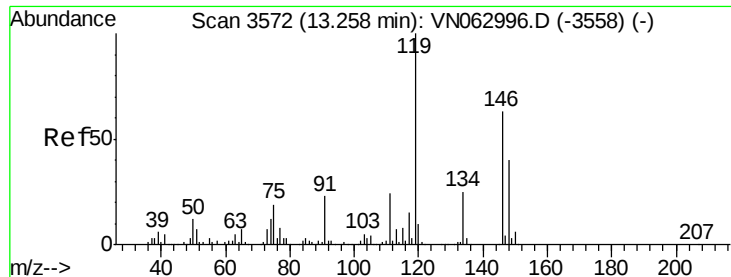


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.456 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0826MBS01

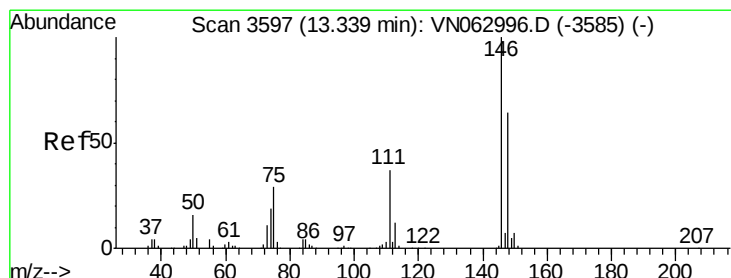
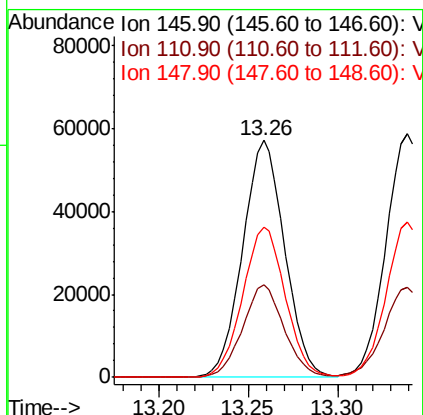
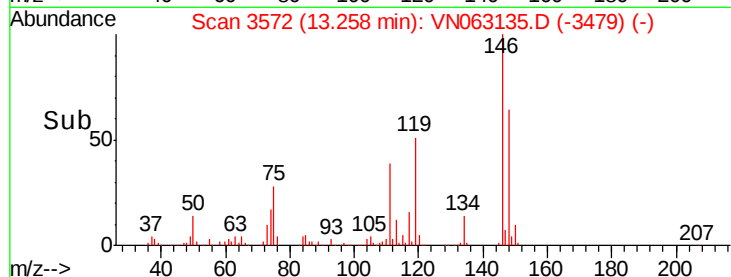
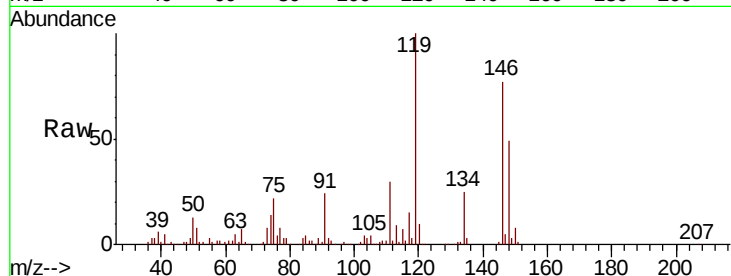
Tot Ion:146 Resp: 94214

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.1

148 64.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.528 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN063135.D

