

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062978.D
 Acq On : 17 Aug 2020 19:07
 Operator : JC/MD
 Sample : VN0817MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Quant Time: Aug 18 05:51:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	370415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	345487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169911	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	130885	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
35) Dibromofluoromethane	7.55	113	115542	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
50) Toluene-d8	10.06	98	457466	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.38	95	158856	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	59033	19.386	ug/l	99
3) Chloromethane	2.03	50	54477	19.860	ug/l	99
4) Vinyl Chloride	2.16	62	83237	24.028	ug/l	100
5) Bromomethane	2.52	94	48680	19.828	ug/l	98
6) Chloroethane	2.66	64	47822	20.270	ug/l	94
7) Trichlorofluoromethane	2.98	101	98946	20.505	ug/l	97
8) Diethyl Ether	3.37	74	25814	17.452	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	39026	16.934	ug/l	98
10) Methyl Iodide	3.91	142	49975	17.010	ug/l	100
11) Tert butyl alcohol	4.74	59	43259	93.829	ug/l	100
12) 1,1-Dichloroethene	3.69	96	36701	16.776	ug/l	95
13) Acrolein	3.57	56	17386	62.855	ug/l	98
14) Allyl chloride	4.27	41	57696	17.080	ug/l	99
15) Acrylonitrile	4.93	53	115633	95.105	ug/l	99
16) Acetone	3.78	43	88960	85.160	ug/l	98
17) Carbon Disulfide	4.01	76	97975	15.606	ug/l	99
18) Methyl Acetate	4.28	43	51638	22.882	ug/l	93
19) Methyl tert-butyl Ether	4.99	73	138129	19.328	ug/l	99
20) Methylene Chloride	4.50	84	46840	18.938	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	40634	17.732	ug/l	98
22) Diisopropyl ether	5.90	45	137870	18.888	ug/l	96
23) Vinyl Acetate	5.85	43	454426	88.323	ug/l	99
24) 1,1-Dichloroethane	5.80	63	77849	18.241	ug/l	99
25) 2-Butanone	6.79	43	140335	93.212	ug/l	100
26) 2,2-Dichloropropane	6.78	77	64209	18.201	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	48516	17.845	ug/l	97
28) Bromochloromethane	7.15	49	43877	21.327	ug/l	99
29) Tetrahydrofuran	7.17	42	94455	115.617	ug/l	99
30) Chloroform	7.33	83	82332	18.500	ug/l	99
31) Cyclohexane	7.62	56	74445	17.889	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	68292	18.488	ug/l	99
36) 1,1-Dichloropropene	7.75	75	55699	17.529	ug/l	98
37) Ethyl Acetate	6.88	43	55031	18.958	ug/l	97
38) Carbon Tetrachloride	7.73	117	61130	18.209	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	74792	17.737	ug/l	99
40) Benzene	8.00	78	181580	18.066	ug/l	99
41) Methacrylonitrile	7.12	41	23593	16.573	ug/l #	69
42) 1,2-Dichloroethane	8.09	62	61667	18.692	ug/l	98
43) Isopropyl Acetate	8.13	43	86475	18.750	ug/l	100
44) Trichloroethene	8.80	130	50638	18.687	ug/l	99
45) 1,2-Dichloropropane	9.08	63	51096	18.246	ug/l	99
46) Dibromomethane	9.17	93	33125	18.999	ug/l	96
47) Bromodichloromethane	9.37	83	67502	19.088	ug/l	99
48) Methyl methacrylate	9.17	41	42146	18.682	ug/l	98
49) 1,4-Dioxane	9.17	88	19849	416.008	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	299266	96.984	ug/l	100
52) Toluene	10.13	92	119197	18.772	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	71577	18.763	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	78267	19.008	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	51427	19.108	ug/l	98
56) Ethyl methacrylate	10.40	69	70719	19.426	ug/l	98
57) 1,3-Dichloropropane	10.68	76	80185	18.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	74744	105.721	ug/l	98
59) 2-Hexanone	10.72	43	216518	110.657	ug/l	100
60) Dibromochloromethane	10.88	129	55898	18.662	ug/l	98
61) 1,2-Dibromoethane	10.98	107	50702	18.454	ug/l	99
64) Tetrachloroethene	10.61	164	46590	19.661	ug/l	97
65) Chlorobenzene	11.41	112	132689	18.764	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	51003	18.570	ug/l	96
67) Ethyl Benzene	11.49	91	224699	18.861	ug/l	97
68) m/p-Xylenes	11.60	106	173032	38.463	ug/l	99
69) o-Xylene	11.92	106	82471	19.299	ug/l	100
70) Styrene	11.94	104	145226	19.594	ug/l	99
71) Bromoform	12.10	173	45844	19.969	ug/l #	99
73) Isopropylbenzene	12.23	105	227955	19.447	ug/l	99
74) N-amyl acetate	12.05	43	75418	18.742	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	75718	20.412	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	92345	27.509	ug/l #	100
77) Bromobenzene	12.50	156	62154	18.391	ug/l	97
78) n-propylbenzene	12.57	91	248761	18.189	ug/l	99
79) 2-Chlorotoluene	12.65	91	158297	19.258	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	222023	22.511	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	23949	19.111	ug/l	98
82) 4-Chlorotoluene	12.75	91	183615	21.921	ug/l	98
83) tert-Butylbenzene	12.97	119	165624	19.474	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	197349	20.679	ug/l	97
85) sec-Butylbenzene	13.15	105	217509	19.432	ug/l	99
86) p-Isopropyltoluene	13.26	119	195372	19.615	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	106514	19.137	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	107505	18.742	ug/l	99
89) n-Butylbenzene	13.59	91	146599	18.121	ug/l	99
90) Hexachloroethane	13.85	117	37470	18.546	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	103213	19.188	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12251	19.215	ug/l	98

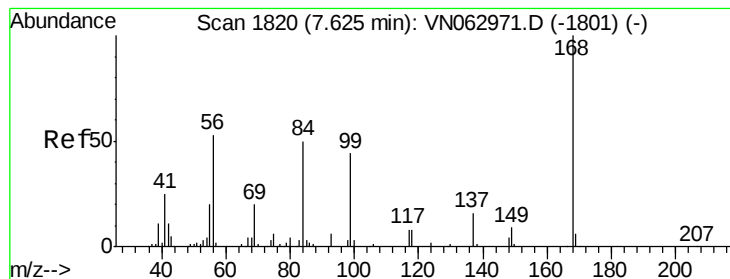
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
Data File : VN062978.D
Acq On : 17 Aug 2020 19:07
Operator : JC/MD
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Quant Time: Aug 18 05:51:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 17:31:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	47226	18.390	ug/l	96
94) Hexachlorobutadiene	14.98	225	37921	18.263	ug/l	99
95) Naphthalene	15.10	128	102946	18.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46512	17.995	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

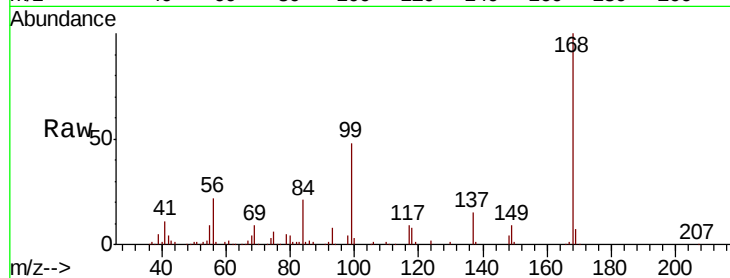
VN0817MBS01

Tot Ion:168 Resp: 254682

Ion Ratio Lower Upper

168 100

99 48.2 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

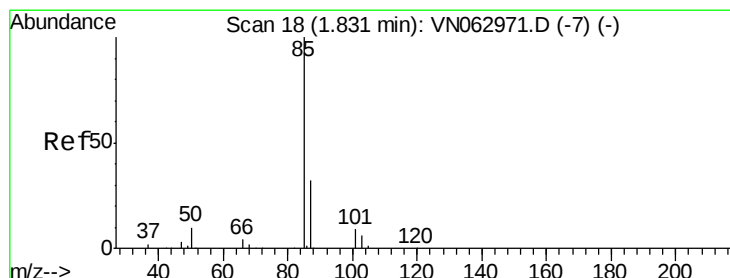
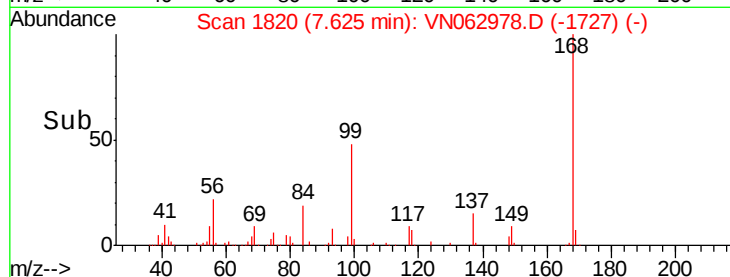
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.386 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062978.D

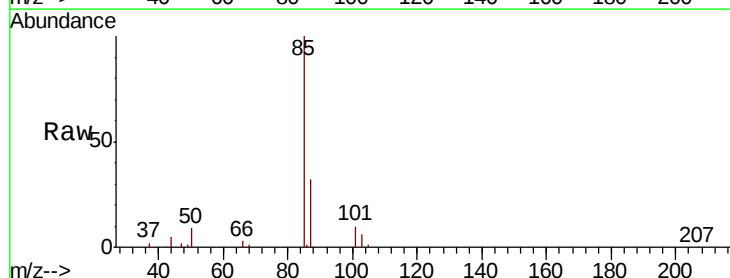
Acq: 17 Aug 2020 19:07

Tgt Ion: 85 Resp: 59033

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

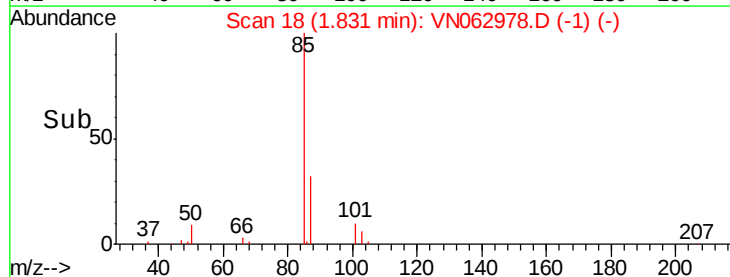
30000

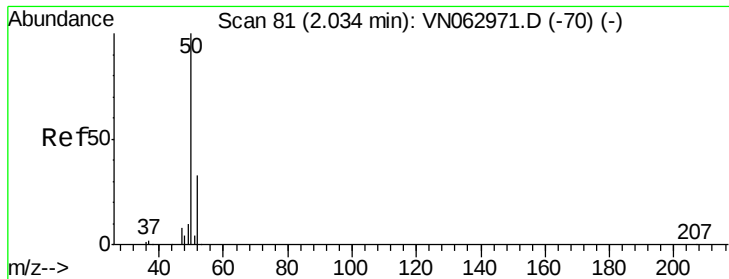
20000

10000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 19.860 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

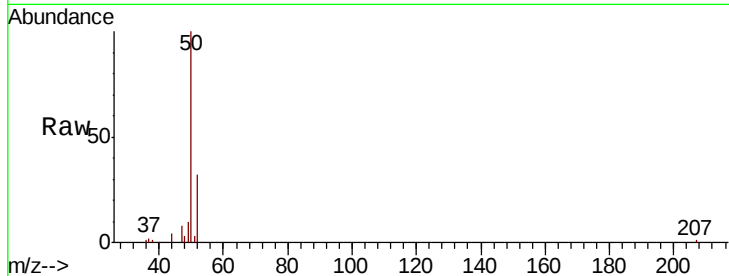
VN0817MBS01

Tot Ion: 50 Resp: 54477

Ion Ratio Lower Upper

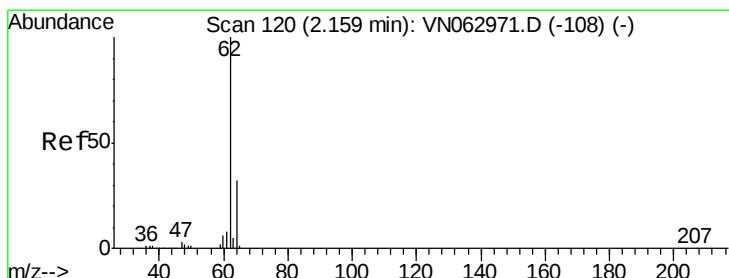
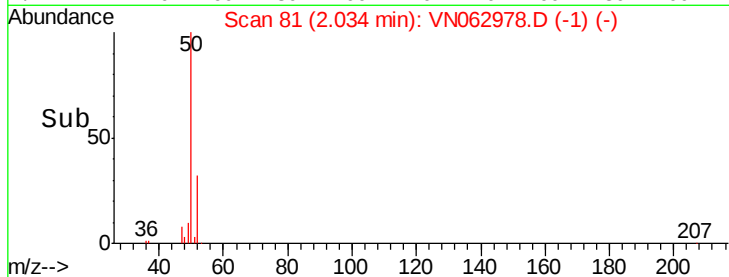
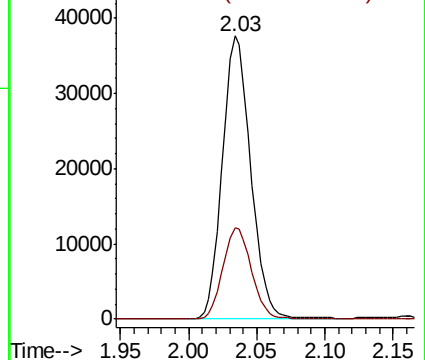
50 100

52 32.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 24.028 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062978.D

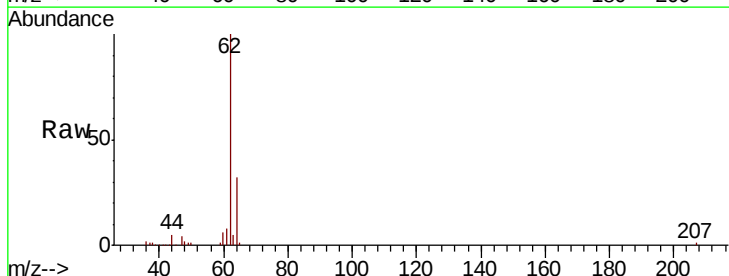
Acq: 17 Aug 2020 19:07

Tgt Ion: 62 Resp: 83237

Ion Ratio Lower Upper

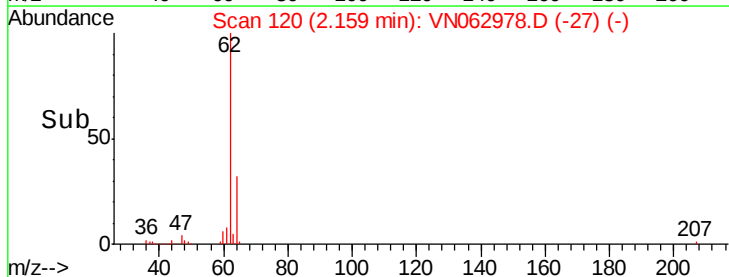
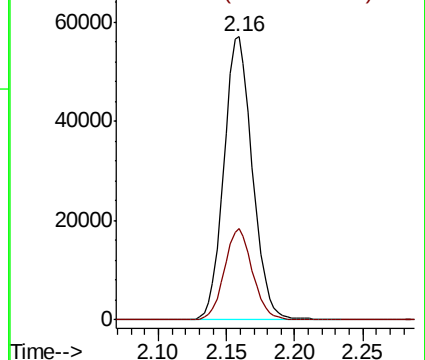
62 100

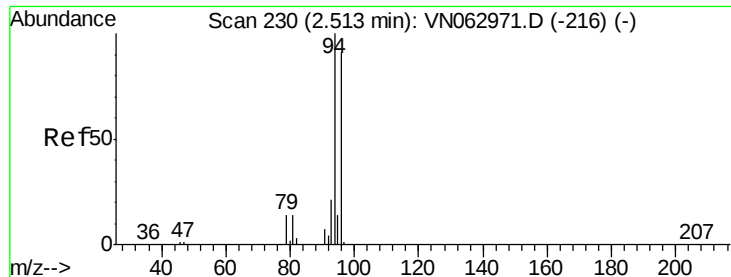
64 32.2 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.828 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampled :

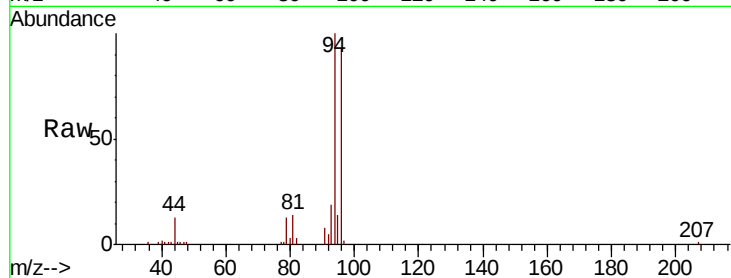
VN0817MBS01

Tot Ion: 94 Resp: 48680

Ion Ratio Lower Upper

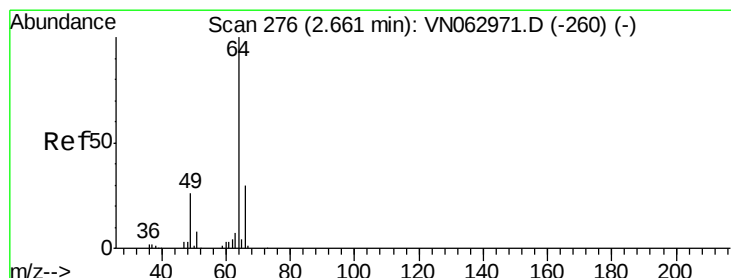
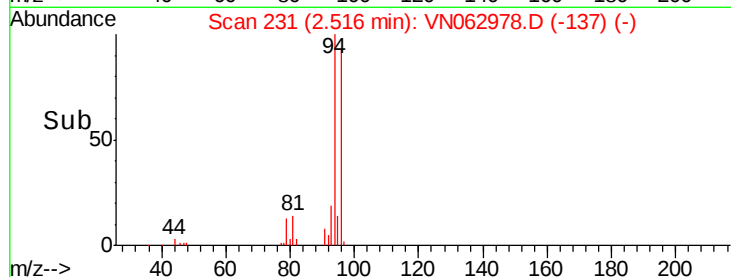
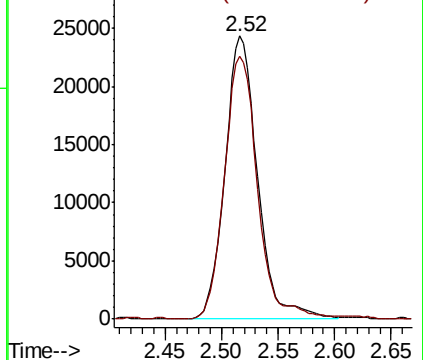
94 100

96 92.9 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.270 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062978.D

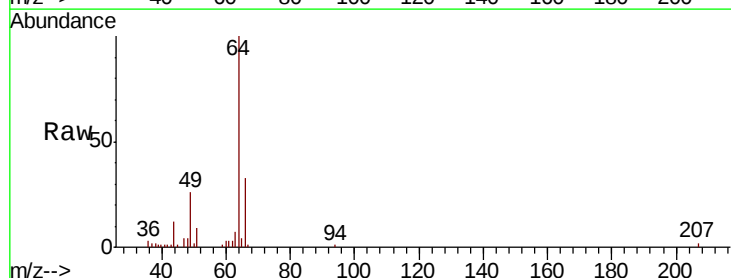
Acq: 17 Aug 2020 19:07

Tgt Ion: 64 Resp: 47822

Ion Ratio Lower Upper

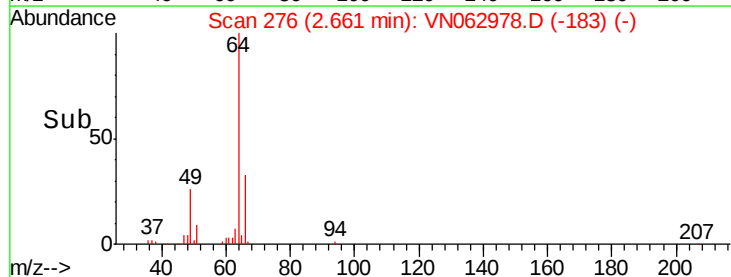
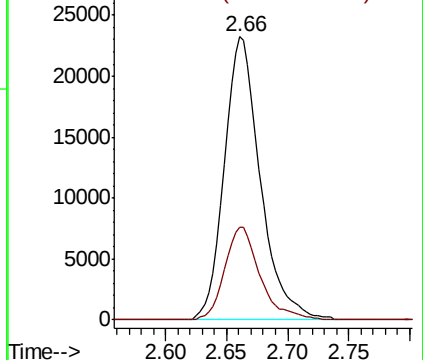
64 100

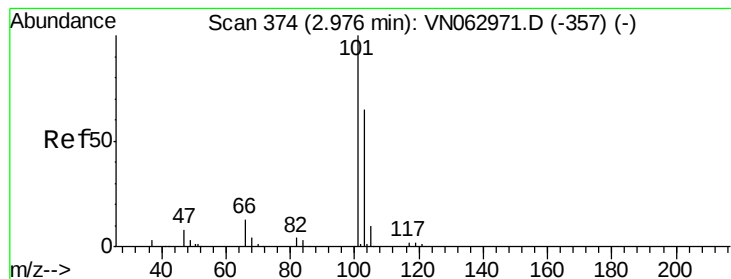
66 33.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



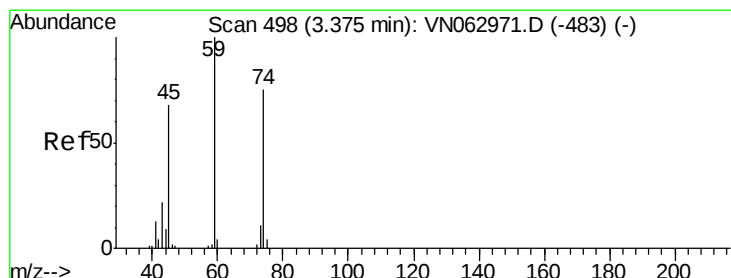
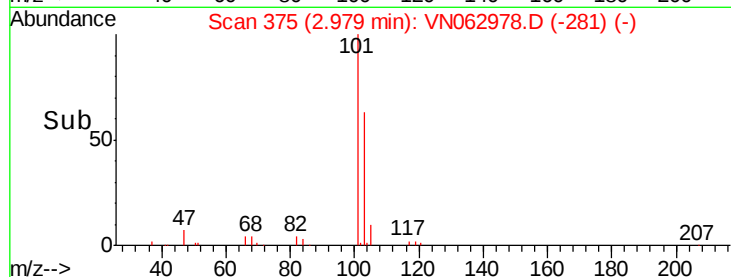
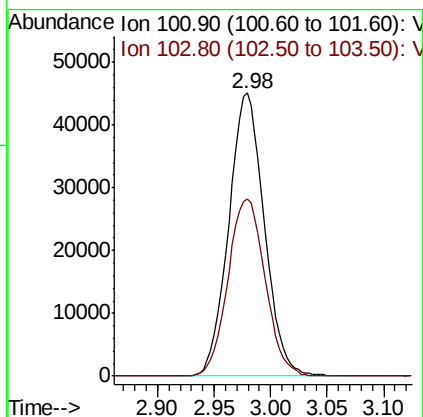
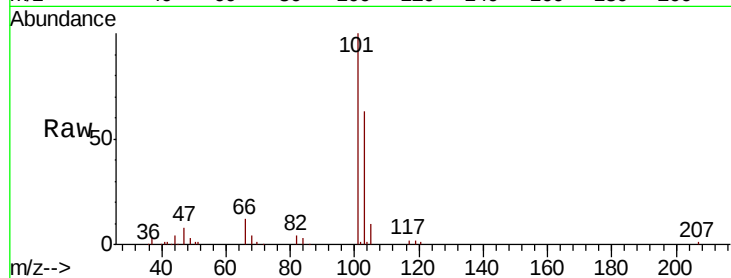


#7

Trichlorofluoromethane
Concen: 20.505 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

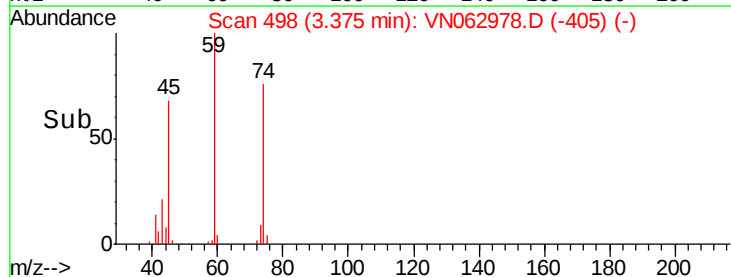
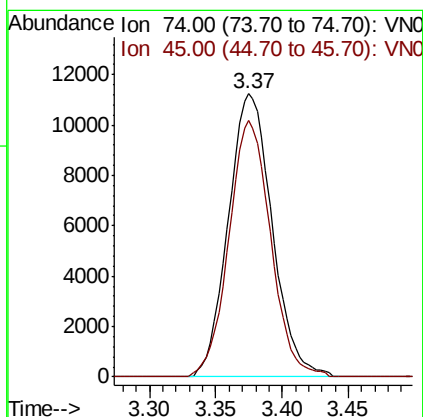
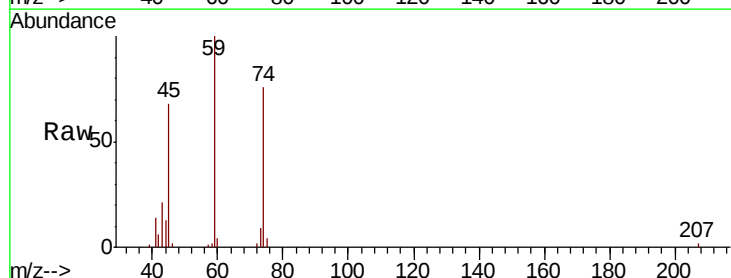
Tot Ion:101 Resp: 98946
Ion Ratio Lower Upper
101 100
103 62.6 52.2 78.4

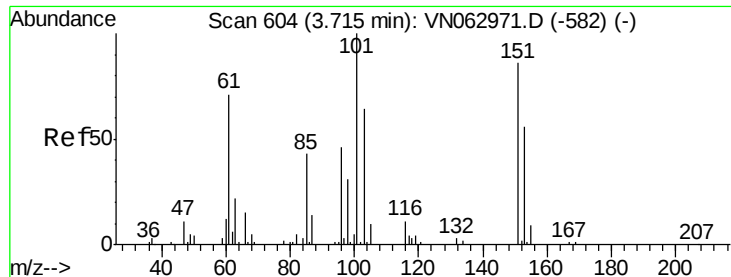


#8

Diethyl Ether
Concen: 17.452 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 74 Resp: 25814
Ion Ratio Lower Upper
74 100
45 86.2 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.934 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

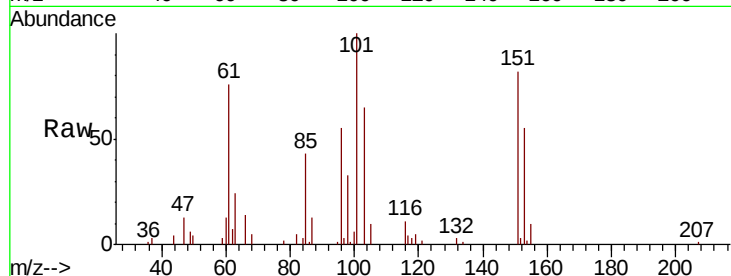
Tot Ion:101 Resp: 39026

Ion Ratio Lower Upper

101 100

85 41.7 34.1 51.1

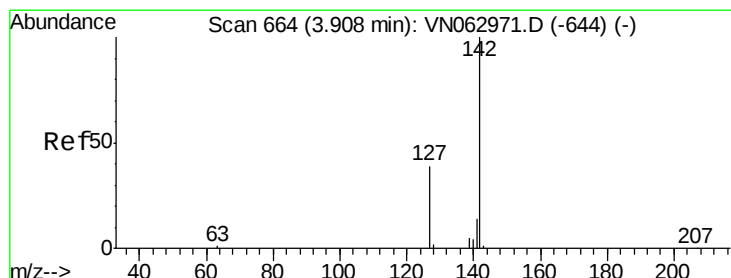
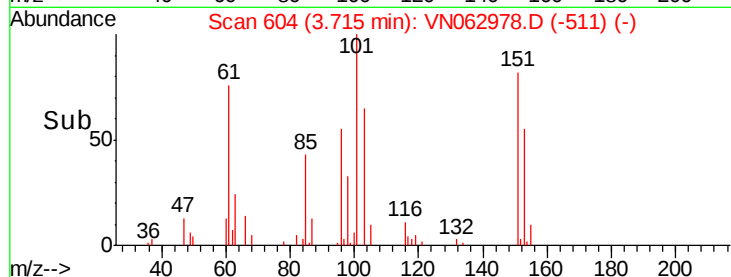
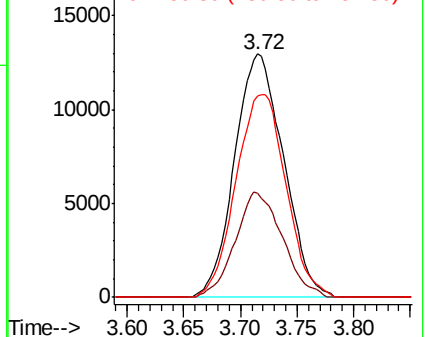
151 85.0 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.010 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

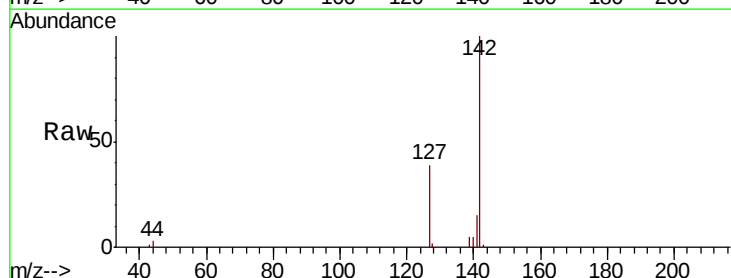
Tgt Ion:142 Resp: 49975

Ion Ratio Lower Upper

142 100

127 39.7 31.9 47.9

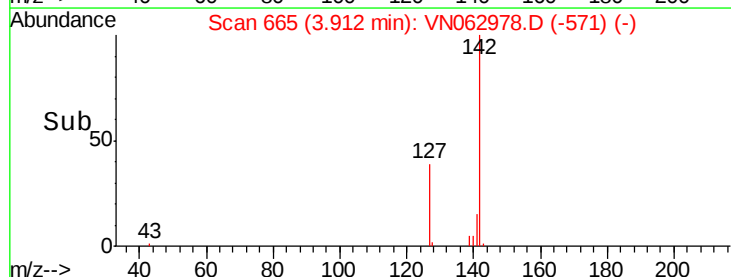
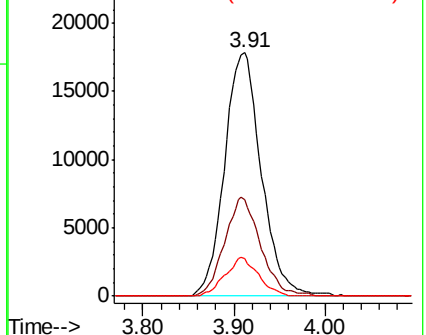
141 14.4 11.4 17.2

