

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062574.D
 Acq On : 21 Jul 2020 16:27
 Operator : JC/MD
 Sample : VN0721WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:45:48 PM

Quant Time: Jul 22 05:28:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	220848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	340059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	151261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	151677	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
35) Dibromofluoromethane	7.55	113	107533	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
50) Toluene-d8	10.06	98	427077	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
62) 4-Bromofluorobenzene	12.37	95	153149	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43354	16.457	ug/l	99
3) Chloromethane	2.03	50	57515	16.097	ug/l	98
4) Vinyl Chloride	2.16	62	51177	16.523	ug/l	98
5) Bromomethane	2.53	94	24122	17.583	ug/l	98
6) Chloroethane	2.67	64	23734	16.940	ug/l	98
7) Trichlorofluoromethane	2.98	101	64465	17.726	ug/l	100
8) Diethyl Ether	3.37	74	30290	17.811	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	39386	16.892	ug/l	98
10) Methyl Iodide	3.91	142	47212	15.838	ug/l	97
11) Tert butyl alcohol	4.73	59	47821	87.622	ug/l	99
12) 1,1-Dichloroethene	3.70	96	40473	17.115	ug/l	97
13) Acrolein	3.57	56	41753	79.319	ug/l	96
14) Allyl chloride	4.27	41	86273	16.866	ug/l	98
15) Acrylonitrile	4.93	53	128699	88.040	ug/l	99
16) Acetone	3.78	43	112518	87.154	ug/l	96
17) Carbon Disulfide	4.01	76	124543	16.029	ug/l	99
18) Methyl Acetate	4.28	43	57907	17.718	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	150763	17.322	ug/l	97
20) Methylene Chloride	4.50	84	49958	16.134	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	43501	16.575	ug/l	98
22) Diisopropyl ether	5.90	45	178846	17.590	ug/l	98
23) Vinyl Acetate	5.84	43	743625	89.259	ug/l	100
24) 1,1-Dichloroethane	5.80	63	93733	17.120	ug/l	99
25) 2-Butanone	6.78	43	174558	88.780	ug/l	100
26) 2,2-Dichloropropane	6.77	77	74370	16.546	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	50912	17.000	ug/l	99
28) Bromochloromethane	7.15	49	50789	18.849	ug/l	98
29) Tetrahydrofuran	7.17	42	119382	89.731	ug/l	99
30) Chloroform	7.33	83	88143	16.932	ug/l	99
31) Cyclohexane	7.61	56	85446	16.903	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	73158	16.832	ug/l	99
36) 1,1-Dichloropropene	7.75	75	67342	17.300	ug/l	98
37) Ethyl Acetate	6.88	43	74442	17.741	ug/l	98
38) Carbon Tetrachloride	7.73	117	63337	16.928	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	72357	17.268	ug/l	97
40) Benzene	8.00	78	202979	17.224	ug/l	100
41) Methacrylonitrile	7.13	41	35661	19.830	ug/l	88
42) 1,2-Dichloroethane	8.09	62	75879	17.612	ug/l	99
43) Isopropyl Acetate	8.13	43	122473	18.106	ug/l #	91
44) Trichloroethene	8.80	130	45320	17.053	ug/l	100
45) 1,2-Dichloropropane	9.09	63	58477	17.673	ug/l	99
46) Dibromomethane	9.18	93	33942	17.749	ug/l	99
47) Bromodichloromethane	9.37	83	71828	17.337	ug/l	100
48) Methyl methacrylate	9.17	41	57750	17.960	ug/l	97
49) 1,4-Dioxane	9.17	88	18275	370.041	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	368938	91.156	ug/l	99
52) Toluene	10.12	92	120662	17.633	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	81004	17.563	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	87070	17.593	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	48899	18.422	ug/l	99
56) Ethyl methacrylate	10.40	69	75266	17.002	ug/l	99
57) 1,3-Dichloropropane	10.68	76	86839	17.858	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	114160	90.860	ug/l	99
59) 2-Hexanone	10.72	43	259322	84.827	ug/l	99
60) Dibromochloromethane	10.87	129	51163	17.278	ug/l	97
61) 1,2-Dibromoethane	10.98	107	47411	17.153	ug/l	99
64) Tetrachloroethene	10.60	164	37478	16.963	ug/l	99
65) Chlorobenzene	11.41	112	123308	17.296	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	45968	17.140	ug/l	99
67) Ethyl Benzene	11.48	91	226216	17.306	ug/l	100
68) m/p-Xylenes	11.60	106	163945	34.895	ug/l	100
69) o-Xylene	11.92	106	77589	17.391	ug/l	100
70) Styrene	11.94	104	132298	17.554	ug/l	99
71) Bromoform	12.10	173	34242	17.005	ug/l #	98
73) Isopropylbenzene	12.22	105	213390	17.841	ug/l	99
74) N-amyl acetate	12.05	43	97018	18.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	70520	16.967	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	71993m	18.699	ug/l	
77) Bromobenzene	12.50	156	49954	17.380	ug/l	97
78) n-propylbenzene	12.57	91	246534	17.597	ug/l	100
79) 2-Chlorotoluene	12.65	91	151016	17.491	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	178275	17.969	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23725	17.154	ug/l	95
82) 4-Chlorotoluene	12.75	91	157143	17.486	ug/l	98
83) tert-Butylbenzene	12.97	119	147864	17.949	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	171625	17.634	ug/l	100
85) sec-Butylbenzene	13.15	105	194424	17.628	ug/l	99
86) p-Isopropyltoluene	13.26	119	170361	17.959	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	85354	16.922	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	86159	17.352	ug/l	99
89) n-Butylbenzene	13.59	91	136500	16.747	ug/l	99
90) Hexachloroethane	13.85	117	33153	16.418	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	84268	17.472	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	13333	17.669	ug/l	98

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ClientSampleId :
VN0721WBSD01

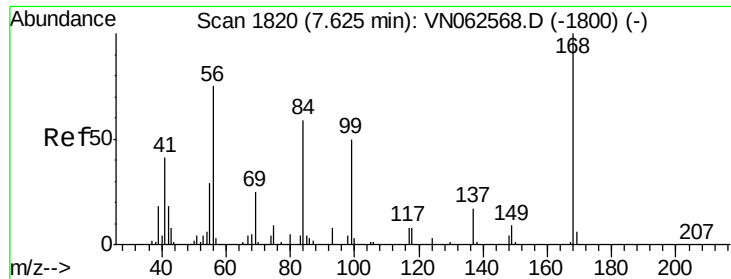
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	36419	16.574	ug/l	96
94) Hexachlorobutadiene	14.98	225	23236	17.526	ug/l	97
95) Naphthalene	15.10	128	97264	17.133	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	37765	16.615	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: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleID :

VN0721WBSD01

Tot Ion:168 Resp: 220848

Ion Ratio Lower Upper

168 100

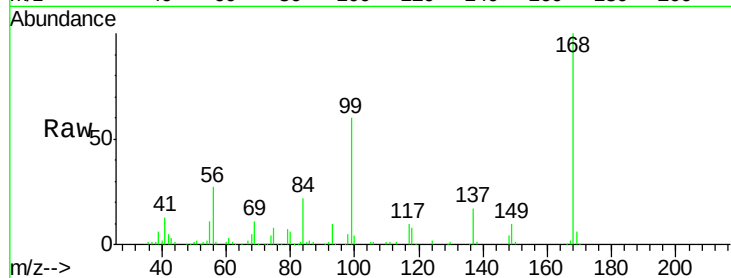
99 60.2 48.4 72.6

Manual Integrations

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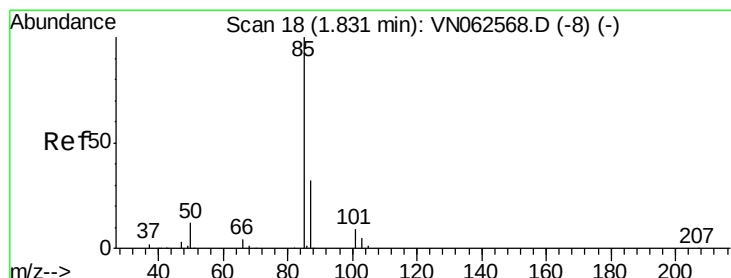
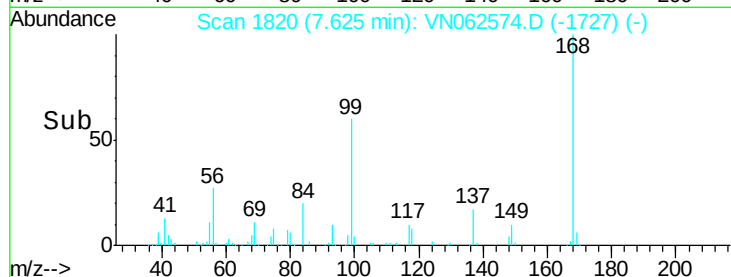
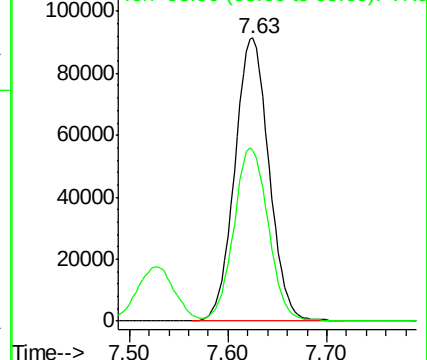
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.457 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062574.D

