

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062780.D
 Acq On : 7 Aug 2020 15:39
 Operator : JC/MD
 Sample : VN0807WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:31 PM

Quant Time: Aug 08 02:34:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	164253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	267620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115866	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124713	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	7.55	113	88151	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	10.06	98	333533	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
62) 4-Bromofluorobenzene	12.38	95	121750	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	45997	19.556	ug/l 97
3) Chloromethane	2.04	50	46772	21.073	ug/l 97
4) Vinyl Chloride	2.16	62	45666	21.936	ug/l 98
5) Bromomethane	2.52	94	25997	18.865	ug/l 98
6) Chloroethane	2.66	64	27081	19.774	ug/l 98
7) Trichlorofluoromethane	2.98	101	67314	18.134	ug/l 99
8) Diethyl Ether	3.37	74	19010	17.889	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	28254	18.315	ug/l 99
10) Methyl Iodide	3.91	142	32430	18.025	ug/l # 93
11) Tert butyl alcohol	4.73	59	36520	82.034	ug/l 96
12) 1,1-Dichloroethene	3.70	96	25793	17.684	ug/l 98
13) Acrolein	3.57	56	17539	65.069	ug/l 98
14) Allyl chloride	4.27	41	47645	16.568	ug/l 99
15) Acrylonitrile	4.93	53	91042	88.171	ug/l 100
16) Acetone	3.78	43	80833	82.359	ug/l 98
17) Carbon Disulfide	4.00	76	72502	17.655	ug/l 98
18) Methyl Acetate	4.28	43	44563	18.485	ug/l 99
19) Methyl tert-butyl Ether	5.00	73	110332	17.338	ug/l 95
20) Methylene Chloride	4.50	84	33773	18.321	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	29153	17.736	ug/l 95
22) Diisopropyl ether	5.91	45	116644	19.054	ug/l 94
23) Vinyl Acetate	5.85	43	387823	83.289	ug/l 98
24) 1,1-Dichloroethane	5.80	63	63872	17.804	ug/l 99
25) 2-Butanone	6.79	43	118995	85.603	ug/l 99
26) 2,2-Dichloropropane	6.77	77	52272	15.807	ug/l 98
27) cis-1,2-Dichloroethene	6.79	96	35835	18.174	ug/l 93
28) Bromochloromethane	7.15	49	34634	20.003	ug/l 96
29) Tetrahydrofuran	7.17	42	79510	88.043	ug/l 100
30) Chloroform	7.33	83	66570	17.461	ug/l 97
31) Cyclohexane	7.61	56	59314	18.011	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	58536	17.172	ug/l 97
36) 1,1-Dichloropropene	7.75	75	43189	16.574	ug/l 96
37) Ethyl Acetate	6.88	43	41354	15.192	ug/l 96
38) Carbon Tetrachloride	7.73	117	50675	16.443	ug/l 99

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Quant Time: Aug 08 02:34:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	52881	16.863	ug/l	93
40) Benzene	8.00	78	133766	17.203	ug/l	97
41) Methacrylonitrile	7.12	41	21084m	17.165	ug/l	
42) 1,2-Dichloroethane	8.09	62	56157	16.968	ug/l	100
43) Isopropyl Acetate	8.13	43	74936	16.505	ug/l #	91
44) Trichloroethene	8.80	130	33362	17.610	ug/l	97
45) 1,2-Dichloropropane	9.08	63	37870	17.994	ug/l	96
46) Dibromomethane	9.18	93	24391	17.688	ug/l	99
47) Bromodichloromethane	9.37	83	54152	17.485	ug/l	99
48) Methyl methacrylate	9.17	41	37310	16.707	ug/l	99
49) 1,4-Dioxane	9.17	88	13214	319.331	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	254108	86.501	ug/l	99
52) Toluene	10.13	92	84290	17.557	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	55589	16.318	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	58991	17.247	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	35793	17.456	ug/l	98
56) Ethyl methacrylate	10.40	69	52179	16.906	ug/l	98
57) 1,3-Dichloropropane	10.68	76	59965	17.211	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	67592	77.477	ug/l	98
59) 2-Hexanone	10.72	43	182945	83.486	ug/l	100
60) Dibromochloromethane	10.87	129	40039	17.111	ug/l	99
61) 1,2-Dibromoethane	10.98	107	36227	17.905	ug/l	99
64) Tetrachloroethene	10.60	164	28776	17.646	ug/l	97
65) Chlorobenzene	11.41	112	90935	17.212	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	37385	17.621	ug/l	97
67) Ethyl Benzene	11.48	91	157814	16.692	ug/l	96
68) m/p-Xylenes	11.60	106	119690	34.875	ug/l	97
69) o-Xylene	11.92	106	57463	17.867	ug/l	96
70) Styrene	11.94	104	98586	17.439	ug/l	99
71) Bromoform	12.10	173	29447	16.963	ug/l #	99
73) Isopropylbenzene	12.22	105	157278	18.027	ug/l	99
74) N-amyl acetate	12.05	43	63474	17.953	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	56346	18.346	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	54607m	17.475	ug/l	
77) Bromobenzene	12.50	156	40349	18.613	ug/l	92
78) n-propylbenzene	12.57	91	182425	17.812	ug/l	100
79) 2-Chlorotoluene	12.65	91	113377	17.653	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	138011	18.234	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	17583	17.178	ug/l	97
82) 4-Chlorotoluene	12.75	91	119944	18.123	ug/l	99
83) tert-Butylbenzene	12.97	119	115774	18.076	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	135078	18.654	ug/l	99
85) sec-Butylbenzene	13.15	105	151979	18.070	ug/l	99
86) p-Isopropyltoluene	13.26	119	132748	17.781	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	67958	17.548	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	67505	17.379	ug/l	97
89) n-Butylbenzene	13.59	91	105325	16.681	ug/l	100
90) Hexachloroethane	13.85	117	27376	17.012	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	67213	18.512	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	11516	17.465	ug/l	96

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VN0807WBS01

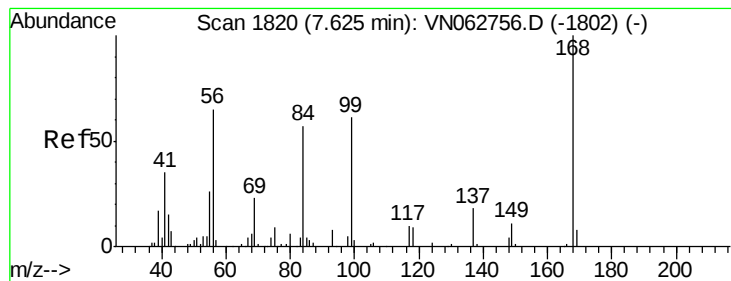
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	26758	16.133	ug/l	100
94) Hexachlorobutadiene	14.98	225	20468	16.886	ug/l	98
95) Naphthalene	15.10	128	65423	15.080	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	28074	16.548	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: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

Tot Ion:168 Resp: 164253

Ion Ratio Lower Upper

168 100

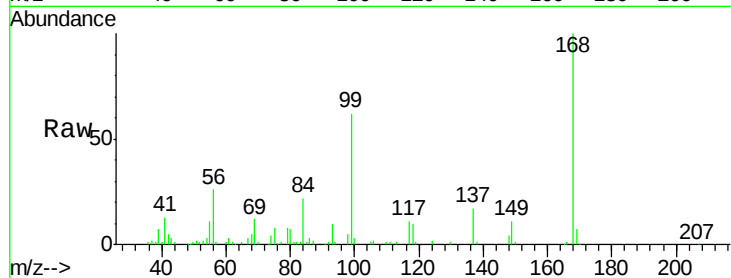
99 61.9 52.9 79.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

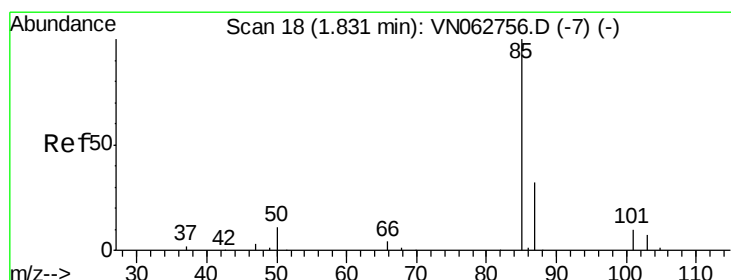
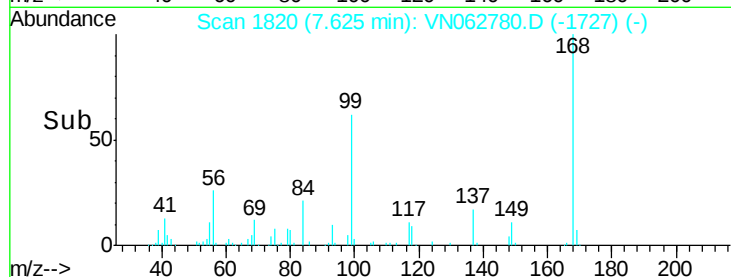
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.556 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062780.D

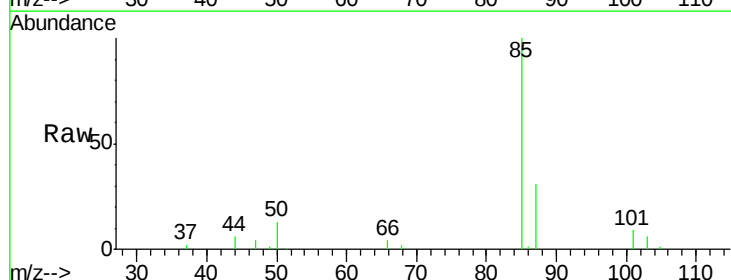
Acq: 7 Aug 2020 15:39

Tgt Ion: 85 Resp: 45997

Ion Ratio Lower Upper

85 100

87 31.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

30000

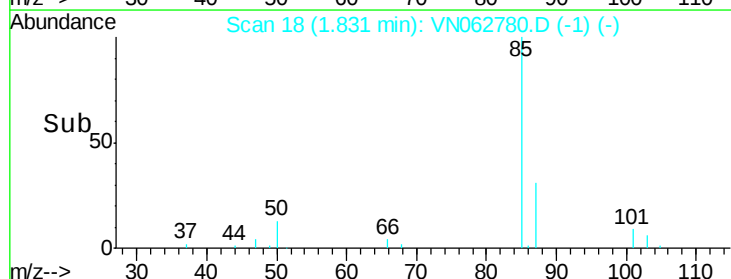
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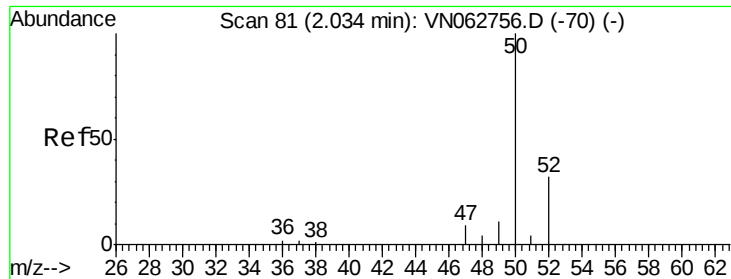
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1.80 1.85 1.90

Time-->





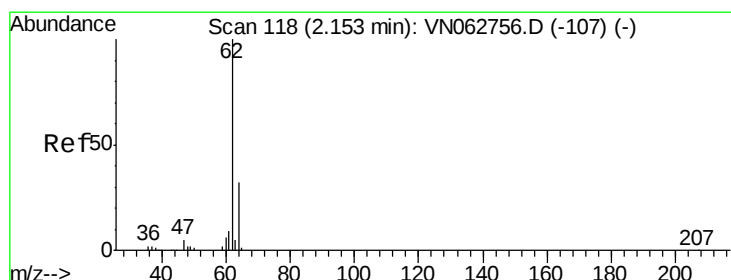
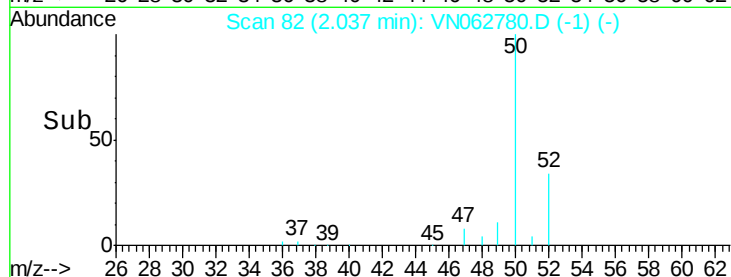
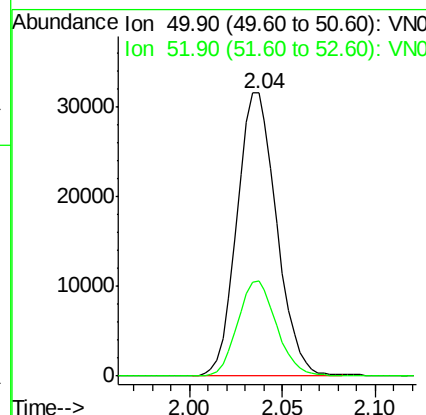
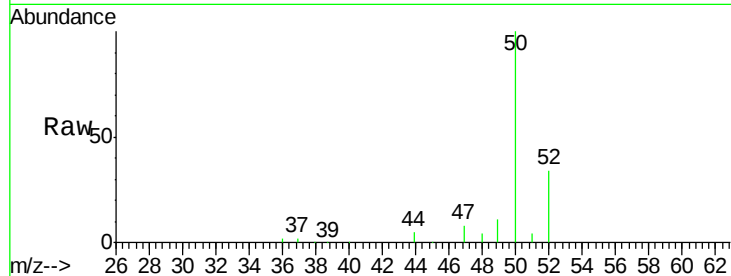
#3
Chloromethane
Concen: 21.073 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.7	25.6	38.4

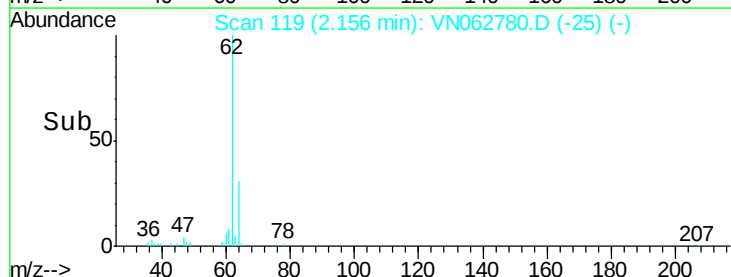
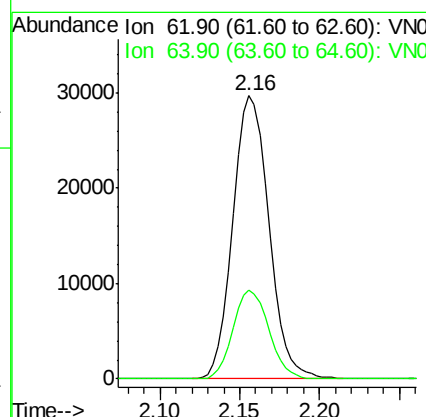
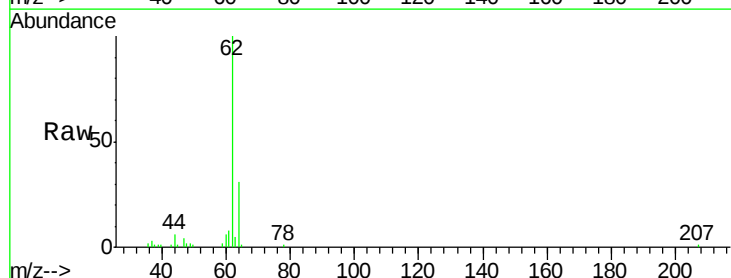
Manual Integrations
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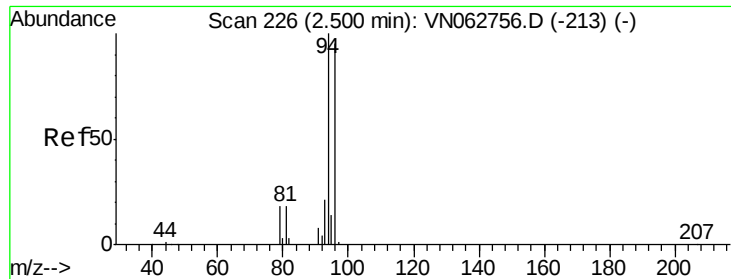
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#4
Vinyl Chloride
Concen: 21.936 ug/l
RT: 2.16 min Scan# 119
Delta R.T. 0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.2	25.8	38.8





#5

Bromomethane

Concen: 18.865 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

Tot Ion: 94 Resp: 25997

Ion Ratio Lower Upper

94 100

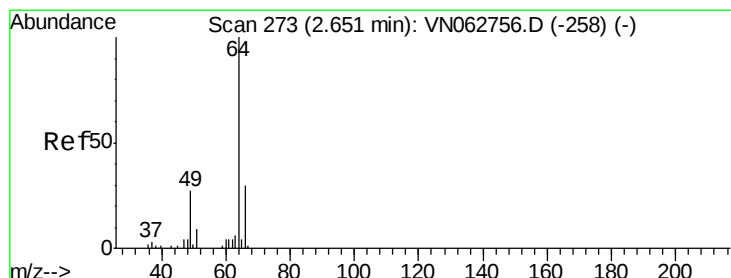
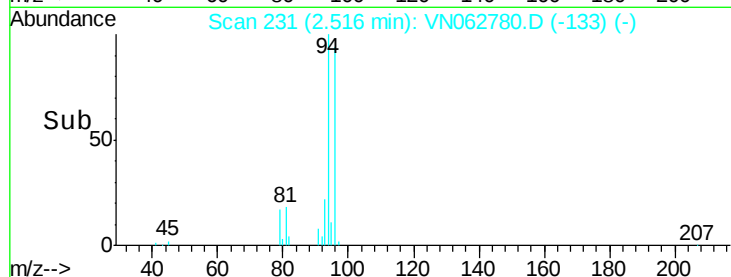
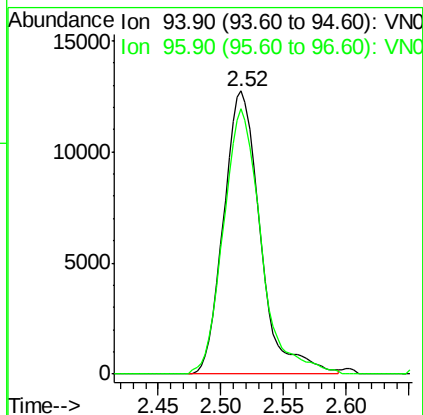
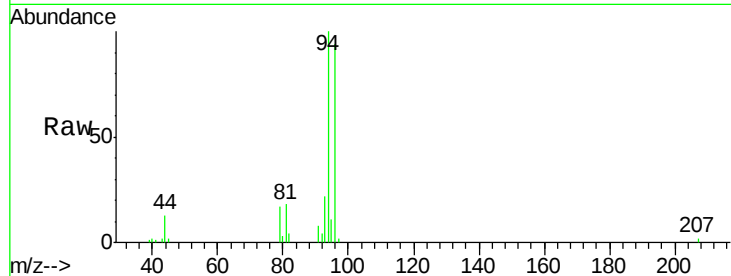
96 93.8 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 19.774 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062780.D

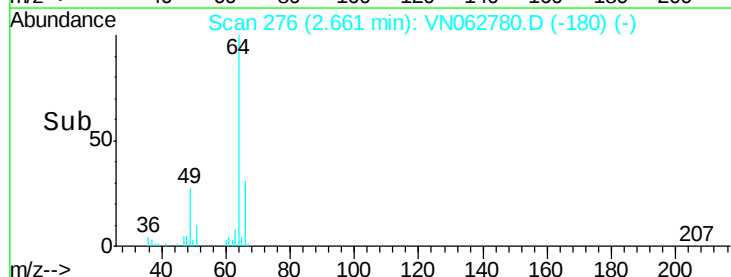
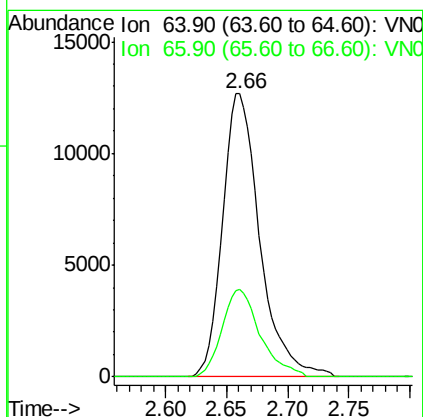
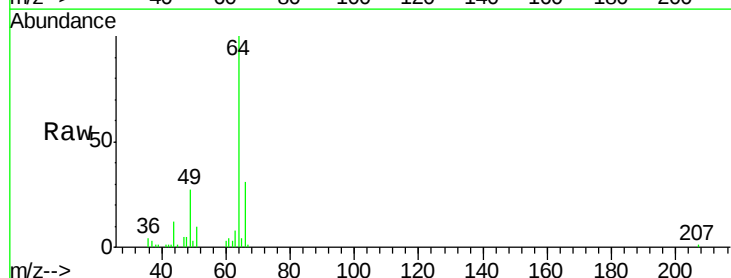
Acq: 7 Aug 2020 15:39

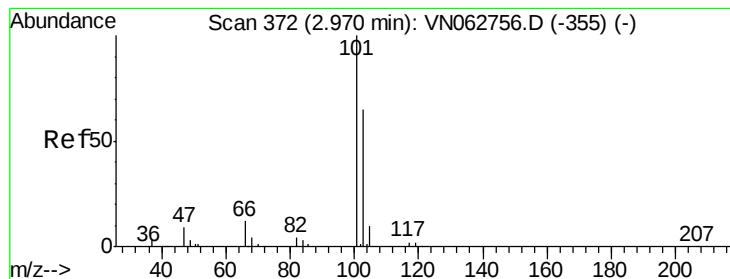
Tgt Ion: 64 Resp: 27081

Ion Ratio Lower Upper

64 100

66 30.8 24.0 36.0





#7

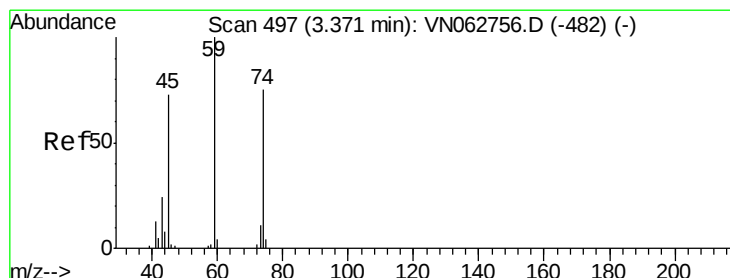
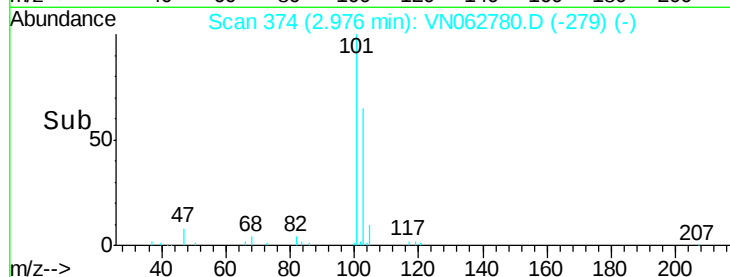
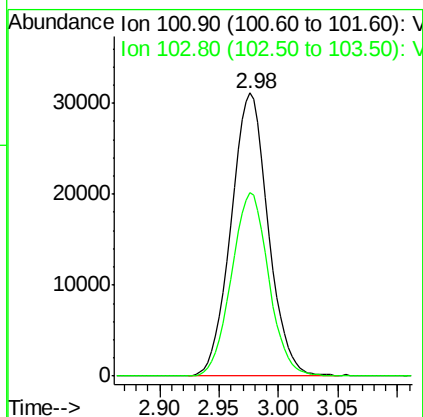
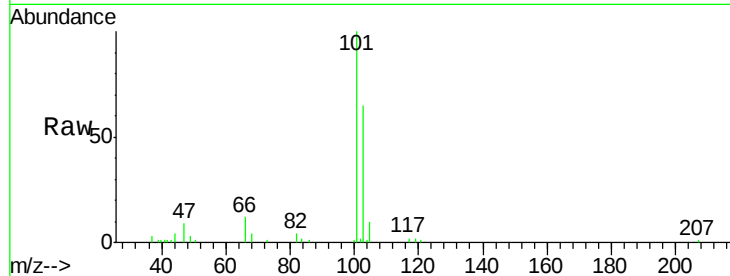
Trichlorofluoromethane
Concen: 18.134 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.01 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

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ClientSampleId :
VN0807WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100	65.0	52.3	78.5	

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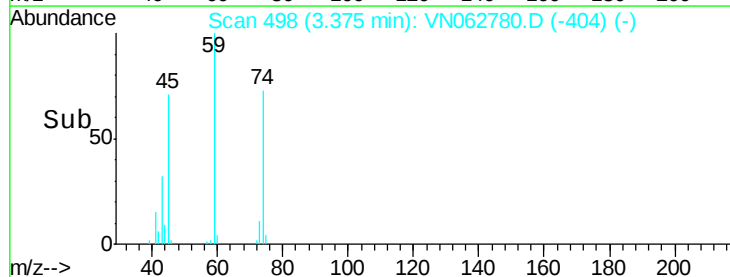
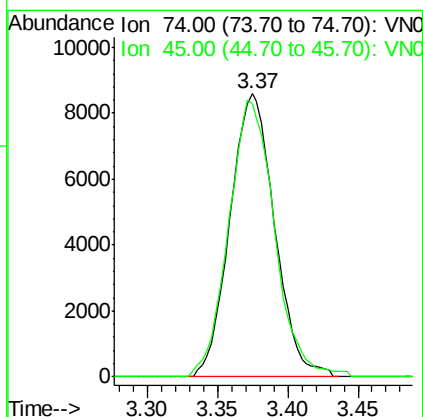
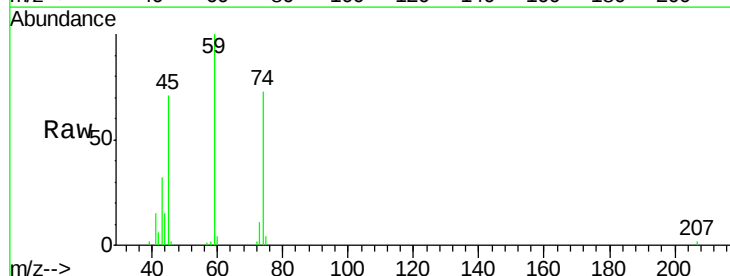
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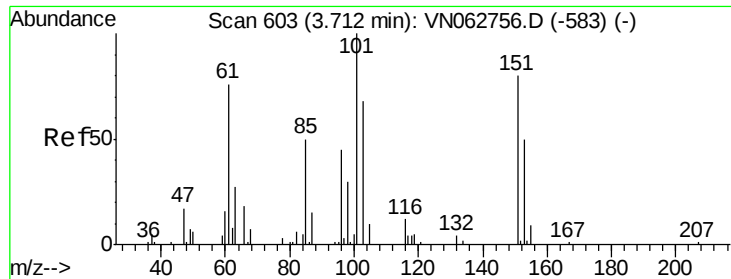


#8

Diethyl Ether
Concen: 17.889 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100	100.5	48.7	146.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.315 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

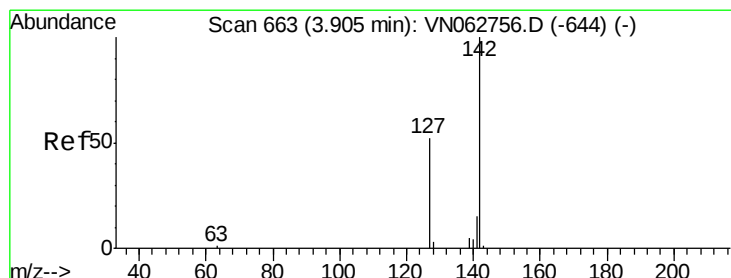
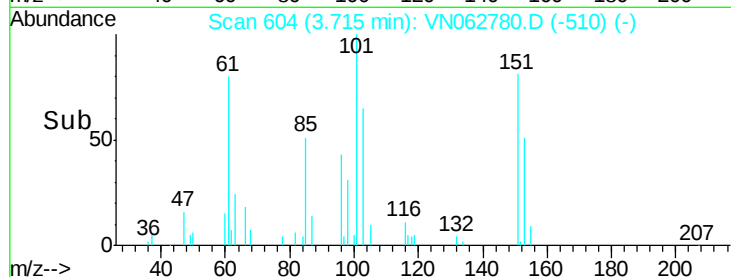
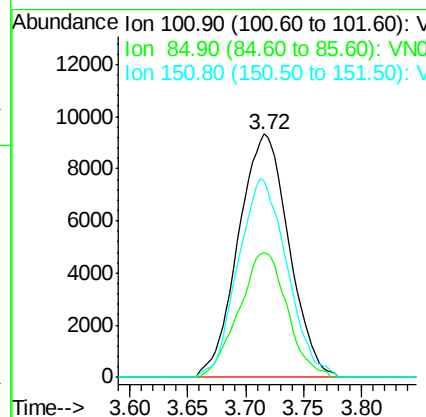
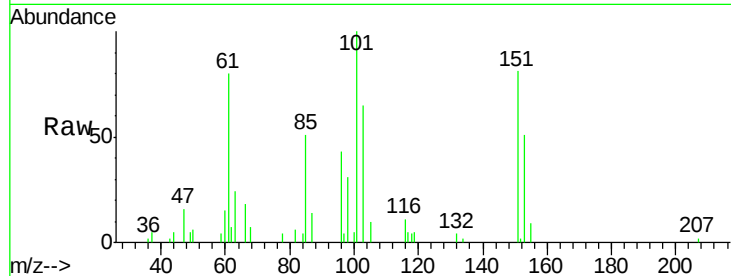
ClientSampled :

VN0807WBS01

Tot Ion:	101	Resp:	28254
Ion Ratio	Lower	Upper	
101	100		
85	49.0	38.5	57.7
151	79.3	63.0	94.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.025 ug/l

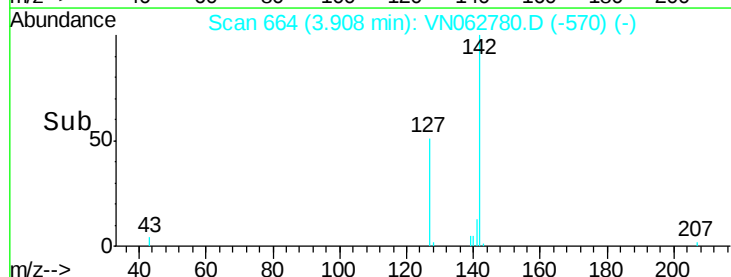
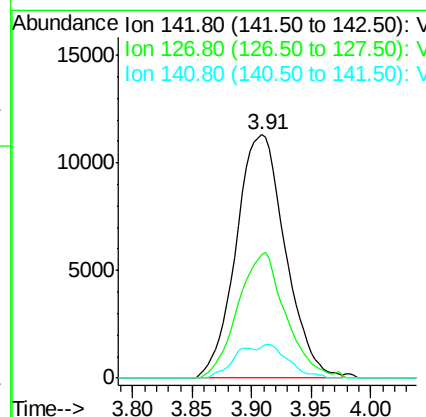
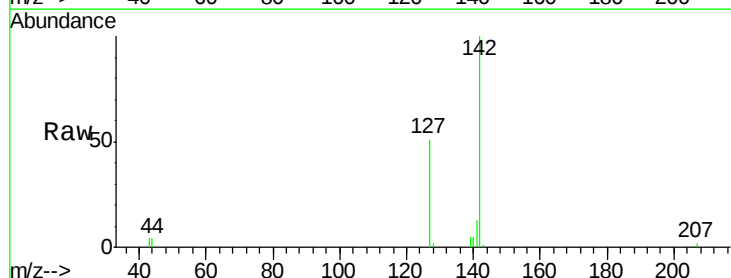
RT: 3.91 min Scan# 664

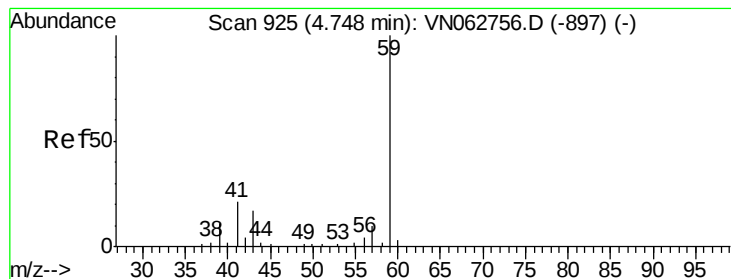
Delta R.T. 0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Tgt Ion:	142	Resp:	32430
Ion Ratio	Lower	Upper	
142	100		
127	50.1	41.4	62.0
141	6.0	12.2	18.4





