

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080520\
 Data File : VN062755.D
 Acq On : 5 Aug 2020 11:51
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 05 12:42:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 12:39:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	149820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	237922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	228876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	46186	19.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.38%	
35) Dibromofluoromethane	7.55	113	30159	19.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.54%	
50) Toluene-d8	10.06	98	116595	18.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.40%	
62) 4-Bromofluorobenzene	12.38	95	42194	18.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43979	23.343	ug/l	99
3) Chloromethane	2.03	50	36675	15.457	ug/l	97
4) Vinyl Chloride	2.16	62	37301	17.912	ug/l	98
5) Bromomethane	2.51	94	23251	23.506	ug/l	97
6) Chloroethane	2.66	64	23332	23.360	ug/l	97
7) Trichlorofluoromethane	2.97	101	63820	24.489	ug/l	97
8) Diethyl Ether	3.37	74	17500	15.615	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	26152	16.804	ug/l	99
10) Methyl Iodide	3.91	142	28917	14.760	ug/l	100
11) Tert butyl alcohol	4.75	59	38566	101.211	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	24429	15.663	ug/l	89
13) Acrolein	3.57	56	20741	62.868	ug/l	99
14) Allyl chloride	4.27	41	44940	13.618	ug/l	98
15) Acrylonitrile	4.93	53	89725	91.224	ug/l	98
16) Acetone	3.78	43	84678	96.591	ug/l	96
17) Carbon Disulfide	4.00	76	69498	13.776	ug/l	98
18) Methyl Acetate	4.28	43	41734	18.789	ug/l #	78
19) Methyl tert-butyl Ether	5.00	73	108535	18.388	ug/l	100
20) Methylene Chloride	4.50	84	31495	15.397	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	27559	15.948	ug/l	98
22) Diisopropyl ether	5.91	45	108180	16.171	ug/l	95
23) Vinyl Acetate	5.84	43	377684	70.554	ug/l	99
24) 1,1-Dichloroethane	5.79	63	59258	16.345	ug/l	98
25) 2-Butanone	6.79	43	121154	91.526	ug/l	98
26) 2,2-Dichloropropane	6.77	77	54213	17.865	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	32252	16.261	ug/l	99
28) Bromochloromethane	7.15	49	30207	17.073	ug/l	99
29) Tetrahydrofuran	7.17	42	77708	87.149	ug/l	98
30) Chloroform	7.33	83	63778	18.164	ug/l	97
31) Cyclohexane	7.62	56	55060	16.403	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	57269	19.253	ug/l	98
36) 1,1-Dichloropropene	7.75	75	41110	16.479	ug/l	98
37) Ethyl Acetate	6.89	43	45628	17.110	ug/l	99
38) Carbon Tetrachloride	7.73	117	50160	20.432	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50748	18.587	ug/l	99
40) Benzene	8.00	78	125435	16.722	ug/l	97
41) Methacrylonitrile	7.13	41	18021	15.224	ug/l #	68
42) 1,2-Dichloroethane	8.09	62	54978	19.528	ug/l	99
43) Isopropyl Acetate	8.13	43	73419	17.055	ug/l #	91
44) Trichloroethene	8.80	130	30665	17.944	ug/l	93
45) 1,2-Dichloropropane	9.08	63	34884	16.572	ug/l	98
46) Dibromomethane	9.18	93	22609	18.274	ug/l	95
47) Bromodichloromethane	9.37	83	52524	19.367	ug/l	95
48) Methyl methacrylate	9.17	41	36551	17.699	ug/l	97
49) 1,4-Dioxane	9.17	88	13902	420.691	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	253905	96.842	ug/l	99
52) Toluene	10.13	92	78586	17.851	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	55685	18.576	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	57822	18.234	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	33988	19.698	ug/l	99
56) Ethyl methacrylate	10.40	69	50538	18.361	ug/l	95
57) 1,3-Dichloropropane	10.68	76	58450	18.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	71453	92.091	ug/l	99
59) 2-Hexanone	10.72	43	185764	99.108	ug/l	100
60) Dibromochloromethane	10.87	129	39318	20.241	ug/l	99
61) 1,2-Dibromoethane	10.98	107	33199	18.535	ug/l	97
64) Tetrachloroethene	10.60	164	26743	18.004	ug/l	95
65) Chlorobenzene	11.41	112	85994	17.963	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	35599	19.466	ug/l	99
67) Ethyl Benzene	11.49	91	154903	17.659	ug/l	99
68) m/p-Xylenes	11.60	106	114175	36.122	ug/l	99
69) o-Xylene	11.92	106	53841	17.905	ug/l	98
70) Styrene	11.94	104	96537	18.930	ug/l	99
71) Bromoform	12.10	173	28239	20.323	ug/l #	99
73) Isopropylbenzene	12.23	105	154313	18.681	ug/l	99
74) N-amyl acetate	12.05	43	63200	17.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	53564	18.725	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	70464	26.264	ug/l #	100
77) Bromobenzene	12.50	156	37616	18.913	ug/l	97
78) n-propylbenzene	12.57	91	177830	18.415	ug/l	100
79) 2-Chlorotoluene	12.65	91	111101	18.622	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	132491	19.248	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	17911	18.666	ug/l	97
82) 4-Chlorotoluene	12.75	91	113568	18.275	ug/l	98
83) tert-Butylbenzene	12.97	119	112152	19.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	126139	18.672	ug/l	97
85) sec-Butylbenzene	13.15	105	147265	19.222	ug/l	99
86) p-Isopropyltoluene	13.26	119	128680	19.415	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	65082	18.503	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	64650	18.742	ug/l	99
89) n-Butylbenzene	13.59	91	101082	17.819	ug/l	97
90) Hexachloroethane	13.85	117	26420	18.715	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	61895	18.514	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11379	21.113	ug/l	97

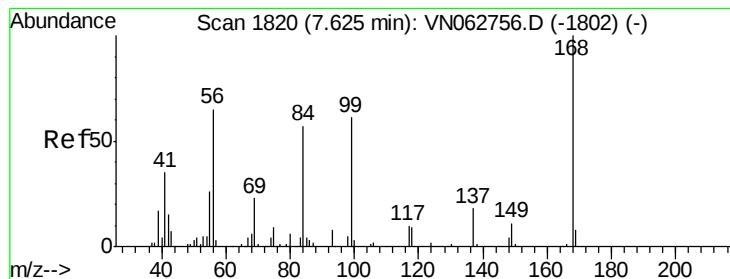
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	27924	18.018	ug/l	95
94) Hexachlorobutadiene	14.99	225	20626	20.203	ug/l	97
95) Naphthalene	15.11	128	72380	16.931	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	28018	17.736	ug/l	99

(#) = 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: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

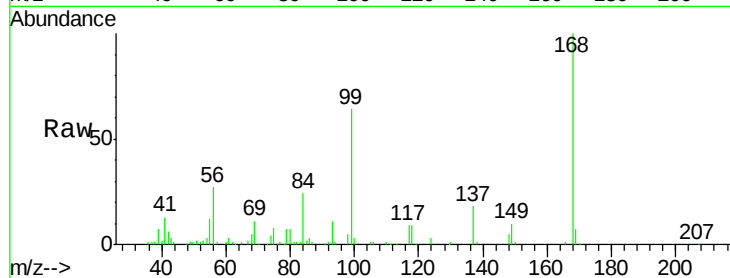
VSTDIC020

Tgt Ion:168 Resp: 149820

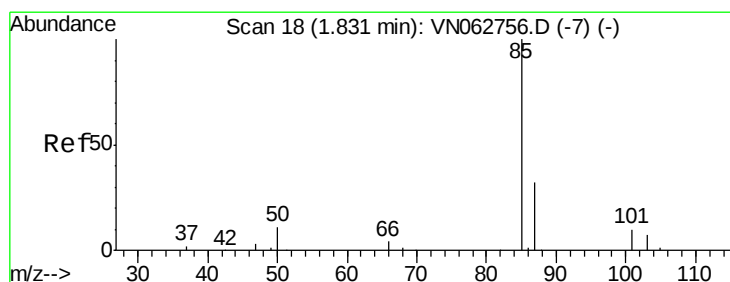
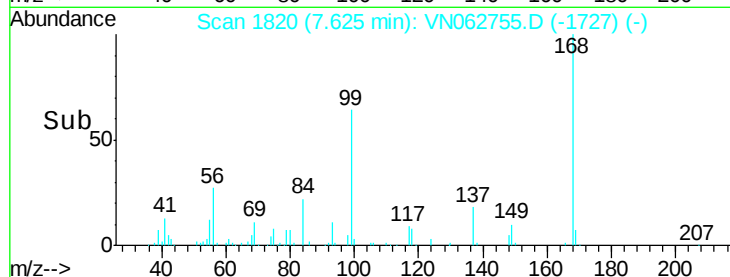
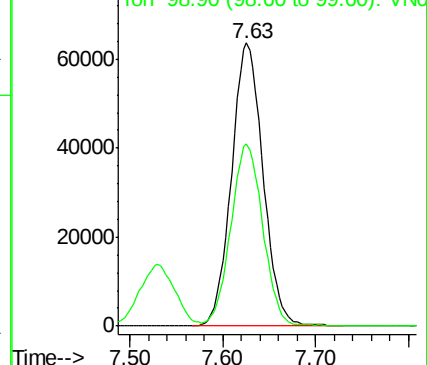
Ion Ratio Lower Upper

168 100

99 64.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062756.D (-1802) (-)



#2

Dichlorodifluoromethane

Concen: 23.343 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062755.D

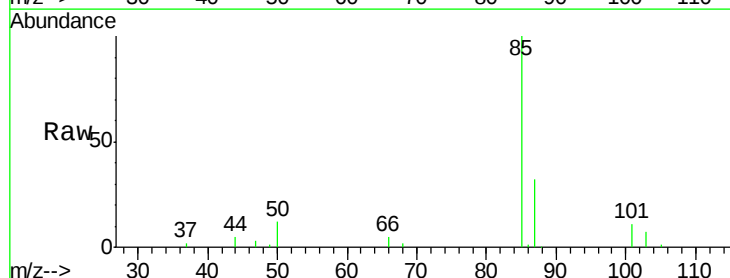
Acq: 5 Aug 2020 11:51

Tgt Ion: 85 Resp: 43979

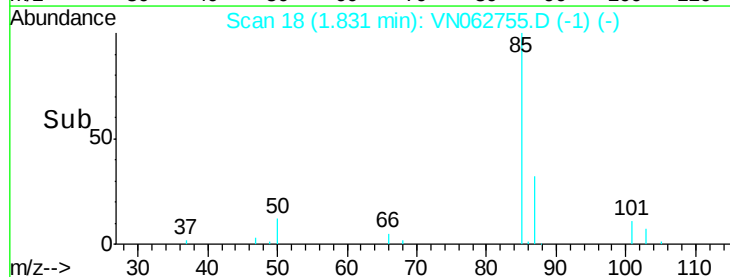
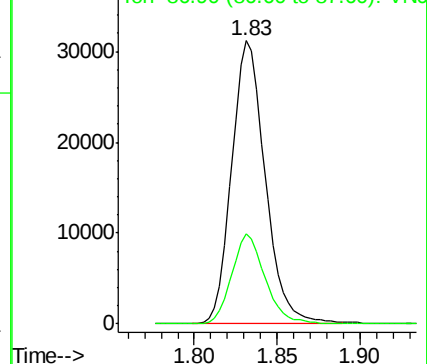
Ion Ratio Lower Upper

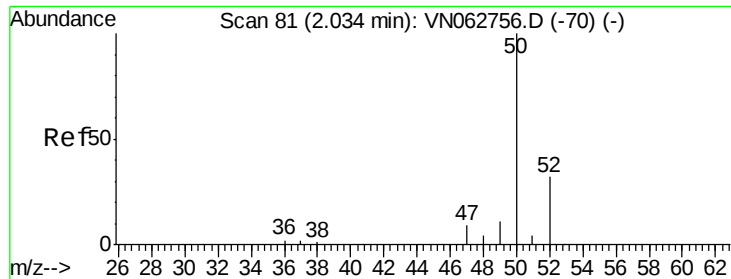
85 100

87 31.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN062756.D (-7) (-)





#3

Chloromethane

Concen: 15.457 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

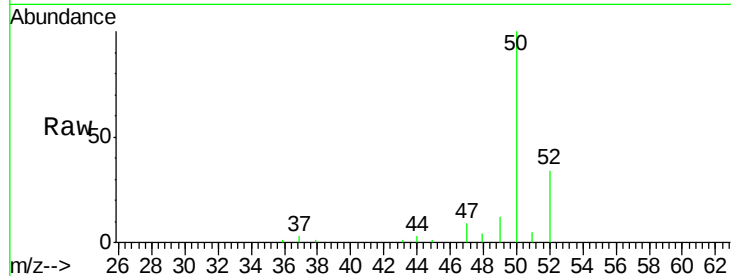
VSTDIC020

Tgt Ion: 50 Resp: 36675

Ion Ratio Lower Upper

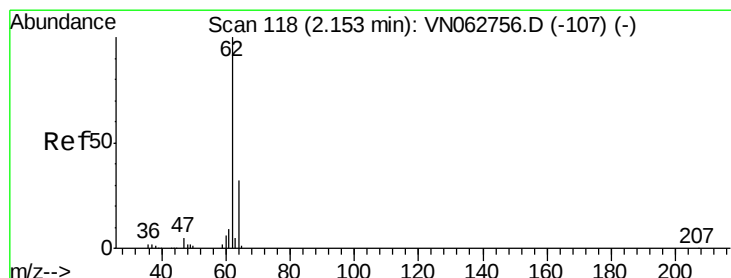
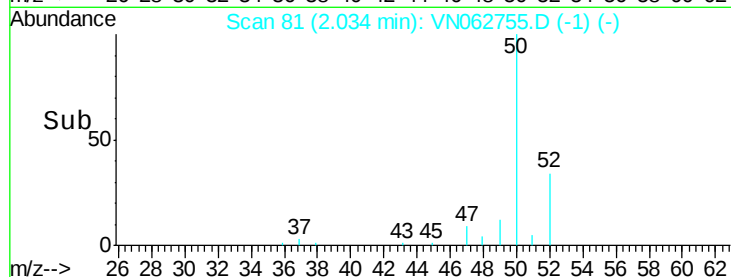
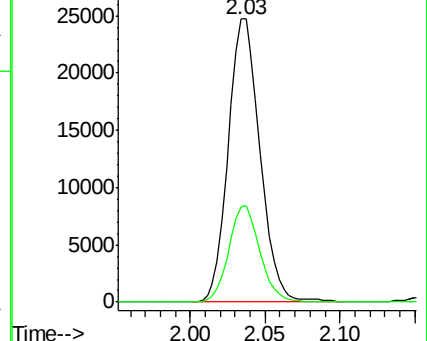
50 100

52 33.8 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.912 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062755.D

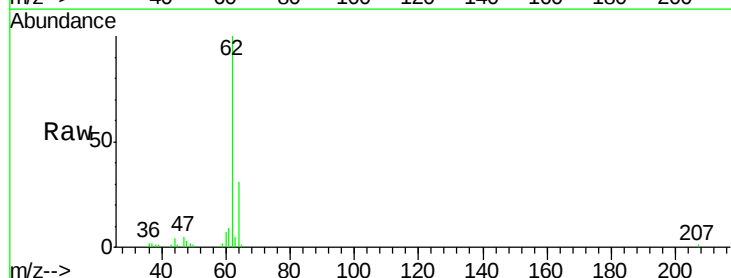
Acq: 5 Aug 2020 11:51

Tgt Ion: 62 Resp: 37301

Ion Ratio Lower Upper

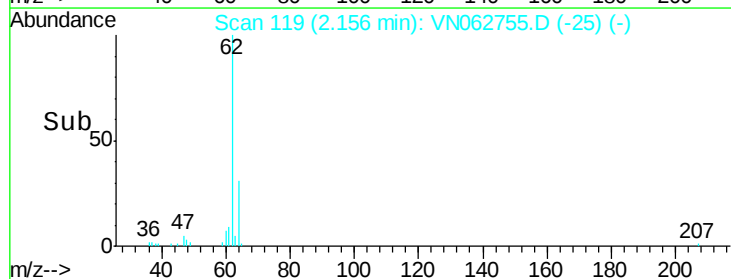
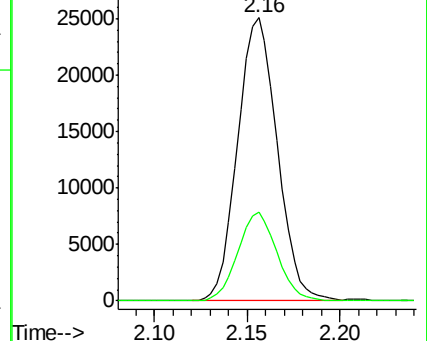
62 100

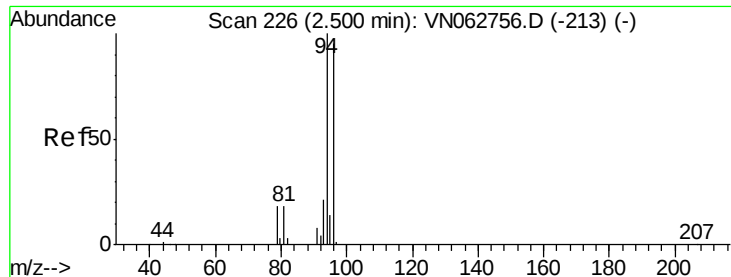
64 31.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 23.506 ug/l

RT: 2.51 min Scan# 230

Delta R.T. 0.01 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

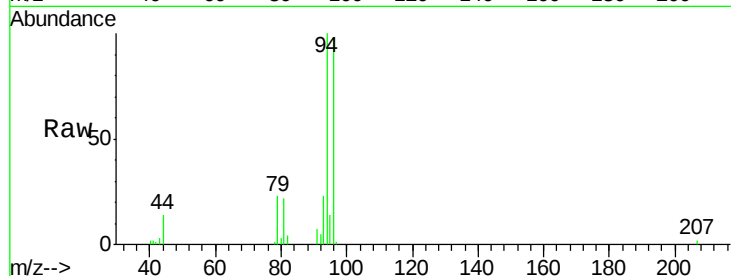
VSTDIC020

Tgt Ion: 94 Resp: 23251

Ion Ratio Lower Upper

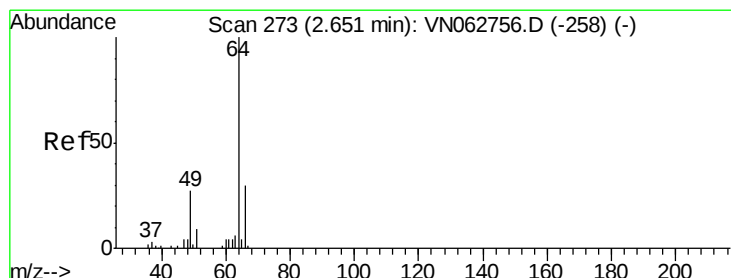
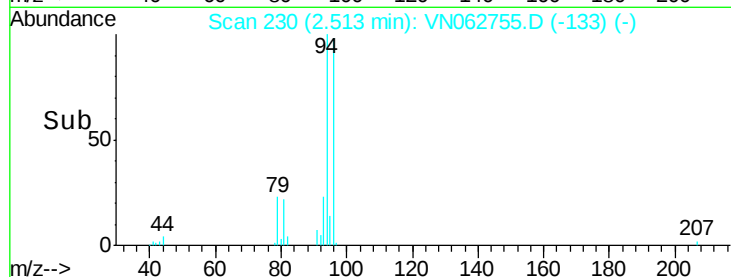
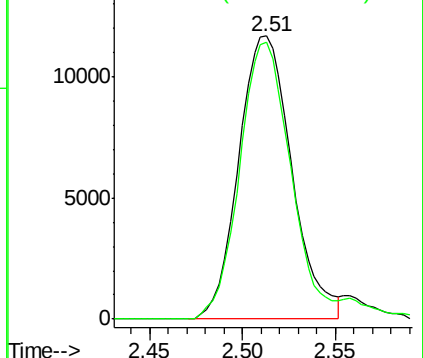
94 100

96 97.8 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 23.360 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.01 min

Lab File: VN062755.D

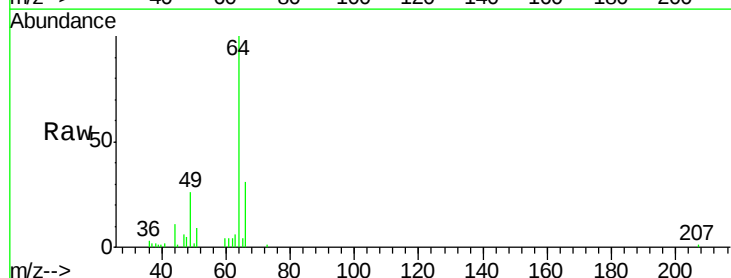
Acq: 5 Aug 2020 11:51

Tgt Ion: 64 Resp: 23332

Ion Ratio Lower Upper

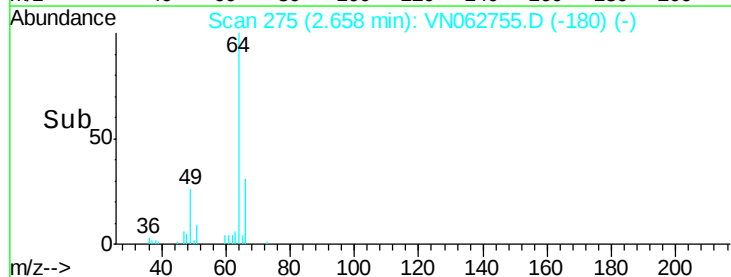
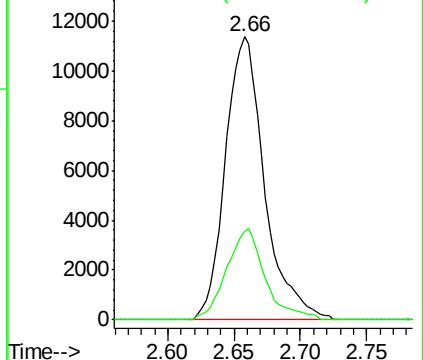
64 100

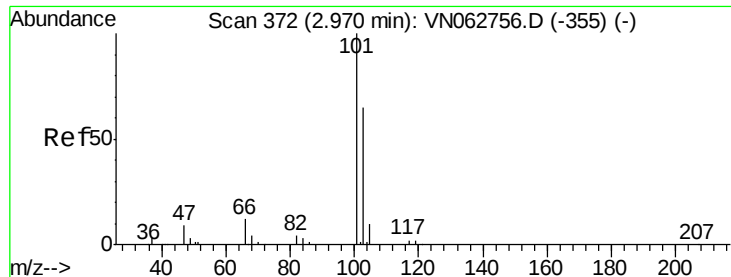
66 31.4 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



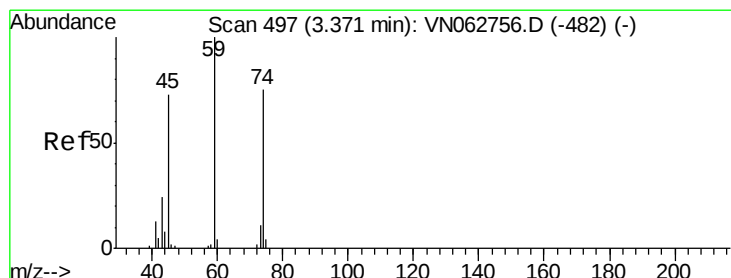
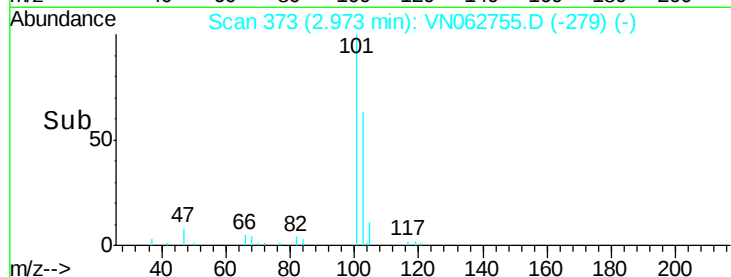
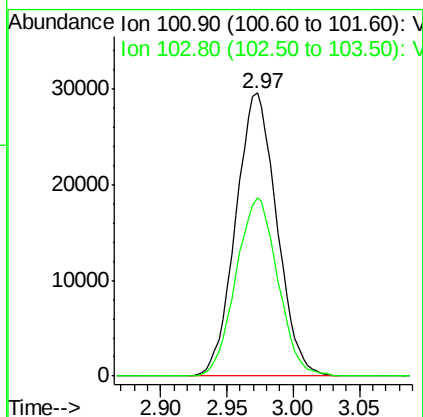
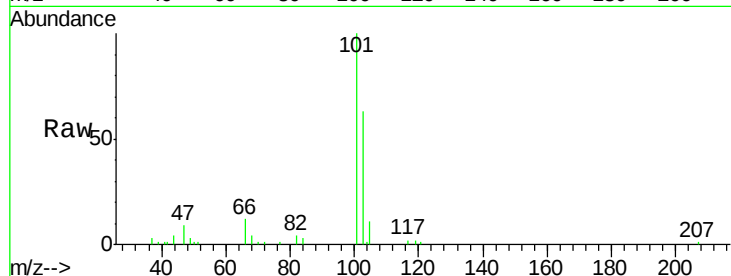


#7

Trichlorofluoromethane
 Concen: 24.489 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Instrument :
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 VSTDIC020

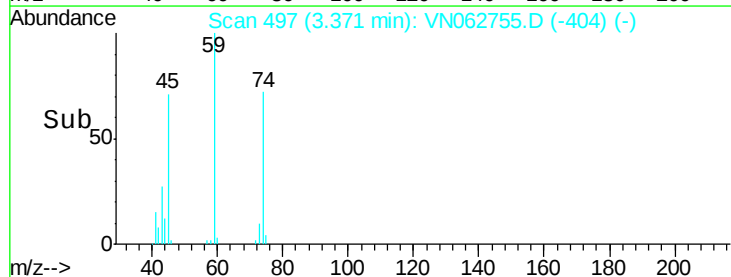
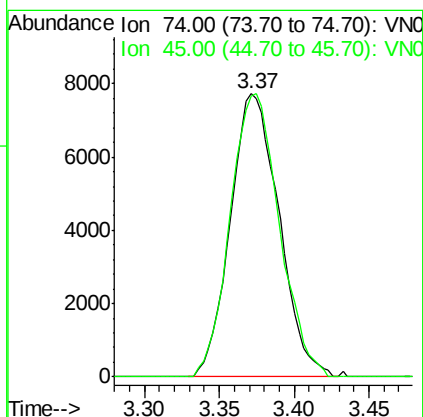
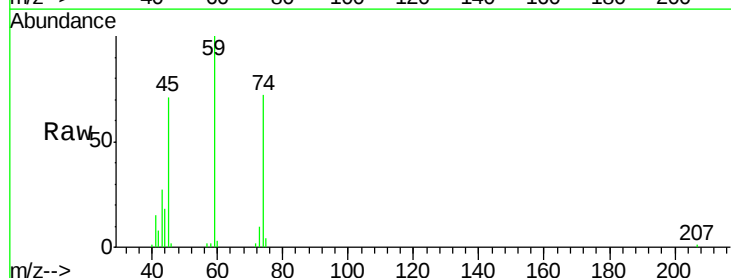
Tgt Ion:101 Resp: 63820
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.3 78.5

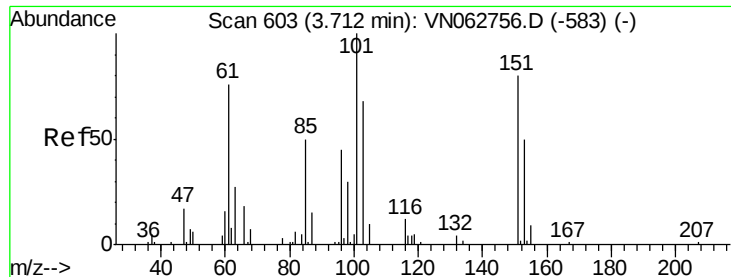


#8

Diethyl Ether
 Concen: 15.615 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Tgt Ion: 74 Resp: 17500
 Ion Ratio Lower Upper
 74 100
 45 101.1 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.804 ug/l

RT: 3.71 min Scan# 601

Delta R.T. -0.01 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

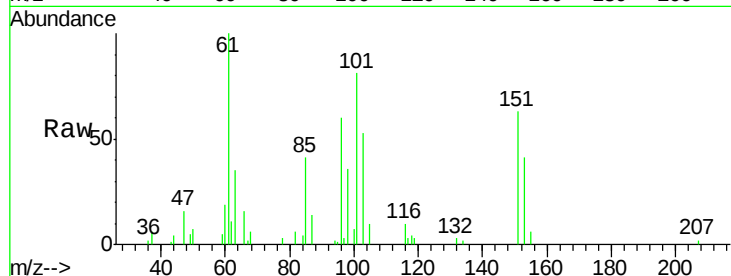
Tgt Ion:101 Resp: 26152

Ion Ratio Lower Upper

101 100

85 47.3 38.5 57.7

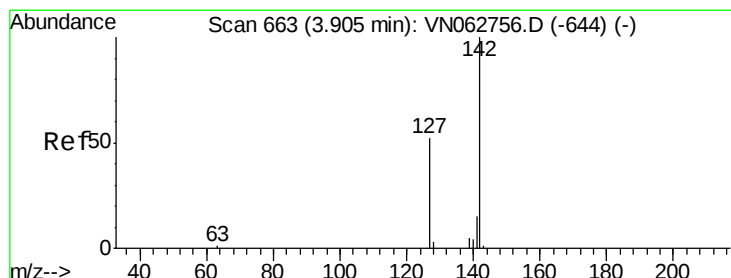
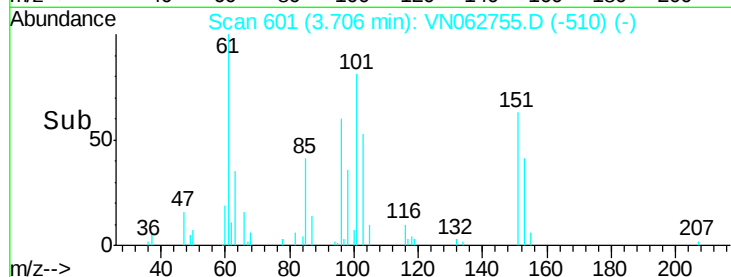
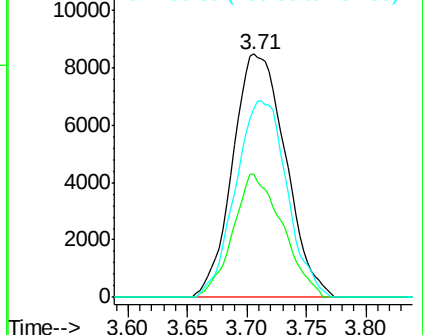
151 78.3 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.760 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

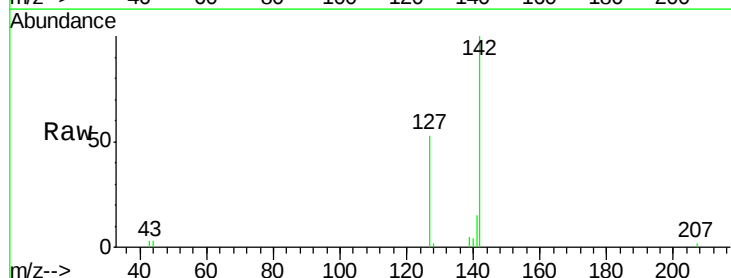
Tgt Ion:142 Resp: 28917

Ion Ratio Lower Upper

142 100

127 51.5 41.4 62.0

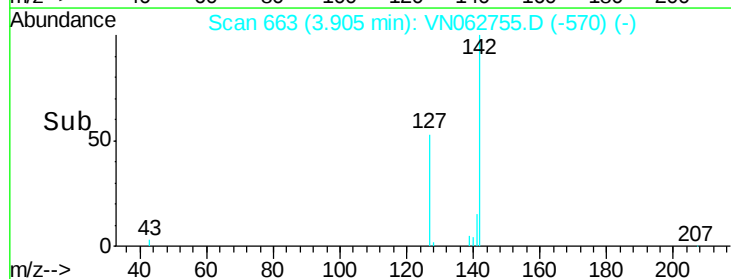
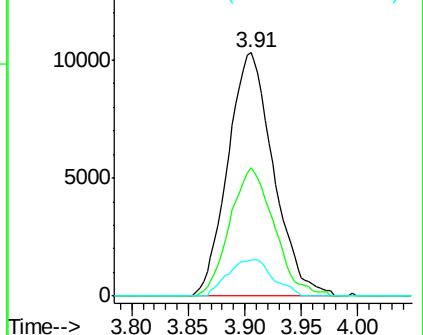
141 14.8 12.2 18.4