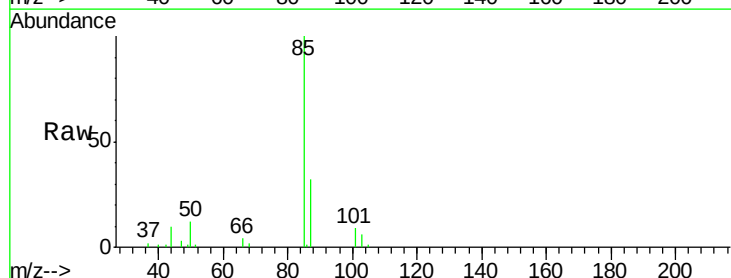
Acq: 21 Jul 2020 16:27

Tgt Ion: 85 Resp: 43354

Ion Ratio Lower Upper

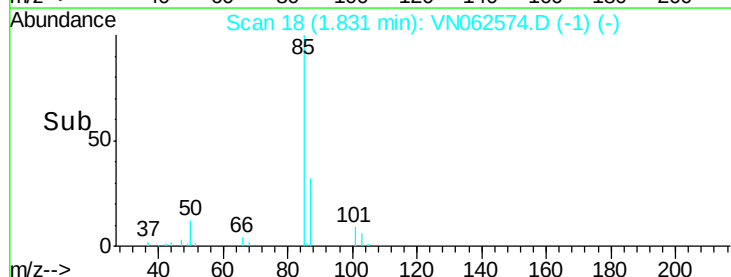
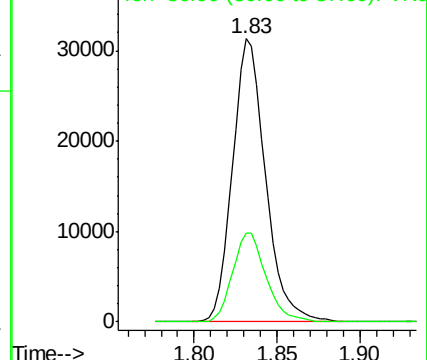
85 100

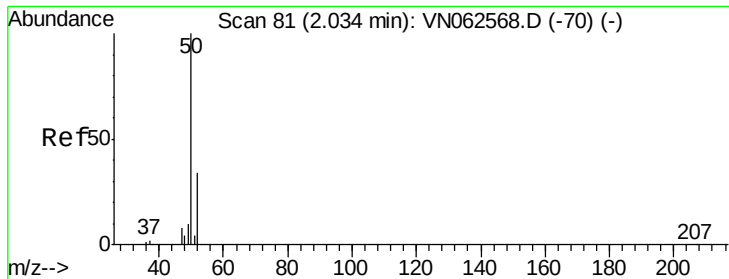
87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 16.097 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tot Ion: 50 Resp: 57515

Ion Ratio Lower Upper

50 100

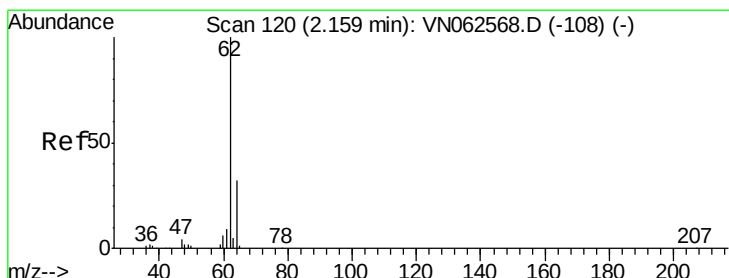
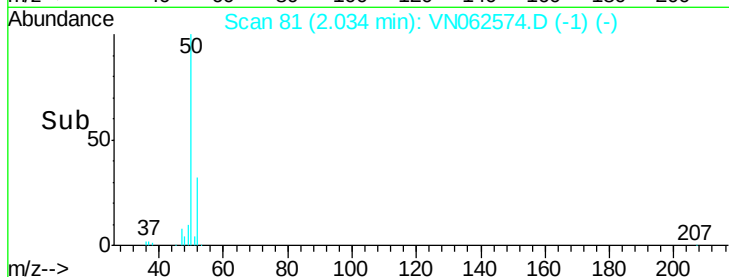
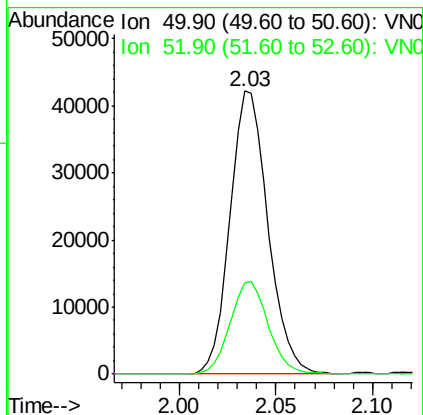
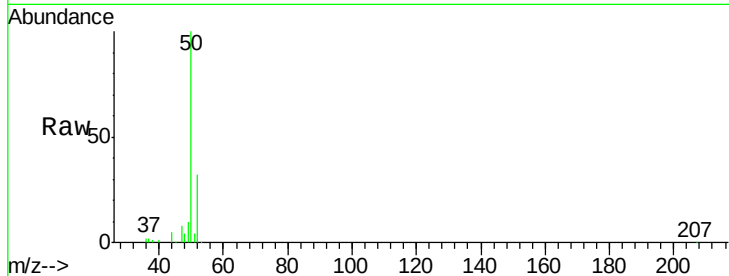
52 32.4 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.523 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062574.D

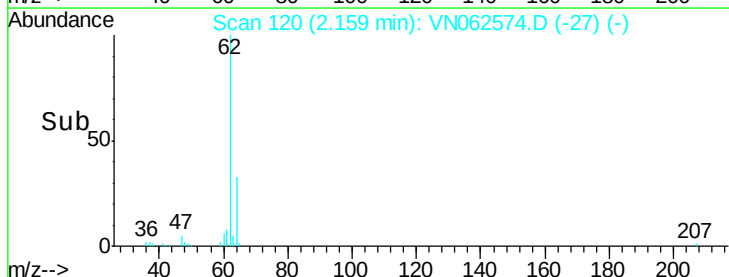
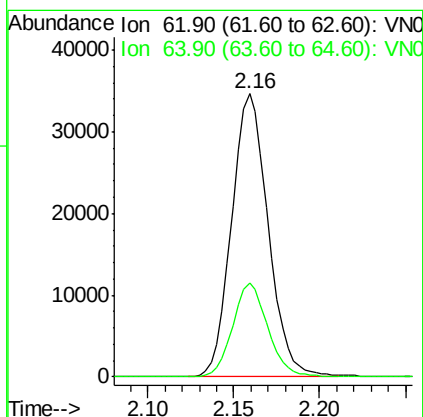
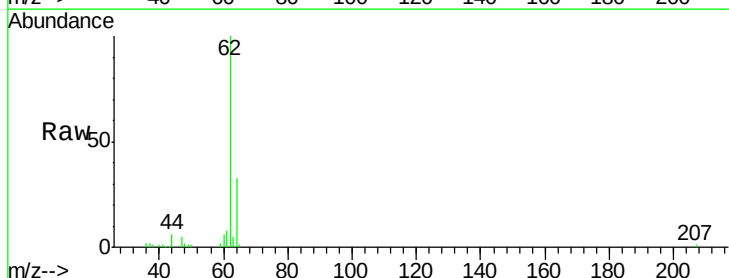
Acq: 21 Jul 2020 16:27

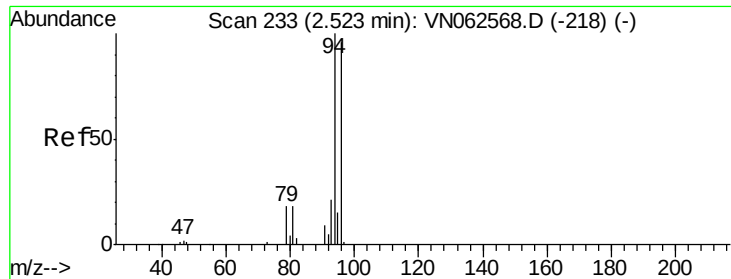
Tgt Ion: 62 Resp: 51177

Ion Ratio Lower Upper

62 100

64 33.2 25.8 38.8





#5

Bromomethane

Concen: 17.583 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tot Ion: 94 Resp: 24122