Acq: 26 Aug 2020 16:11

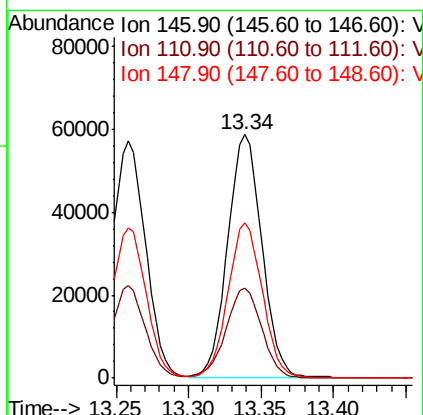
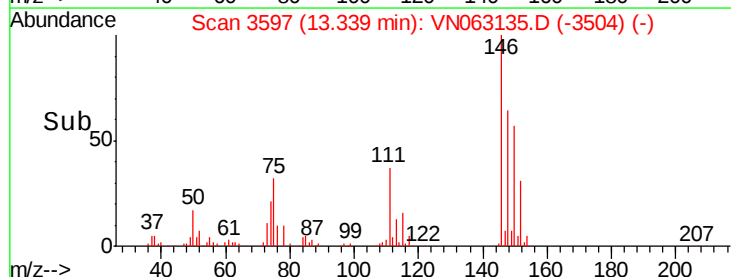
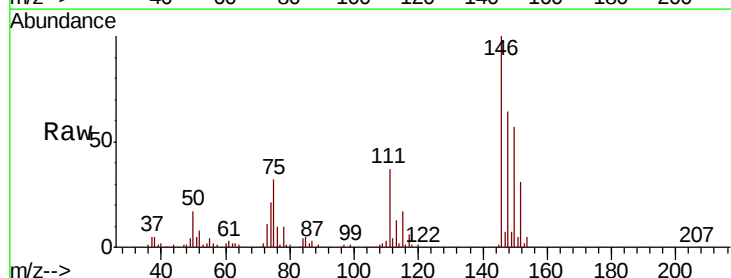
Tgt Ion:146 Resp: 95976

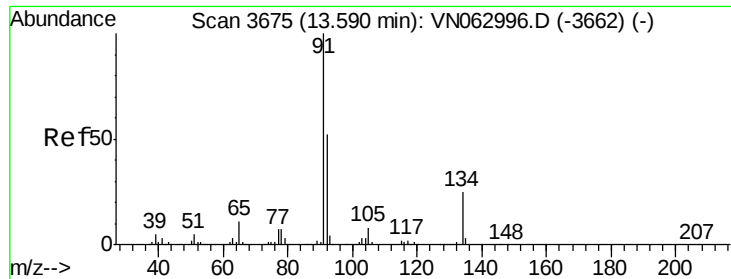
Ion Ratio Lower Upper

146 100

111 39.0 18.8 56.4

148 64.1 32.4 97.0

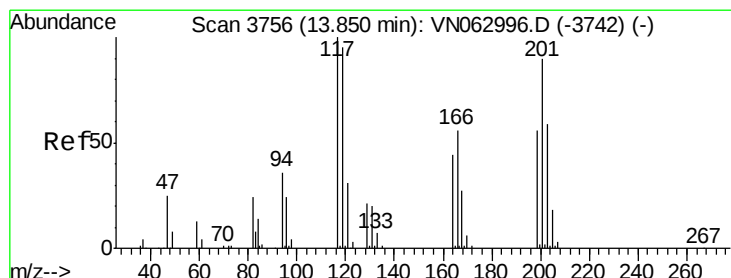
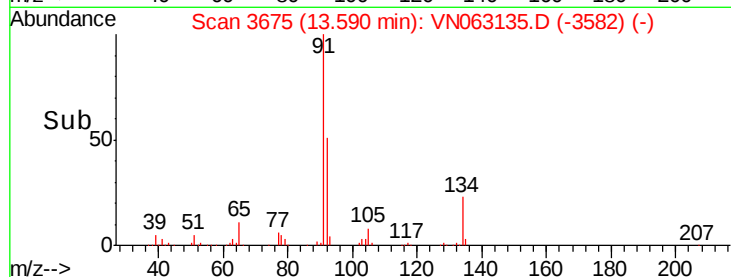
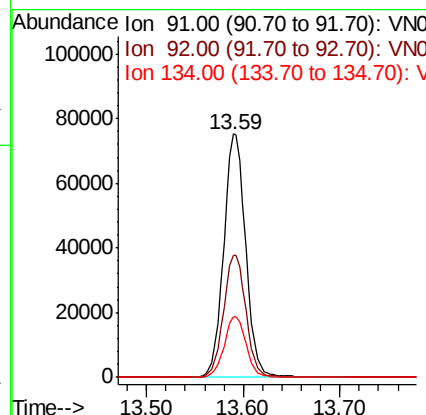
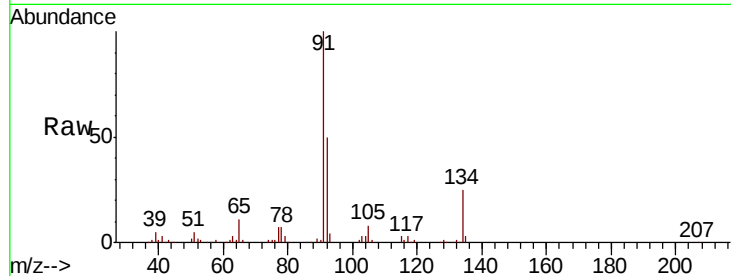