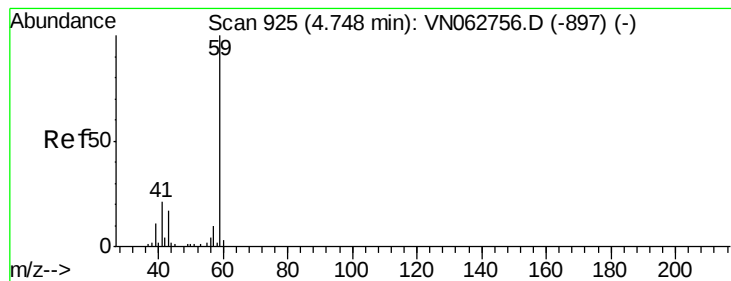


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



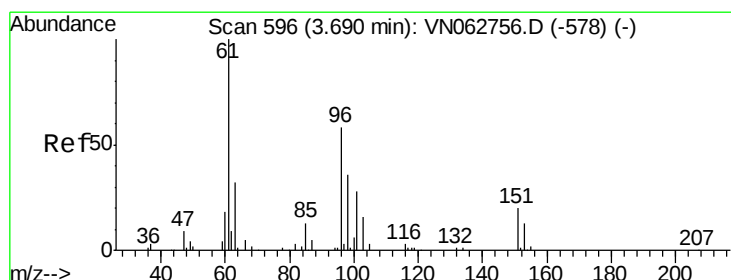
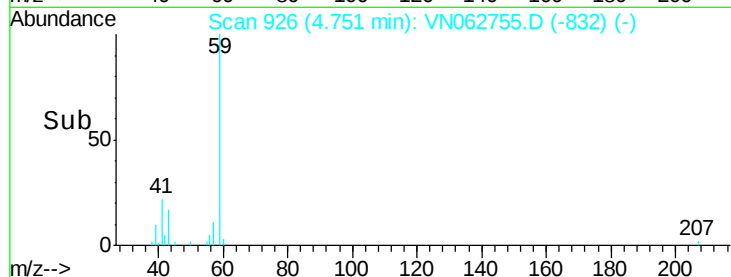
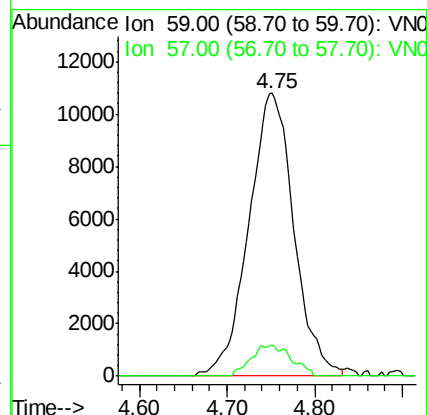
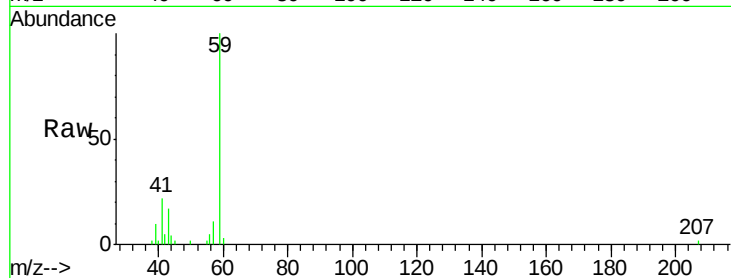


#11

Tert butyl alcohol
 Concen: 101.211 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

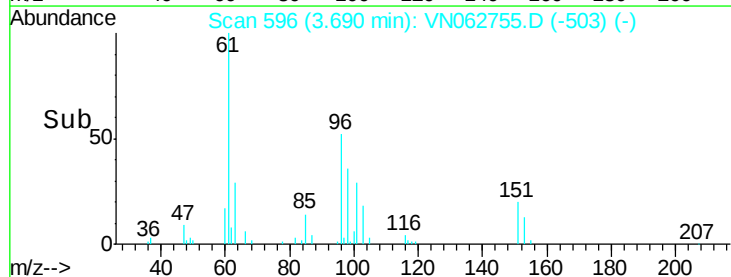
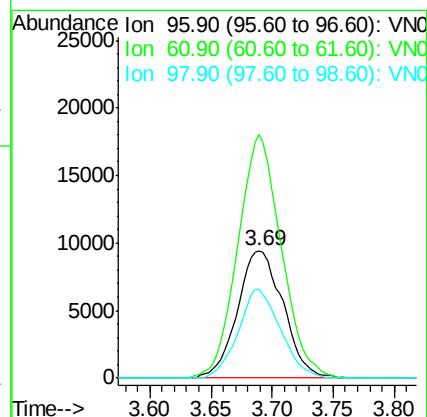
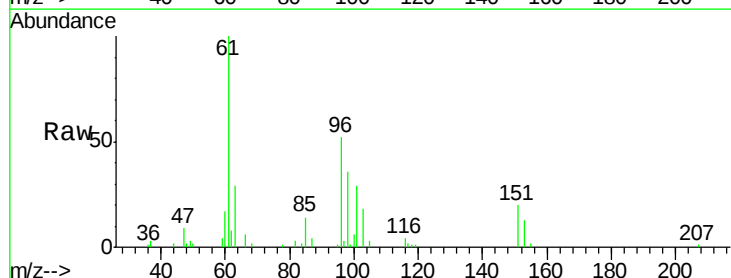
Tgt Ion: 59 Resp: 38566
 Ion Ratio Lower Upper
 59 100
 57 4.1 8.3 12.5#

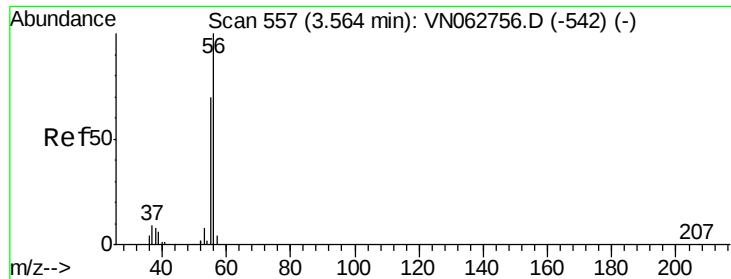


#12

1,1-Dichloroethene
 Concen: 15.663 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Tgt Ion: 96 Resp: 24429
 Ion Ratio Lower Upper
 96 100
 61 189.6 139.0 208.6
 98 69.4 50.2 75.4





#13

Acrolein

Concen: 62.868 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

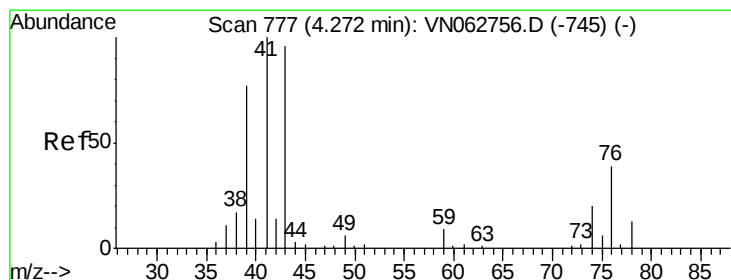
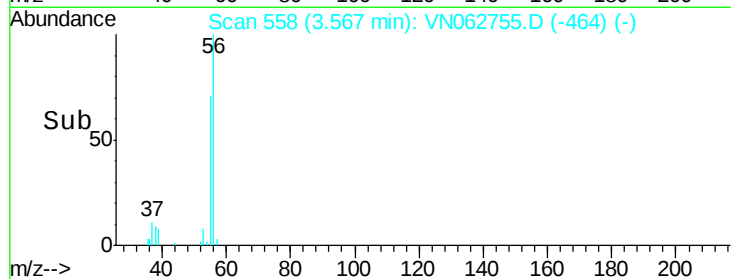
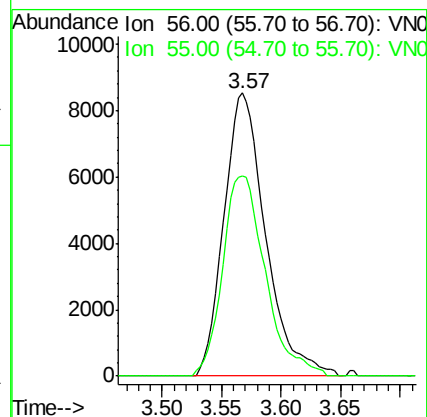
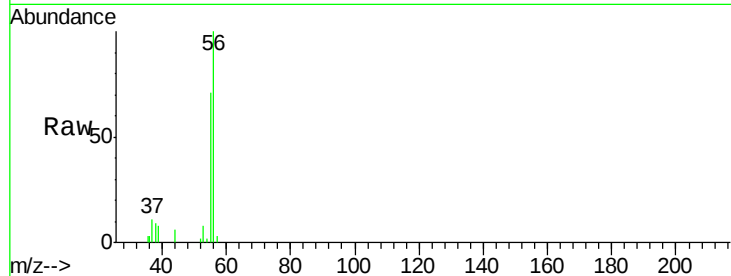
VSTDIC020

Tgt Ion: 56 Resp: 20741

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.6



#14

Allyl chloride

Concen: 13.618 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

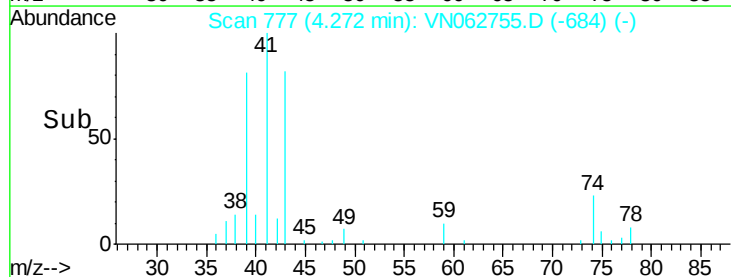
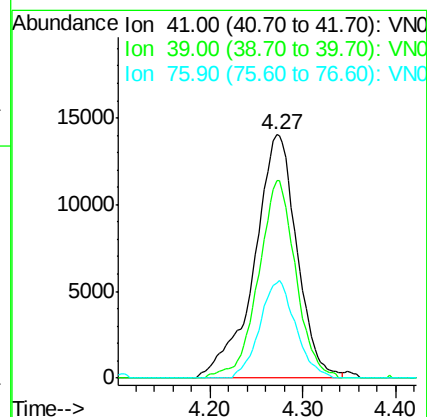
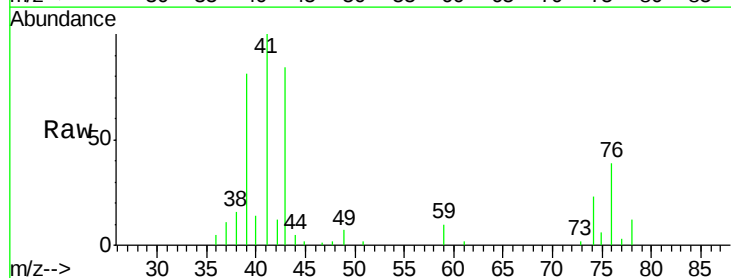
Tgt Ion: 41 Resp: 44940

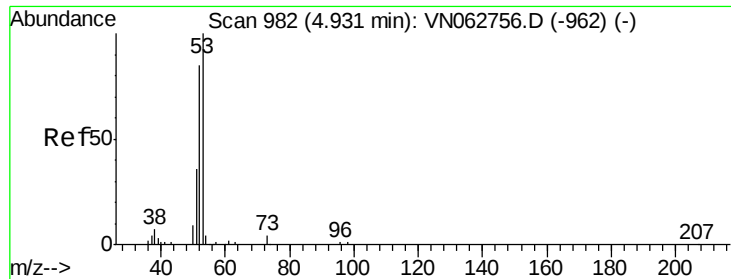
Ion Ratio Lower Upper

41 100

39 71.1 55.7 83.5

76 33.7 27.5 41.3





#15

Acrylonitrile

Concen: 91.224 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

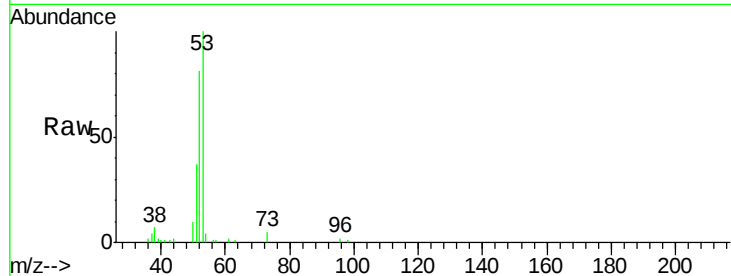
Tgt Ion: 53 Resp: 89725

Ion Ratio Lower Upper

53 100

52 84.7 66.8 100.2

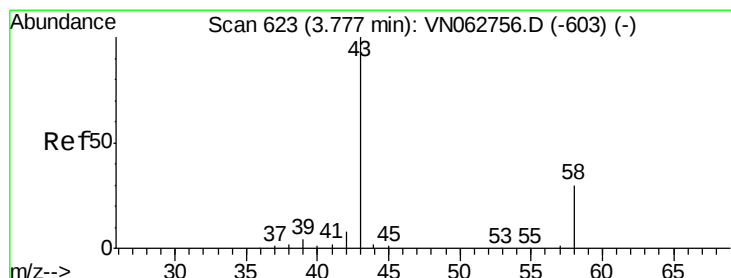
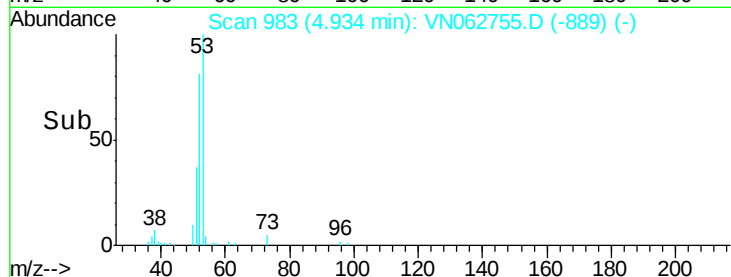
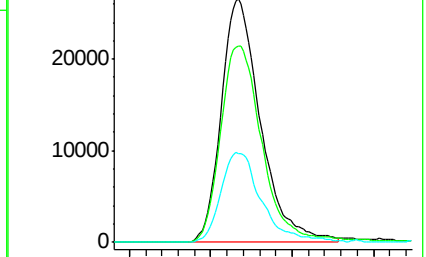
51 38.1 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN062755.D (-889) (-)

Ion 52.00 (51.70 to 52.70): VN062755.D (-889) (-)

Ion 51.00 (50.70 to 51.70): VN062755.D (-889) (-)



#16

Acetone

Concen: 96.591 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062755.D

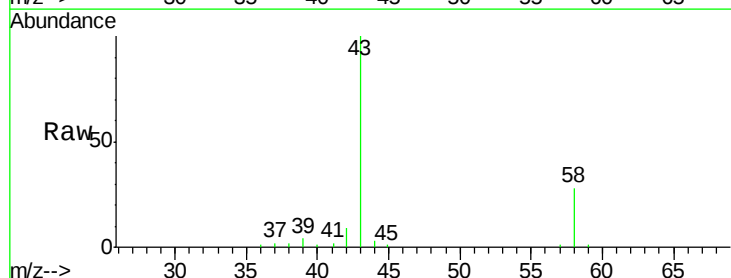
Acq: 5 Aug 2020 11:51

Tgt Ion: 43 Resp: 84678

Ion Ratio Lower Upper

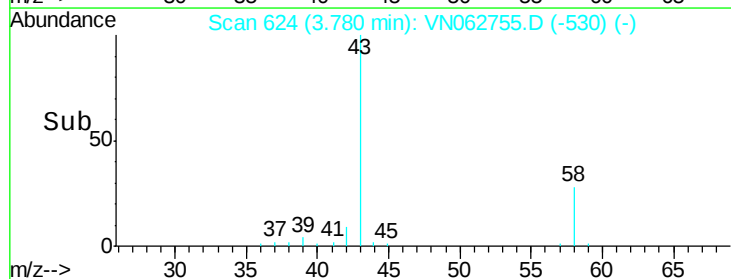
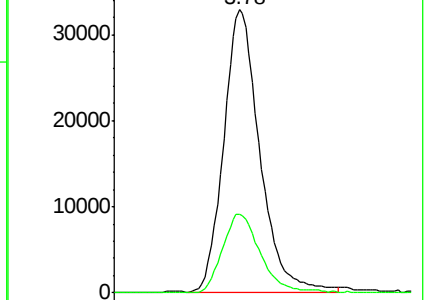
43 100

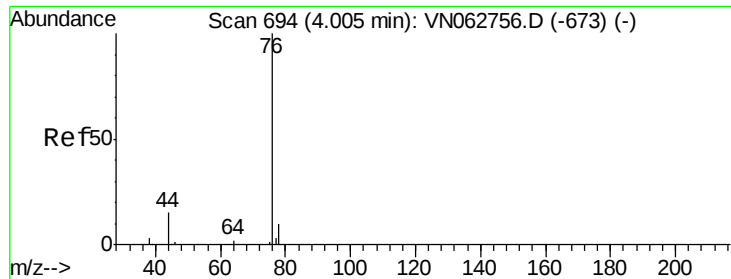
58 27.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN062755.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN062755.D (-530) (-)





#17

Carbon Disulfide

Concen: 13.776 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

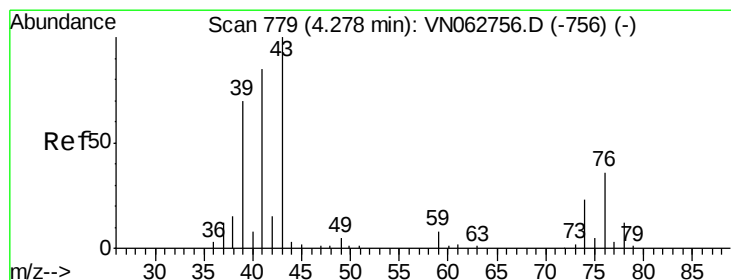
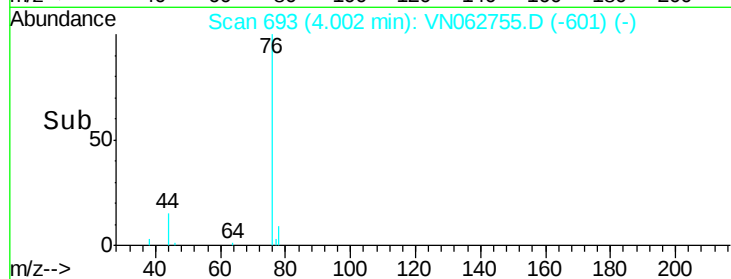
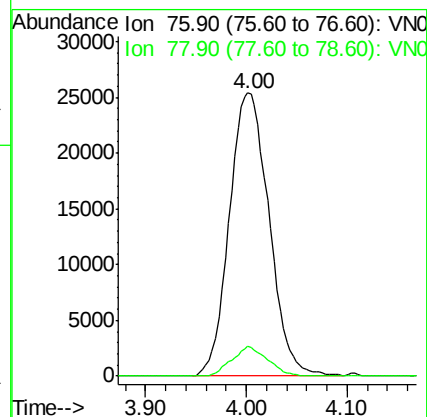
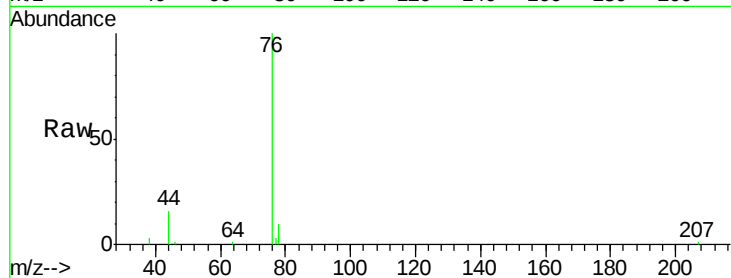
VSTDIC020

Tgt Ion: 76 Resp: 69498

Ion Ratio Lower Upper

76 100

78 10.4 7.7 11.5



#18

Methyl Acetate

Concen: 18.789 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062755.D

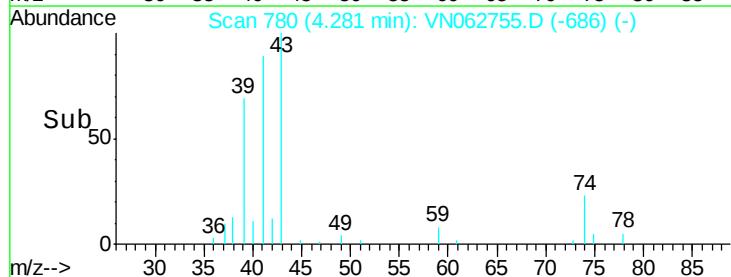
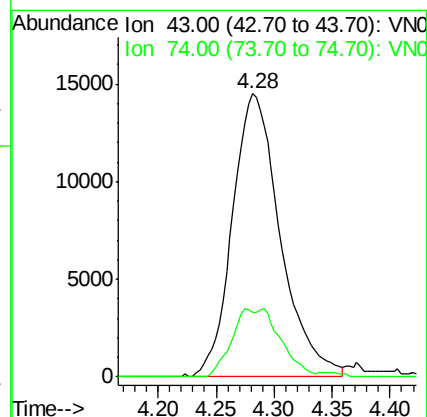
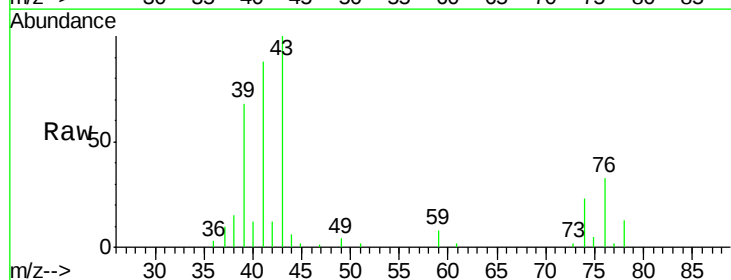
Acq: 5 Aug 2020 11:51

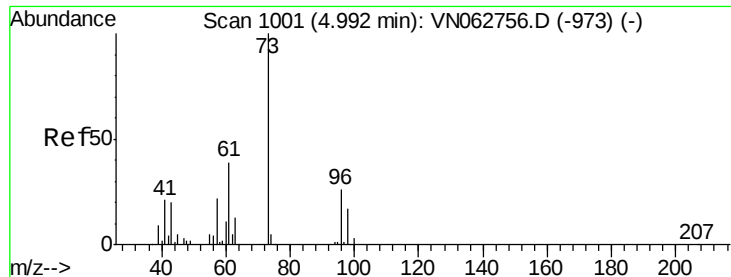
Tgt Ion: 43 Resp: 41734

Ion Ratio Lower Upper

43 100

74 12.4 18.6 28.0#

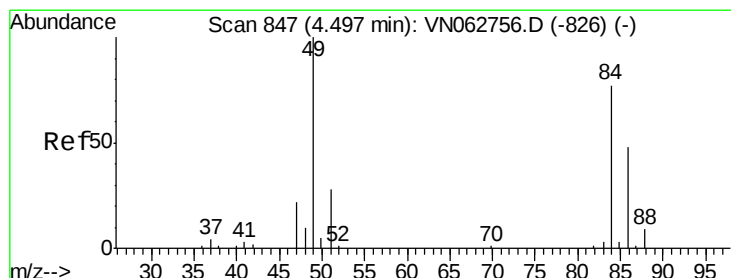
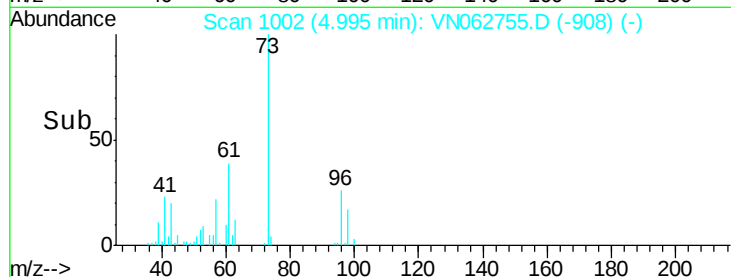
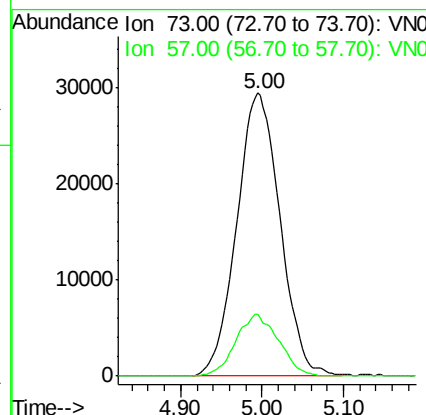
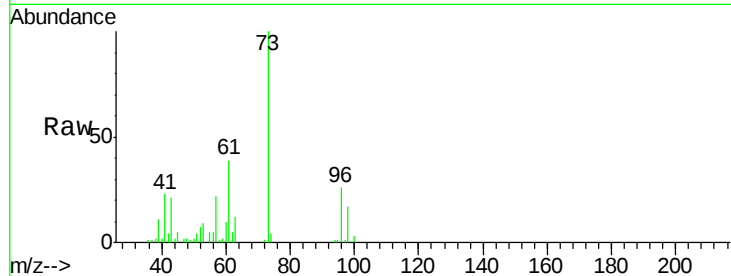




#19
Methyl tert-butyl Ether
Concen: 18.388 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

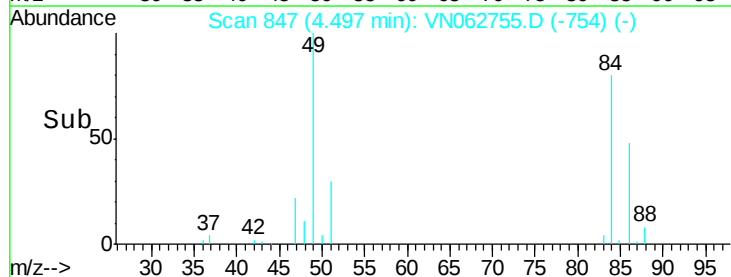
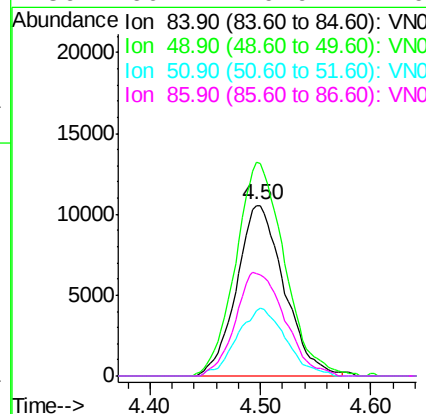
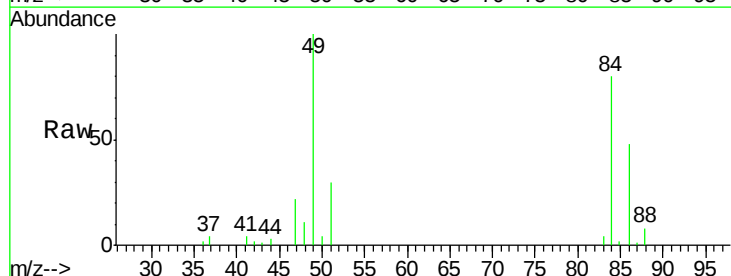
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

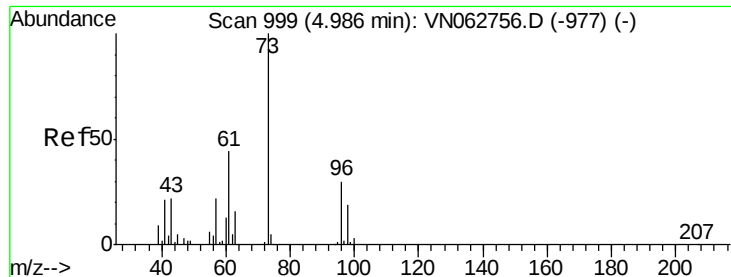
Tgt Ion: 73 Resp: 108535
Ion Ratio Lower Upper
73 100
57 21.8 17.5 26.3



#20
Methylene Chloride
Concen: 15.397 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Tgt Ion: 84 Resp: 31495
Ion Ratio Lower Upper
84 100
49 125.0 103.4 155.2
51 38.1 29.3 43.9
86 60.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 15.948 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

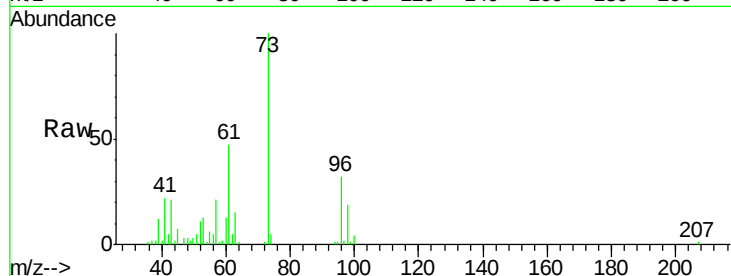
Tgt Ion: 96 Resp: 27559

Ion Ratio Lower Upper

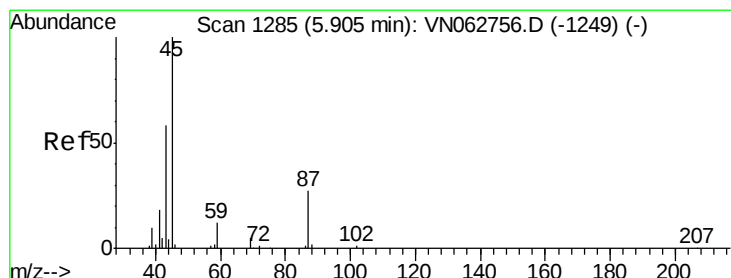
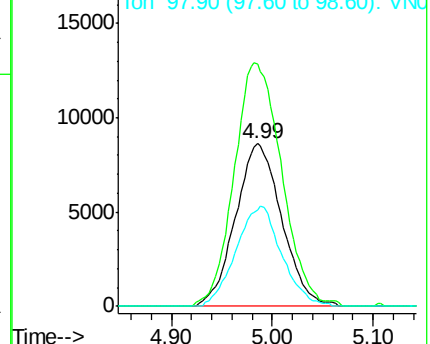
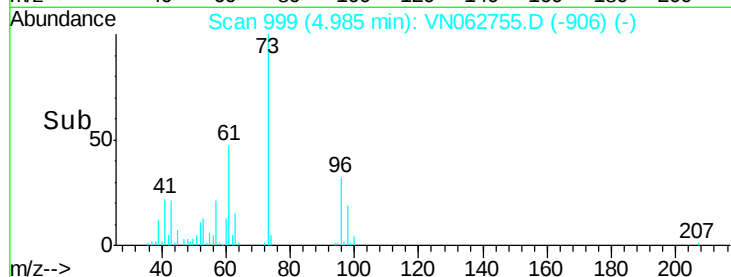
96 100

61 148.5 118.8 178.2

98 59.1 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062755.D (-906) (-)



#22

Diisopropyl ether

Concen: 16.171 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Tgt Ion: 45 Resp: 108180

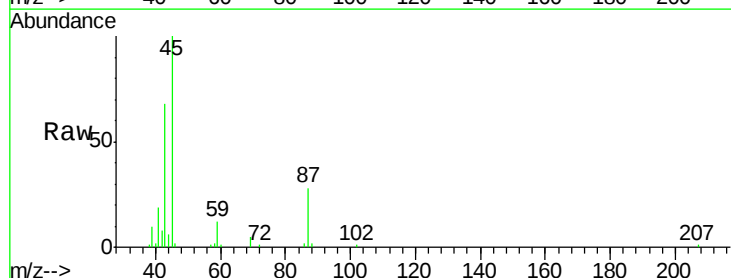
Ion Ratio Lower Upper

45 100

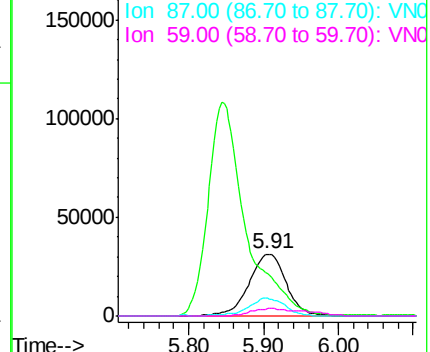
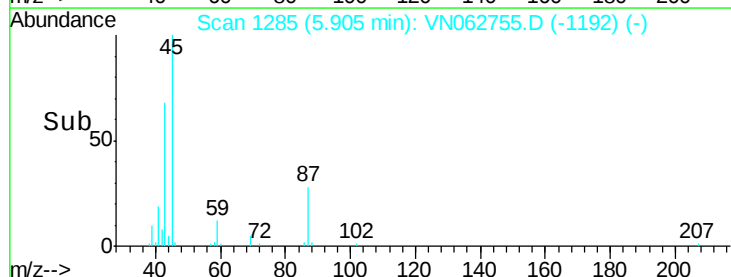
43 65.7 47.4 71.2