Ion Ratio Lower Upper

94 100

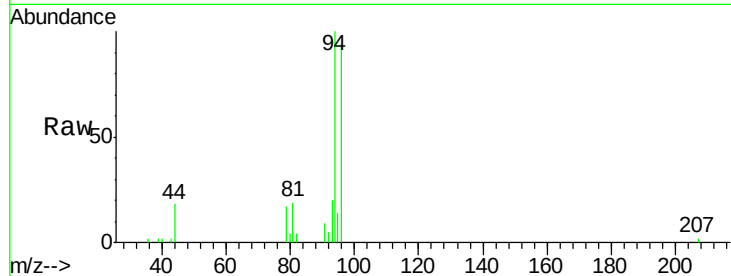
96 94.1 76.6 114.8

Manual Integrations

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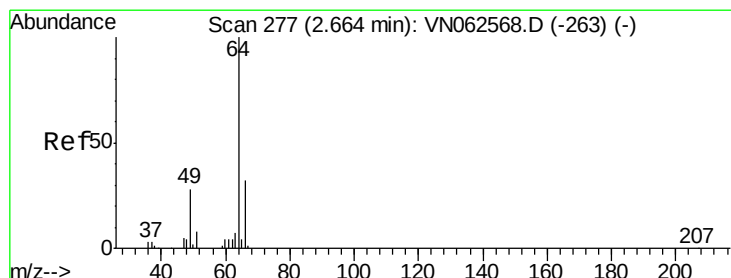
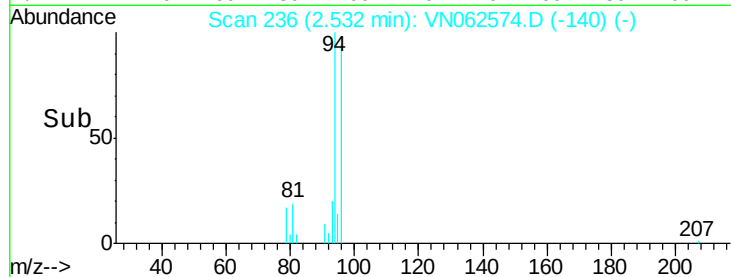
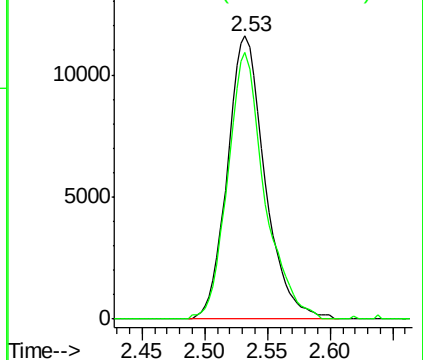
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.940 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062574.D

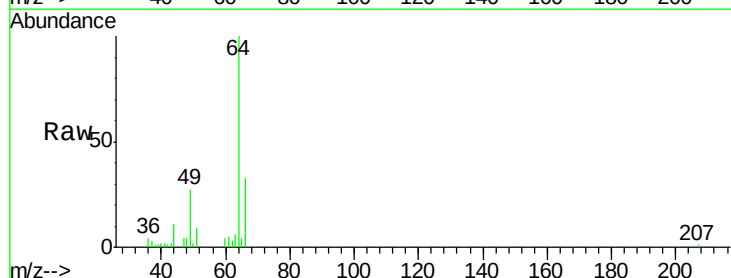
Acq: 21 Jul 2020 16:27

Tgt Ion: 64 Resp: 23734

Ion Ratio Lower Upper

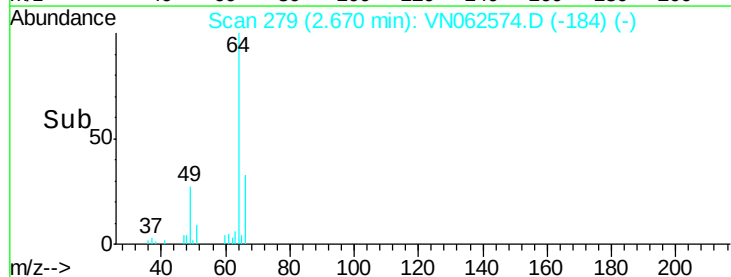
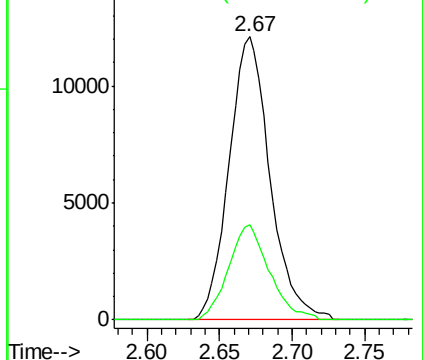
64 100

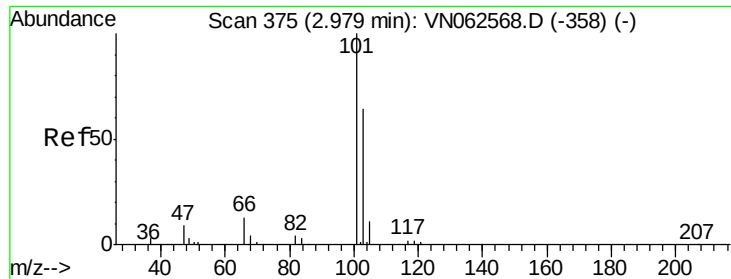
66 33.4 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

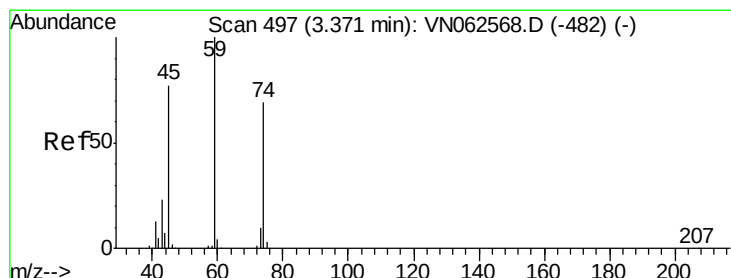
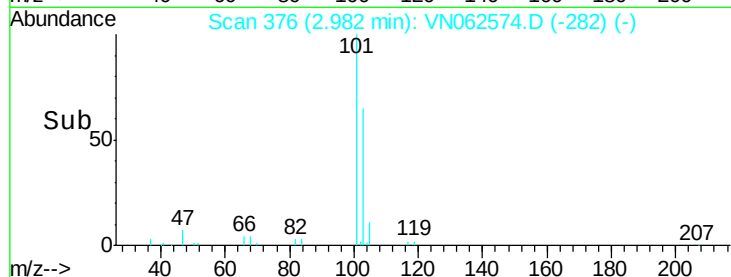
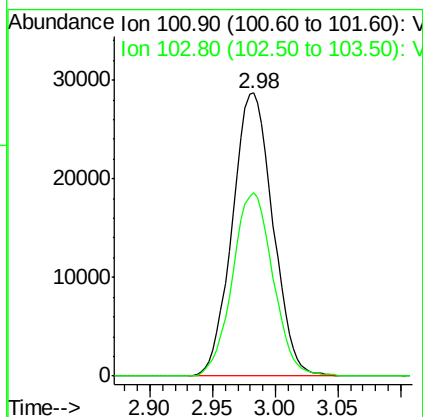
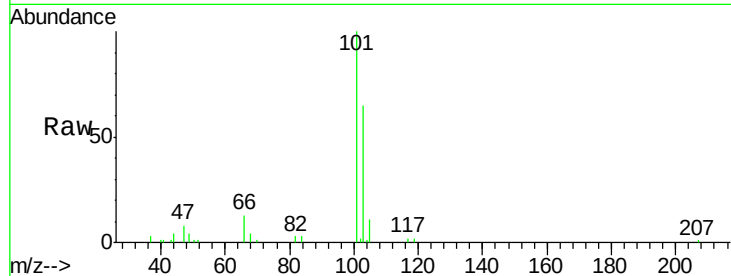
Trichlorofluoromethane
Concen: 17.726 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.5	77.3

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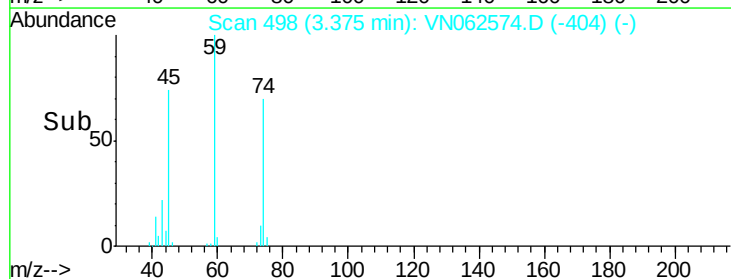
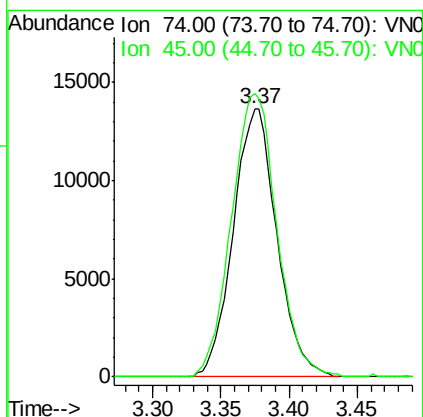
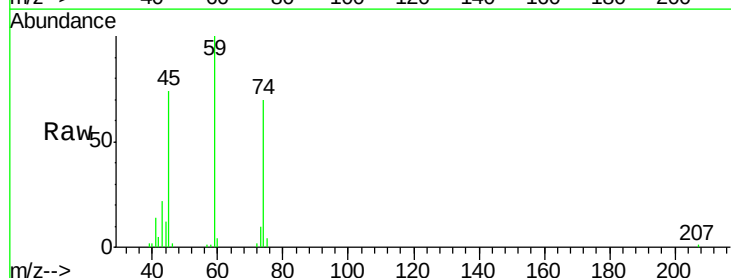
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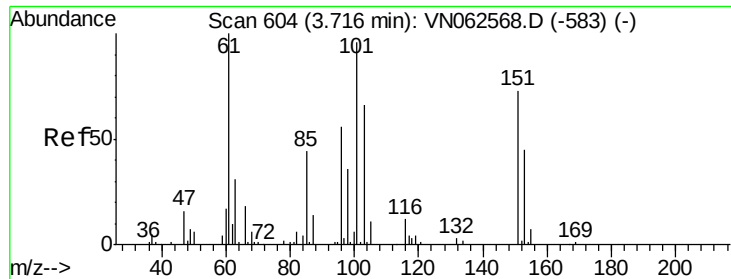