#89
n-Butylbenzene
Concen: 16.507 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

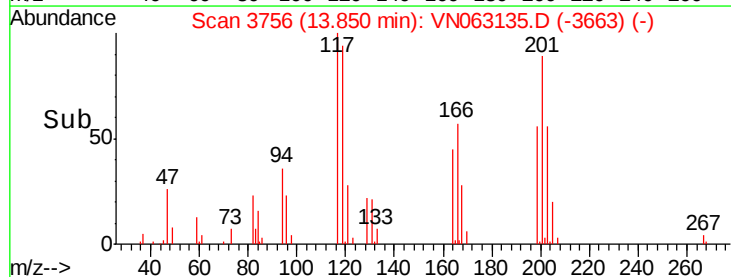
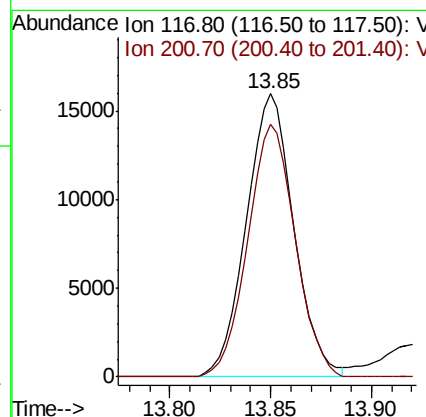
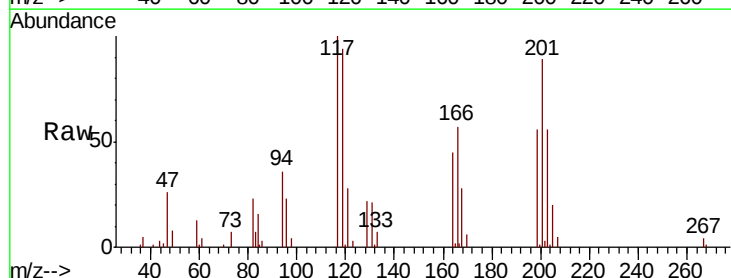
Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

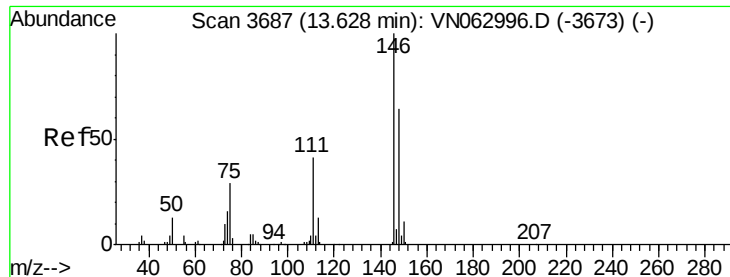
Tot Ion: 91 Resp: 118636
Ion Ratio Lower Upper
91 100
92 51.0 25.9 77.6
134 24.8 12.4 37.0



#90
Hexachloroethane
Concen: 14.393 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion: 117 Resp: 26333
Ion Ratio Lower Upper
117 100
201 88.9 44.1 132.4