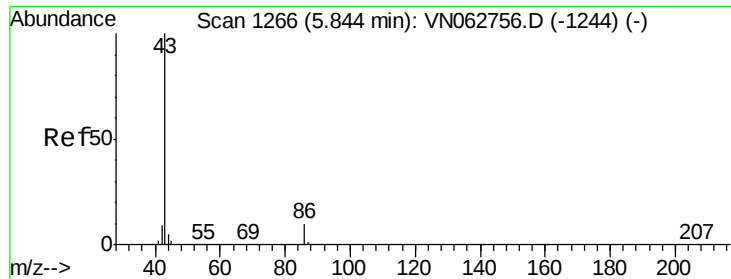
87 28.2 22.8 34.2

59 11.7 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VN062755.D (-1192) (-)





#23

Vinyl Acetate

Concen: 70.554 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

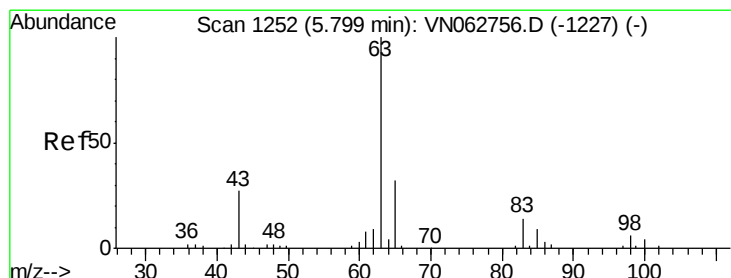
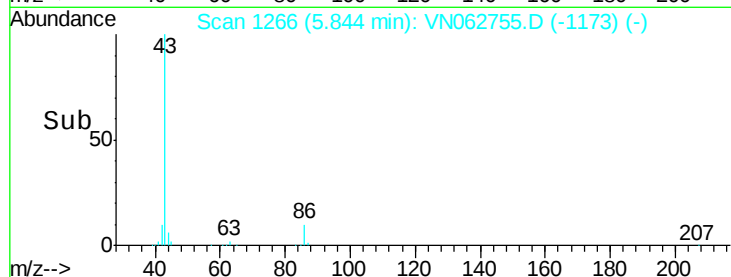
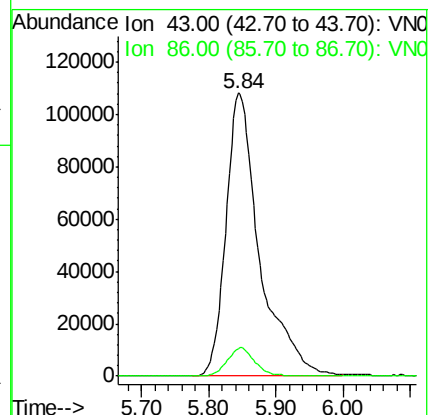
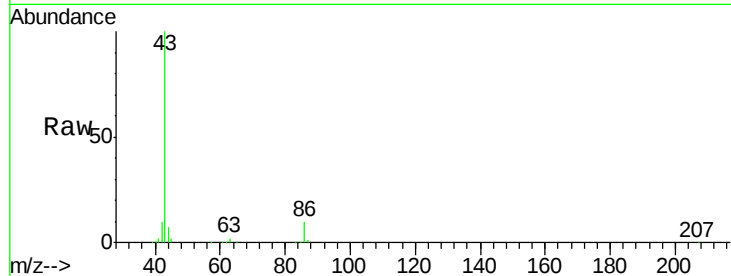
VSTDIC020

Tgt Ion: 43 Resp: 377684

Ion Ratio Lower Upper

43 100

86 9.8 7.7 11.5



#24

1,1-Dichloroethane

Concen: 16.345 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

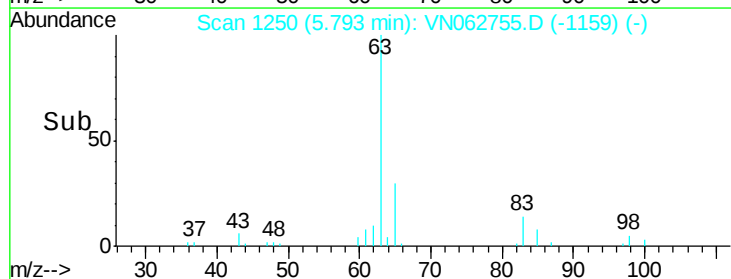
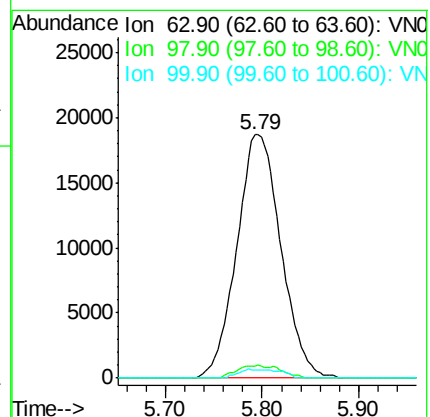
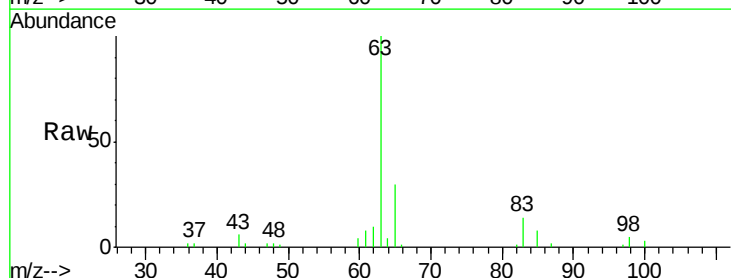
Tgt Ion: 63 Resp: 59258

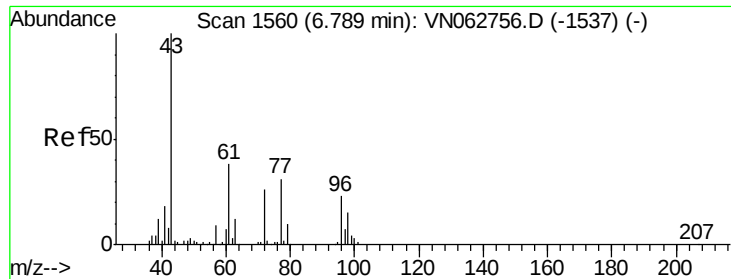
Ion Ratio Lower Upper

63 100

98 5.2 3.0 9.2

100 3.3 1.9 5.7

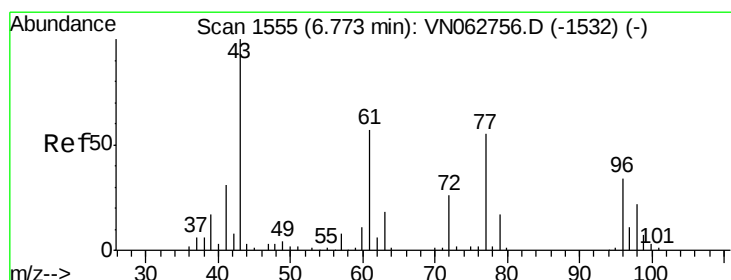
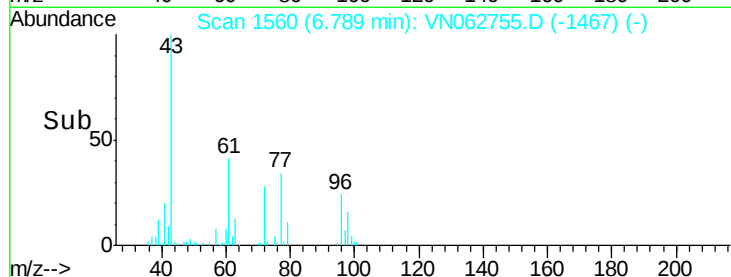
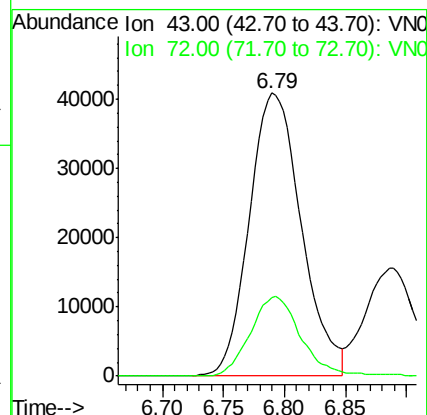
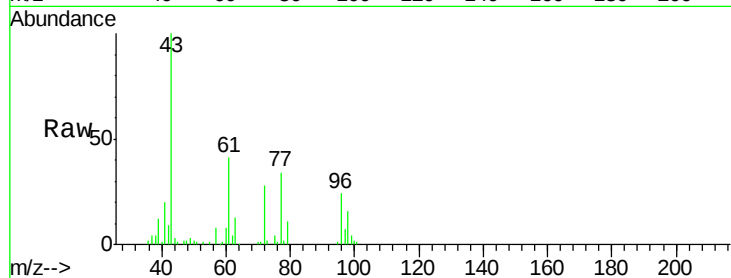




#25
2-Butanone
Concen: 91.526 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

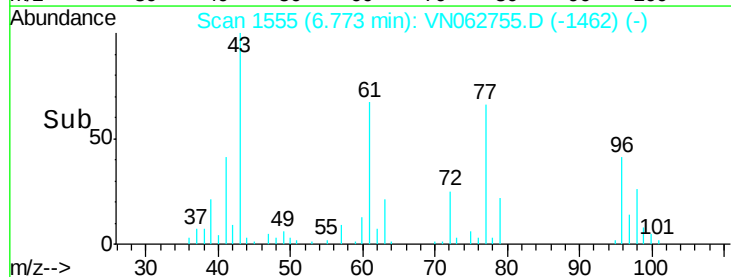
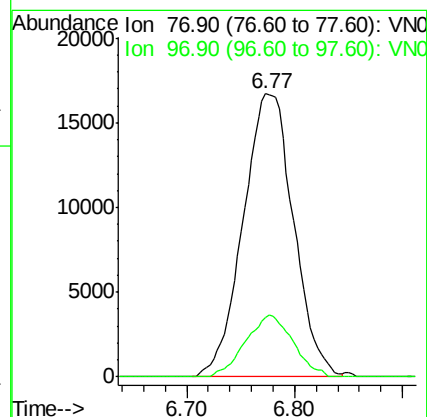
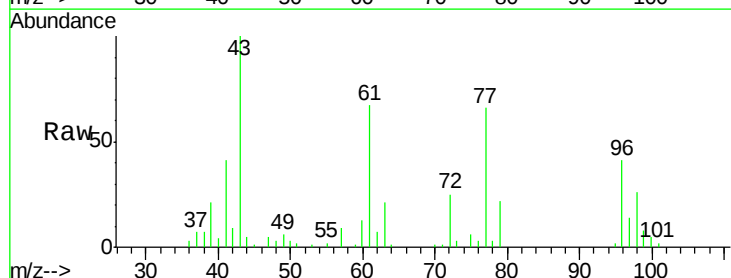
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

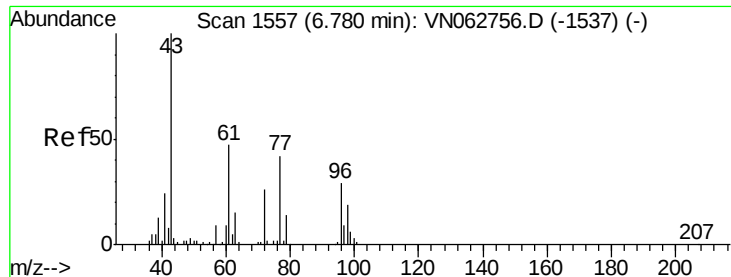
Tgt Ion: 43 Resp: 121154
Ion Ratio Lower Upper
43 100
72 27.6 21.1 31.7



#26
2,2-Dichloropropane
Concen: 17.865 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Tgt Ion: 77 Resp: 54213
Ion Ratio Lower Upper
77 100
97 20.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 16.261 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

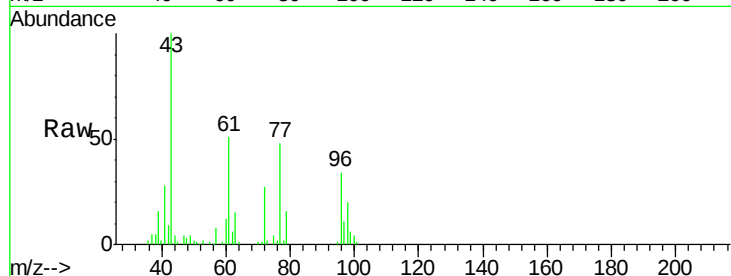
Tgt Ion: 96 Resp: 32252

Ion Ratio Lower Upper

96 100

61 167.5 0.0 332.2

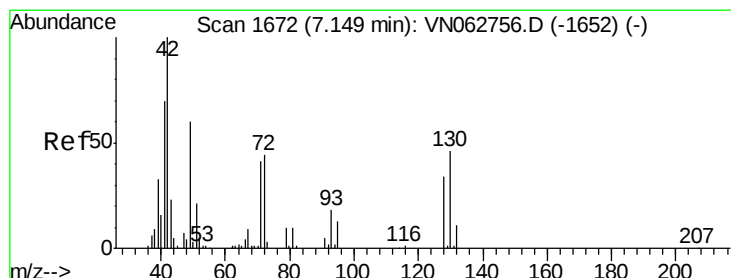
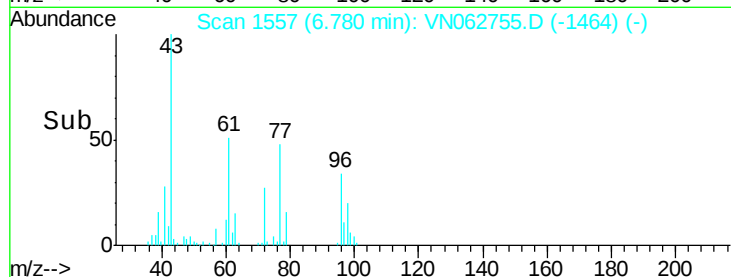
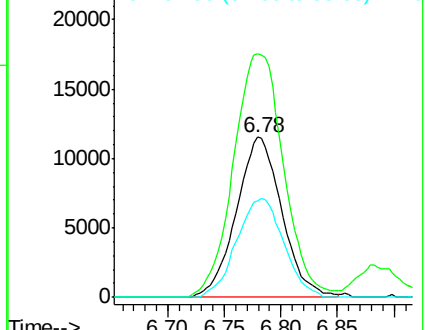
98 63.9 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062755.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062755.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062755.D (-1464) (-)



#28

Bromochloromethane

Concen: 17.073 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

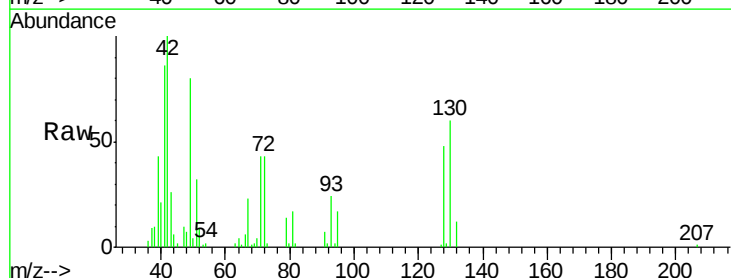
Tgt Ion: 49 Resp: 30207

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.2

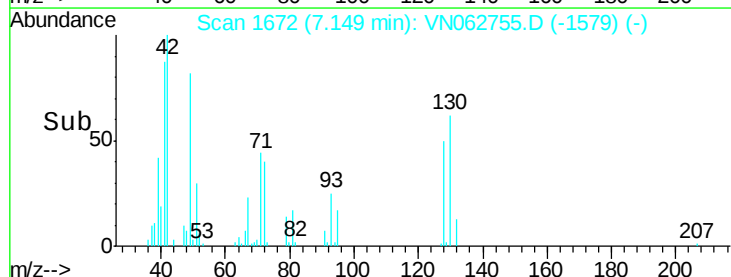
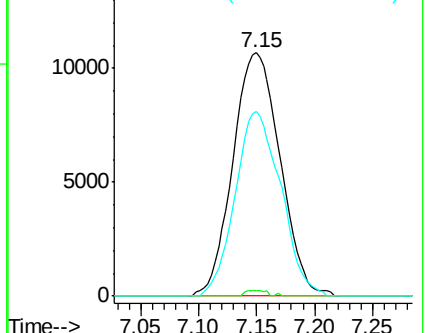
130 73.3 59.0 88.6

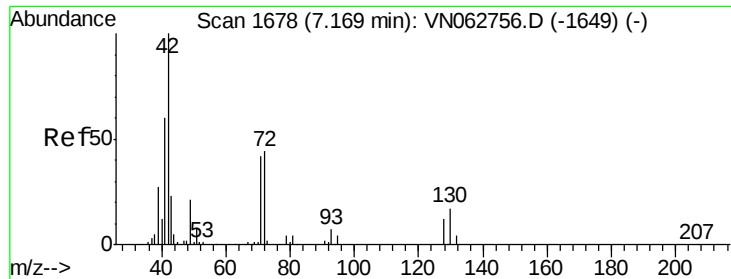


Abundance Ion 48.90 (48.60 to 49.60): VN062755.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062755.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062755.D (-1579) (-)

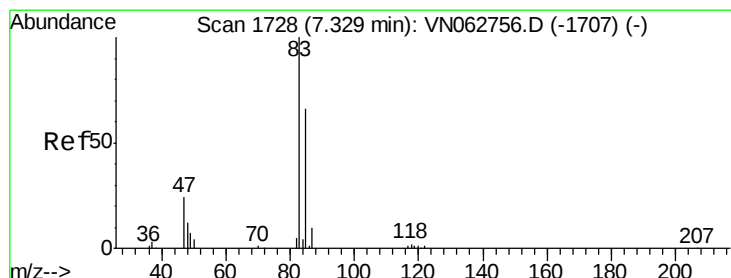
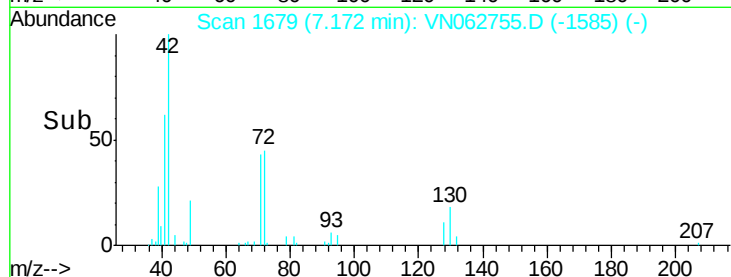
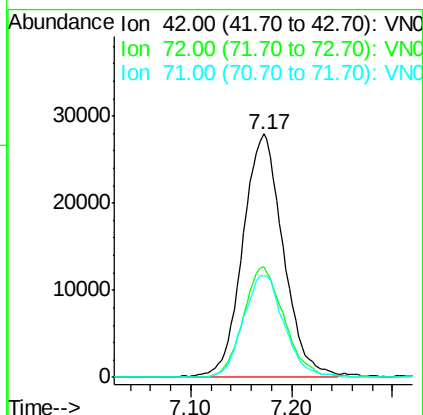
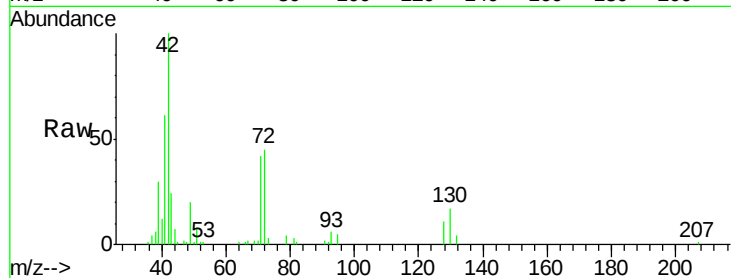




#29
Tetrahydrofuran
Concen: 87.149 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

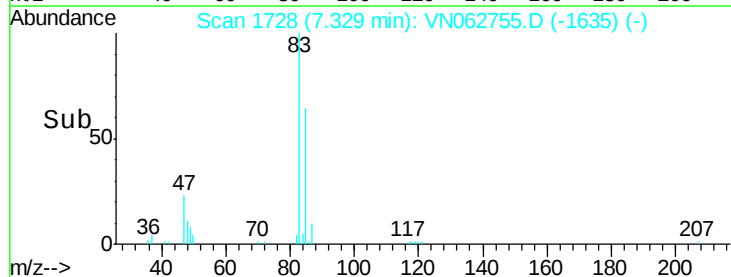
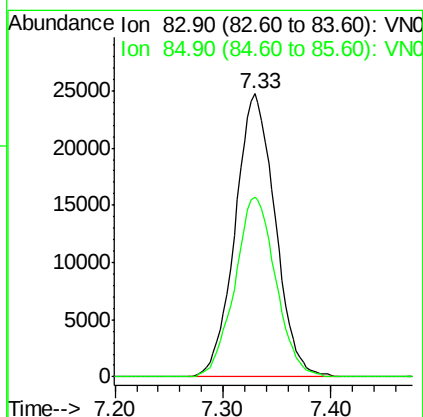
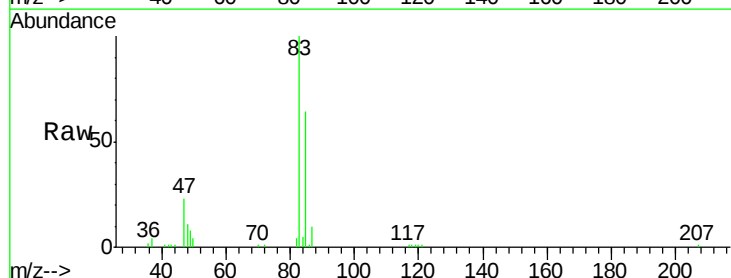
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

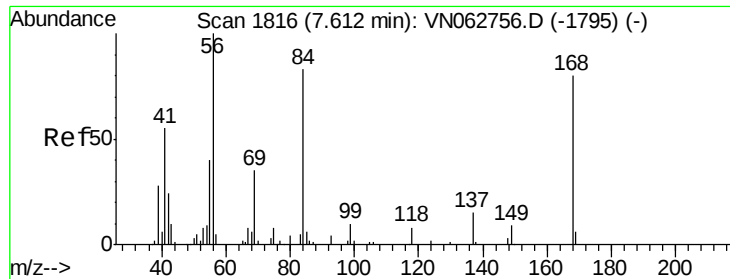
Tgt Ion: 42 Resp: 77708
Ion Ratio Lower Upper
42 100
72 45.7 35.0 52.4
71 42.3 33.2 49.8



#30
Chloroform
Concen: 18.164 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Tgt Ion: 83 Resp: 63778
Ion Ratio Lower Upper
83 100
85 63.6 52.7 79.1

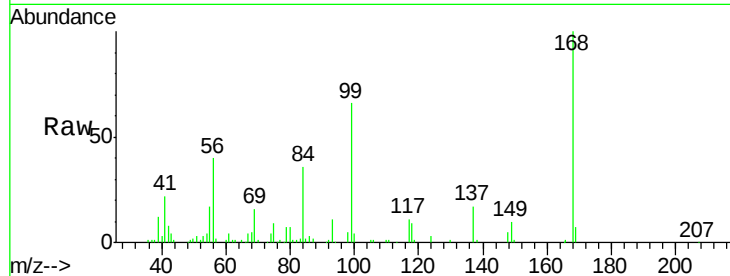




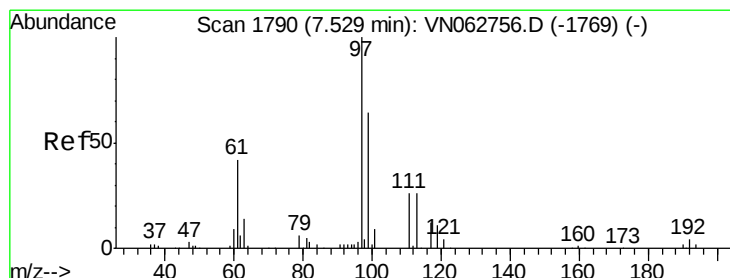
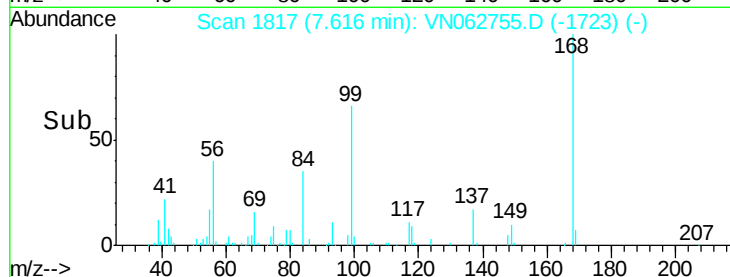
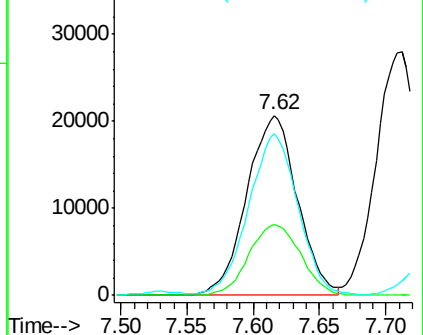
#31
Cyclohexane
Concen: 16.403 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 55060
Ion Ratio Lower Upper
56 100
69 39.5 28.1 42.1
84 88.5 66.8 100.2

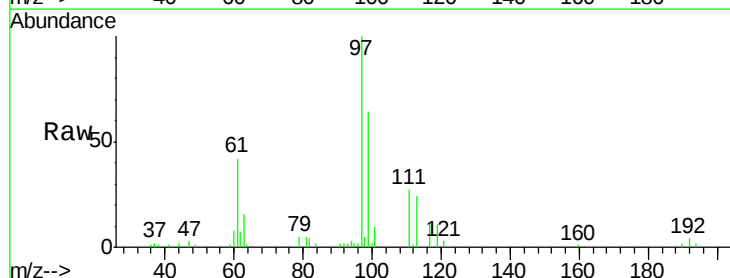


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

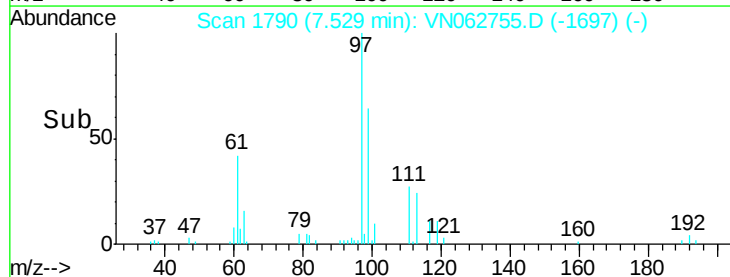
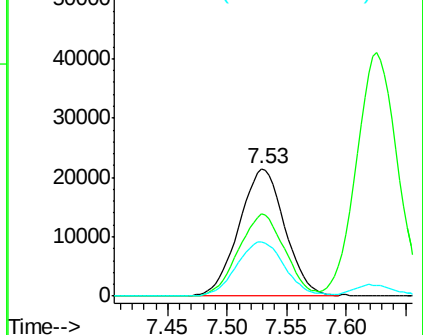


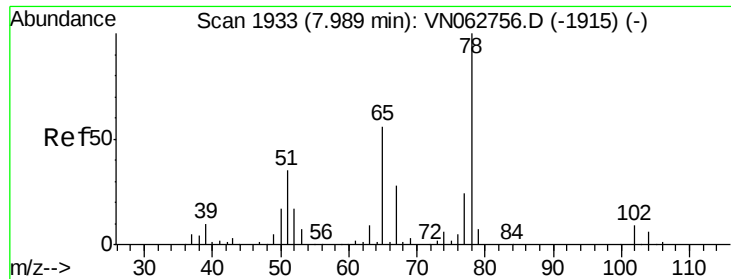
#32
1,1,1-Trichloroethane
Concen: 19.253 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Tgt Ion: 97 Resp: 57269
Ion Ratio Lower Upper
97 100
99 64.7 50.0 75.0
61 44.4 34.8 52.2



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

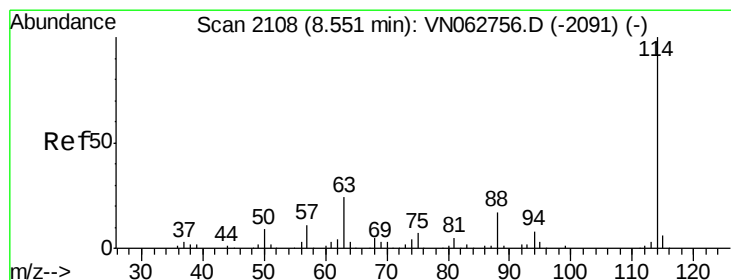
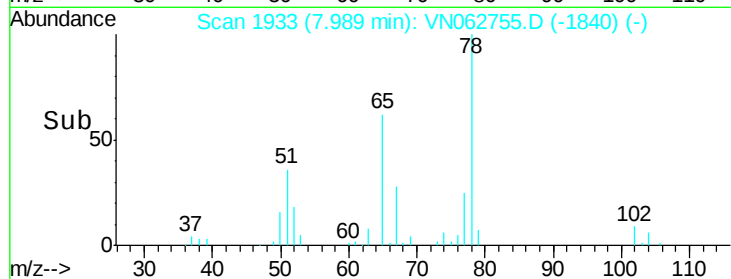
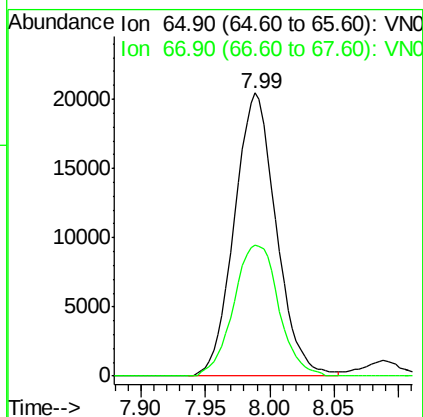
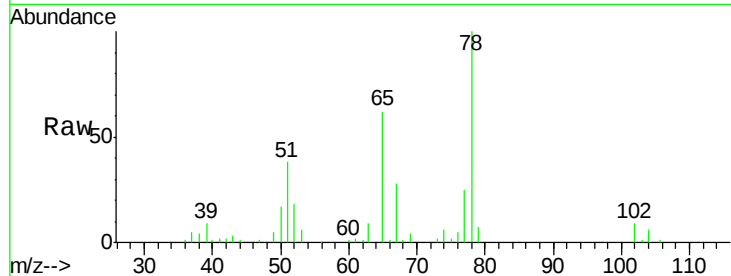




#33
 1,2-Dichloroethane-d4
 Concen: 19.692 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

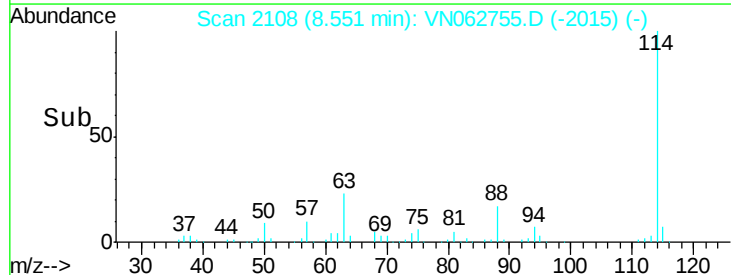
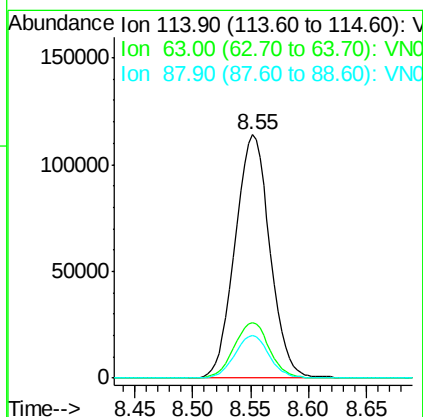
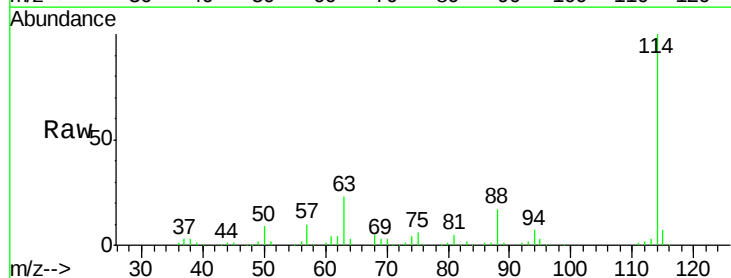
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