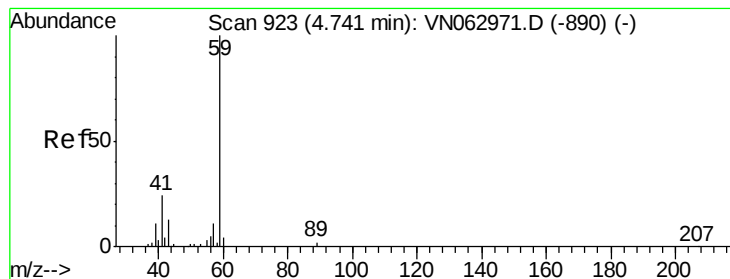


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



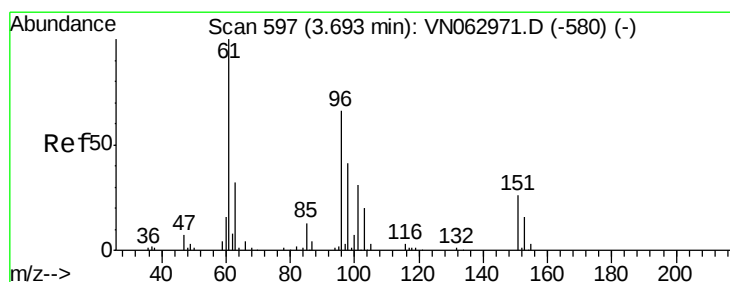
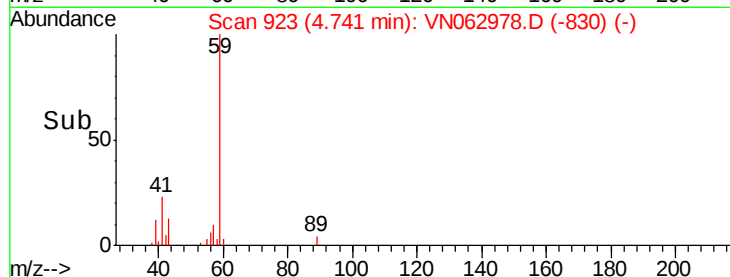
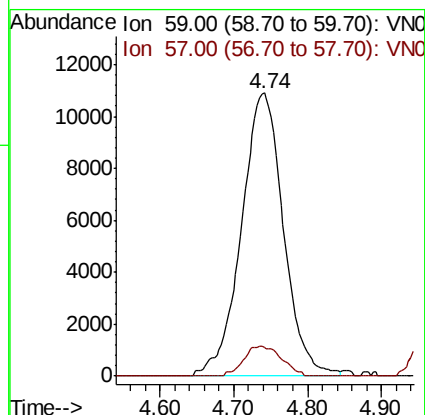
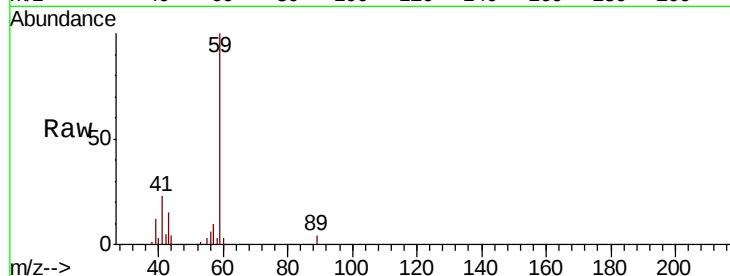


#11

Tert butyl alcohol
 Concen: 93.829 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

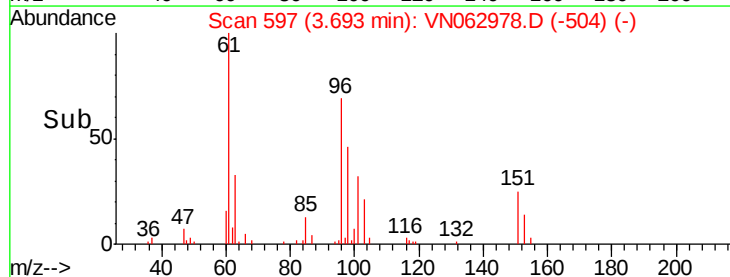
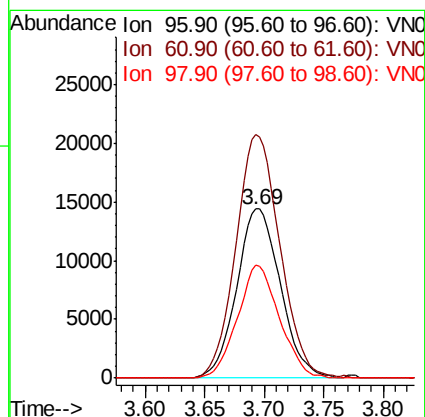
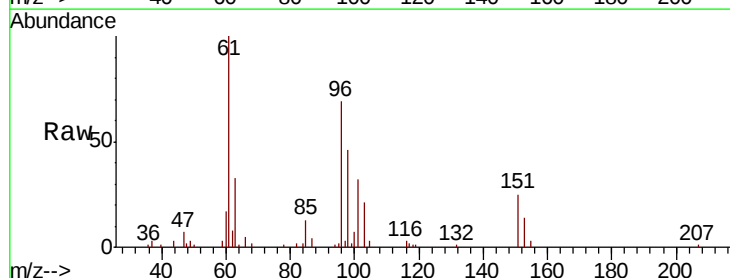
Tot Ion: 59 Resp: 43259
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.6 11.4

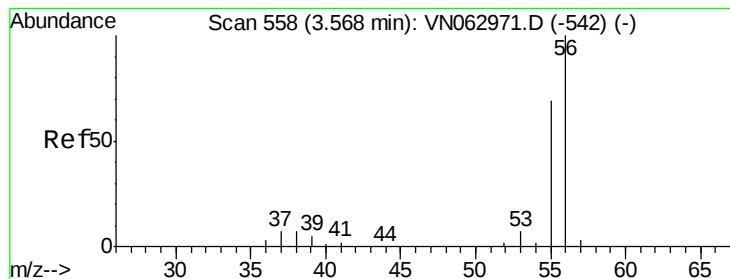


#12

1,1-Dichloroethene
 Concen: 16.776 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion: 96 Resp: 36701
 Ion Ratio Lower Upper
 96 100
 61 143.9 120.4 180.6
 98 66.8 49.8 74.6





#13

Acrolein

Concen: 62.855 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

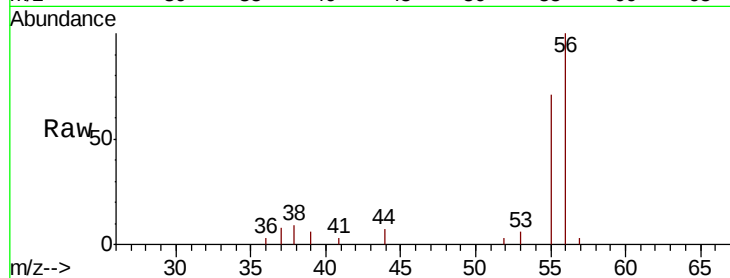
VN0817MBS01

Tot Ion: 56 Resp: 17386

Ion Ratio Lower Upper

56 100

55 71.3 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VN062978.D (-542) (-)

Ion 55.00 (54.70 to 55.70): VN062978.D (-542) (-)

3.57

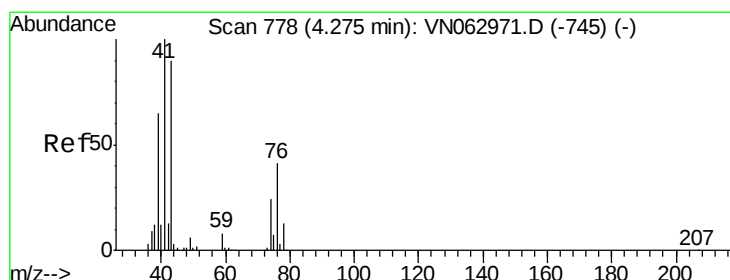
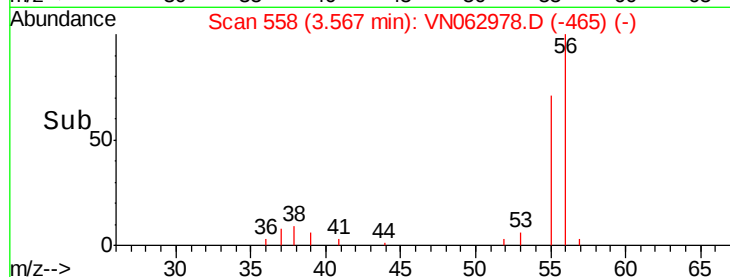
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 17.080 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

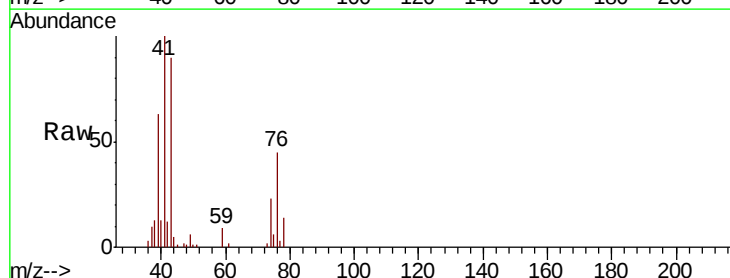
Tgt Ion: 41 Resp: 57696

Ion Ratio Lower Upper

41 100

39 58.0 46.7 70.1

76 38.1 30.2 45.4



Abundance Ion 41.00 (40.70 to 41.70): VN062978.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062978.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062978.D (-685) (-)

4.27

20000

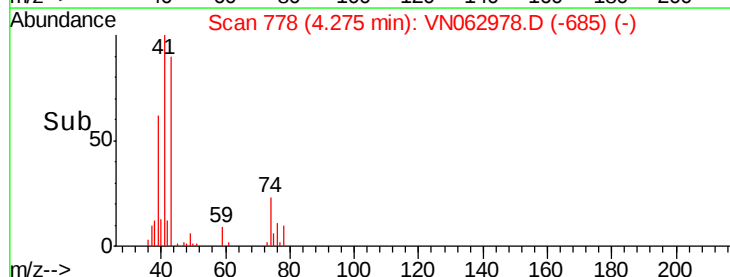
15000

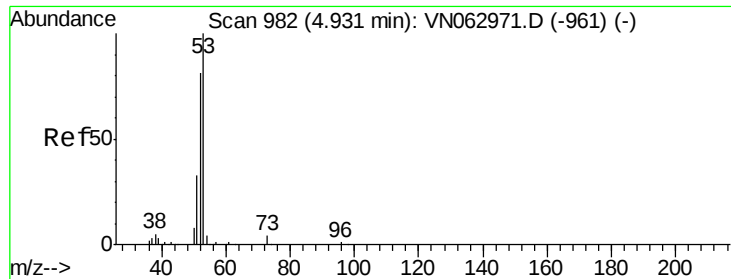
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 95.105 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

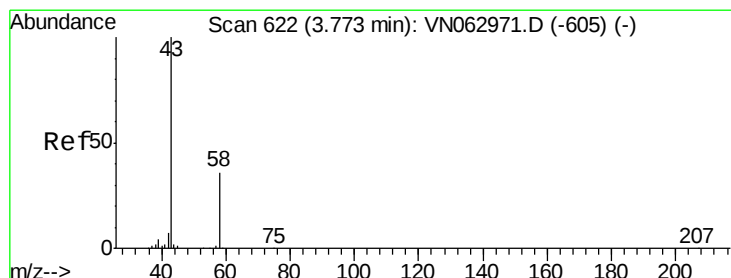
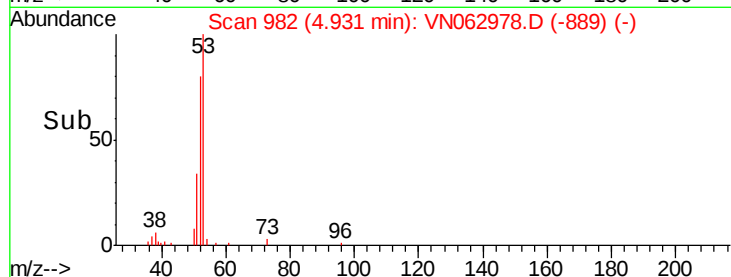
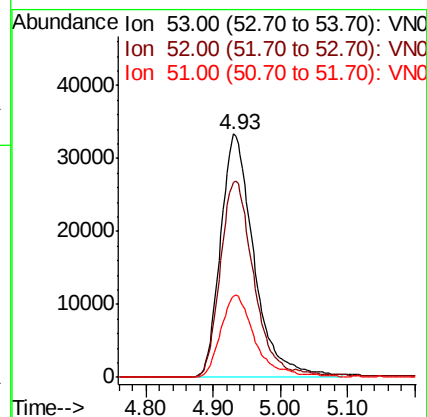
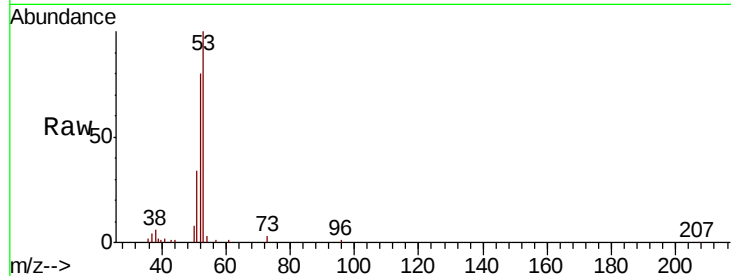
Tot Ion: 53 Resp: 115633

Ion Ratio Lower Upper

53 100

52 79.6 65.0 97.6

51 34.1 27.4 41.2



#16

Acetone

Concen: 85.160 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062978.D

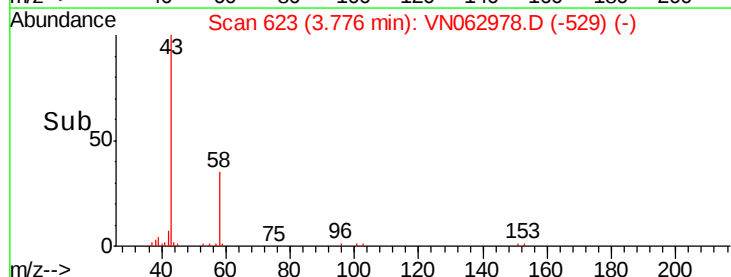
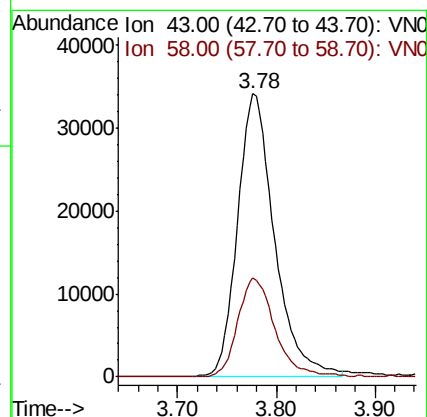
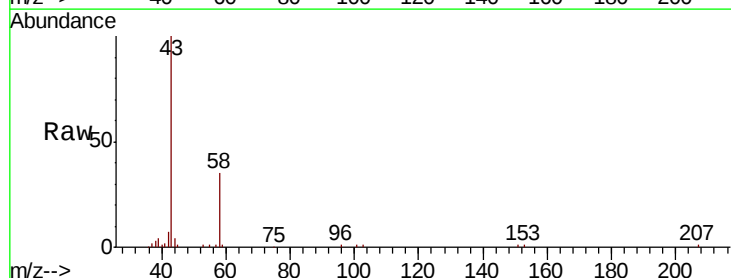
Acq: 17 Aug 2020 19:07

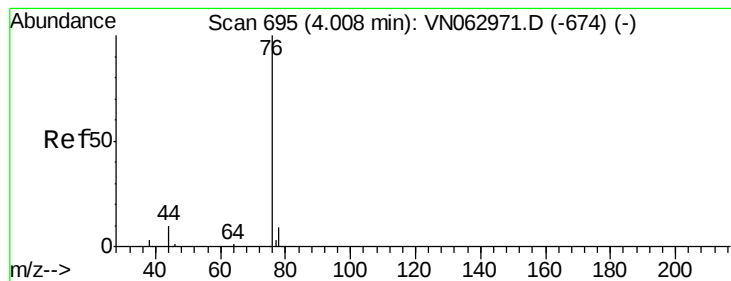
Tgt Ion: 43 Resp: 88960

Ion Ratio Lower Upper

43 100

58 34.9 28.7 43.1





#17

Carbon Disulfide

Concen: 15.606 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

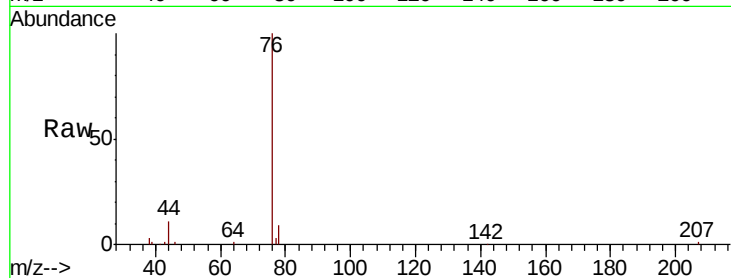
VN0817MBS01

Tot Ion: 76 Resp: 97975

Ion Ratio Lower Upper

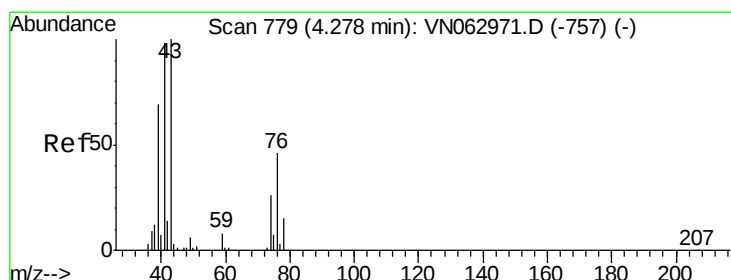
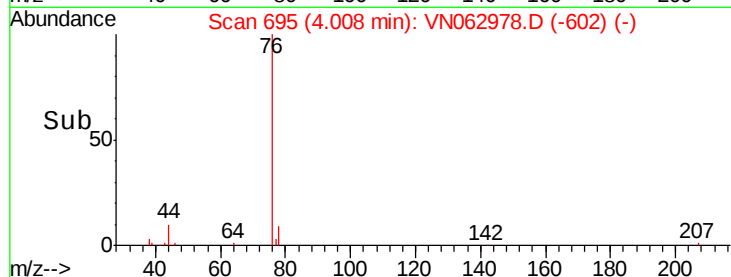
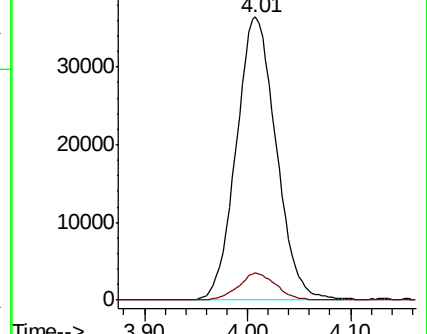
76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 22.882 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062978.D

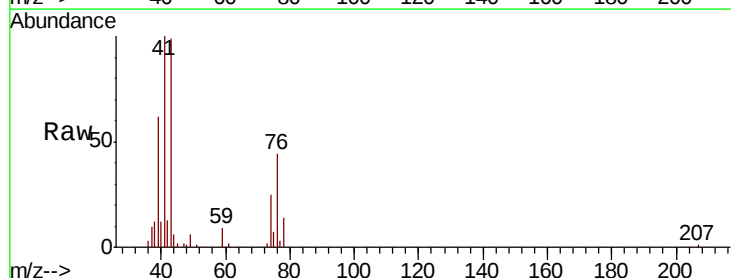
Acq: 17 Aug 2020 19:07

Tgt Ion: 43 Resp: 51638

Ion Ratio Lower Upper

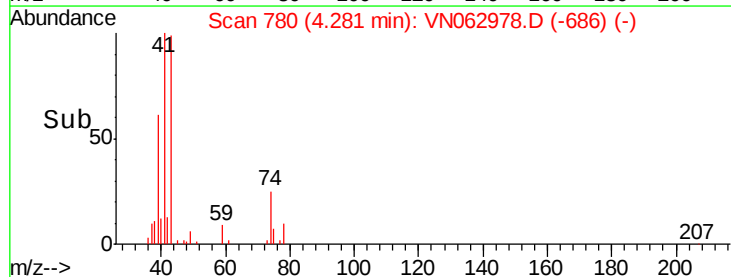
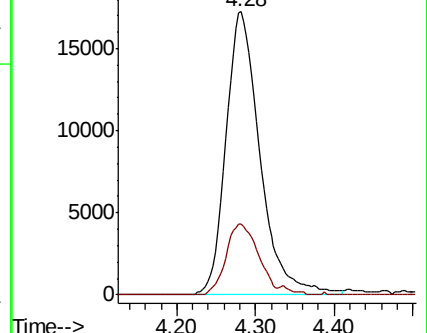
43 100

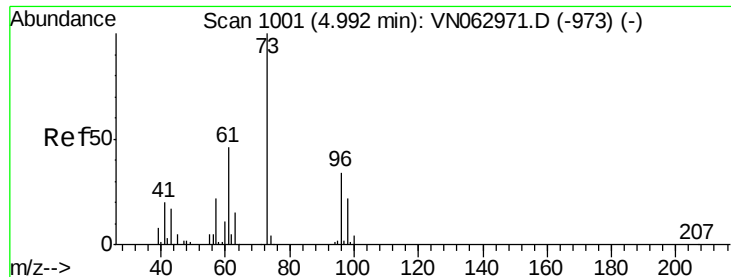
74 23.5 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

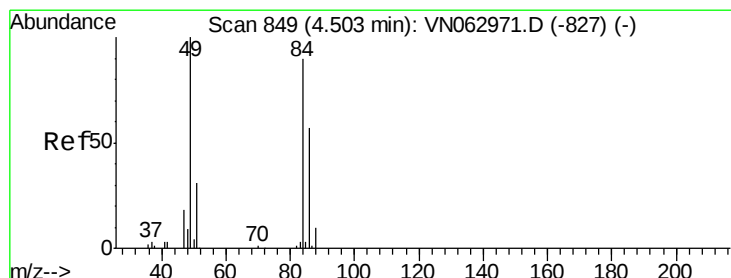
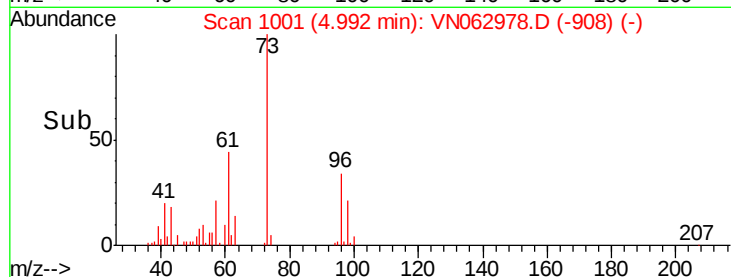
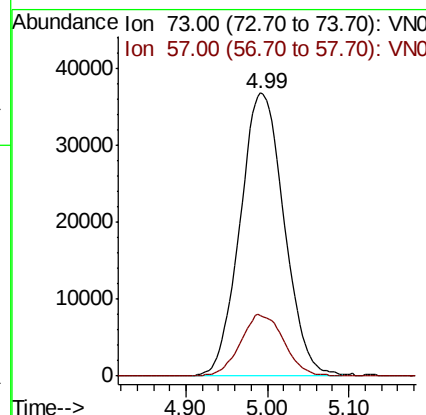
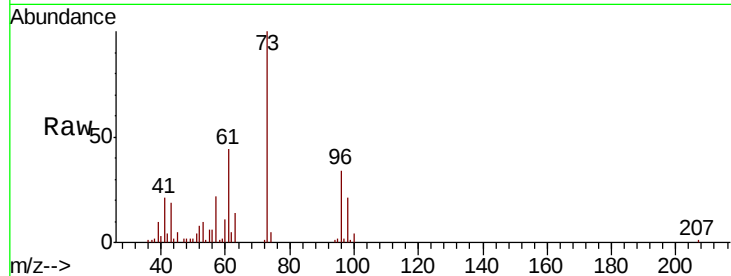




#19
Methvl tert-butvl Ether
Concen: 19.328 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

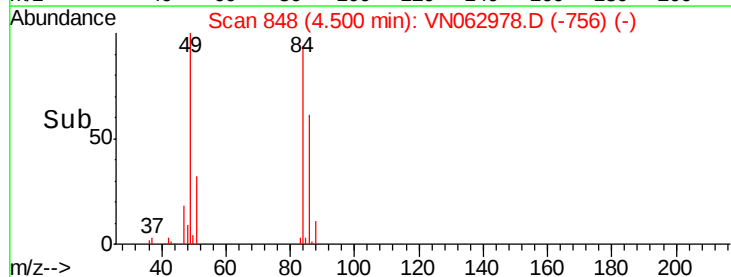
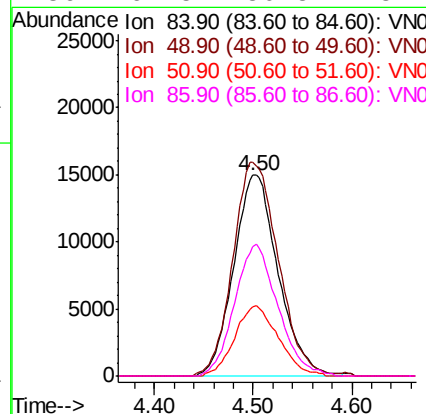
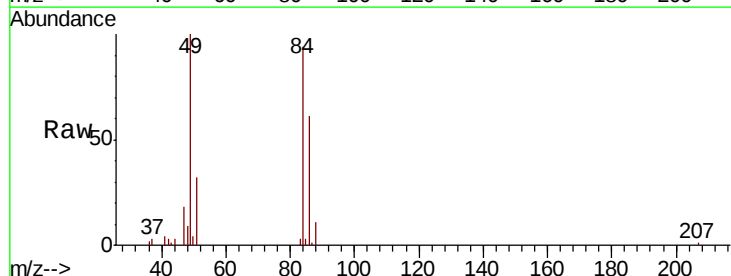
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

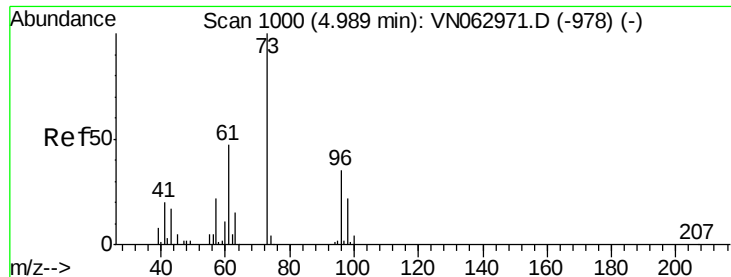
Tot Ion: 73 Resp: 138129
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4



#20
Methylene Chloride
Concen: 18.938 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 84 Resp: 46840
Ion Ratio Lower Upper
84 100
49 106.4 88.8 133.2
51 34.3 27.1 40.7
86 64.5 50.5 75.7

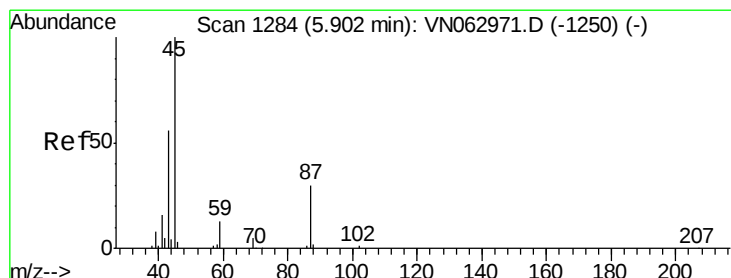
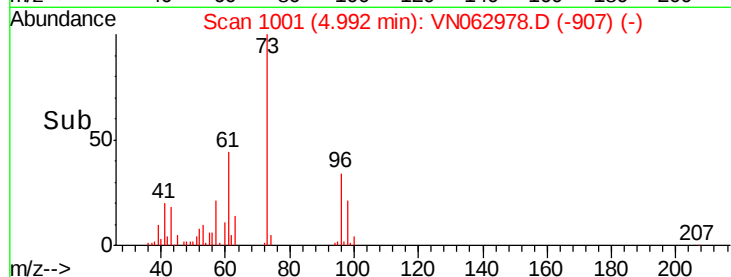
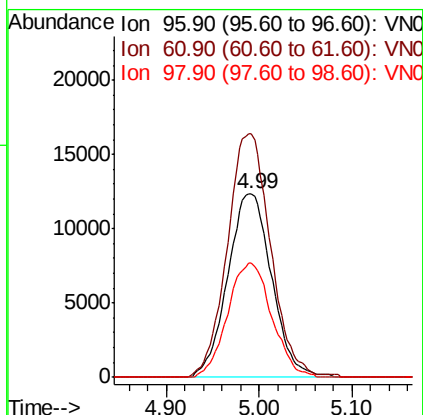
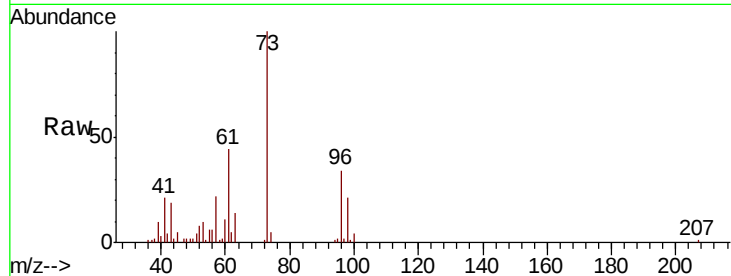




#21
trans-1,2-Dichloroethene
Concen: 17.732 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

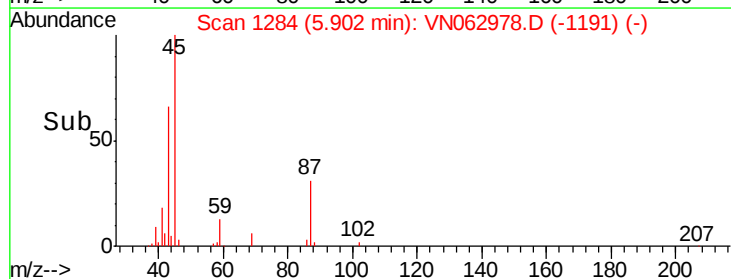
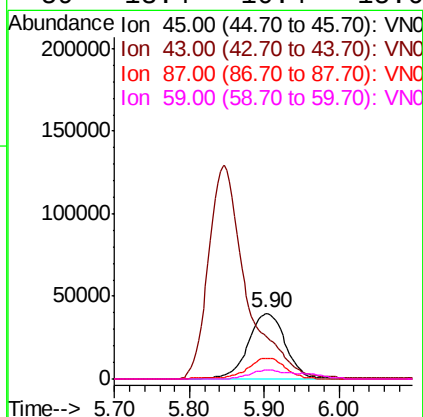
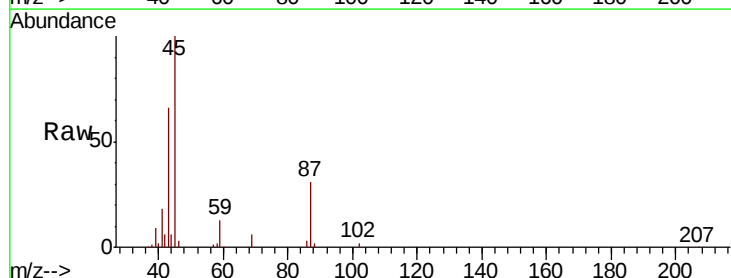
Instrument :
MSVOA_N
ClientSampled :
VN0817MBS01

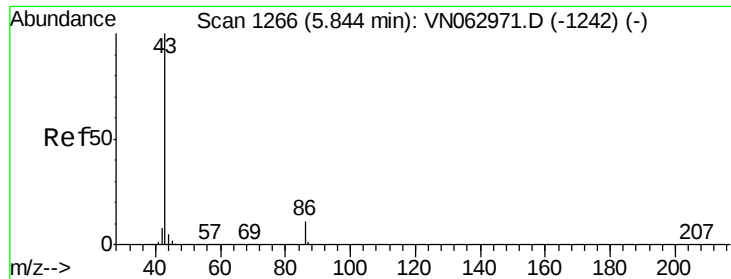
Tot Ion: 96 Resp: 40634
Ion Ratio Lower Upper
96 100
61 132.4 107.7 161.5
98 62.3 51.0 76.4



#22
Diisopropyl ether
Concen: 18.888 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 45 Resp: 137870
Ion Ratio Lower Upper
45 100
43 62.7 47.1 70.7
87 31.5 24.3 36.5
59 13.4 10.4 15.6