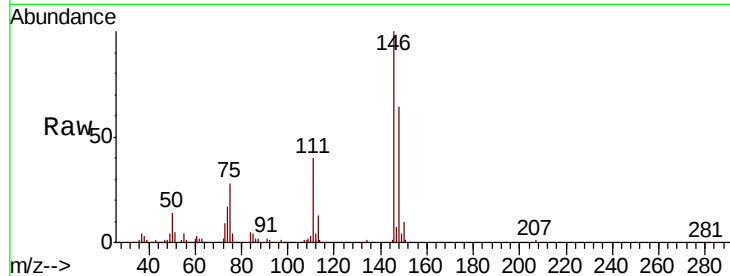




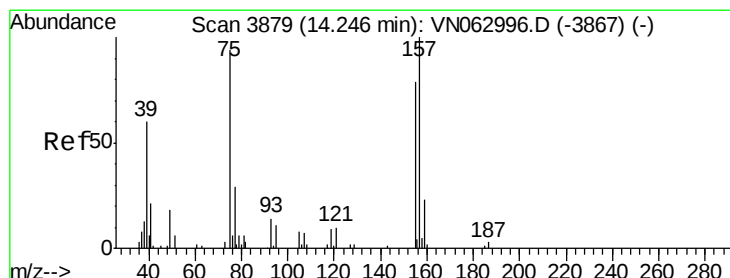
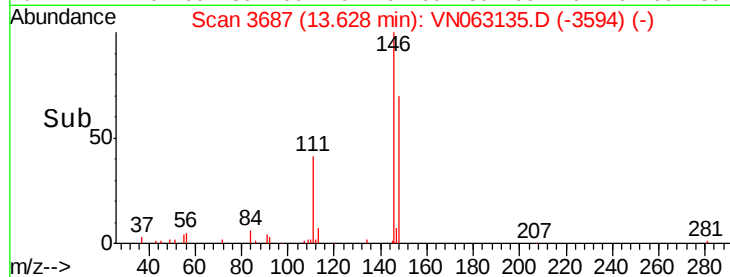
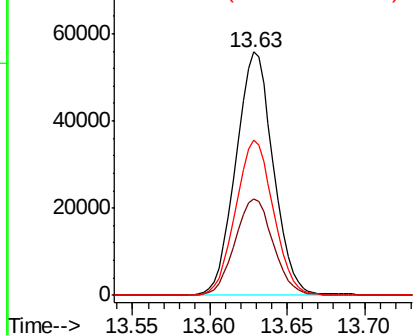
#91
 1,2-Dichlorobenzene
 Concen: 20.087 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.5
148	64.4	31.9	95.5

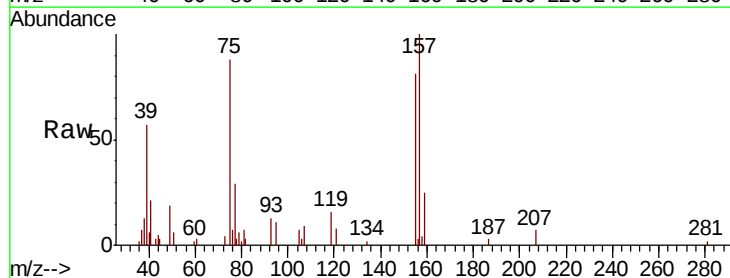


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

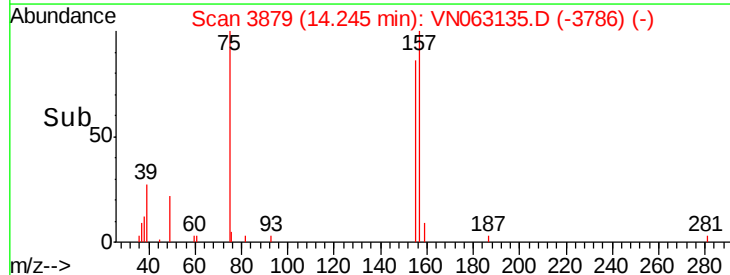
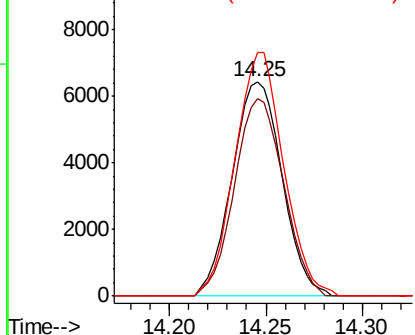


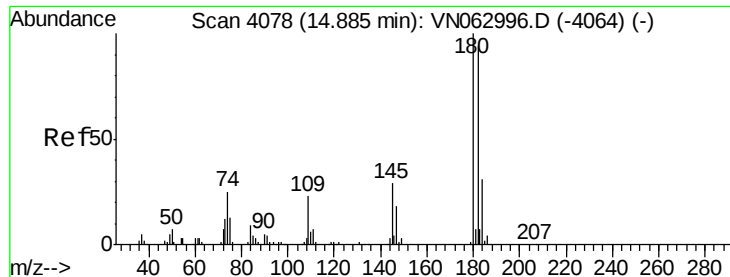
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.385 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	42.4	127.1
157	110.5	55.2	165.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