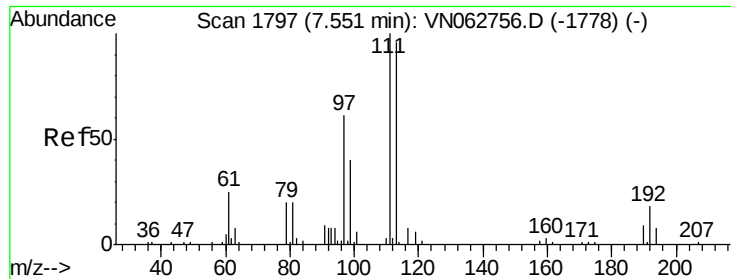
Tgt Ion: 65 Resp: 46186
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Tgt Ion: 114 Resp: 237922
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.6
 88 17.5 0.0 34.4

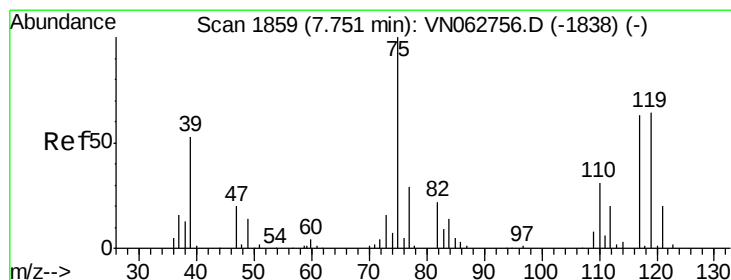
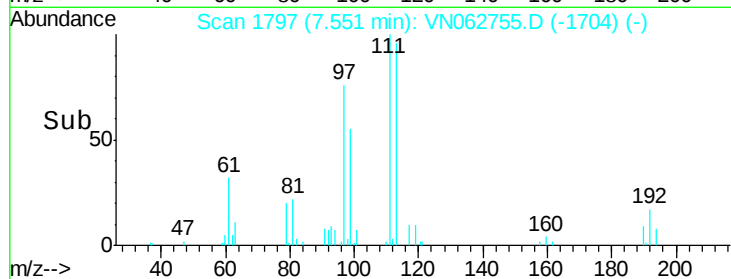
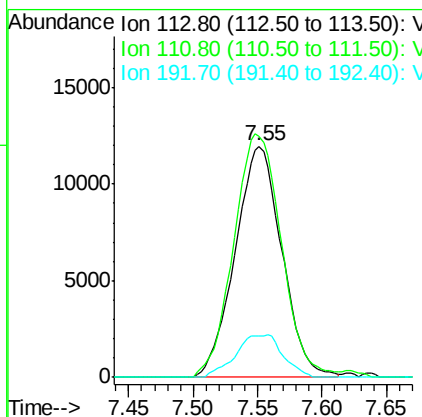
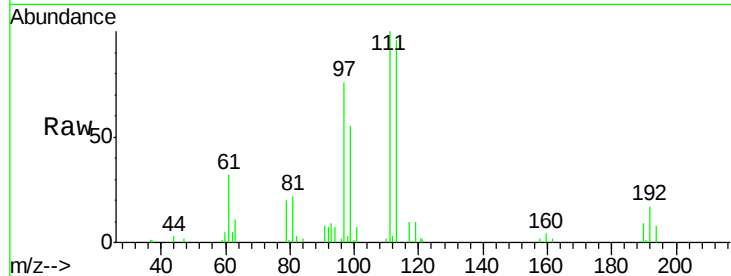




#35
 Dibromofluoromethane
 Concen: 19.270 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

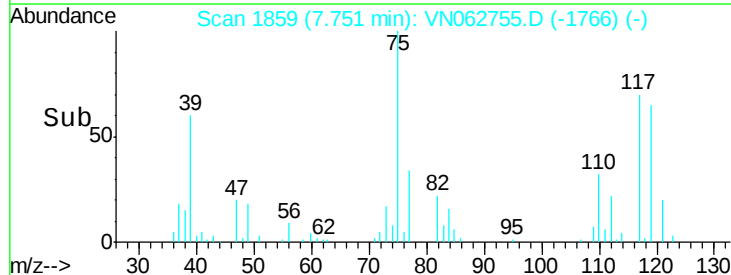
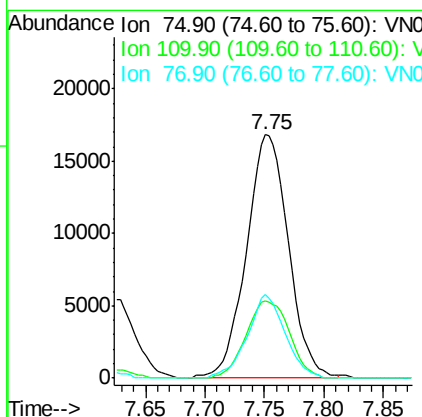
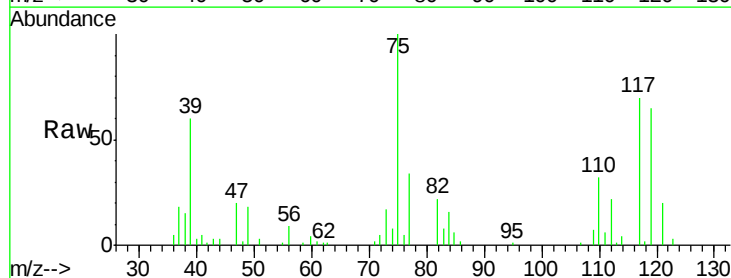
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

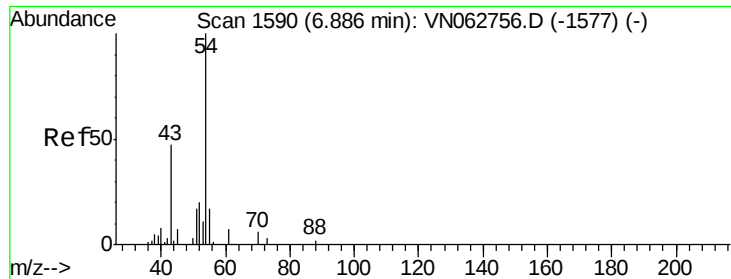
Tgt Ion: 113 Resp: 30159
 Ion Ratio Lower Upper
 113 100
 111 108.0 81.8 122.6
 192 18.7 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 16.479 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Tgt Ion: 75 Resp: 41110
 Ion Ratio Lower Upper
 75 100
 110 32.8 15.6 46.7
 77 30.9 24.1 36.1

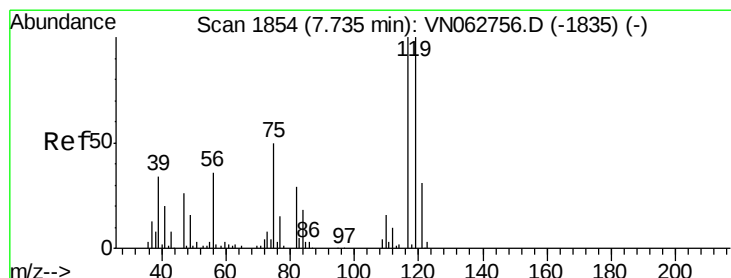
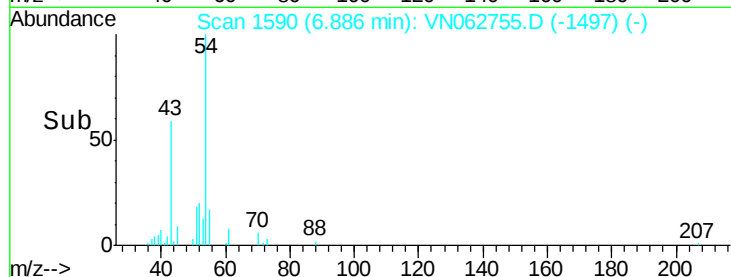
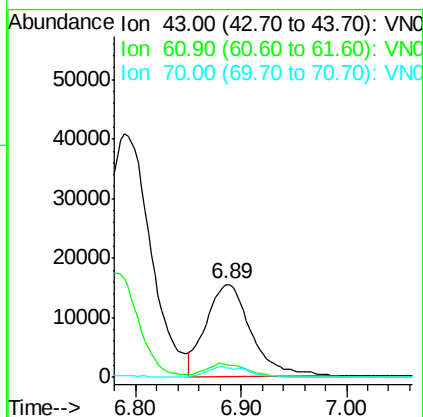
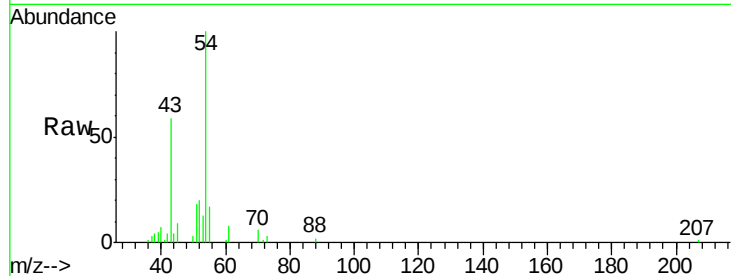




#37
 Ethyl Acetate
 Concen: 17.110 ug/l
 RT: 6.89 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

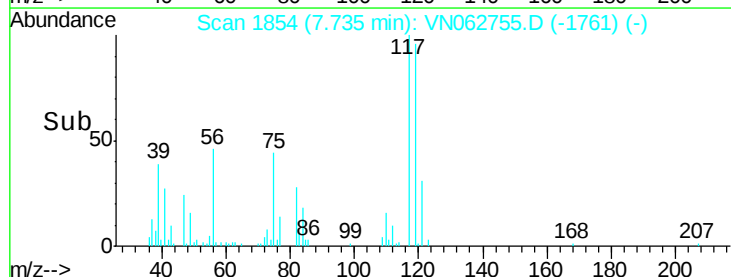
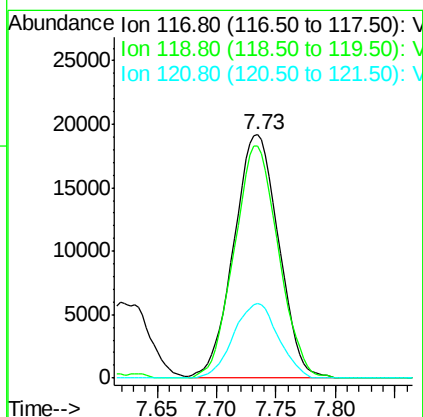
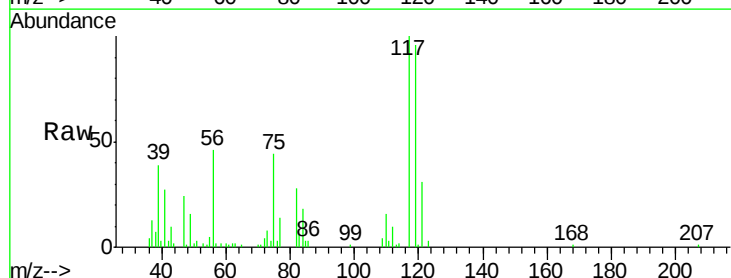
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

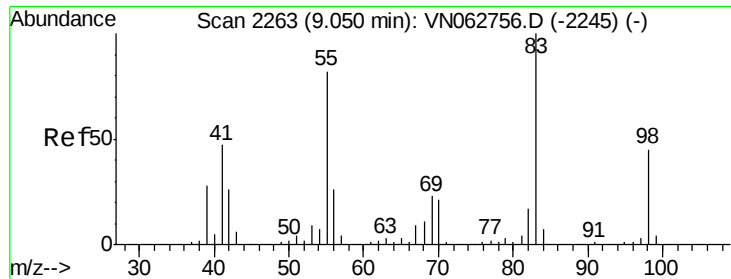
Tgt Ion: 43 Resp: 45628
 Ion Ratio Lower Upper
 43 100
 61 14.3 12.1 18.1
 70 10.5 8.3 12.5



#38
 Carbon Tetrachloride
 Concen: 20.432 ug/l
 RT: 7.73 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Tgt Ion: 117 Resp: 50160
 Ion Ratio Lower Upper
 117 100
 119 95.5 79.4 119.2
 121 30.6 24.9 37.3

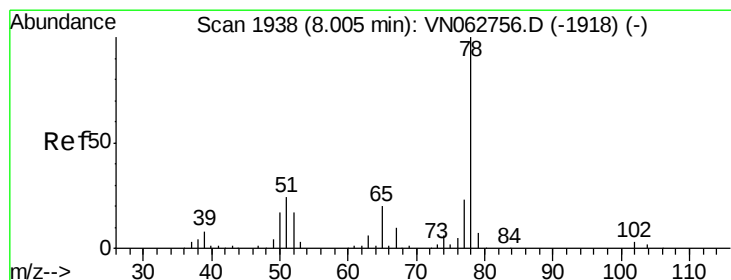
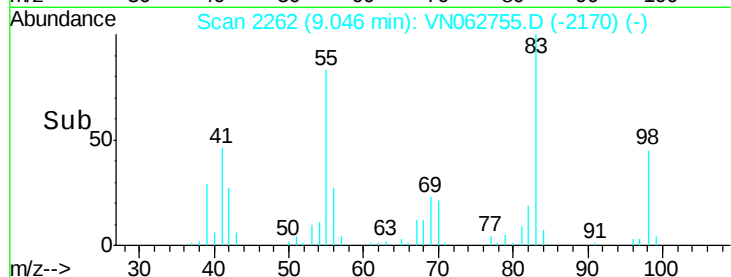
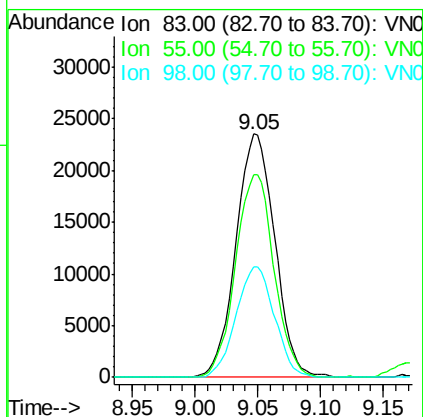
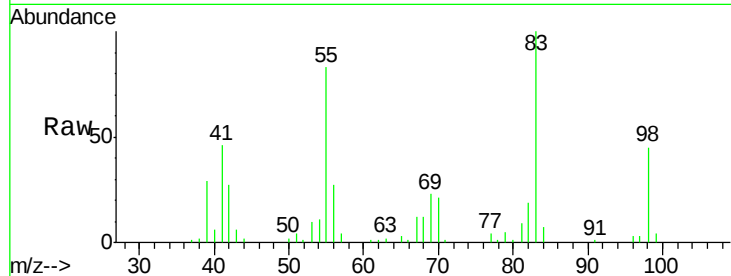




#39
Methylcyclohexane
Concen: 18.587 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

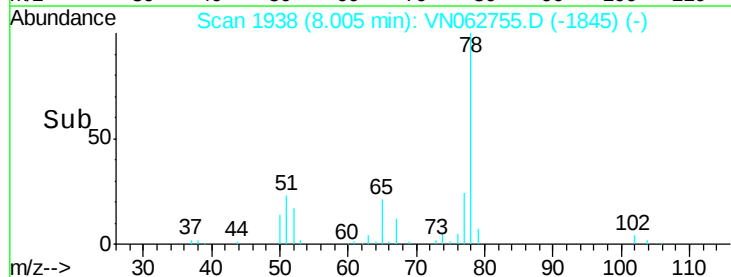
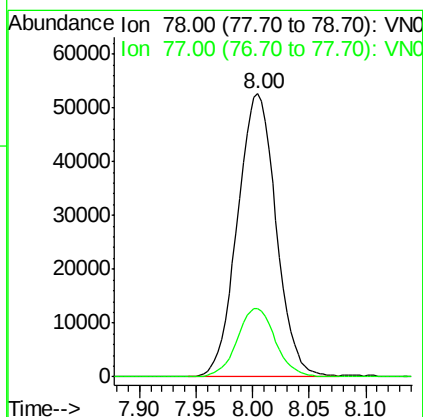
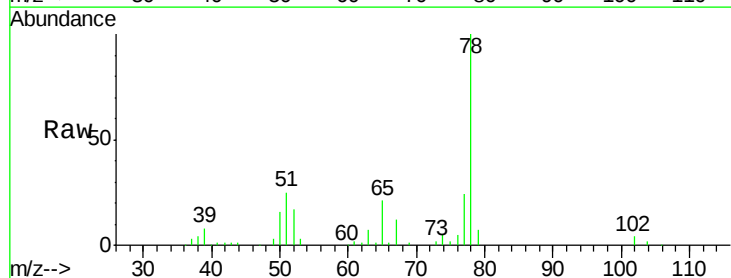
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

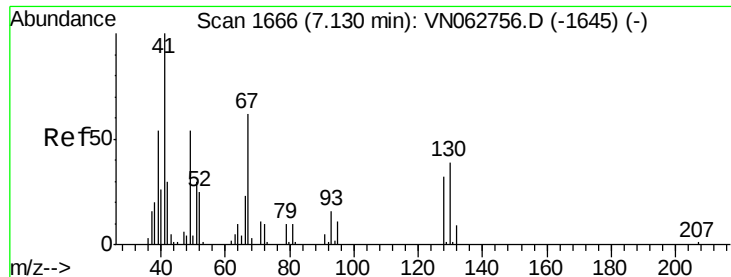
Tgt Ion: 83 Resp: 50748
Ion Ratio Lower Upper
83 100
55 83.3 65.7 98.5
98 45.4 35.6 53.4



#40
Benzene
Concen: 16.722 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Tgt Ion: 78 Resp: 125435
Ion Ratio Lower Upper
78 100
77 24.1 18.1 27.1





#41

Methacrylonitrile

Concen: 15.224 ug/l

RT: 7.13 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

Tgt Ion: 41 Resp: 18021

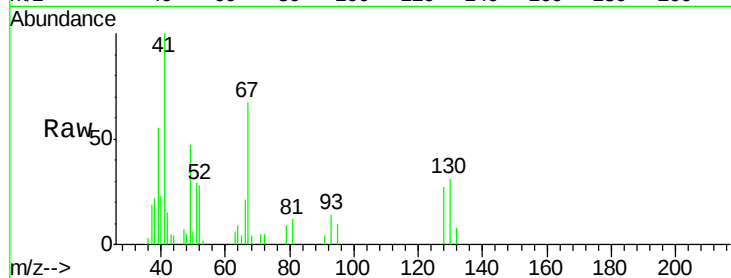
Ion Ratio Lower Upper

41 100

39 57.5 69.4 104.2#

67 104.4 0.0 0.0#

52 46.9 0.0 0.0#

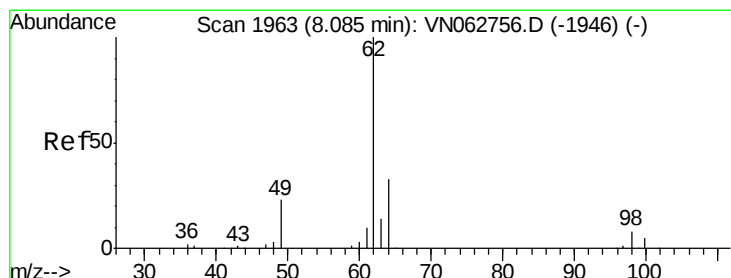
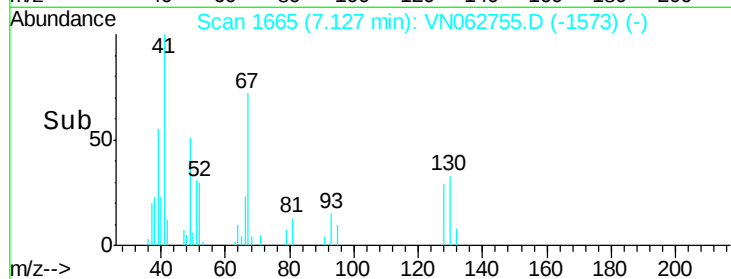
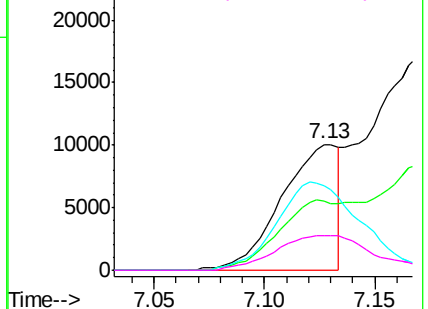


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.528 ug/l

RT: 8.09 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VN062755.D

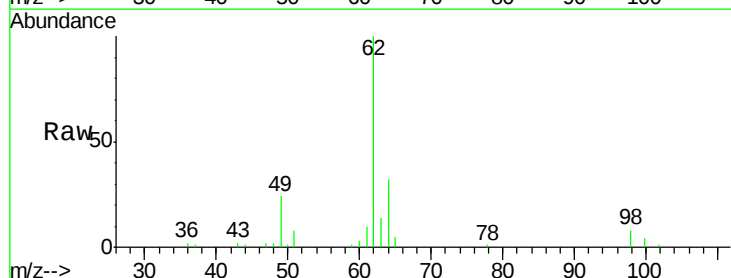
Acq: 5 Aug 2020 11:51

Tgt Ion: 62 Resp: 54978

Ion Ratio Lower Upper

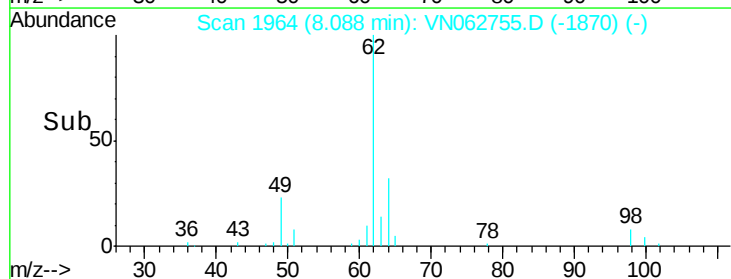
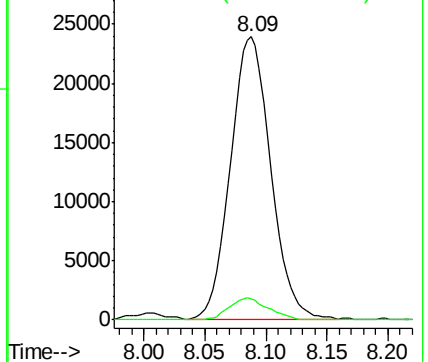
62 100

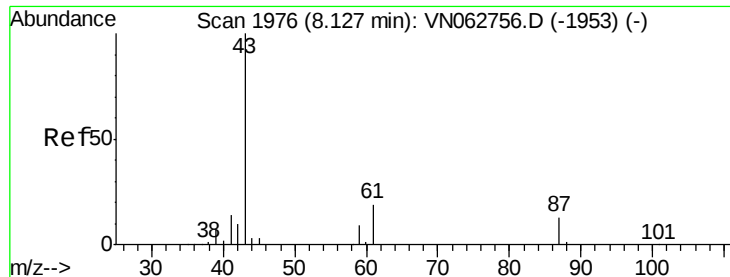
98 7.6 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.055 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

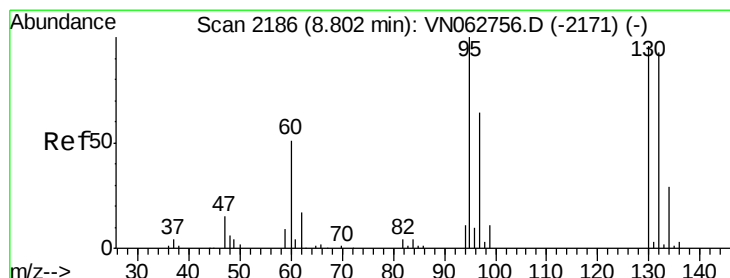
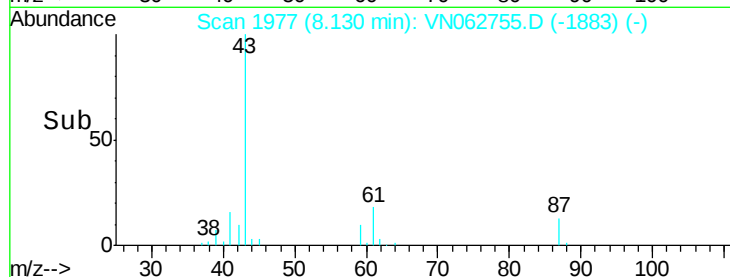
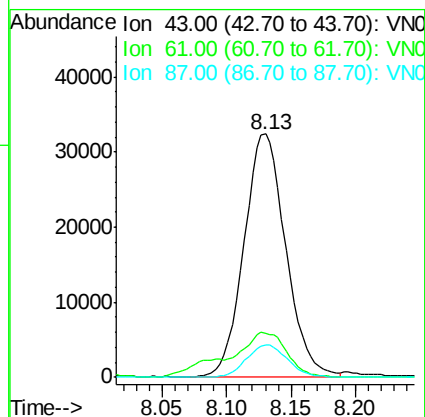
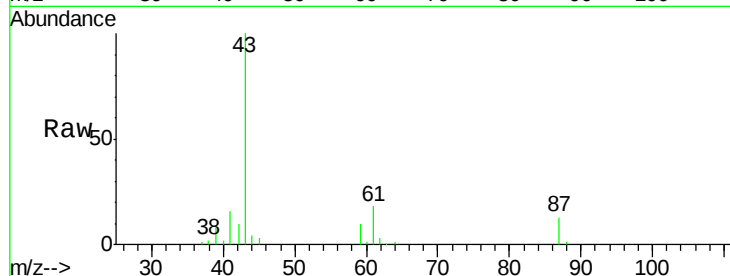
Tgt Ion: 43 Resp: 73419

Ion Ratio Lower Upper

43 100

61 26.1 15.8 23.6#

87 13.2 9.9 14.9



#44

Trichloroethene

Concen: 17.944 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062755.D

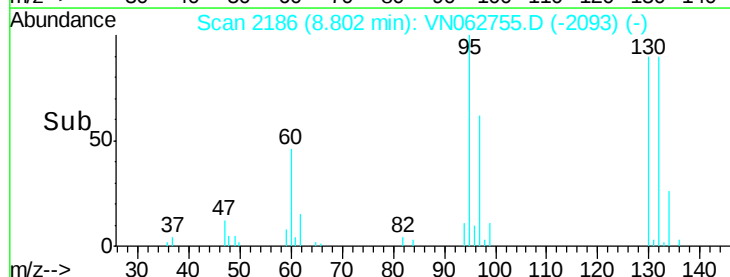
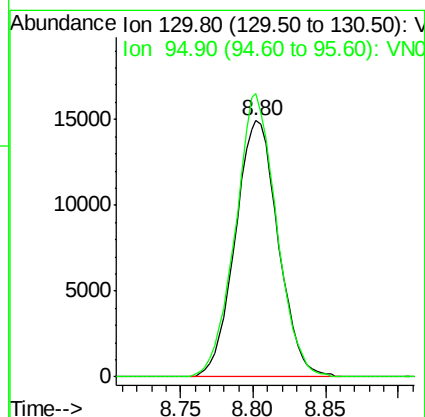
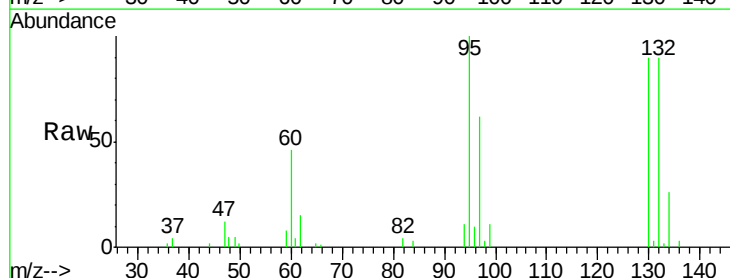
Acq: 5 Aug 2020 11:51

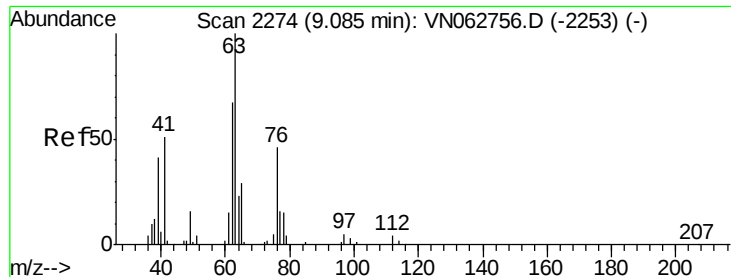
Tgt Ion: 130 Resp: 30665

Ion Ratio Lower Upper

130 100

95 110.6 0.0 207.6





#45

1,2-Dichloropropane

Concen: 16.572 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

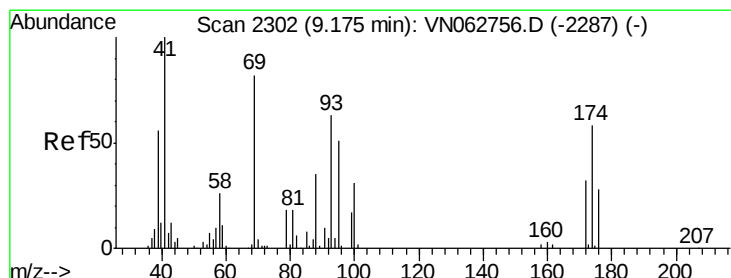
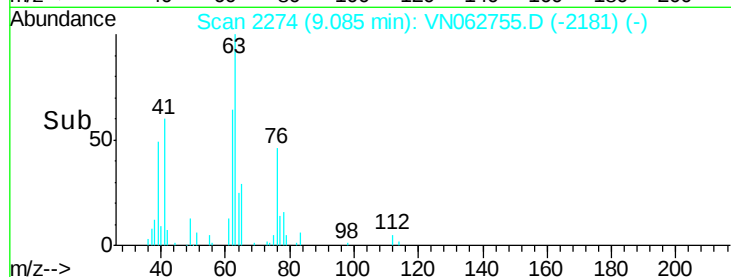
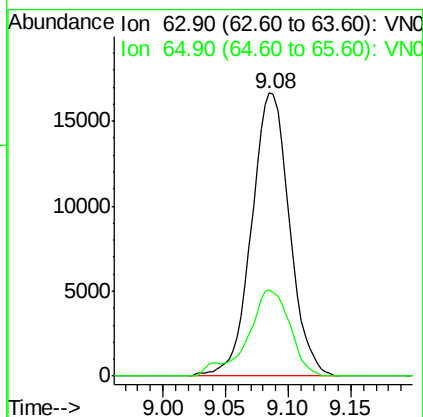
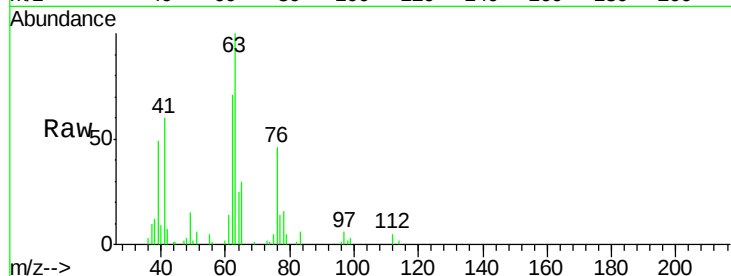
VSTDIC020

Tgt Ion: 63 Resp: 34884

Ion Ratio Lower Upper

63 100

65 30.5 23.5 35.3



#46

Dibromomethane

Concen: 18.274 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

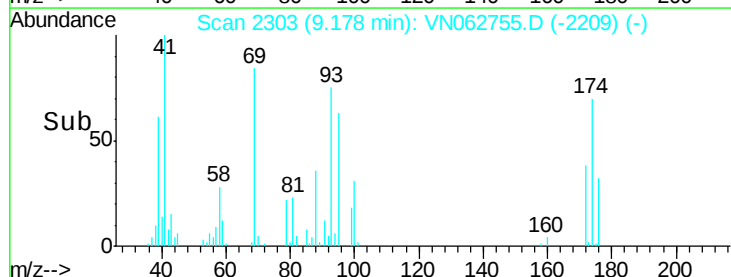
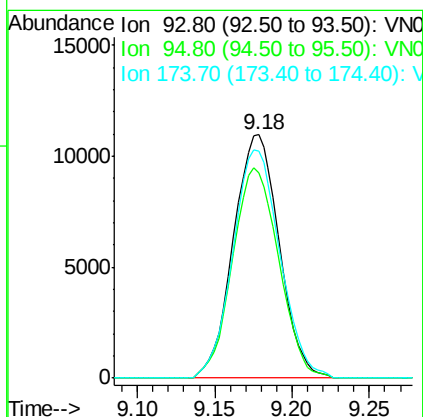
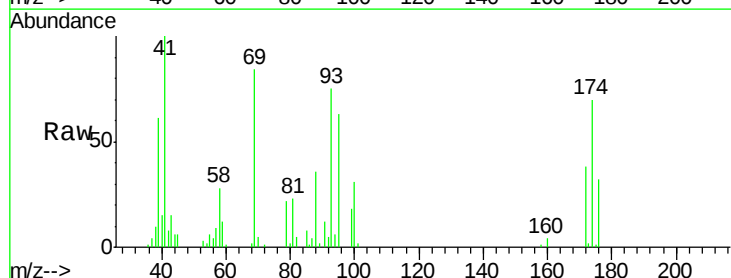
Tgt Ion: 93 Resp: 22609