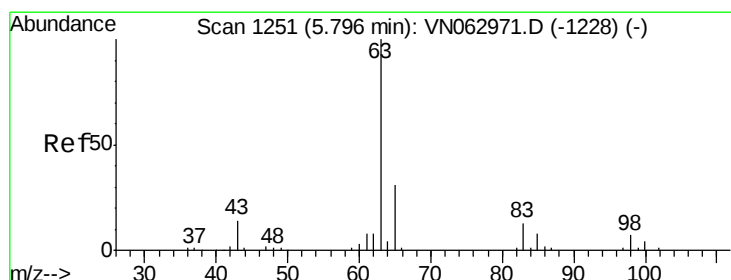
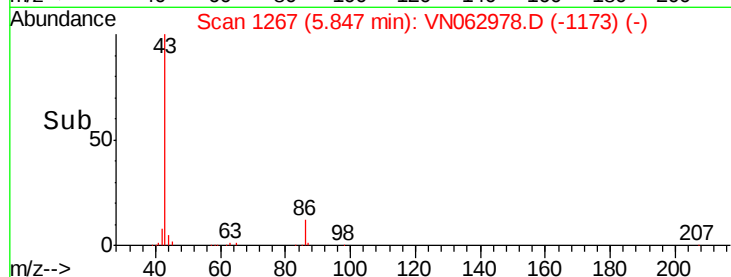
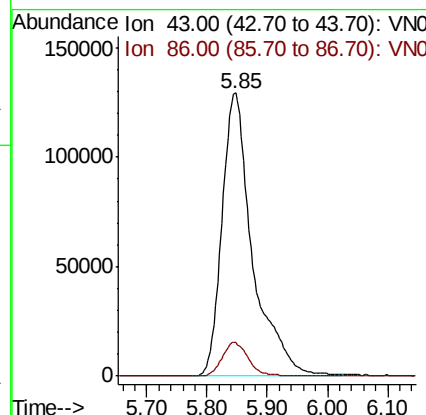
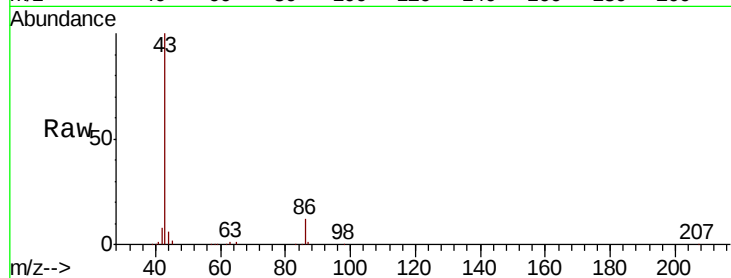




#23
 Vinyl Acetate
 Concen: 88.323 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

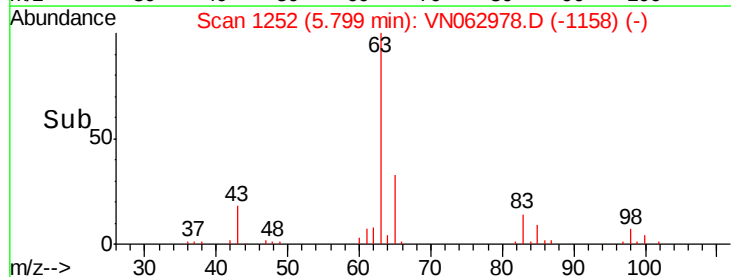
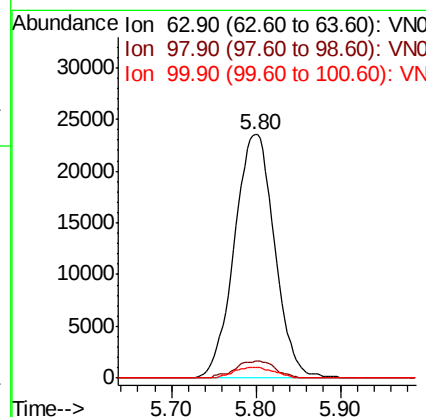
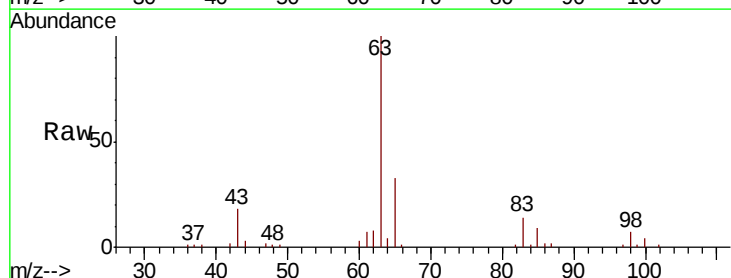
Instrument :
 MSVOA_N
 ClientSampled :
 VN0817MBS01

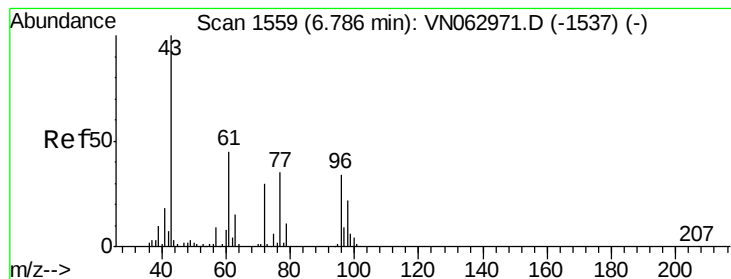
Tot Ion: 43 Resp: 454426
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 18.241 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion: 63 Resp: 77849
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 93.212 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

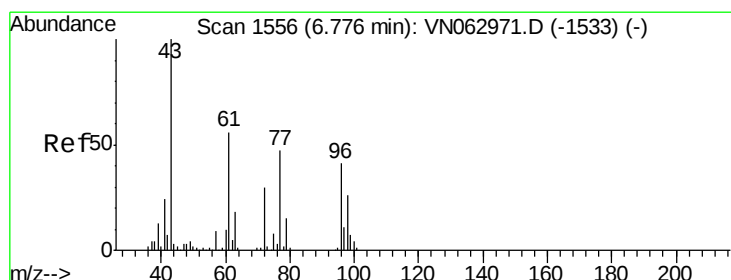
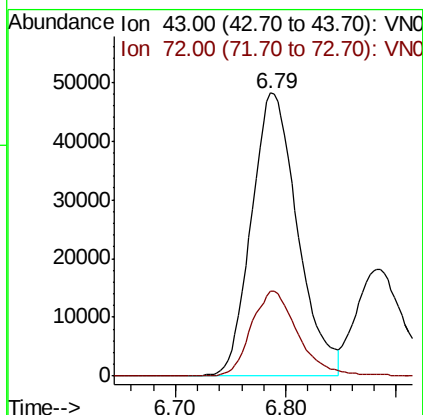
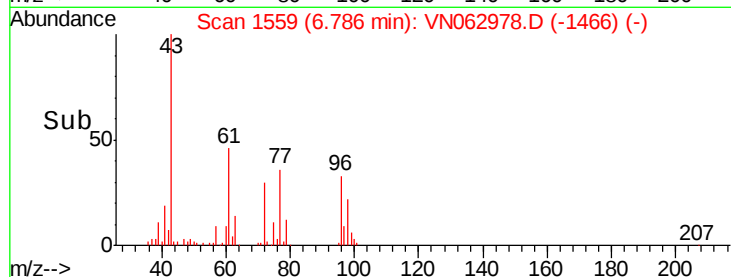
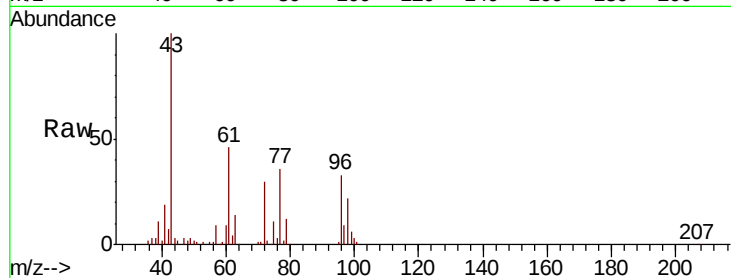
VN0817MBS01

Tot Ion: 43 Resp: 140335

Ion Ratio Lower Upper

43 100

72 29.9 23.9 35.9



#26

2,2-Dichloropropane

Concen: 18.201 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062978.D

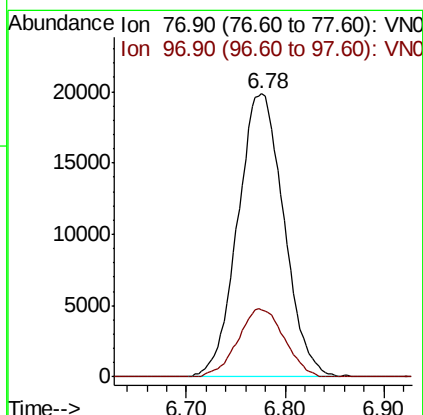
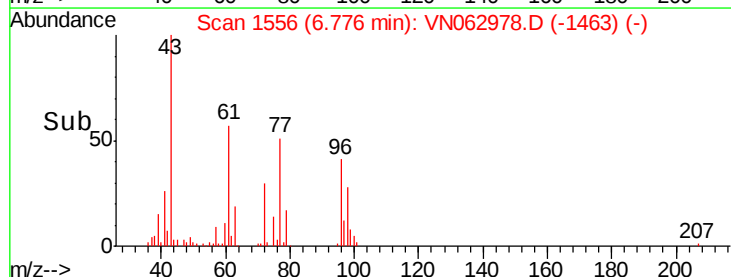
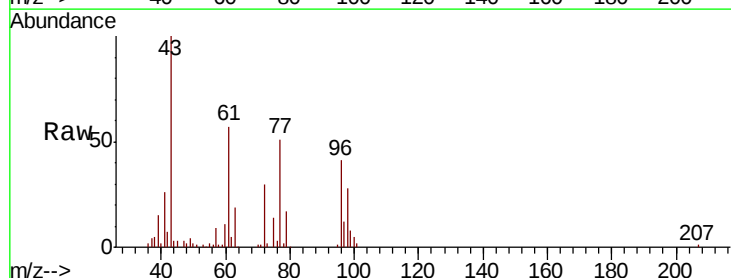
Acq: 17 Aug 2020 19:07

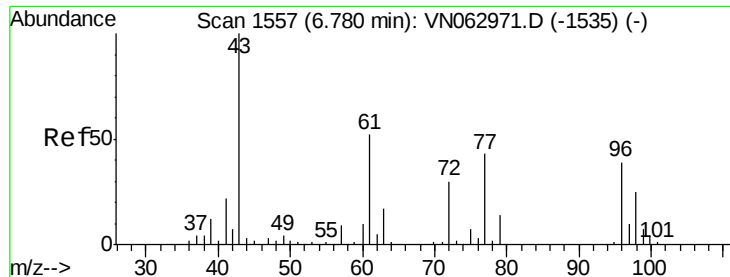
Tgt Ion: 77 Resp: 64209

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 17.845 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

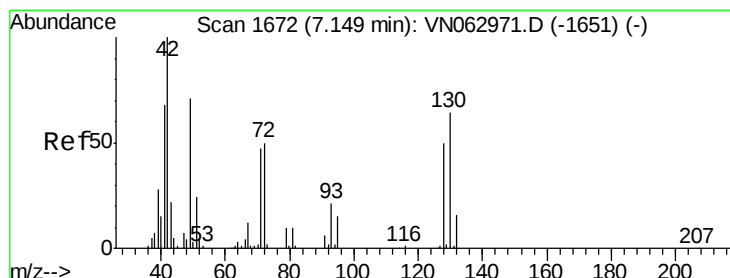
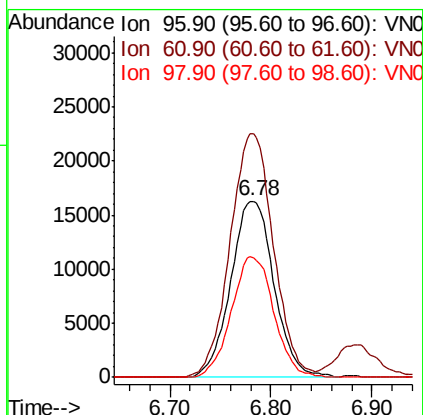
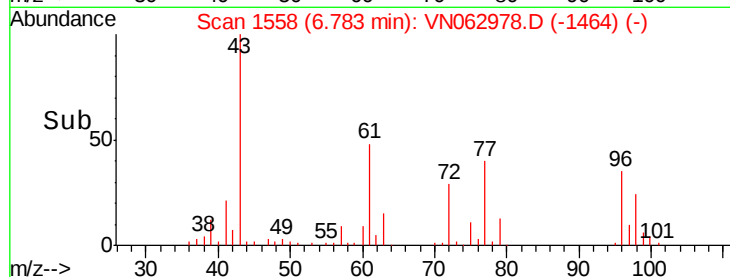
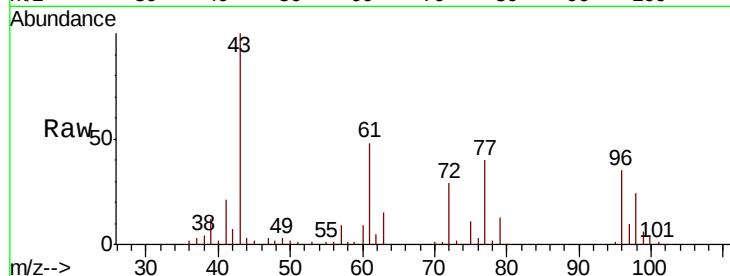
Tot Ion: 96 Resp: 48516

Ion Ratio Lower Upper

96 100

61 138.3 0.0 270.4

98 67.0 0.0 128.2



#28

Bromochloromethane

Concen: 21.327 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

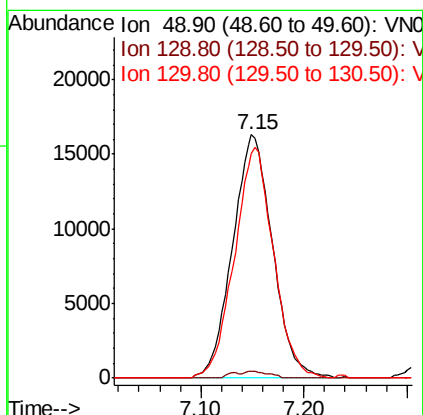
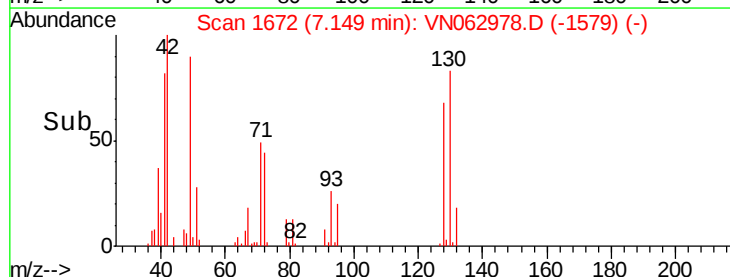
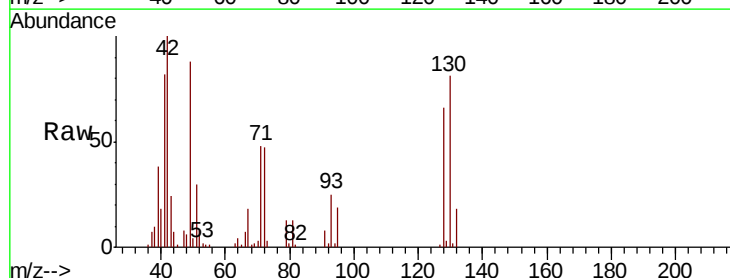
Tgt Ion: 49 Resp: 43877

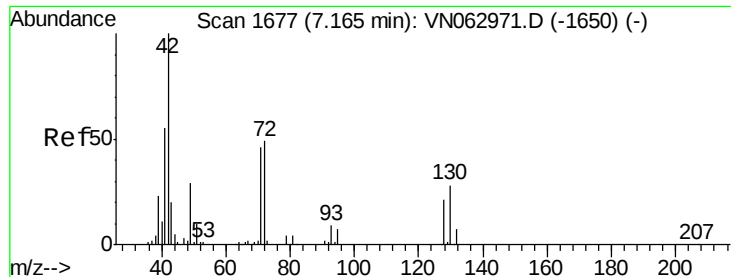
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.2

130 92.5 73.5 110.3

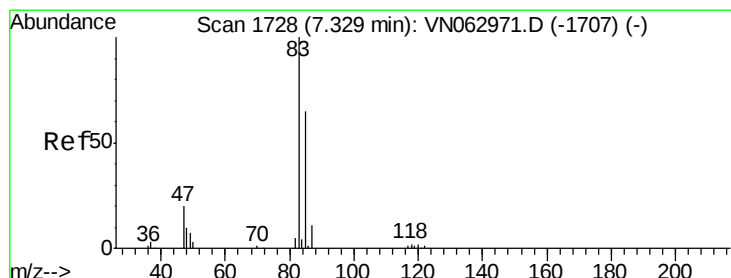
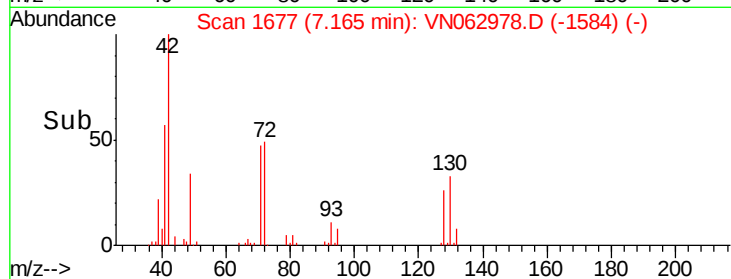
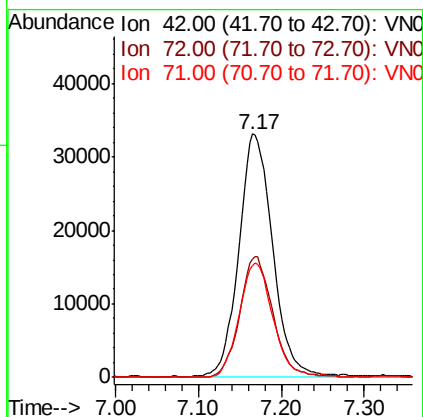
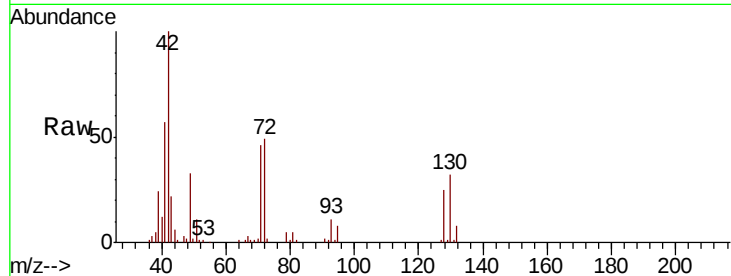




#29
Tetrahydrofuran
Concen: 115.617 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

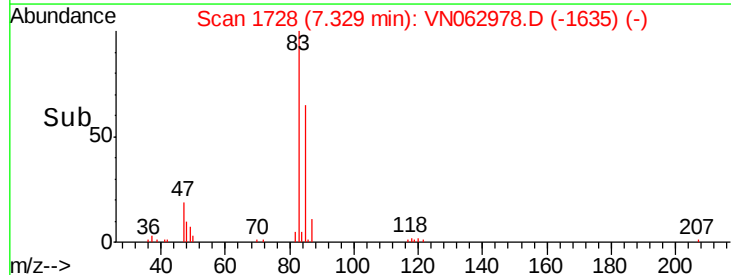
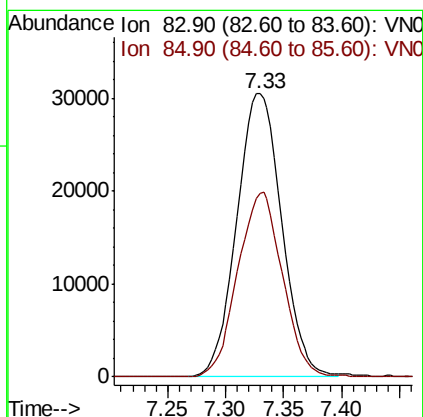
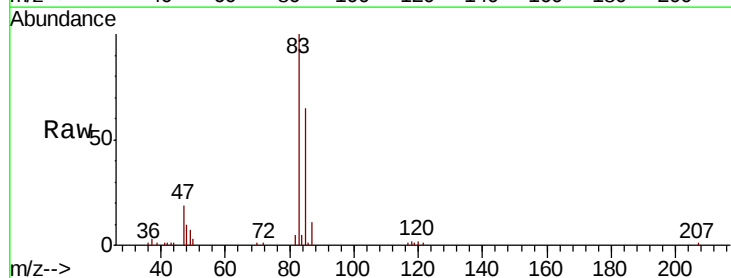
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

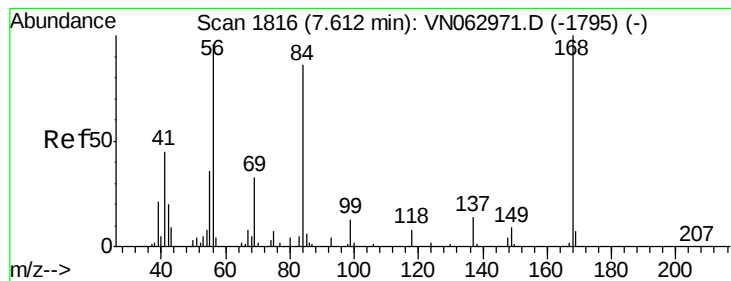
Tot Ion: 42 Resp: 94455
Ion Ratio Lower Upper
42 100
72 48.3 39.4 59.2
71 46.4 37.2 55.8



#30
Chloroform
Concen: 18.500 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 83 Resp: 82332
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.4





#31

Cyclohexane

Concen: 17.889 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

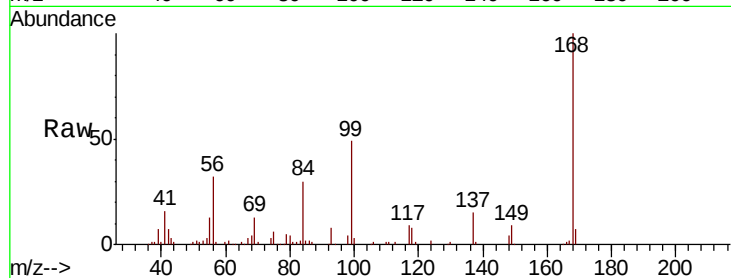
Tot Ion: 56 Resp: 74445

Ion Ratio Lower Upper

56 100

69 39.8 27.4 41.2

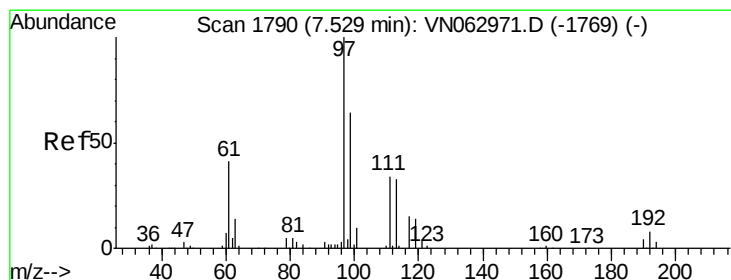
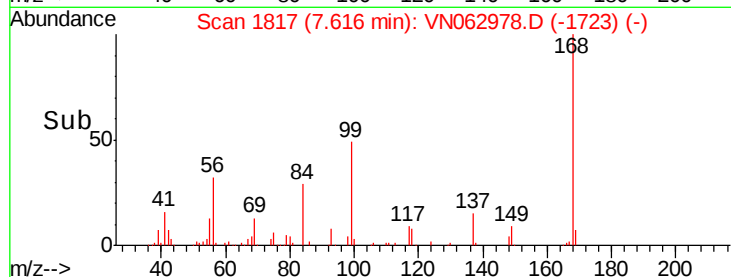
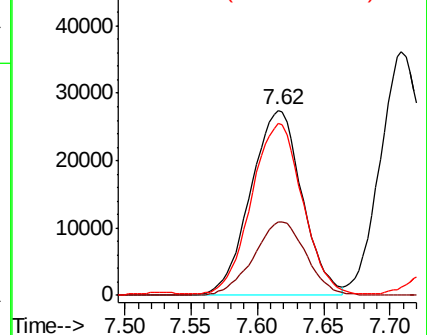
84 92.0 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.488 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

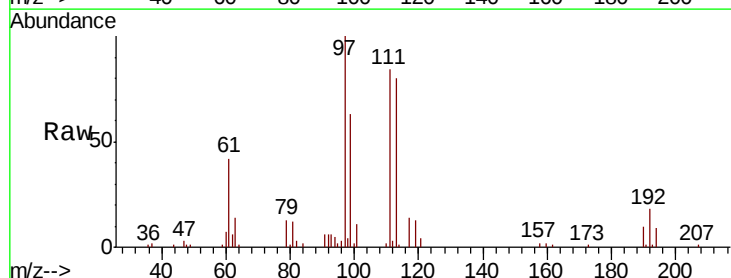
Tgt Ion: 97 Resp: 68292

Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.4

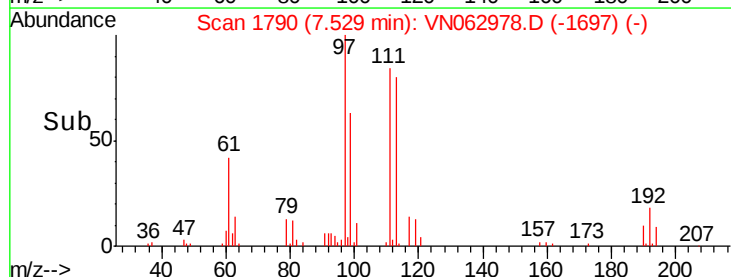
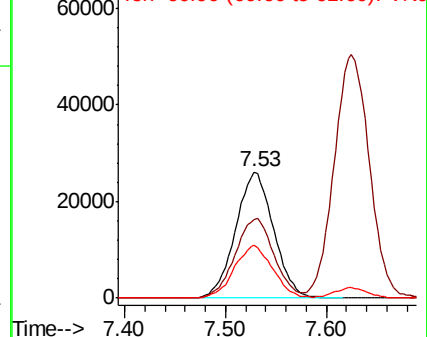
61 42.1 33.5 50.3

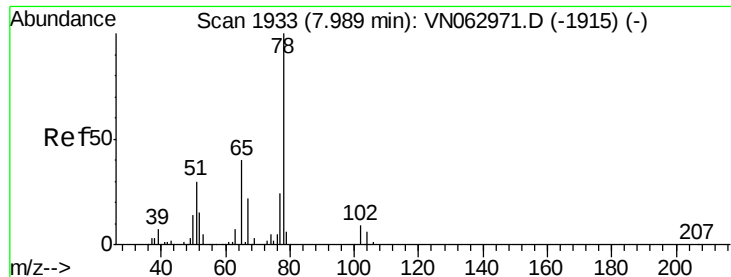


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 48.513 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

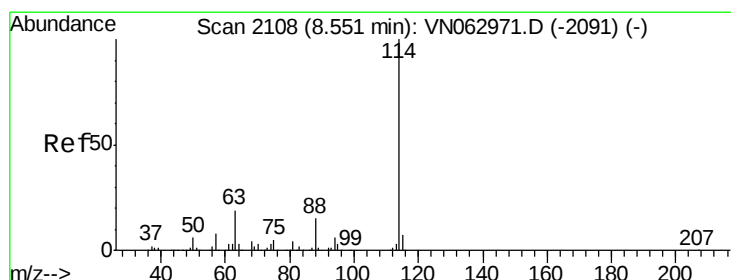
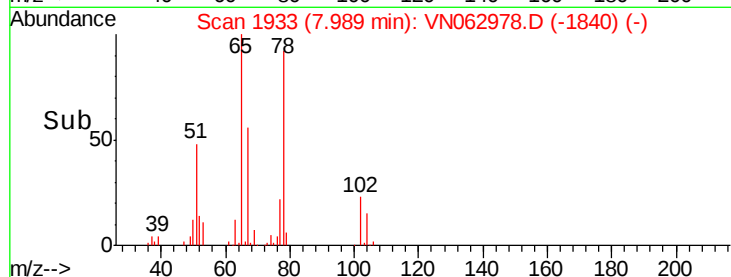
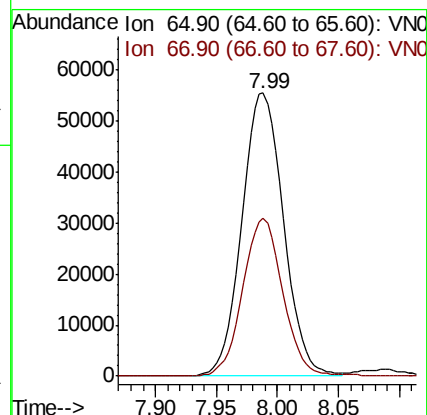
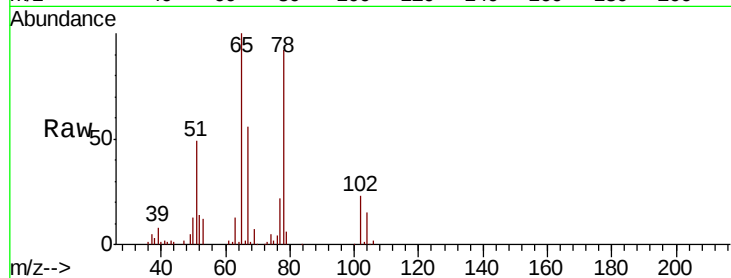
VN0817MBS01

Tot Ion: 65 Resp: 130885

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

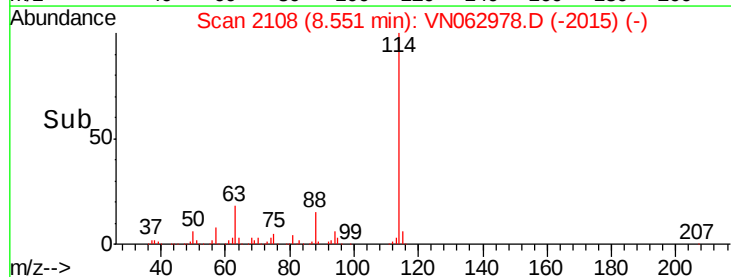
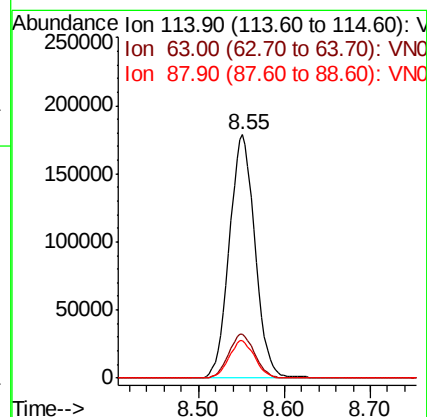
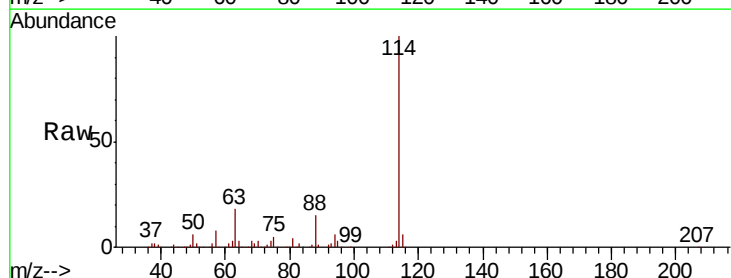
Tgt Ion: 114 Resp: 370415

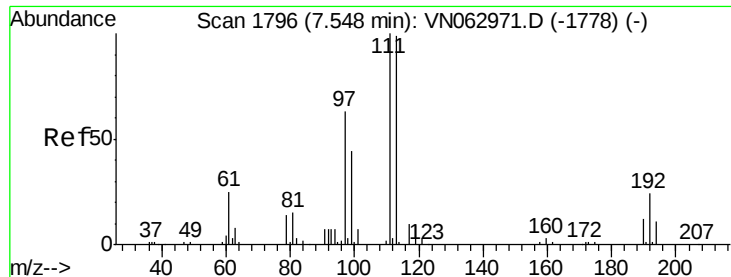
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.6