#11

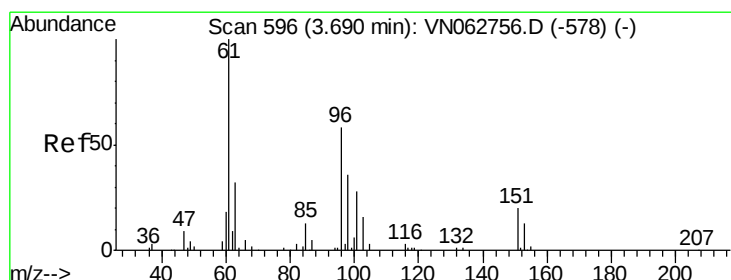
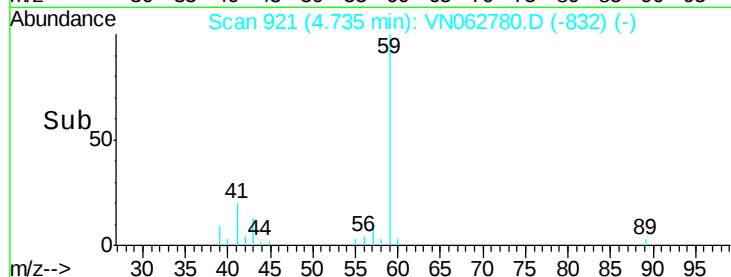
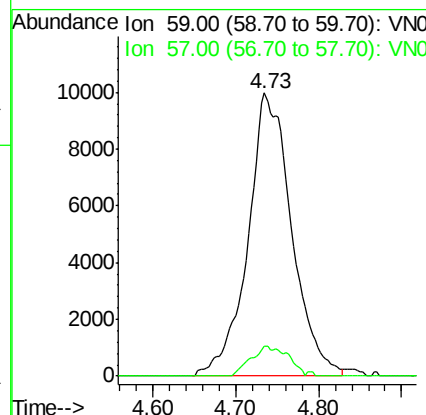
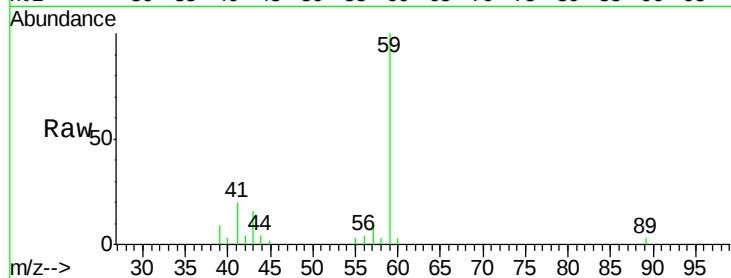
Tert butyl alcohol
 Concen: 82.034 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Instrument :
 MSVOA_N
 ClientSampled :
 VN0807WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.3	12.5

Manual Integrations
 APPROVED

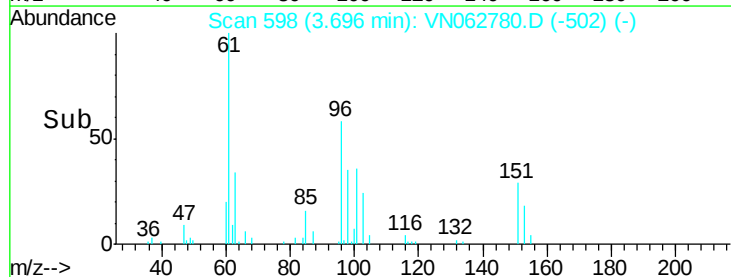
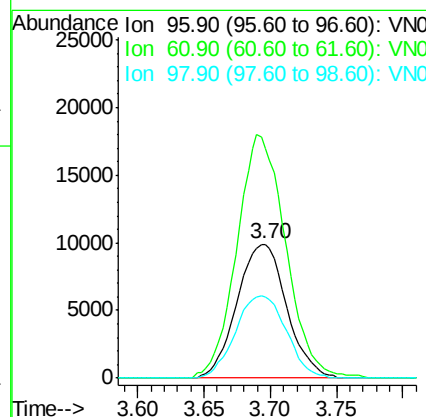
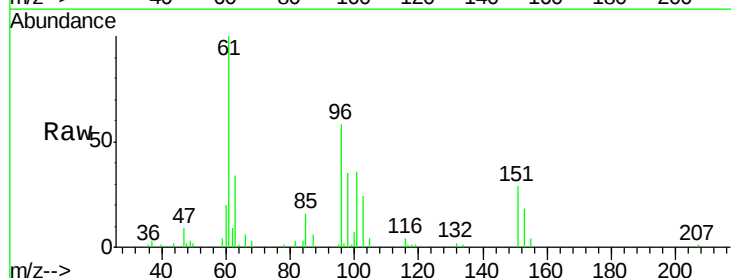
MMDadoda
 8/10/2020 12:24:31 PM

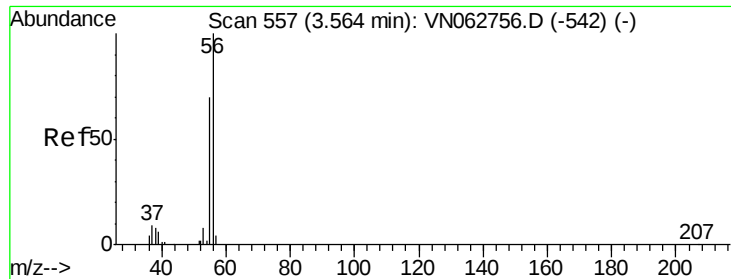


#12

1,1-Dichloroethene
 Concen: 17.684 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.1	139.0	208.6
98	60.4	50.2	75.4





#13

Acrolein

Concen: 65.069 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

Tot Ion: 56 Resp: 17539

Ion Ratio Lower Upper

56 100

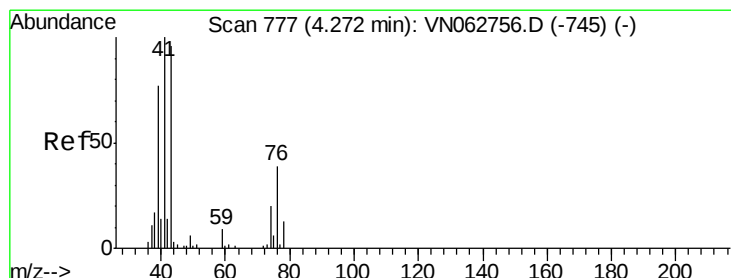
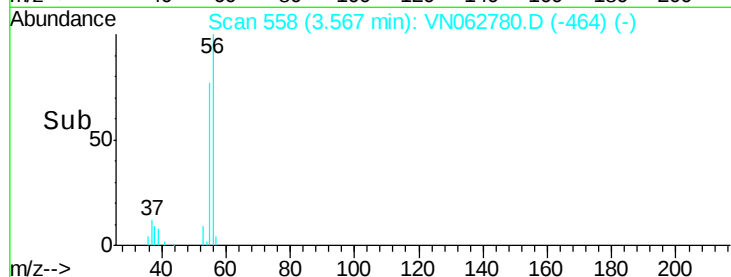
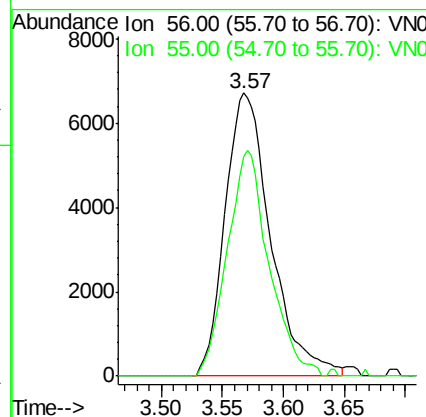
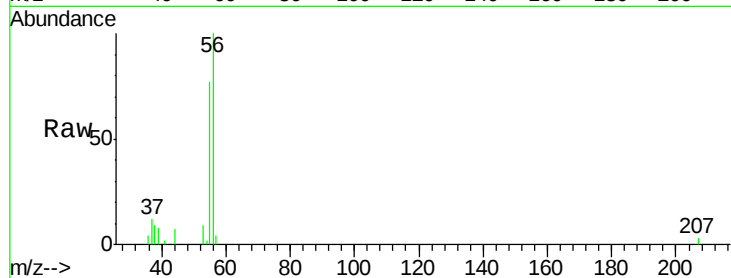
55 72.9 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 16.568 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

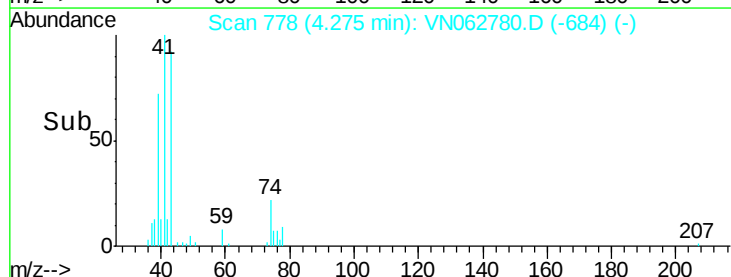
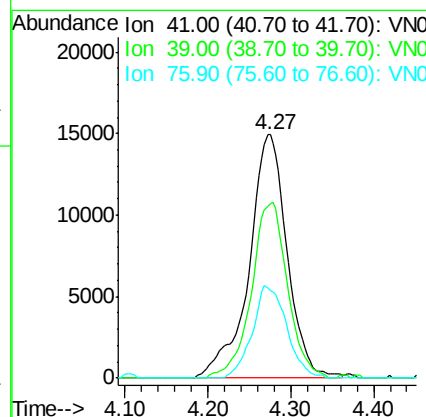
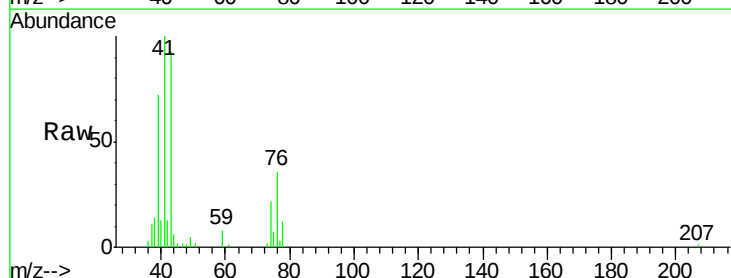
Tgt Ion: 41 Resp: 47645

Ion Ratio Lower Upper

41 100

39 68.4 55.7 83.5

76 34.2 27.5 41.3





#15

Acrylonitrile

Concen: 88.171 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

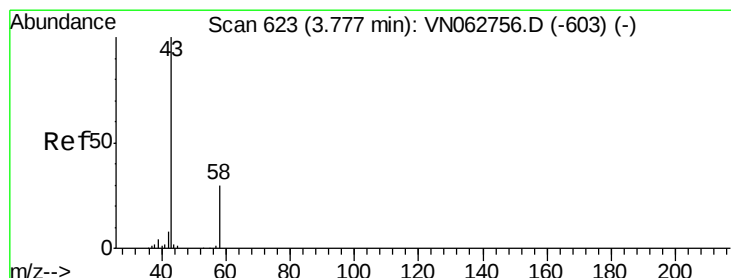
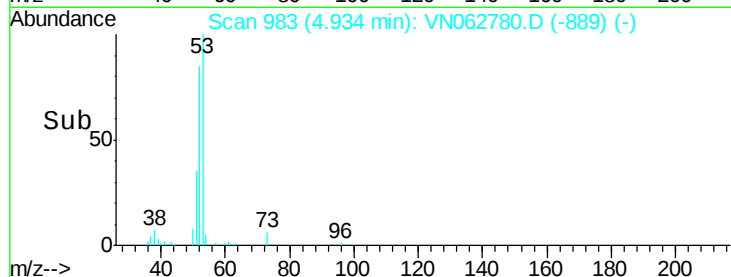
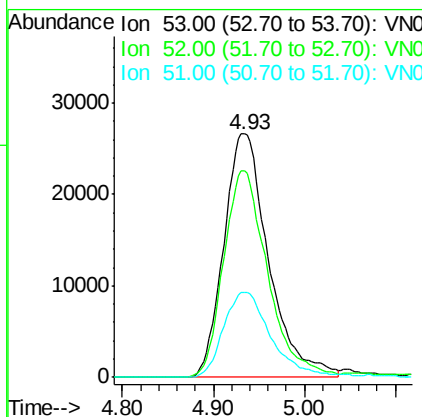
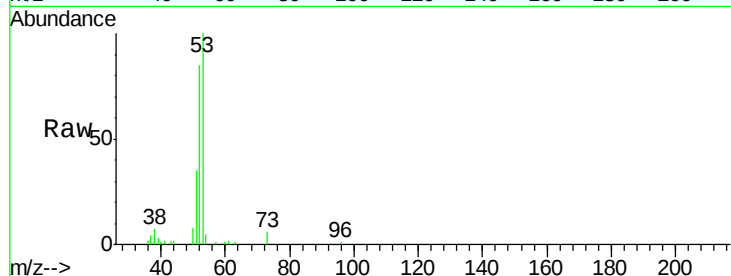
ClientSampleId :

VN0807WBS01

Tot Ion:	53	Resp:	91042
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.8	100.2
51	36.7	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 82.359 ug/l

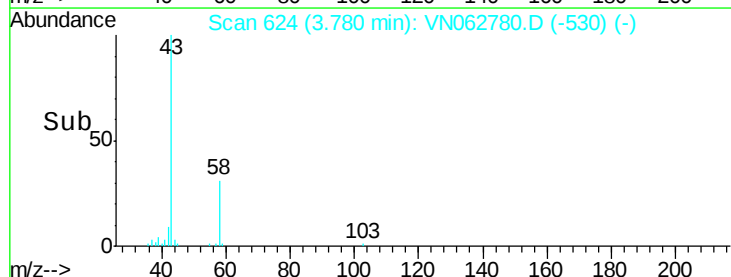
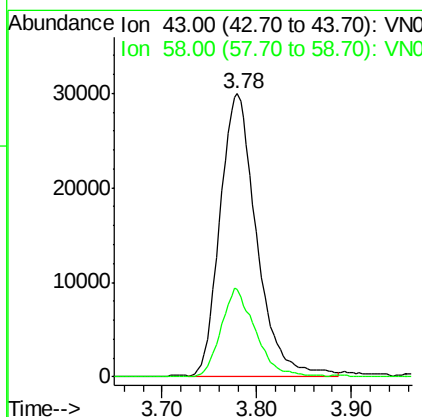
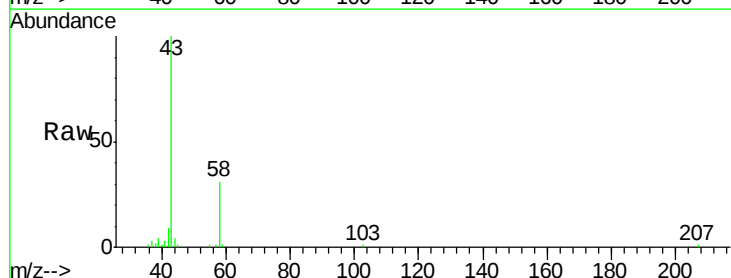
RT: 3.78 min Scan# 624

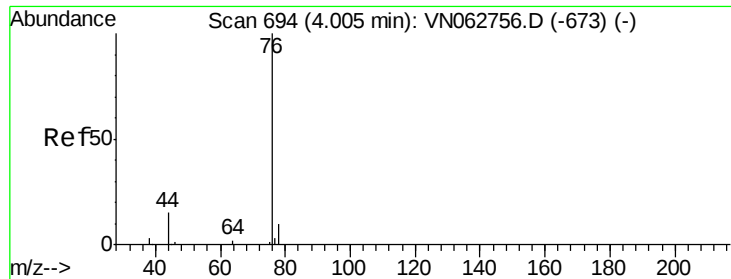
Delta R.T. 0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Tgt Ion:	43	Resp:	80833
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.1	36.1





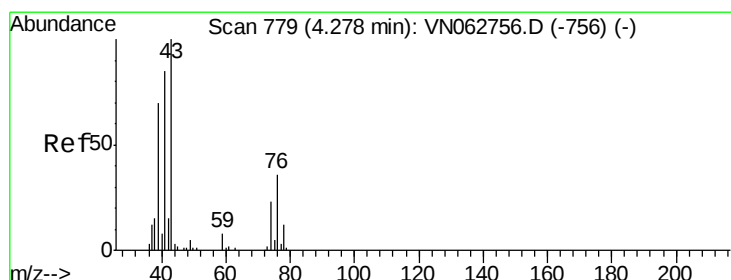
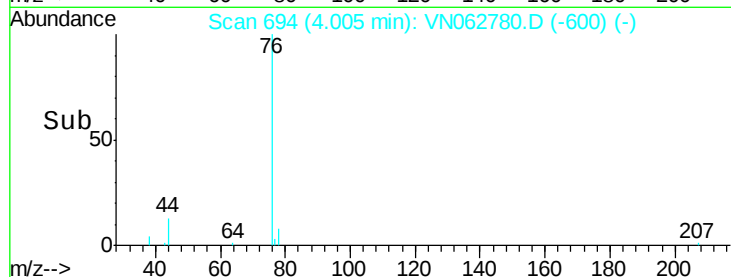
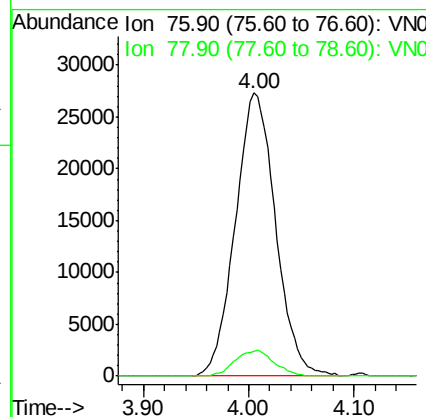
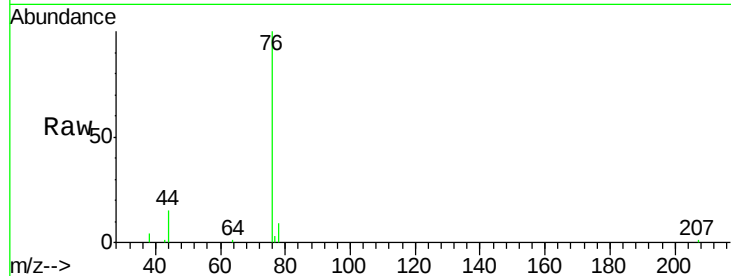
#17
Carbon Disulfide
Concen: 17.655 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion: 76 Resp: 72502
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5

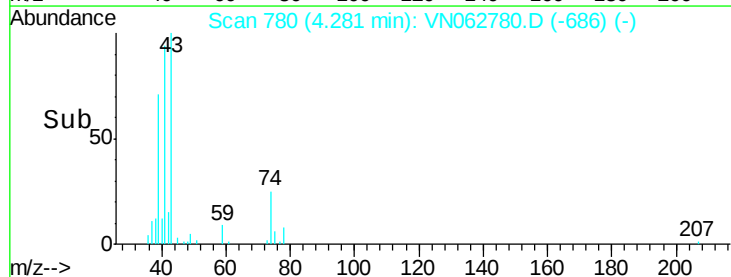
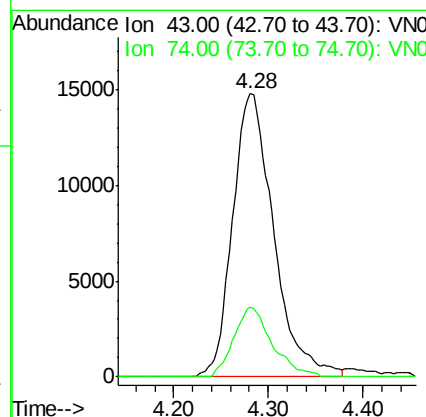
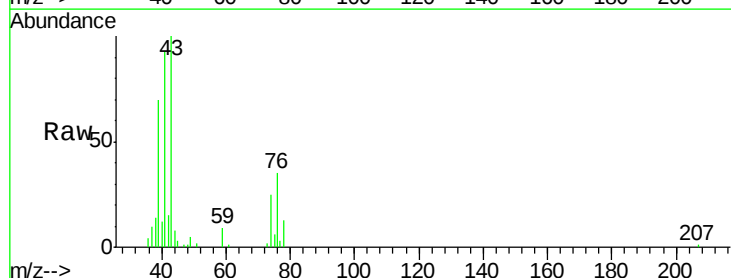
Manual Integrations
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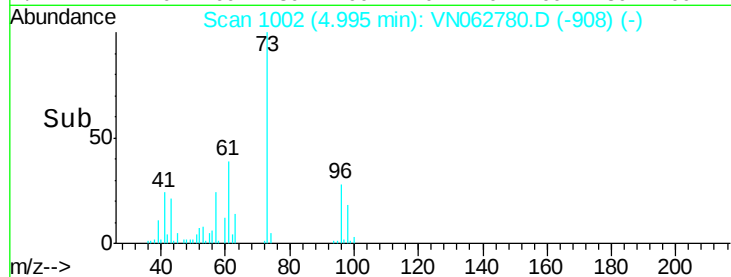
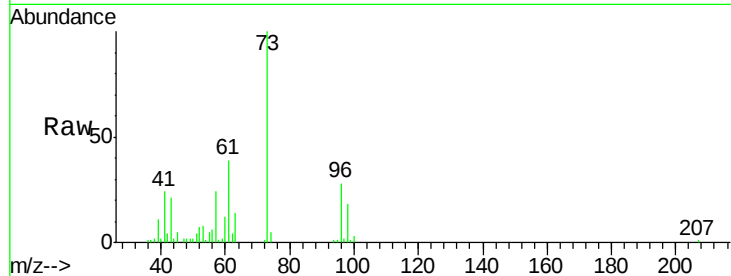
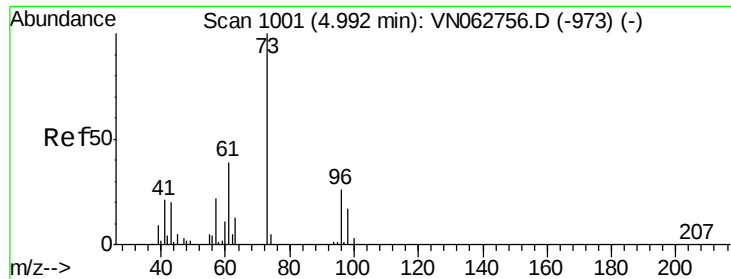
MMDadoda
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#18
Methyl Acetate
Concen: 18.485 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion: 43 Resp: 44563
Ion Ratio Lower Upper
43 100
74 22.9 18.6 28.0





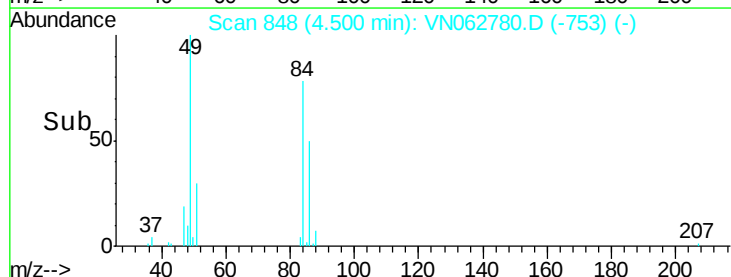
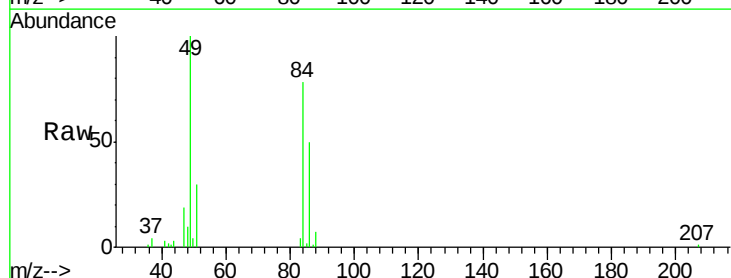
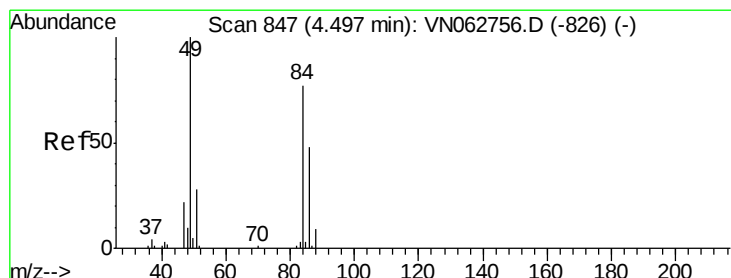
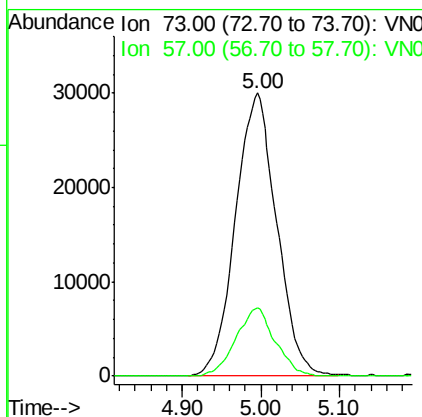
#19
Methvl tert-butvl Ether
Concen: 17.338 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tot Ion: 73 Resp: 110332
Ion Ratio Lower Upper
73 100
57 24.3 17.5 26.3

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

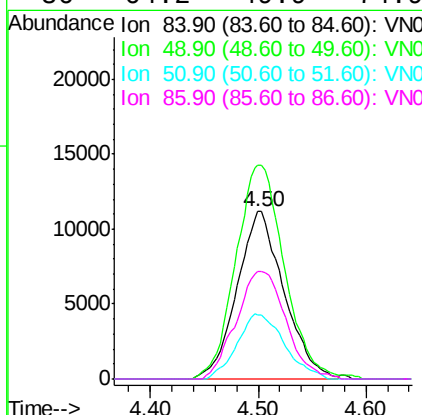
Manual Integrations
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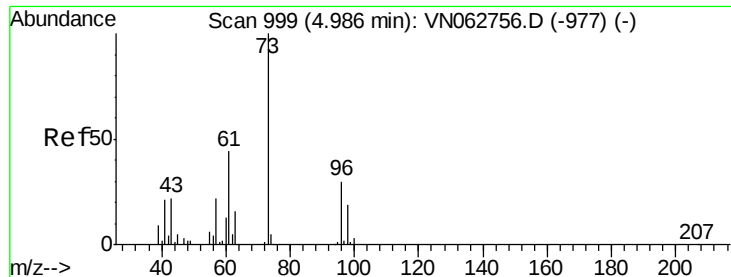
MMDadoda
8/10/2020 12:24:31 PM



#20
Methylene Chloride
Concen: 18.321 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion: 84 Resp: 33773
Ion Ratio Lower Upper
84 100
49 127.4 103.4 155.2
51 38.6 29.3 43.9
86 64.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.736 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

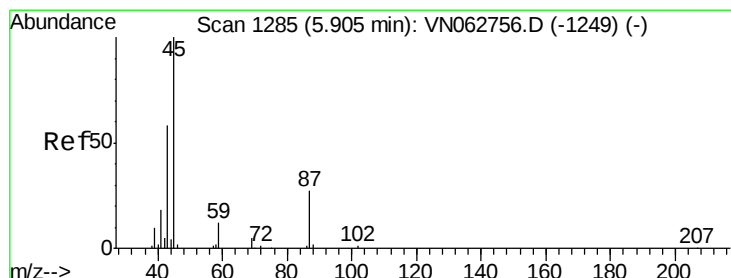
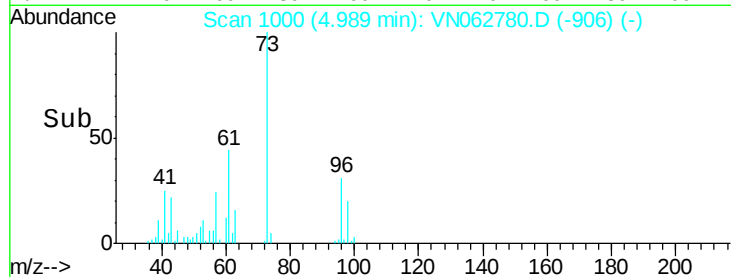
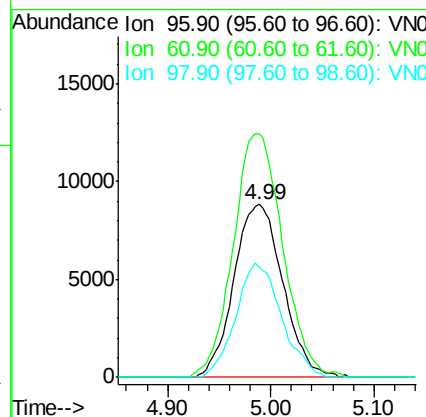
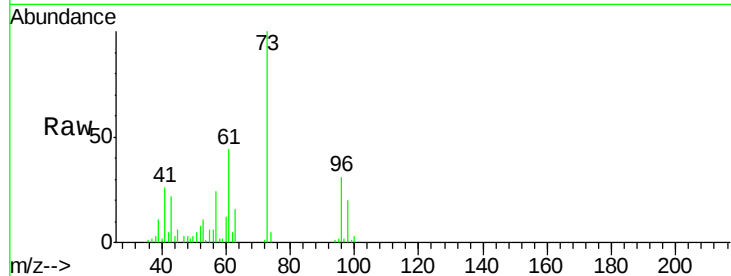
ClientSampled :

VN0807WBS01

Tot Ion:	96	Resp:	29153
Ion	Ratio	Lower	Upper
96	100		
61	139.0	118.8	178.2
98	63.8	51.0	76.4

Manual Integrations
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8/10/2020 12:24:31 PM



#22

Diisopropyl ether

Concen: 19.054 ug/l

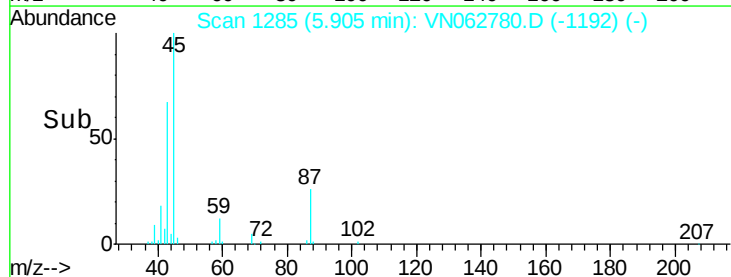
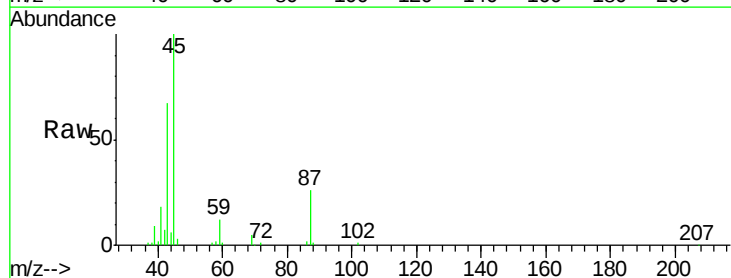
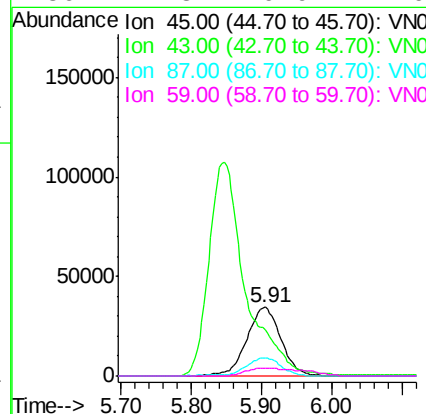
RT: 5.91 min Scan# 1285

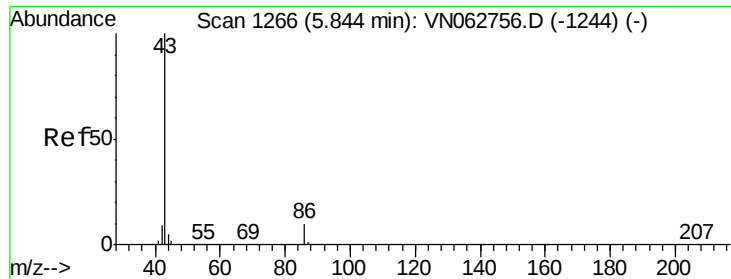
Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Tgt Ion:	45	Resp:	116644
Ion	Ratio	Lower	Upper
45	100		
43	64.9	47.4	71.2
87	26.1	22.8	34.2
59	11.8	9.9	14.9