#8

Diethyl Ether
Concen: 17.811 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.2	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.892 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

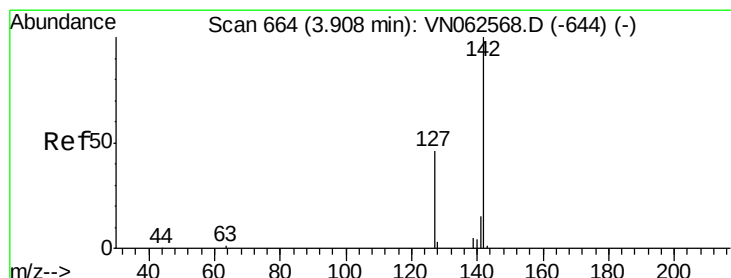
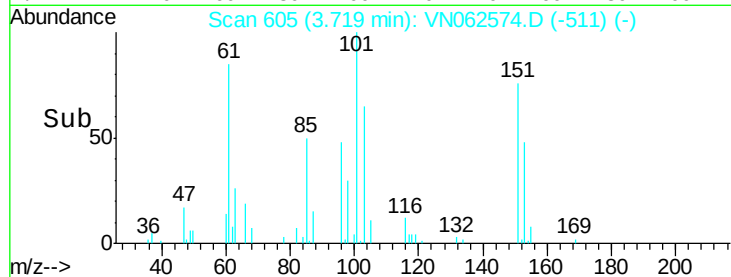
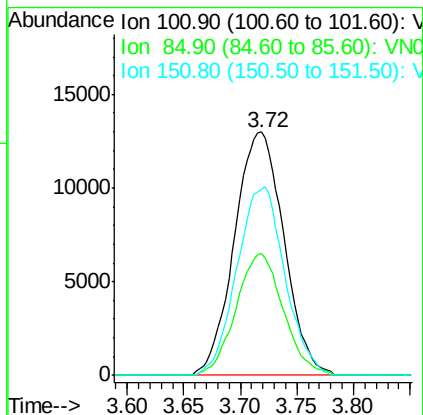
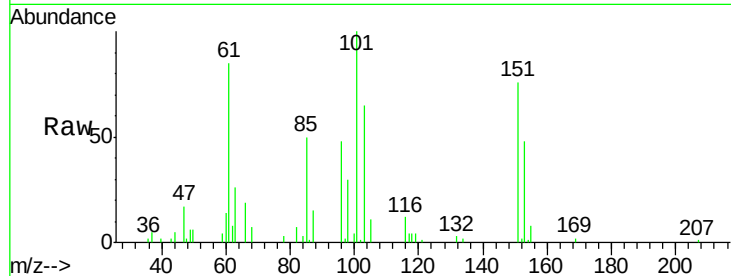
ClientSampleId :

VN0721WBSD01

Tot Ion:	101	Resp:	39386
Ion Ratio	Lower	Upper	
101	100		
85	47.9	36.0	54.0
151	75.5	60.0	90.0

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#10

Methyl Iodide

Concen: 15.838 ug/l

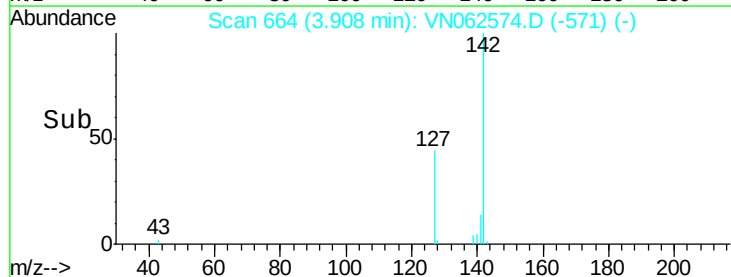
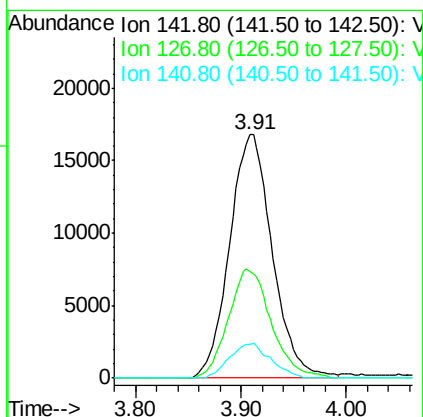
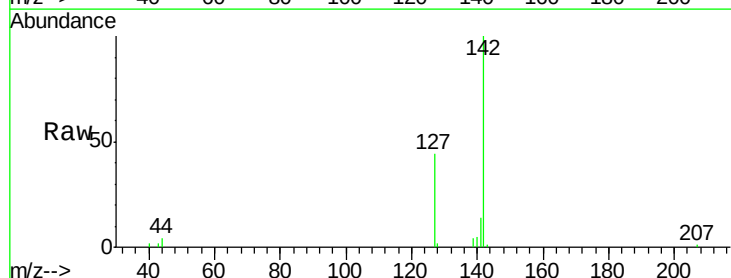
RT: 3.91 min Scan# 664

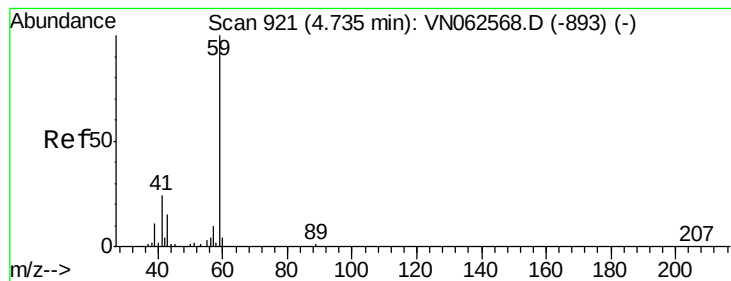
Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	142	Resp:	47212
Ion Ratio	Lower	Upper	
142	100		
127	44.9	37.4	56.0
141	13.7	11.9	17.9





#11

Tert butyl alcohol

Concen: 87.622 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tot Ion: 59 Resp: 47821

Ion Ratio Lower Upper

59 100

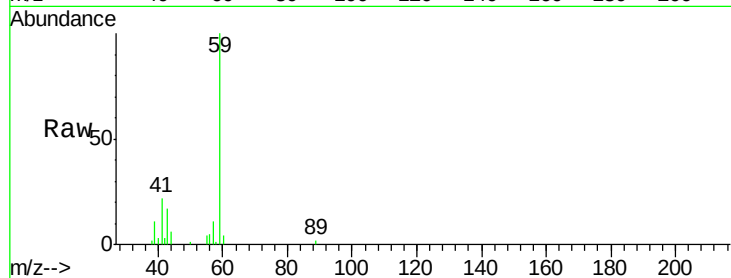
57 9.8 8.2 12.2

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Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

15000

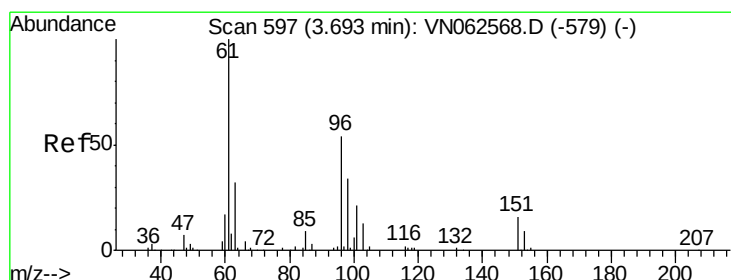
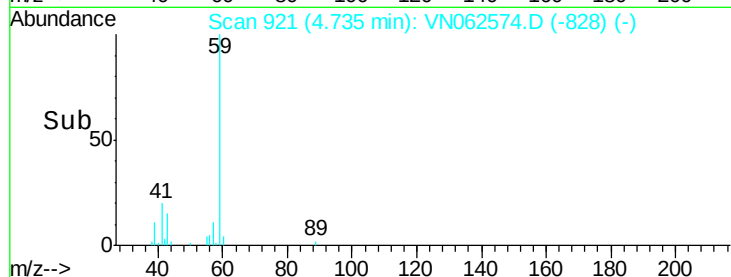
10000