88 15.3 0.0 31.0

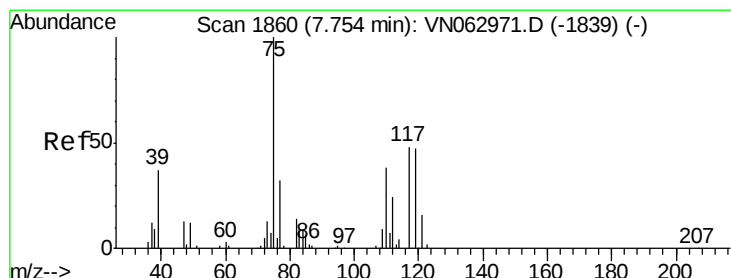
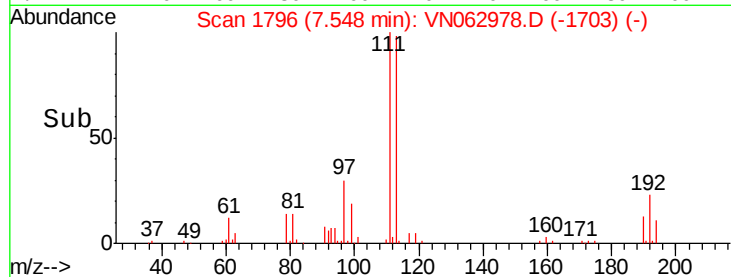
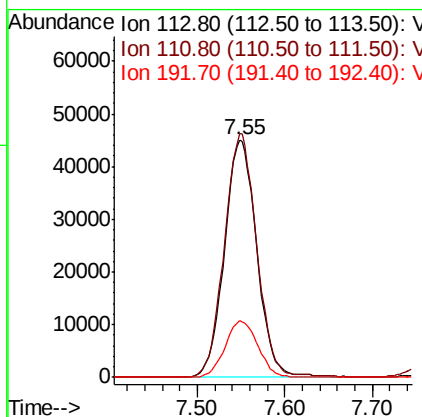
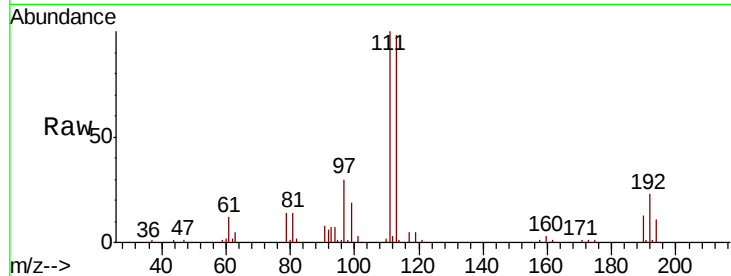




#35
 Dibromofluoromethane
 Concen: 47.890 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

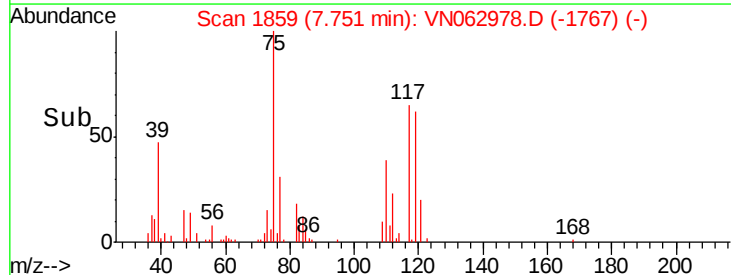
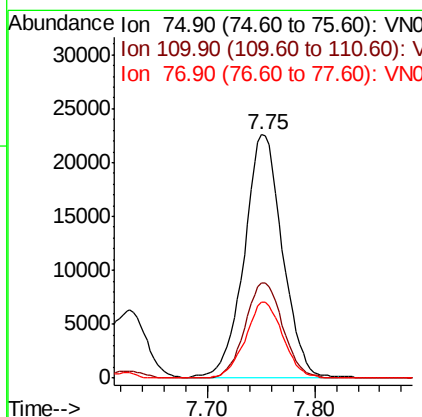
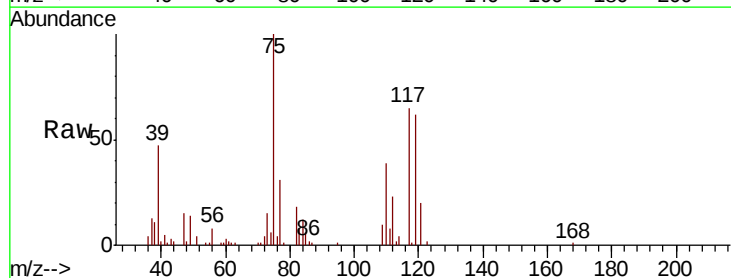
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

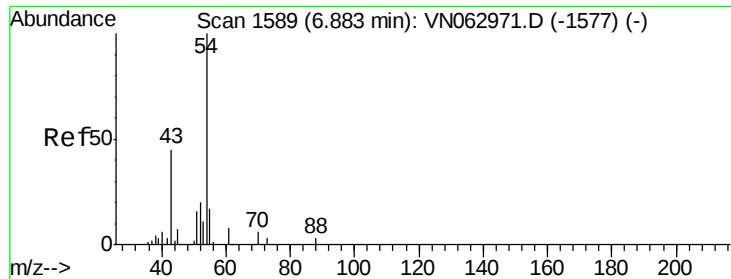
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	24.0	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 17.529 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	18.7	56.1
77	30.5	25.6	38.4

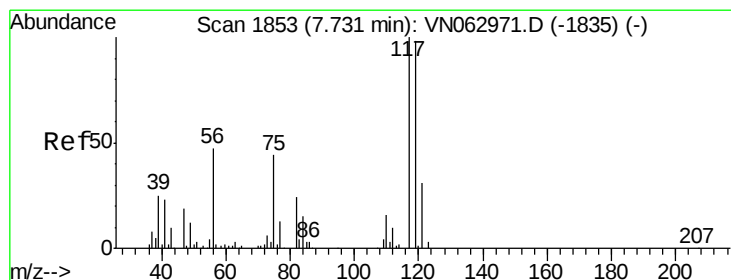
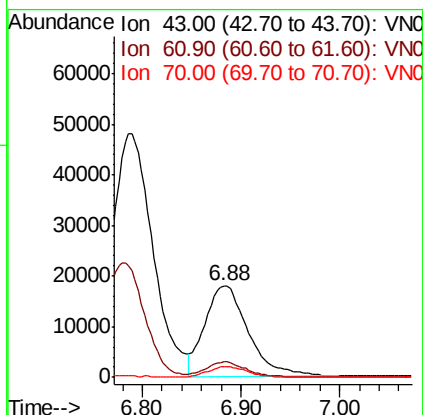
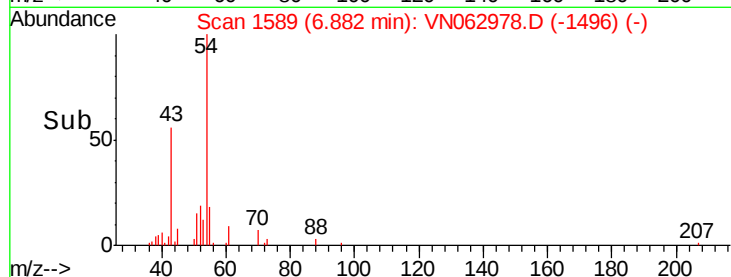
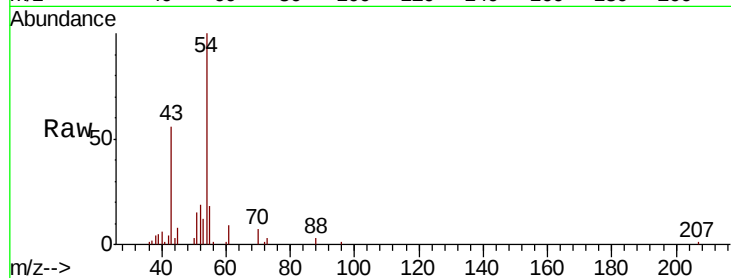




#37
Ethyl Acetate
Concen: 18.958 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

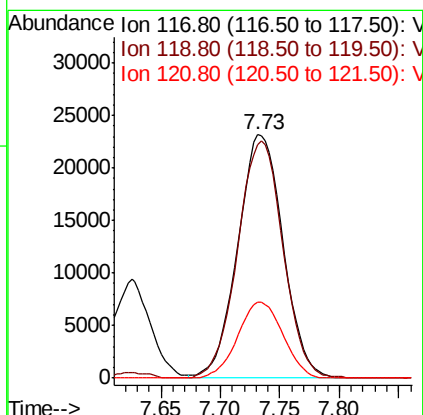
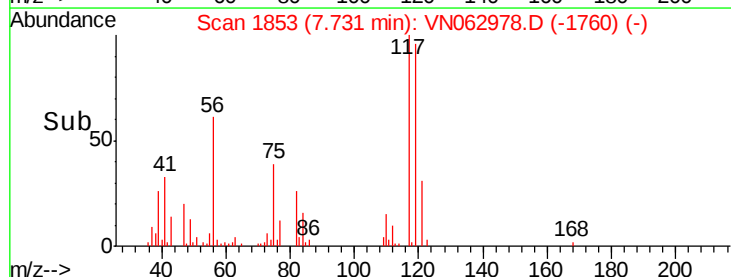
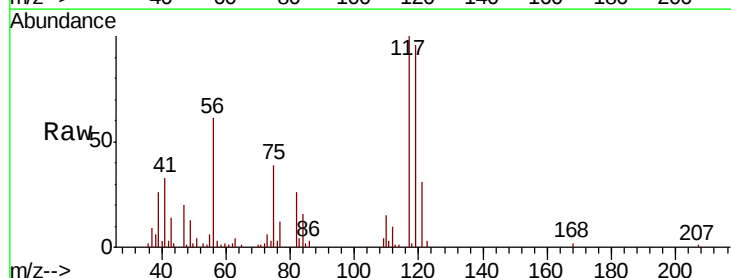
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

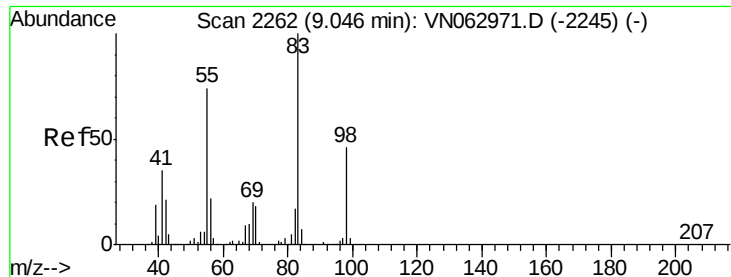
Tot Ion: 43 Resp: 55031
Ion Ratio Lower Upper
43 100
61 16.2 12.4 18.6
70 11.0 9.9 14.9



#38
Carbon Tetrachloride
Concen: 18.209 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 117 Resp: 61130
Ion Ratio Lower Upper
117 100
119 95.8 77.9 116.9
121 31.3 24.8 37.2

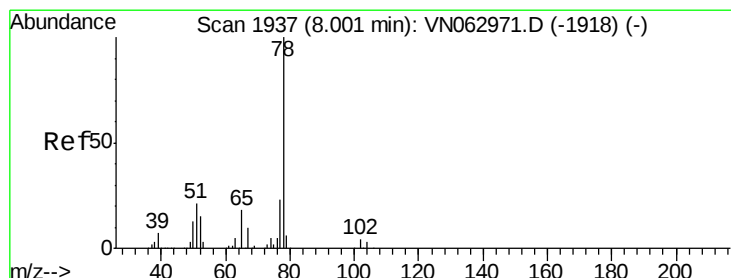
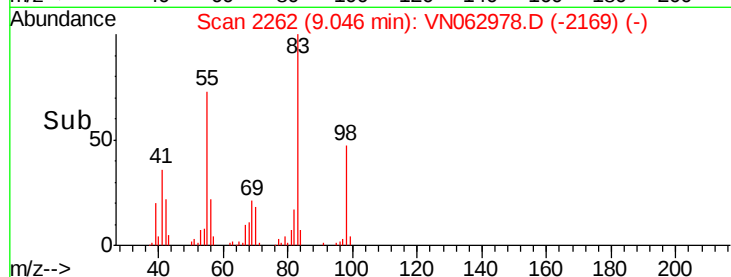
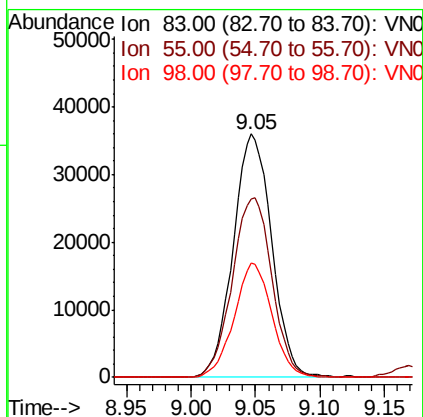
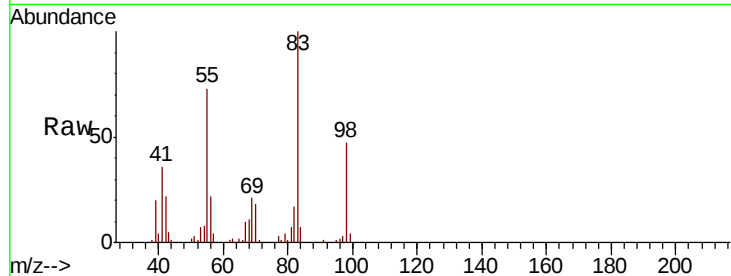




#39
Methylvlcvclohexane
Concen: 17.737 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

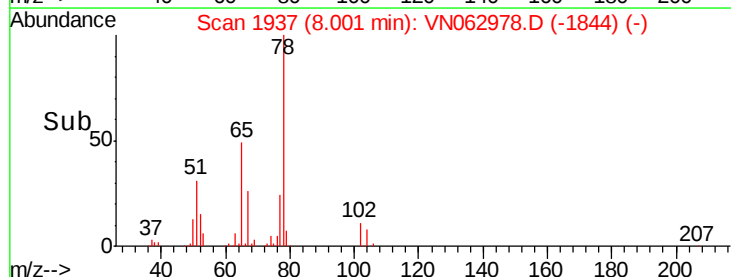
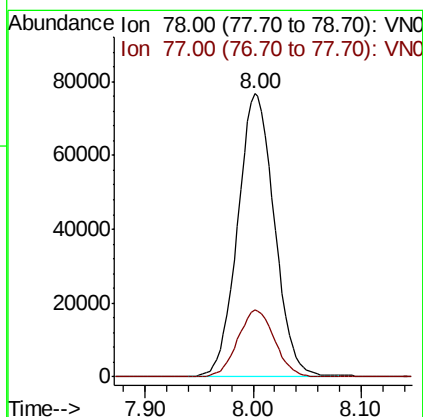
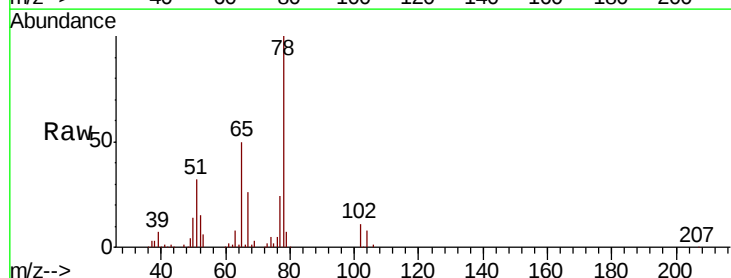
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

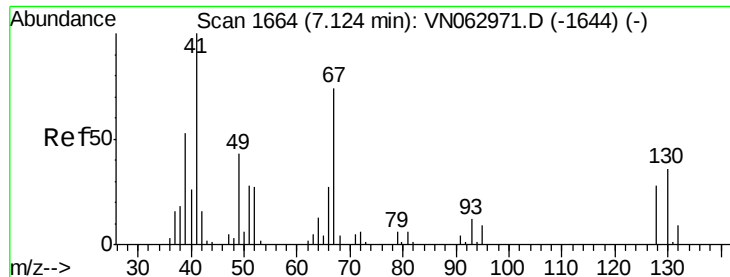
Tot Ion: 83 Resp: 74792
Ion Ratio Lower Upper
83 100
55 73.5 59.0 88.6
98 47.2 36.8 55.2



#40
Benzene
Concen: 18.066 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 78 Resp: 181580
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8

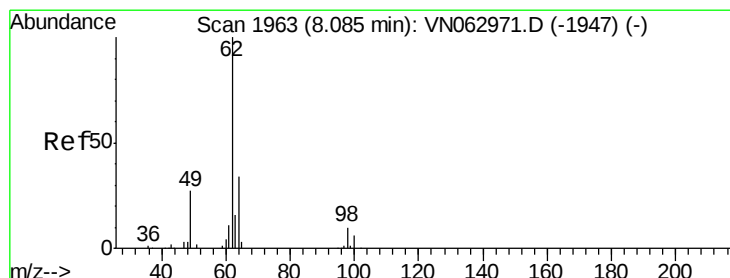
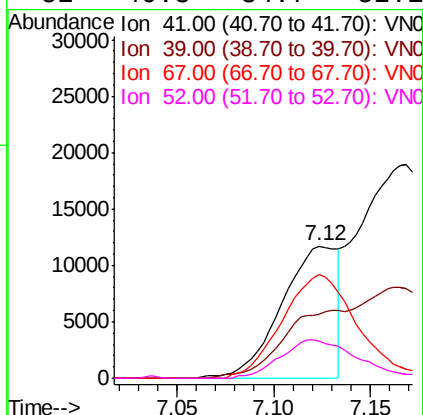
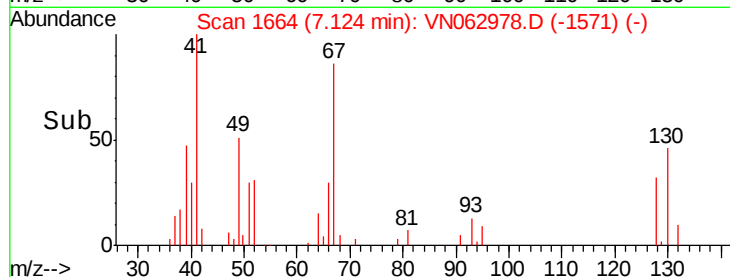
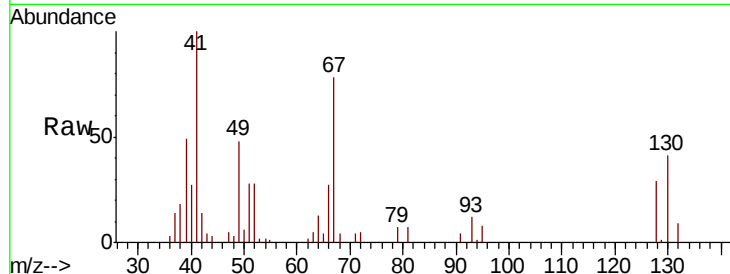




#41
Methacrylonitrile
Concen: 16.573 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

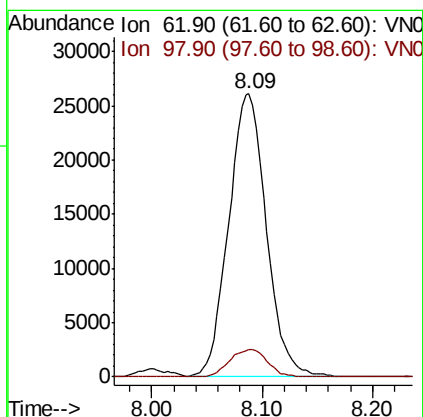
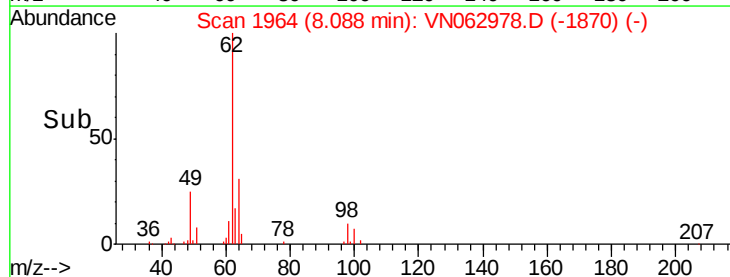
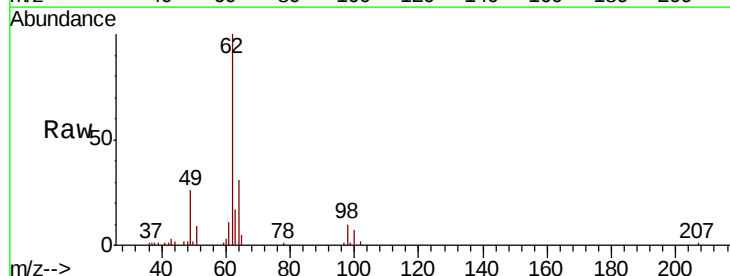
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

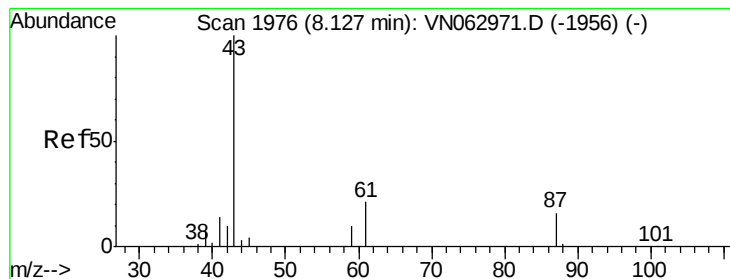
Tot Ion: 41 Resp: 23593
Ion Ratio Lower Upper
41 100
39 0.0 58.6 88.0#
67 107.1 90.1 135.1
52 40.8 34.7 52.1



#42
1,2-Dichloroethane
Concen: 18.692 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 62 Resp: 61667
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.8





#43

Isopropyl Acetate

Concen: 18.750 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

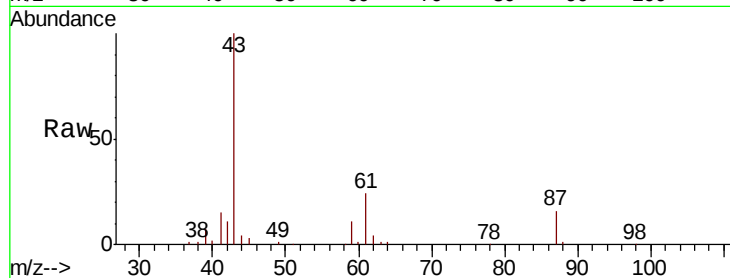
Tot Ion: 43 Resp: 86475

Ion Ratio Lower Upper

43 100

61 30.6 24.6 36.8

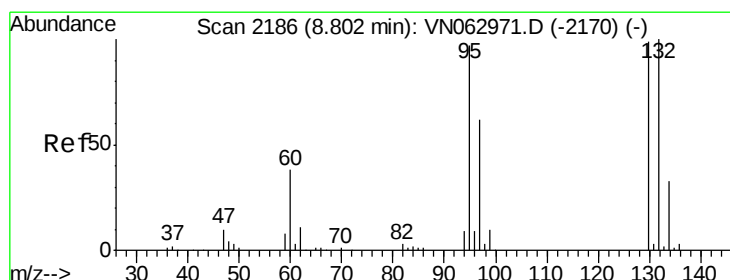
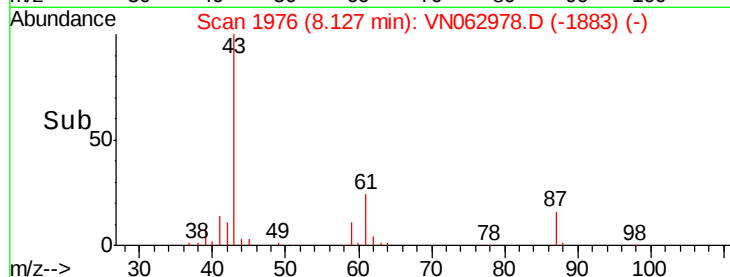
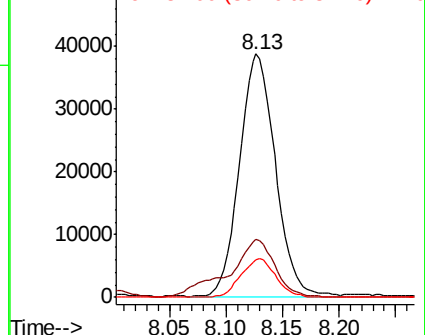
87 15.3 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 18.687 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062978.D

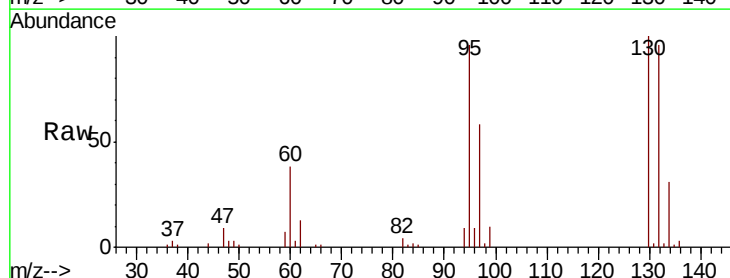
Acq: 17 Aug 2020 19:07

Tgt Ion:130 Resp: 50638

Ion Ratio Lower Upper

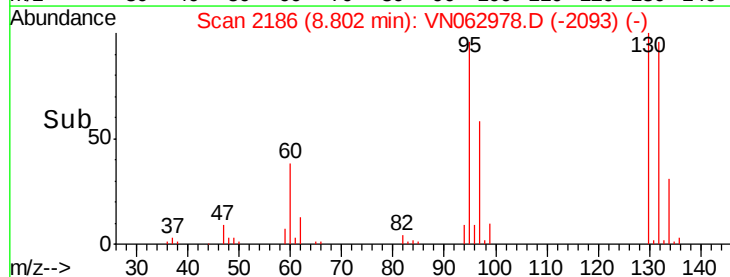
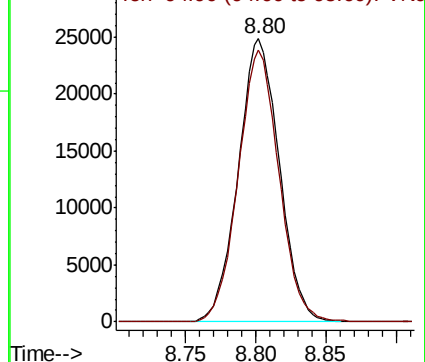
130 100

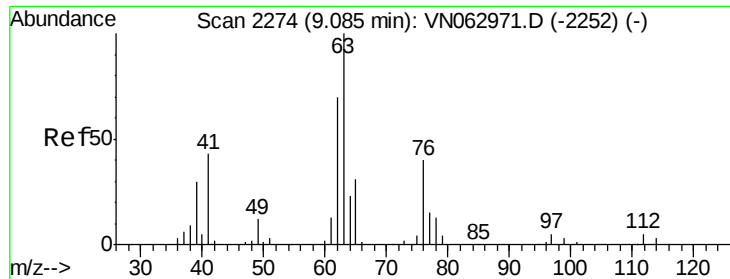
95 96.1 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 18.246 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampled :

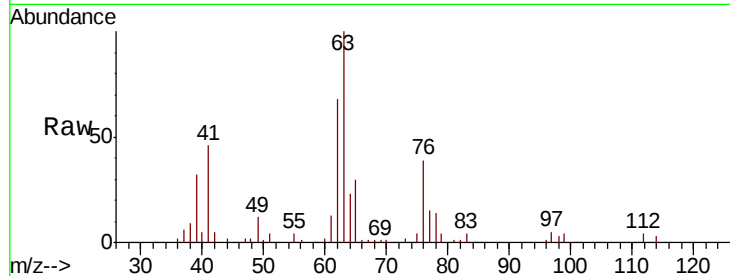
VN0817MBS01

Tot Ion: 63 Resp: 51096

Ion Ratio Lower Upper

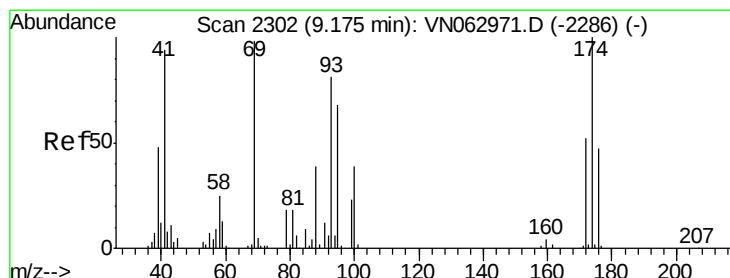
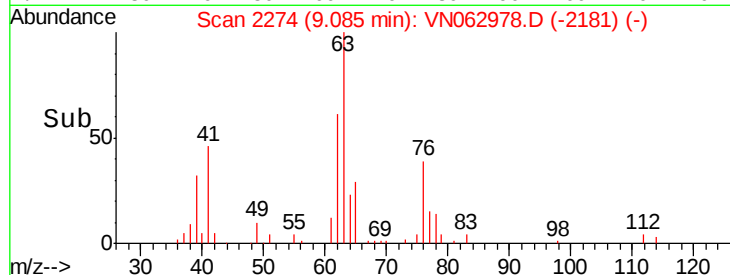
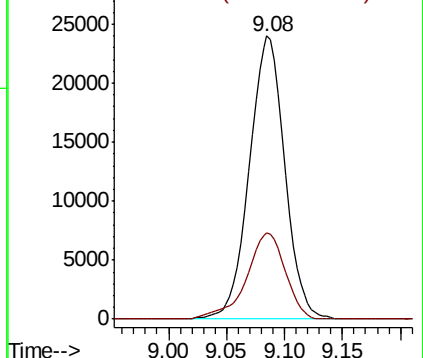
63 100

65 30.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.999 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

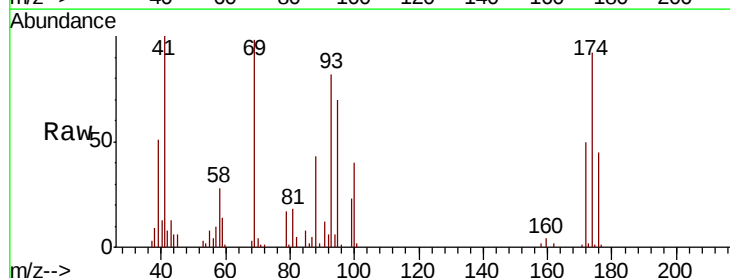
Tgt Ion: 93 Resp: 33125

Ion Ratio Lower Upper

93 100

95 85.0 66.6 99.8

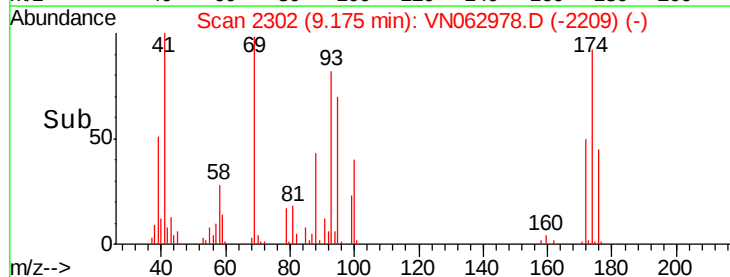
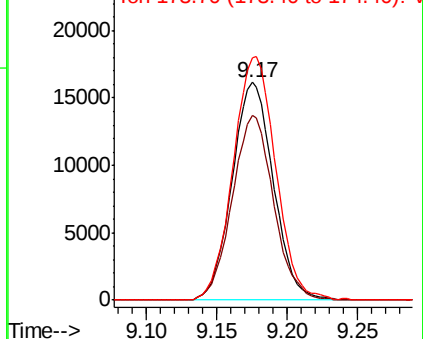
174 115.2 96.6 145.0

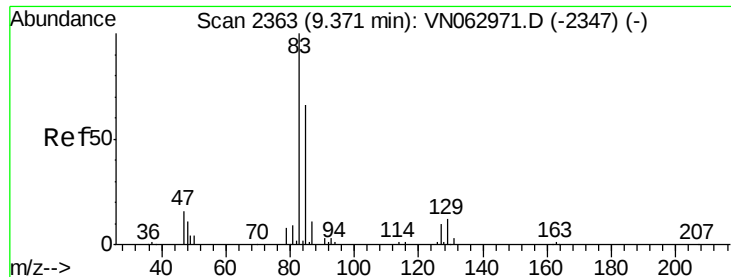


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.088 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