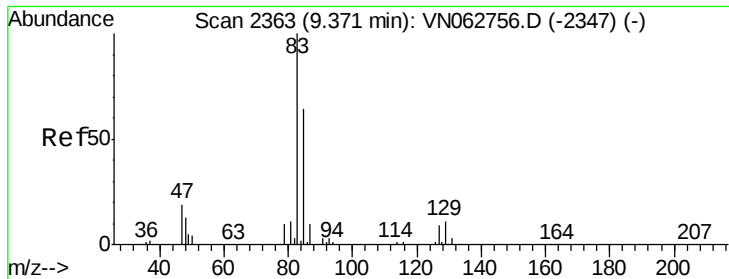
Ion Ratio Lower Upper

93 100

95 87.2 65.1 97.7

174 96.1 73.9 110.9





#47

Bromodichloromethane

Concen: 19.367 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

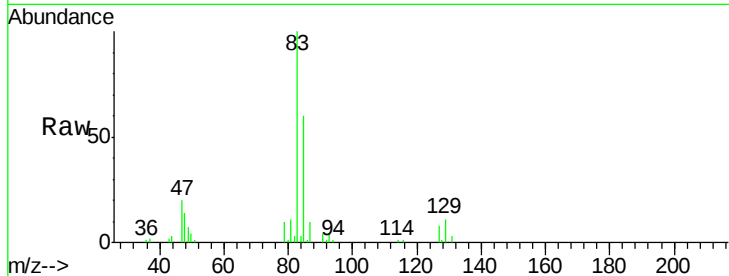
Tgt Ion: 83 Resp: 52524

Ion Ratio Lower Upper

83 100

85 60.4 51.4 77.0

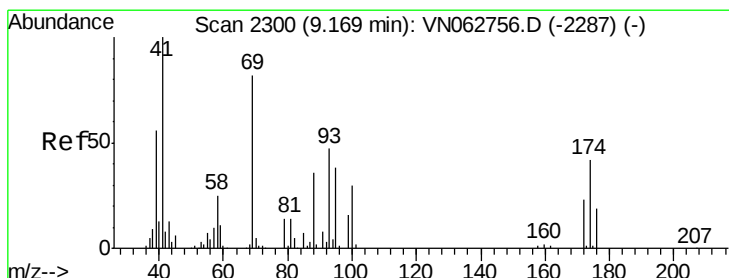
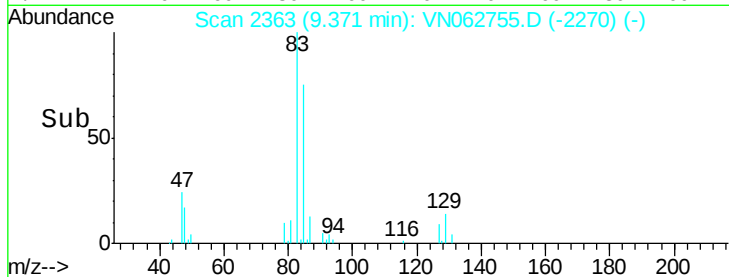
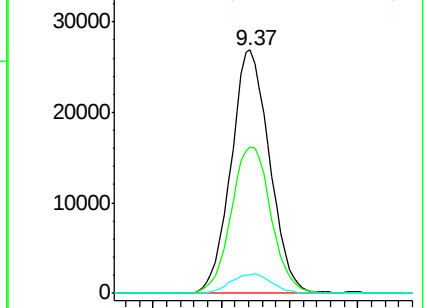
127 7.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062755.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062755.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062755.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.699 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

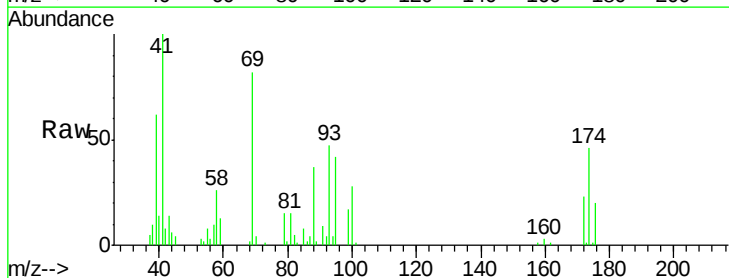
Tgt Ion: 41 Resp: 36551

Ion Ratio Lower Upper

41 100

69 86.4 67.4 101.2

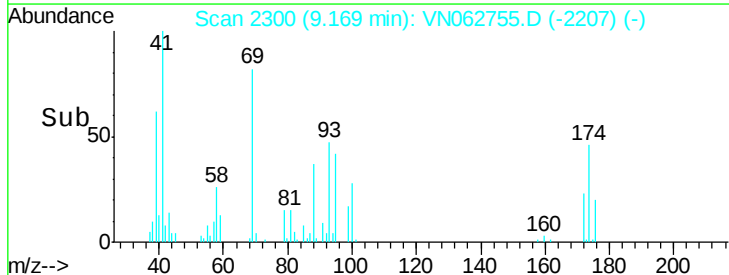
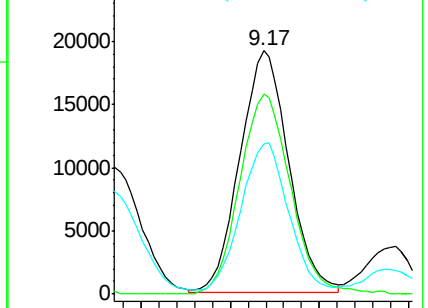
39 62.2 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VN062755.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062755.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062755.D (-2207) (-)





#49

1,4-Dioxane

Concen: 420.691 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

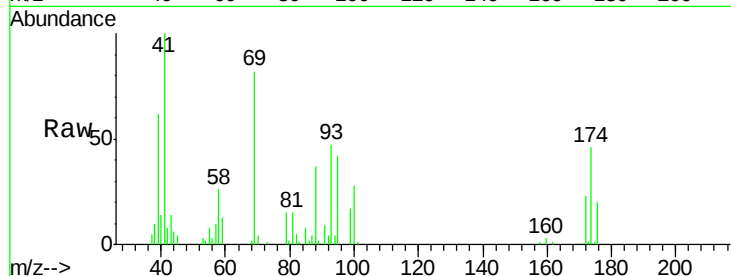
Tgt Ion: 88 Resp: 13902

Ion Ratio Lower Upper

88 100

43 40.2 29.5 44.3

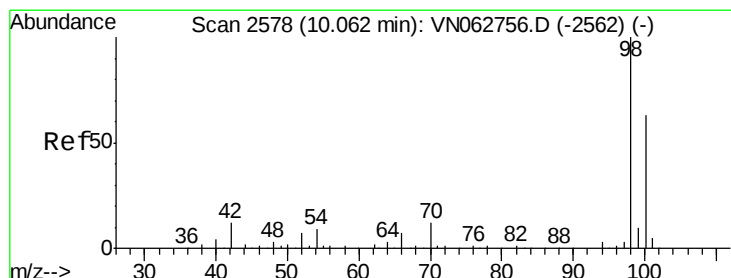
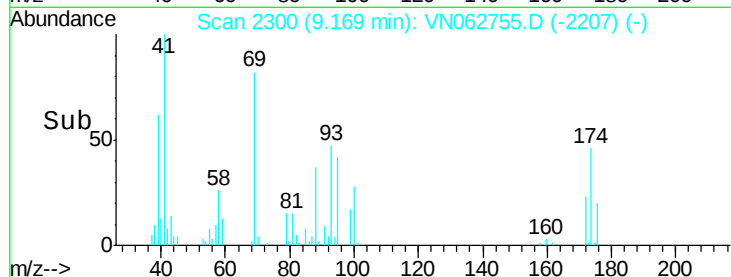
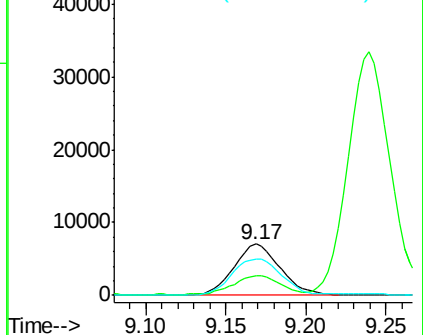
58 75.8 59.8 89.8



Abundance Ion 88.00 (87.70 to 88.70): VN062755.D (-2286) (-)

Ion 43.00 (42.70 to 43.70): VN062755.D (-2286) (-)

Ion 58.00 (57.70 to 58.70): VN062755.D (-2286) (-)



#50

Toluene-d8

Concen: 18.700 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062755.D

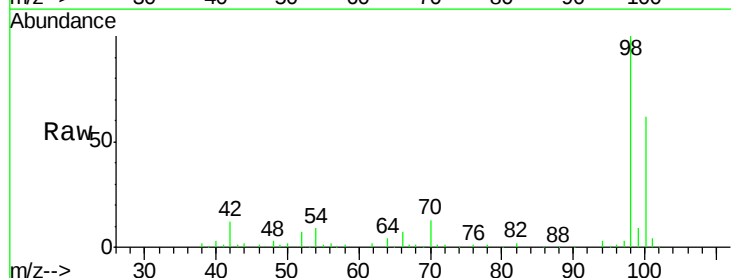
Acq: 5 Aug 2020 11:51

Tgt Ion: 98 Resp: 116595

Ion Ratio Lower Upper

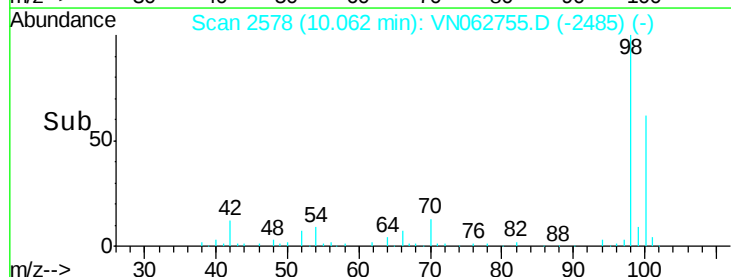
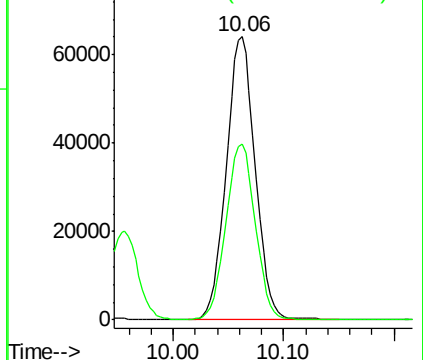
98 100

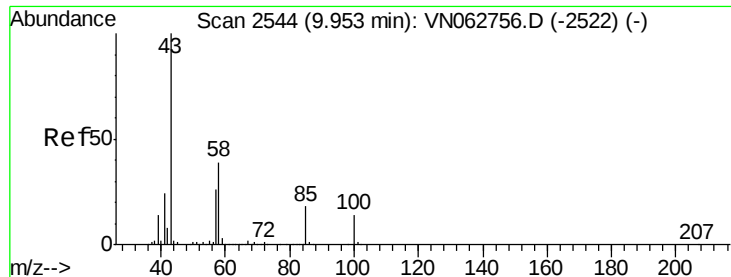
100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062755.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062755.D (-2562) (-)

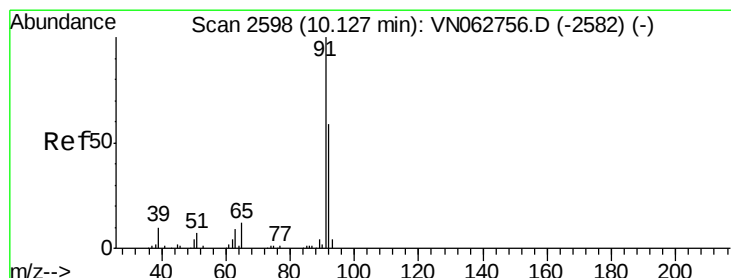
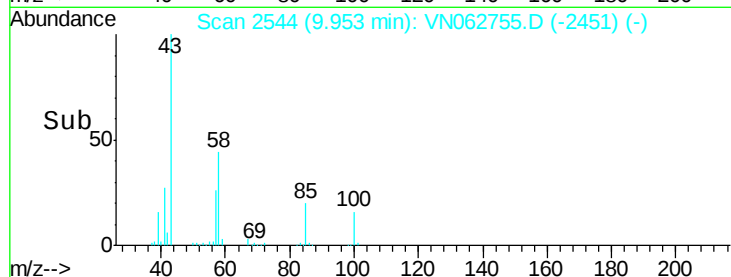
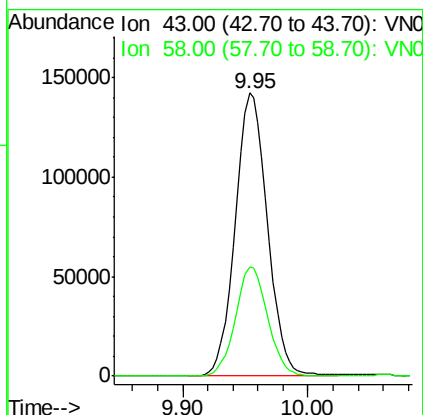
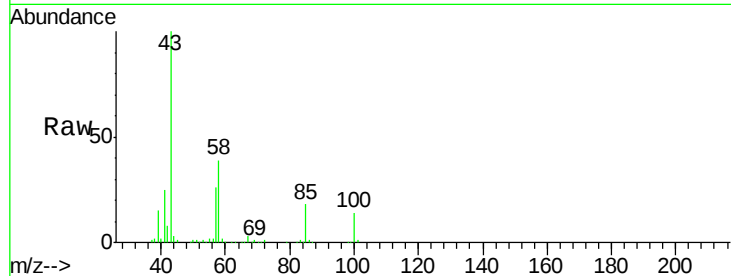




#51
 4-Methyl-2-Pentanone
 Concen: 96.842 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

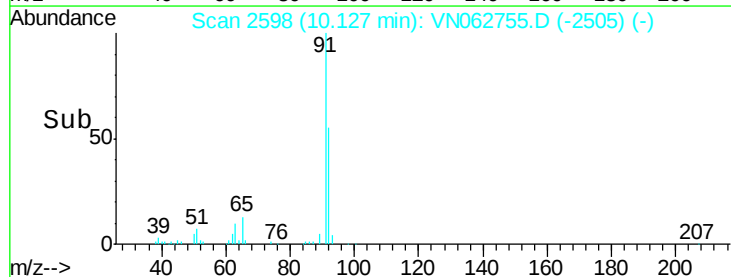
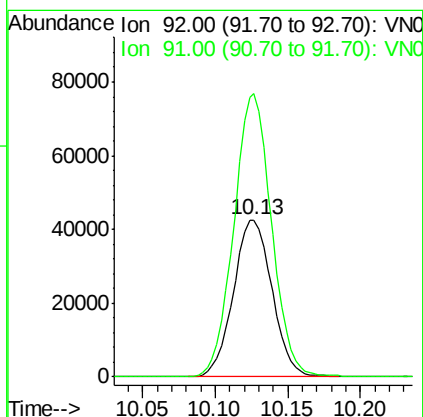
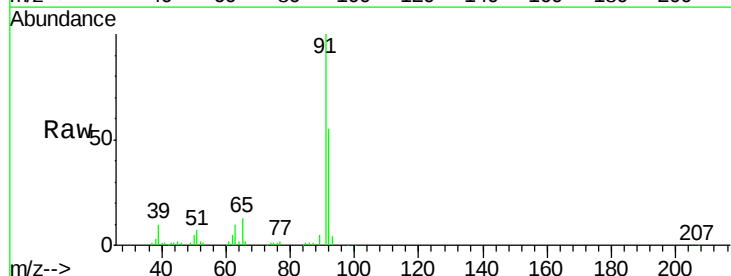
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

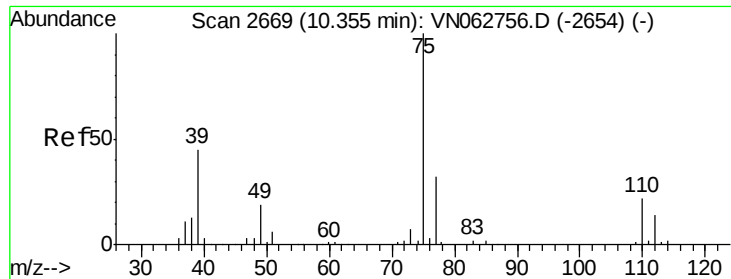
Tgt Ion: 43 Resp: 253905
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.1 46.7



#52
 Toluene
 Concen: 17.851 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Tgt Ion: 92 Resp: 78586
 Ion Ratio Lower Upper
 92 100
 91 176.5 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 18.576 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

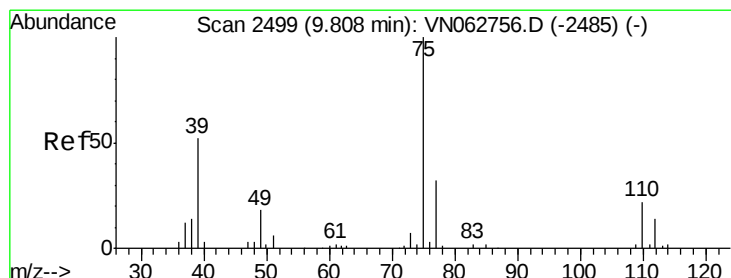
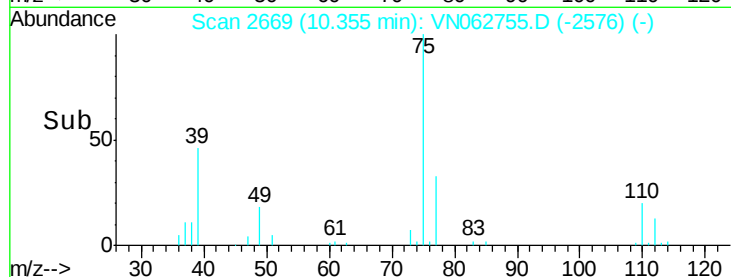
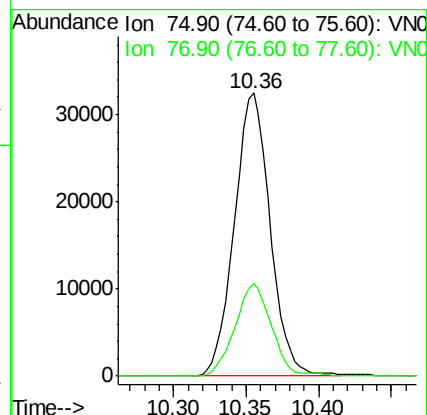
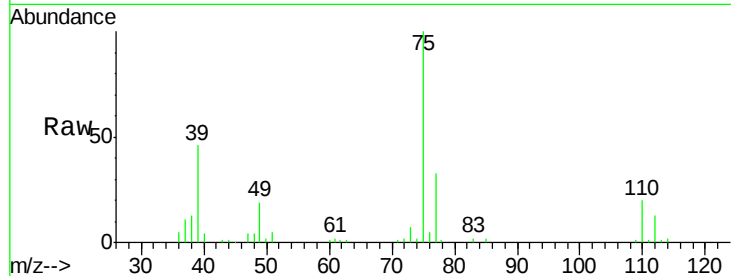
VSTDIC020

Tgt Ion: 75 Resp: 55685

Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.234 ug/l

RT: 9.81 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

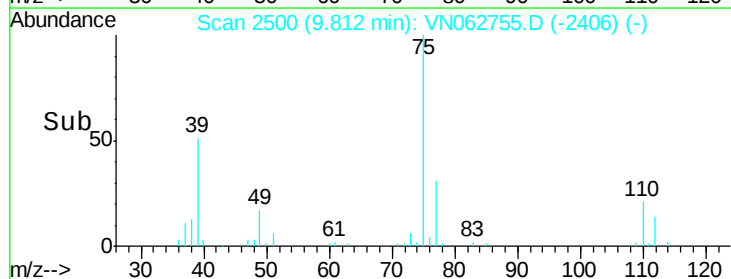
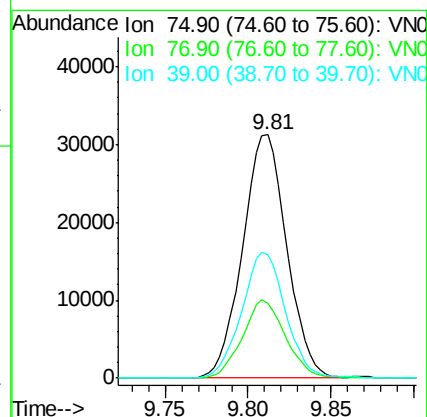
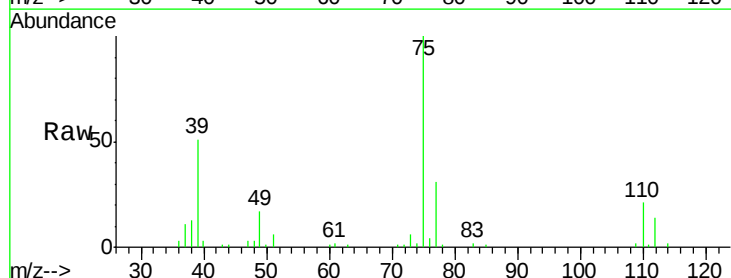
Tgt Ion: 75 Resp: 57822

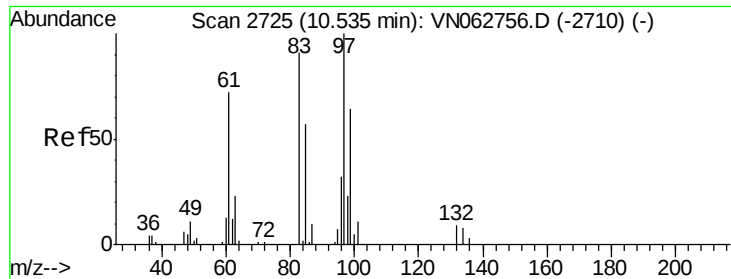
Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

39 50.7 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 19.698 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

Tgt Ion: 97 Resp: 33988

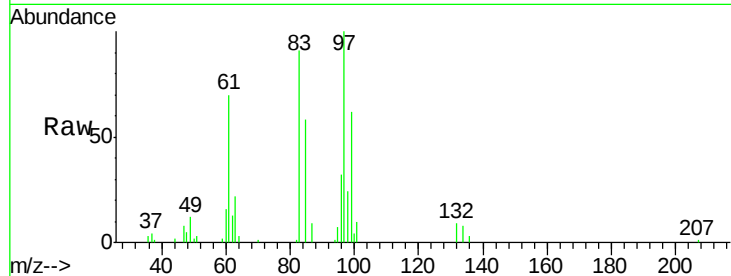
Ion Ratio Lower Upper

97 100

83 90.9 72.6 108.8

85 58.0 46.0 69.0

99 61.6 51.1 76.7

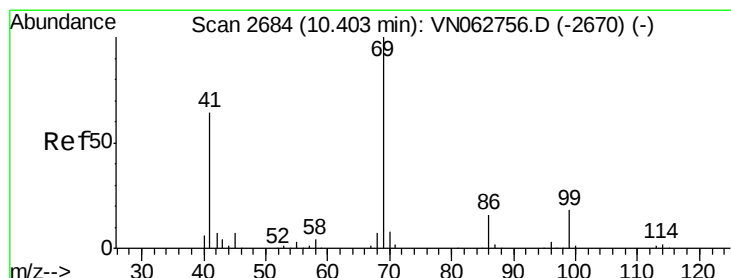
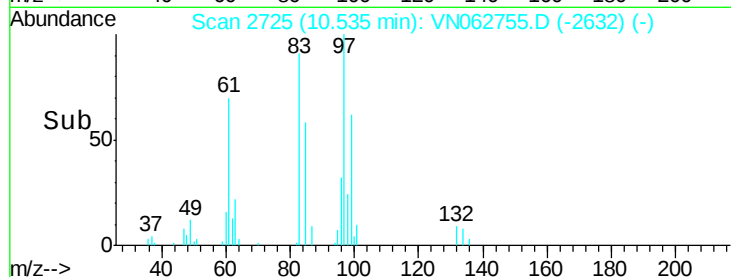
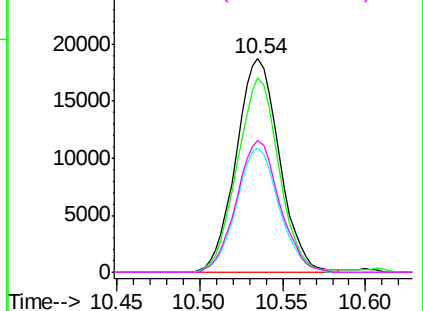


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.361 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

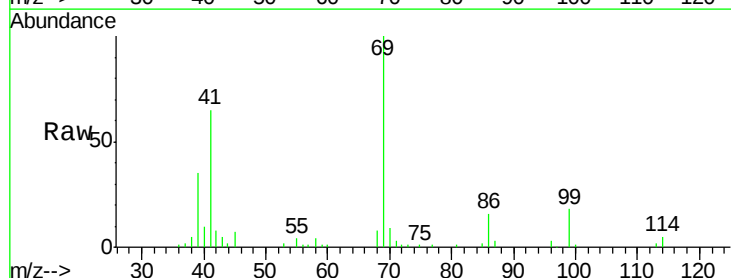
Tgt Ion: 69 Resp: 50538

Ion Ratio Lower Upper

69 100

41 69.4 52.2 78.2

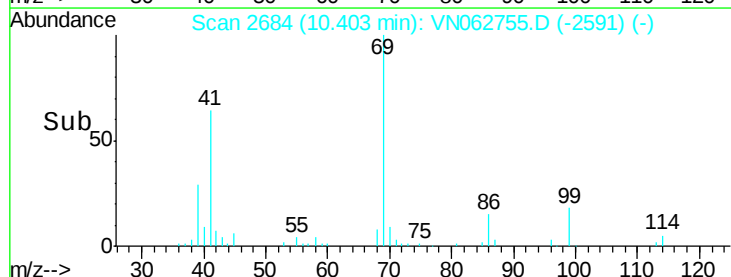
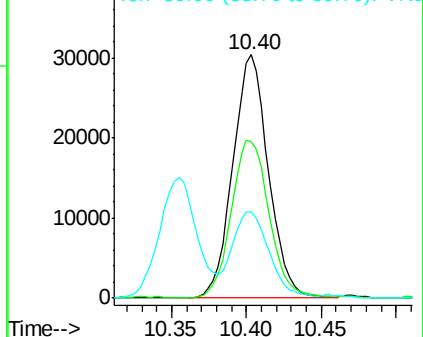
39 35.8 30.9 46.3

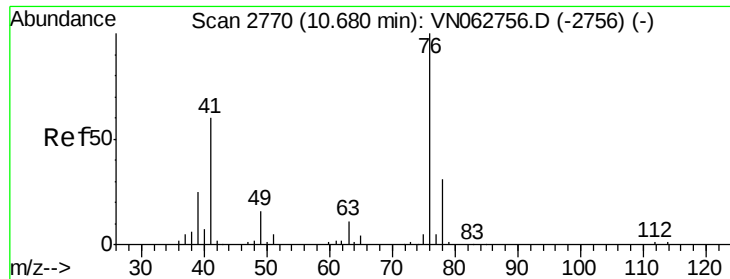


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

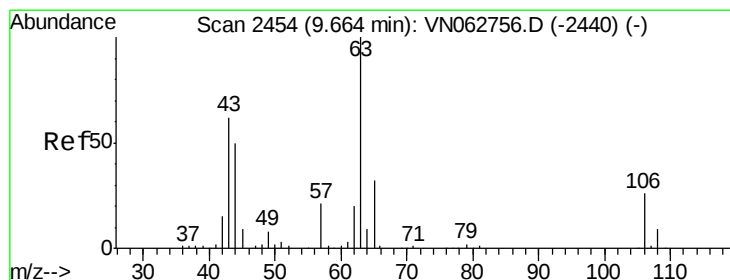
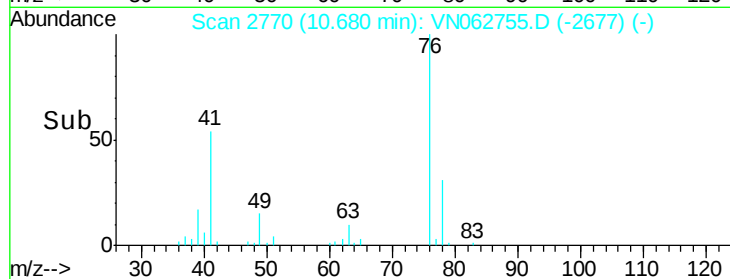
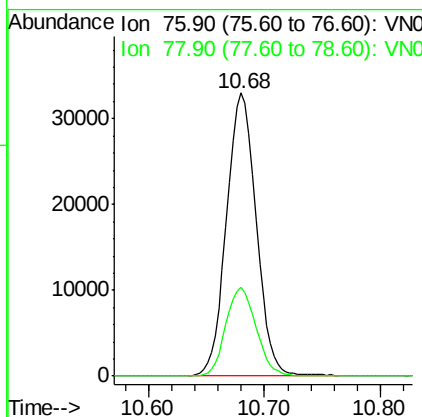
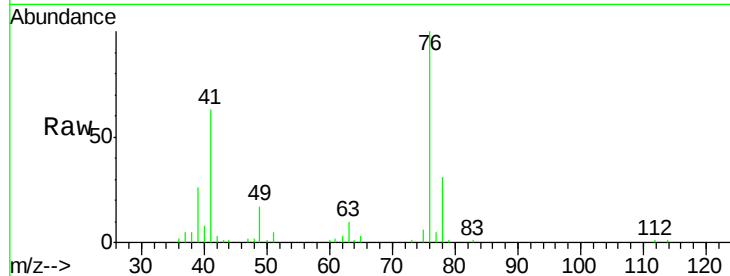




#57
 1,3-Dichloropropane
 Concen: 18.588 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

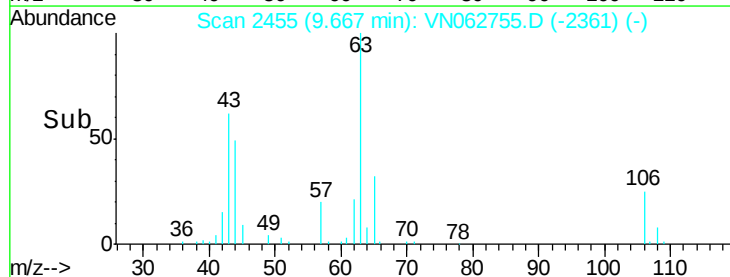
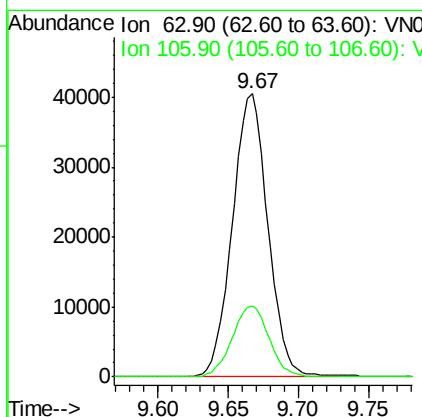
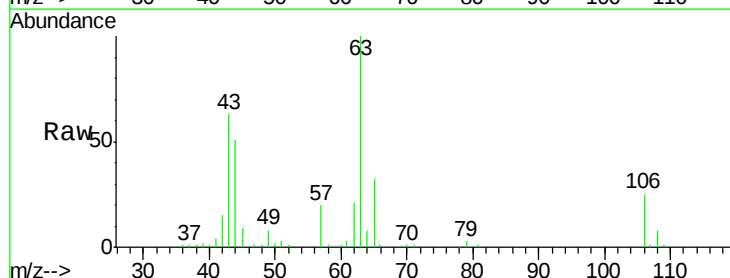
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

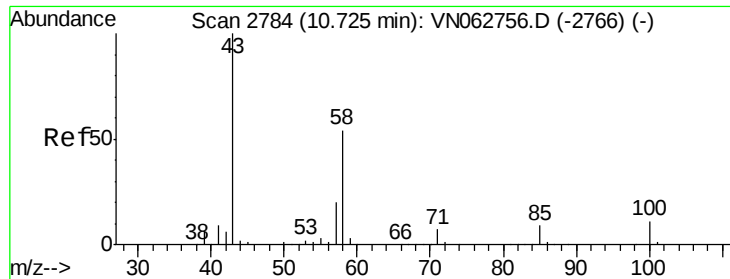
Tgt Ion: 76 Resp: 58450
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.091 ug/l
 RT: 9.67 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Tgt Ion: 63 Resp: 71453
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.9 31.3