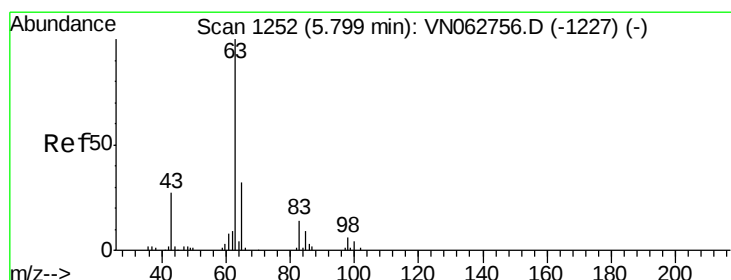
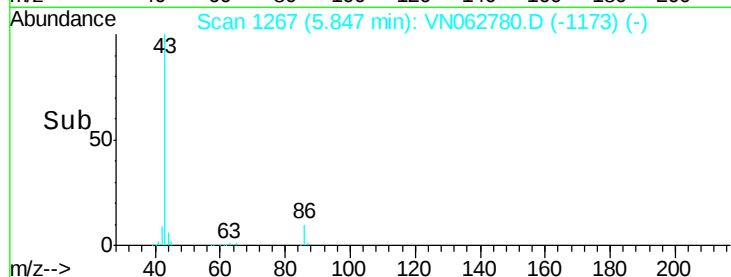
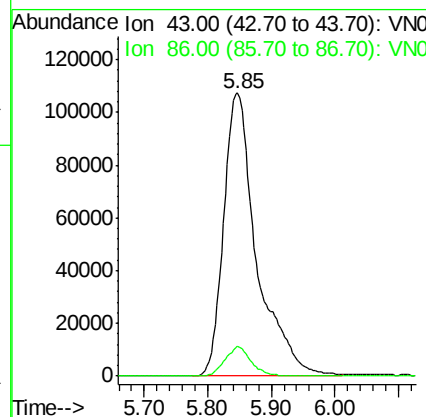
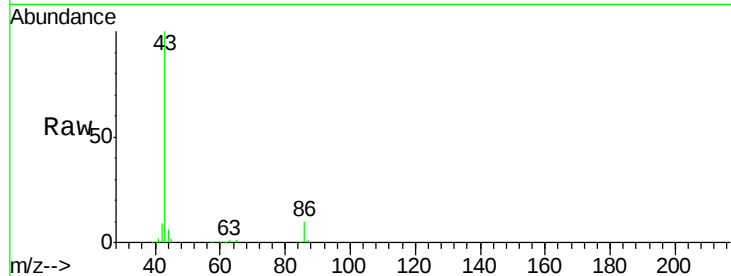
#23
 Vinyl Acetate
 Concen: 83.289 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

Tot Ion	43	Resp	387823
Ion Ratio	Lower	Upper	
43	100		
86	10.5	7.7	11.5

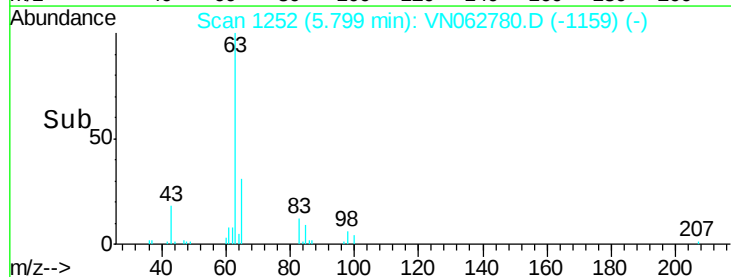
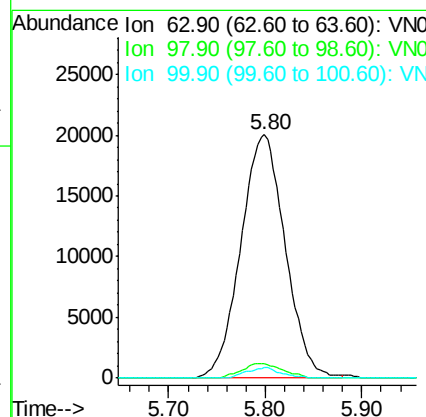
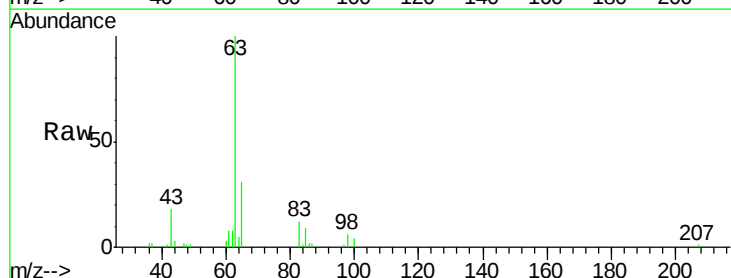
Manual Integrations
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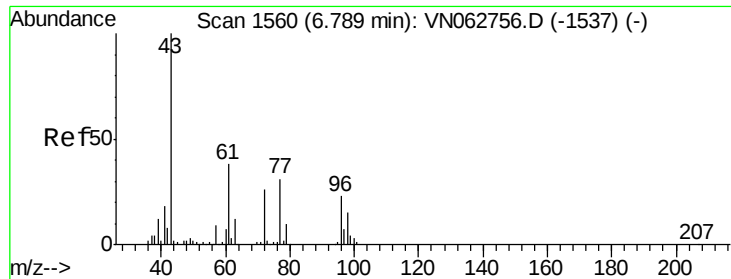
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 17.804 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Tgt Ion	63	Resp	63872
Ion Ratio	Lower	Upper	
63	100		
98	5.9	3.0	9.2
100	4.2	1.9	5.7





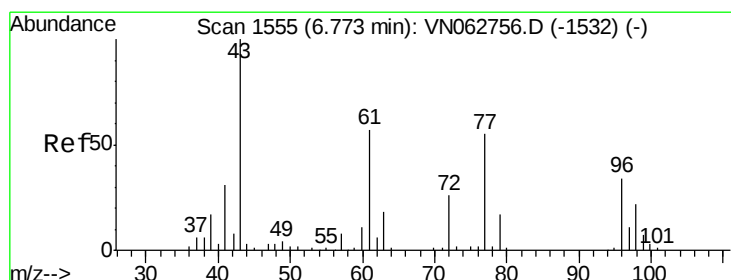
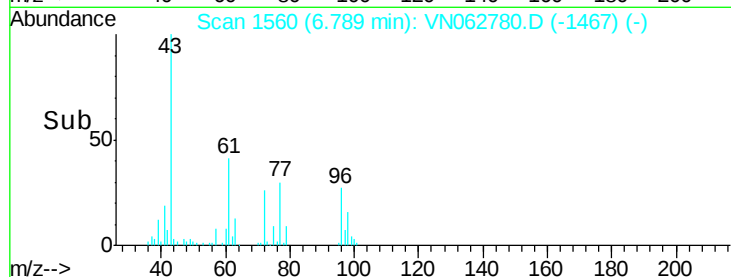
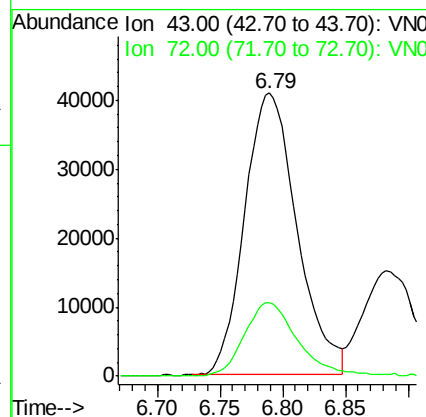
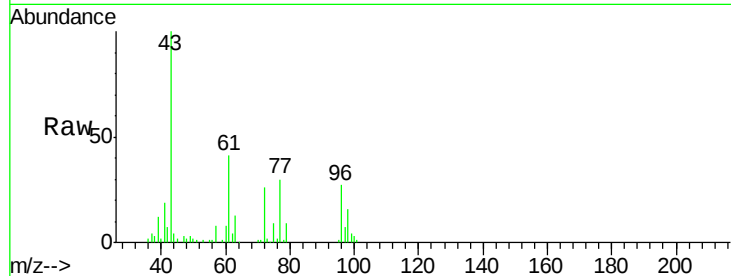
#25
2-Butanone
Concen: 85.603 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion: 43 Resp: 118995
Ion Ratio Lower Upper
43 100
72 26.1 21.1 31.7

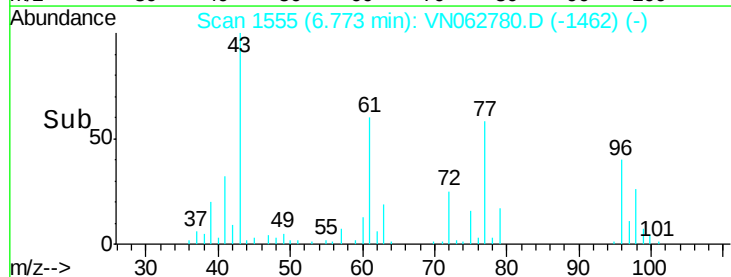
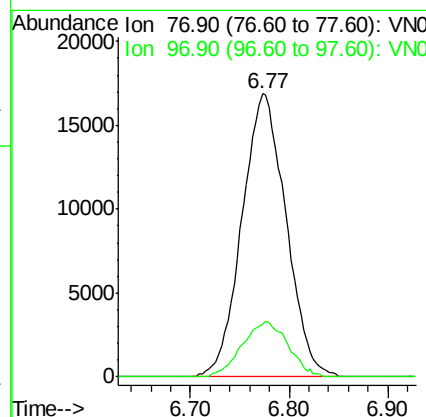
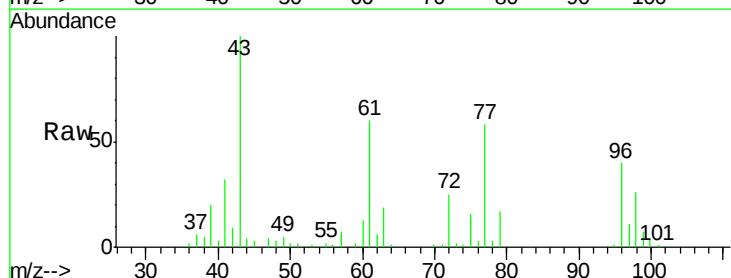
Manual Integrations
APPROVED

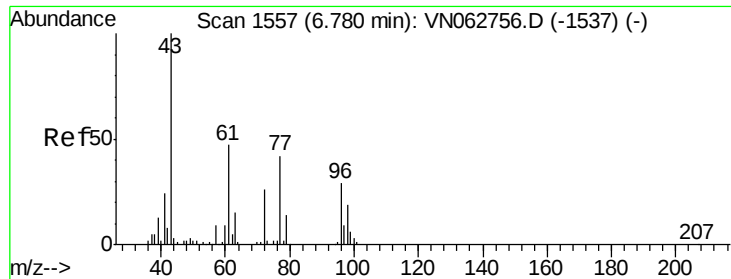
MMDadoda
8/10/2020 12:24:31 PM



#26
2,2-Dichloropropane
Concen: 15.807 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion: 77 Resp: 52272
Ion Ratio Lower Upper
77 100
97 20.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.174 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

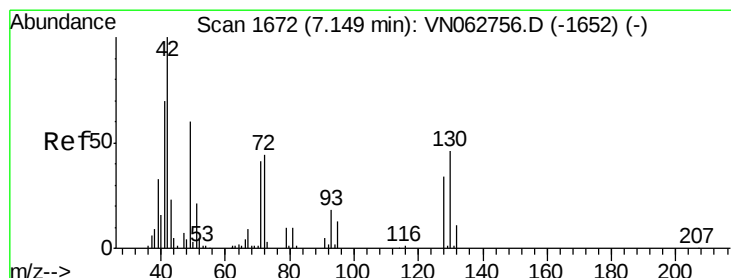
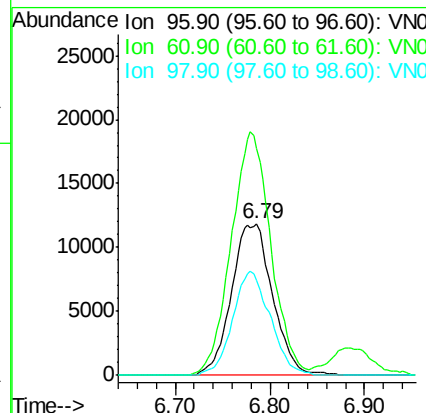
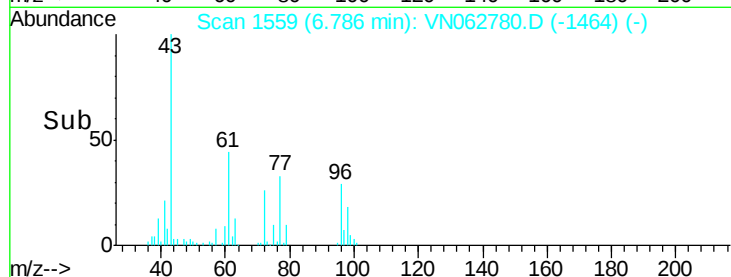
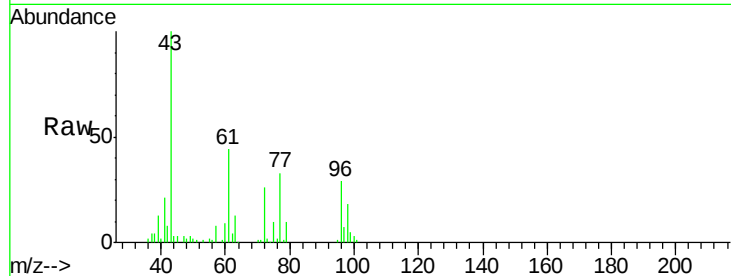
ClientSampleId :

VN0807WBS01

Tot Ion:	96	Resp:	35835
Ion	Ratio	Lower	Upper
96	100		
61	154.2	0.0	332.2
98	62.7	0.0	129.4

Manual Integrations
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#28

Bromochloromethane

Concen: 20.003 ug/l

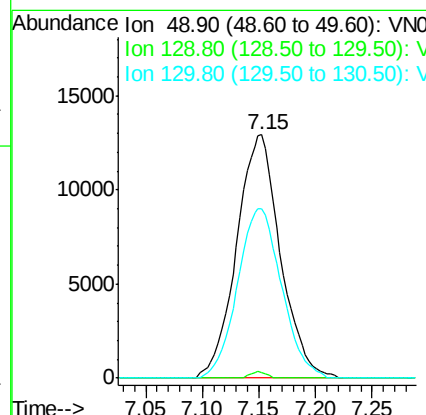
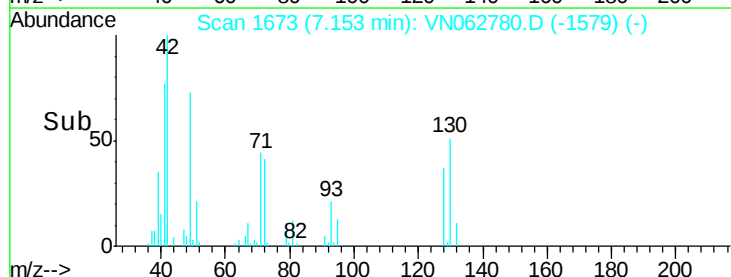
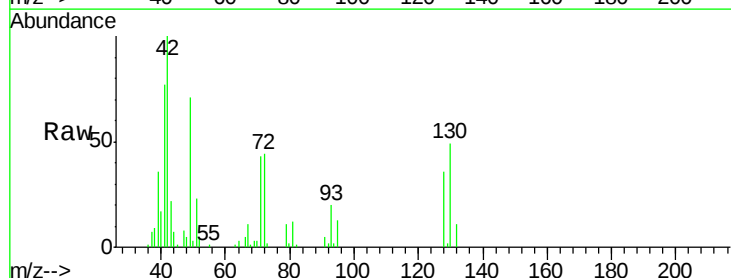
RT: 7.15 min Scan# 1673

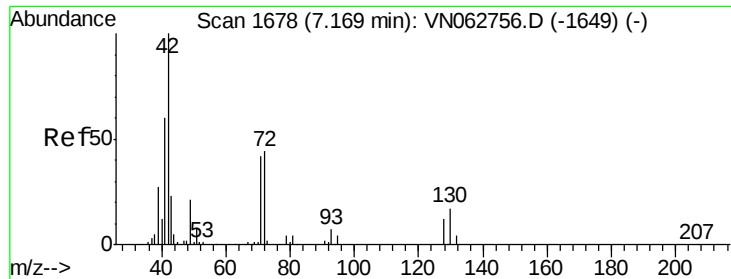
Delta R.T. 0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Tgt Ion:	49	Resp:	34634
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.2
130	70.4	59.0	88.6





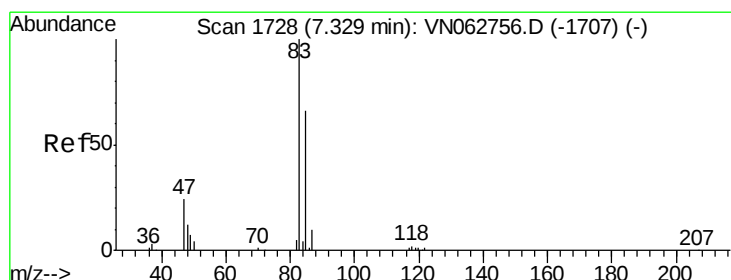
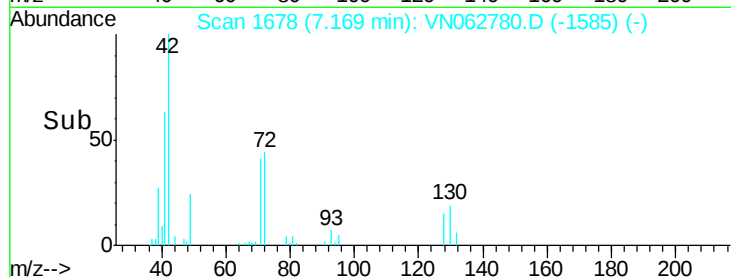
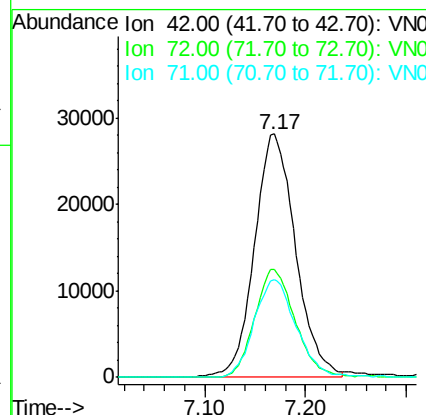
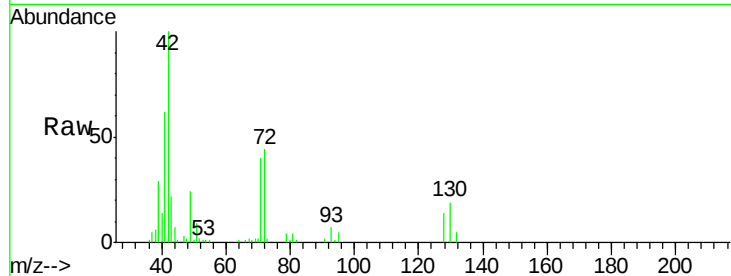
#29
Tetrahydrofuran
Concen: 88.043 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.0	52.4
71	41.0	33.2	49.8

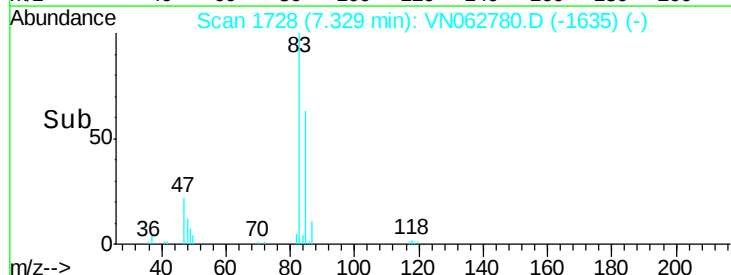
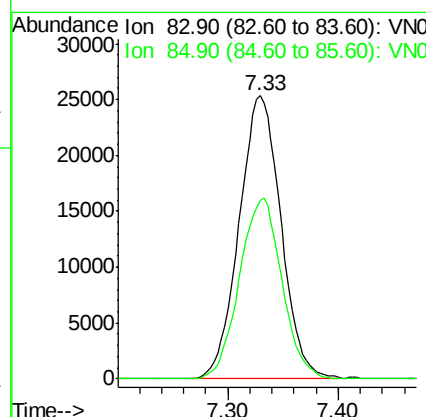
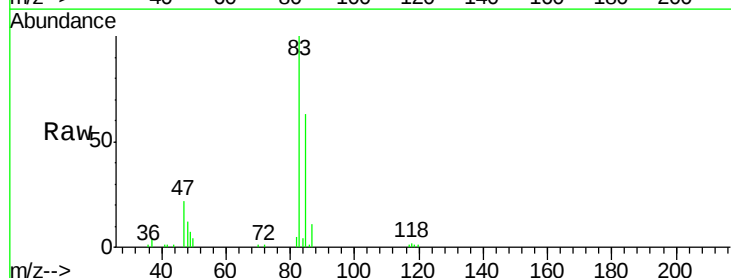
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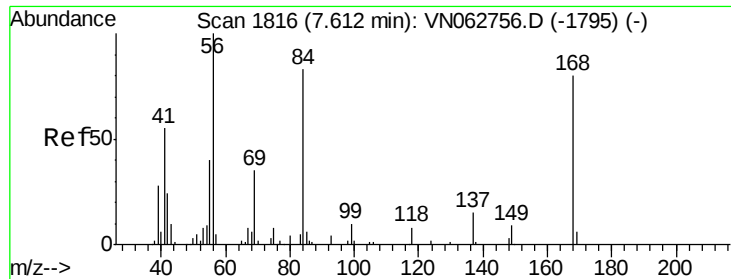
MMDadoda
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#30
Chloroform
Concen: 17.461 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.7	79.1





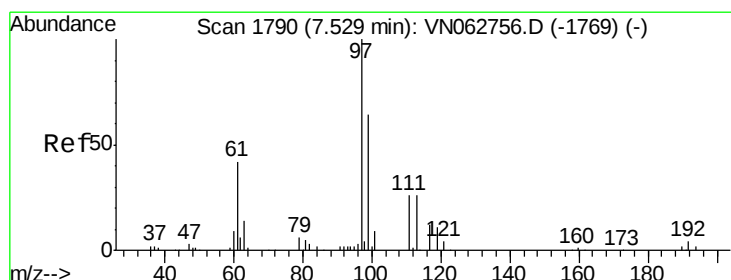
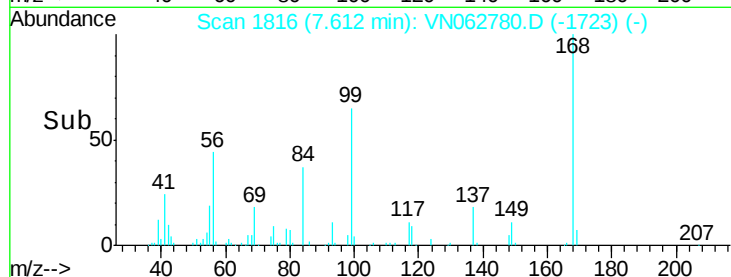
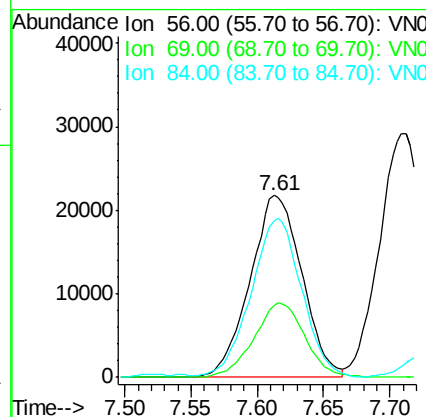
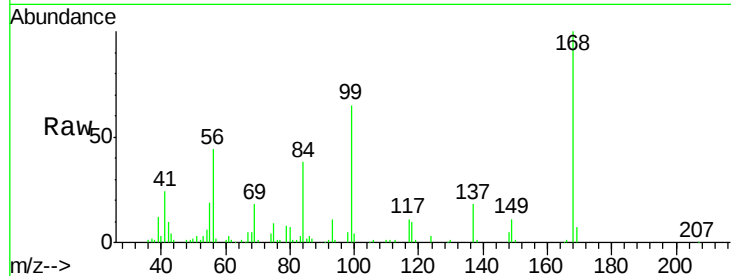
#31
Cyclohexane
Concen: 18.011 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.7	28.1	42.1
84	85.0	66.8	100.2

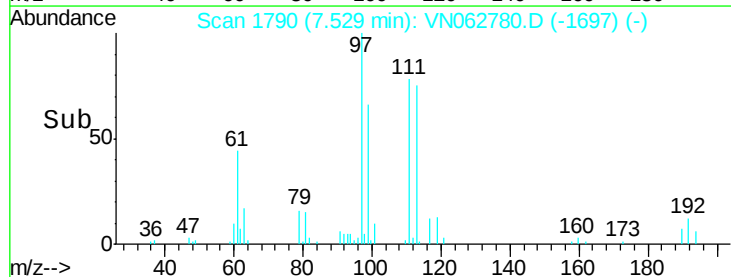
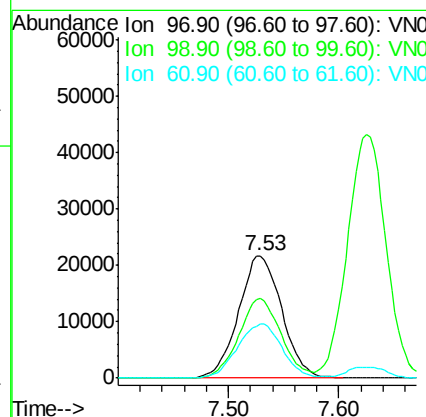
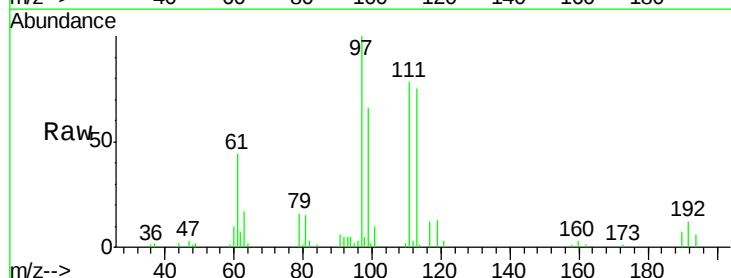
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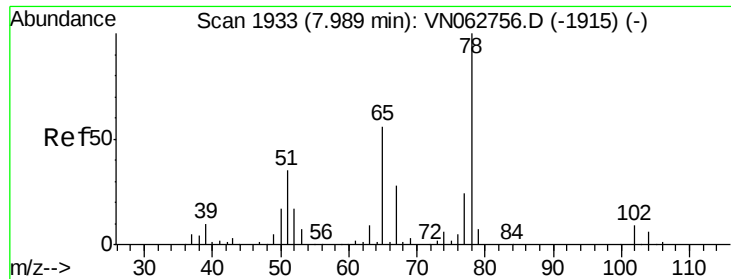
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#32
1,1,1-Trichloroethane
Concen: 17.172 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.0	75.0
61	46.1	34.8	52.2





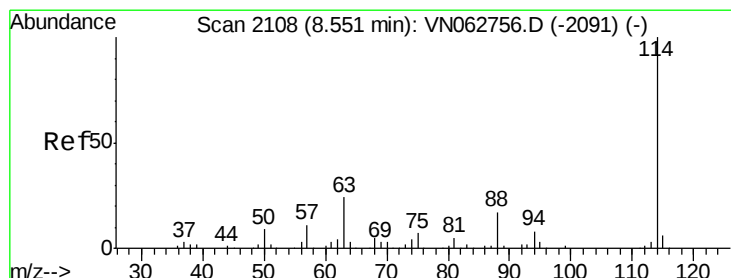
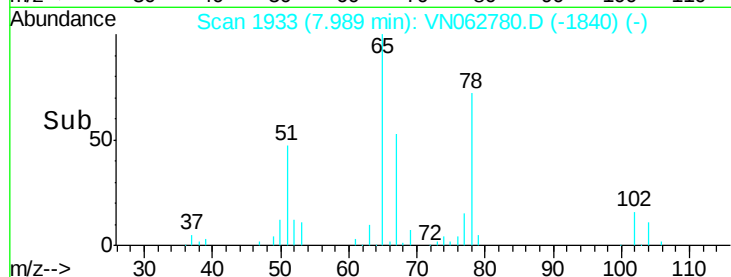
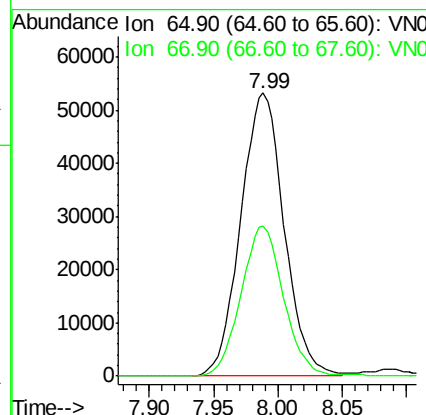
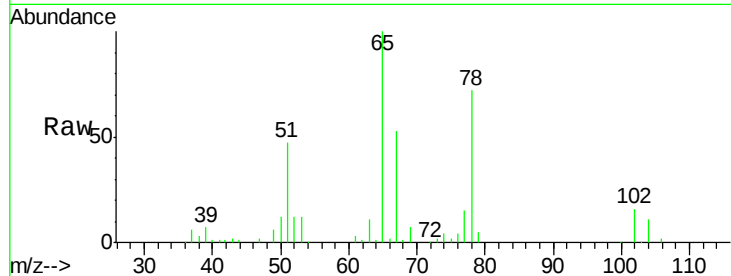
#33
 1,2-Dichloroethane-d4
 Concen: 45.914 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	101.4	

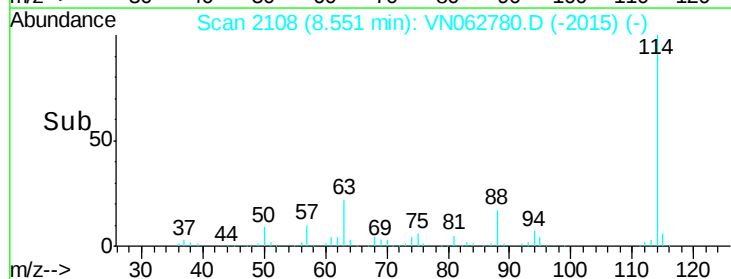
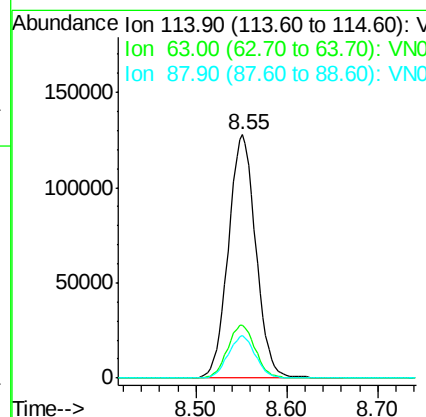
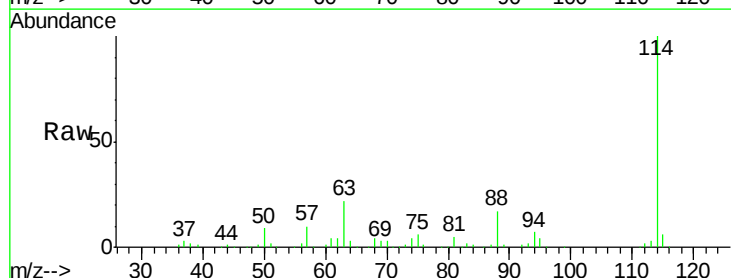
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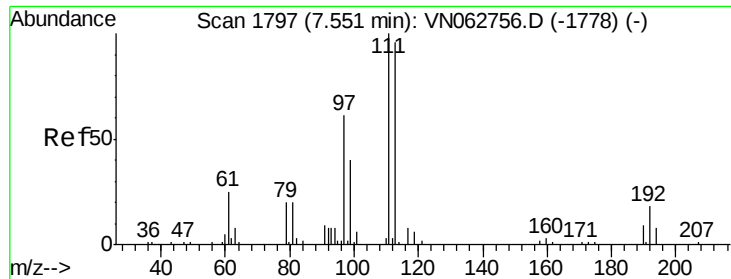
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.0	0.0	47.6	
88	17.3	0.0	34.4	