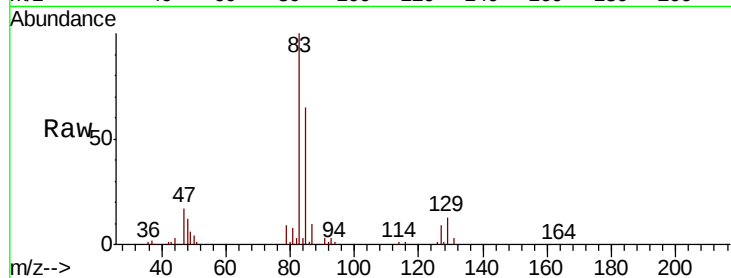
Tot Ion: 83 Resp: 67502

Ion Ratio Lower Upper

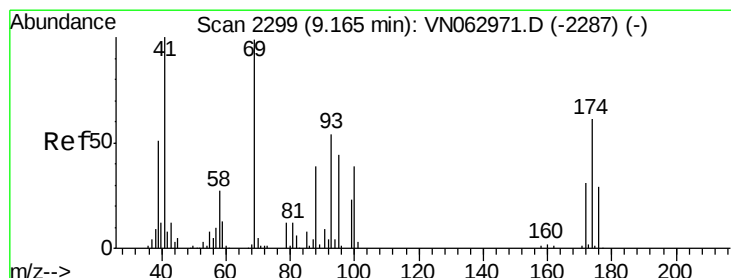
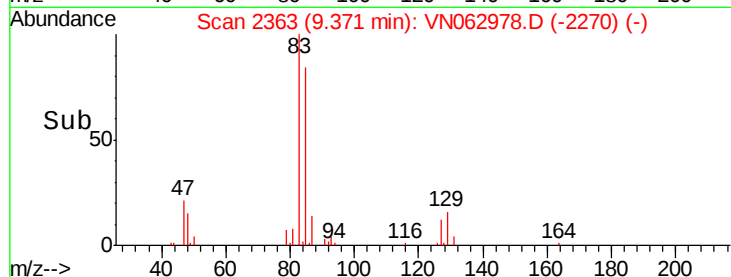
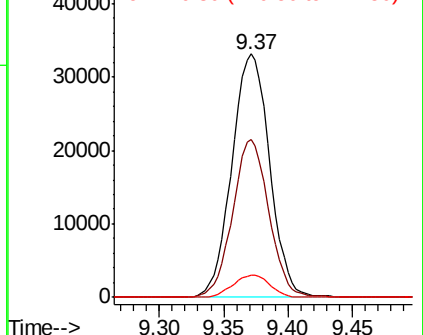
83 100

85 65.1 52.4 78.6

127 9.0 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 18.682 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

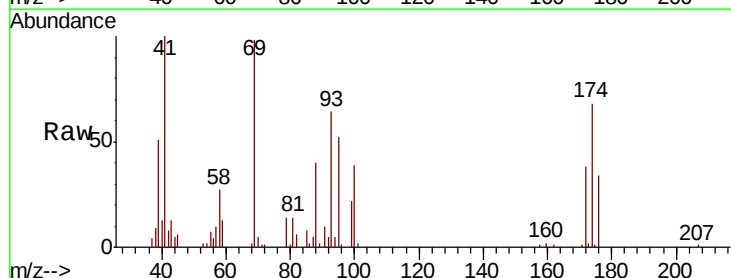
Tgt Ion: 41 Resp: 42146

Ion Ratio Lower Upper

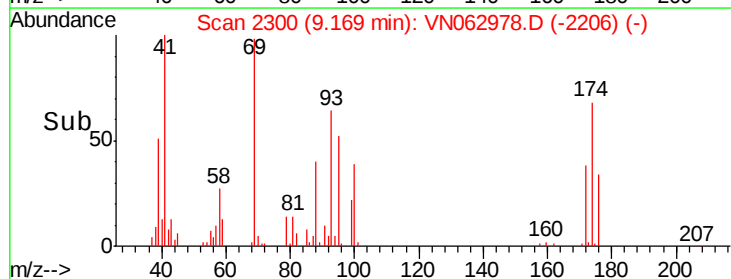
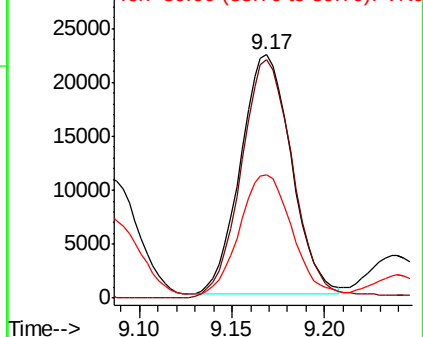
41 100

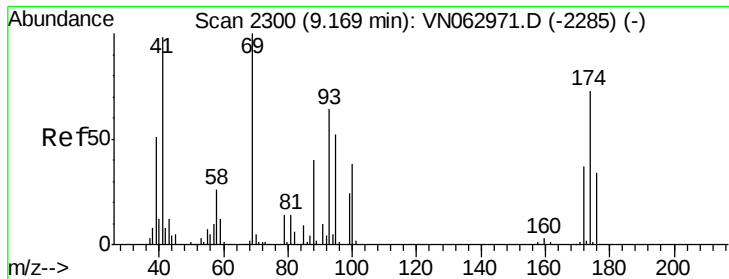
69 102.5 81.1 121.7

39 51.3 42.4 63.6



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

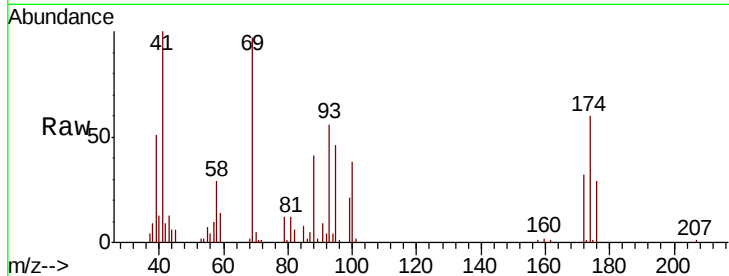




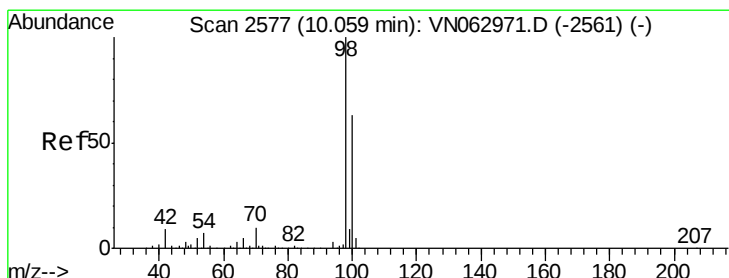
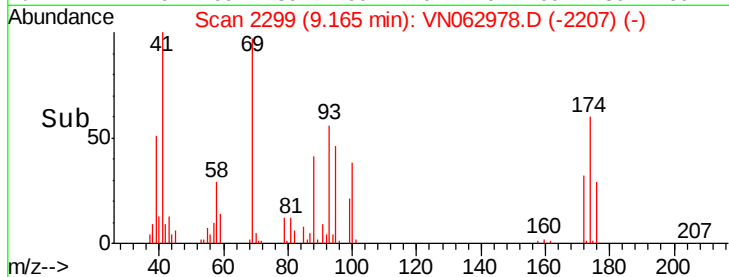
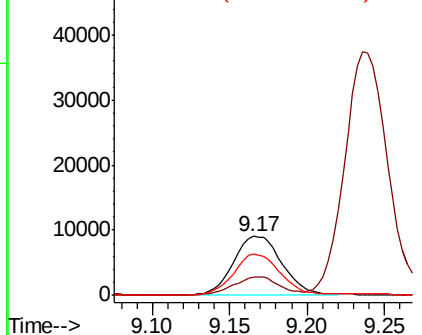
#49
 1,4-Dioxane
 Concen: 416.008 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Tot Ion: 88 Resp: 19849
 Ion Ratio Lower Upper
 88 100
 43 30.3 23.1 34.7
 58 67.5 53.1 79.7

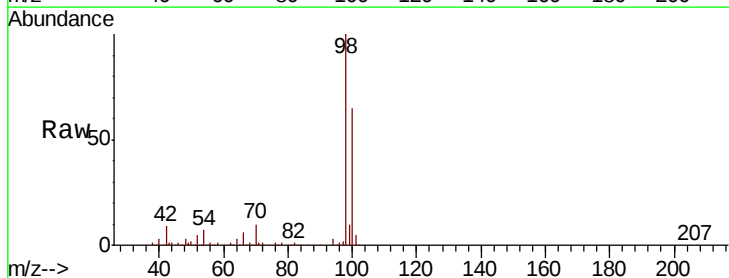


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

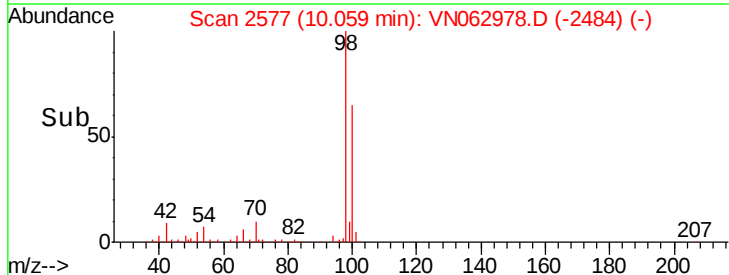
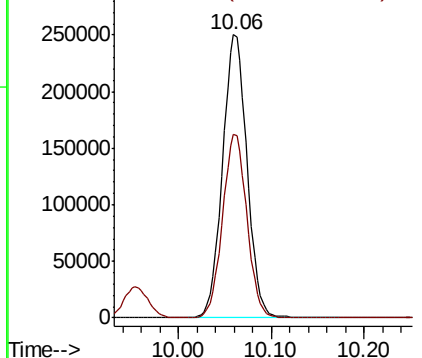


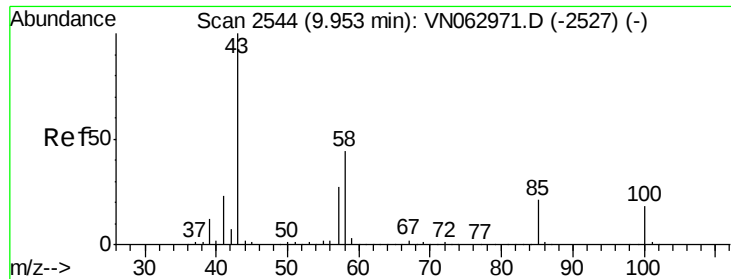
#50
 Toluene-d8
 Concen: 48.857 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion: 98 Resp: 457466
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.0 76.4



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: 96.984 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

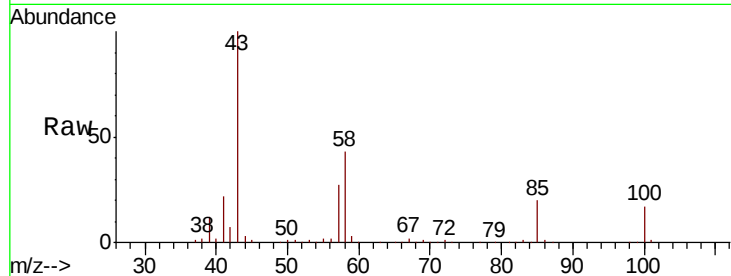
VN0817MBS01

Tot Ion: 43 Resp: 299266

Ion Ratio Lower Upper

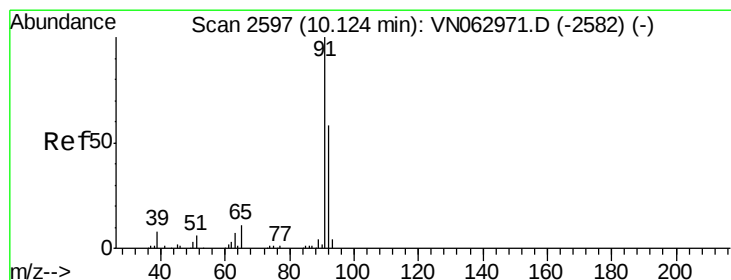
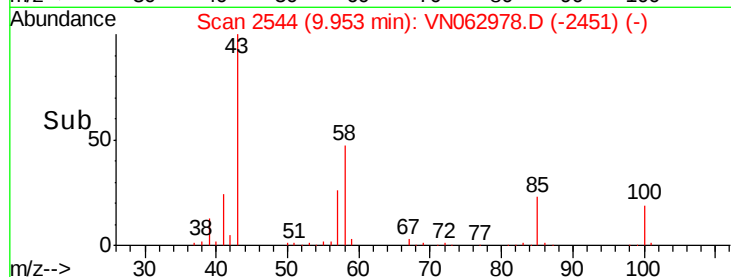
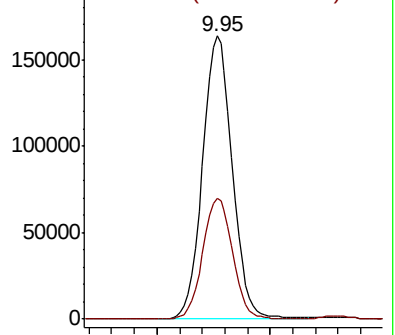
43 100

58 42.9 34.3 51.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.772 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062978.D

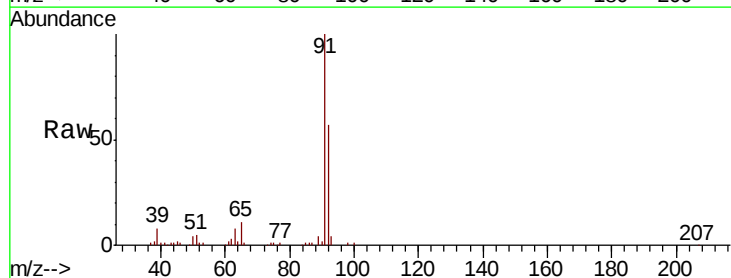
Acq: 17 Aug 2020 19:07

Tgt Ion: 92 Resp: 119197

Ion Ratio Lower Upper

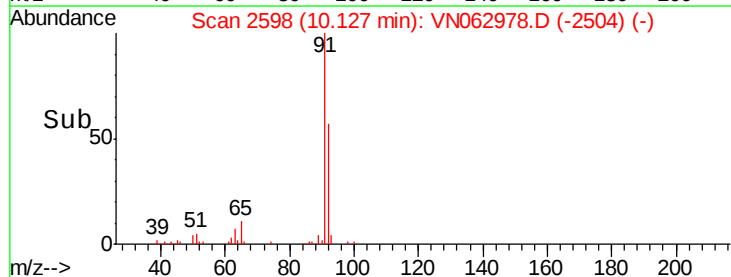
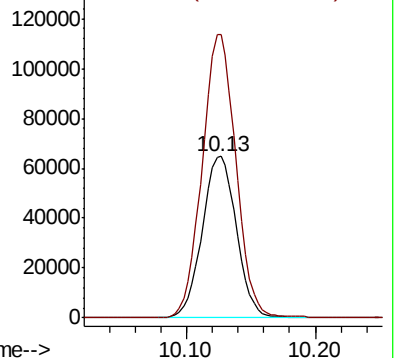
92 100

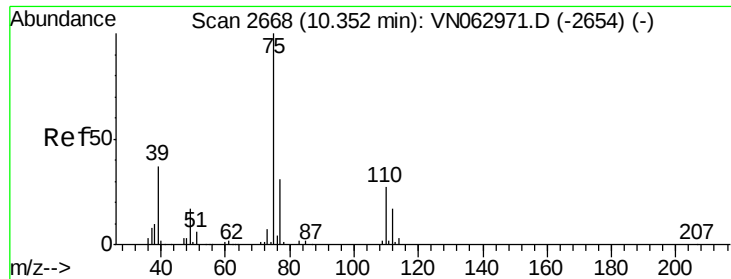
91 173.3 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.763 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

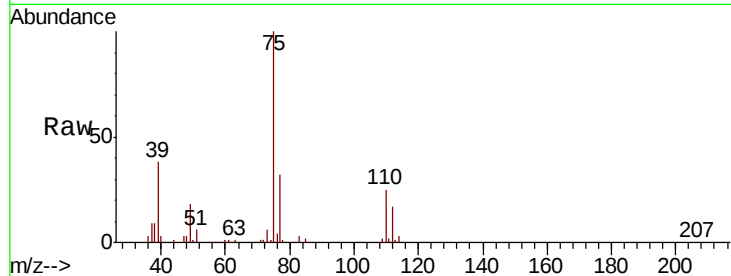
VN0817MBS01

Tot Ion: 75 Resp: 71577

Ion Ratio Lower Upper

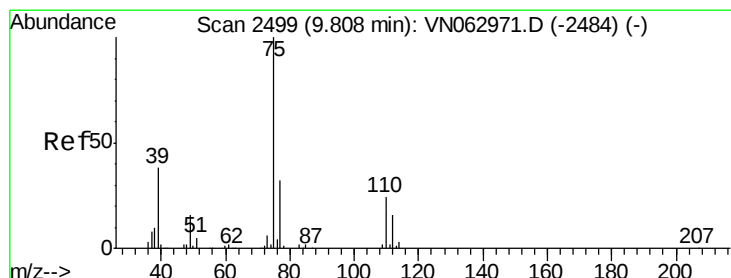
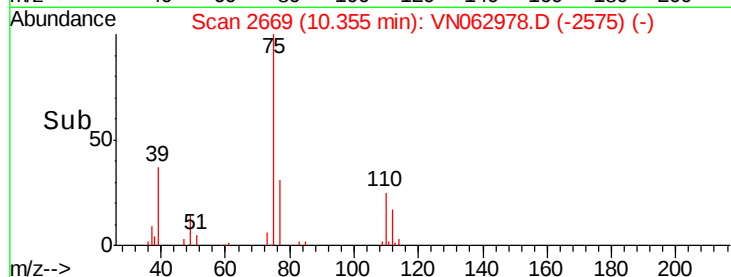
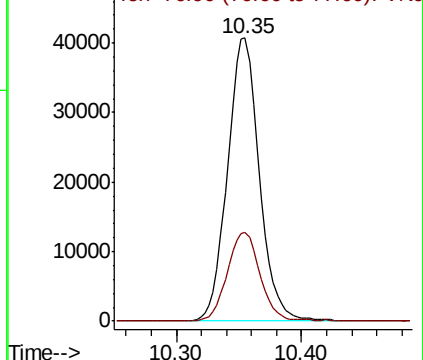
75 100

77 31.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.008 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

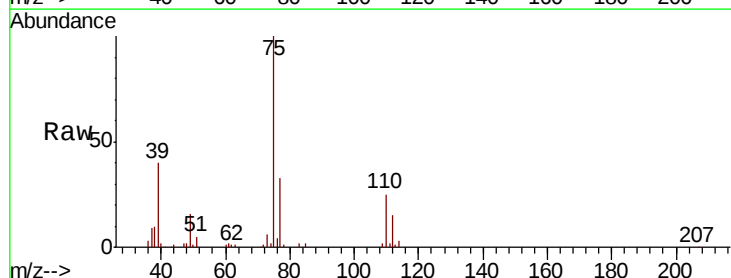
Tgt Ion: 75 Resp: 78267

Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.2

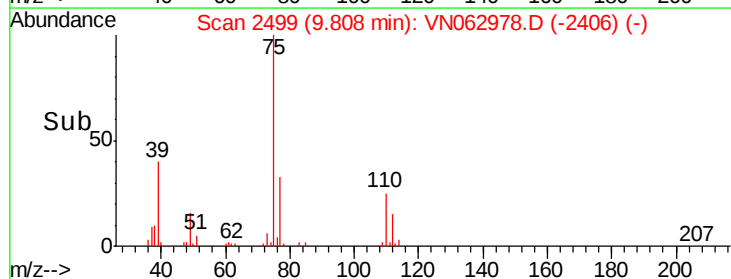
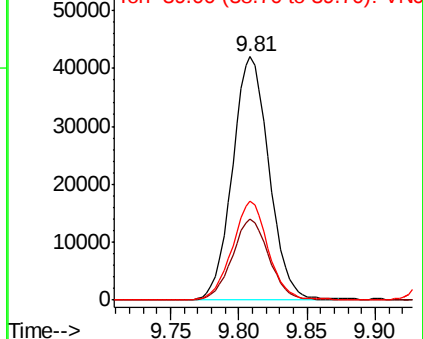
39 40.4 30.6 46.0

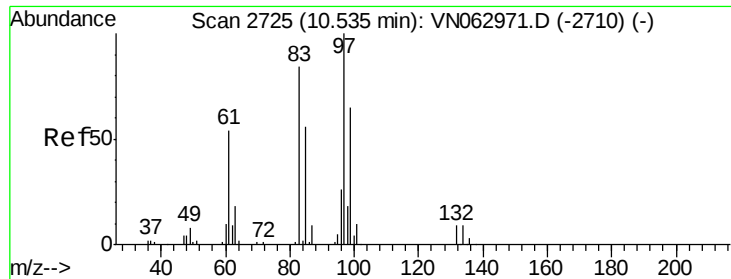


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

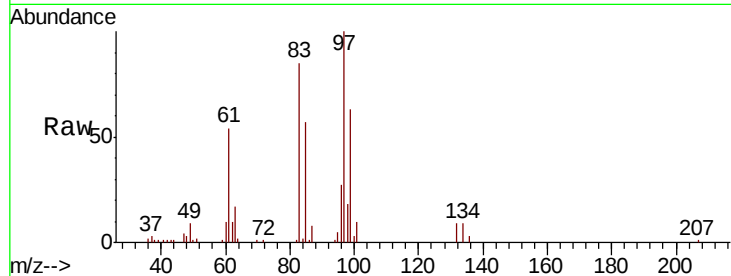




#55
 1,1,2-Trichloroethane
 Concen: 19.108 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Tot Ion:	97	Resp:	51427
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.0	100.4
85	56.5	44.4	66.6
99	63.0	51.9	77.9



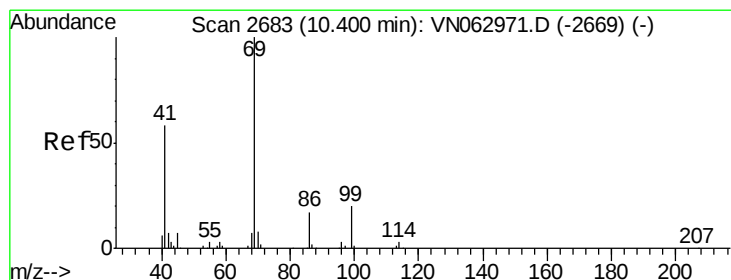
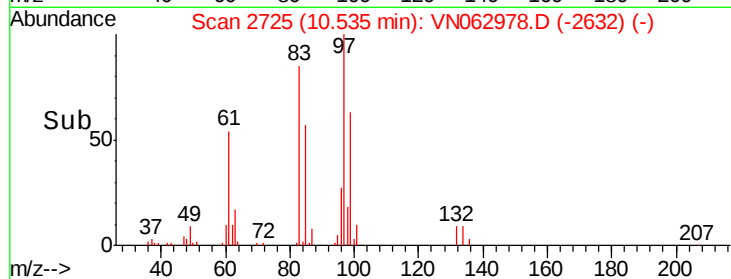
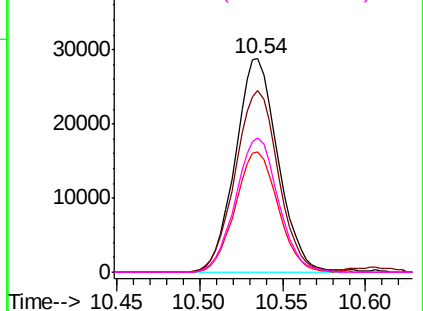
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

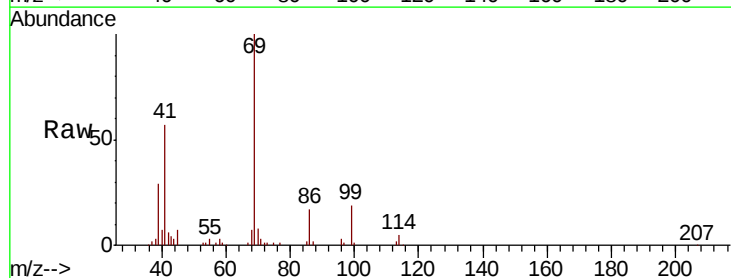
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 19.426 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion:	69	Resp:	70719
Ion	Ratio	Lower	Upper
69	100		
41	56.0	46.0	69.0
39	27.6	23.4	35.0

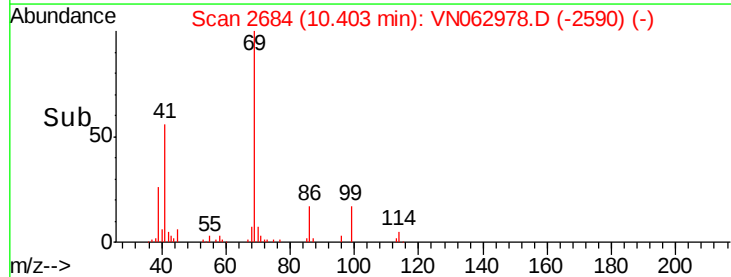
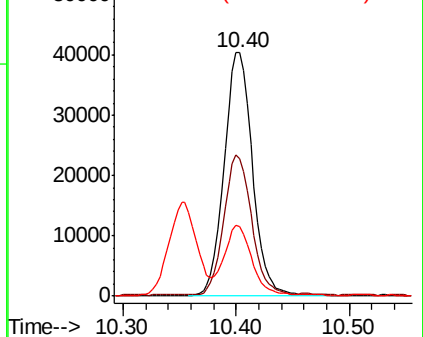


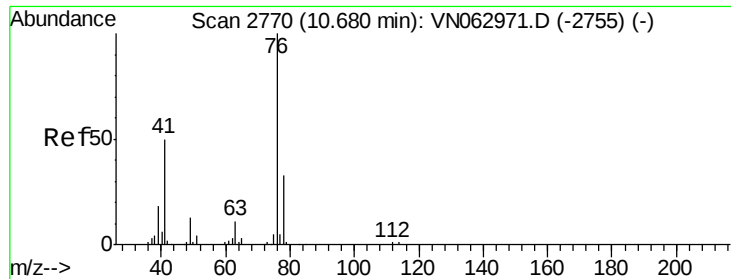
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

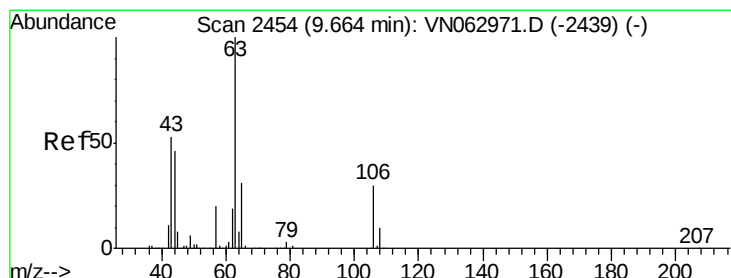
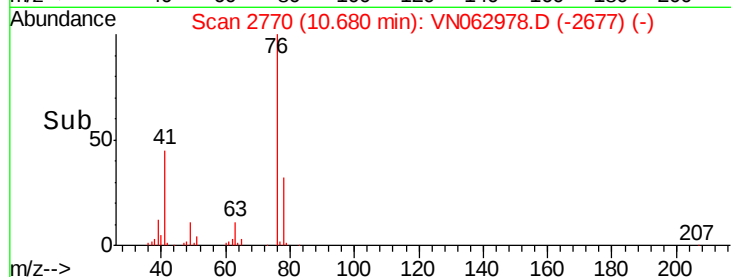
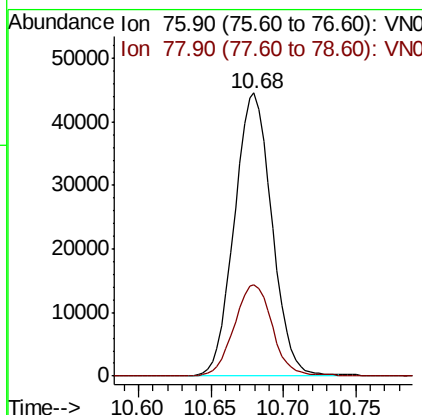
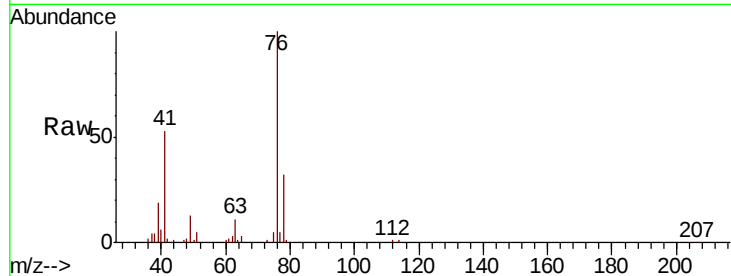




#57
 1,3-Dichloropropane
 Concen: 18.900 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

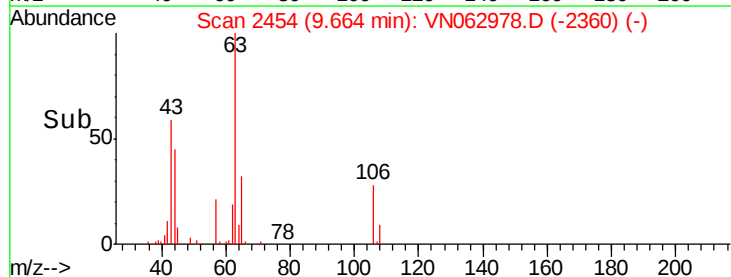
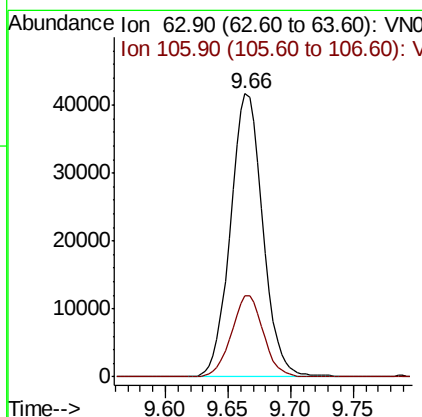
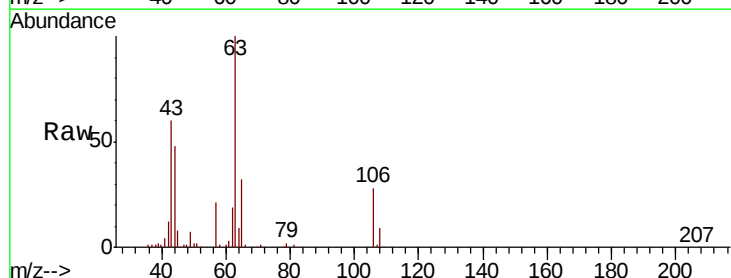
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

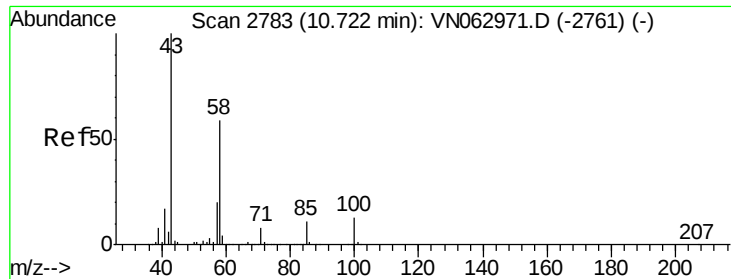
Tot Ion: 76 Resp: 80185
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.721 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion: 63 Resp: 74744
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.4 35.2

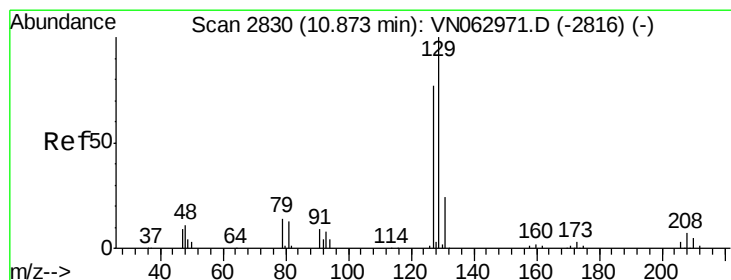
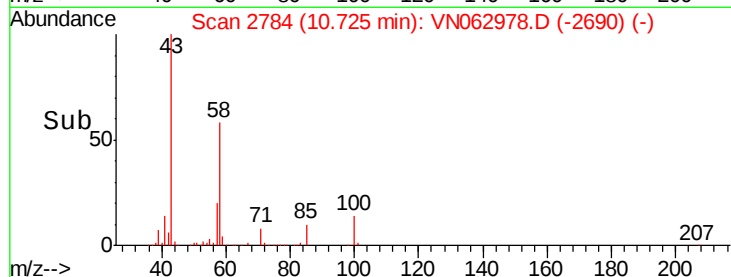
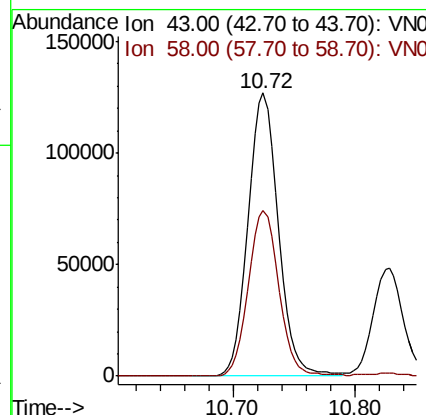
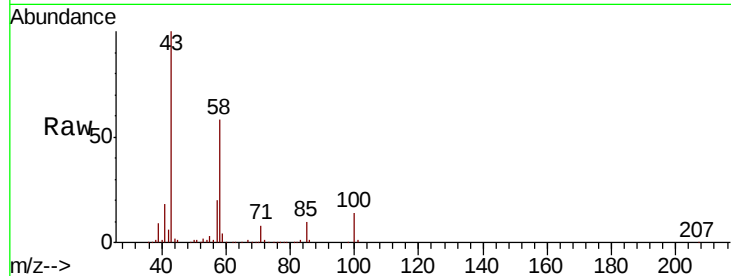