5000

0

4.60 4.70 4.80

Time-->



#12

1,1-Dichloroethene

Concen: 17.115 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

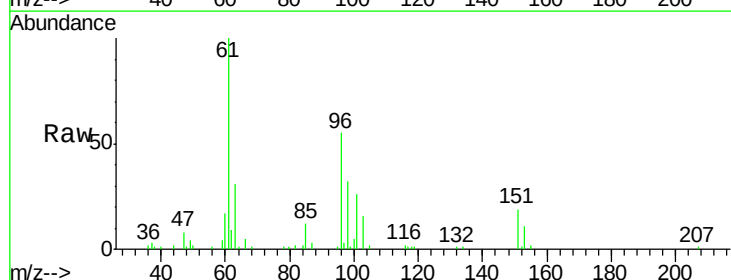
Tgt Ion: 96 Resp: 40473

Ion Ratio Lower Upper

96 100

61 182.9 148.6 222.8

98 59.0 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

40000

30000

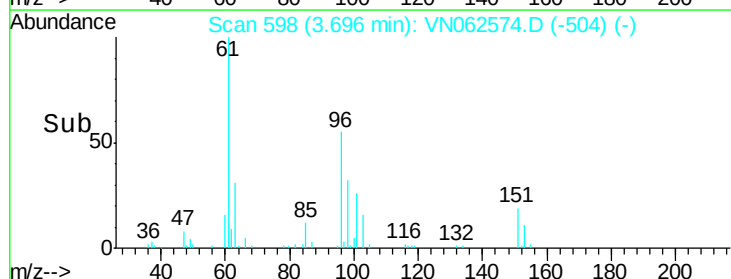
20000

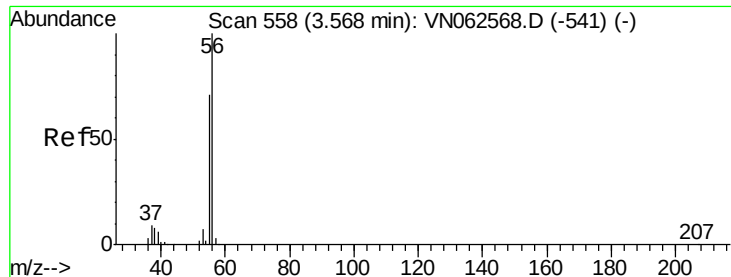
10000

0

3.60 3.65 3.70 3.75 3.80

Time-->





#13

Acrolein

Concen: 79.319 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tot Ion: 56 Resp: 41753

Ion Ratio Lower Upper

56 100

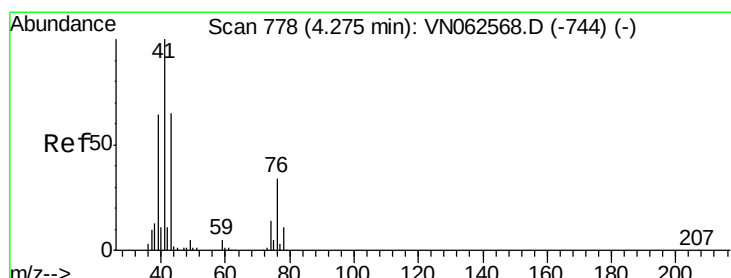
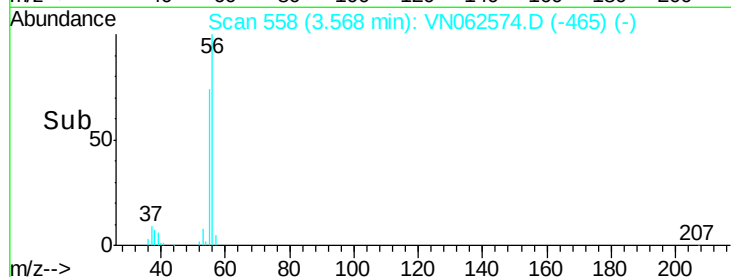
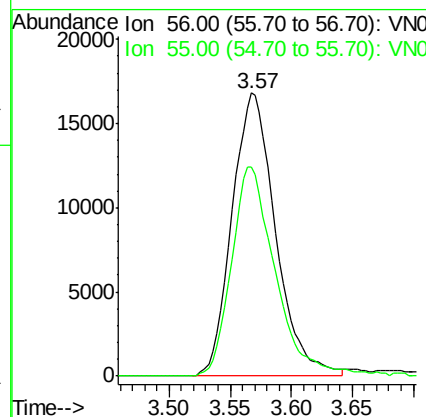
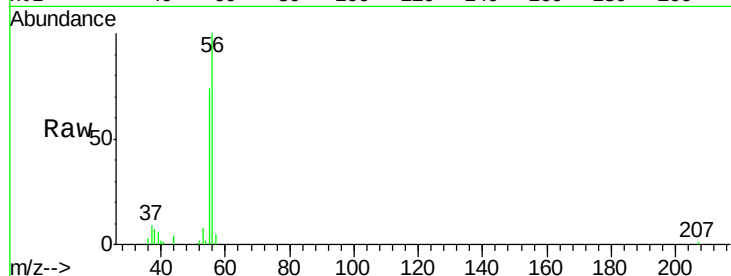
55 74.2 57.0 85.4

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#14

Allyl chloride

Concen: 16.866 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

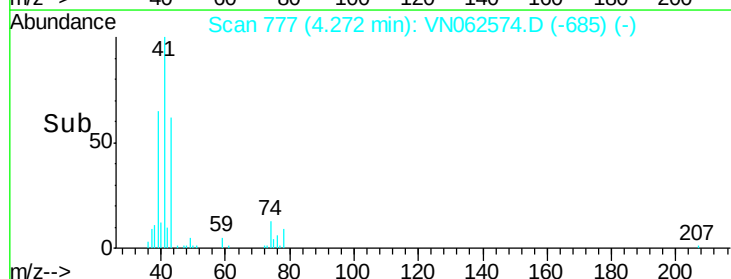
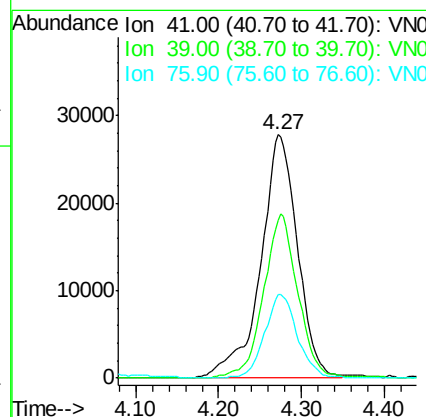
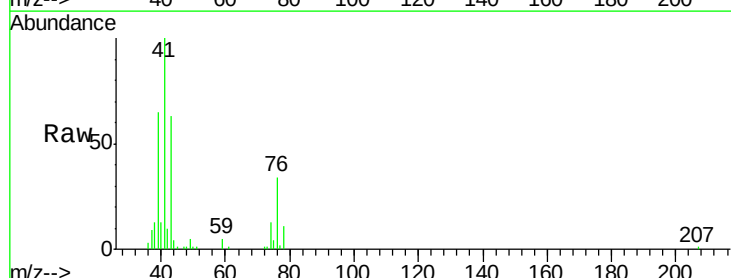
Tgt Ion: 41 Resp: 86273

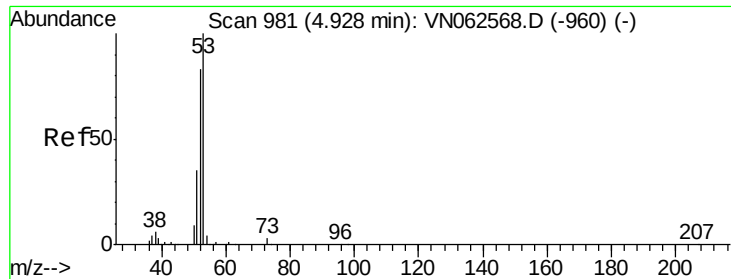
Ion Ratio Lower Upper

41 100

39 62.7 49.0 73.4

76 30.6 24.0 36.0





#15

Acrylonitrile

Concen: 88.040 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

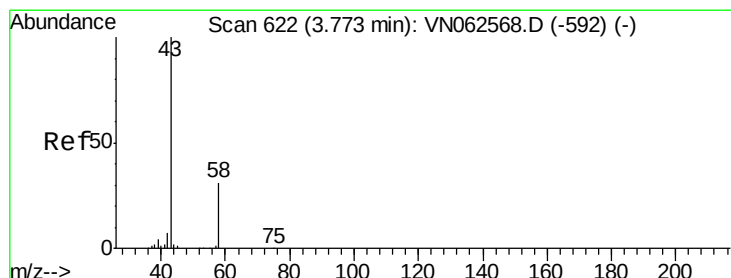
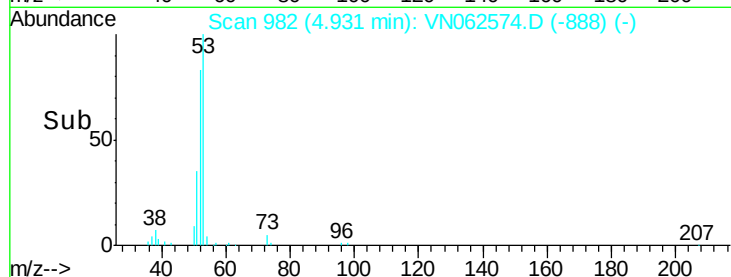
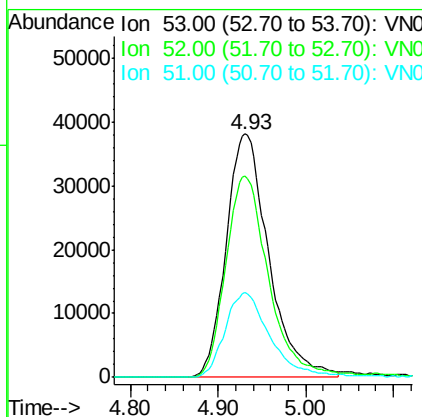
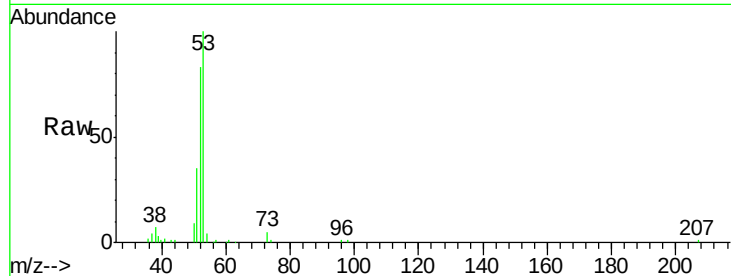
ClientSampleId :