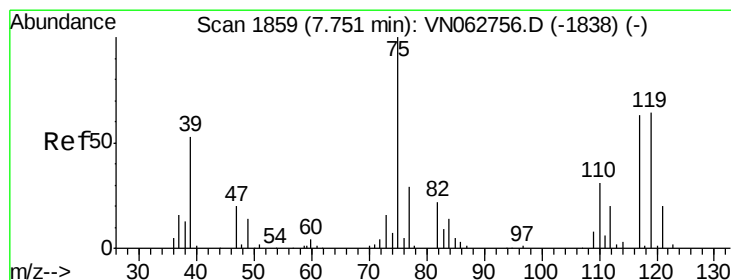
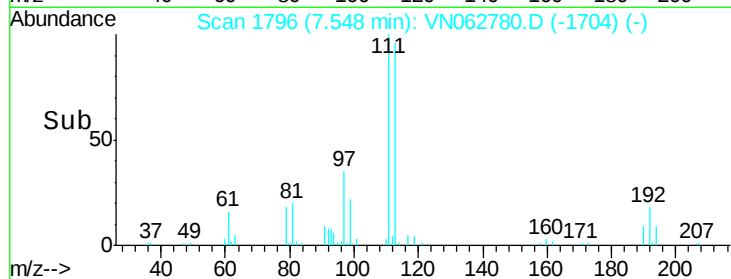
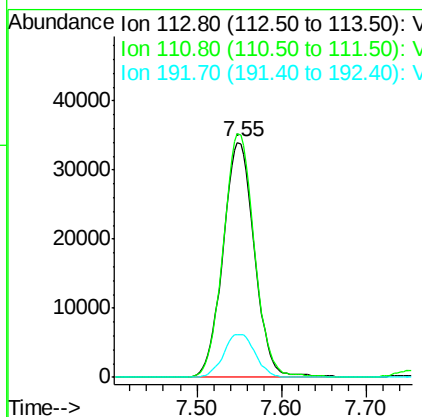
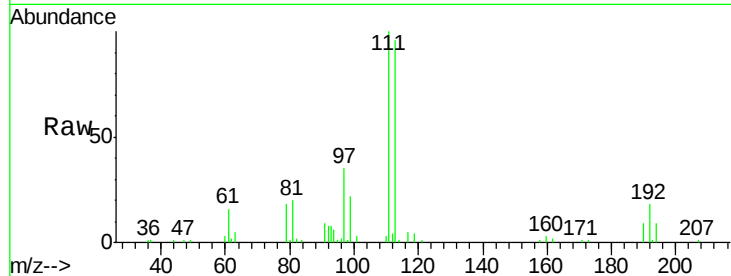
#35
 Dibromofluoromethane
 Concen: 48.152 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.5	81.8	122.6	
192	18.3	15.0	22.4	

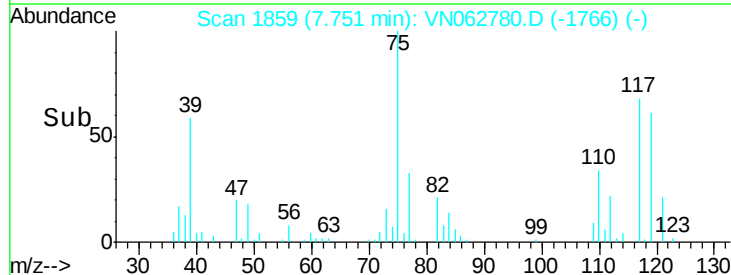
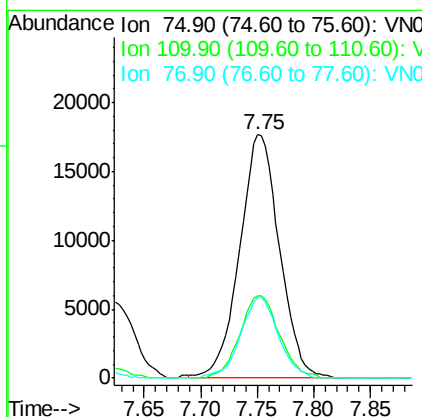
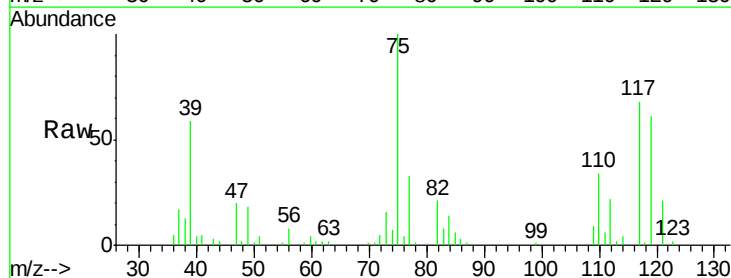
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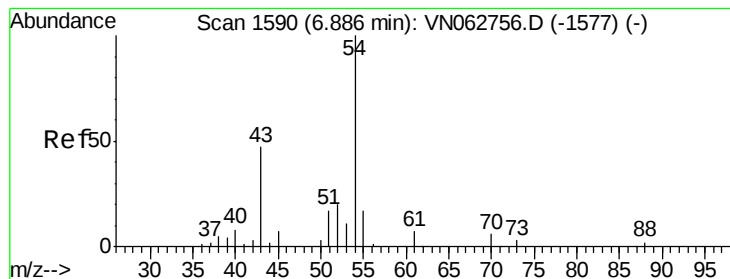
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#36
 1,1-Dichloropropene
 Concen: 16.574 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.5	15.6	46.7	
77	31.6	24.1	36.1	





#37

Ethyl Acetate

Concen: 15.192 ug/l

RT: 6.88 min Scan# 1589

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

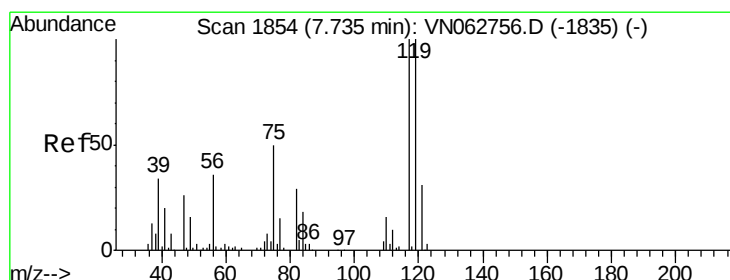
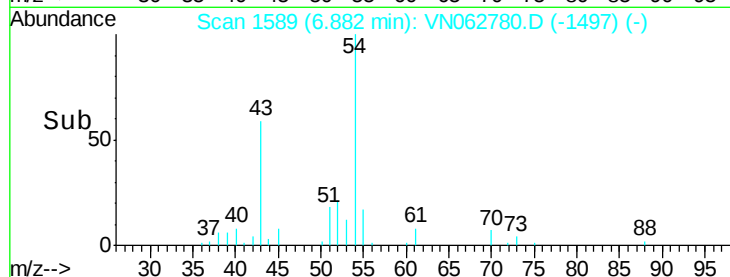
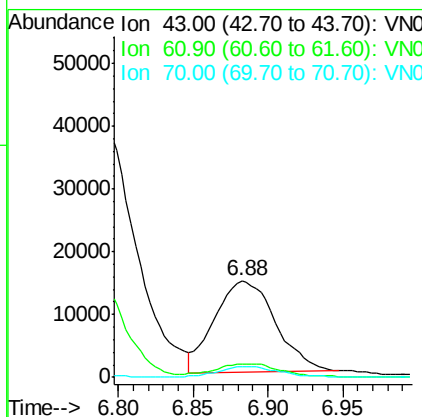
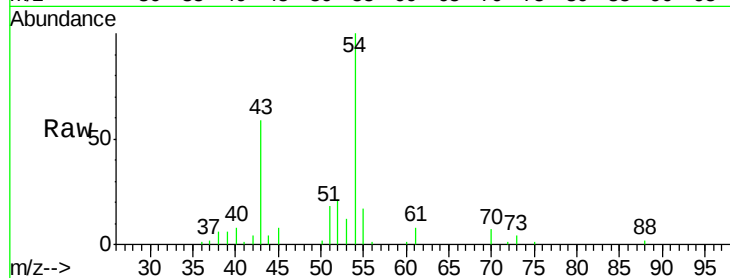
ClientSampleId :

VN0807WBS01

Tot Ion:	43	Resp:	41354
Ion	Ratio	Lower	Upper
43	100		
61	16.9	12.1	18.1
70	11.5	8.3	12.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 16.443 ug/l

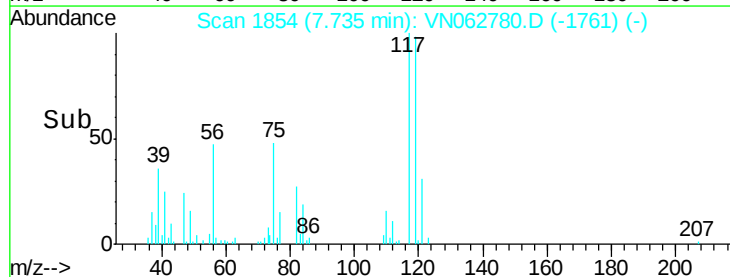
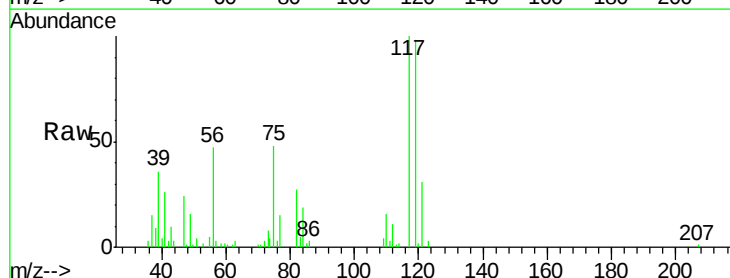
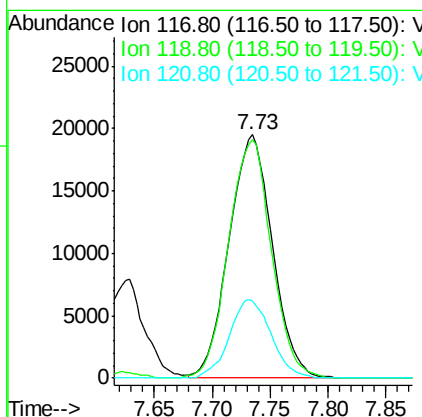
RT: 7.73 min Scan# 1854

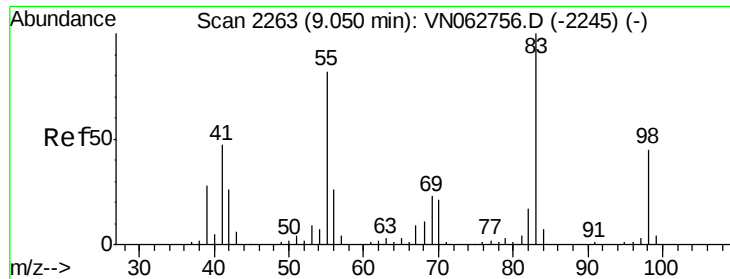
Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Tgt Ion:	117	Resp:	50675
Ion	Ratio	Lower	Upper
117	100		
119	98.0	79.4	119.2
121	31.5	24.9	37.3





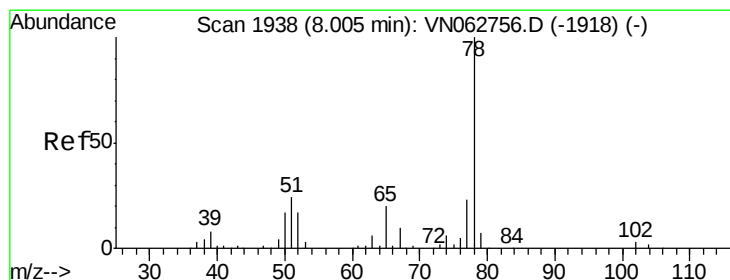
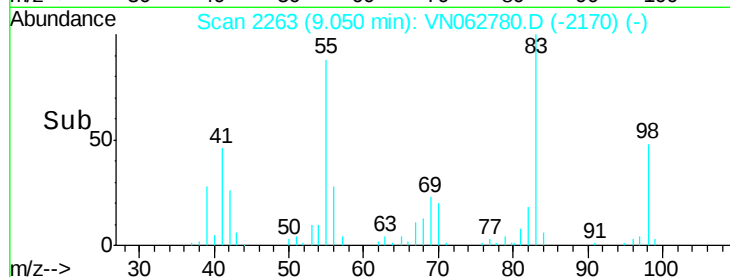
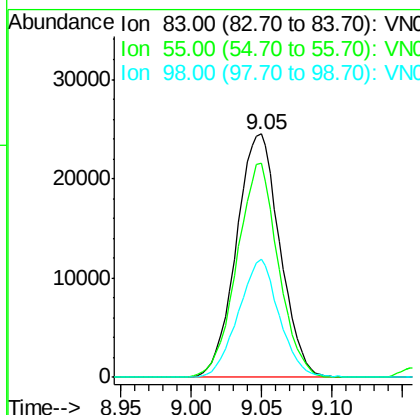
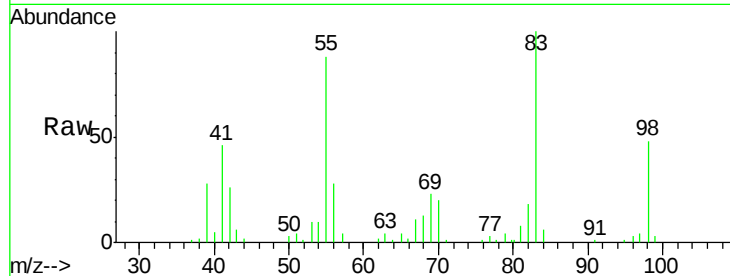
#39
Methvlcvclohexane
Concen: 16.863 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion	83	Resp	52881
Ion Ratio	Lower	Upper	
83	100		
55	88.2	65.7	98.5
98	48.3	35.6	53.4

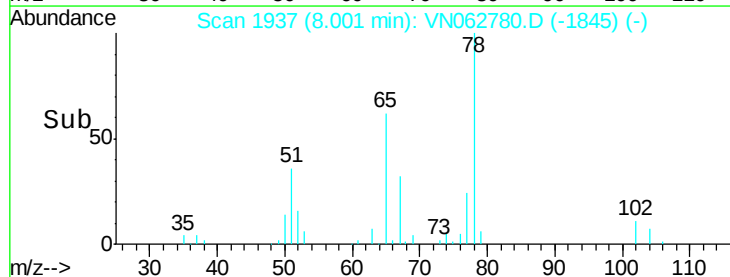
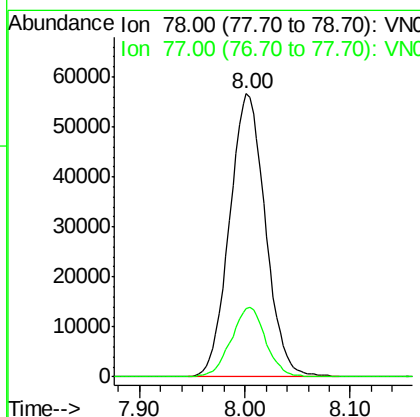
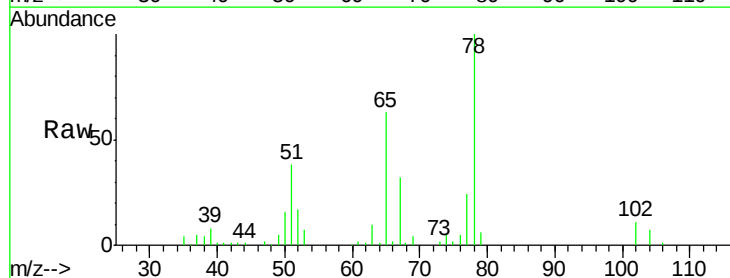
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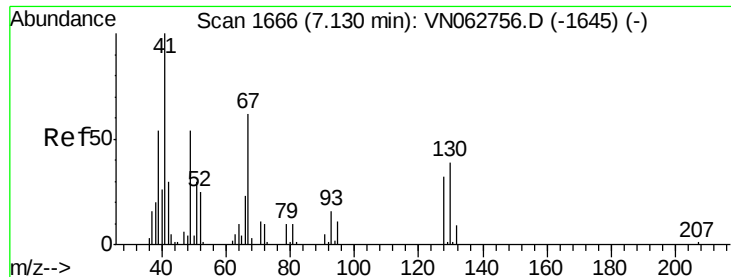
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#40
Benzene
Concen: 17.203 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	78	Resp	133766
Ion Ratio	Lower	Upper	
78	100		
77	24.1	18.1	27.1





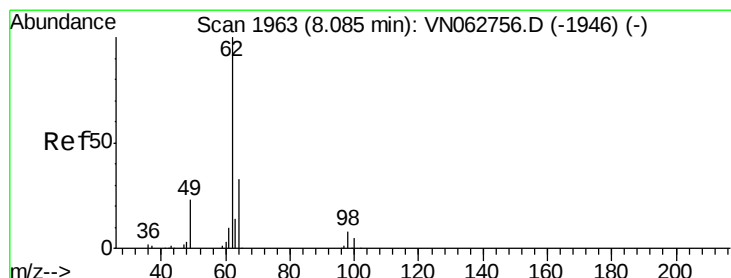
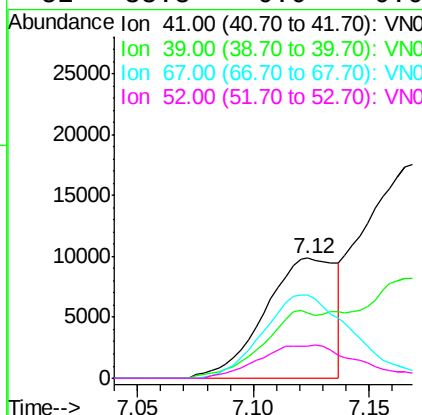
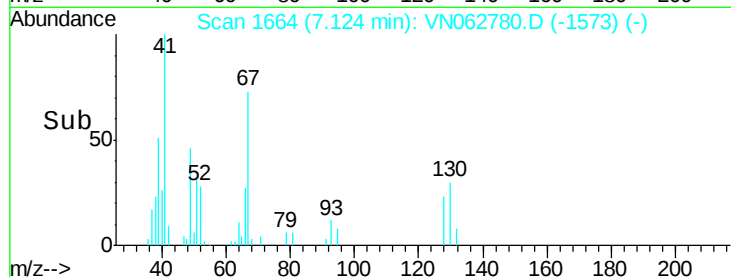
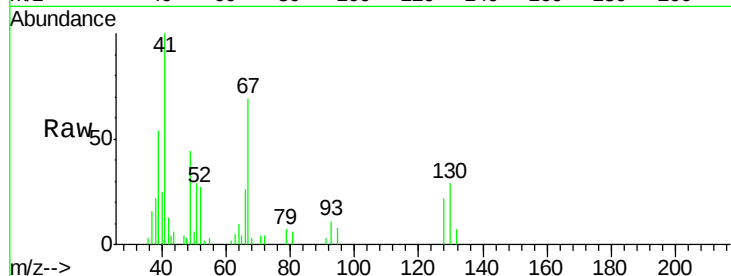
#41
Methacrylonitrile
Concen: 17.165 ug/l m
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	41.3	69.4	104.2#
67	89.1	0.0	0.0#
52	38.8	0.0	0.0#

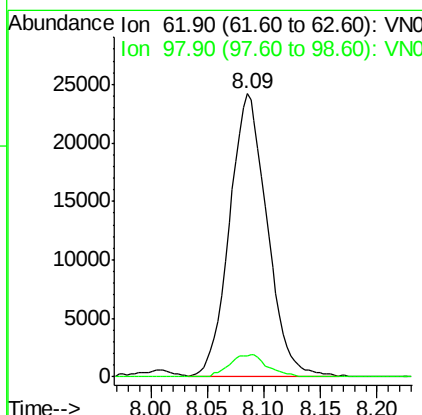
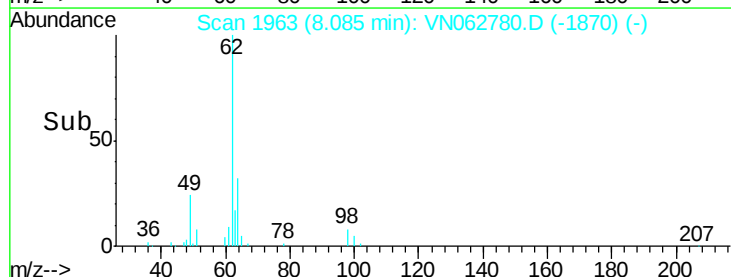
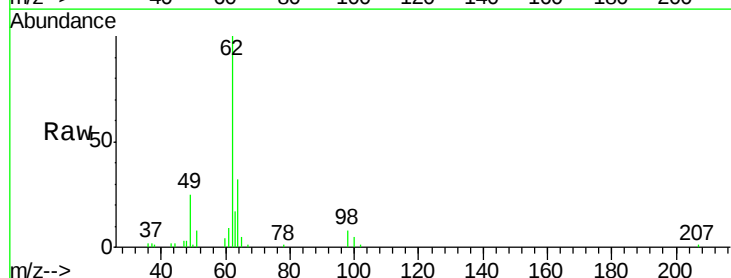
Manual Integrations
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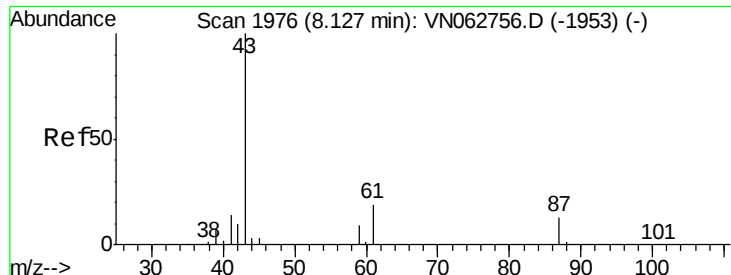
MMDadoda
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#42
1,2-Dichloroethane
Concen: 16.968 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8





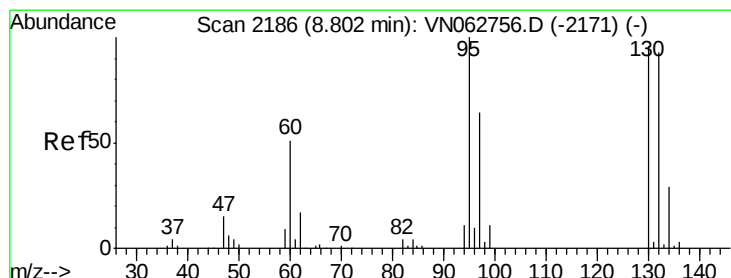
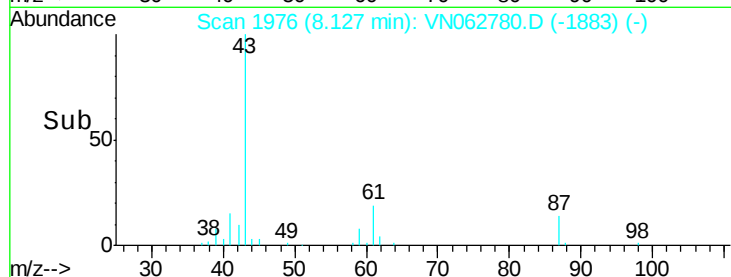
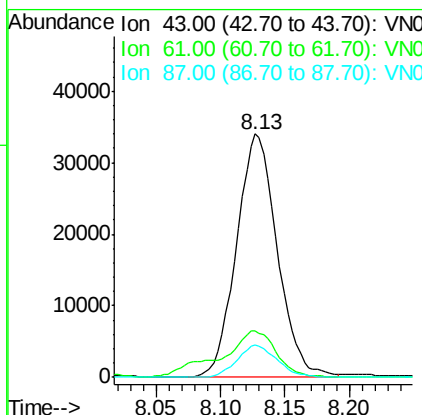
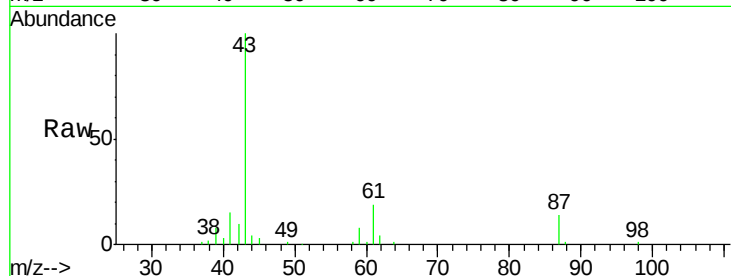
#43
Isopropyl Acetate
Concen: 16.505 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.2	15.8	23.6#
87	12.9	9.9	14.9

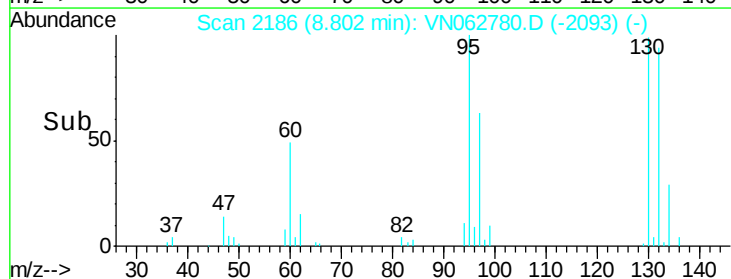
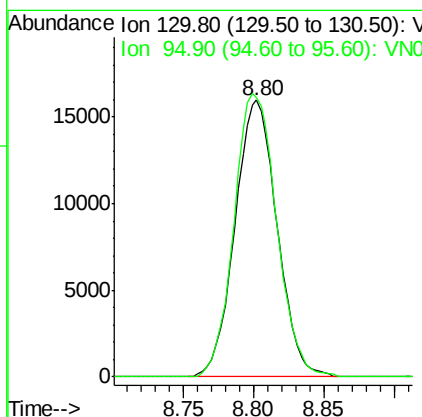
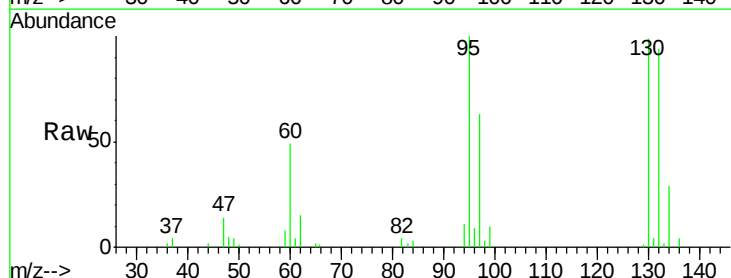
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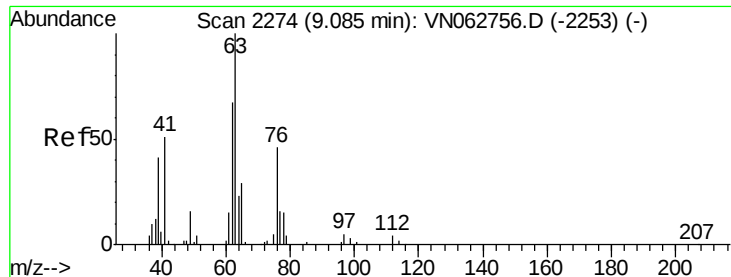
MMDadoda
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#44
Trichloroethene
Concen: 17.610 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	207.6





#45

1,2-Dichloropropane

Concen: 17.994 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

Tot Ion: 63 Resp: 37870

Ion Ratio Lower Upper

63 100

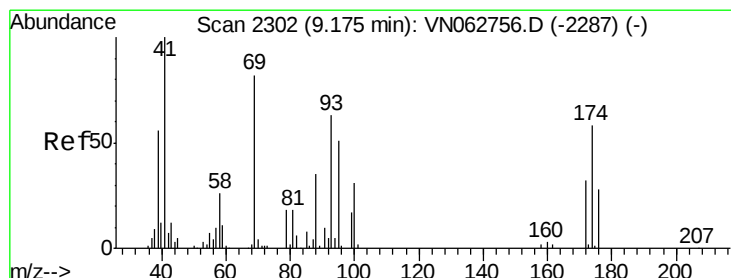
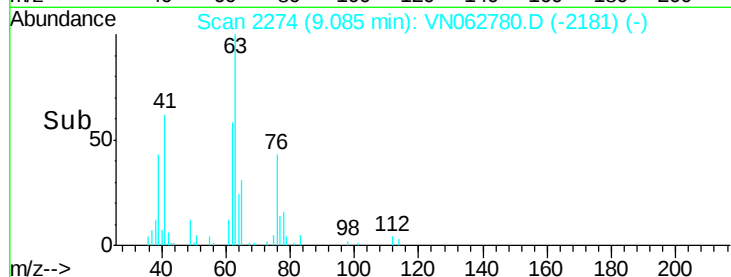
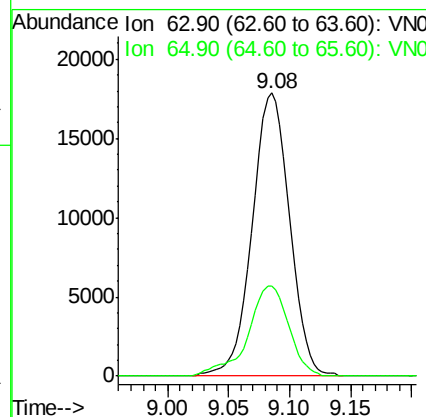
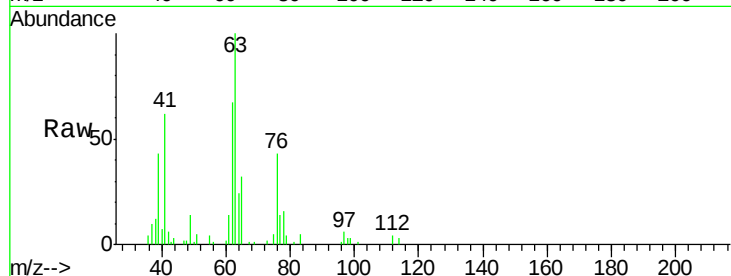
65 31.7 23.5 35.3

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#46

Dibromomethane

Concen: 17.688 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

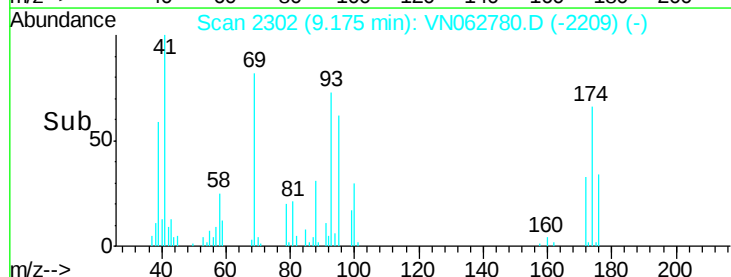
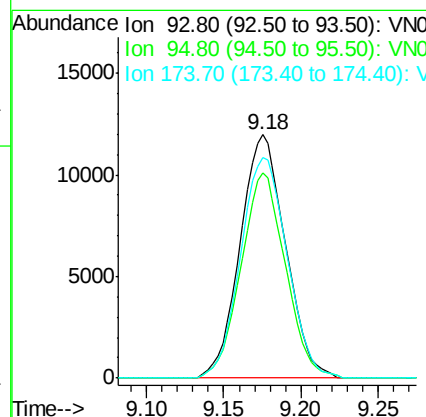
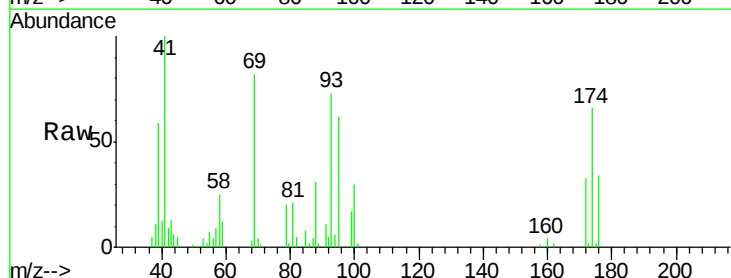
Tgt Ion: 93 Resp: 24391