#59
2-Hexanone
Concen: 110.657 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

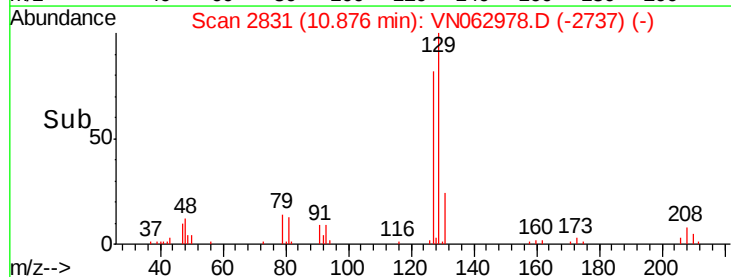
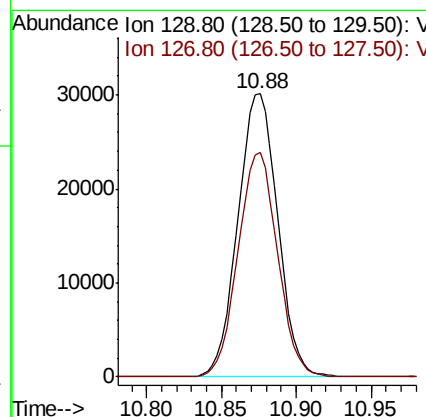
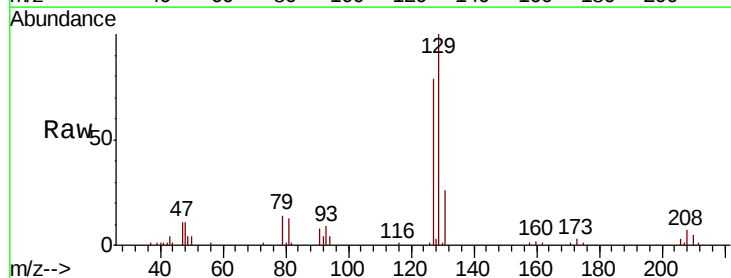
Instrument :
MSVOA_N
ClientSampled :
VN0817MBS01

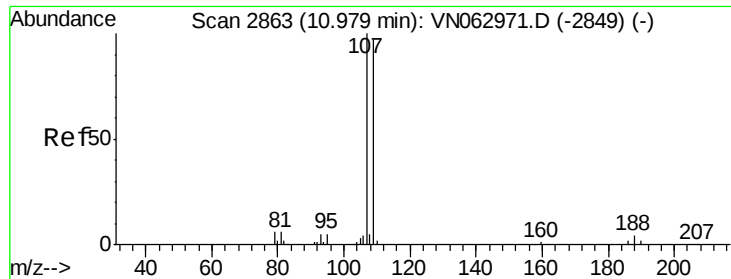
Tot Ion: 43 Resp: 216518
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5



#60
Dibromochloromethane
Concen: 18.662 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 129 Resp: 55898
Ion Ratio Lower Upper
129 100
127 78.4 38.4 115.2

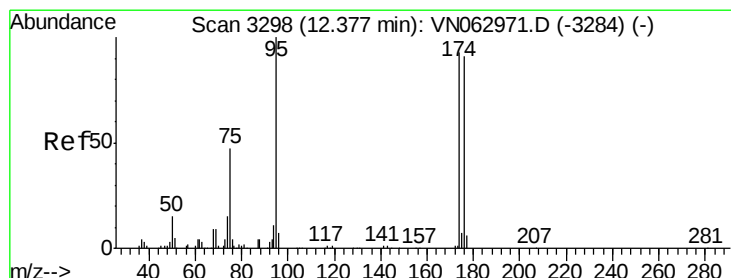
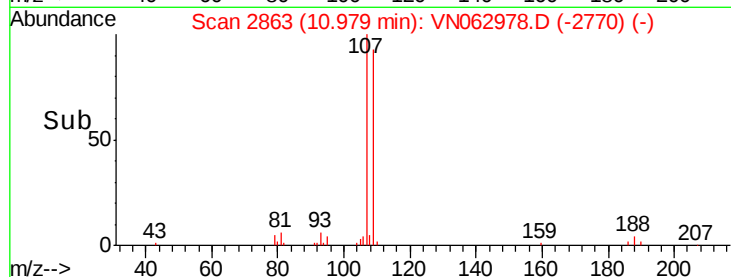
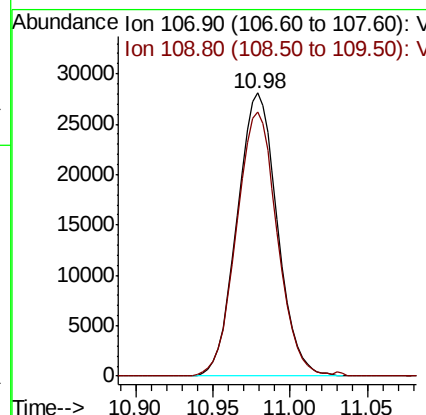
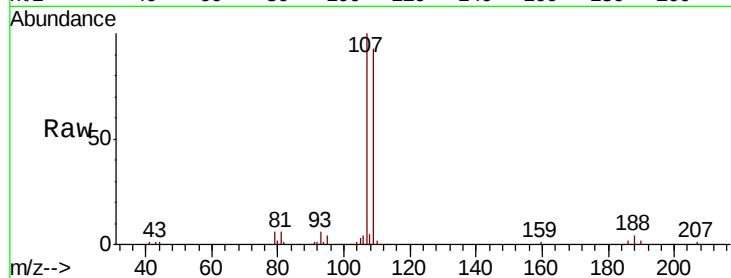




#61
1,2-Dibromoethane
Concen: 18.454 ug/l
RT: 10.98 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

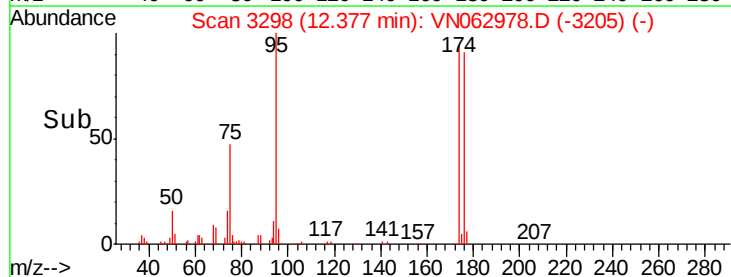
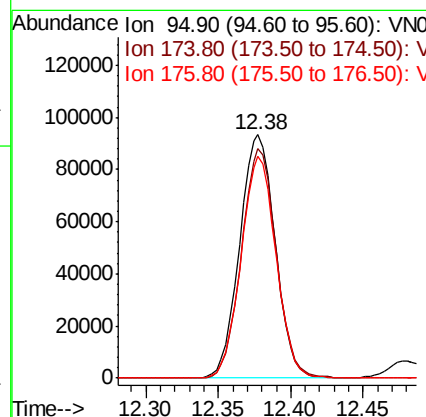
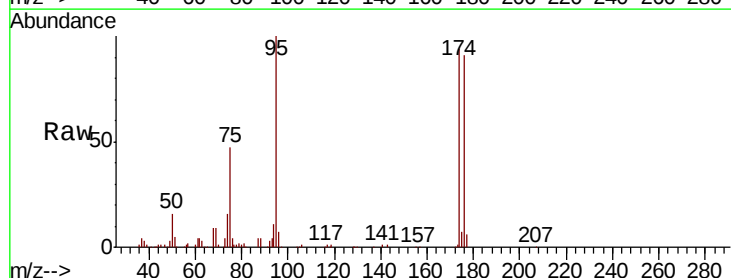
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

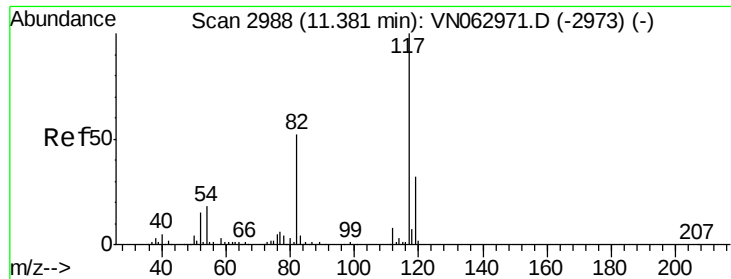
Tot Ion:107 Resp: 50702
Ion Ratio Lower Upper
107 100
109 94.5 76.6 115.0



#62
4-Bromofluorobenzene
Concen: 47.215 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 95 Resp: 158856
Ion Ratio Lower Upper
95 100
174 92.4 0.0 185.2
176 89.6 0.0 178.8

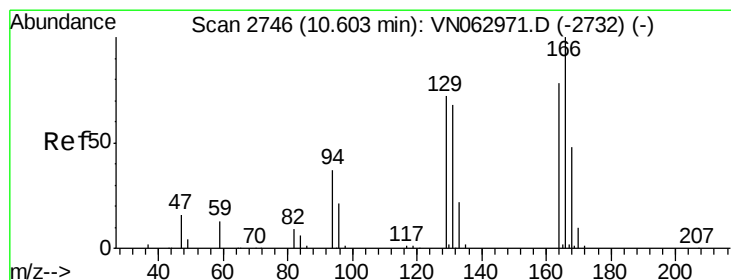
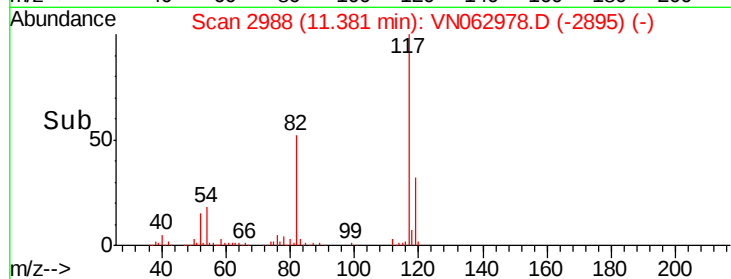
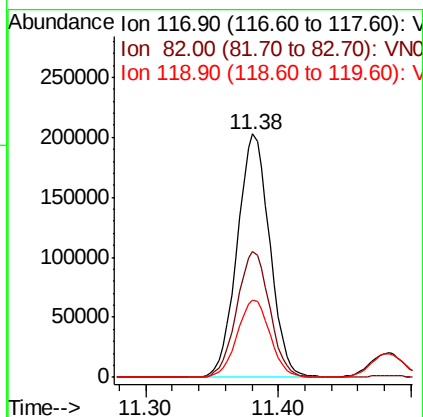
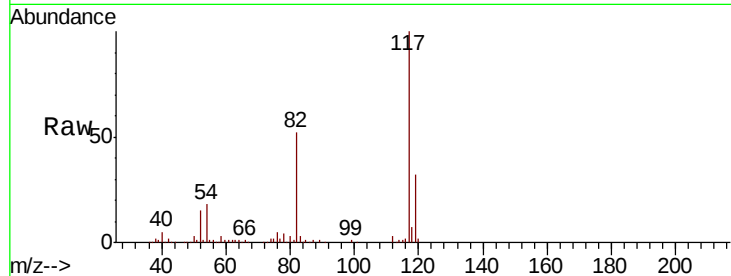




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

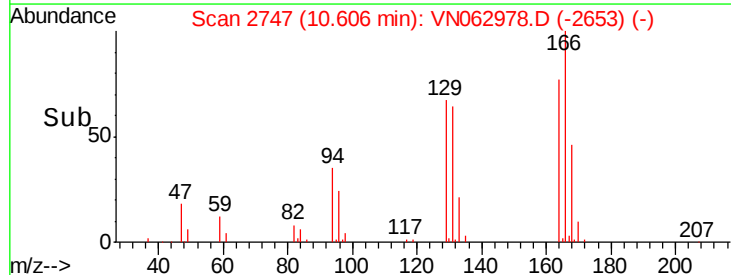
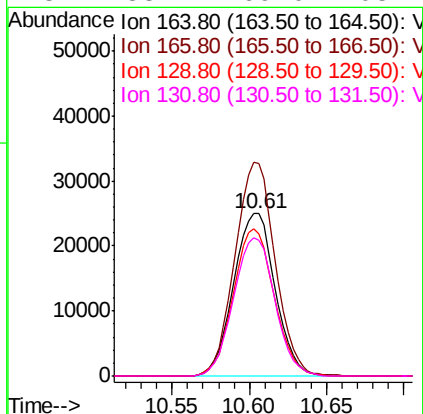
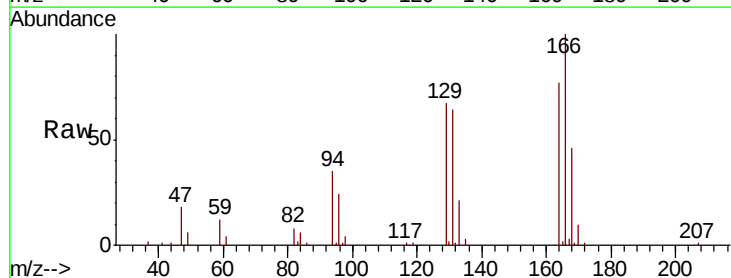
Instrument :
MSVOA_N
ClientSampled :
VN0817MBS01

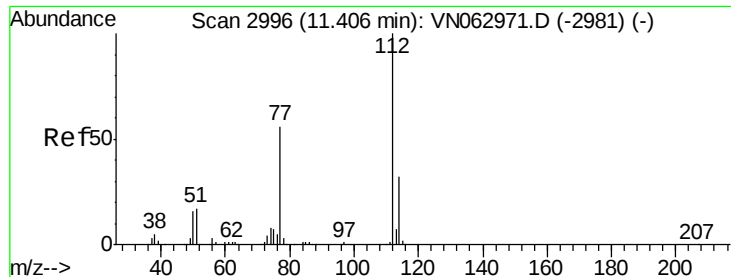
Tot Ion:117 Resp: 345487
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 19.661 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion:164 Resp: 46590
Ion Ratio Lower Upper
164 100
166 130.6 101.9 152.9
129 87.1 73.1 109.7
131 83.7 69.0 103.4





#65

Chlorobenzene

Concen: 18.764 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

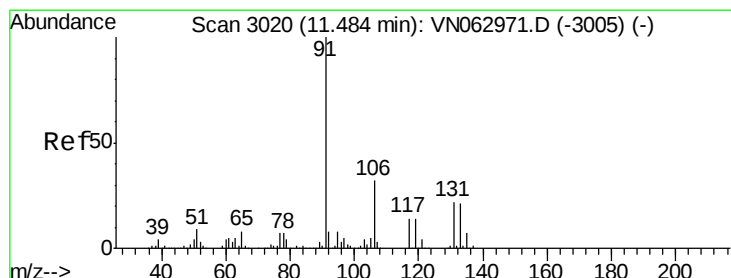
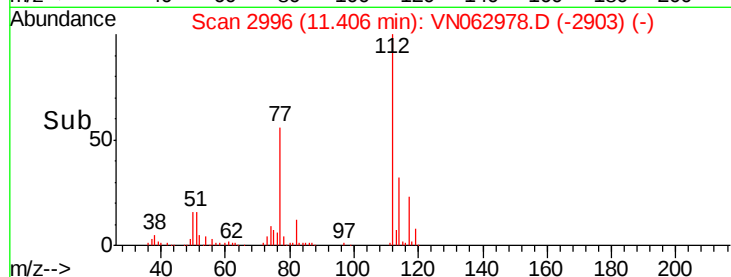
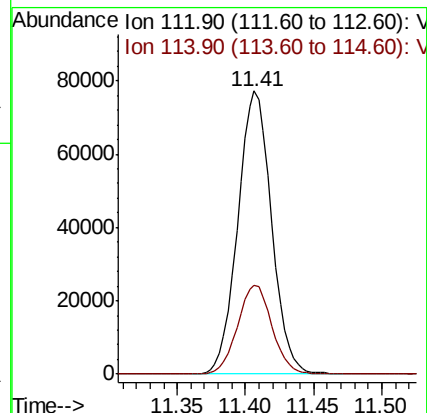
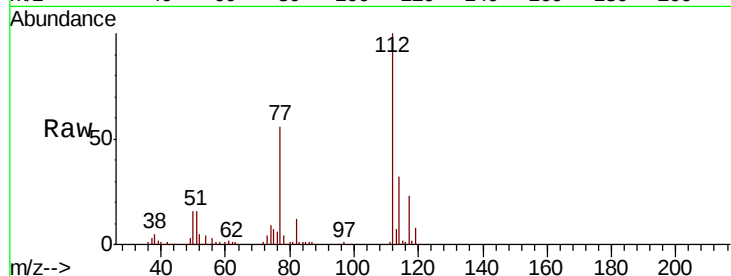
VN0817MBS01

Tot Ion:112 Resp: 132689

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 18.570 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

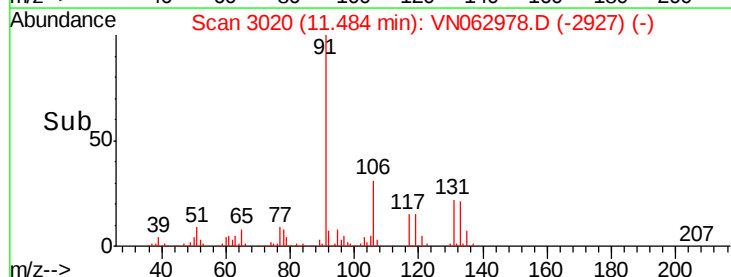
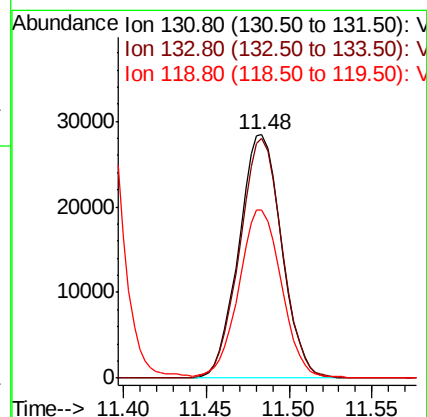
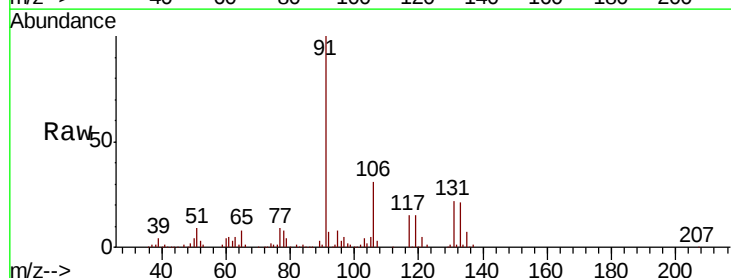
Tgt Ion:131 Resp: 51003

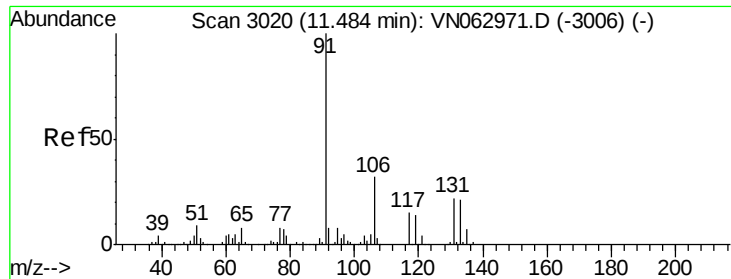
Ion Ratio Lower Upper

131 100

133 97.5 47.8 143.4

119 69.4 32.4 97.0

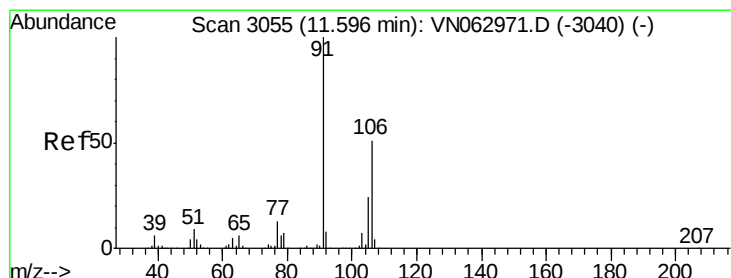
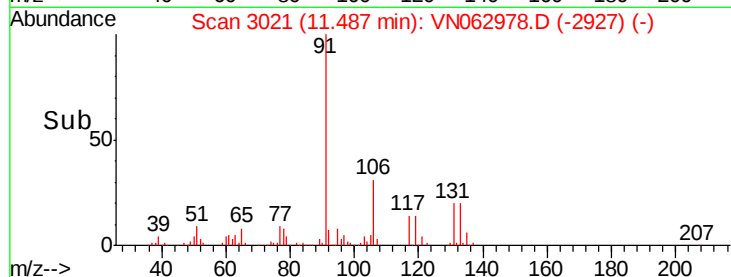
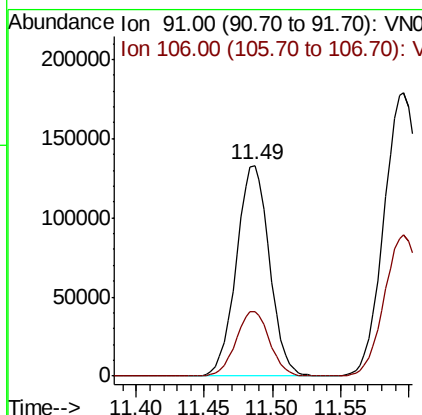
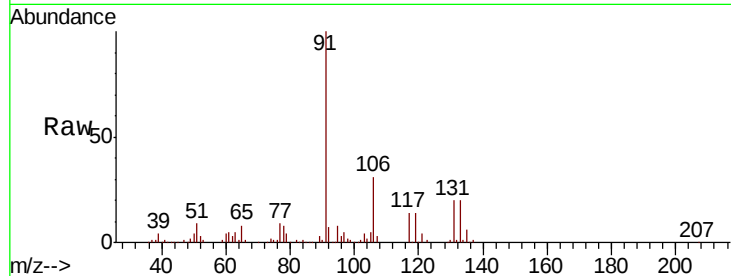




#67
Ethyl Benzene
Concen: 18.861 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

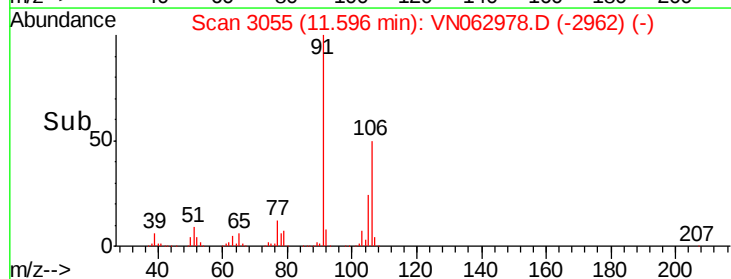
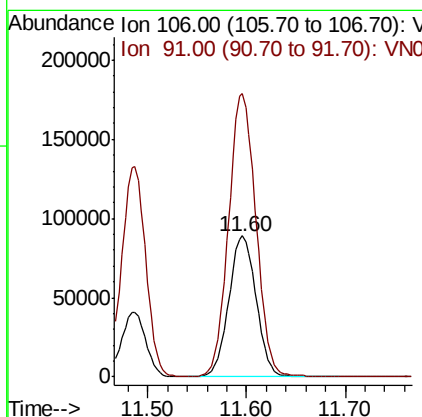
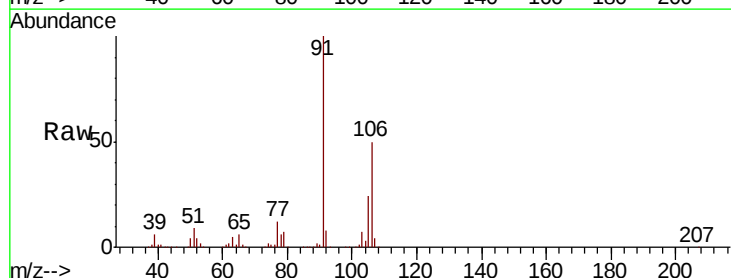
Instrument :
MSVOA_N
ClientSampled :
VN0817MBS01

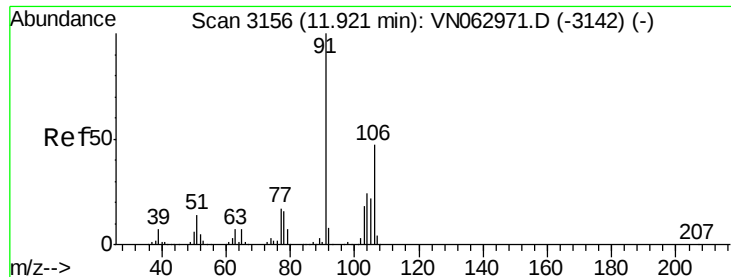
Tot Ion: 91 Resp: 224699
Ion Ratio Lower Upper
91 100
106 30.9 25.9 38.9



#68
m/p-Xylenes
Concen: 38.463 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 106 Resp: 173032
Ion Ratio Lower Upper
106 100
91 199.8 158.7 238.1

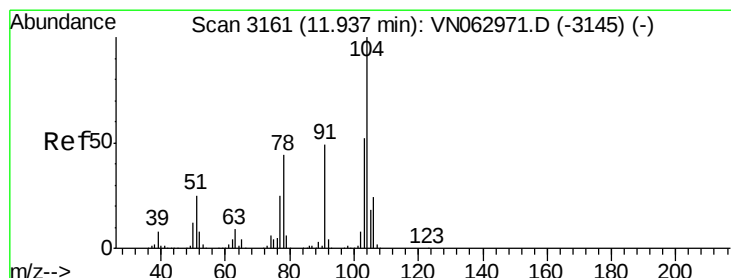
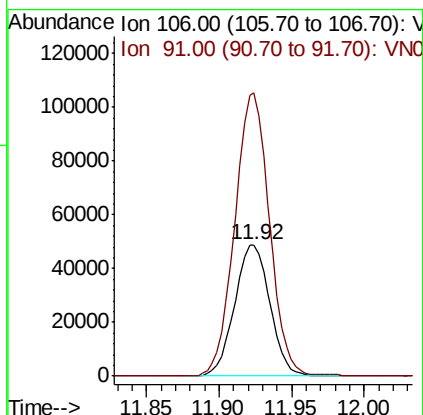
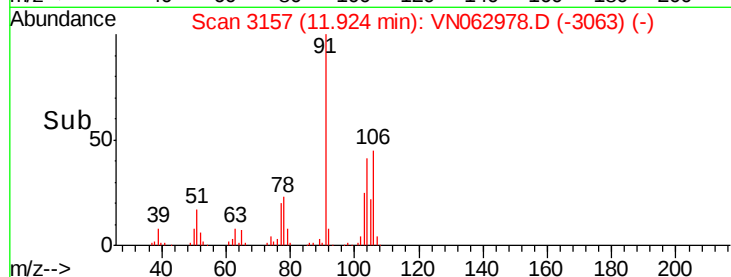
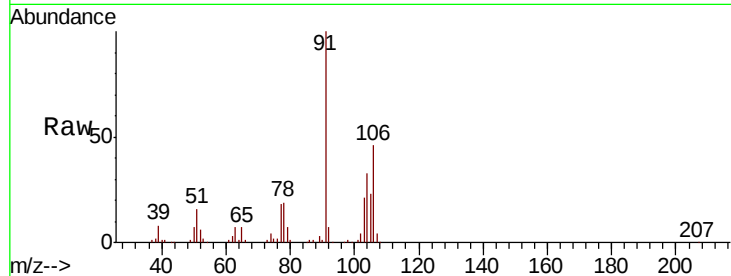




#69
o-Xylene
Concen: 19.299 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

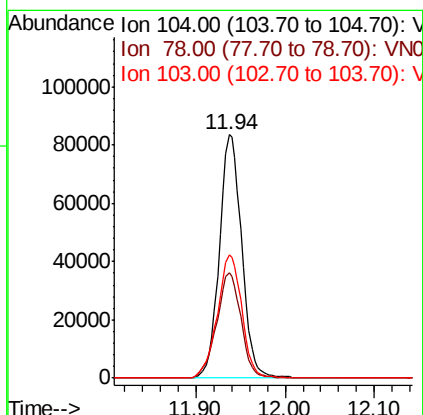
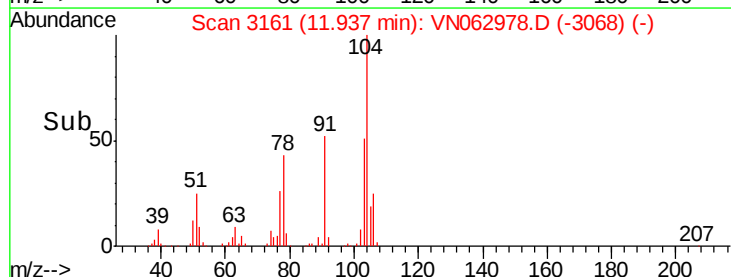
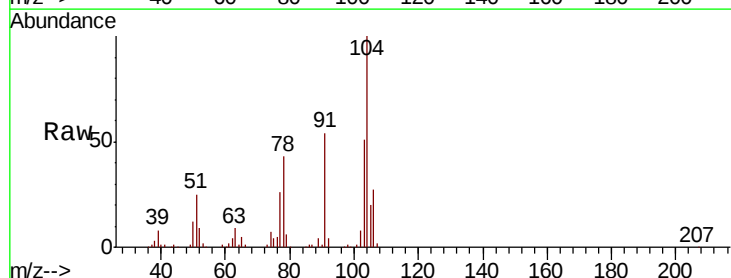
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

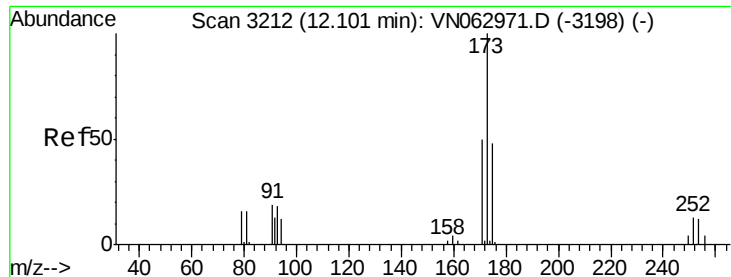
Tot Ion:106 Resp: 82471
Ion Ratio Lower Upper
106 100
91 212.8 106.3 318.8



#70
Styrene
Concen: 19.594 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion:104 Resp: 145226
Ion Ratio Lower Upper
104 100
78 47.0 38.2 57.4
103 54.9 44.9 67.3





#71

Bromoform

Concen: 19.969 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

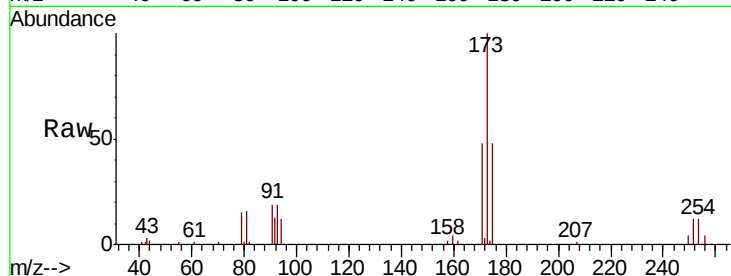
Tot Ion:173 Resp: 45844

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.2

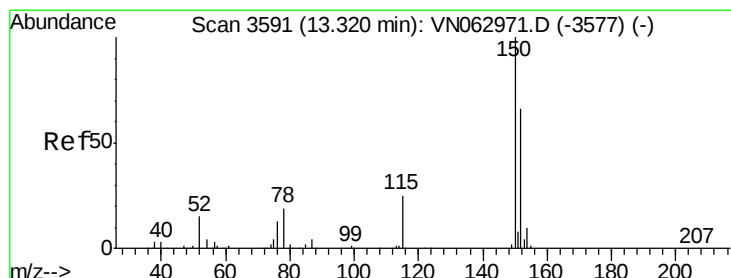
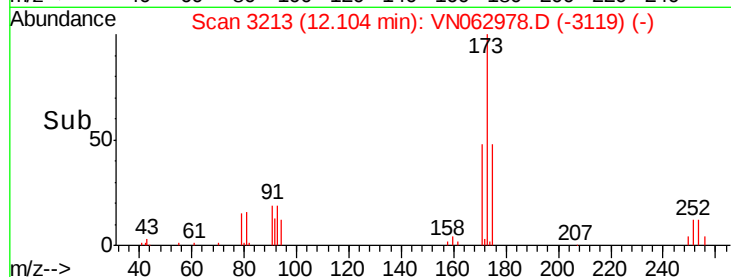
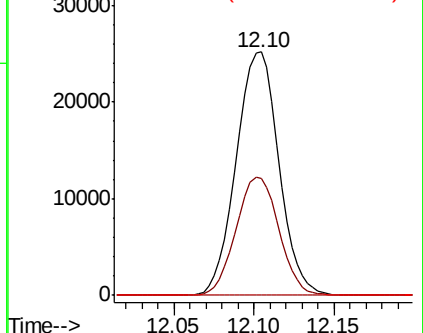
254 0.0 0.0 0.0