VN0721WBSD01

Tot Ion	53	Resp	128699
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.3	99.5
51	36.8	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 87.154 ug/l

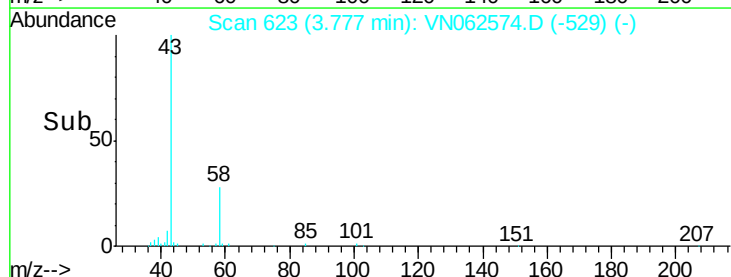
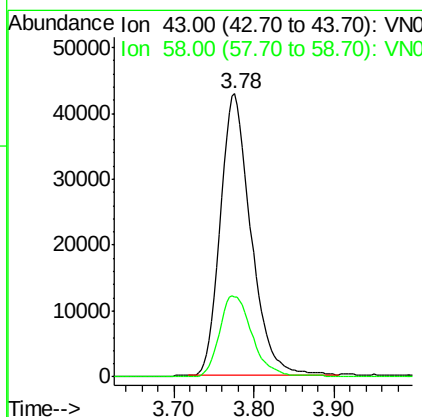
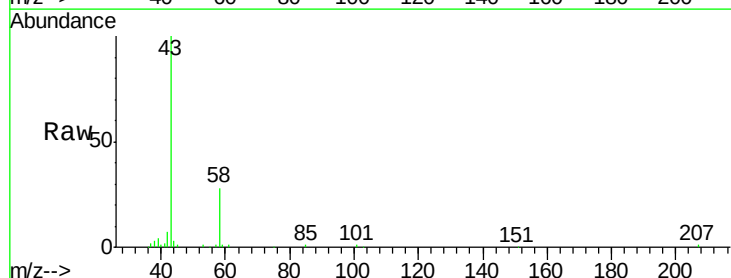
RT: 3.78 min Scan# 623

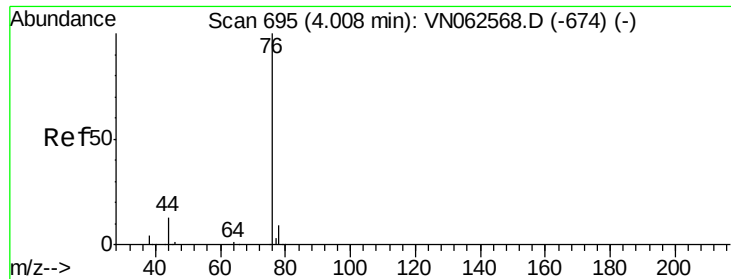
Delta R.T. 0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Tgt Ion	43	Resp	112518
Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.6	37.0





#17

Carbon Disulfide

Concen: 16.029 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tot Ion: 76 Resp: 124543

Ion Ratio Lower Upper

76 100

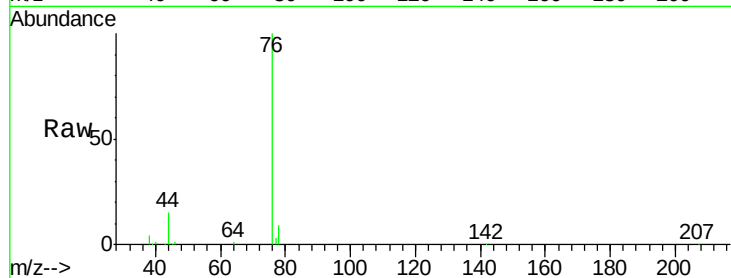
78 8.6 7.3 10.9

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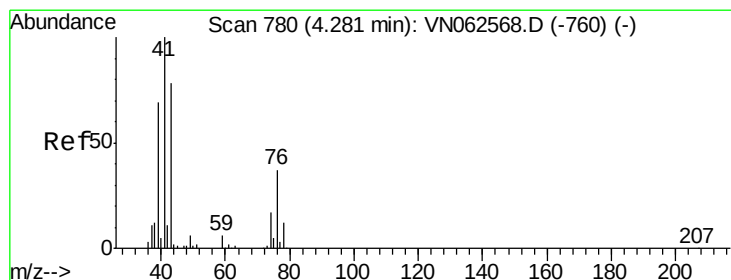
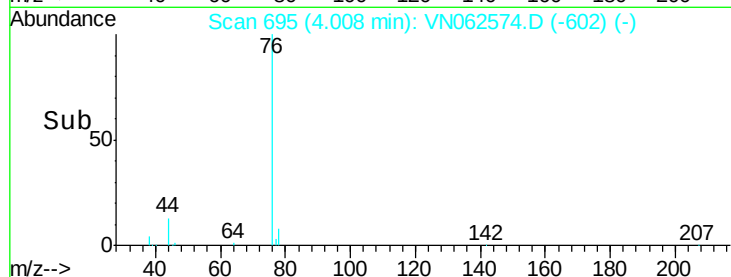
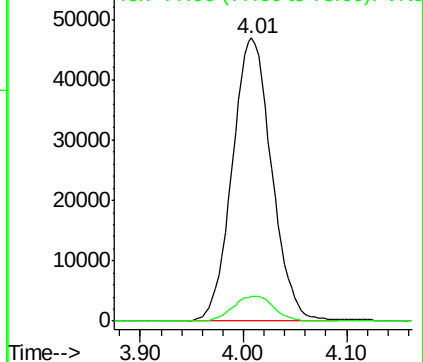
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 17.718 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062574.D

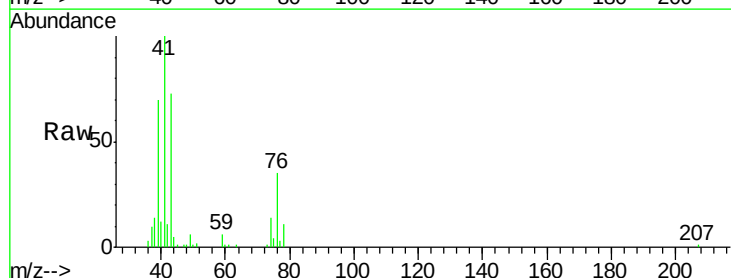
Acq: 21 Jul 2020 16:27

Tgt Ion: 43 Resp: 57907

Ion Ratio Lower Upper

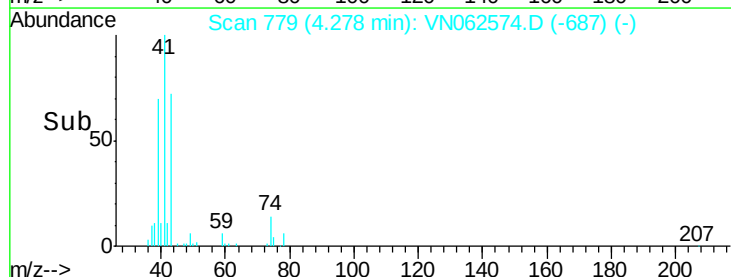
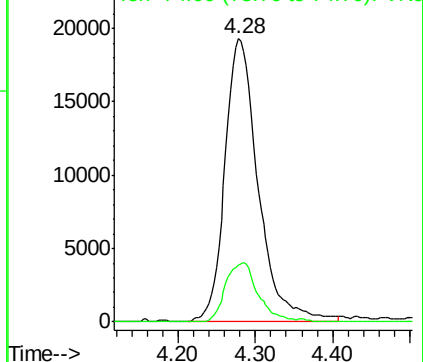
43 100

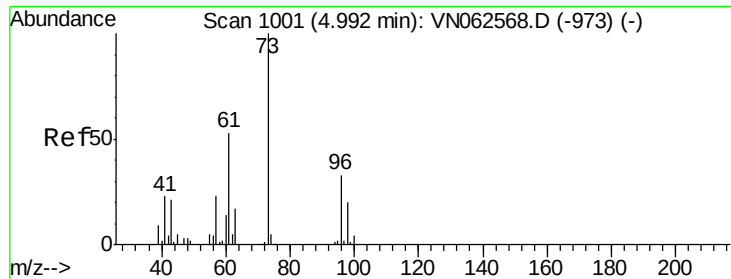
74 20.3 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