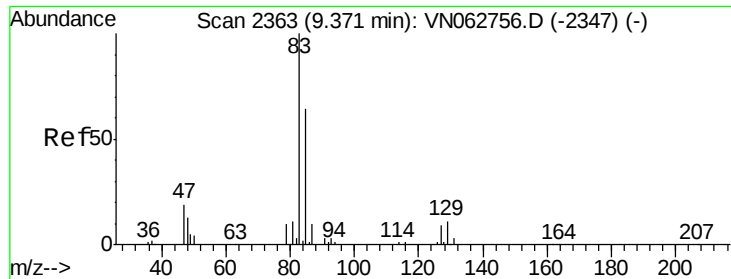
Ion Ratio Lower Upper

93 100

95 82.6 65.1 97.7

174 93.1 73.9 110.9





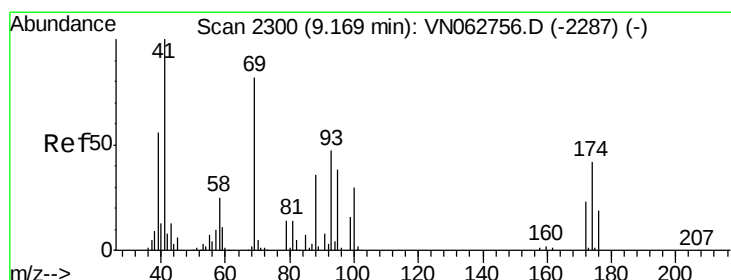
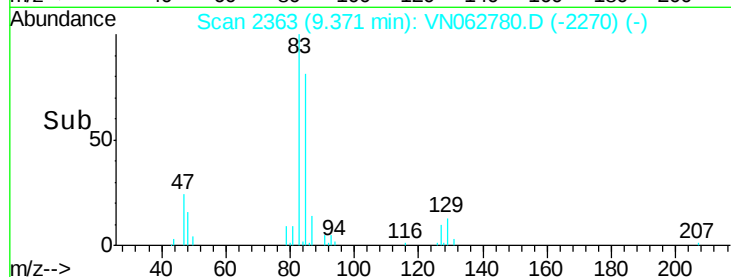
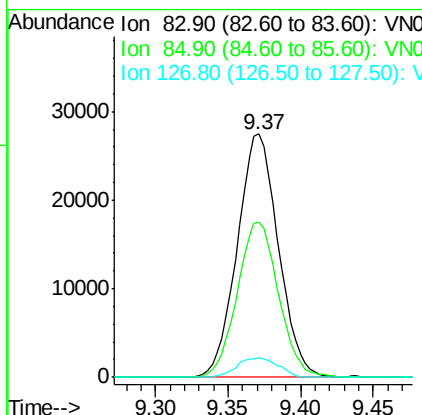
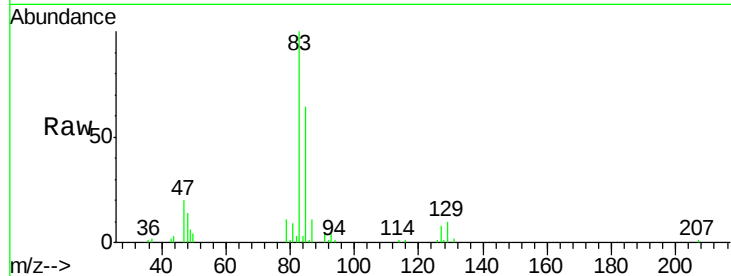
#47
Bromodichloromethane
Concen: 17.485 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.4	77.0
127	7.9	6.9	10.3

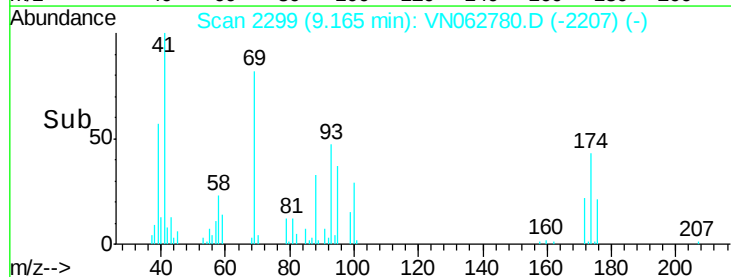
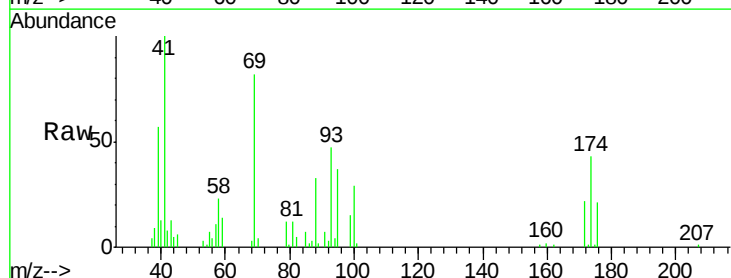
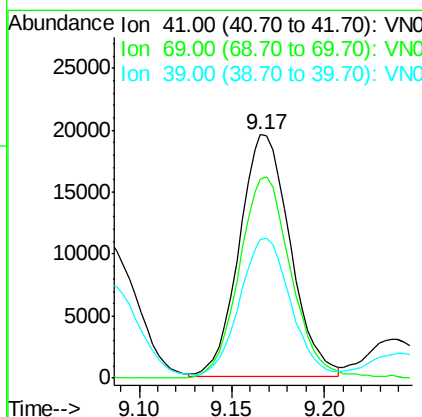
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#48
Methyl methacrylate
Concen: 16.707 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.3	67.4	101.2
39	58.5	47.6	71.4





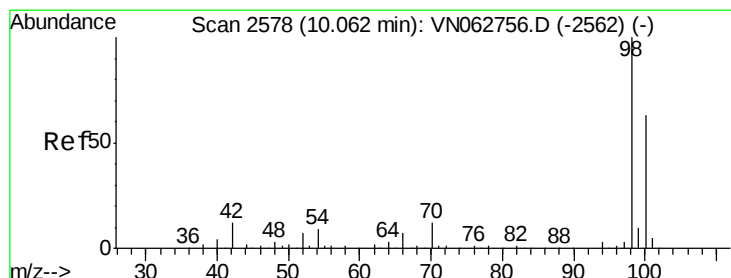
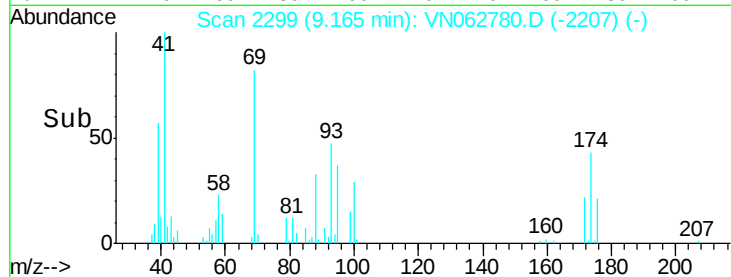
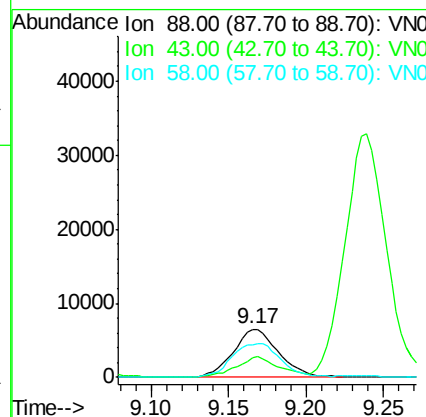
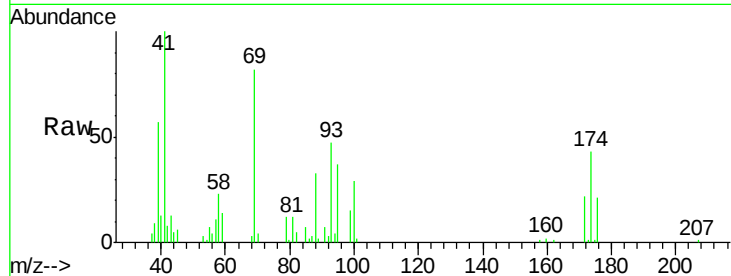
#49
1,4-Dioxane
Concen: 319.331 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	40.7	29.5	44.3	
58	75.2	59.8	89.8	

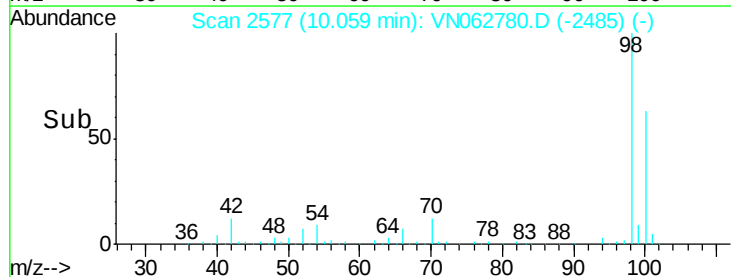
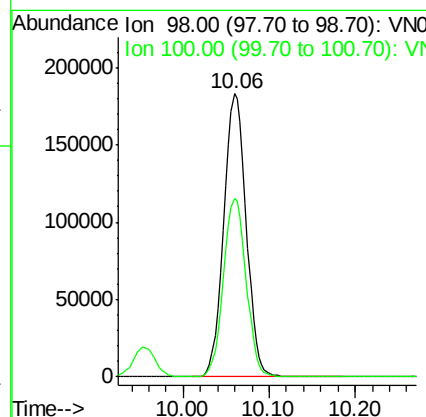
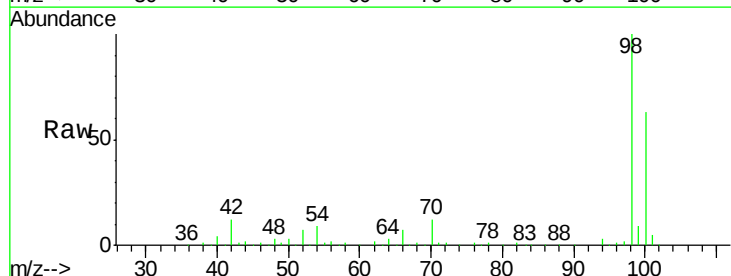
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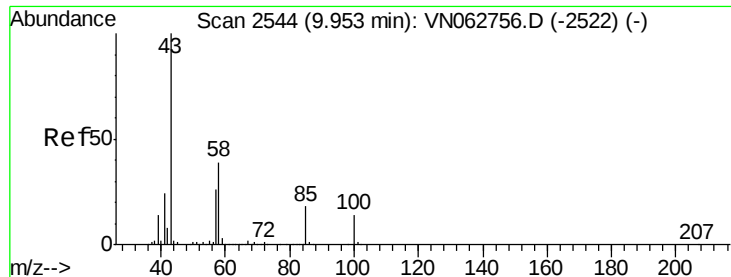
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#50
Toluene-d8
Concen: 46.667 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	63.6	50.9	76.3	





#51

4-Methyl-2-Pentanone

Concen: 86.501 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

Tot Ion: 43 Resp: 254108

Ion Ratio Lower Upper

43 100

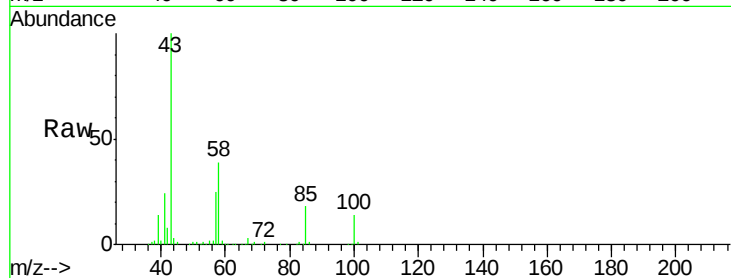
58 38.5 31.1 46.7

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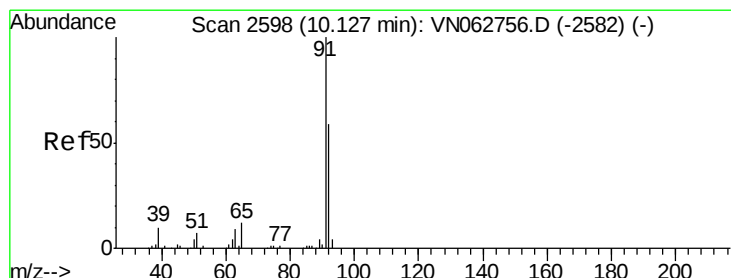
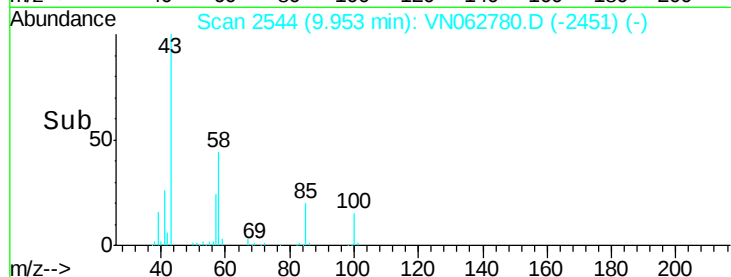
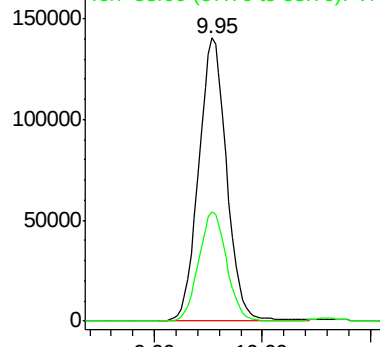
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 17.557 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062780.D

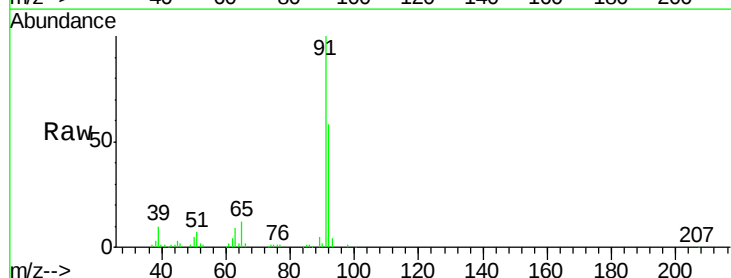
Acq: 7 Aug 2020 15:39

Tgt Ion: 92 Resp: 84290

Ion Ratio Lower Upper

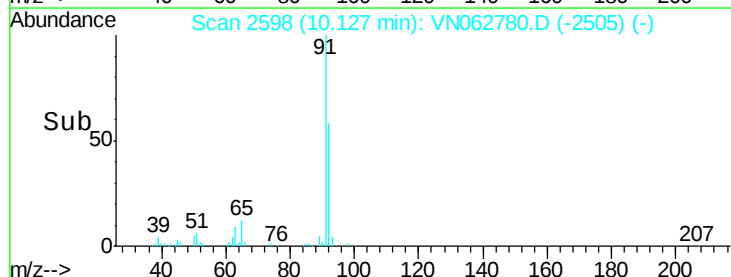
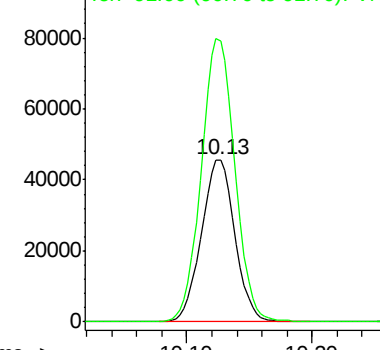
92 100

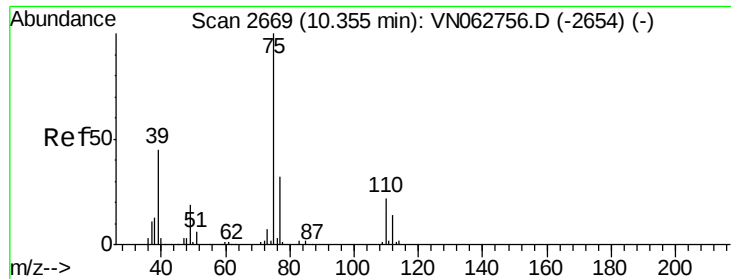
91 175.8 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





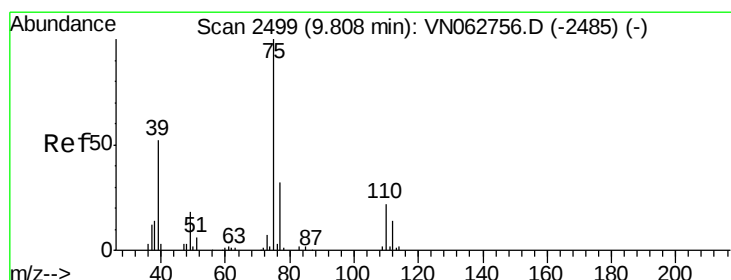
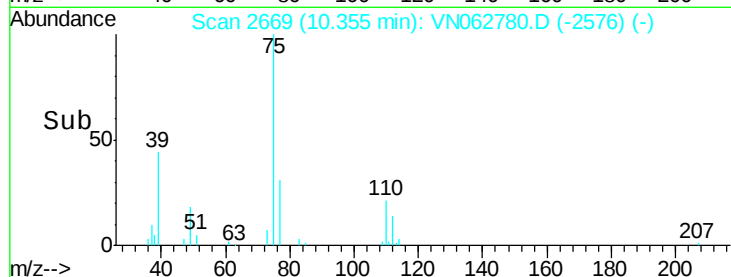
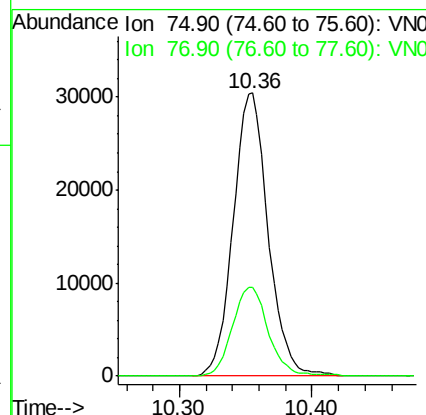
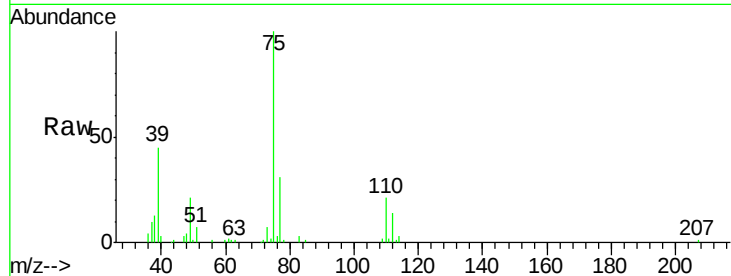
#53
t-1,3-Dichloropropene
Concen: 16.318 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion: 75 Resp: 55589
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

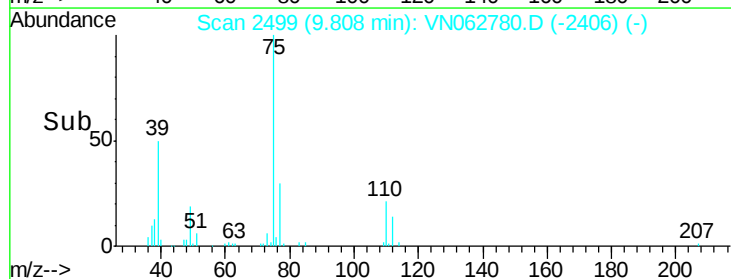
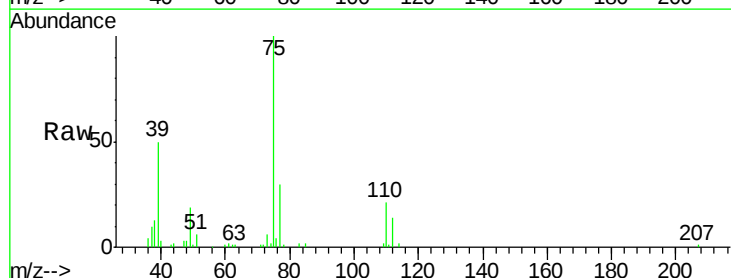
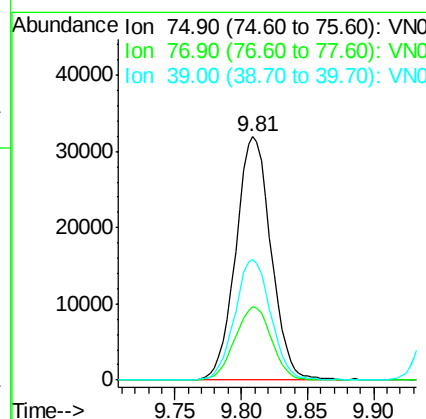
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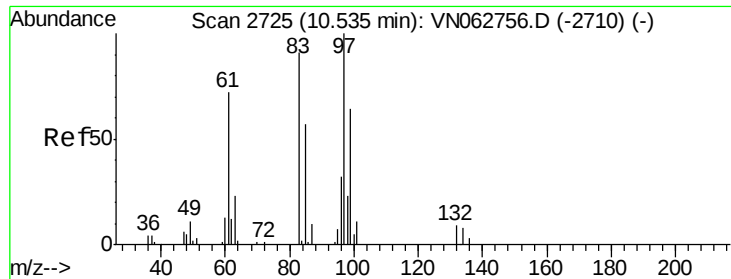
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#54
cis-1,3-Dichloropropene
Concen: 17.247 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion: 75 Resp: 58991
Ion Ratio Lower Upper
75 100
77 30.1 25.5 38.3
39 49.7 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 17.456 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

Tot Ion: 97 Resp: 35793

Ion Ratio Lower Upper

97 100

83 88.6 72.6 108.8

85 56.9 46.0 69.0

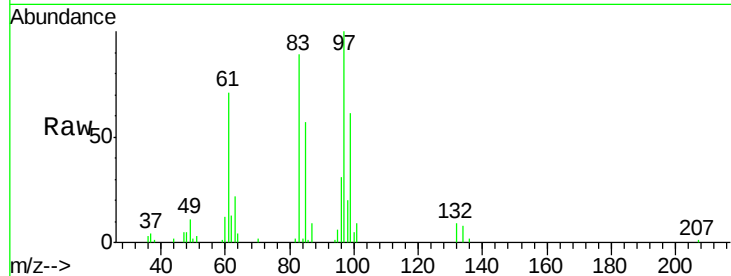
99 61.0 51.1 76.7

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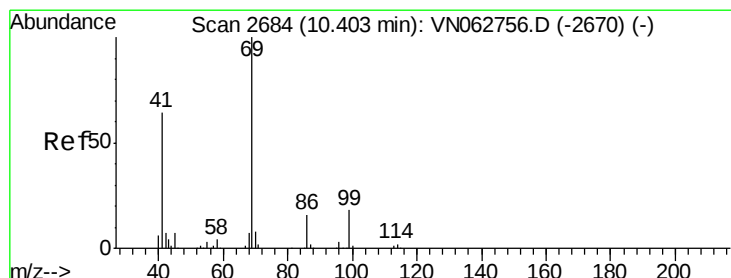
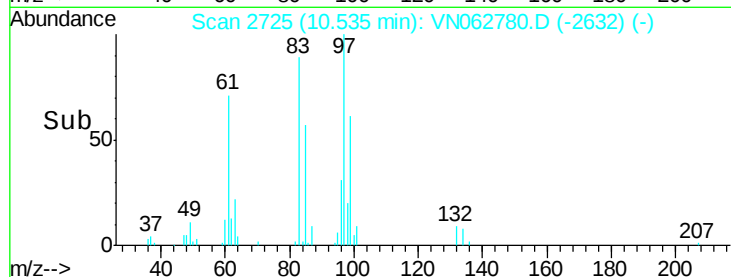
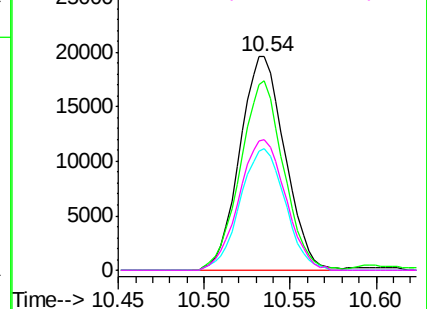


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 16.906 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

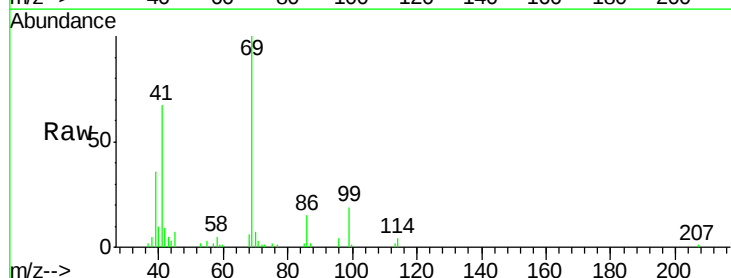
Tgt Ion: 69 Resp: 52179

Ion Ratio Lower Upper

69 100

41 66.6 52.2 78.2

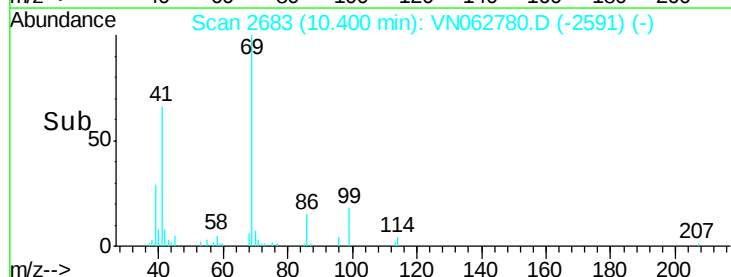
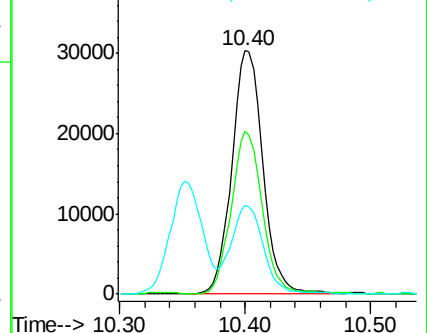
39 36.9 30.9 46.3

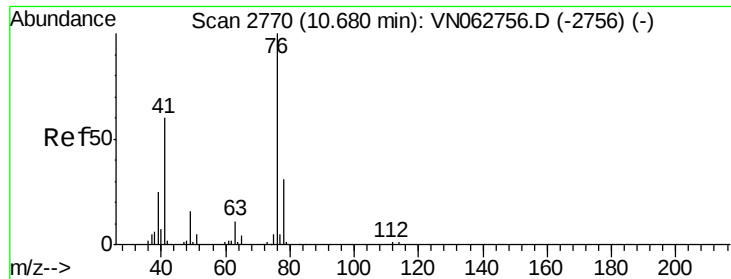


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 17.211 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

Tot Ion: 76 Resp: 59965

Ion Ratio Lower Upper

76 100

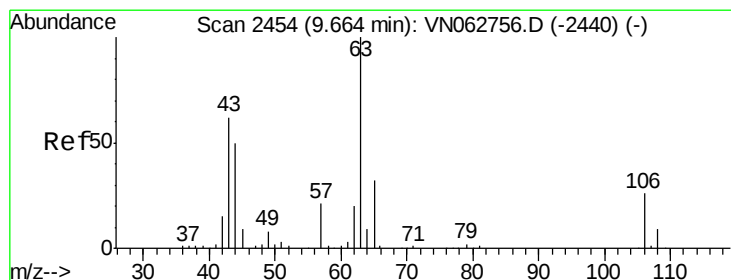
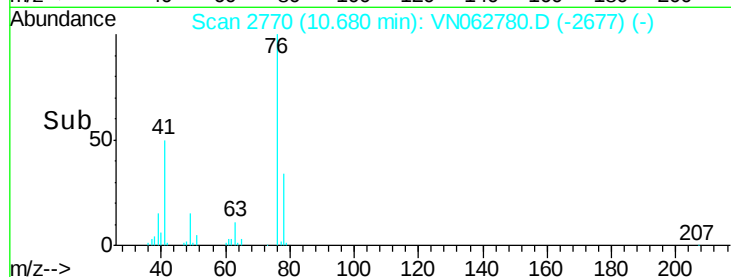
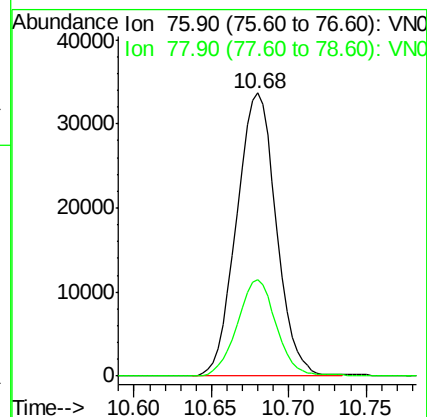
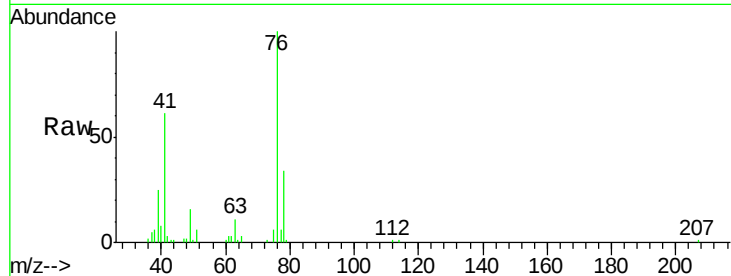
78 33.5 25.4 38.0

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#58

2-Chloroethyl Vinyl ether

Concen: 77.477 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062780.D

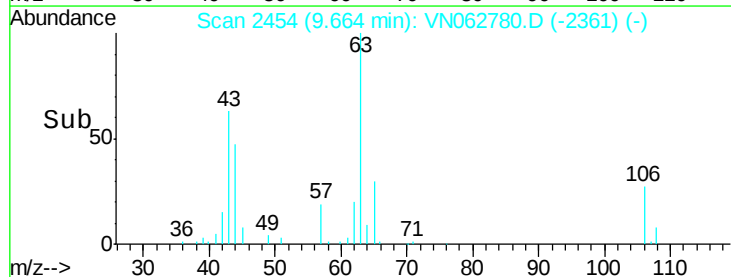
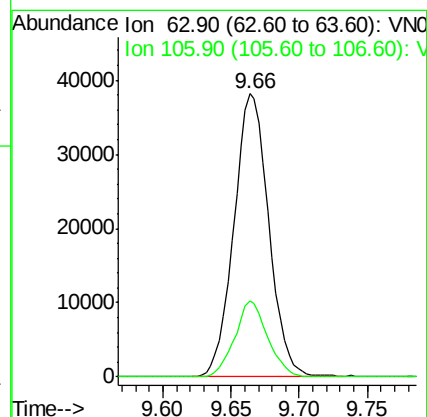
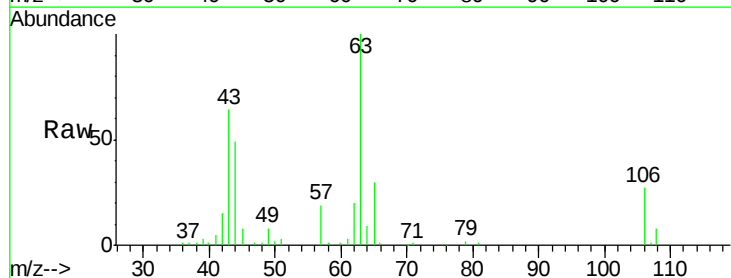
Acq: 7 Aug 2020 15:39

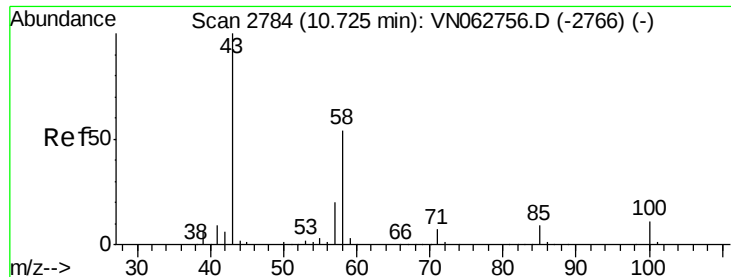
Tgt Ion: 63 Resp: 67592

Ion Ratio Lower Upper

63 100

106 25.3 20.9 31.3





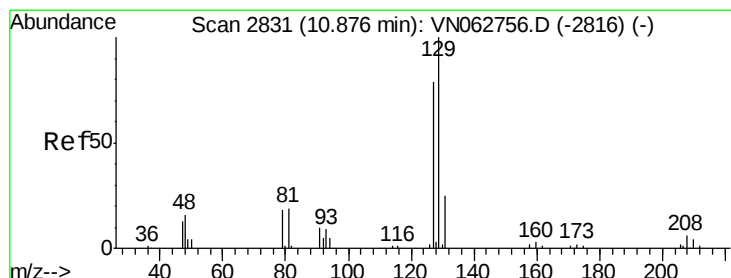
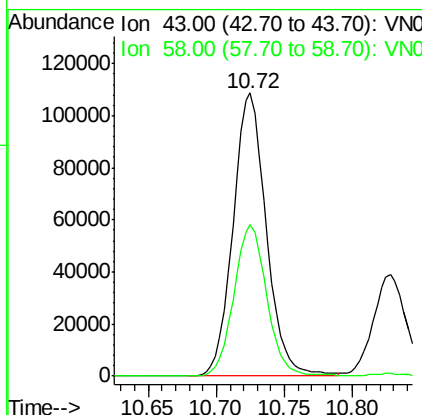
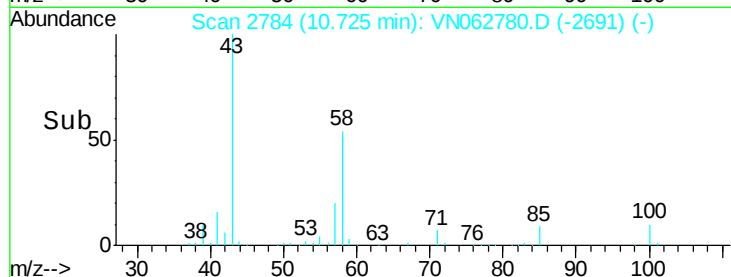
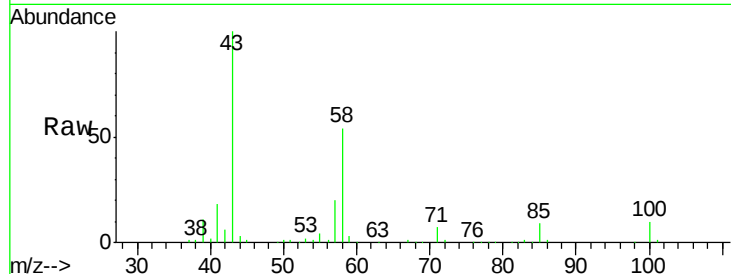
#59
2-Hexanone
Concen: 83.486 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion: 43 Resp: 182945
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.1