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: VN062978.D

Acq: 17 Aug 2020 19:07

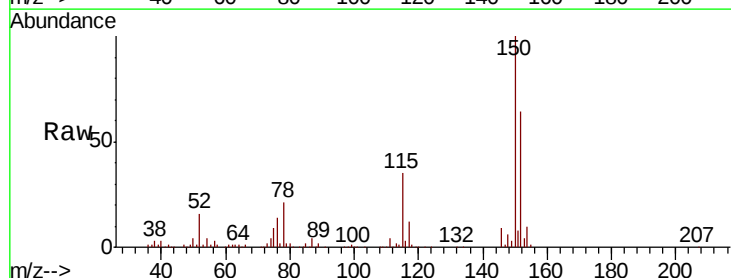
Tgt Ion:152 Resp: 169911

Ion Ratio Lower Upper

152 100

115 54.4 27.1 81.3

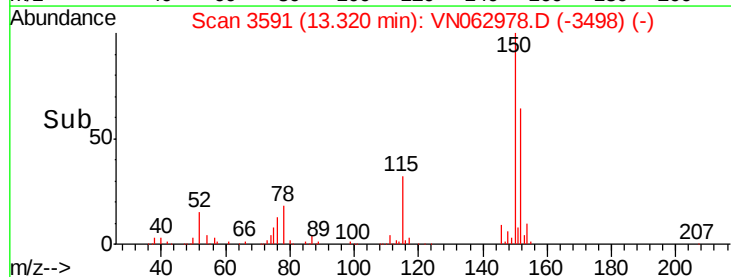
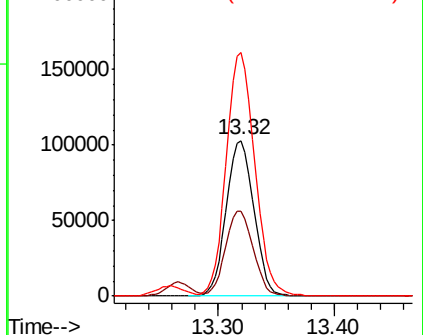
150 160.7 0.0 341.4

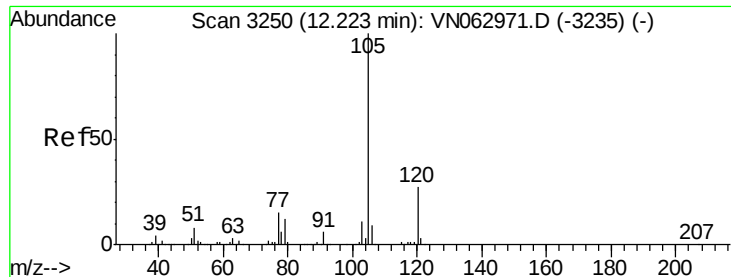


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.447 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

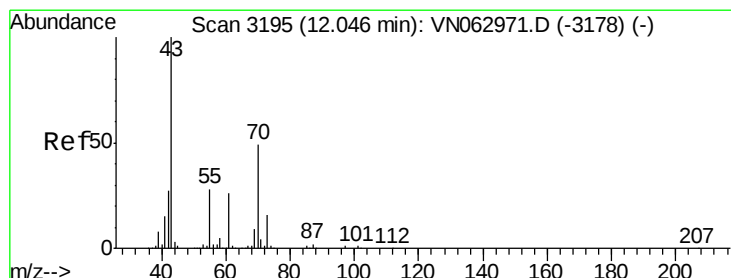
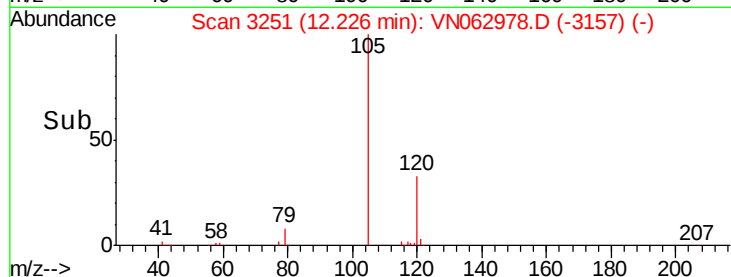
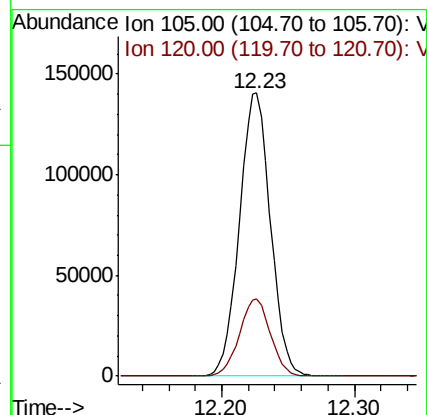
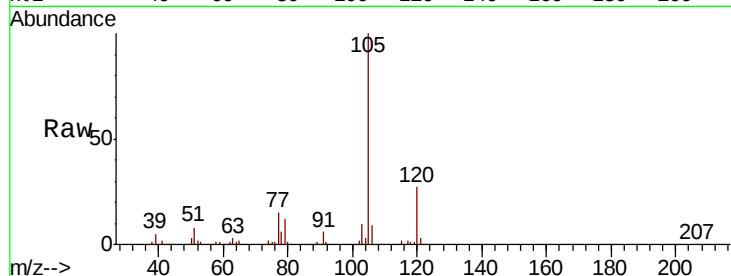
VN0817MBS01

Tot Ion:105 Resp: 227955

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 18.742 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Tgt Ion: 43 Resp: 75418

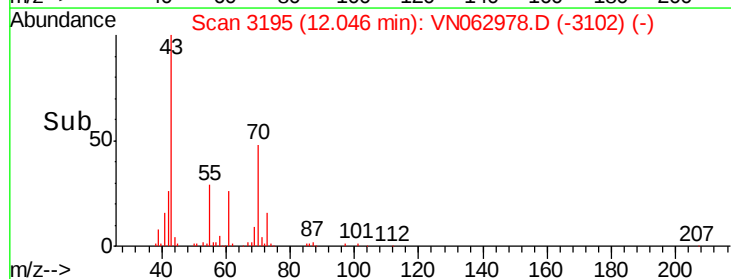
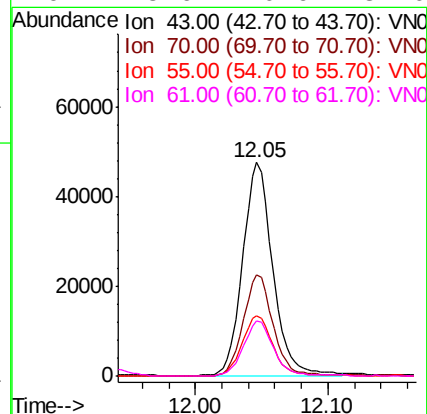
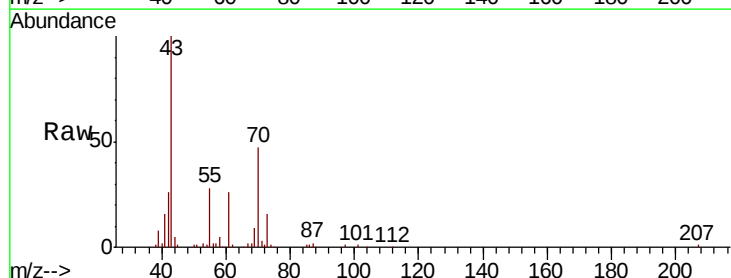
Ion Ratio Lower Upper

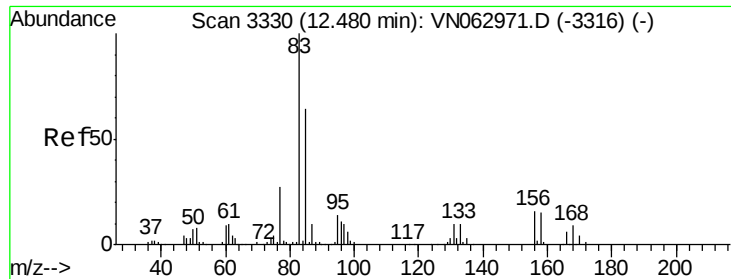
43 100

70 47.0 38.4 57.6

55 28.4 21.9 32.9

61 25.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.412 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

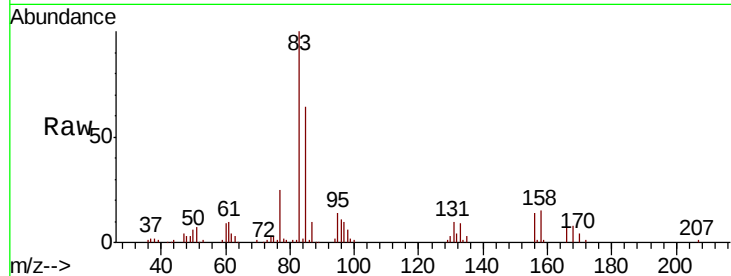
Tot Ion: 83 Resp: 75718

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	16.1
85	64.4	31.9	95.7

83 100

131 10.3 5.3 16.1

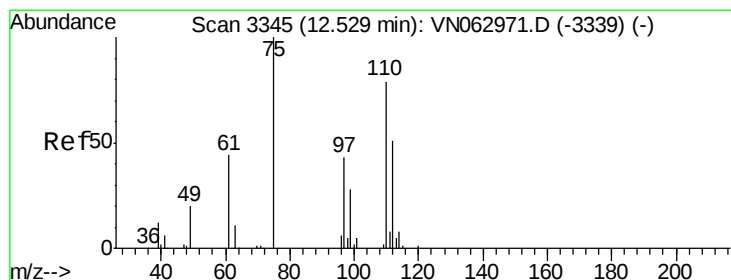
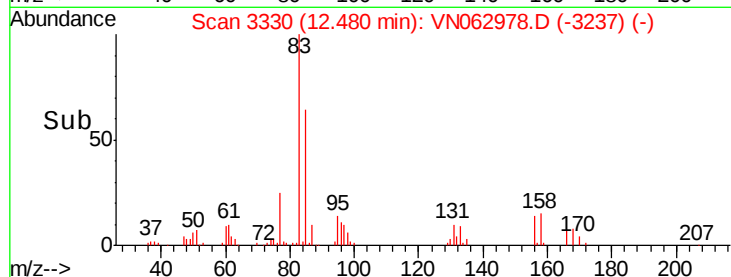
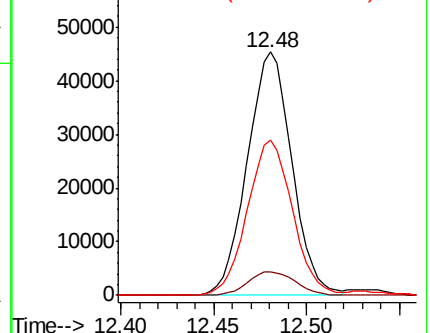
85 64.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.509 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062978.D

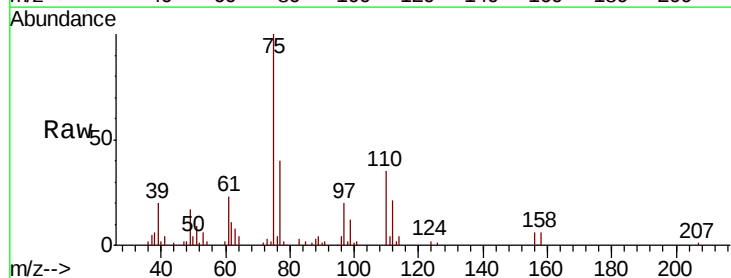
Acq: 17 Aug 2020 19:07

Tgt Ion: 75 Resp: 92345

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

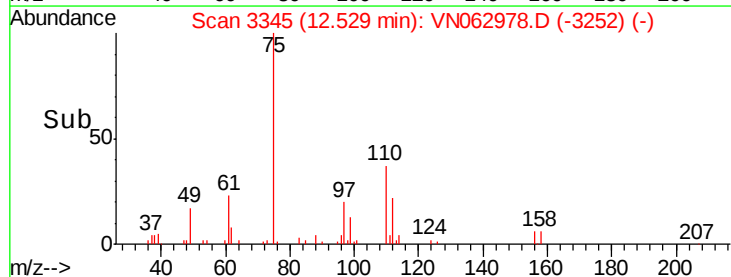
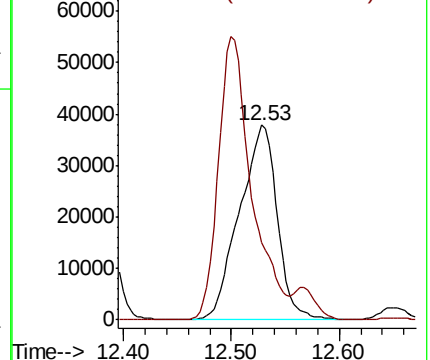
75 100

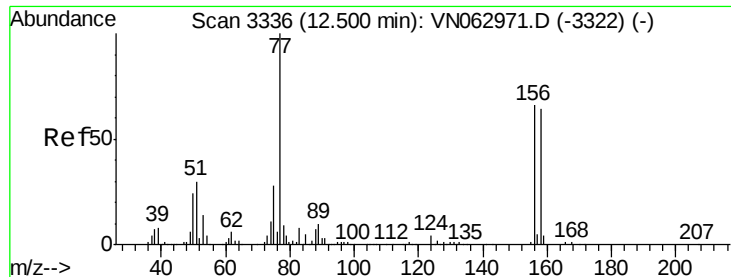
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.391 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

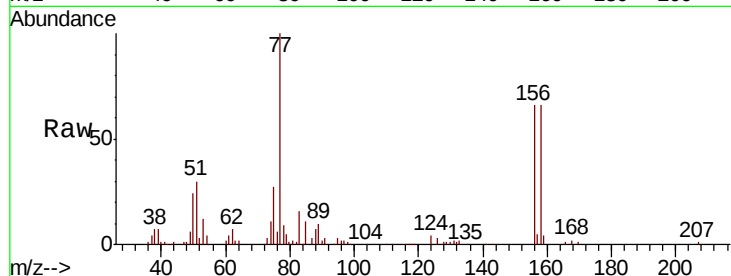
Tot Ion:156 Resp: 62154

Ion Ratio Lower Upper

156 100

77 190.2 92.4 277.2

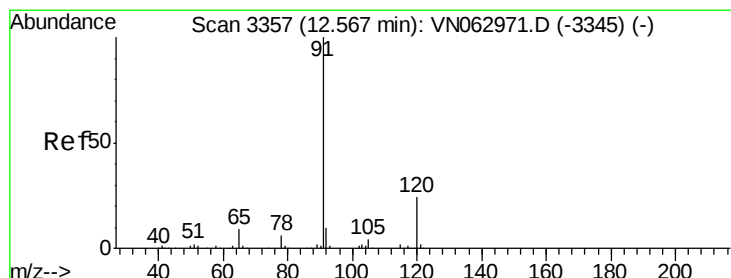
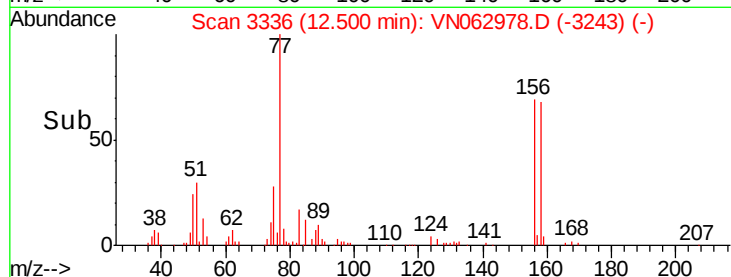
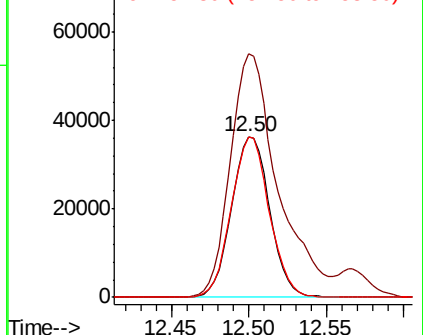
158 99.3 48.6 145.8



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: 18.189 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062978.D

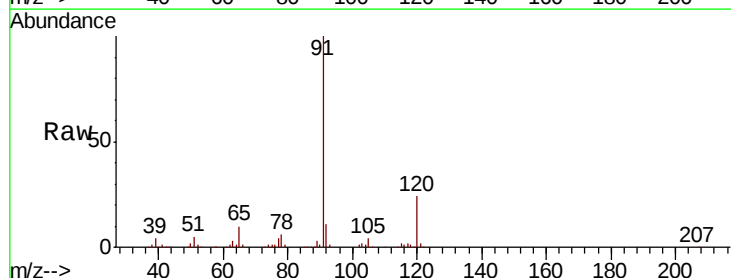
Acq: 17 Aug 2020 19:07

Tgt Ion: 91 Resp: 248761

Ion Ratio Lower Upper

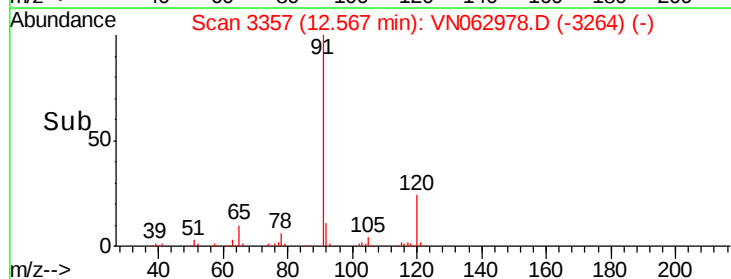
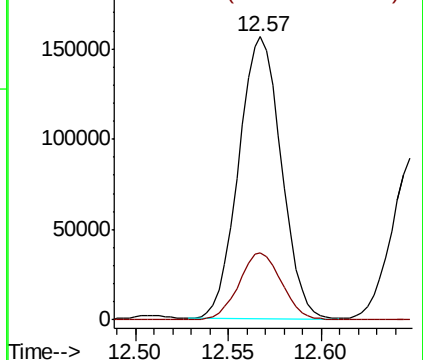
91 100

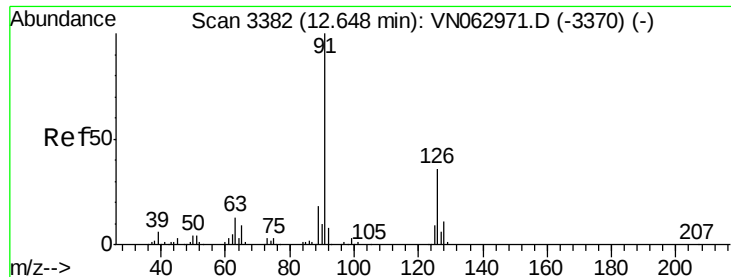
120 23.9 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.258 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

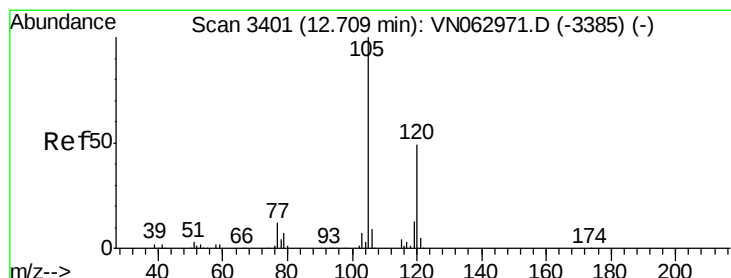
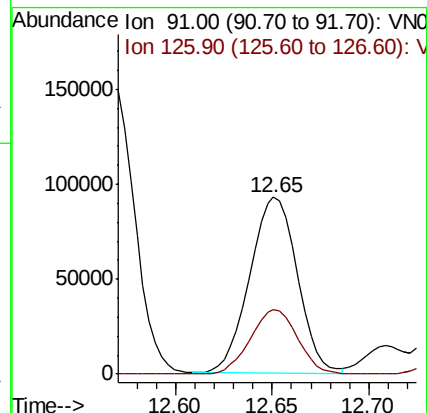
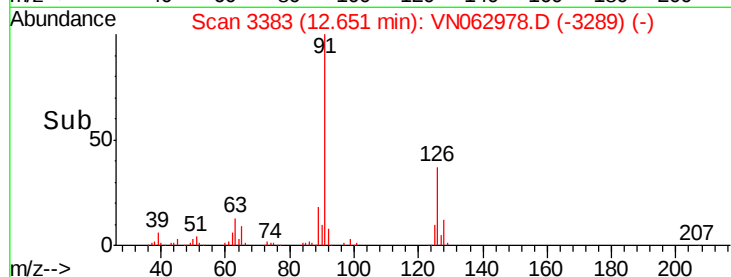
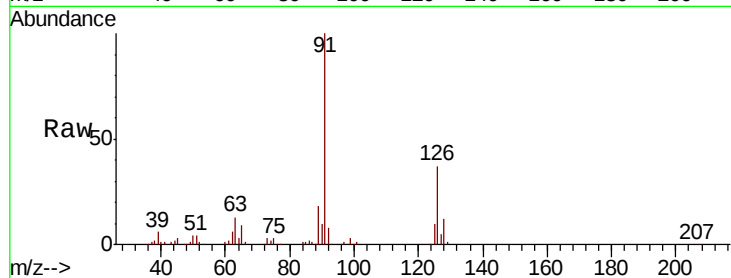
VN0817MBS01

Tot Ion: 91 Resp: 158297

Ion Ratio Lower Upper

91 100

126 36.5 18.1 54.3



#80

1,3,5-Trimethylbenzene

Concen: 22.511 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062978.D

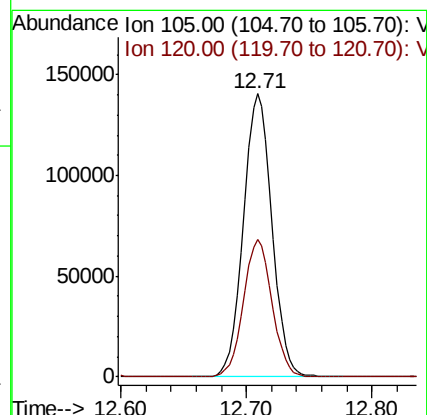
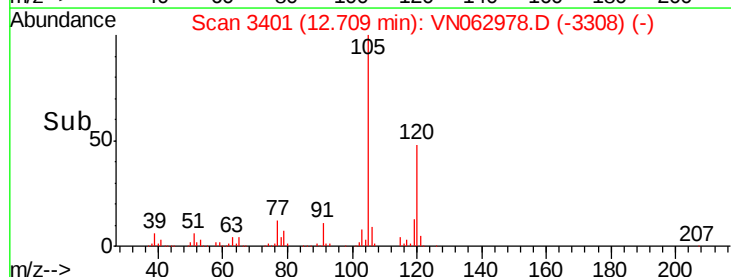
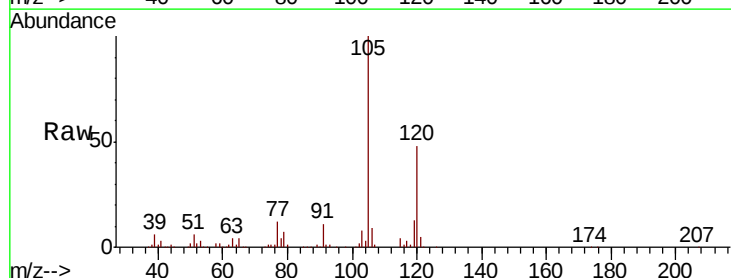
Acq: 17 Aug 2020 19:07

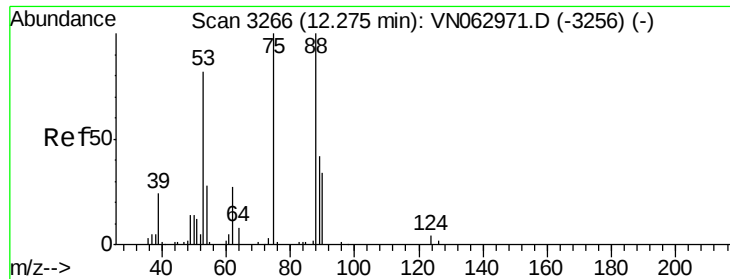
Tgt Ion: 105 Resp: 222023

Ion Ratio Lower Upper

105 100

120 48.7 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.111 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

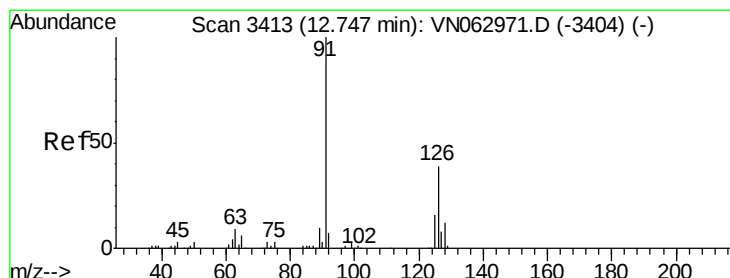
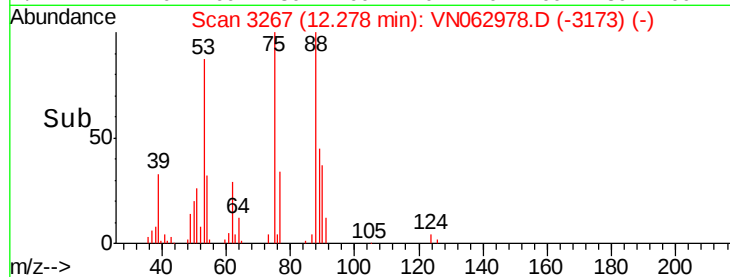
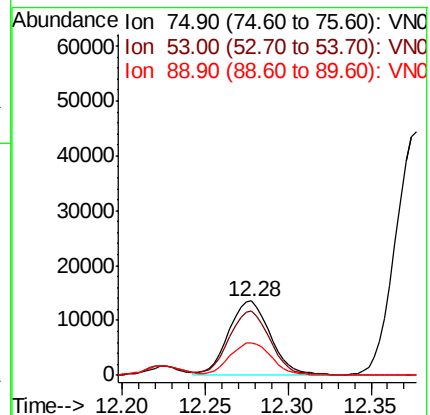
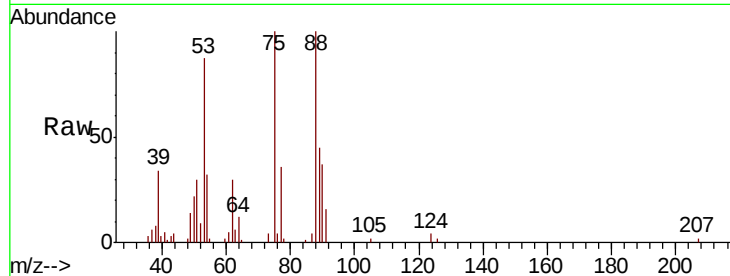
Tot Ion: 75 Resp: 23949

Ion Ratio Lower Upper

75 100

53 84.9 66.2 99.2

89 43.5 35.0 52.4



#82

4-Chlorotoluene

Concen: 21.921 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062978.D

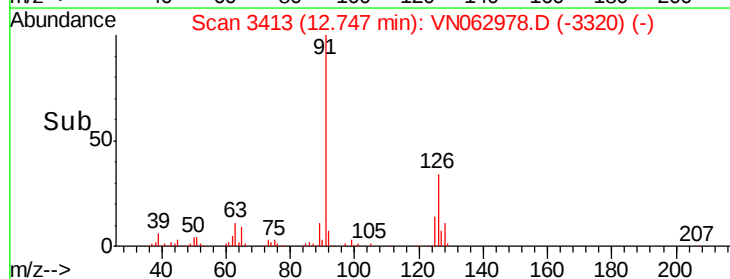
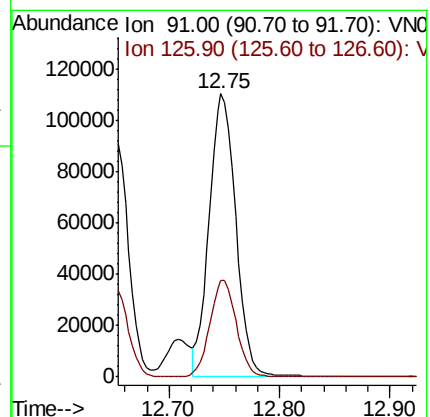
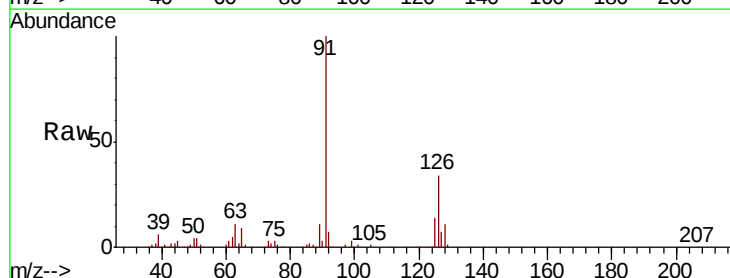
Acq: 17 Aug 2020 19:07

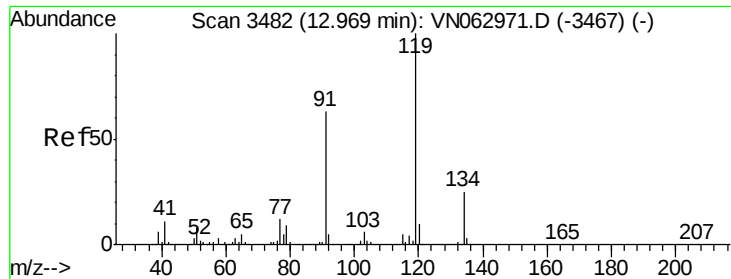
Tgt Ion: 91 Resp: 183615

Ion Ratio Lower Upper

91 100

126 34.1 17.6 52.8

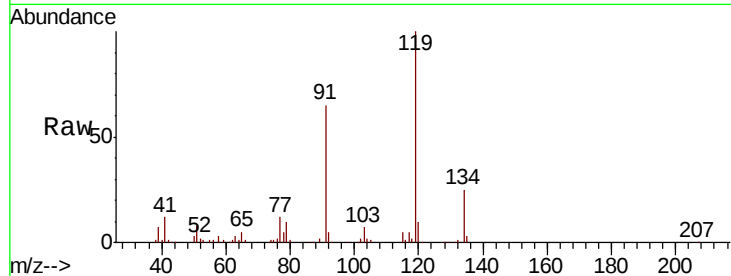




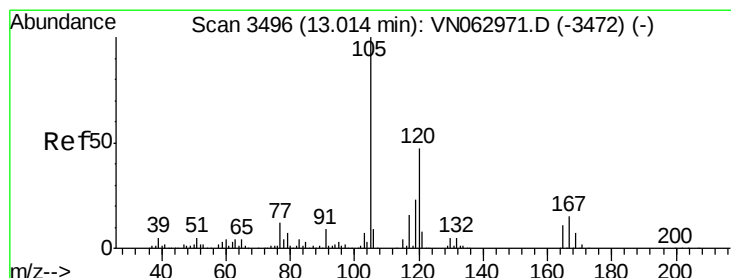
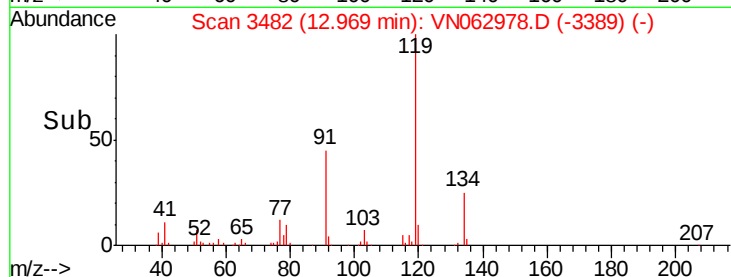
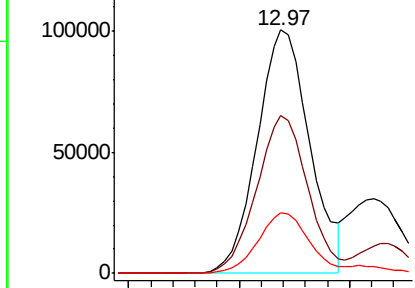
#83
tert-Butylbenzene
Concen: 19.474 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampled :
VN0817MBS01