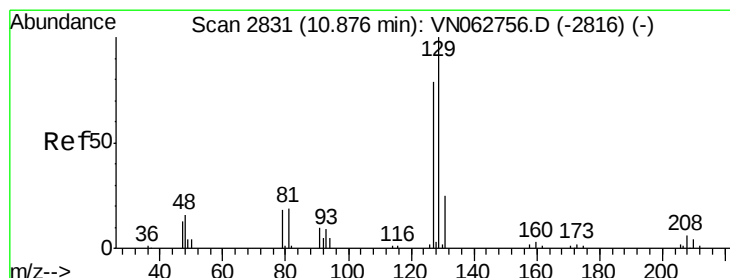
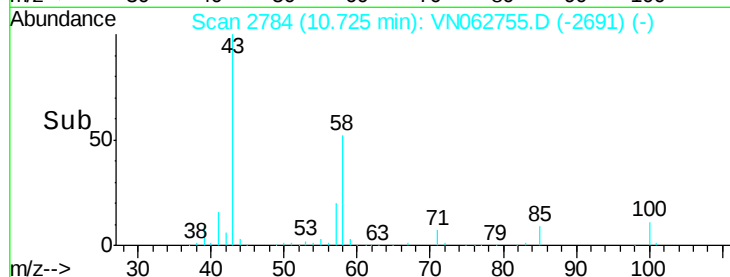
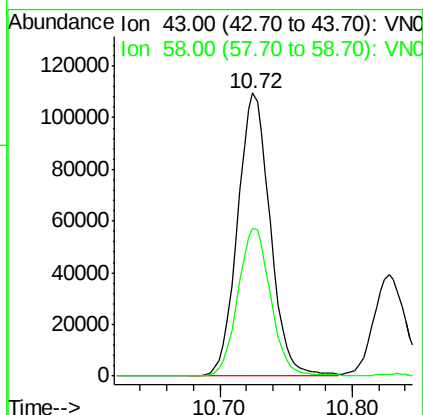
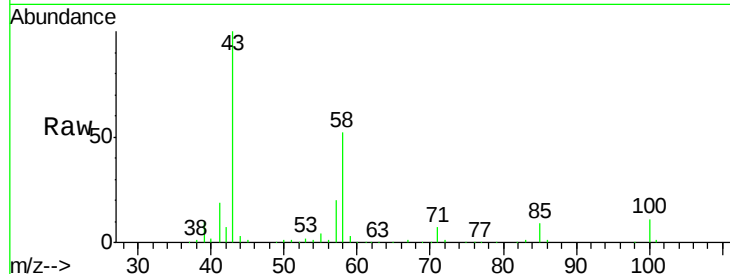




#59
2-Hexanone
Concen: 99.108 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

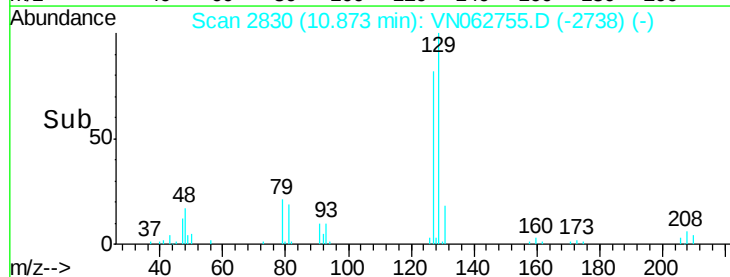
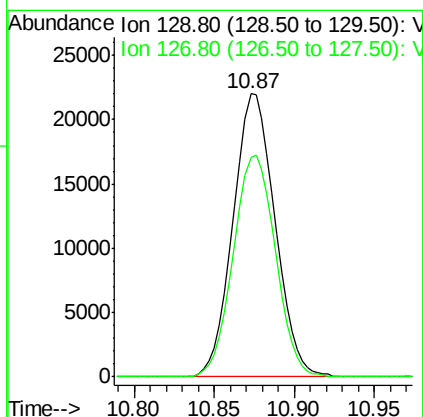
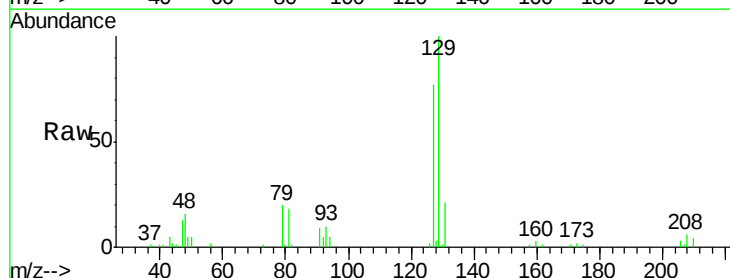
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

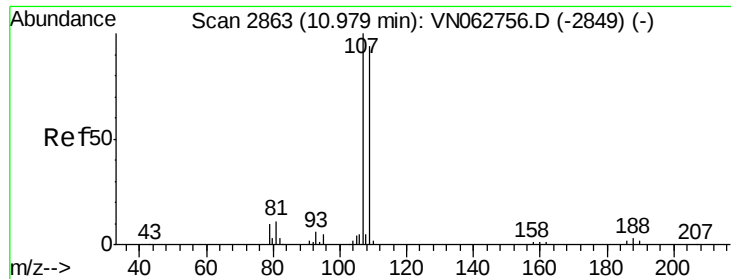
Tgt Ion: 43 Resp: 185764
Ion Ratio Lower Upper
43 100
58 53.2 26.7 80.1



#60
Dibromochloromethane
Concen: 20.241 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Tgt Ion: 129 Resp: 39318
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2

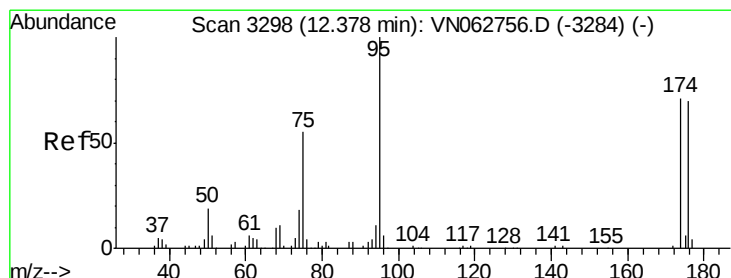
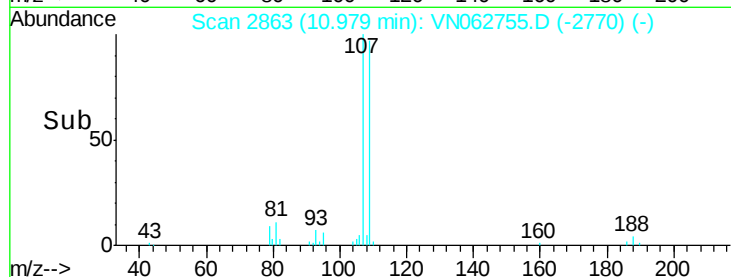
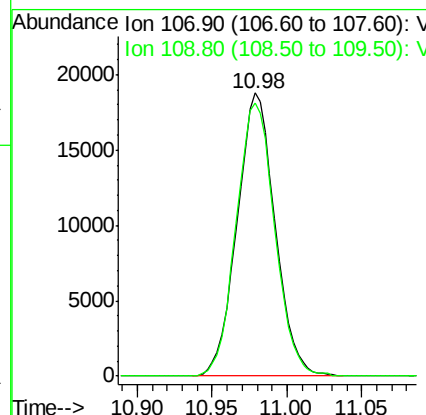
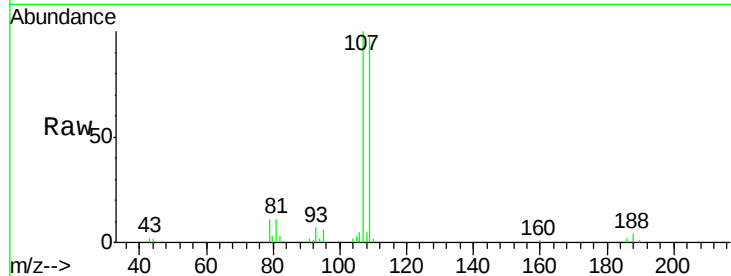




#61
 1,2-Dibromoethane
 Concen: 18.535 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

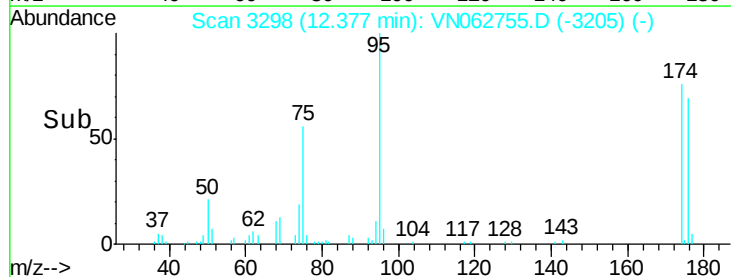
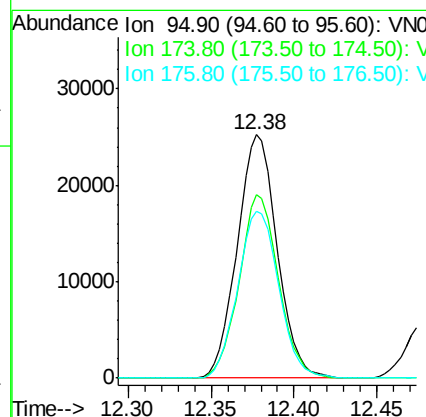
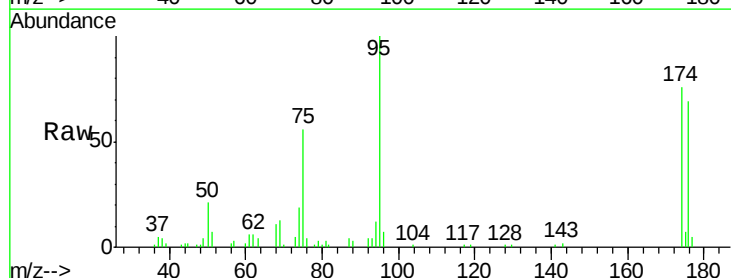
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

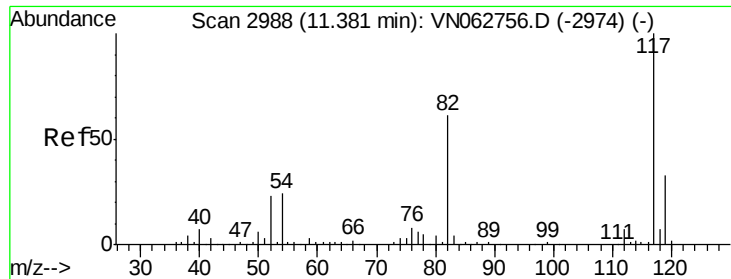
Tgt Ion: 107 Resp: 33199
 Ion Ratio Lower Upper
 107 100
 109 98.0 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 18.381 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Tgt Ion: 95 Resp: 42194
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 144.8
 176 70.5 0.0 142.2

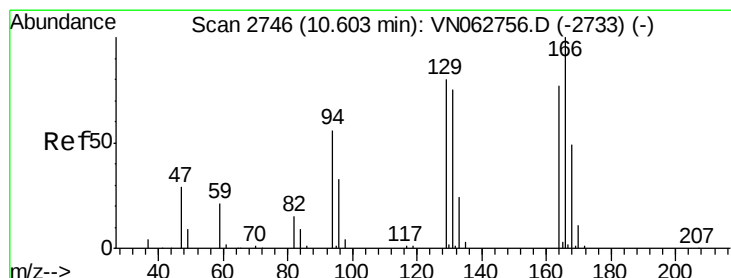
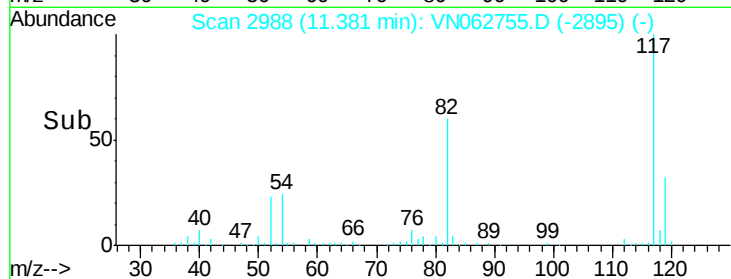
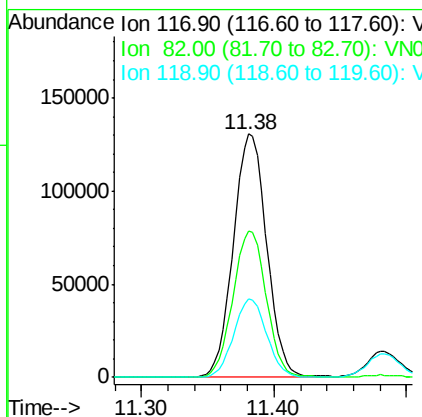
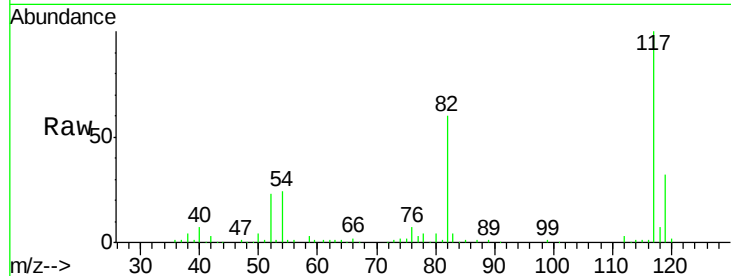




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

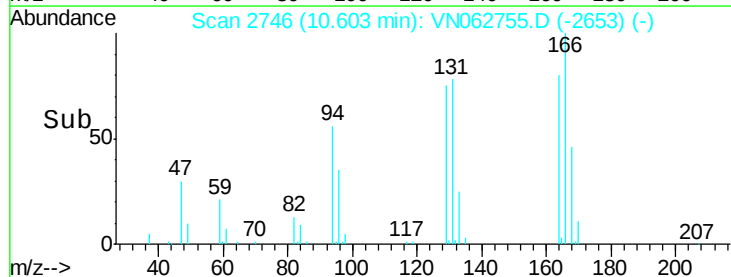
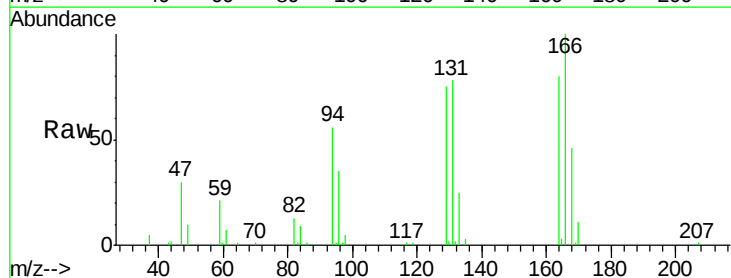
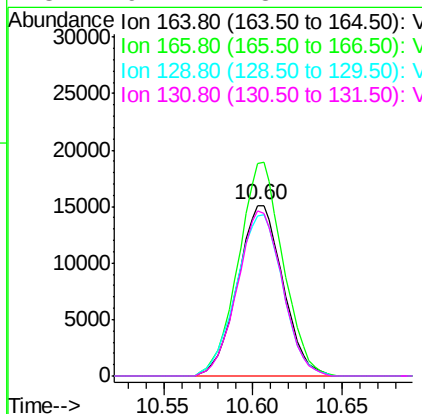
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

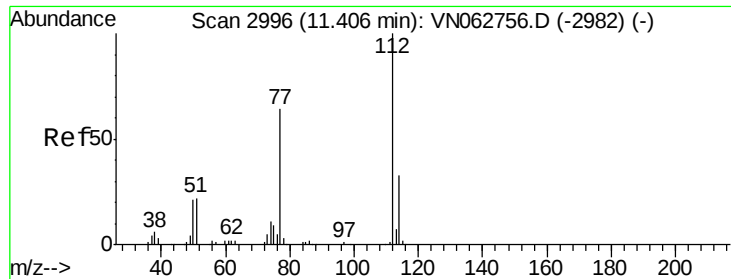
Tgt Ion:117 Resp: 228876
Ion Ratio Lower Upper
117 100
82 60.4 49.0 73.4
119 32.2 26.2 39.2



#64
Tetrachloroethene
Concen: 18.004 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Tgt Ion:164 Resp: 26743
Ion Ratio Lower Upper
164 100
166 124.8 103.8 155.8
129 94.2 82.7 124.1
131 97.2 78.2 117.2

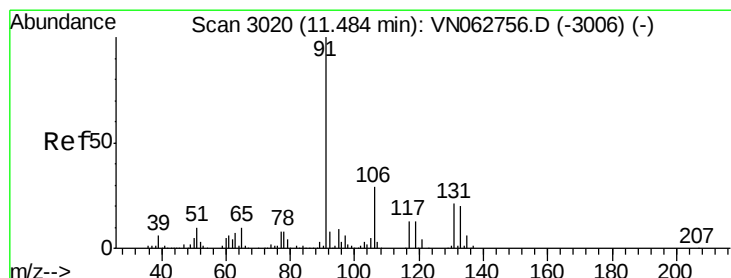
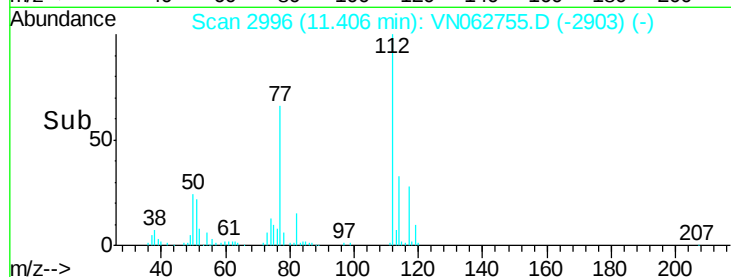
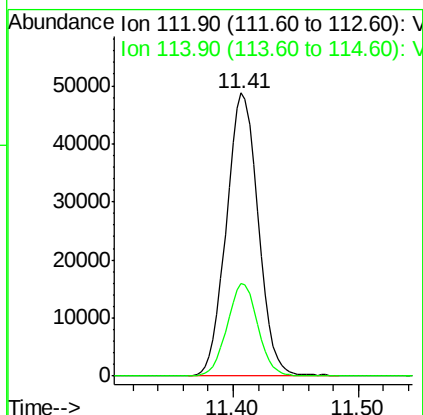
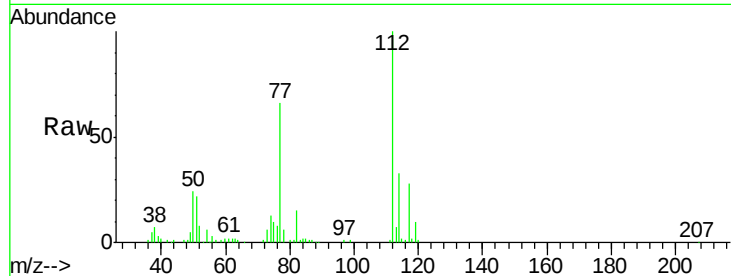




#65
Chlorobenzene
Concen: 17.963 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

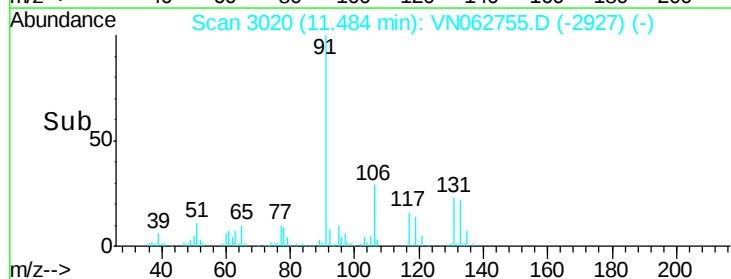
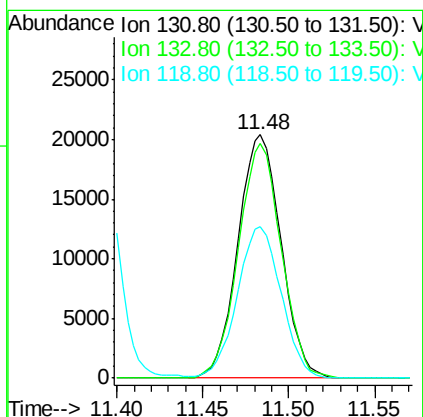
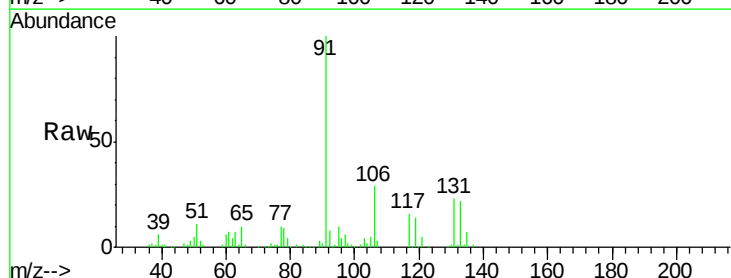
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

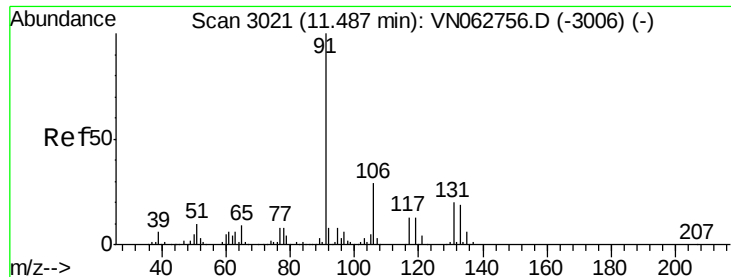
Tgt Ion:112 Resp: 85994
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.466 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Tgt Ion:131 Resp: 35599
Ion Ratio Lower Upper
131 100
133 95.8 48.6 145.8
119 63.4 32.2 96.6

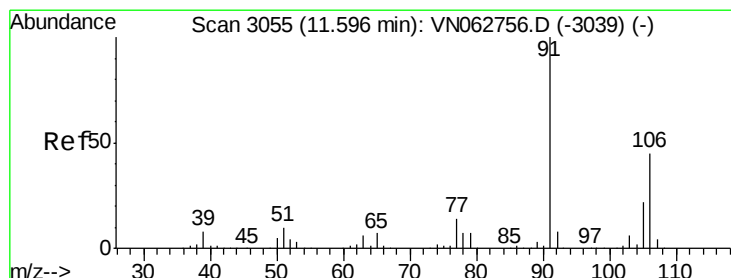
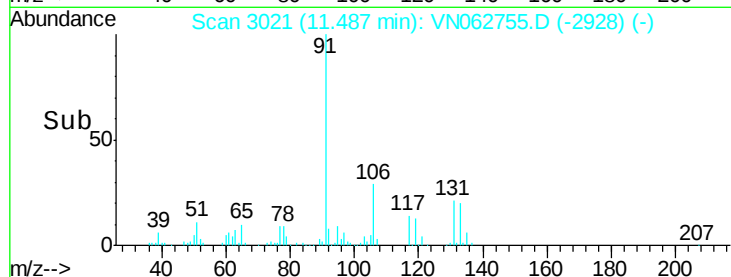
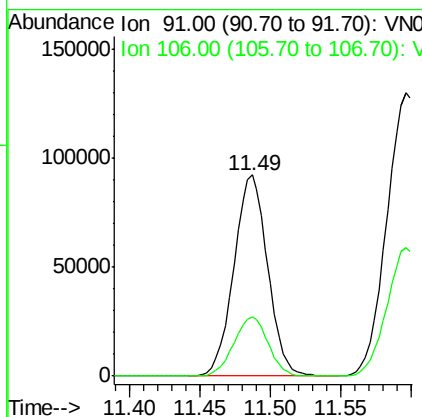
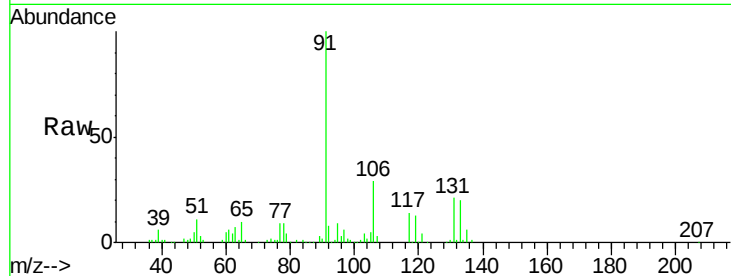




#67
Ethyl Benzene
Concen: 17.659 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

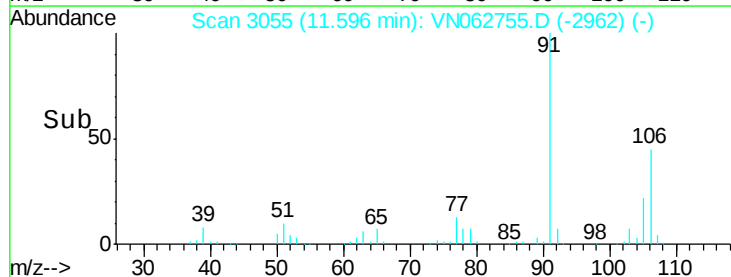
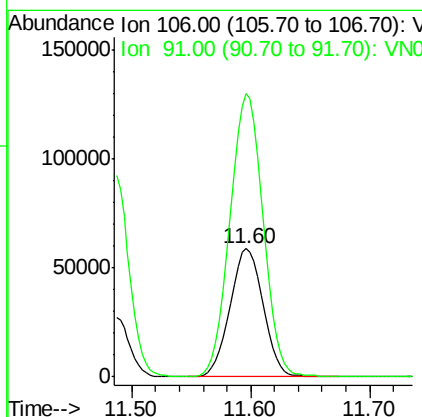
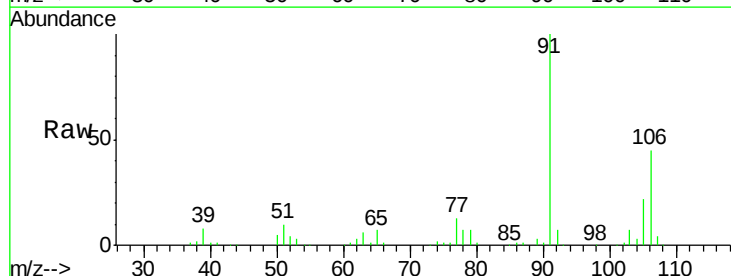
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tgt Ion: 91 Resp: 154903
Ion Ratio Lower Upper
91 100
106 29.3 23.2 34.8



#68
m/p-Xylenes
Concen: 36.122 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Tgt Ion: 106 Resp: 114175
Ion Ratio Lower Upper
106 100
91 218.9 175.9 263.9

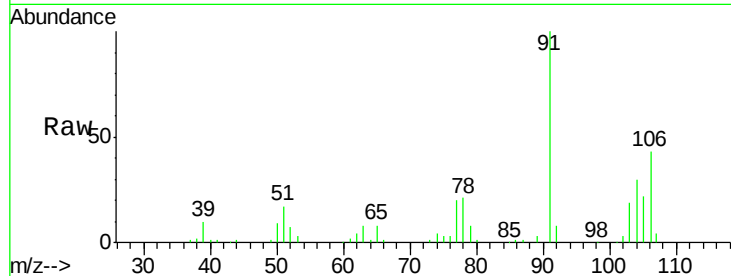




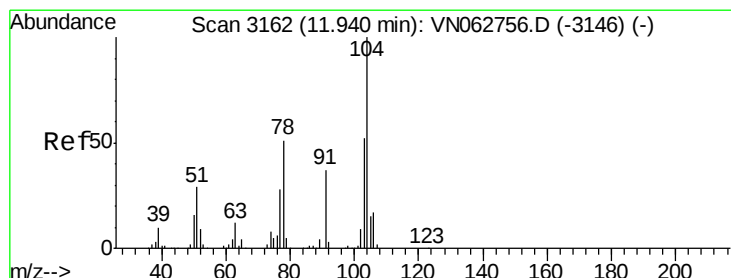
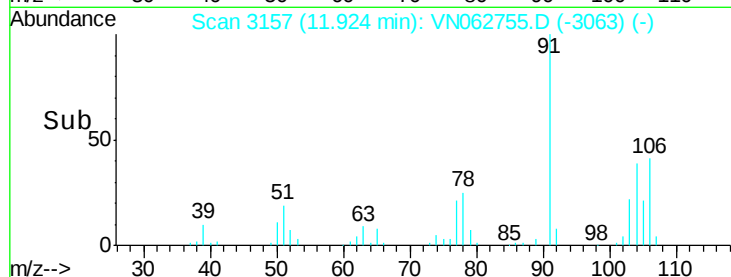
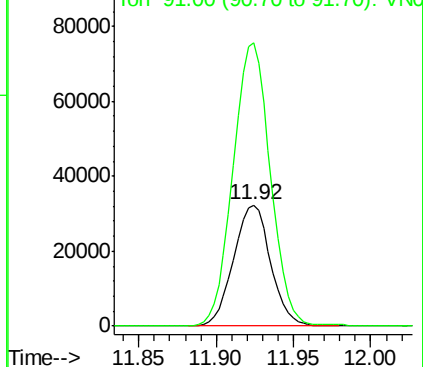
#69
o-Xylene
Concen: 17.905 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 53841
Ion Ratio Lower Upper
106 100
91 235.7 115.8 347.4

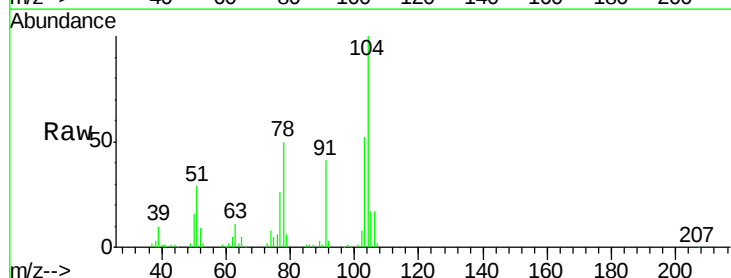


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

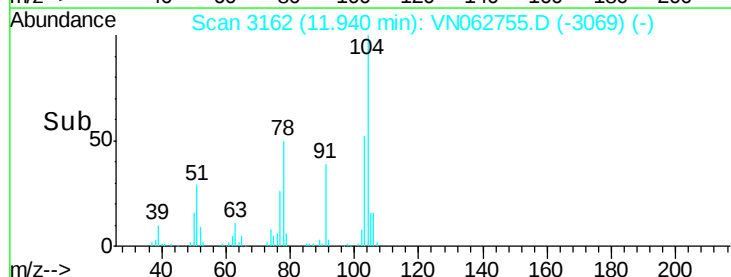
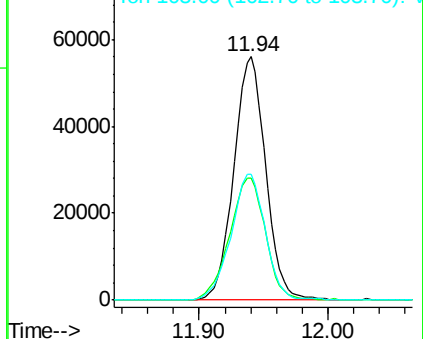


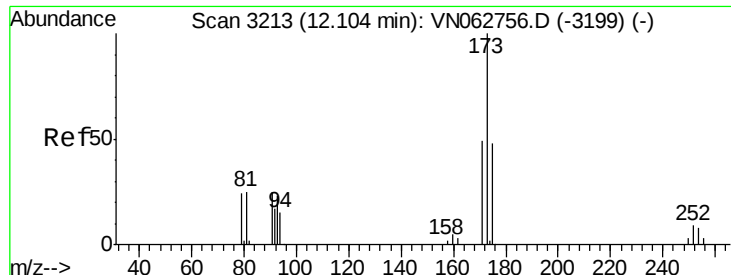
#70
Styrene
Concen: 18.930 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Tgt Ion:104 Resp: 96537
Ion Ratio Lower Upper
104 100
78 56.1 45.9 68.9
103 55.7 45.1 67.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.323 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