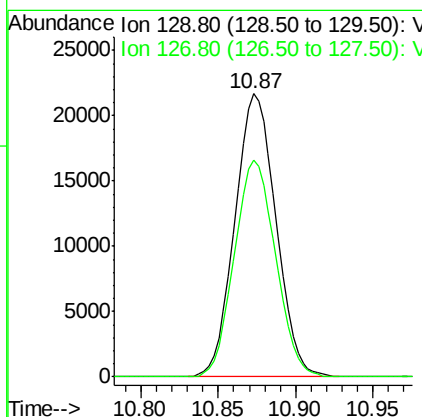
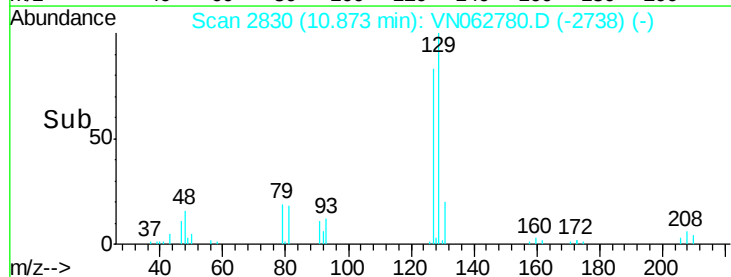
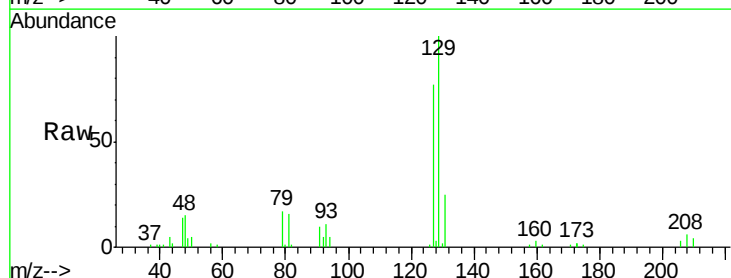
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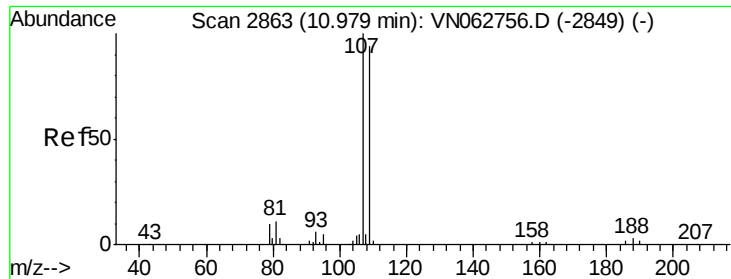
MMDadoda
8/10/2020 12:24:31 PM



#60
Dibromochloromethane
Concen: 17.111 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion: 129 Resp: 40039
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





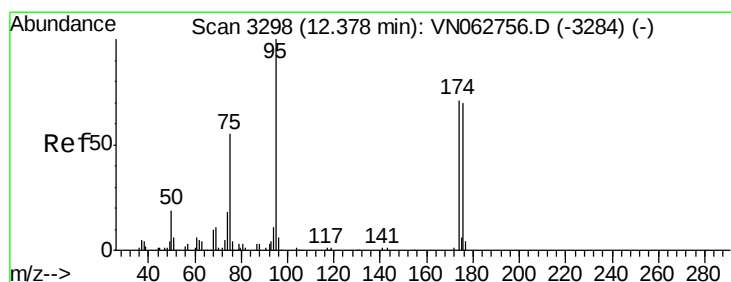
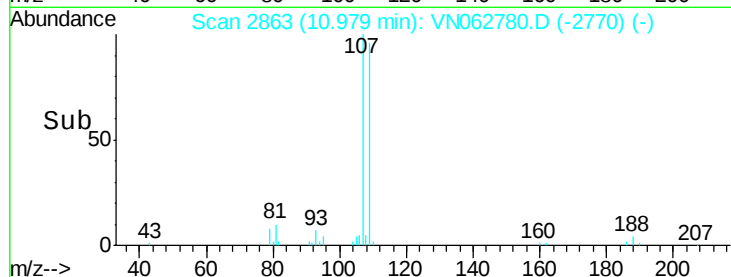
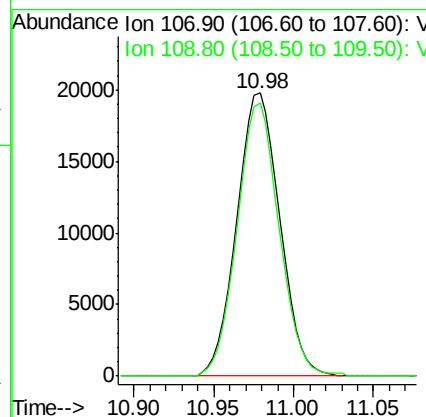
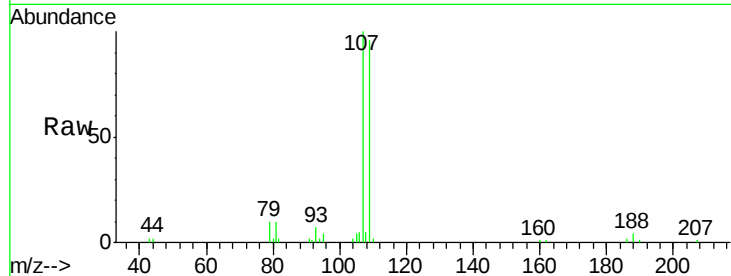
#61
 1,2-Dibromoethane
 Concen: 17.905 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.1	114.1

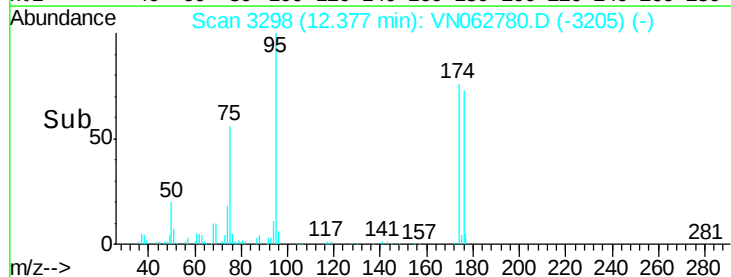
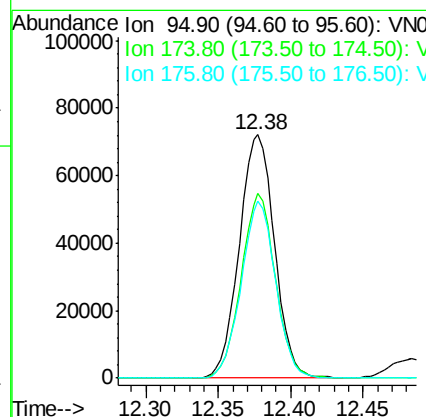
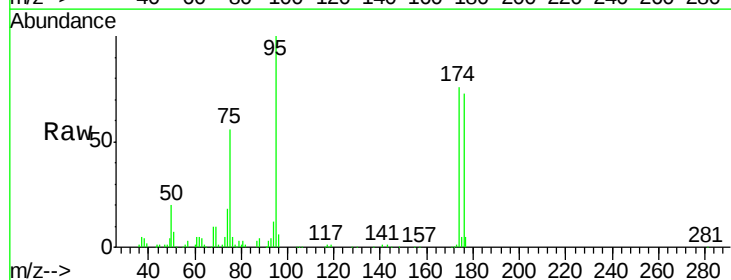
Manual Integrations
 APPROVED

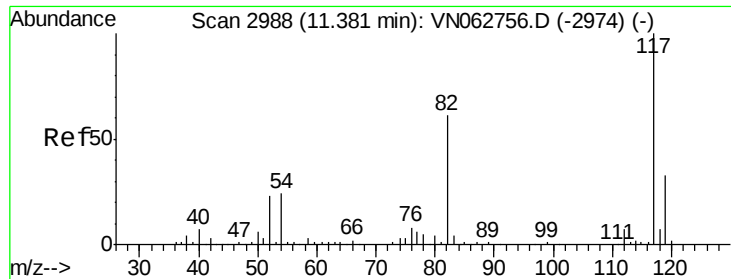
MMDadoda
 8/10/2020 12:24:31 PM



#62
 4-Bromofluorobenzene
 Concen: 45.078 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	144.8
176	71.0	0.0	142.2





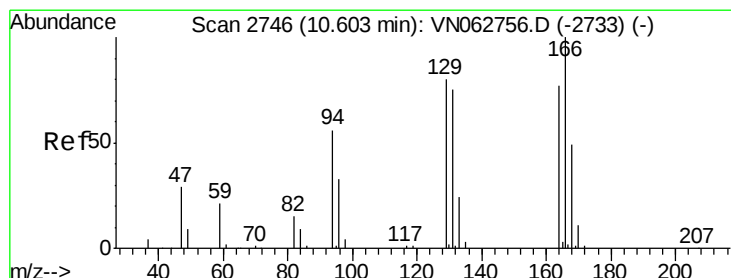
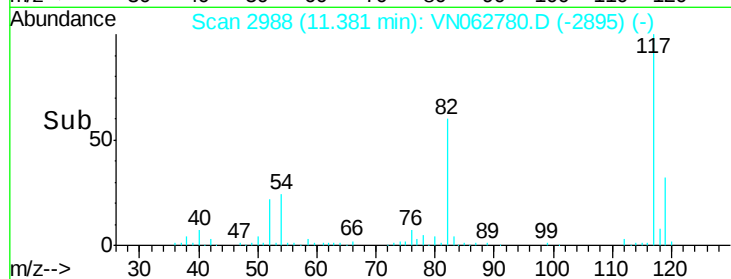
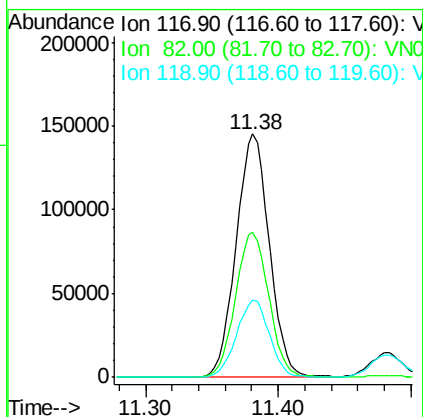
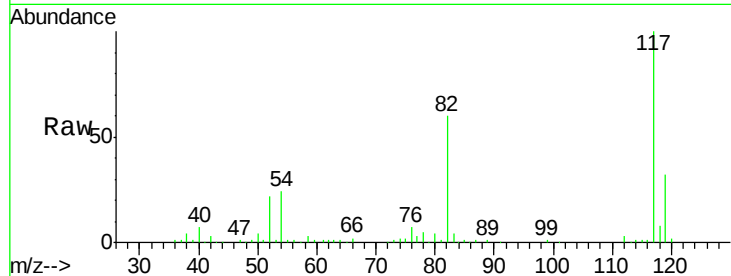
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampled :
VN0807WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	49.0	73.4
119	31.6	26.2	39.2

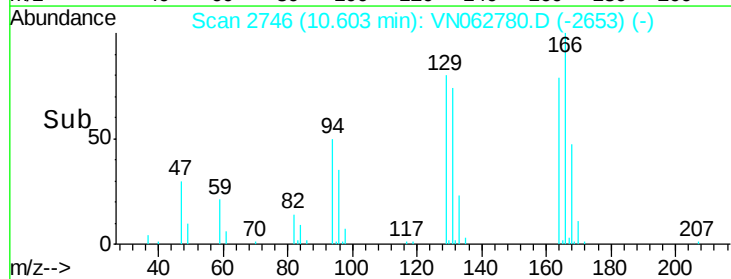
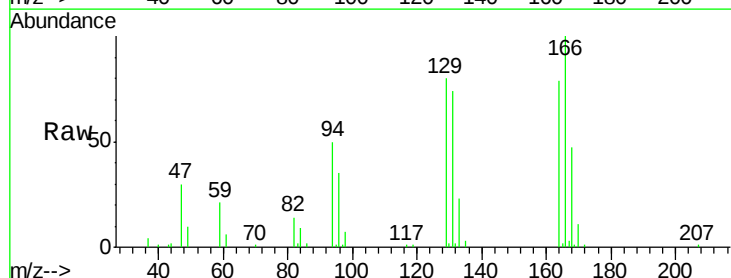
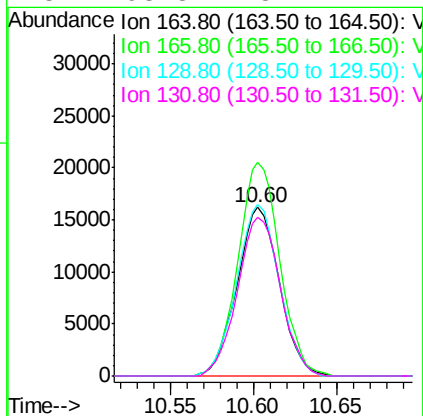
Manual Integrations
APPROVED

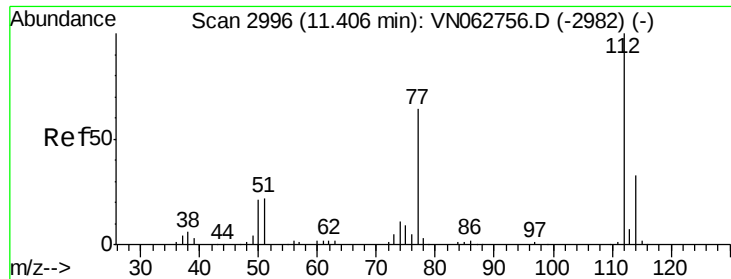
MMDadoda
8/10/2020 12:24:31 PM



#64
Tetrachloroethene
Concen: 17.646 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	103.8	155.8
129	101.5	82.7	124.1
131	93.8	78.2	117.2





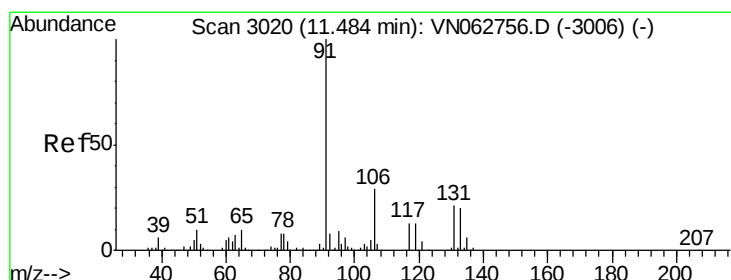
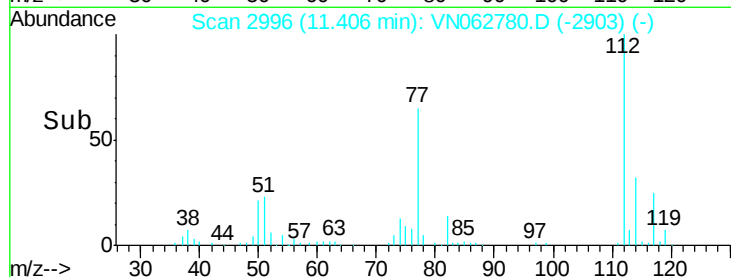
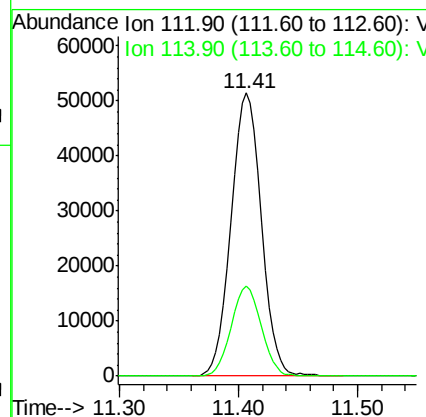
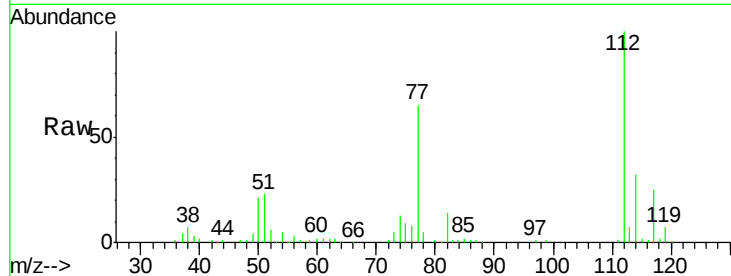
#65
Chlorobenzene
Concen: 17.212 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion:112 Resp: 90935
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4

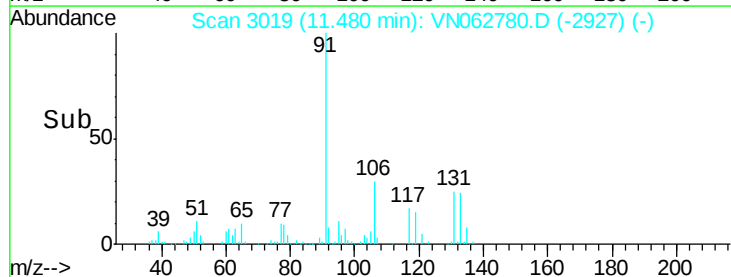
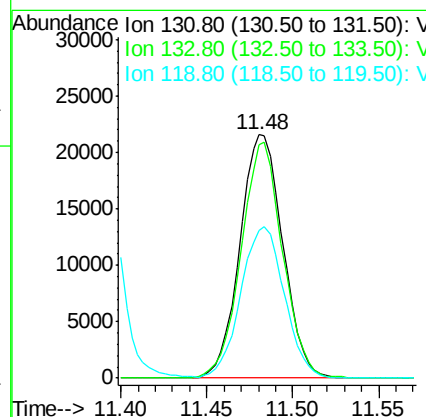
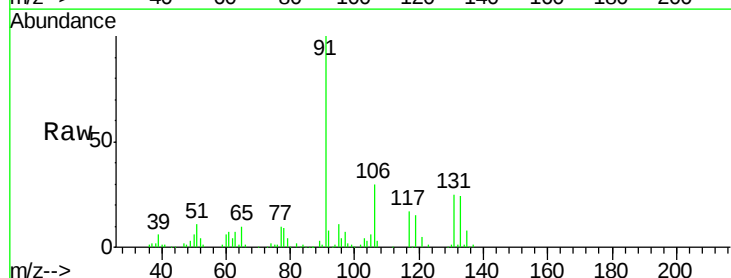
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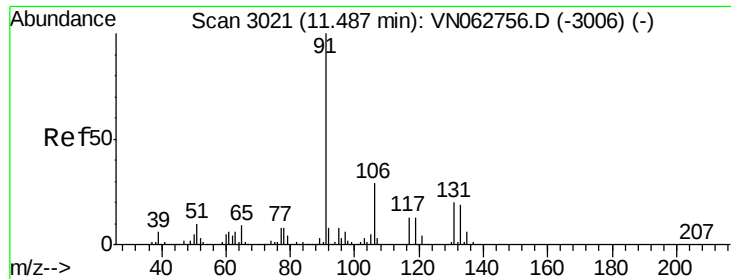
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.621 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion:131 Resp: 37385
Ion Ratio Lower Upper
131 100
133 93.7 48.6 145.8
119 63.4 32.2 96.6





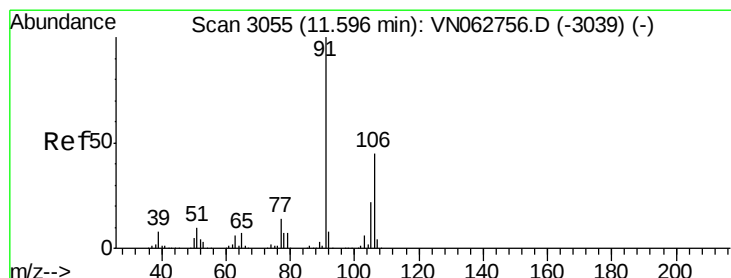
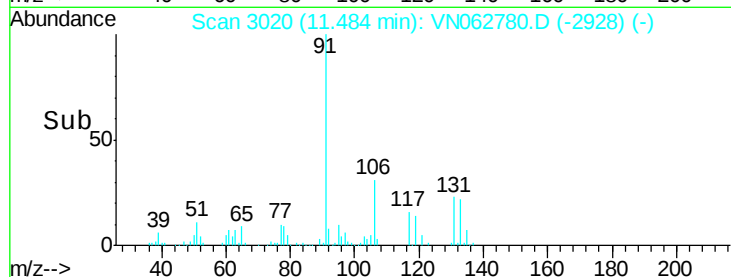
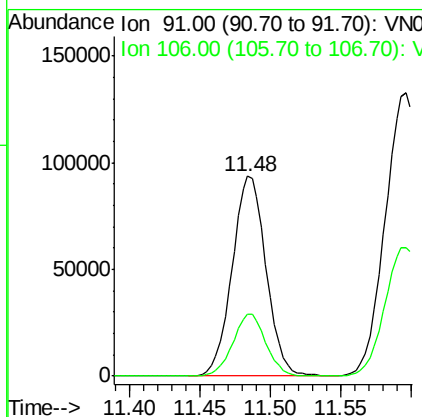
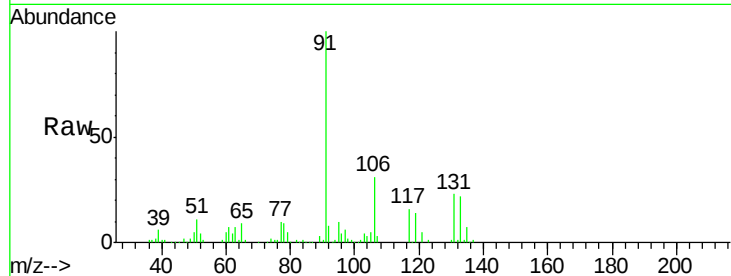
#67
Ethyl Benzene
Concen: 16.692 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampled :
VN0807WBS01

Tot Ion: 91 Resp: 157814
Ion Ratio Lower Upper
91 100
106 30.9 23.2 34.8

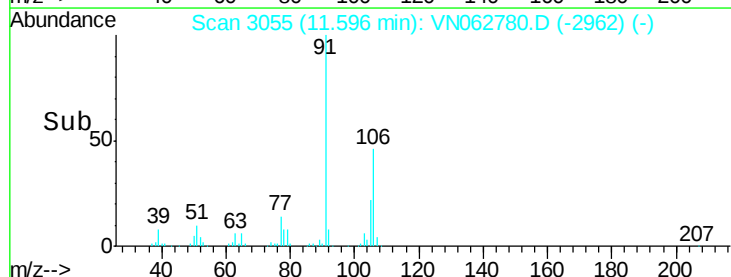
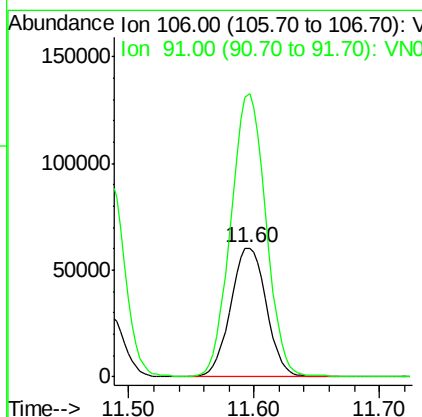
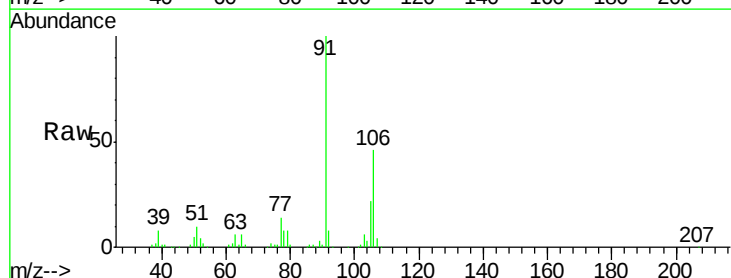
Manual Integrations
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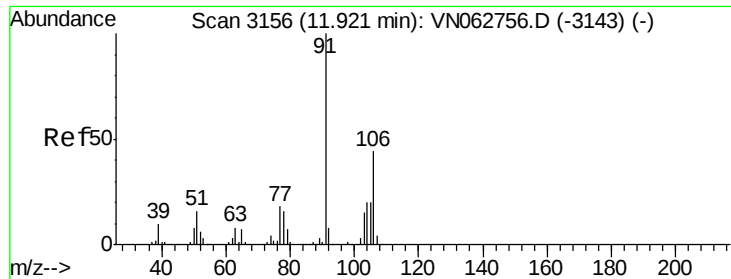
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#68
m/p-Xylenes
Concen: 34.875 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion: 106 Resp: 119690
Ion Ratio Lower Upper
106 100
91 215.2 175.9 263.9





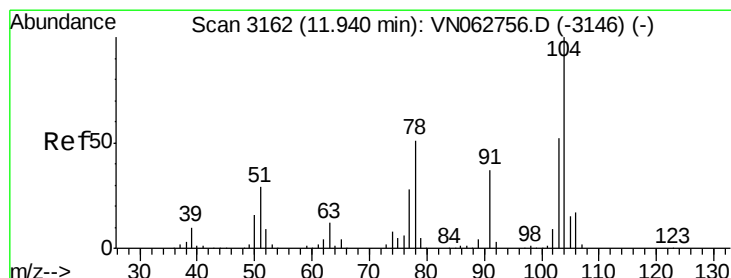
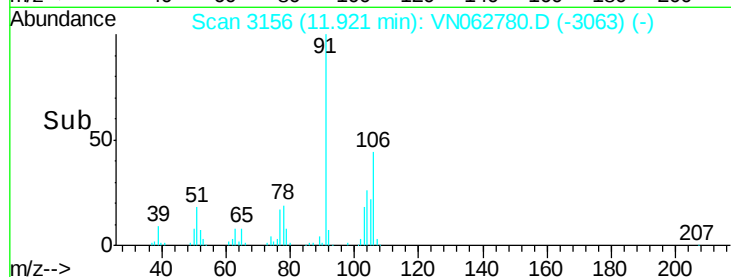
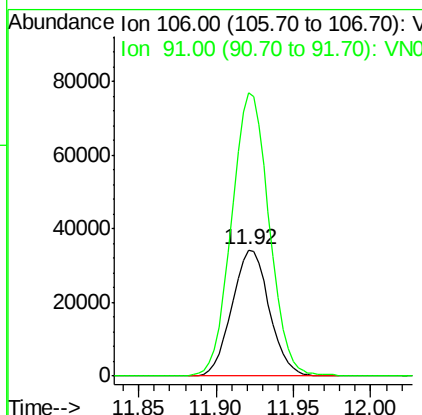
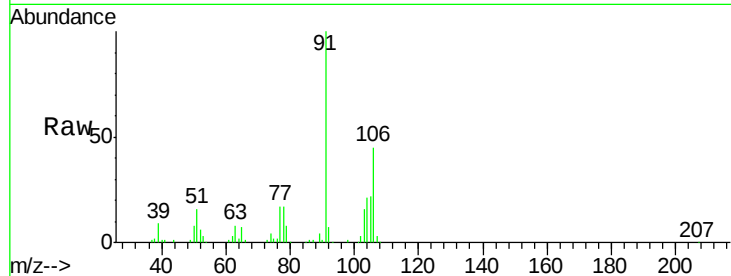
#69
o-Xylene
Concen: 17.867 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampled :
VN0807WBS01

Tot Ion:106 Resp: 57463
Ion Ratio Lower Upper
106 100
91 225.3 115.8 347.4

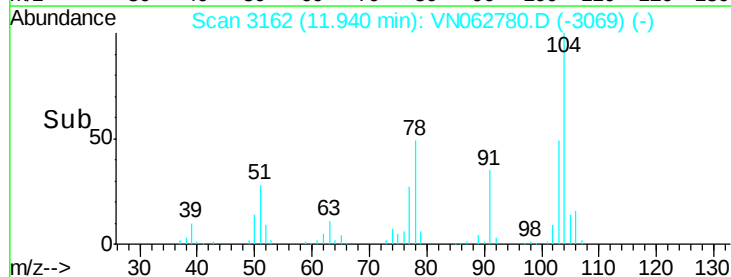
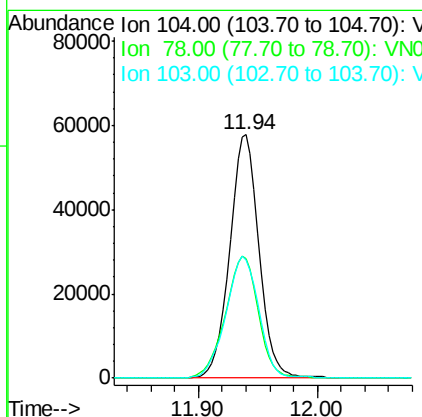
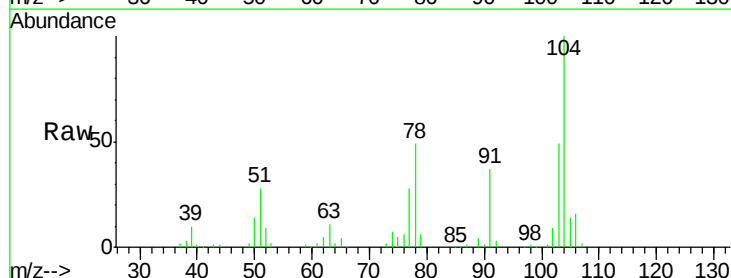
Manual Integrations
APPROVED

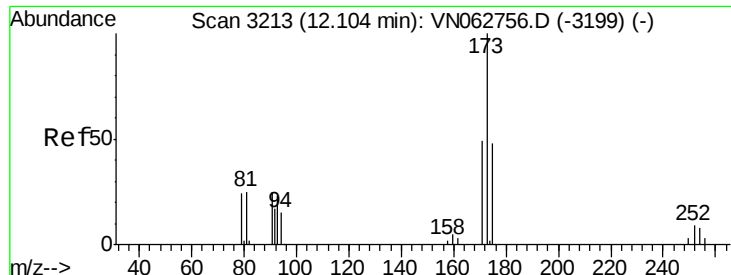
MMDadoda
8/10/2020 12:24:31 PM



#70
Styrene
Concen: 17.439 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion:104 Resp: 98586
Ion Ratio Lower Upper
104 100
78 56.6 45.9 68.9
103 56.4 45.1 67.7