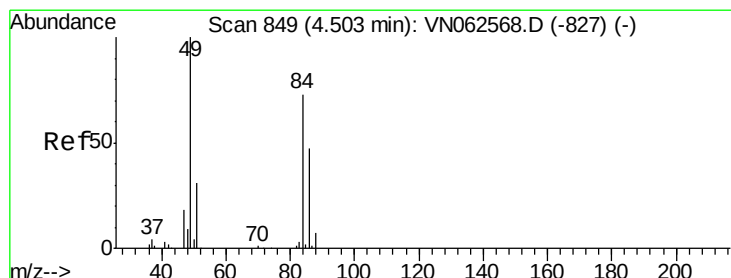
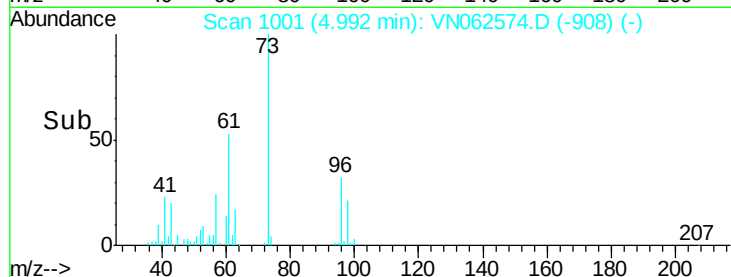
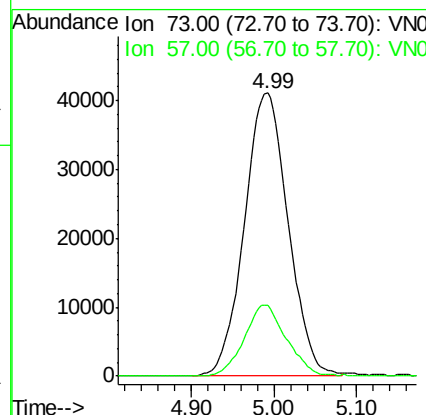
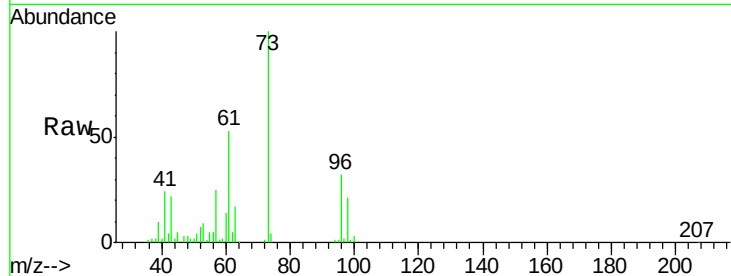
#19
Methvl tert-butyl Ether
Concen: 17.322 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion: 73 Resp: 150763
Ion Ratio Lower Upper
73 100
57 24.8 18.6 27.8

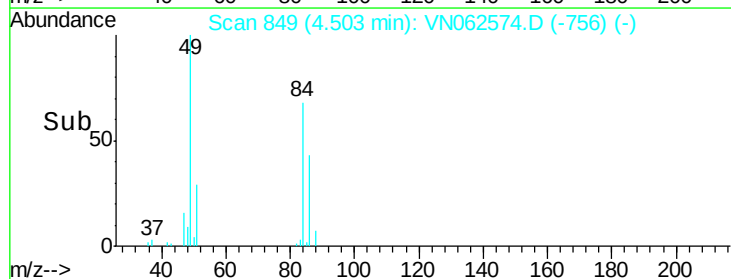
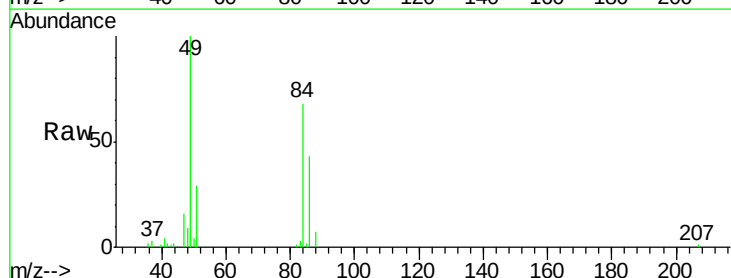
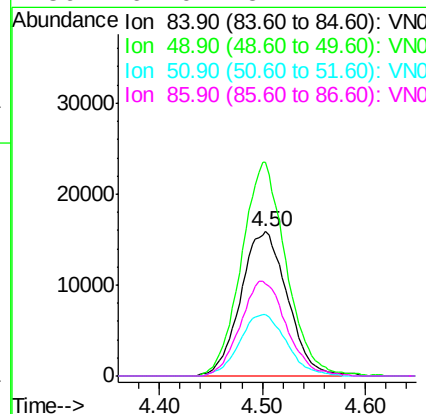
Manual Integrations
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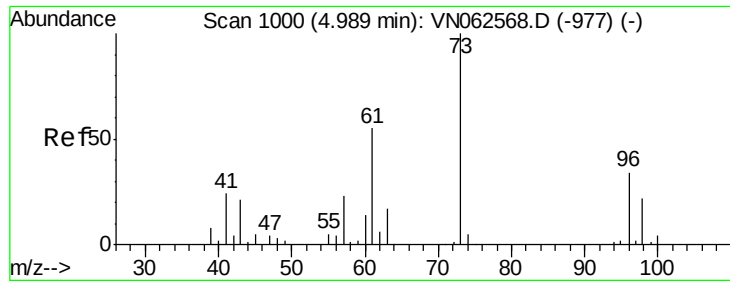
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#20
Methylene Chloride
Concen: 16.134 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 84 Resp: 49958
Ion Ratio Lower Upper
84 100
49 148.0 109.4 164.0
51 42.5 33.6 50.4
86 64.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 16.575 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

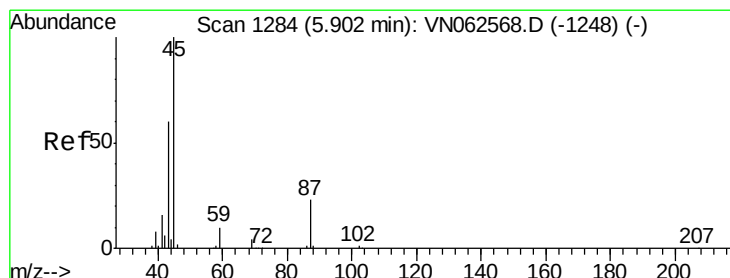
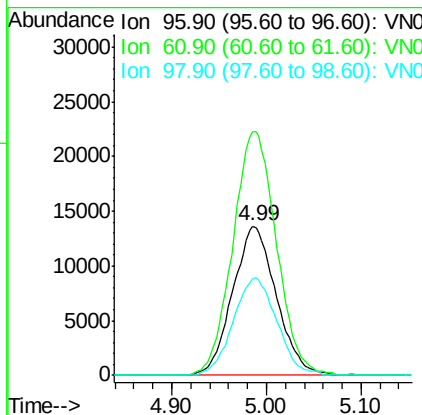
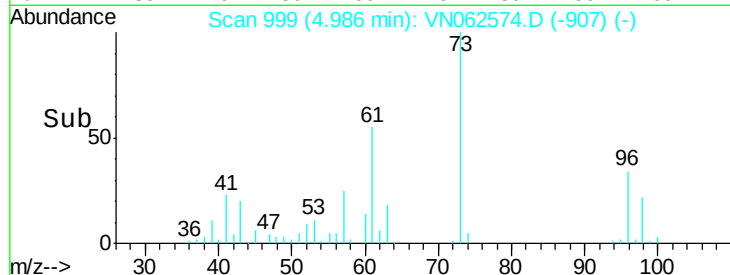
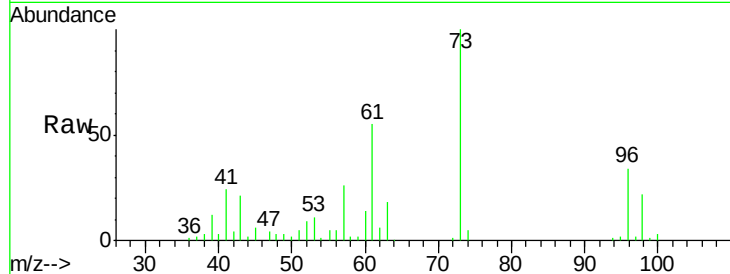
ClientSampleId :

VN0721WBSD01

Tot Ion:	96	Resp:	43501
Ion	Ratio	Lower	Upper
96	100		
61	163.2	128.6	192.8
98	64.9	50.6	76.0

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#22

Diisopropyl ether

Concen: 17.590 ug/l

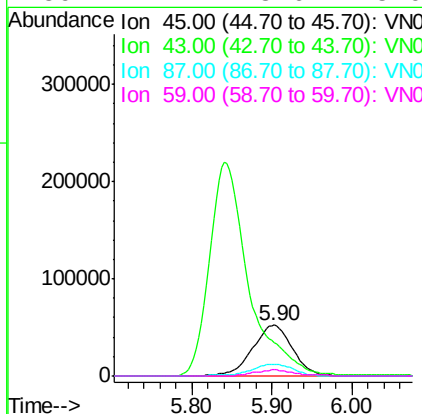
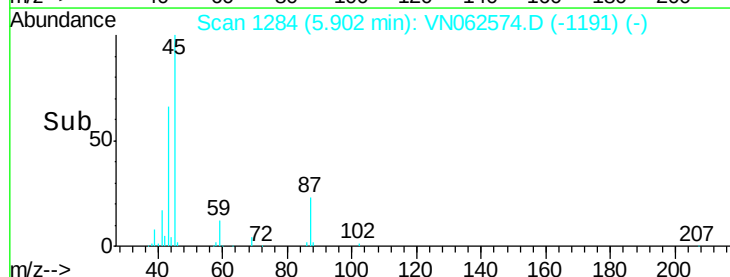
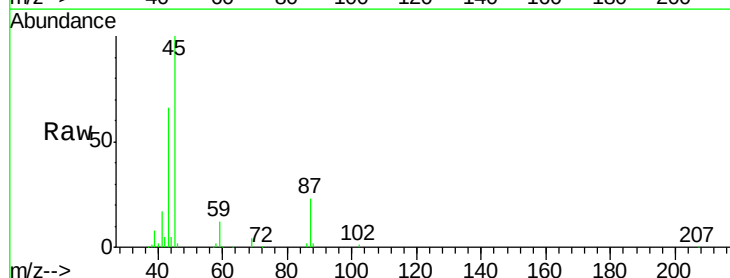
RT: 5.90 min Scan# 1284