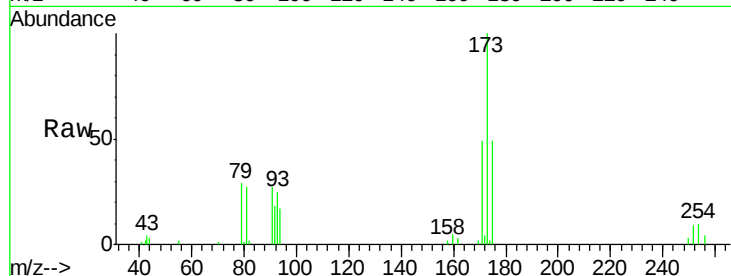
Tgt Ion:173 Resp: 28239

Ion Ratio Lower Upper

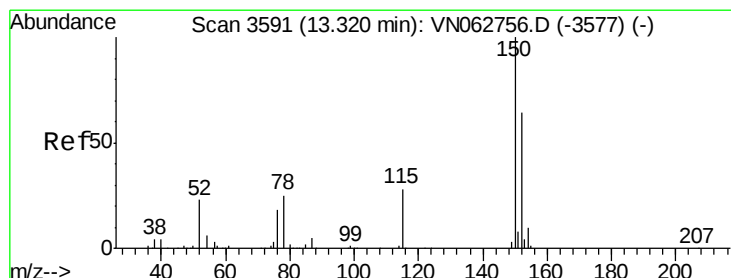
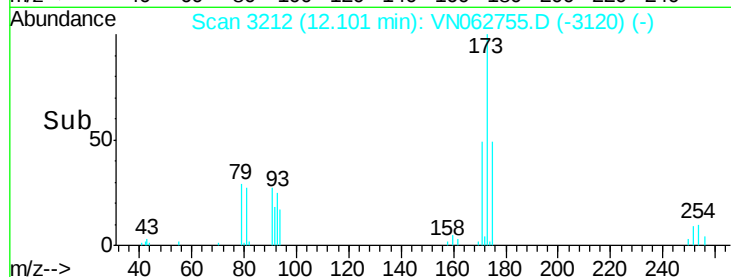
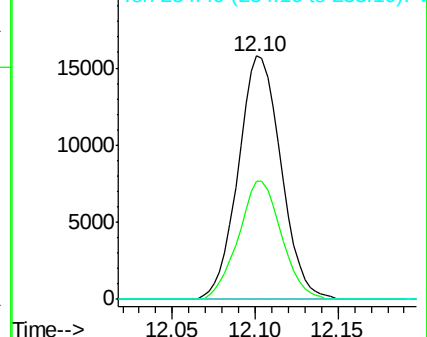
173 100

175 48.9 24.0 72.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

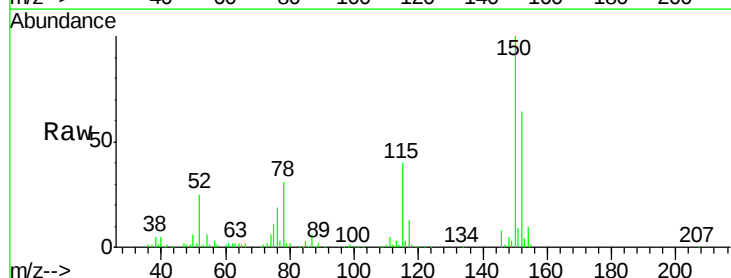
Tgt Ion:152 Resp: 104918

Ion Ratio Lower Upper

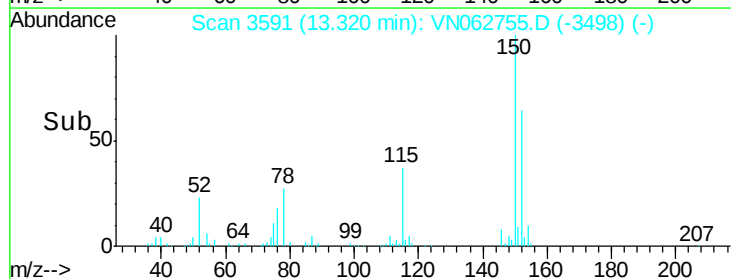
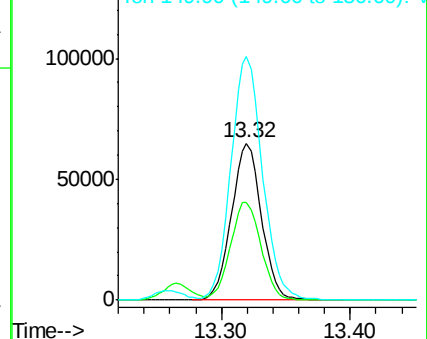
152 100

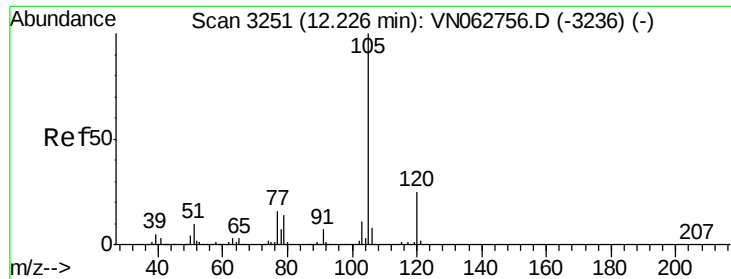
115 63.7 31.6 94.8

150 162.5 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.681 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

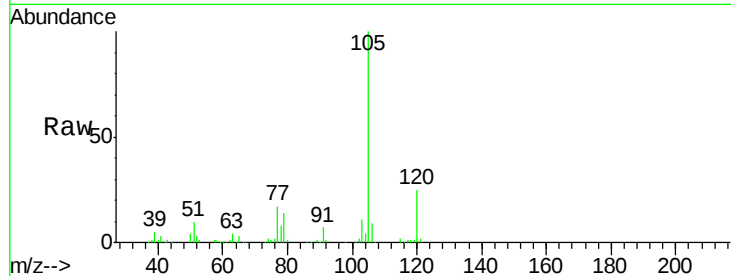
VSTDIC020

Tgt Ion: 105 Resp: 154313

Ion Ratio Lower Upper

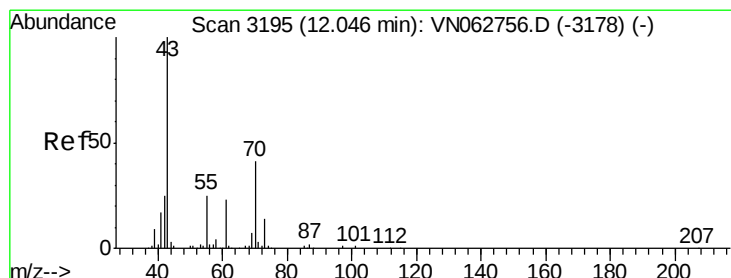
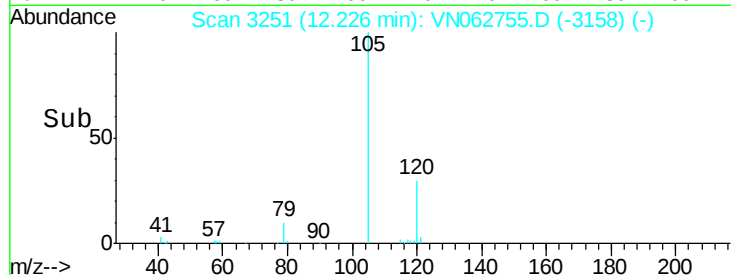
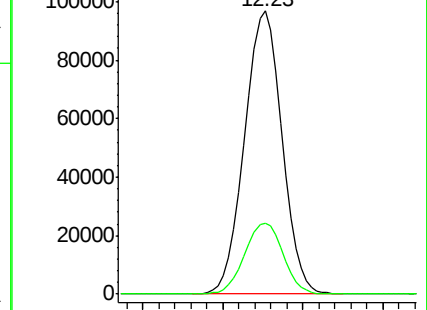
105 100

120 25.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.522 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Tgt Ion: 43 Resp: 63200

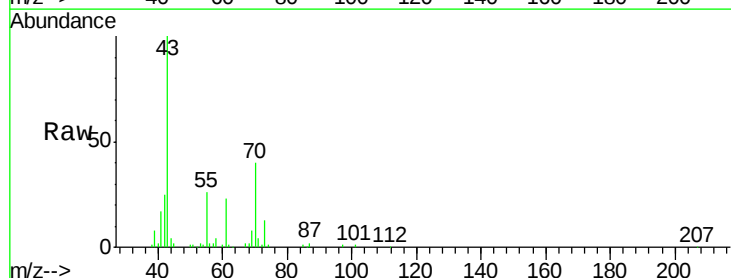
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 26.0 20.2 30.2

61 23.3 18.2 27.4

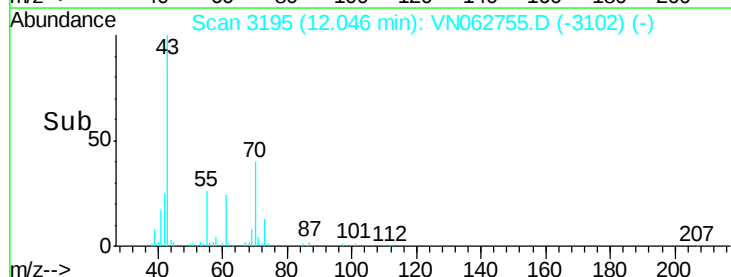
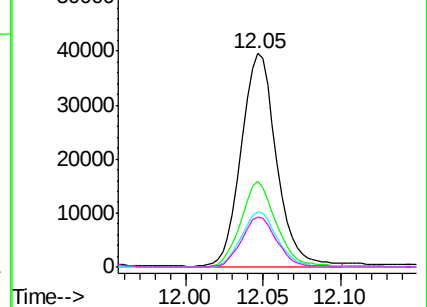


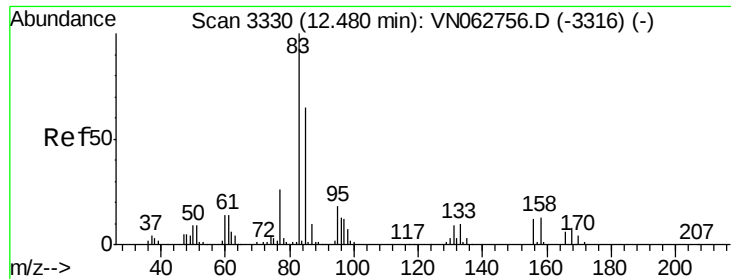
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.725 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

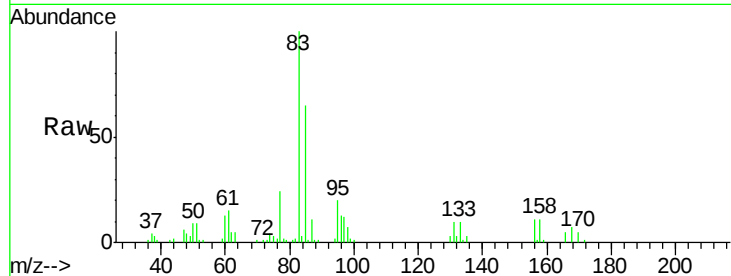
Tgt Ion: 83 Resp: 53564

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

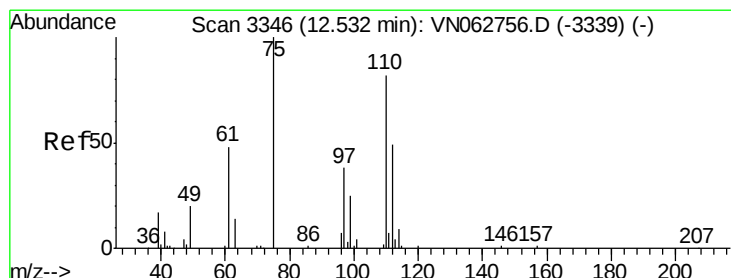
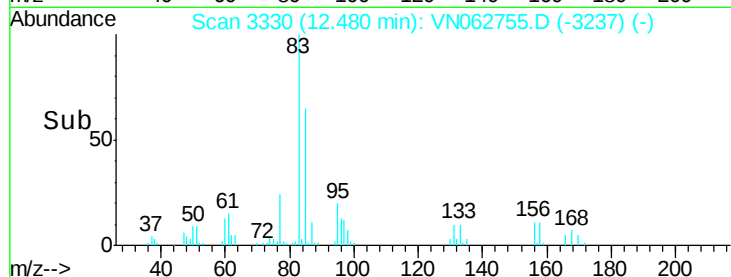
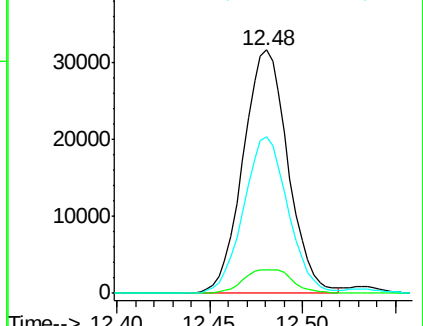
85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.264 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062755.D

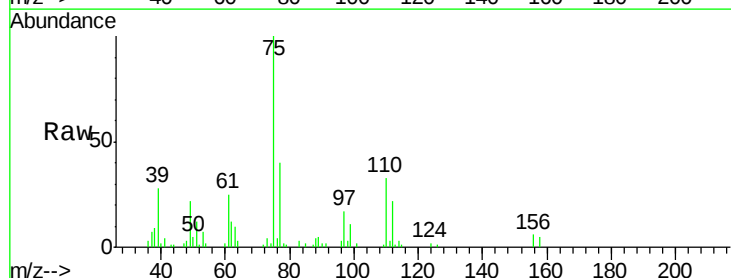
Acq: 5 Aug 2020 11:51

Tgt Ion: 75 Resp: 70464

Ion Ratio Lower Upper

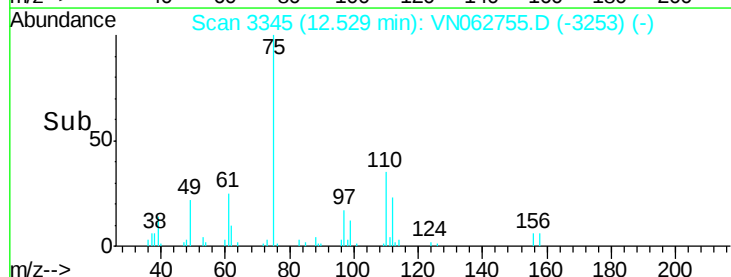
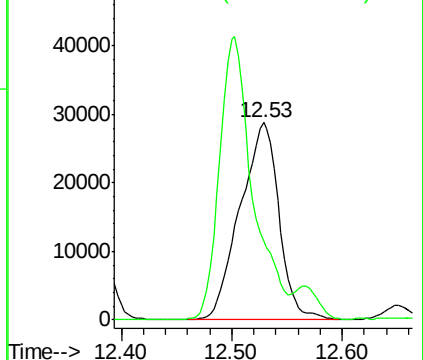
75 100

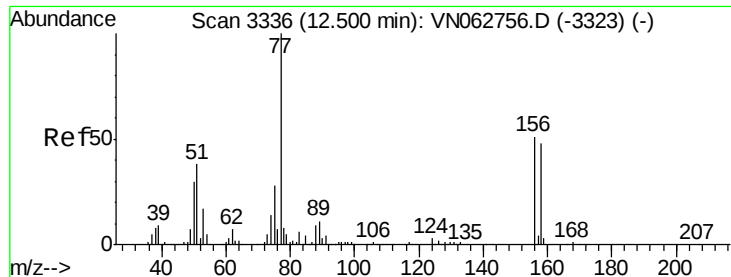
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.913 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

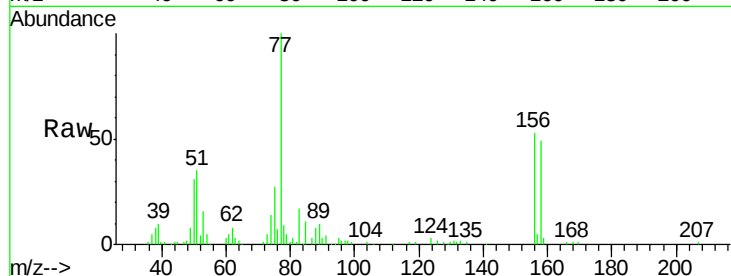
Tgt Ion:156 Resp: 37616

Ion Ratio Lower Upper

156 100

77 231.1 119.7 359.1

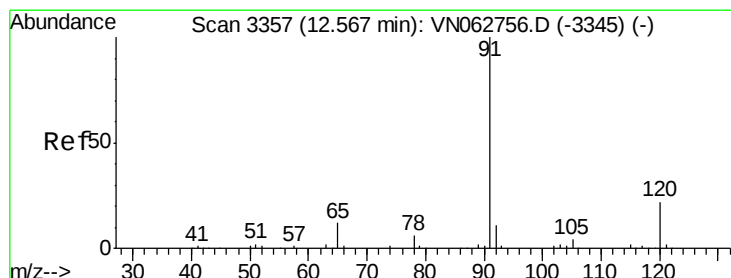
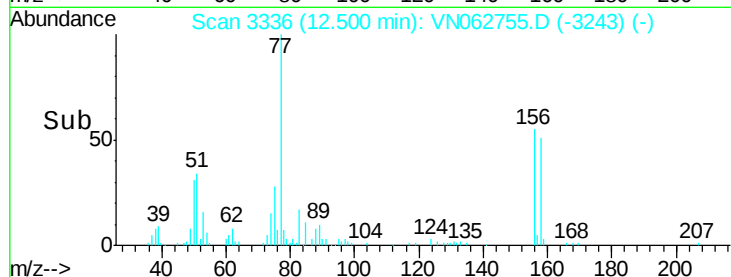
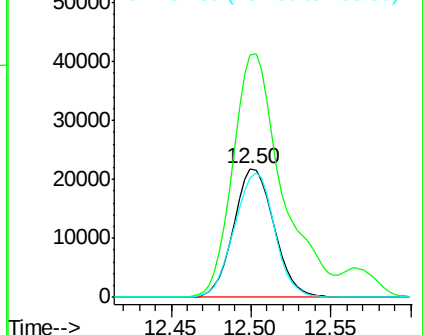
158 96.2 48.1 144.3



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: 18.415 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062755.D

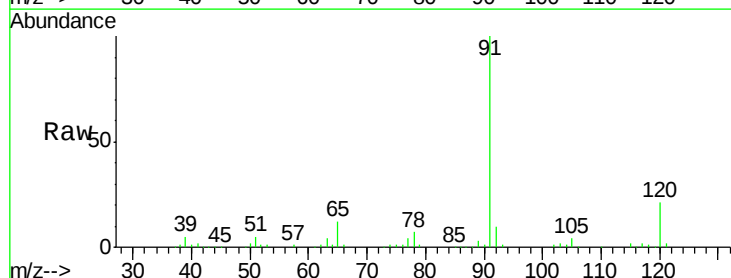
Acq: 5 Aug 2020 11:51

Tgt Ion: 91 Resp: 177830

Ion Ratio Lower Upper

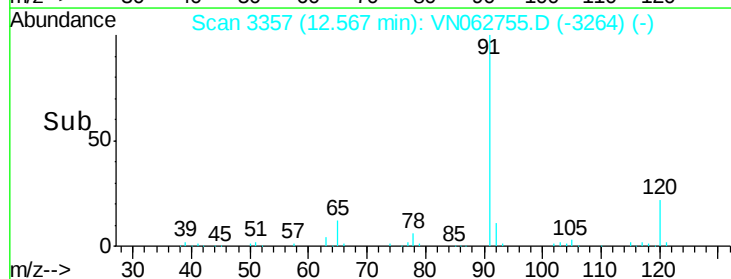
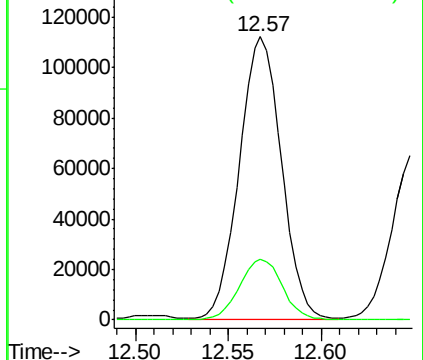
91 100

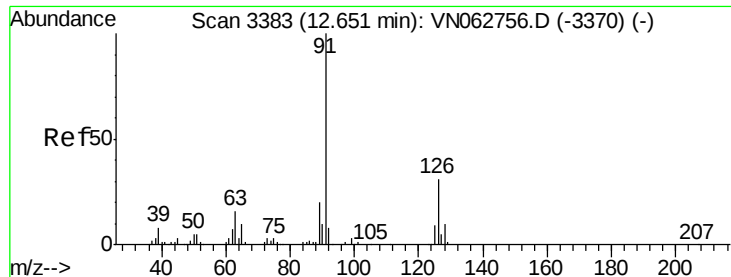
120 21.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.622 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

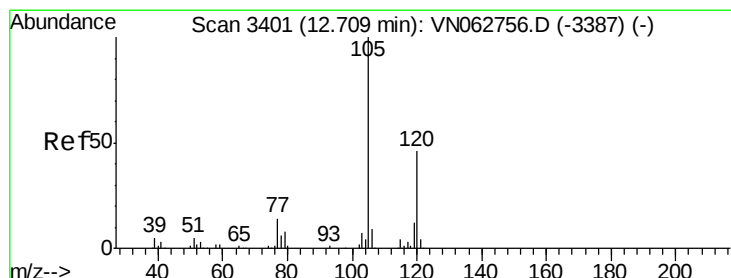
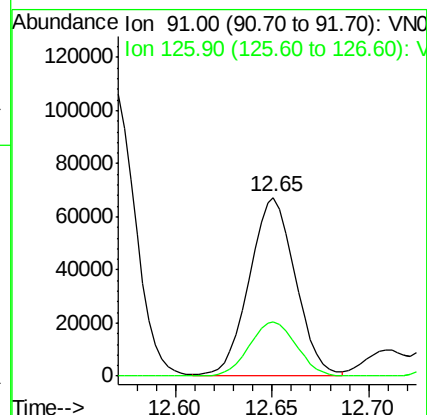
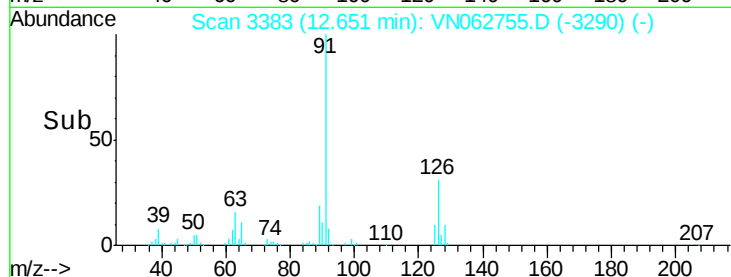
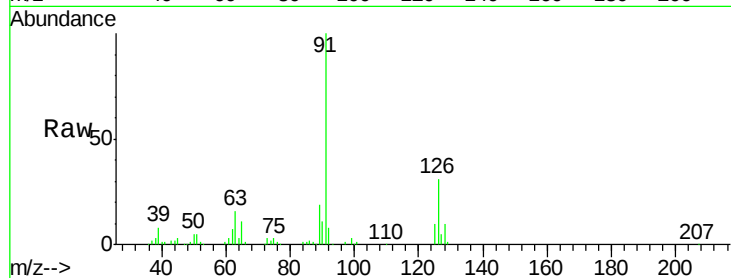
VSTDIC020

Tgt Ion: 91 Resp: 111101

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 19.248 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062755.D

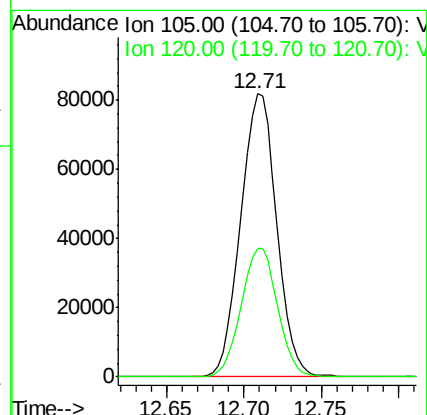
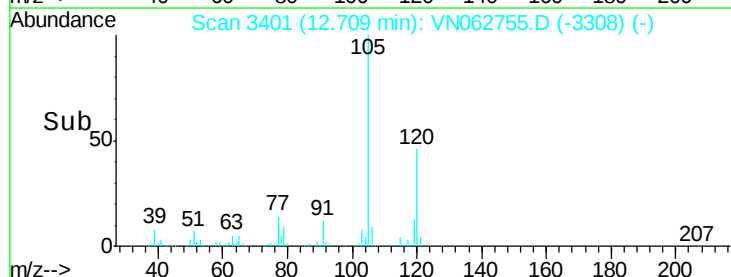
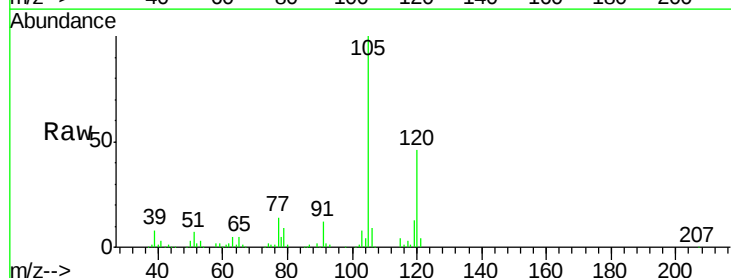
Acq: 5 Aug 2020 11:51

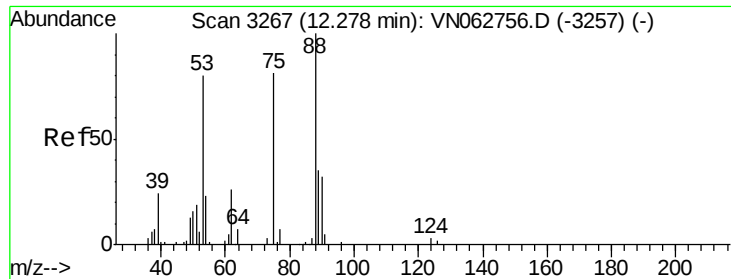
Tgt Ion: 105 Resp: 132491

Ion Ratio Lower Upper

105 100

120 45.9 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 18.666 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

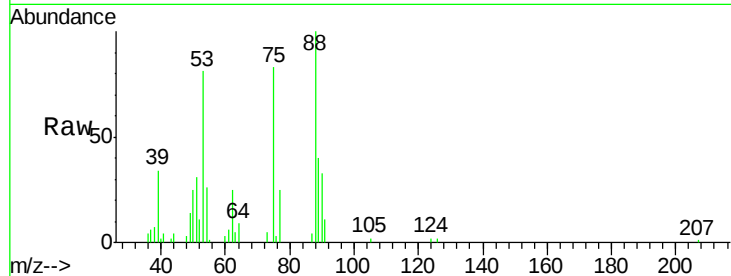
Tgt Ion: 75 Resp: 17911

Ion Ratio Lower Upper

75 100

53 101.4 79.1 118.7

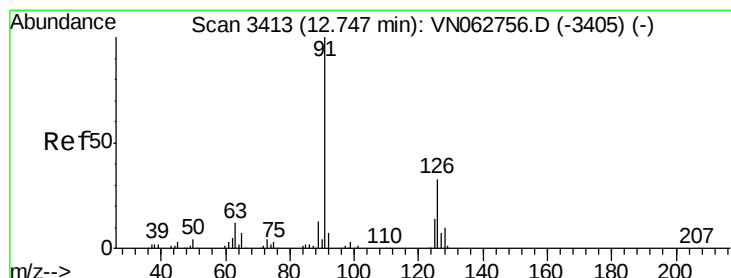
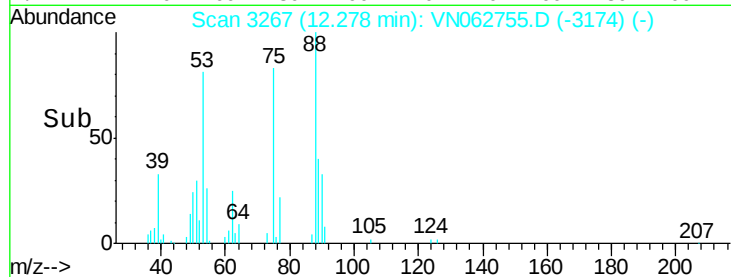
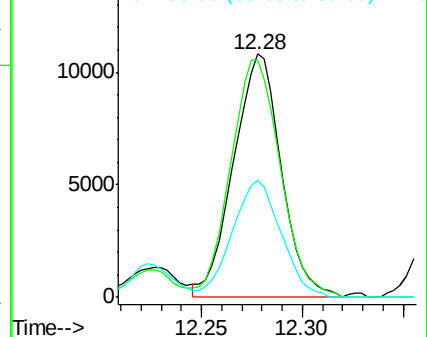
89 48.9 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN062755.D (-3174) (-)

Ion 53.00 (52.70 to 53.70): VN062755.D (-3174) (-)

Ion 88.90 (88.60 to 89.60): VN062755.D (-3174) (-)



#82

4-Chlorotoluene

Concen: 18.275 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062755.D

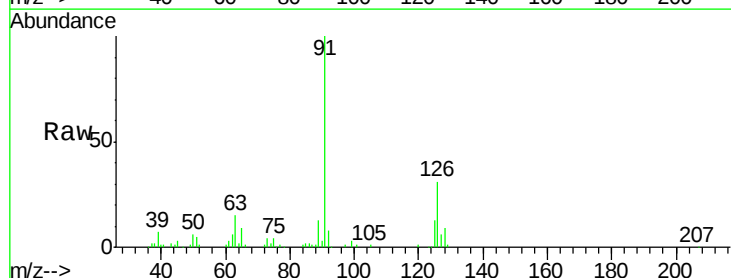
Acq: 5 Aug 2020 11:51

Tgt Ion: 91 Resp: 113568

Ion Ratio Lower Upper

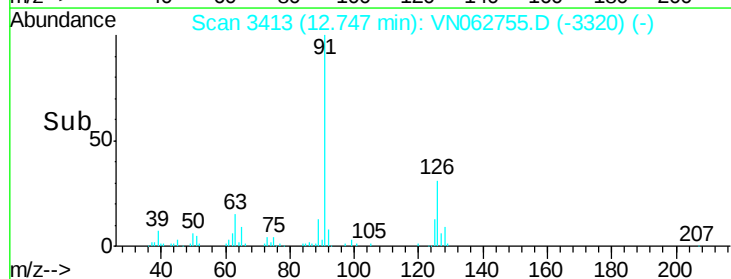
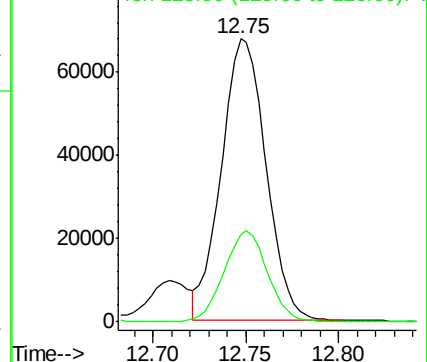
91 100

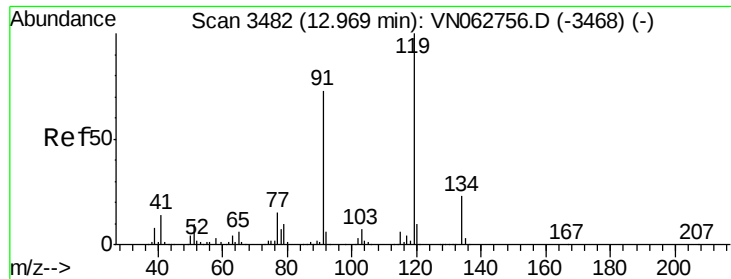
126 31.5 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN062755.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062755.D (-3320) (-)

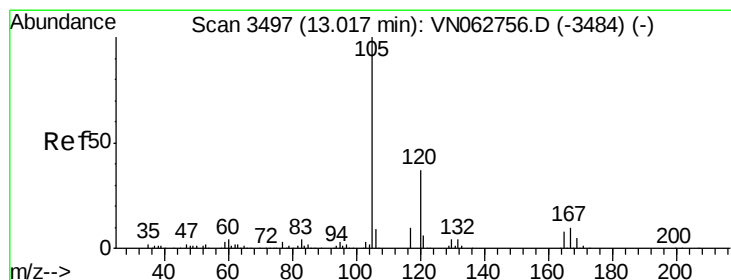
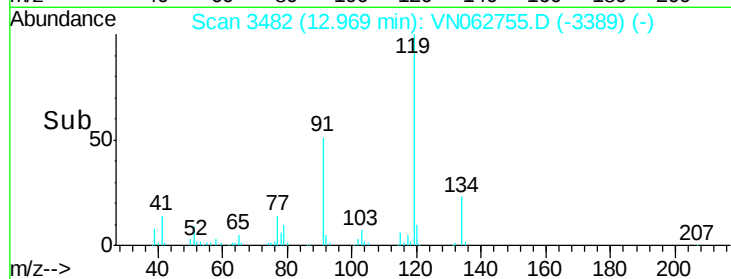
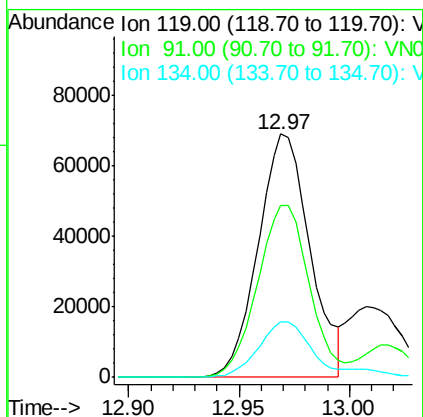
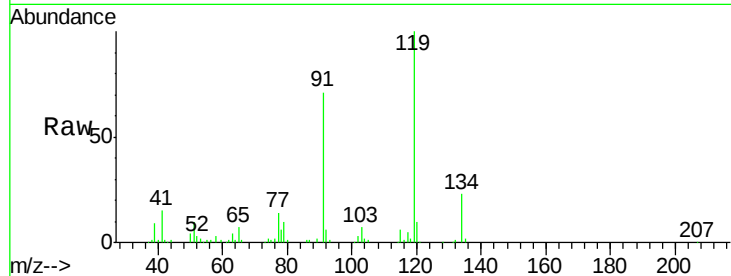