Tot Ion:119 Resp: 165624
Ion Ratio Lower Upper
119 100
91 63.4 31.0 93.0
134 24.4 13.3 39.8

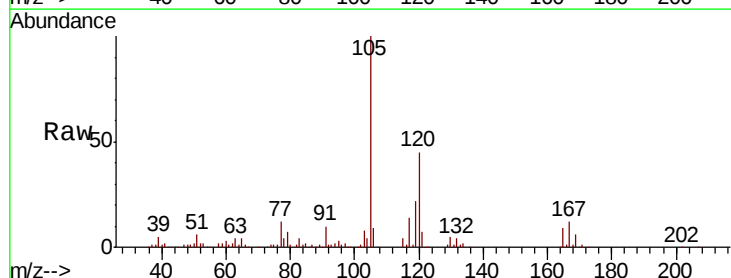


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

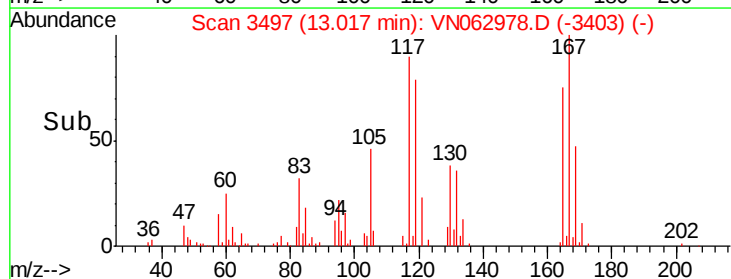
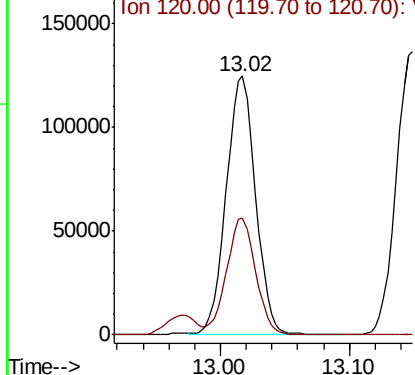


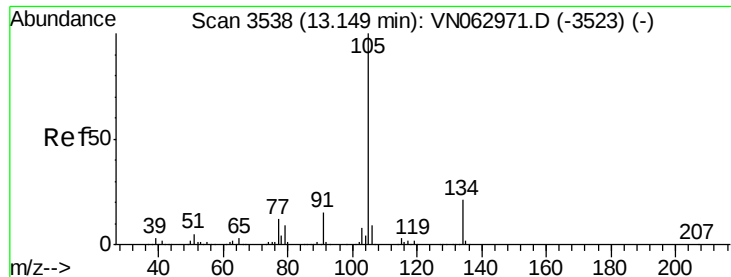
#84
1,2,4-Trimethylbenzene
Concen: 20.679 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion:105 Resp: 197349
Ion Ratio Lower Upper
105 100
120 44.7 23.2 69.6



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





#85

sec-Butylbenzene

Concen: 19.432 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampled :

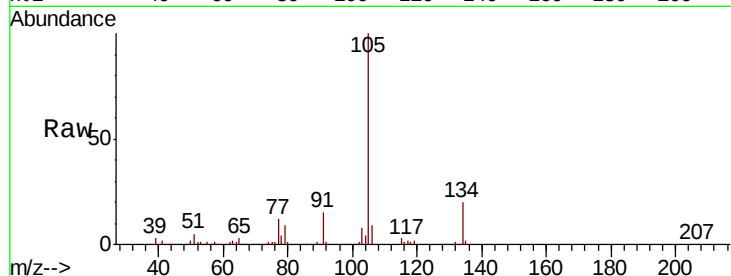
VN0817MBS01

Tot Ion:105 Resp: 217509

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

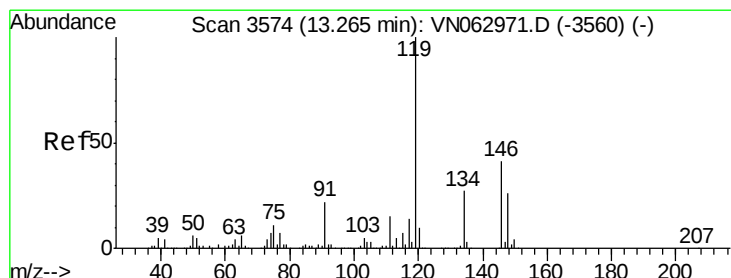
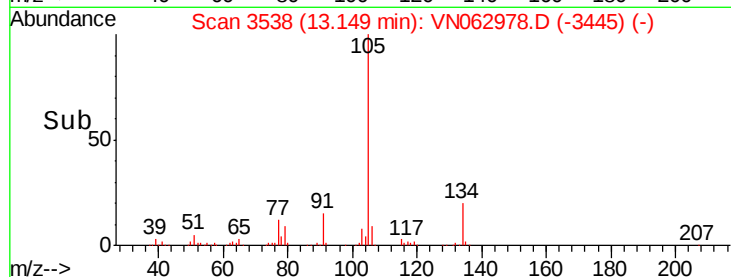
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.615 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

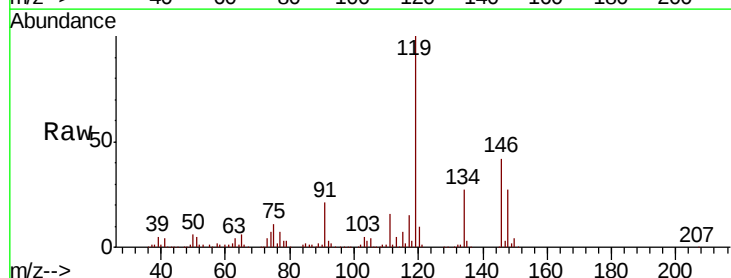
Tgt Ion:119 Resp: 195372

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.7

91 22.3 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

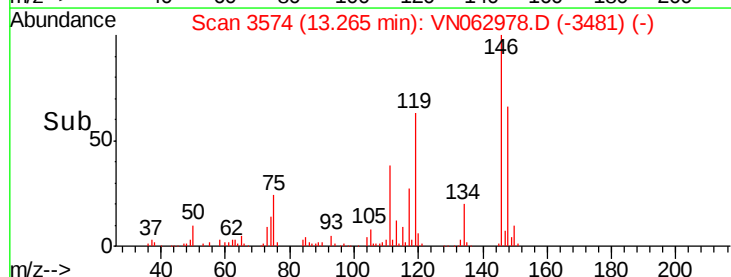
150000

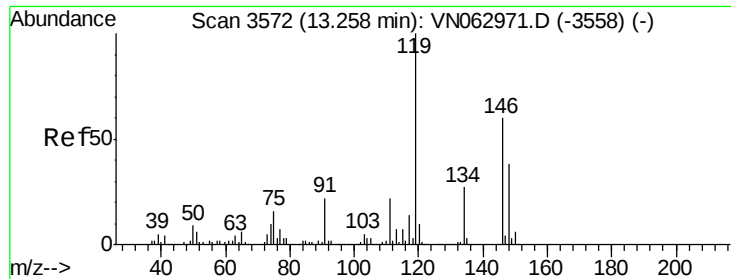
100000

50000

0

Time-->

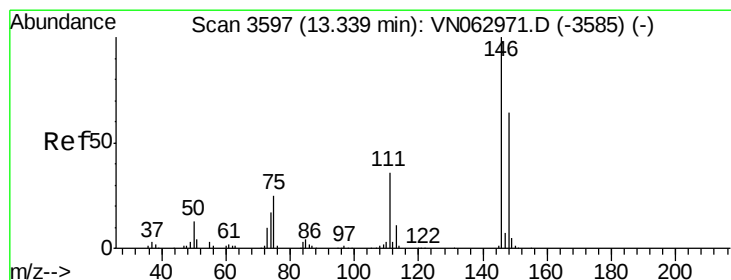
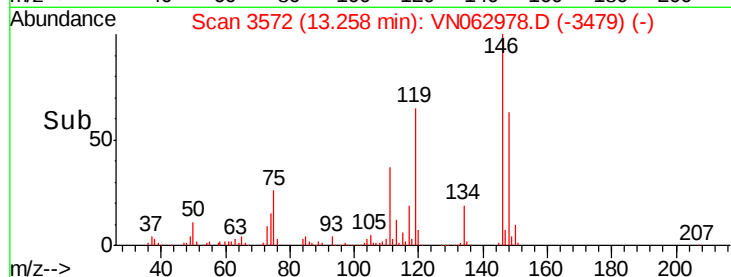
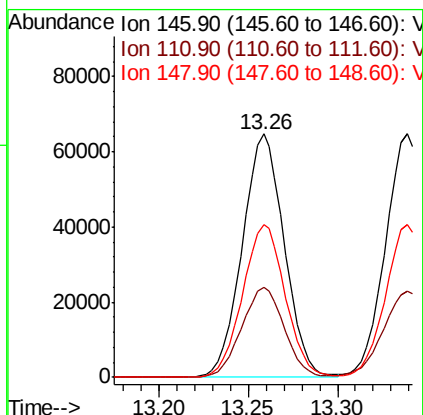
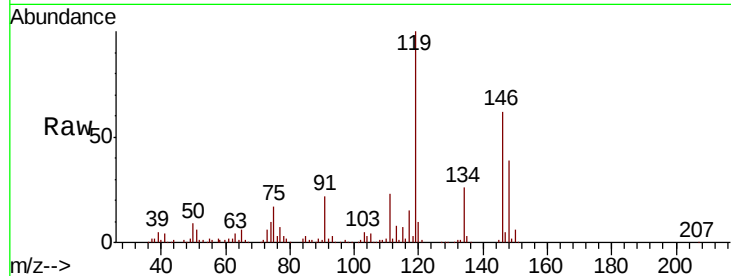




#87
 1,3-Dichlorobenzene
 Concen: 19.137 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

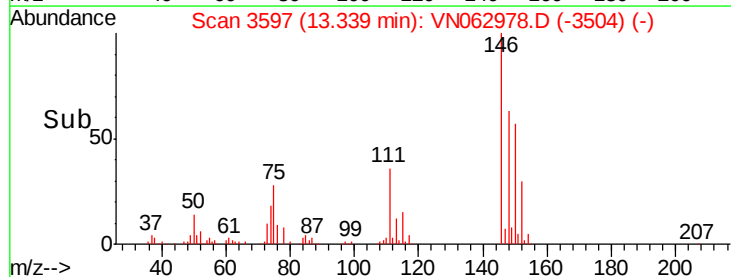
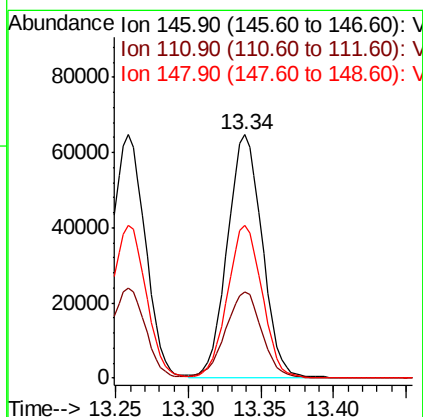
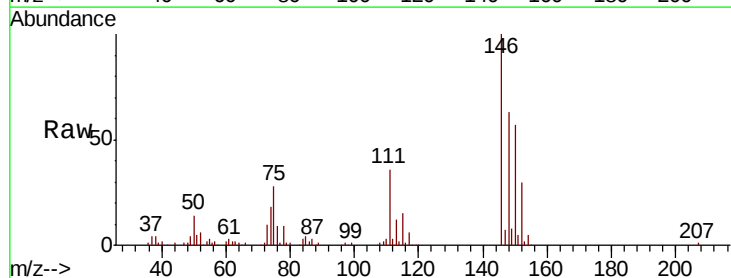
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

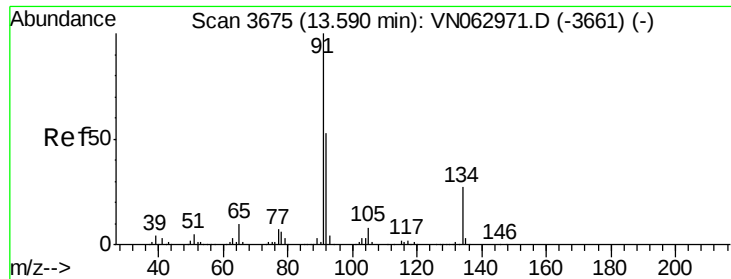
Tot Ion:146 Resp: 106514
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.5
 148 64.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.742 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion:146 Resp: 107505
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.4 55.2
 148 63.2 32.1 96.5

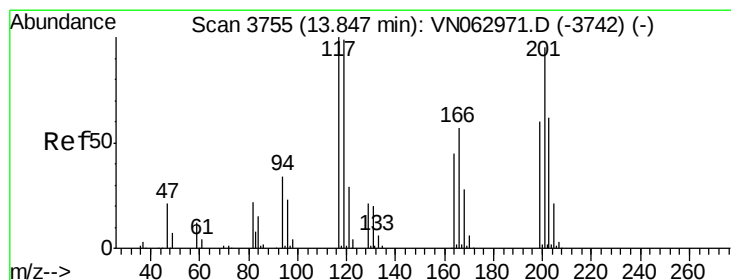
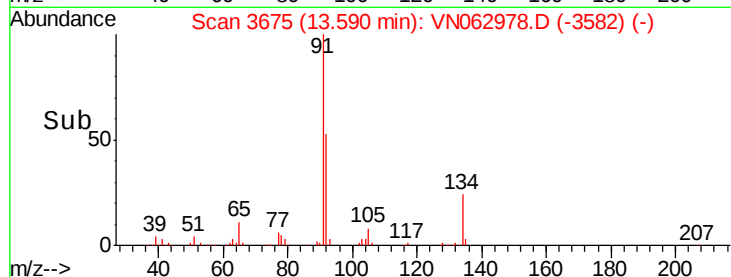
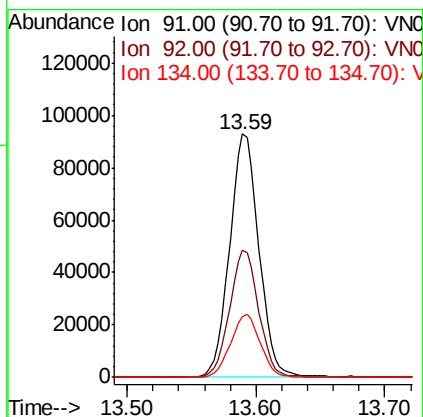
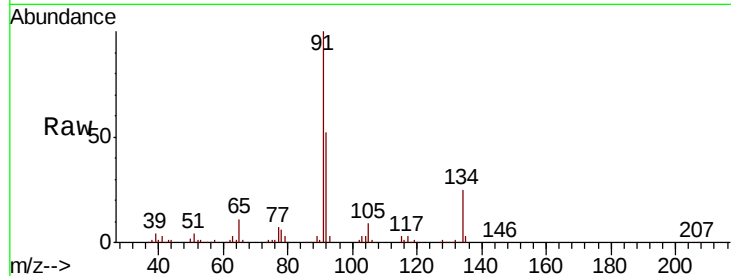




#89
n-Butylbenzene
Concen: 18.121 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

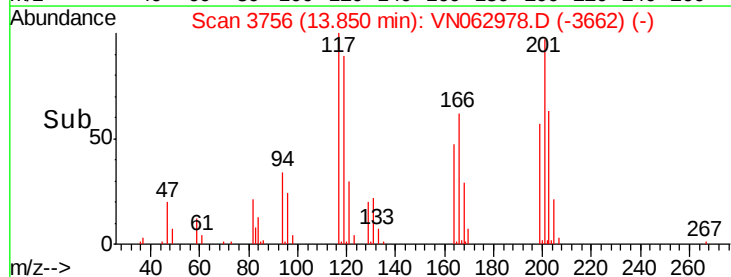
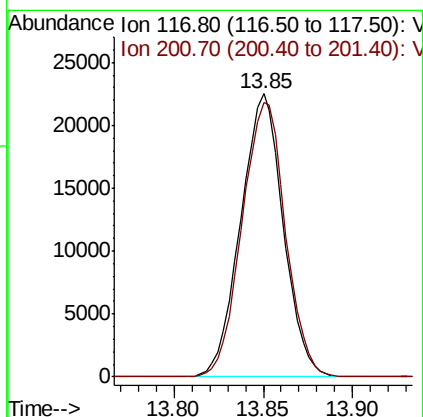
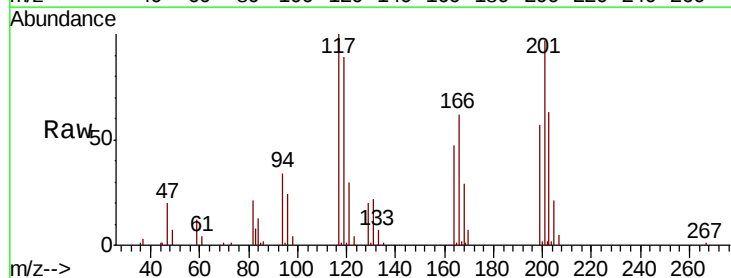
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

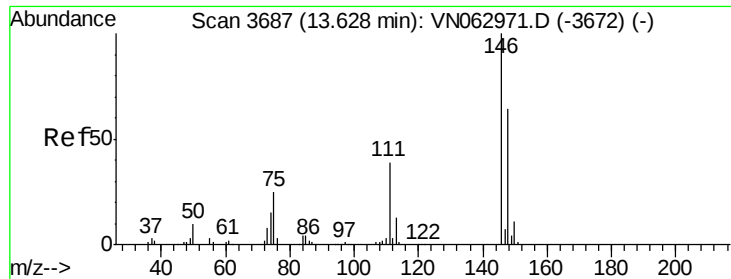
Tot Ion: 91 Resp: 146599
Ion Ratio Lower Upper
91 100
92 51.7 26.3 78.8
134 26.2 13.4 40.2



#90
Hexachloroethane
Concen: 18.546 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 117 Resp: 37470
Ion Ratio Lower Upper
117 100
201 98.7 48.4 145.3

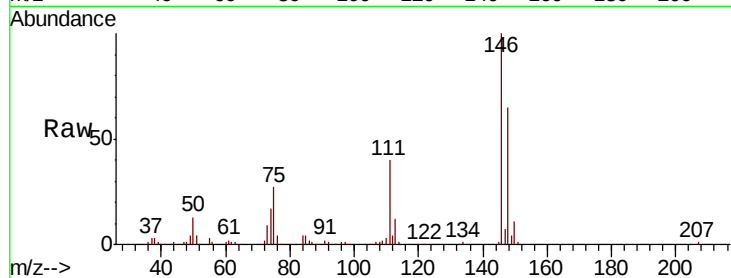




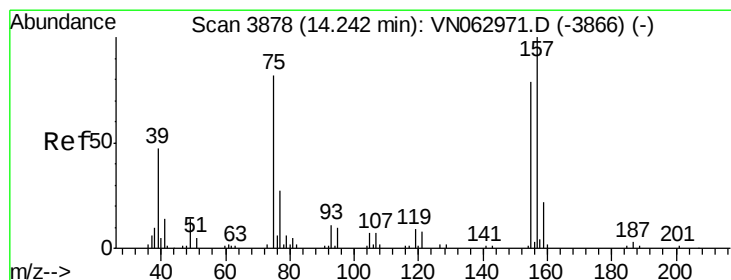
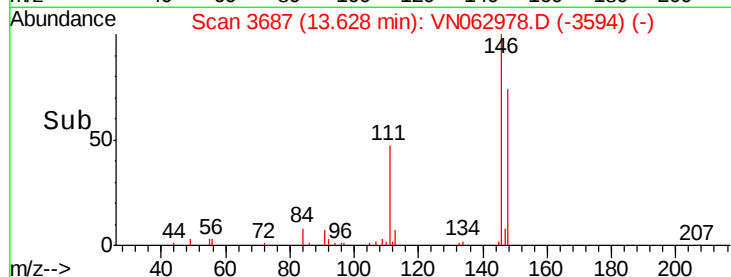
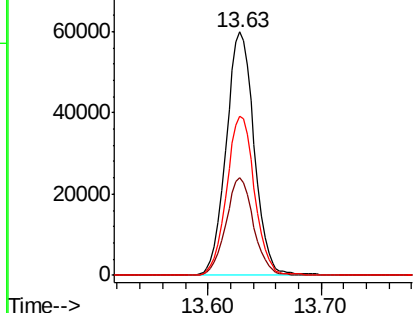
#91
 1,2-Dichlorobenzene
 Concen: 19.188 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Tot Ion:146 Resp: 103213
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.4 58.4
 148 65.3 32.5 97.5

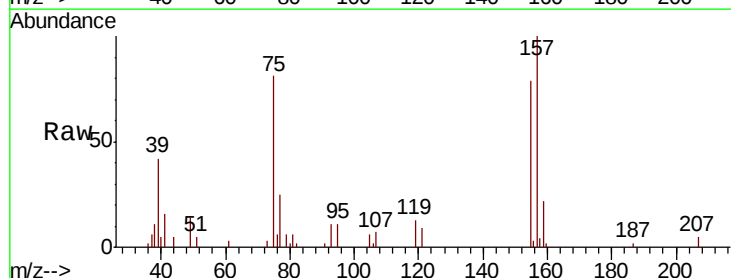


Abundance Ion 145.90 (145.60 to 146.60): V
 80000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

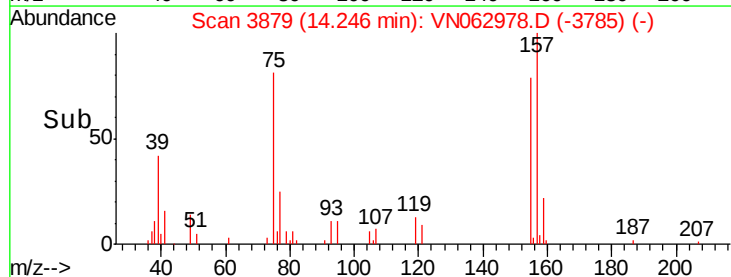
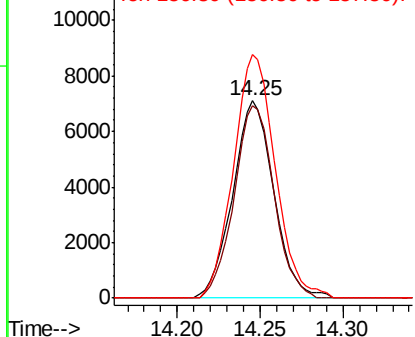


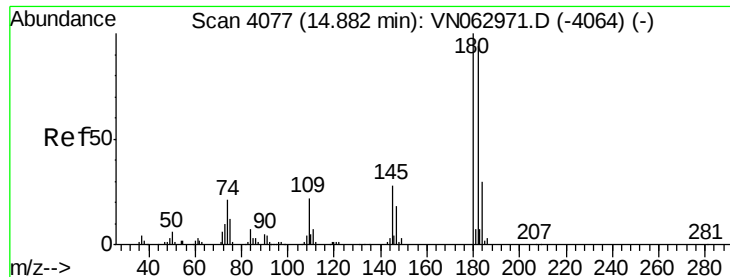
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.215 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion: 75 Resp: 12251
 Ion Ratio Lower Upper
 75 100
 155 94.5 47.6 142.8
 157 125.5 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): V
 12000 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

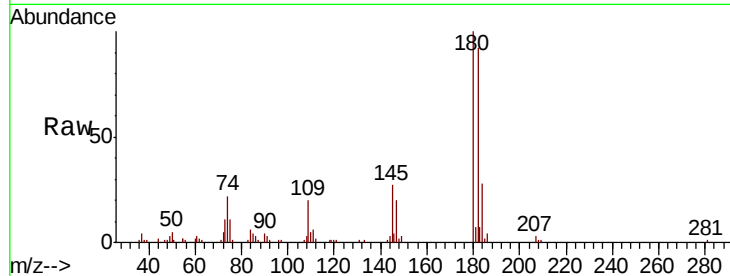




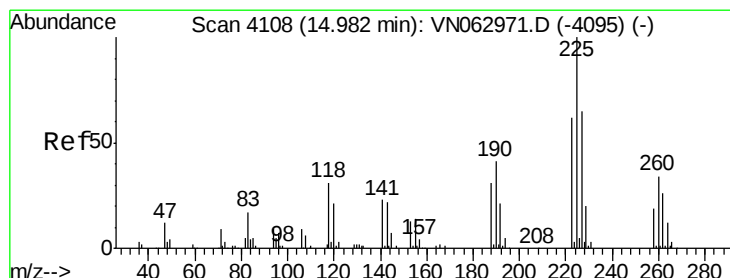
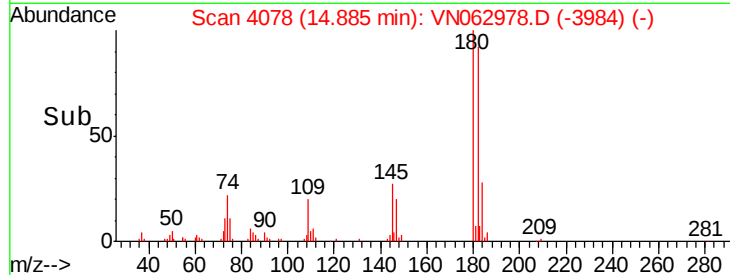
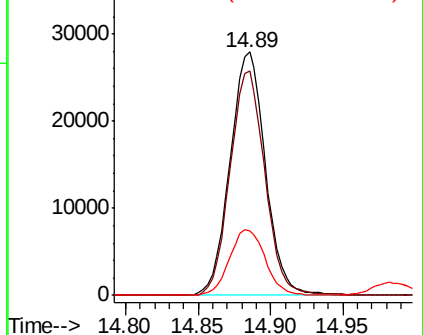
#93
 1,2,4-Trichlorobenzene
 Concen: 18.390 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Tot Ion:180 Resp: 47226
 Ion Ratio Lower Upper
 180 100
 182 91.2 47.8 143.3
 145 27.3 13.9 41.7

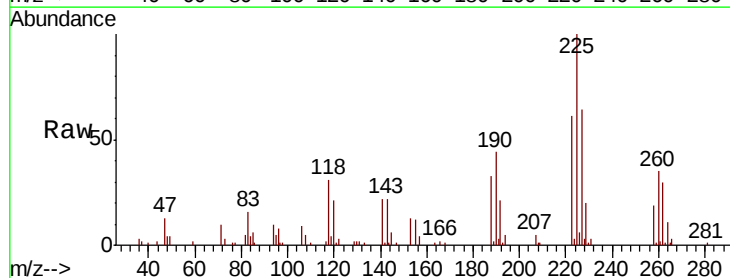


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

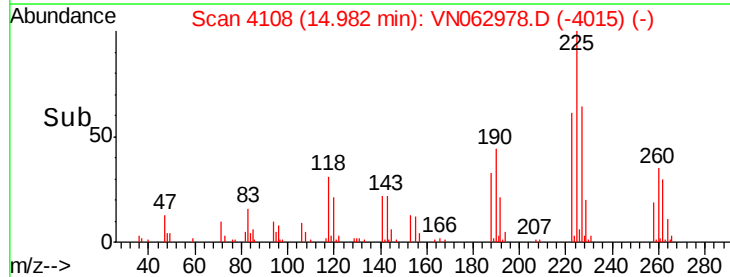
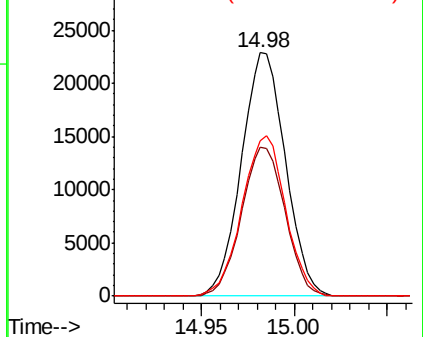


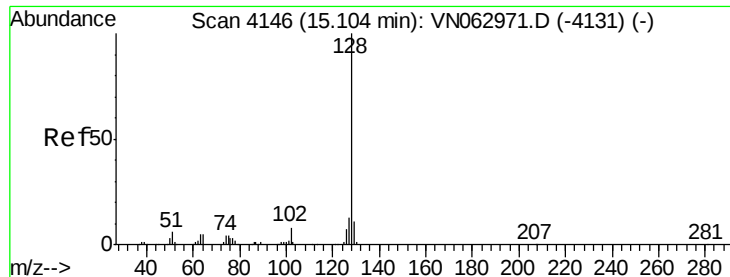
#94
 Hexachlorobutadiene
 Concen: 18.263 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion:225 Resp: 37921
 Ion Ratio Lower Upper
 225 100
 223 60.4 30.9 92.5
 227 65.0 32.0 96.0



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

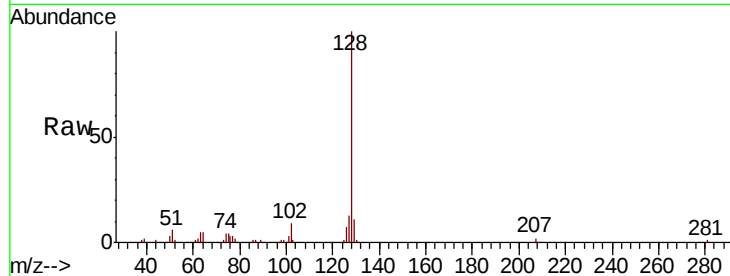




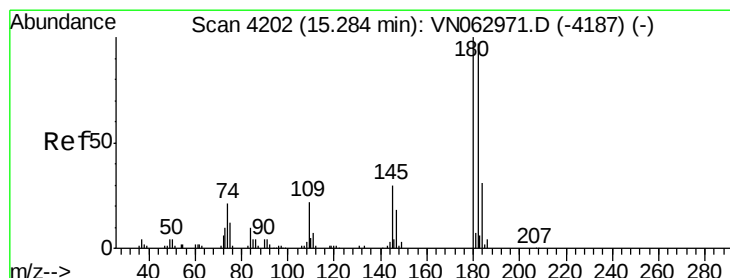
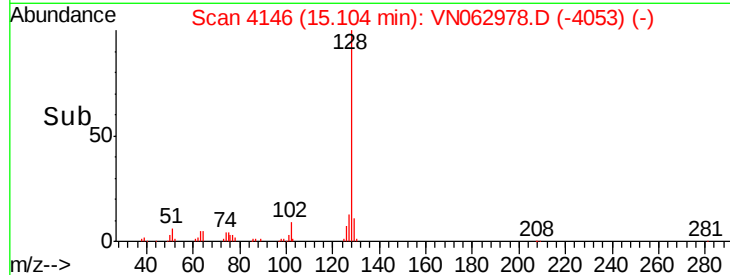
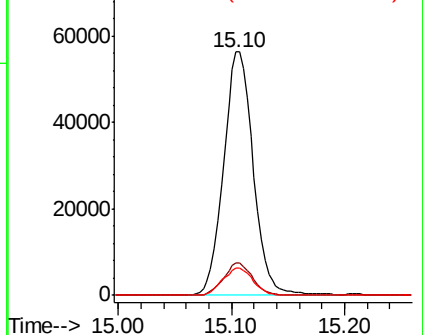
#95
Naphthalene
Concen: 18.736 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion:128 Resp: 102946
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.3 8.6 12.8

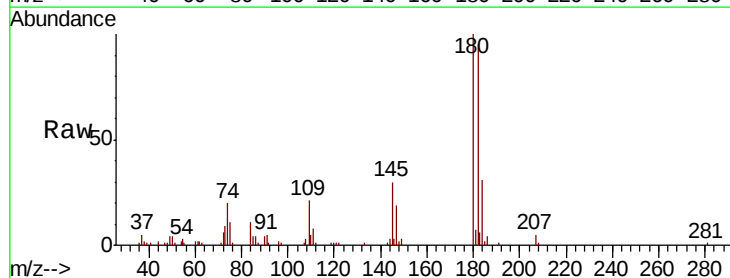


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.995 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion:180 Resp: 46512
Ion Ratio Lower Upper
180 100
182 96.3 49.3 147.8
145 29.6 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