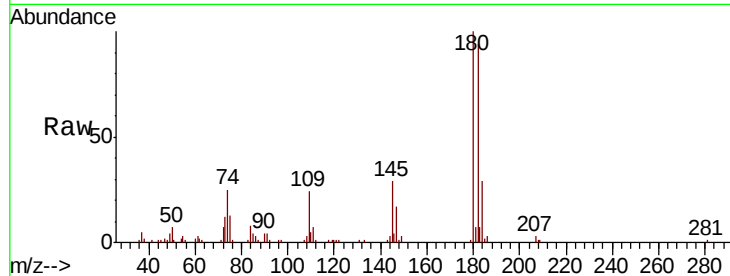




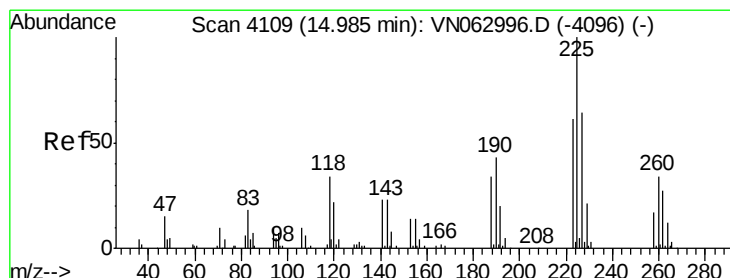
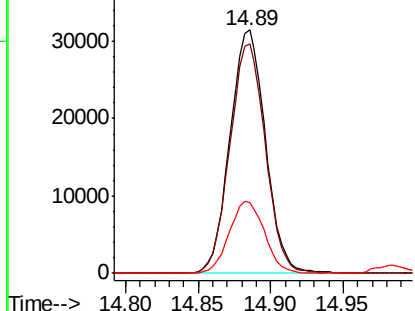
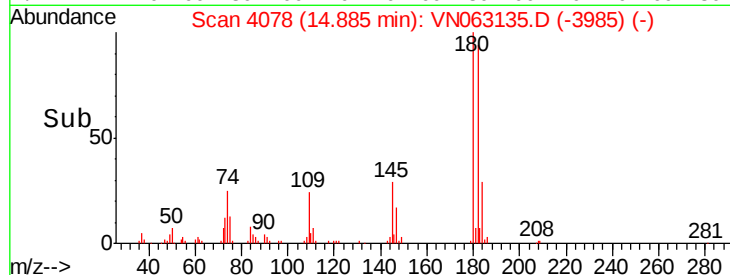
#93
 1,2,4-Trichlorobenzene
 Concen: 23.283 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Tot Ion:180 Resp: 53441
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.0 141.2
 145 29.2 14.1 42.4

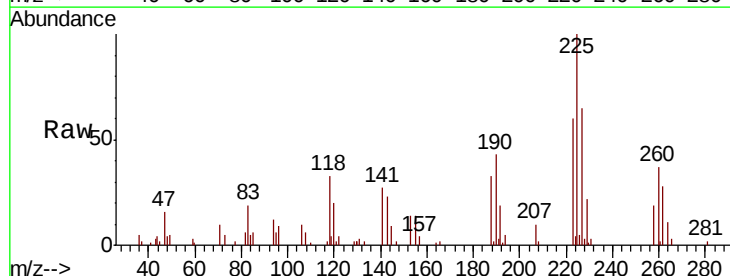


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

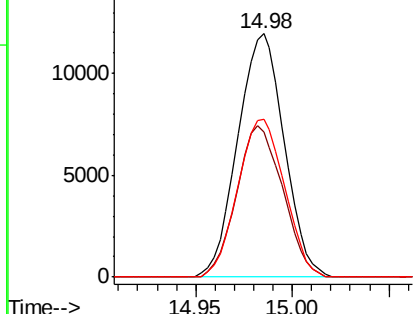
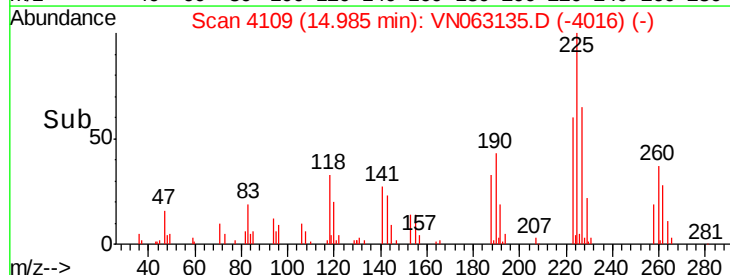