#71

Bromoform

Concen: 16.963 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

Tot Ion:173 Resp: 29447

Ion Ratio Lower Upper

173 100

175 47.0 24.0 72.0

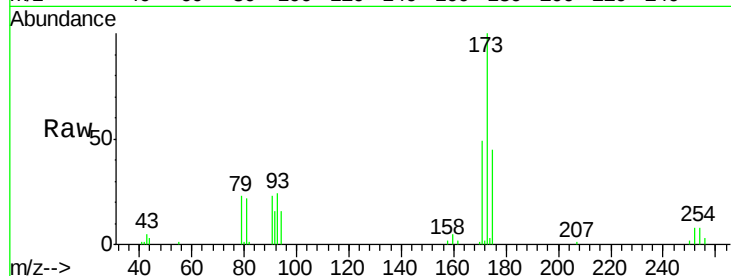
254 0.0 0.0 0.0

Manual Integrations

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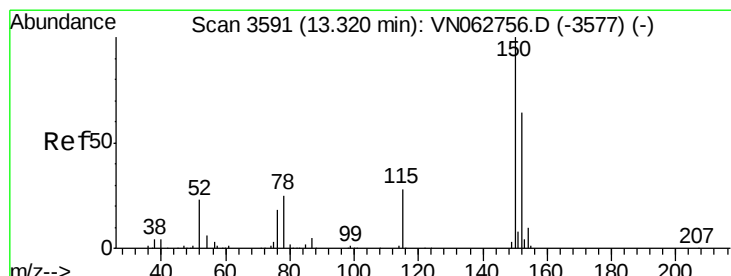
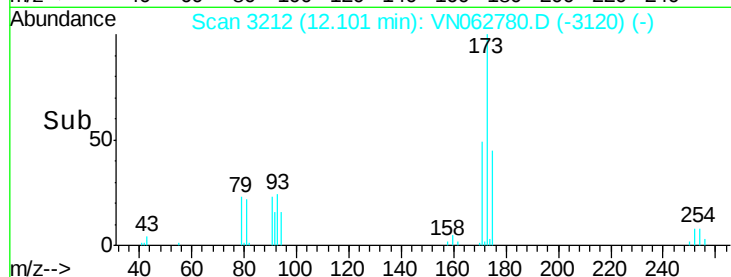
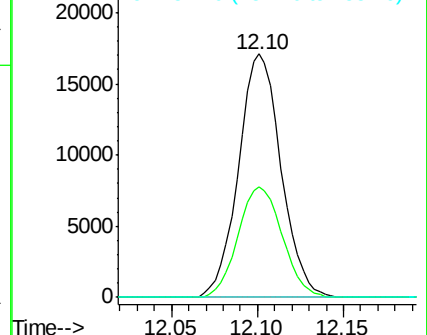
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN062780.D

Acq: 7 Aug 2020 15:39

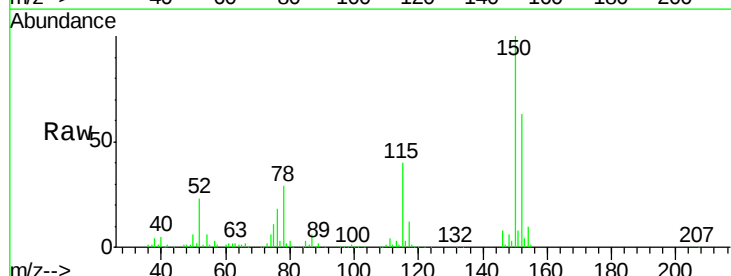
Tgt Ion:152 Resp: 115866

Ion Ratio Lower Upper

152 100

115 64.6 31.6 94.8

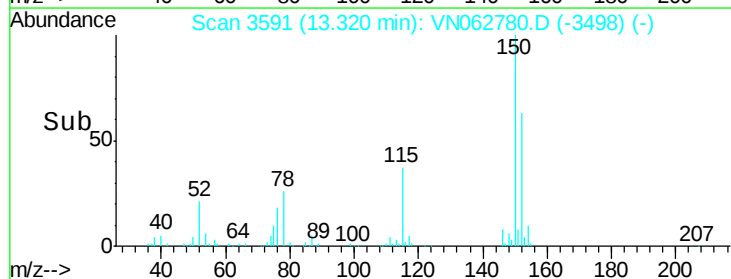
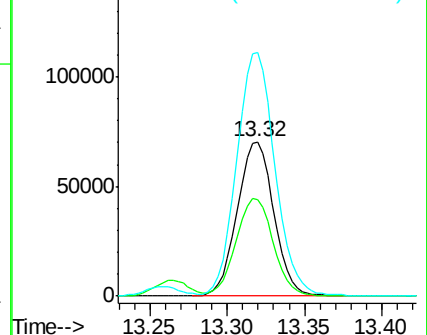
150 165.9 0.0 349.2

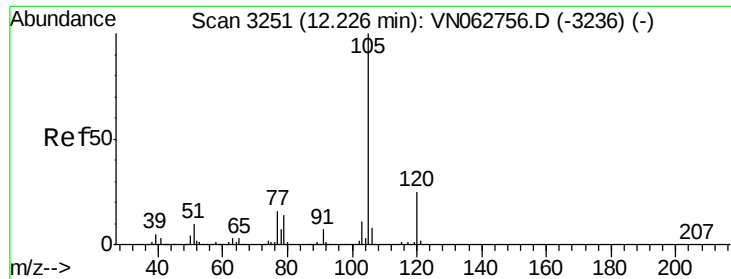


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.027 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

Tot Ion: 105 Resp: 157278

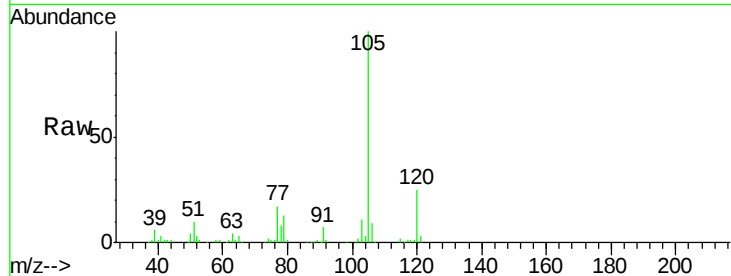
Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8

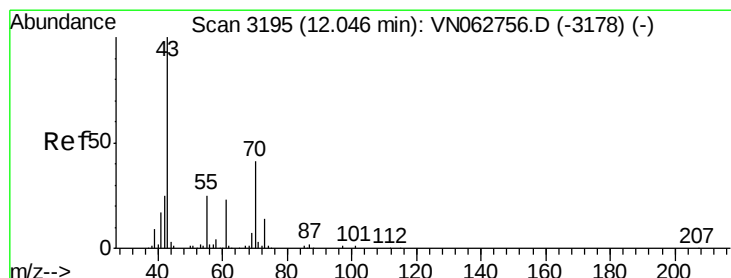
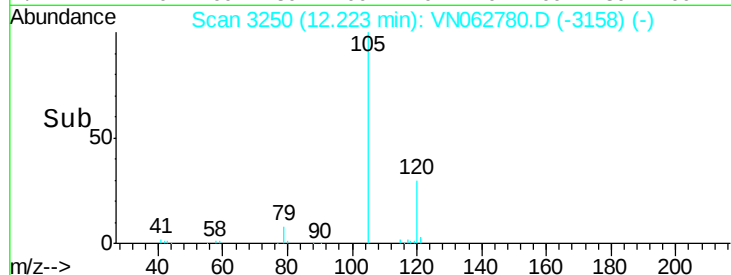
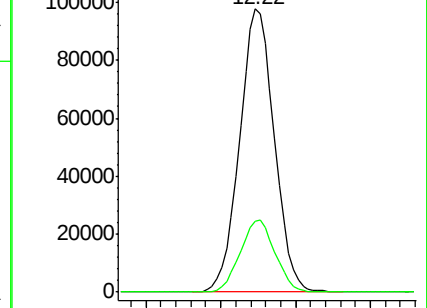
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.953 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Tgt Ion: 43 Resp: 63474

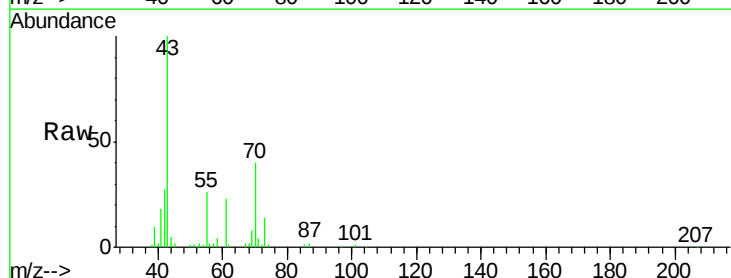
Ion Ratio Lower Upper

43 100

70 39.7 32.3 48.5

55 25.7 20.2 30.2

61 22.3 18.2 27.4

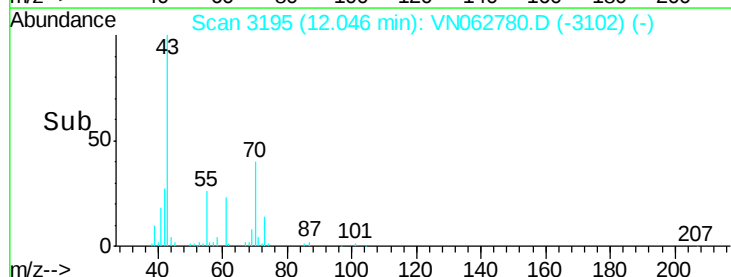
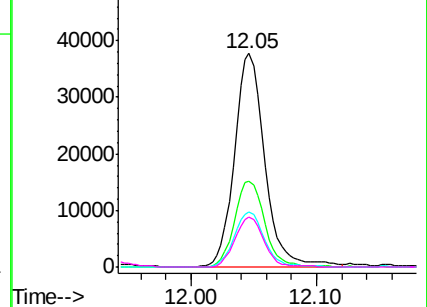


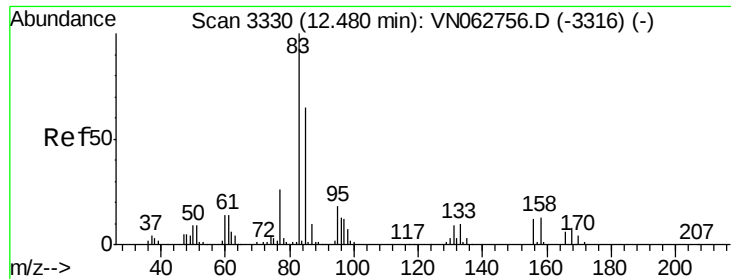
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.346 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

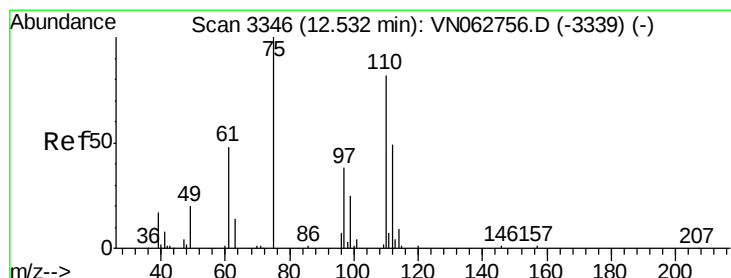
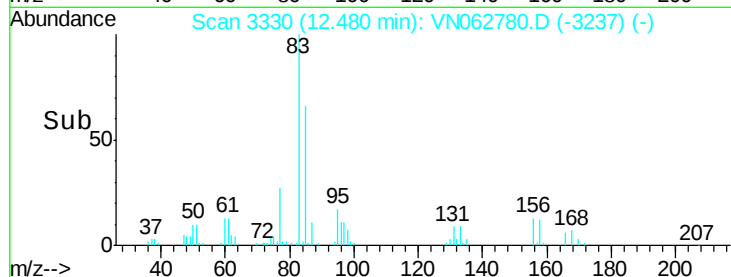
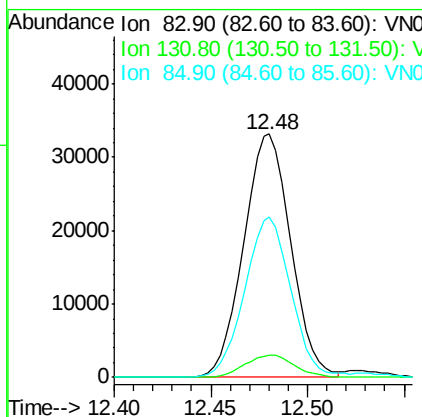
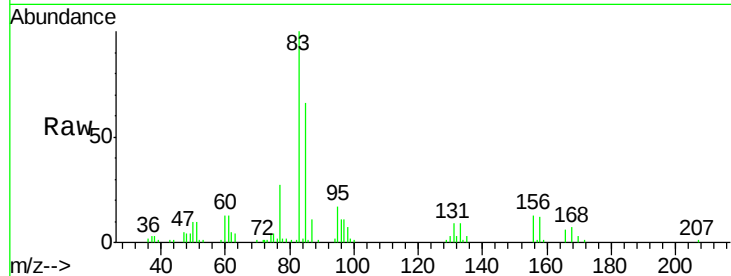
ClientSampleId :

VN0807WBS01

Tot Ion:	83	Resp:	56346
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.1	15.4
85	64.5	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.475 ug/l m

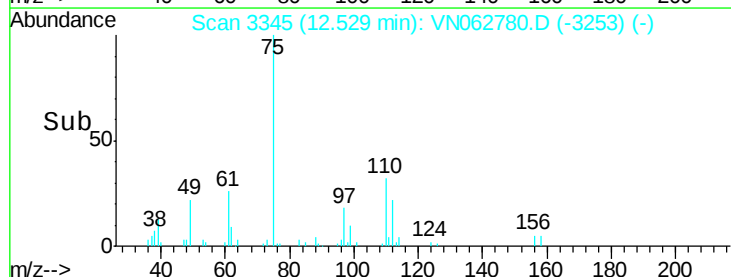
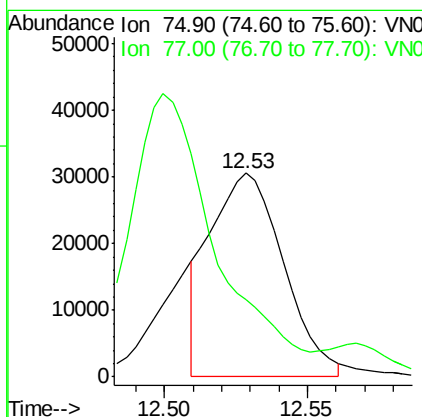
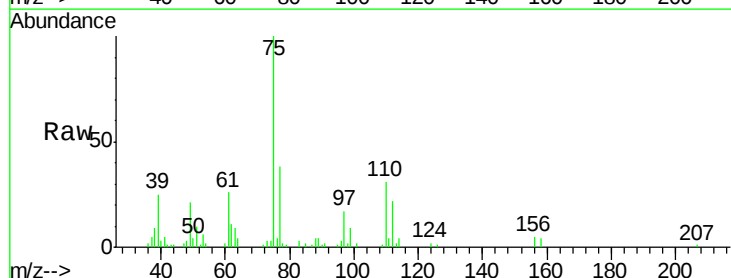
RT: 12.53 min Scan# 3345

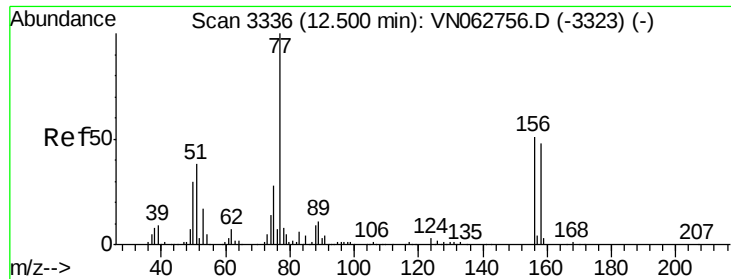
Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Tgt Ion:	75	Resp:	54607
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





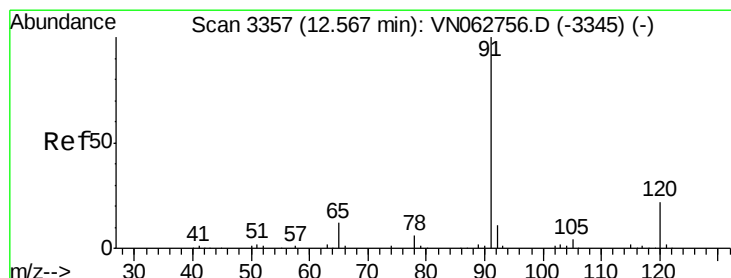
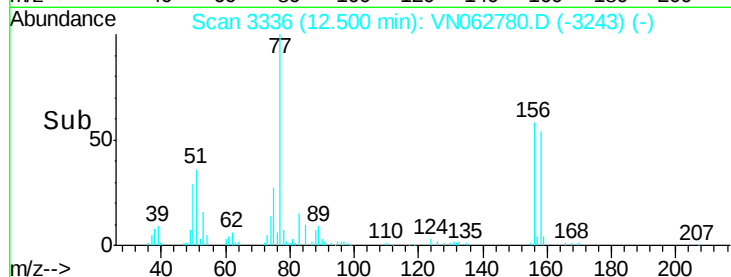
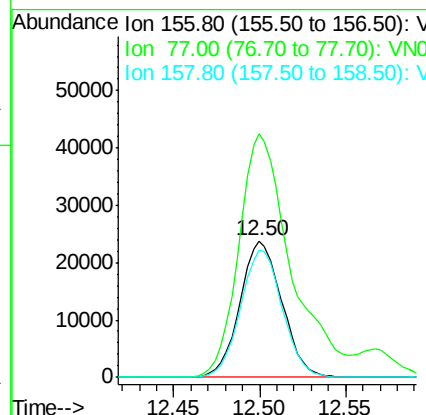
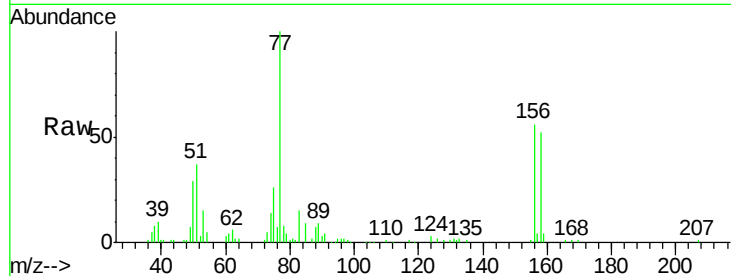
#77
Bromobenzene
Concen: 18.613 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampled :
VN0807WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	221.7	119.7	359.1
158	93.4	48.1	144.3

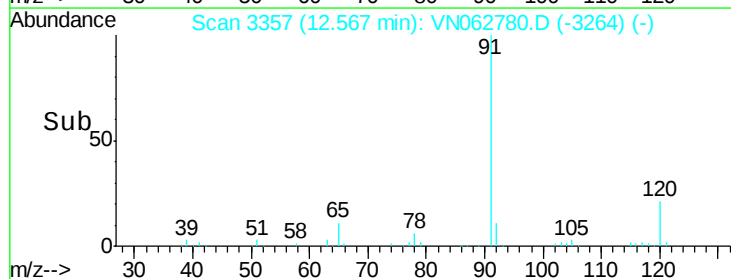
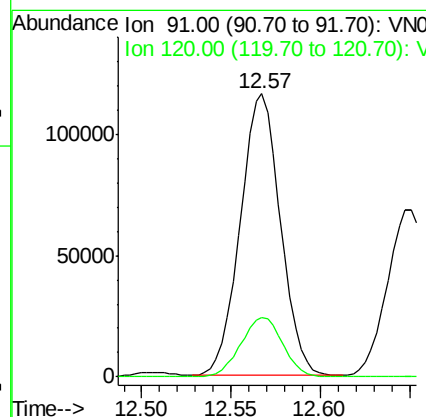
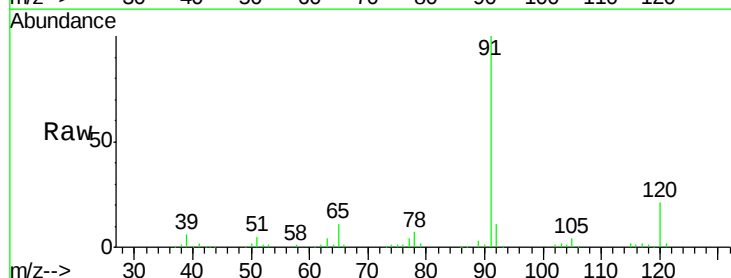
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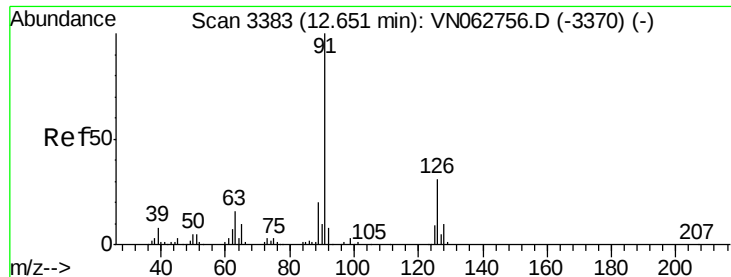
MMDadoda
8/10/2020 12:24:31 PM



#78
n-propylbenzene
Concen: 17.812 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.9





#79

2-Chlorotoluene

Concen: 17.653 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

Tot Ion: 91 Resp: 113377

Ion Ratio Lower Upper

91 100

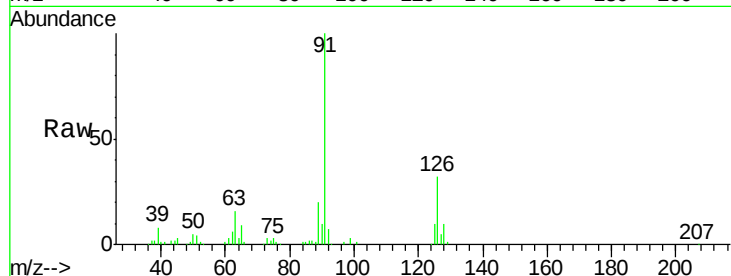
126 32.9 15.6 46.7

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Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062756.D (-3370) (-)

80000

60000

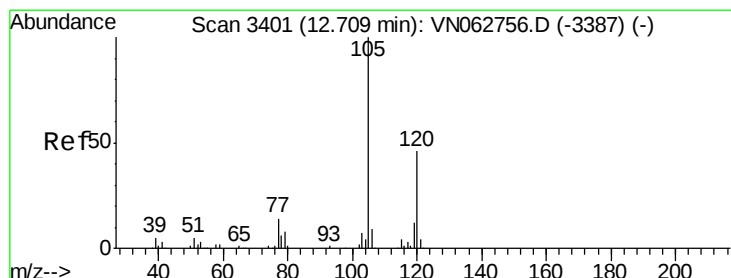
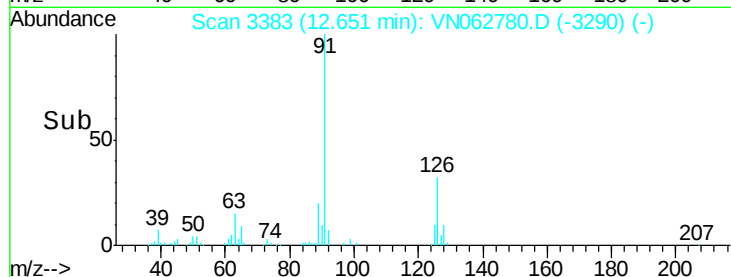
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.234 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062780.D

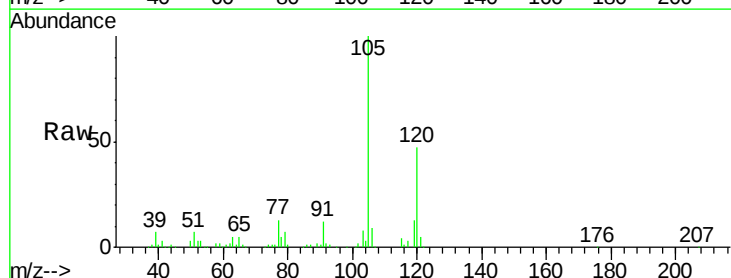
Acq: 7 Aug 2020 15:39

Tgt Ion:105 Resp: 138011

Ion Ratio Lower Upper

105 100

120 46.6 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062756.D (-3387) (-)

Ion 120.00 (119.70 to 120.70): VN062756.D (-3387) (-)

100000

80000

60000

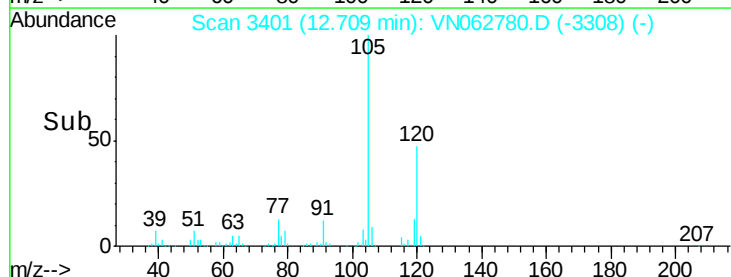
40000

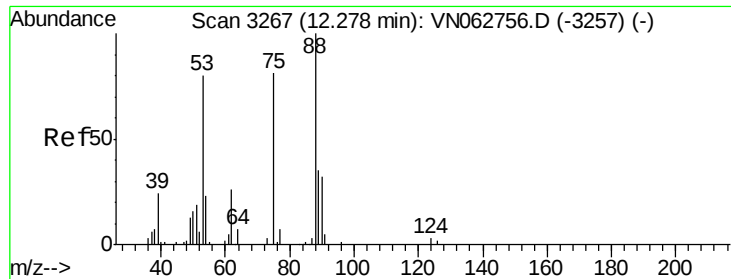
20000

0

12.70 12.71 12.72

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.178 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

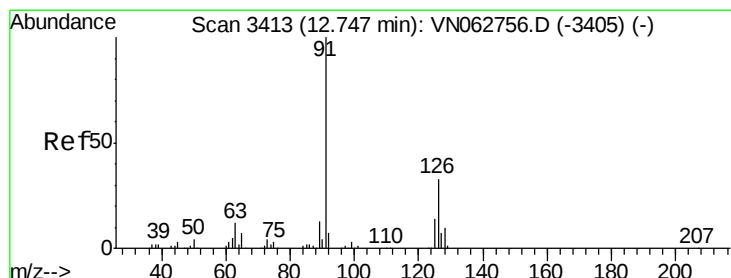
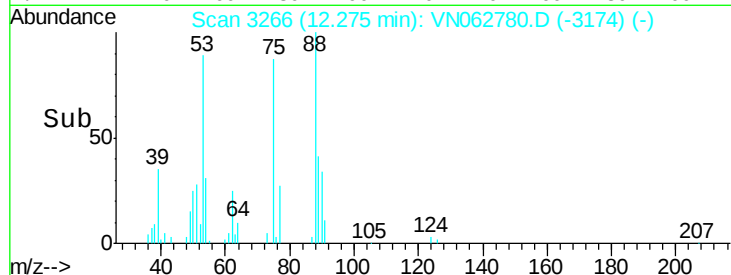
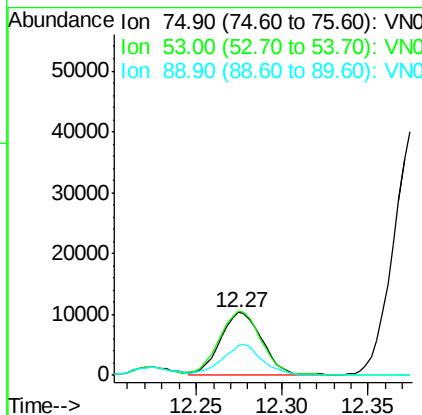
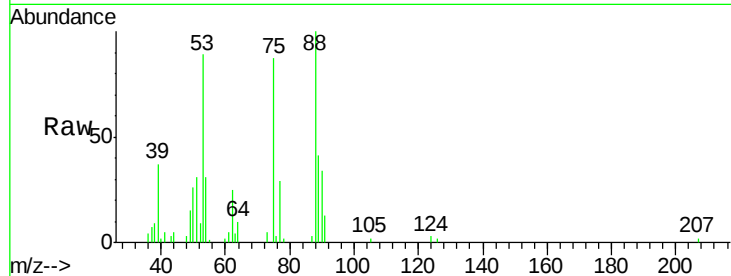
ClientSampleId :

VN0807WBS01

Tot Ion:	75	Resp:	17583
Ion	Ratio	Lower	Upper
75	100		
53	102.9	79.1	118.7
89	46.2	36.2	54.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.123 ug/l

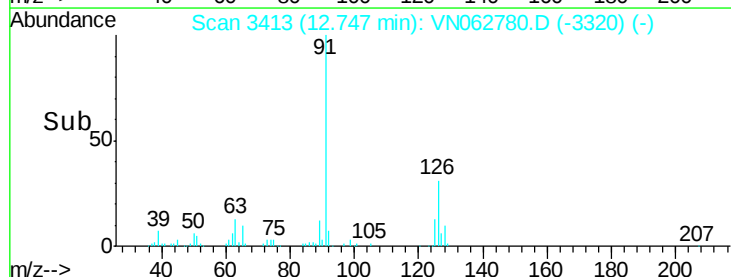
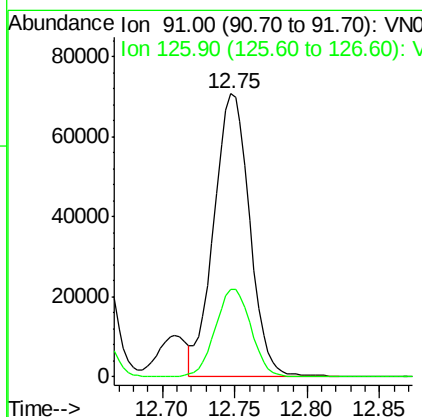
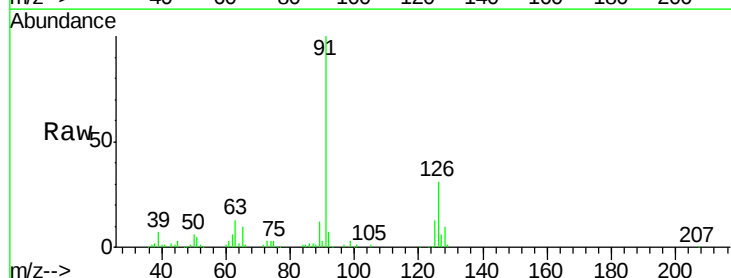
RT: 12.75 min Scan# 3413

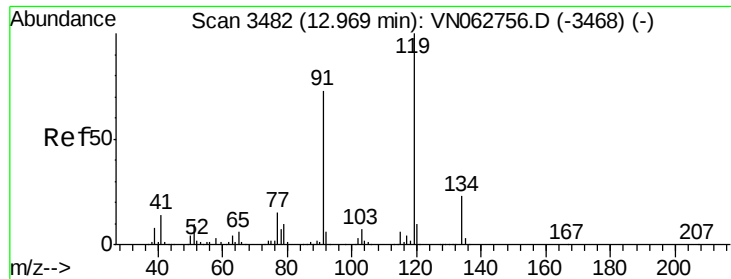
Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Tgt Ion:	91	Resp:	119944
Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.3	45.9





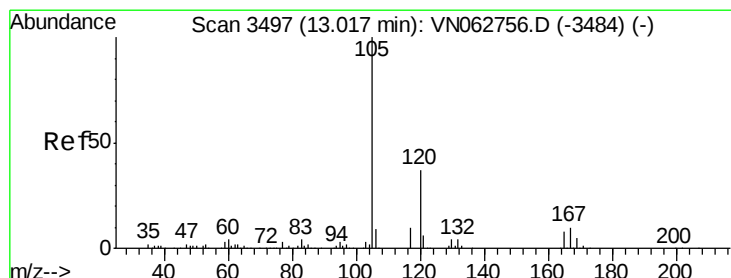
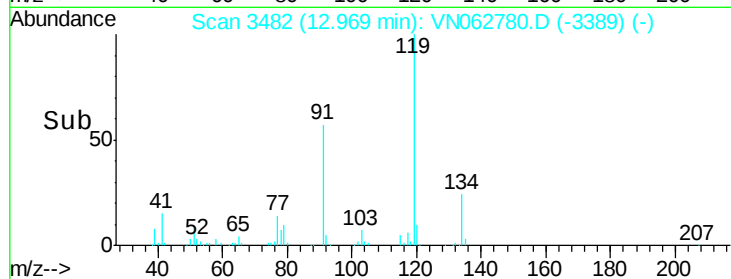
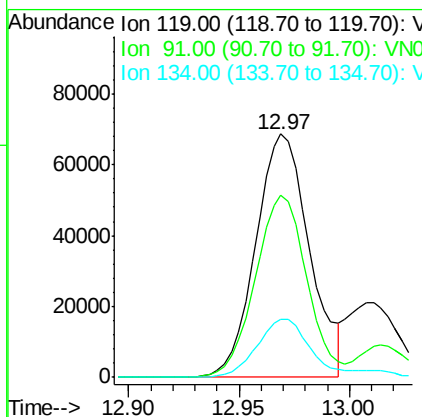
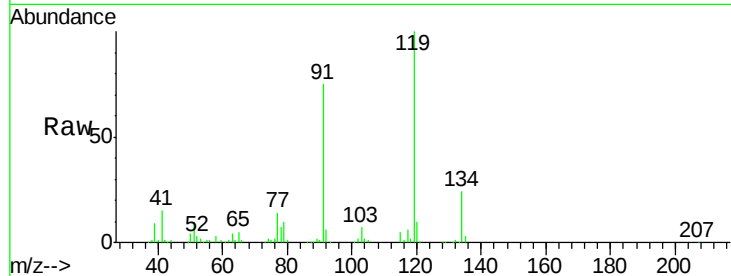
#83
 tert-Butylbenzene
 Concen: 18.076 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.0	36.5	109.5
134	25.5	11.3	33.8