#83
 tert-Butylbenzene
 Concen: 19.589 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

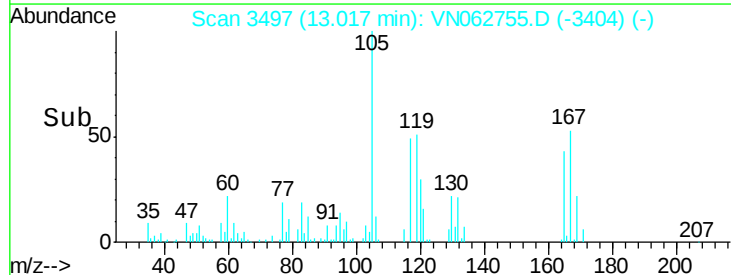
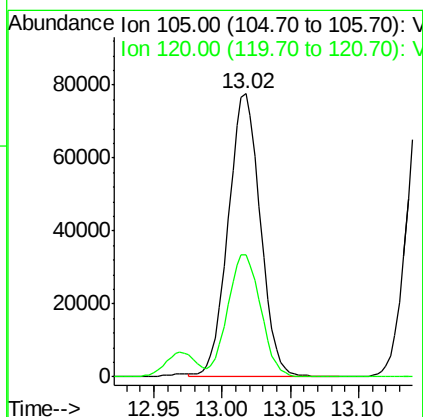
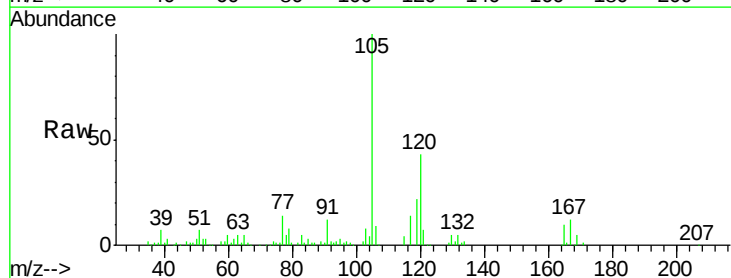
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

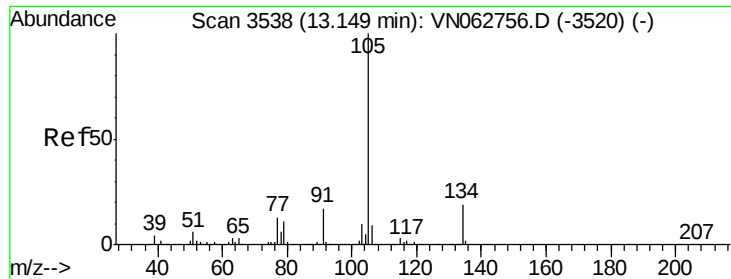
Tgt Ion:119 Resp: 112152
 Ion Ratio Lower Upper
 119 100
 91 70.9 36.5 109.5
 134 23.1 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.672 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Tgt Ion:105 Resp: 126139
 Ion Ratio Lower Upper
 105 100
 120 44.5 21.4 64.2

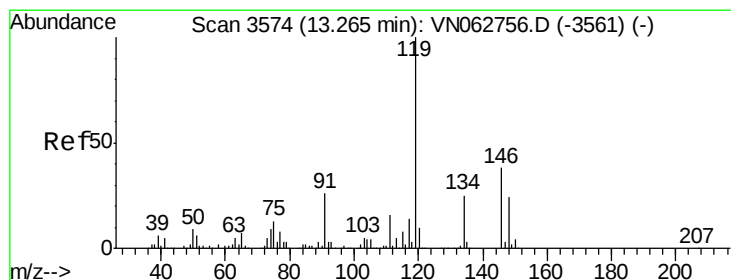
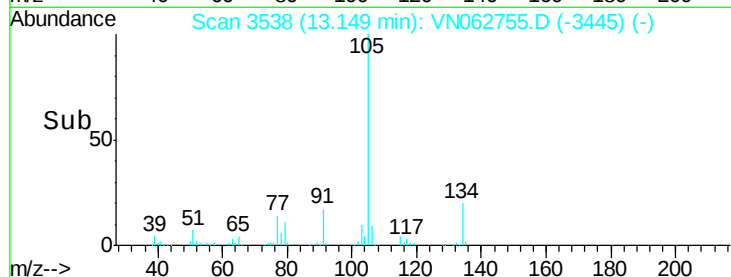
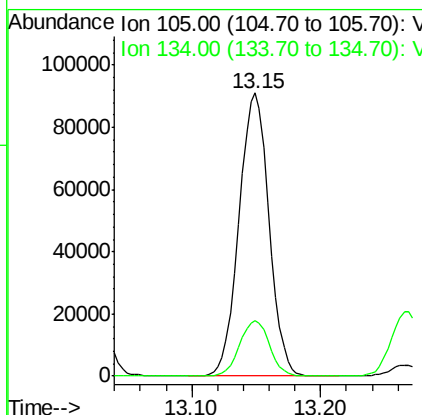
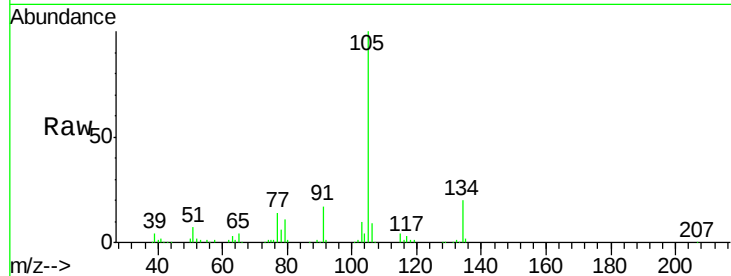




#85
 sec-Butylbenzene
 Concen: 19.222 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

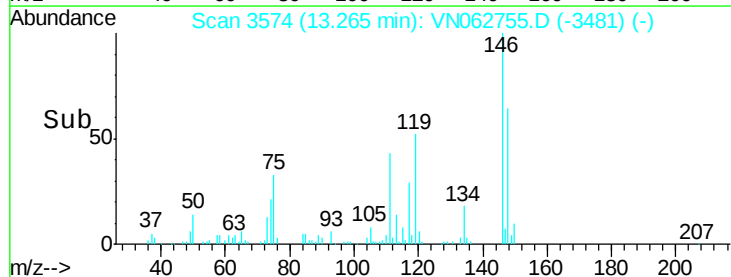
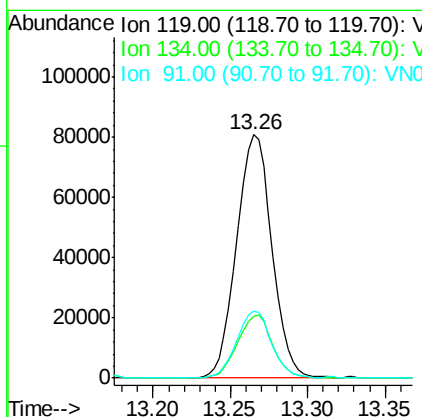
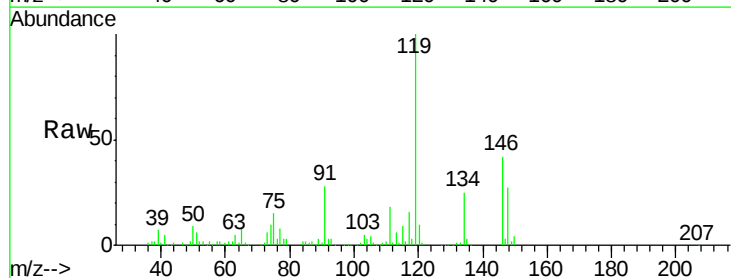
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

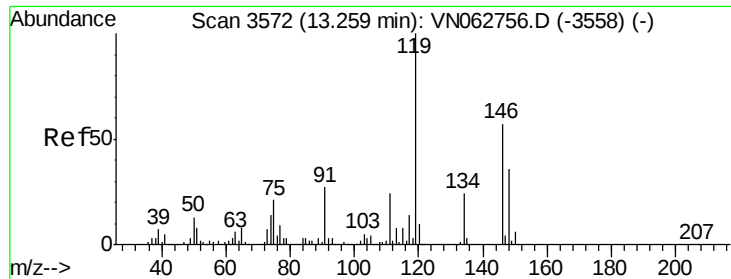
Tgt Ion:105 Resp: 147265
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 19.415 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Tgt Ion:119 Resp: 128680
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 27.3 13.4 40.2

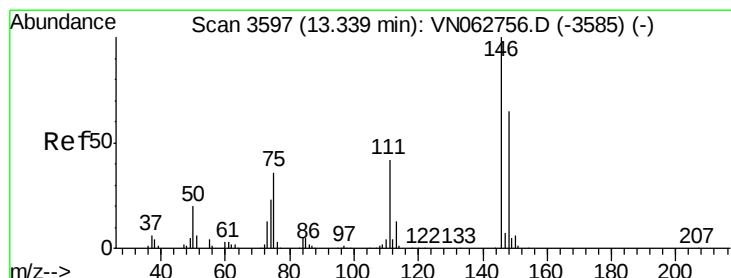
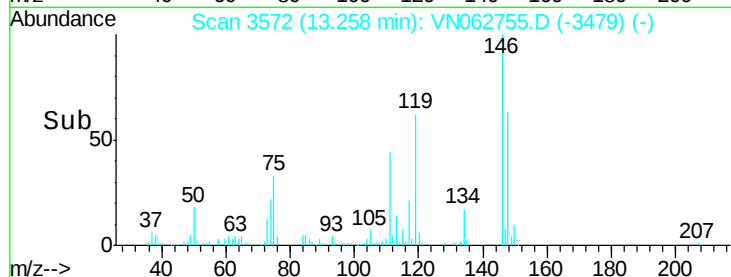
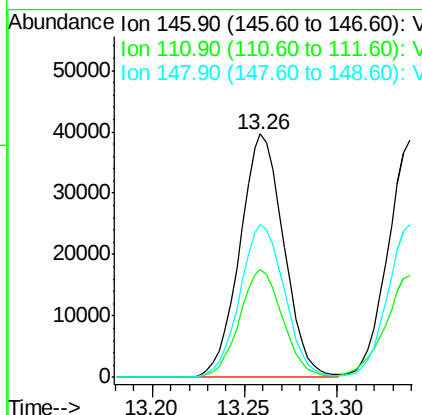
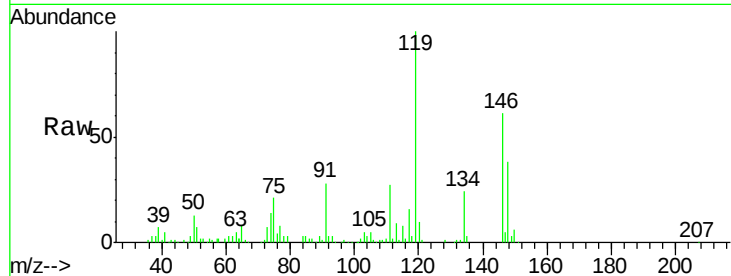




#87
 1,3-Dichlorobenzene
 Concen: 18.503 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

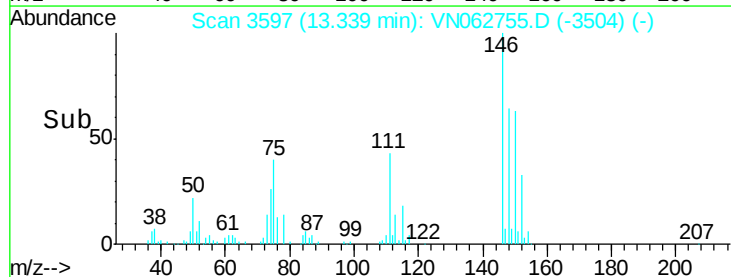
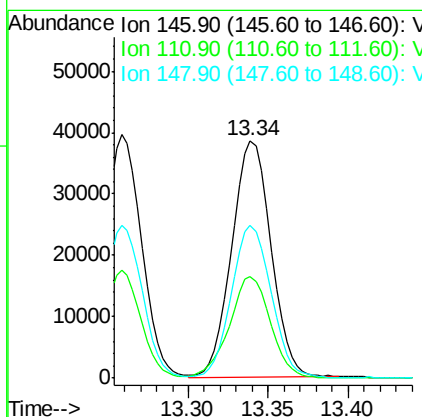
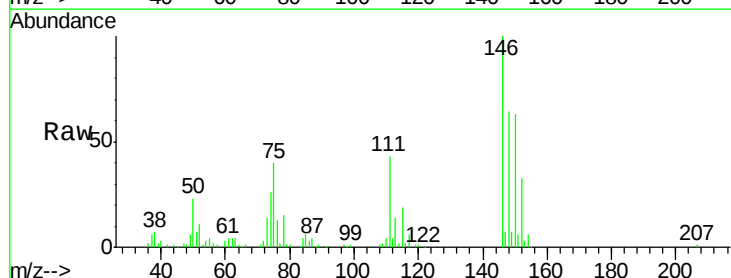
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

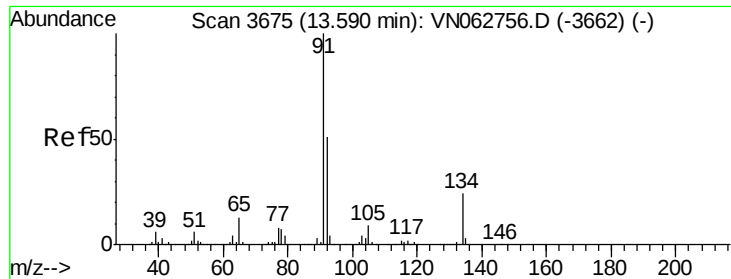
Tgt Ion:146 Resp: 65082
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.7 65.1
 148 63.7 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 18.742 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Tgt Ion:146 Resp: 64650
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.6 64.6
 148 65.5 32.6 97.8

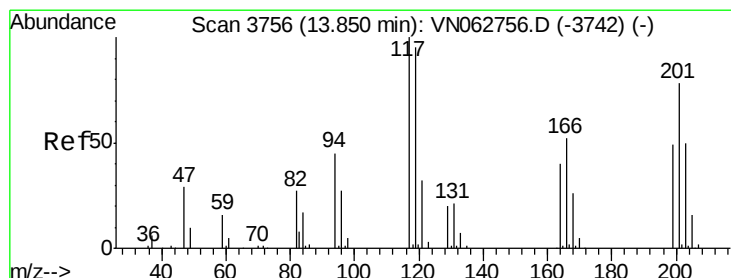
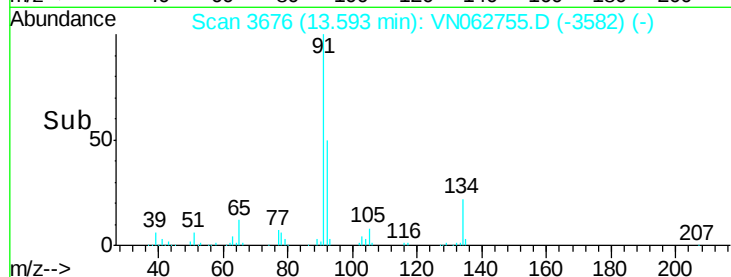
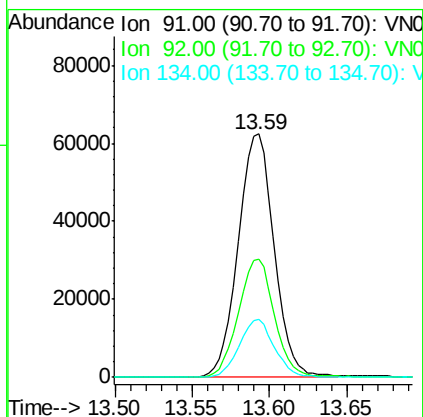
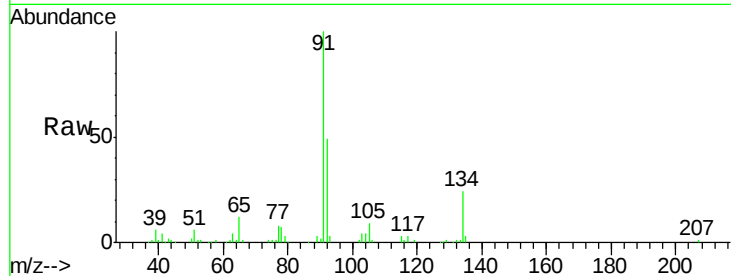




#89
n-Butylbenzene
Concen: 17.819 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

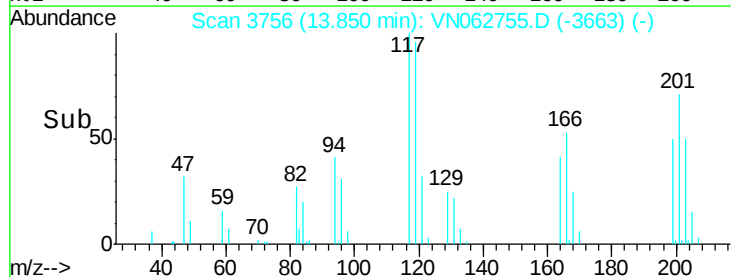
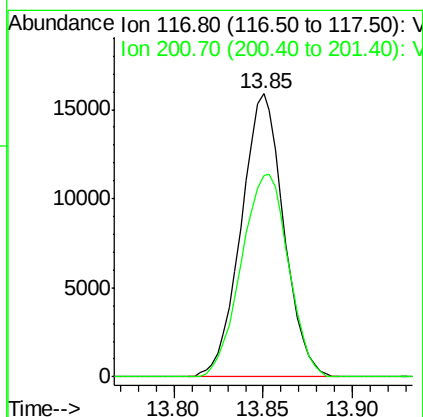
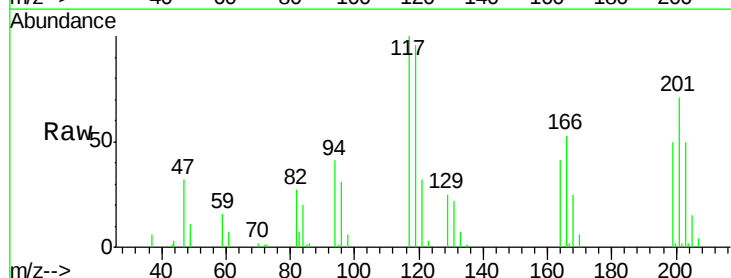
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 101082
Ion Ratio Lower Upper
91 100
92 48.9 25.7 77.0
134 23.1 12.2 36.6



#90
Hexachloroethane
Concen: 18.715 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Tgt Ion: 117 Resp: 26420
Ion Ratio Lower Upper
117 100
201 79.1 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 18.514 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

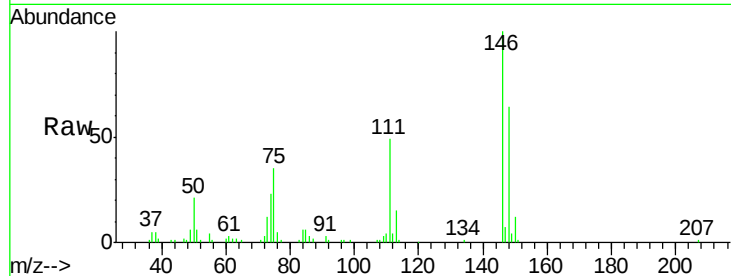
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

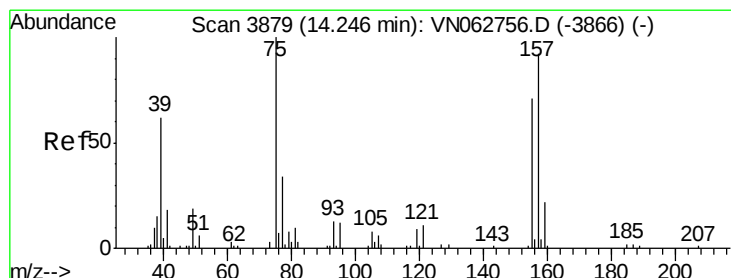
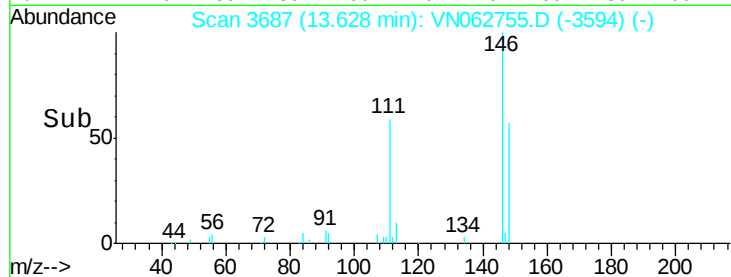
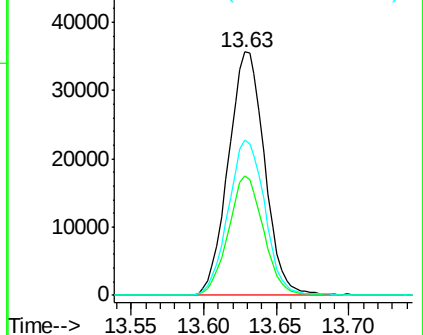
Tgt Ion:	146	Resp:	61895
Ion	Ratio	Lower	Upper
146	100		
111	47.4	22.8	68.4
148	64.3	31.9	95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.113 ug/l

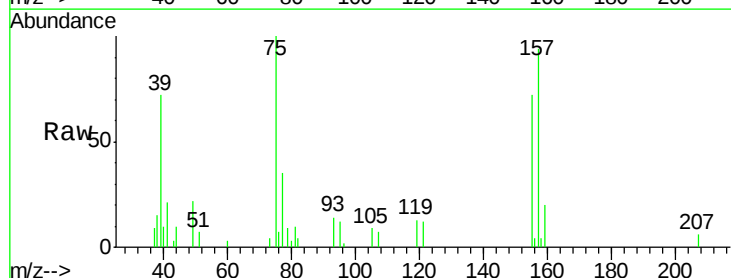
RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062755.D

Acq: 5 Aug 2020 11:51

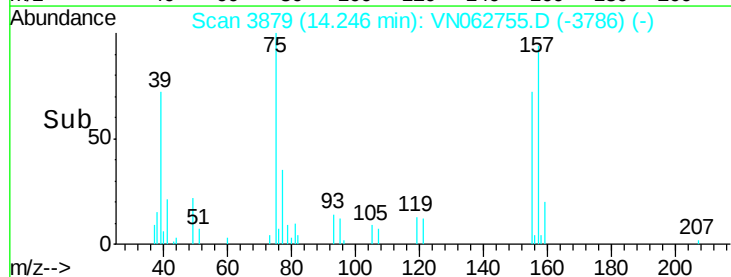
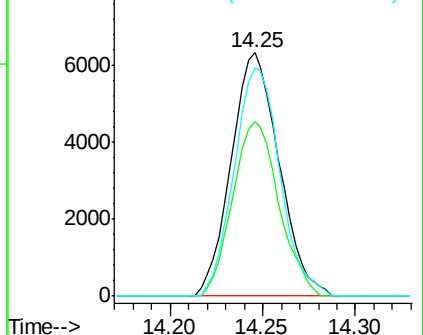
Tgt Ion:	75	Resp:	11379
Ion	Ratio	Lower	Upper
75	100		
155	69.1	35.0	105.1
157	90.0	43.2	129.6



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

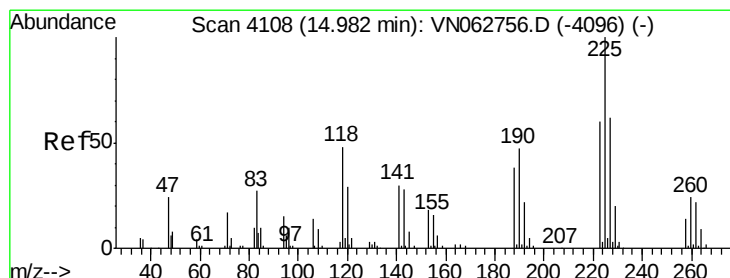
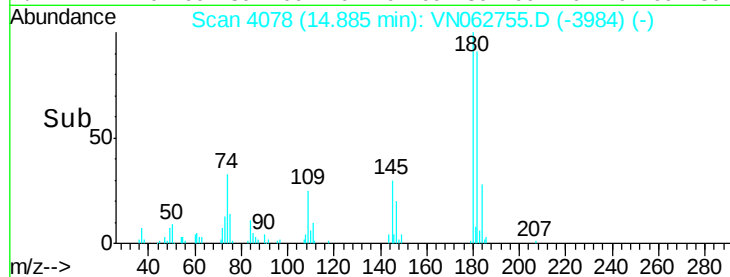
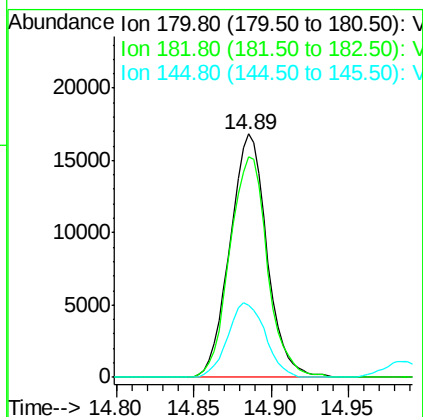
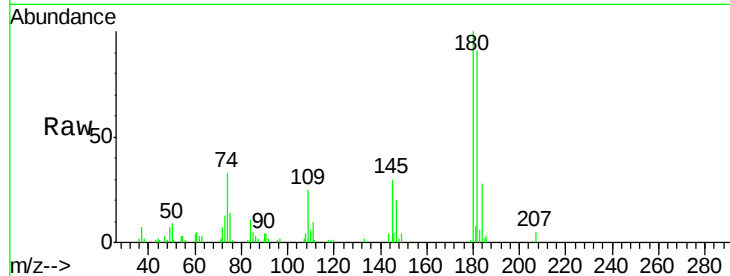




#93
 1,2,4-Trichlorobenzene
 Concen: 18.018 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

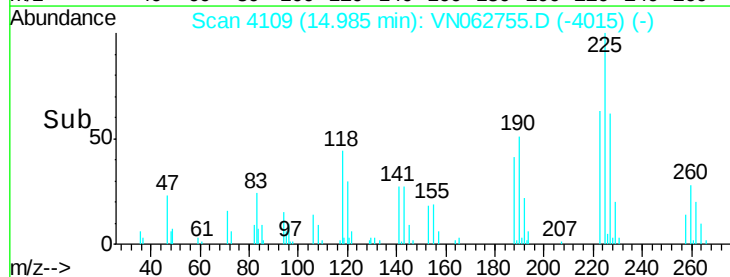
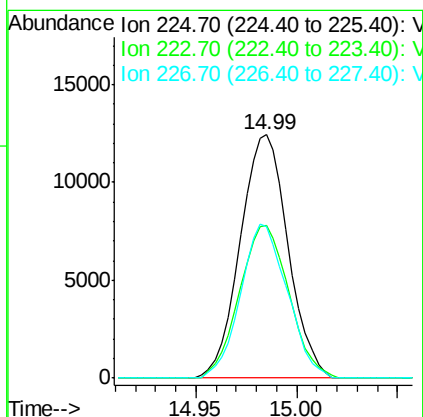
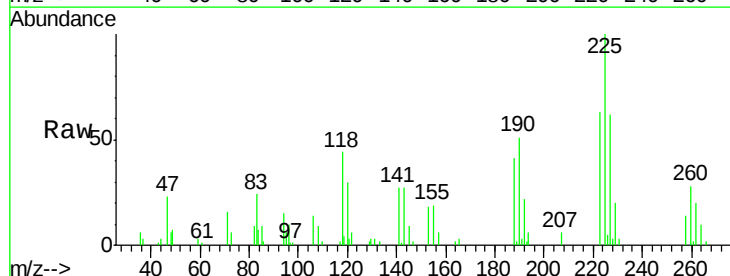
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

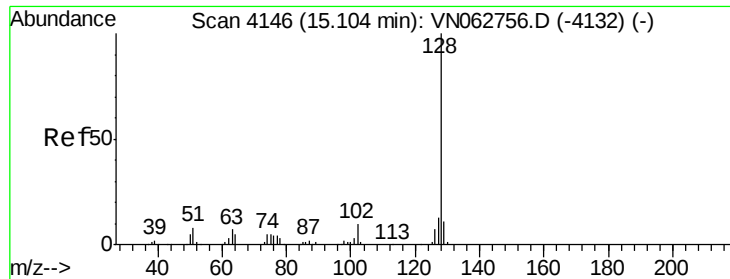
Tgt Ion:180 Resp: 27924
 Ion Ratio Lower Upper
 180 100
 182 92.0 49.1 147.4
 145 31.0 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 20.203 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062755.D
 Acq: 5 Aug 2020 11:51

Tgt Ion:225 Resp: 20626
 Ion Ratio Lower Upper
 225 100
 223 64.8 30.6 92.0
 227 62.1 31.6 95.0

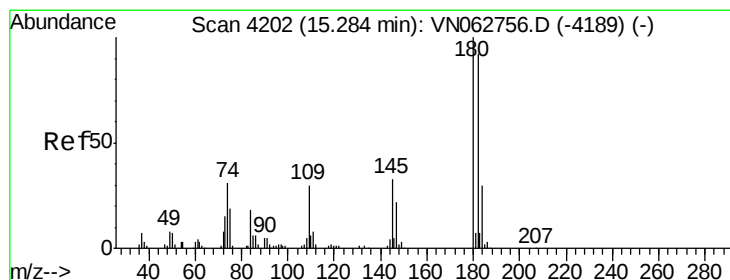
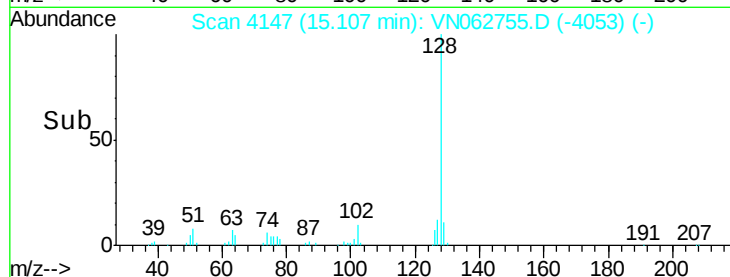
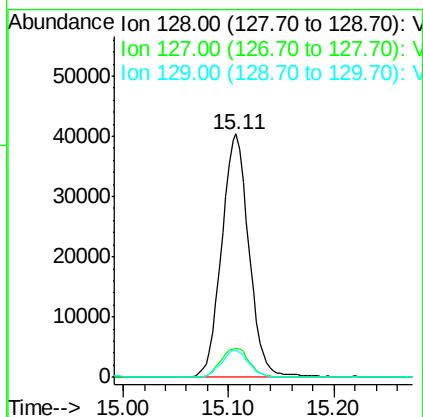
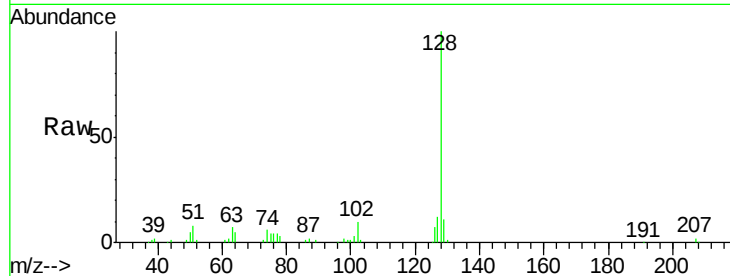




#95
Naphthalene
Concen: 16.931 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 72380
Ion Ratio Lower Upper
128 100
127 12.3 10.8 16.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.736 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062755.D
Acq: 5 Aug 2020 11:51

Tgt Ion:180 Resp: 28018
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.6
145 33.8 17.3 51.7