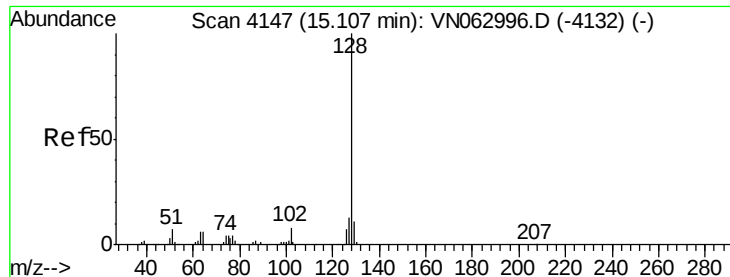
#94
 Hexachlorobutadiene
 Concen: 11.574 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN063135.D
 Acq: 26 Aug 2020 16:11

Tgt Ion:225 Resp: 20006
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.5
 227 65.3 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

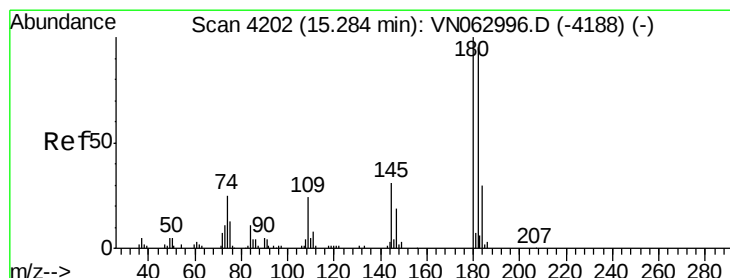
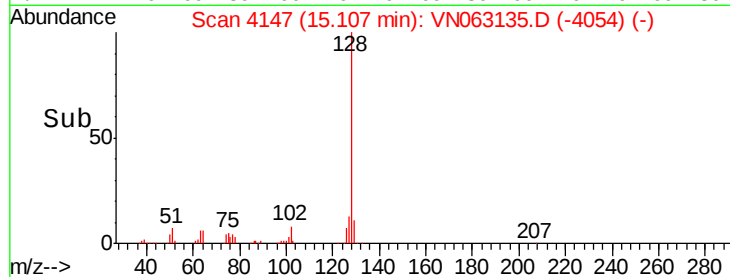
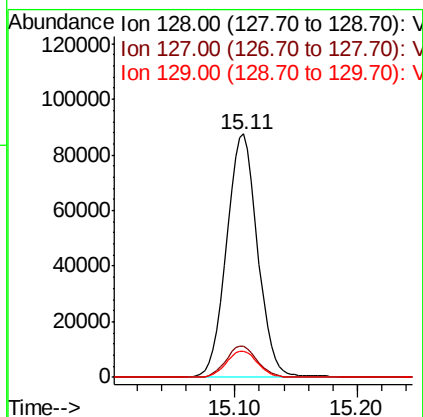
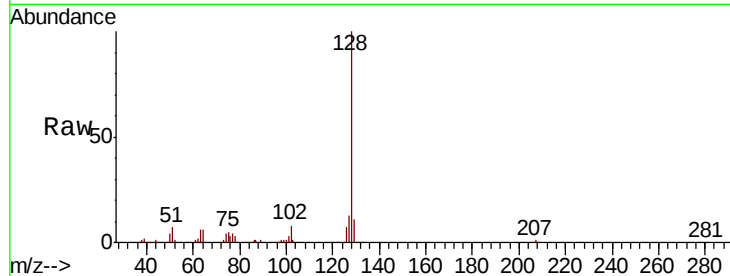




#95
Naphthalene
Concen: 28.796 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0826MBS01

Tot Ion:128 Resp: 155787
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.906 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063135.D
Acq: 26 Aug 2020 16:11

Tgt Ion:180 Resp: 52289
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.9
145 31.3 15.6 46.7