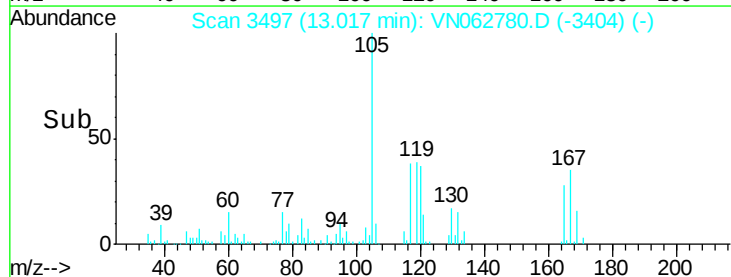
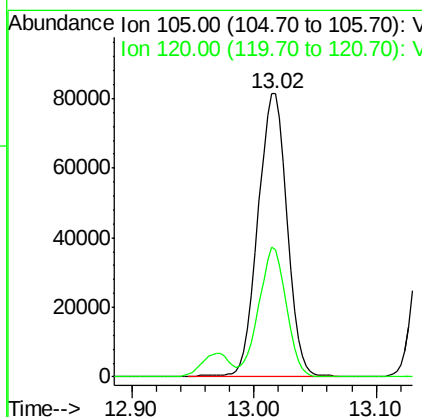
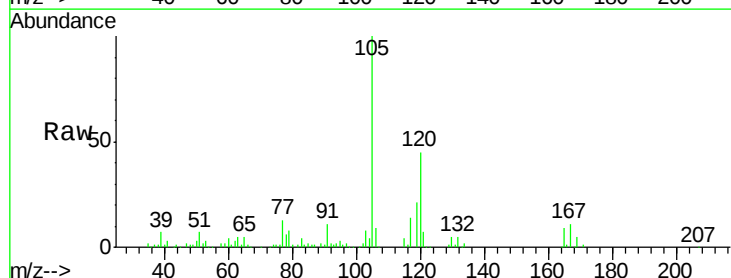
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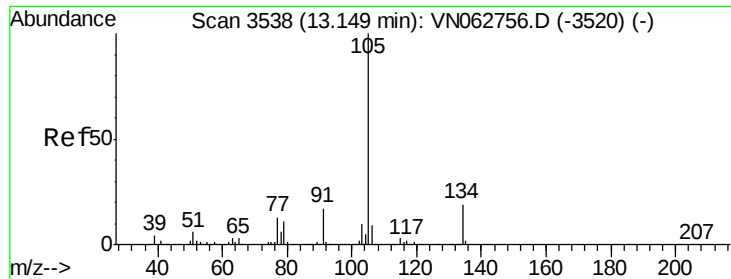
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.654 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.4	64.2





#85

sec-Butylbenzene

Concen: 18.070 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

Tot Ion:105 Resp: 151979

Ion Ratio Lower Upper

105 100

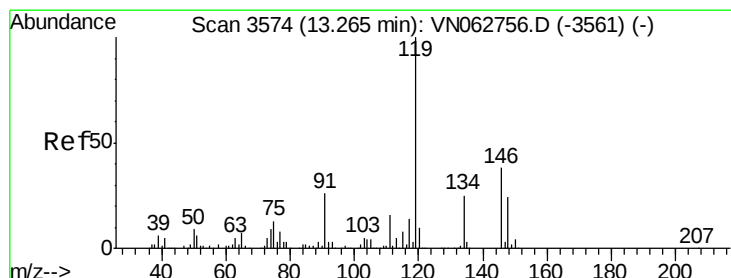
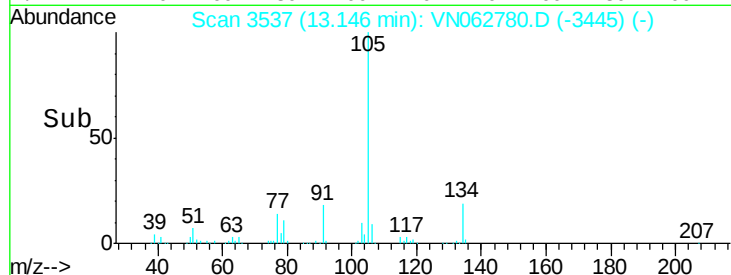
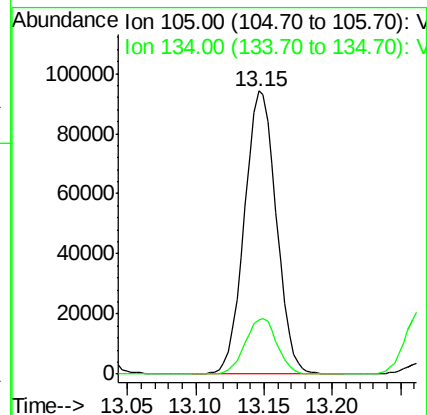
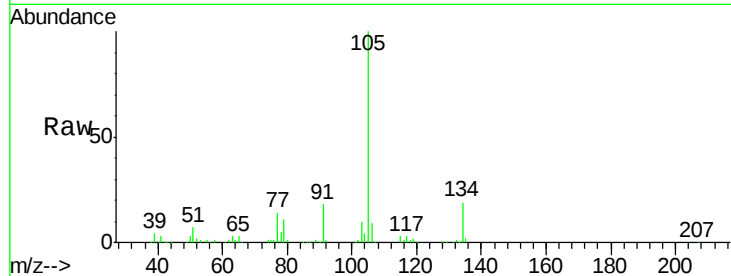
134 19.6 9.6 28.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 17.781 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062780.D

Acq: 7 Aug 2020 15:39

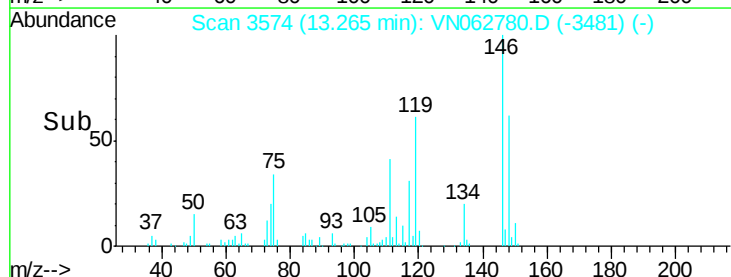
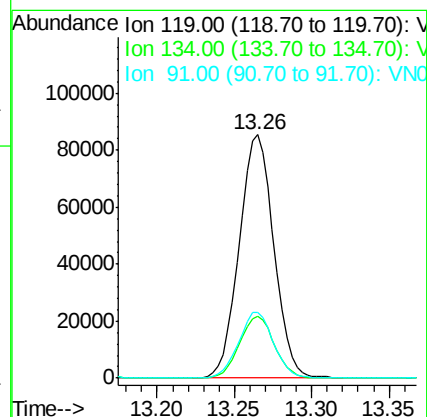
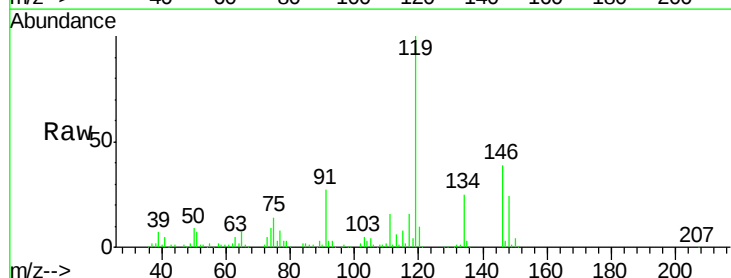
Tgt Ion:119 Resp: 132748

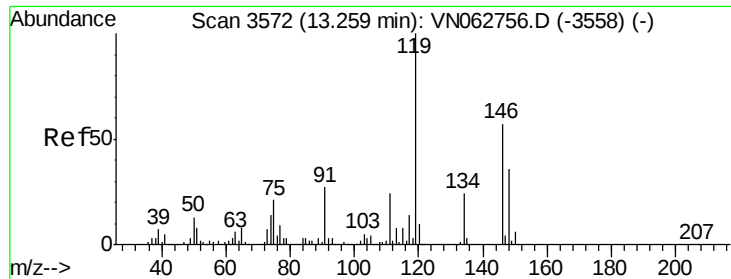
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 27.3 13.4 40.2





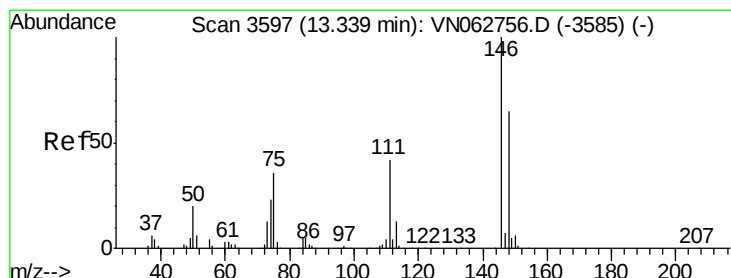
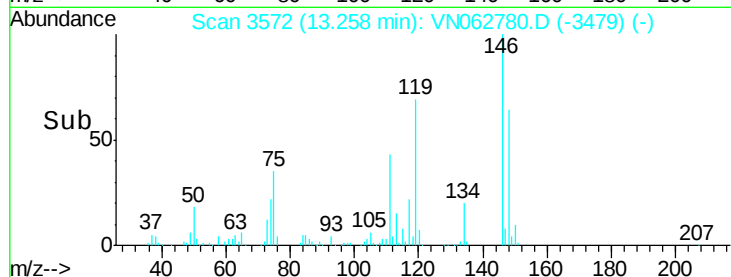
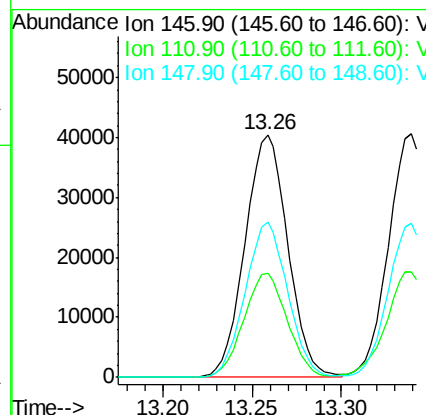
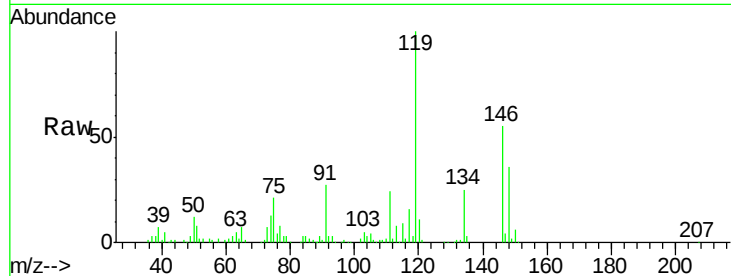
#87
 1,3-Dichlorobenzene
 Concen: 17.548 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.7	65.1
148	63.6	31.4	94.2

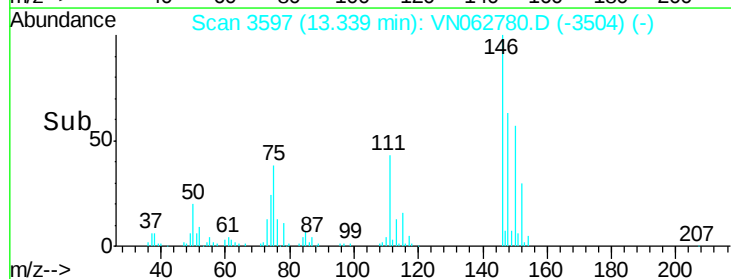
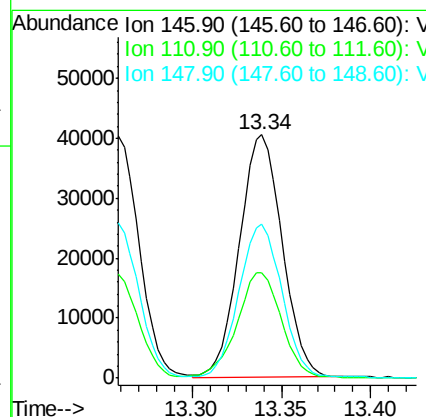
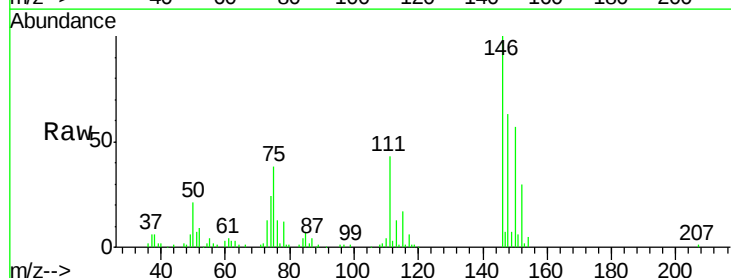
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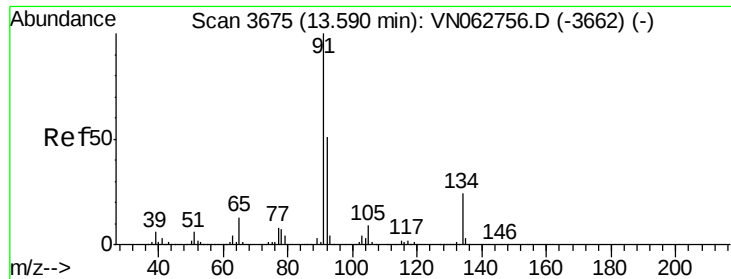
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#88
 1,4-Dichlorobenzene
 Concen: 17.379 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.6	64.6
148	63.2	32.6	97.8





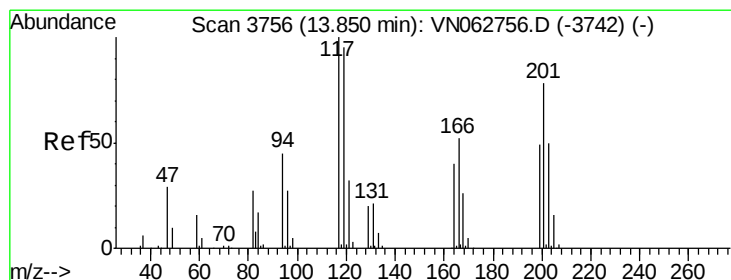
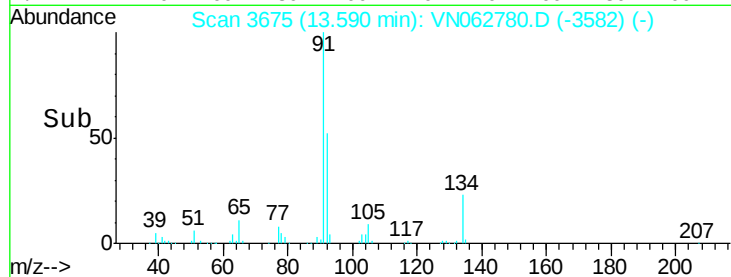
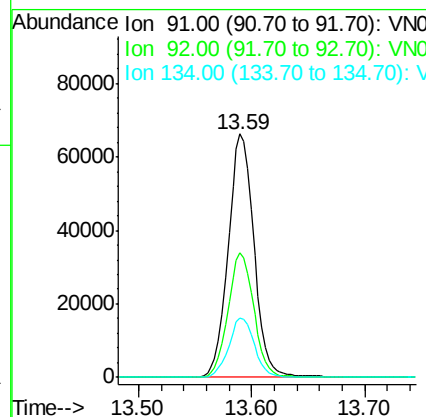
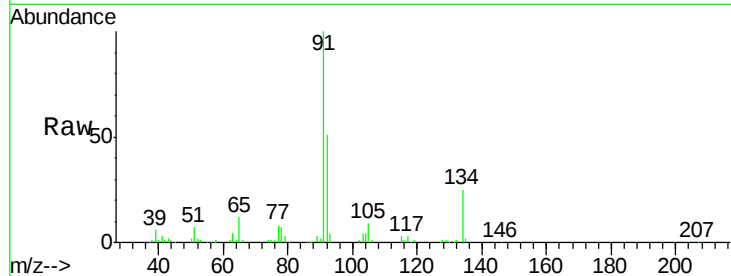
#89
n-Butylbenzene
Concen: 16.681 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.7	77.0
134	24.3	12.2	36.6

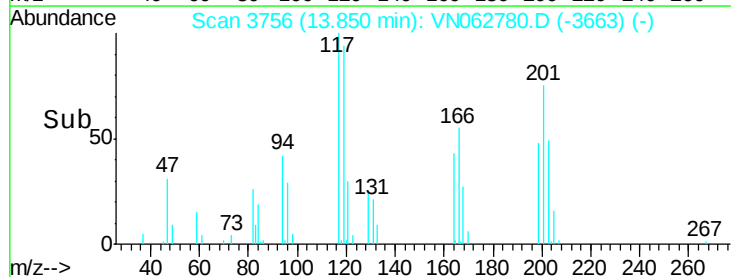
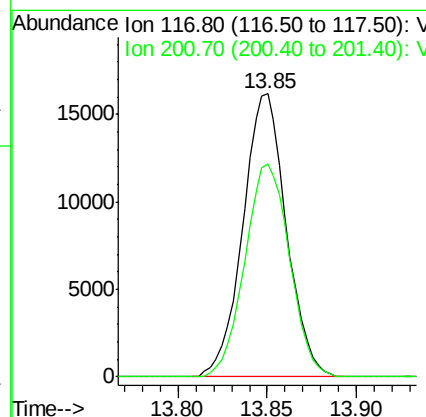
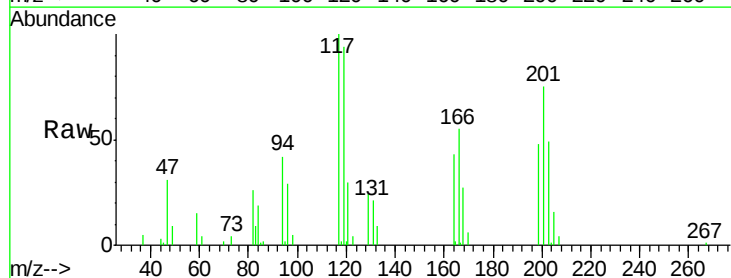
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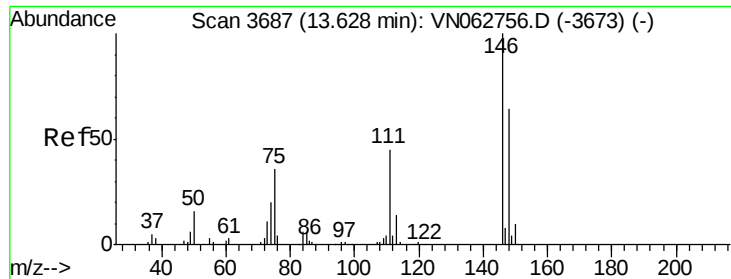
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#90
Hexachloroethane
Concen: 17.012 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.7	39.2	117.6





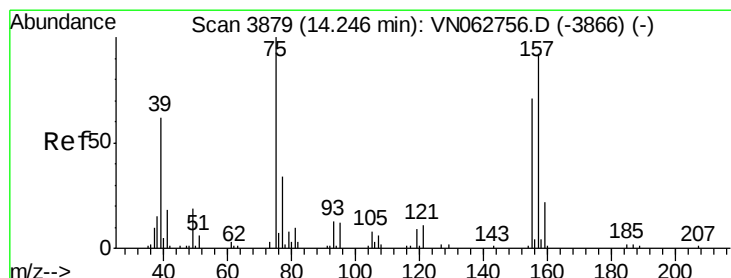
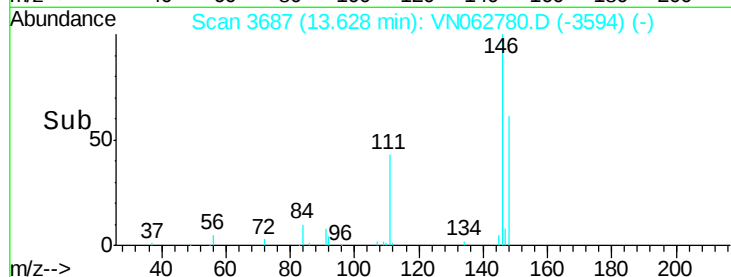
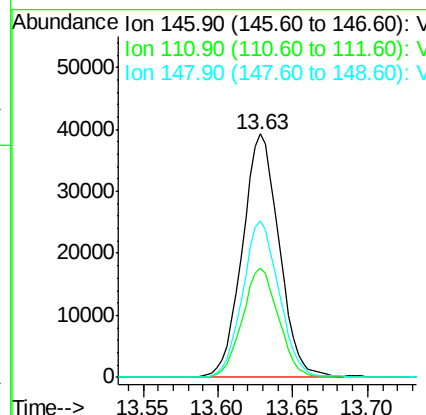
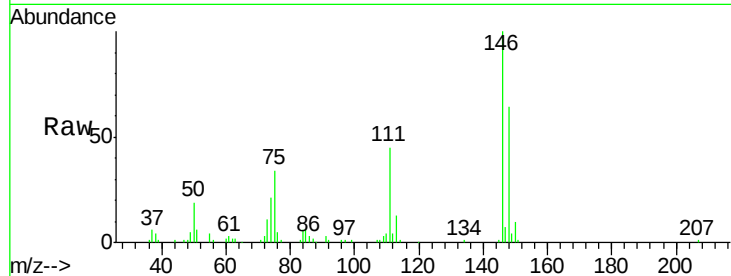
#91
 1,2-Dichlorobenzene
 Concen: 18.512 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.8	68.4
148	63.7	31.9	95.5

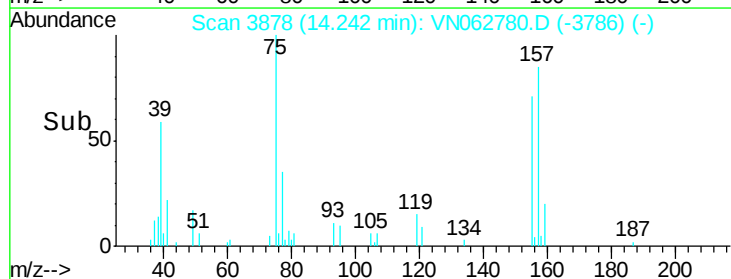
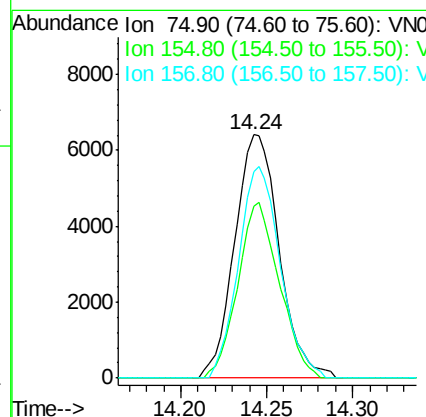
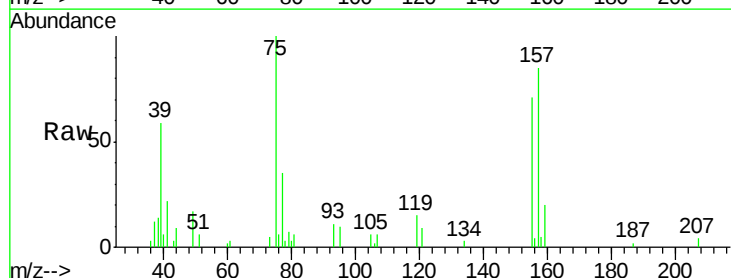
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.465 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.2	35.0	105.1
157	81.8	43.2	129.6





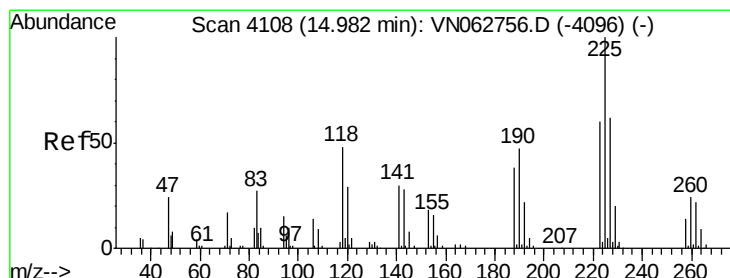
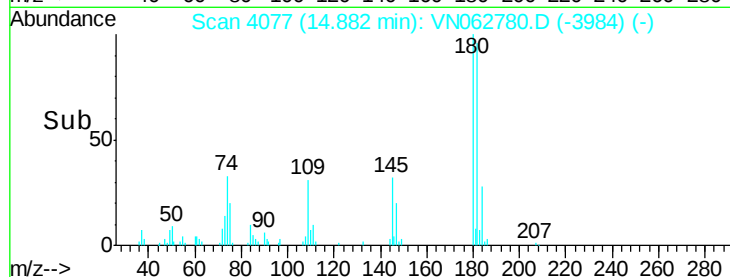
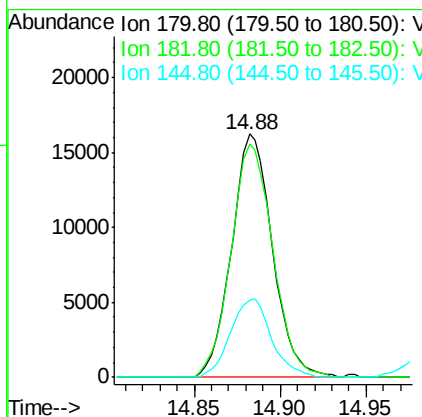
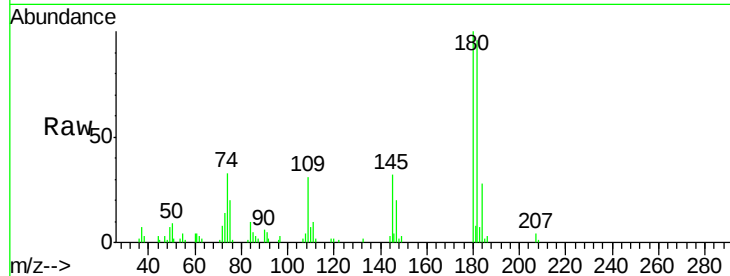
#93
 1,2,4-Trichlorobenzene
 Concen: 16.133 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	26758		
182	98.1		49.1	147.4
145	32.2		16.3	48.8

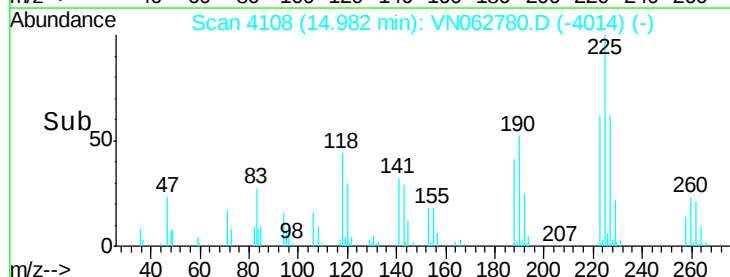
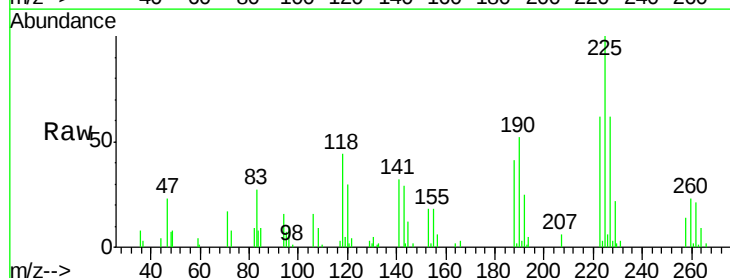
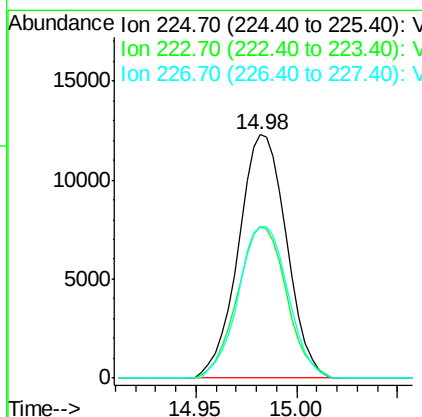
Manual Integrations
 APPROVED

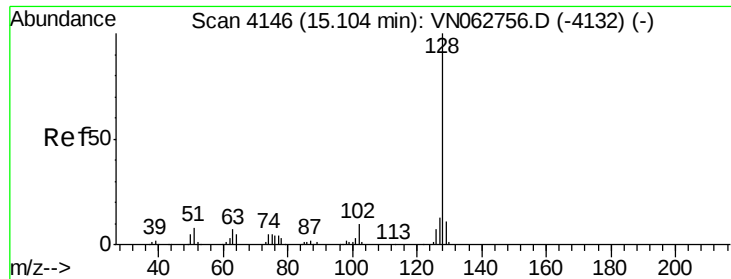
MMDadoda
 8/10/2020 12:24:31 PM



#94
 Hexachlorobutadiene
 Concen: 16.886 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062780.D
 Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20468		
223	63.5		30.6	92.0
227	64.4		31.6	95.0





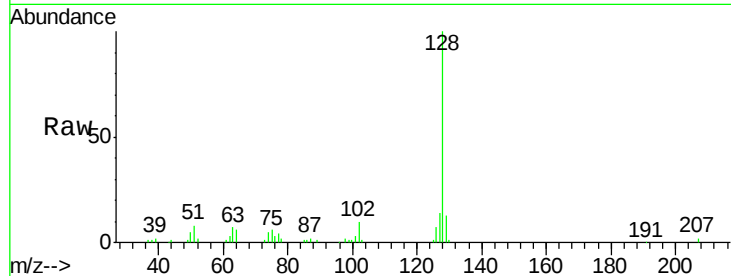
#95
Naphthalene
Concen: 15.080 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

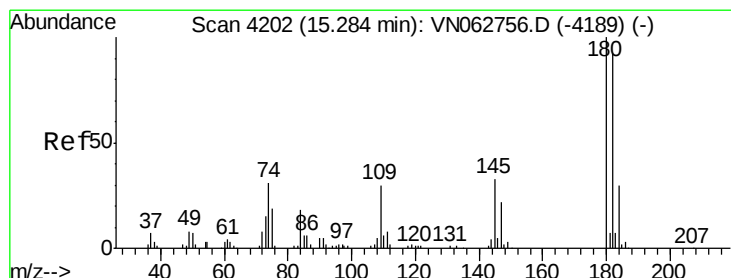
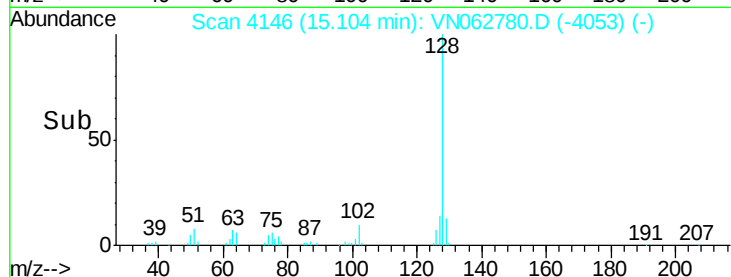
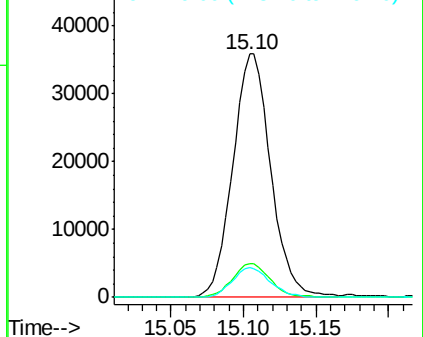
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.8	16.2
129	12.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:31 PM

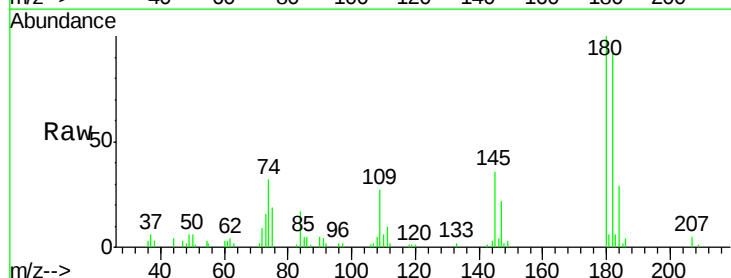


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 16.548 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062780.D
Acq: 7 Aug 2020 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.9	143.6
145	34.9	17.3	51.7



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