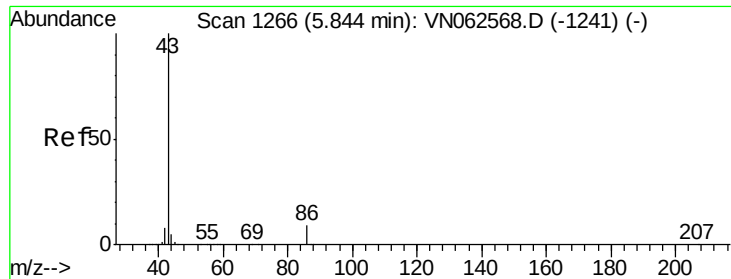
Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	45	Resp:	178846
Ion	Ratio	Lower	Upper
45	100		
43	63.1	48.7	73.1
87	23.4	19.0	28.6
59	11.7	8.6	13.0





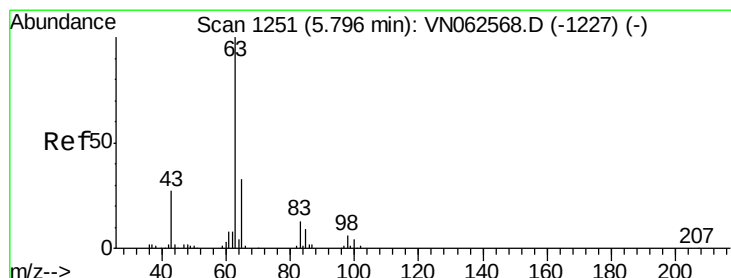
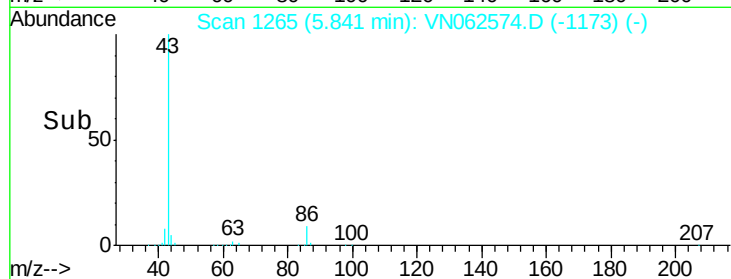
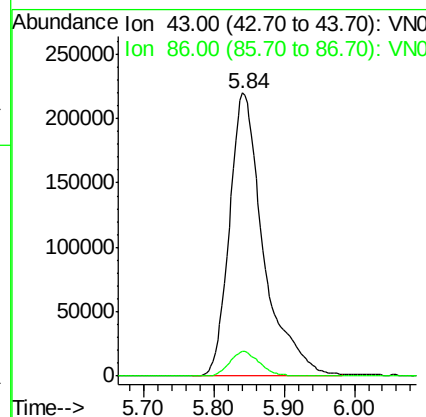
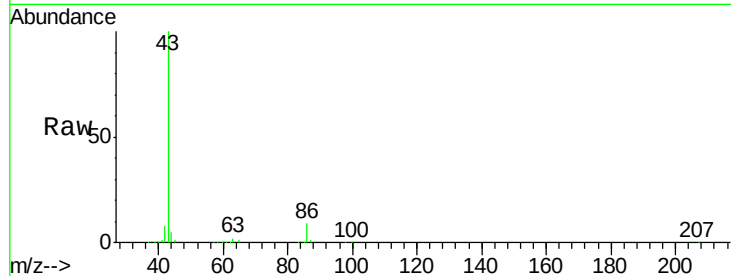
#23
 Vinyl Acetate
 Concen: 89.259 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
86	8.7	6.9	10.3

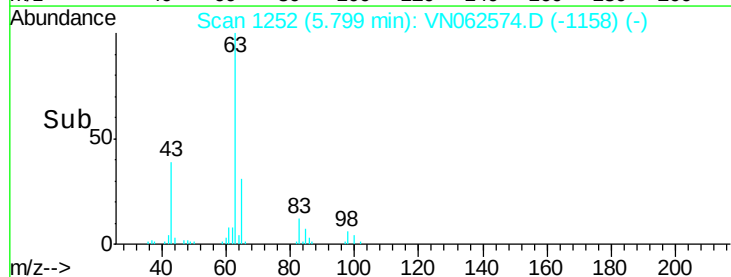
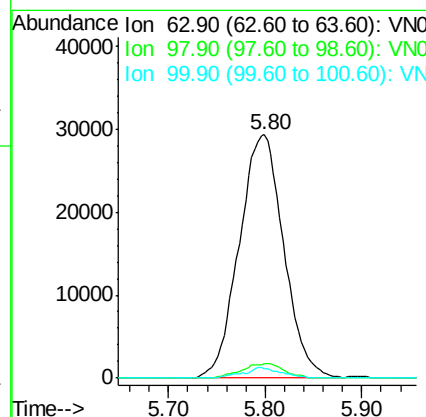
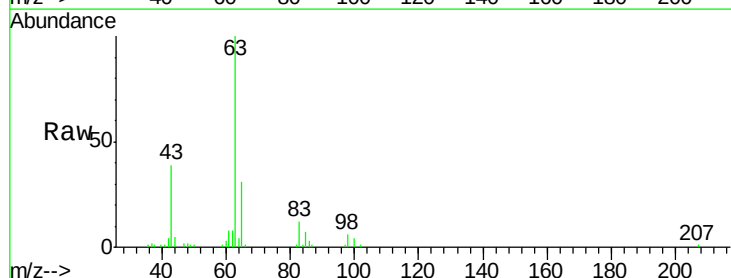
Manual Integrations
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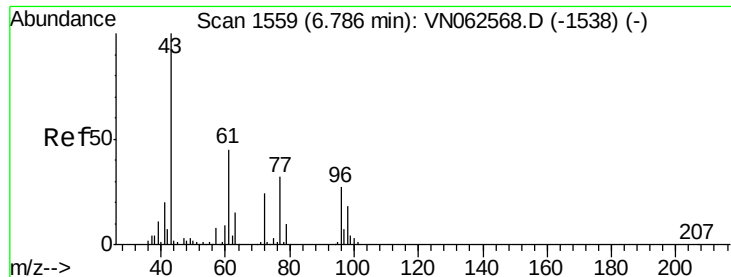
MMDadoda
 7/22/2020 2:45:48 PM



#24
 1,1-Dichloroethane
 Concen: 17.120 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.9	8.8
100	4.1	1.8	5.4





#25

2-Butanone

Concen: 88.780 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tot Ion: 43 Resp: 174558

Ion Ratio Lower Upper

43 100

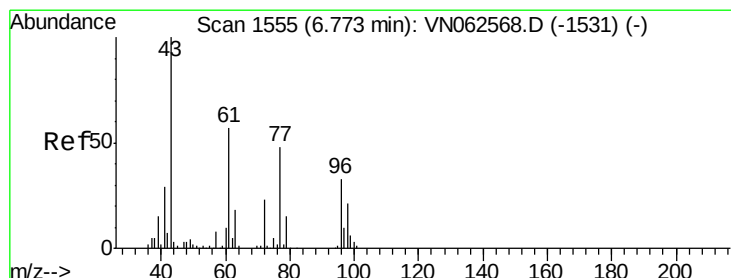
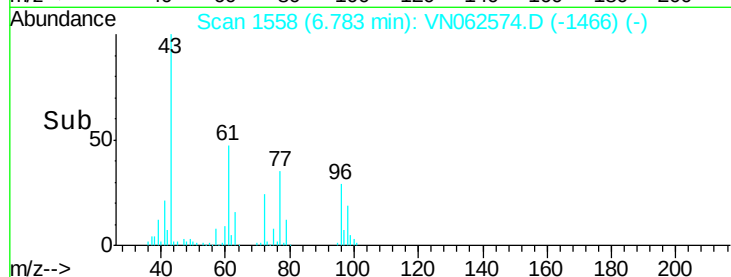
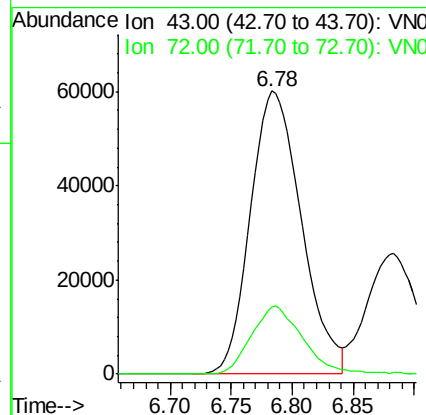
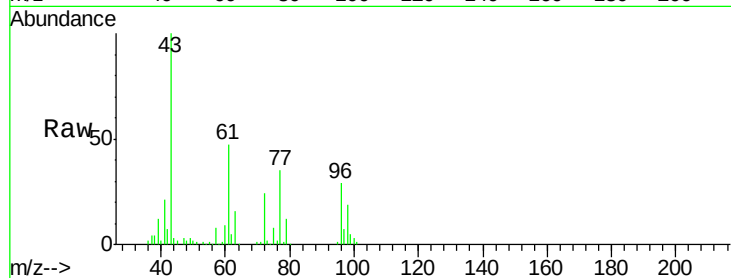
72 23.8 19.0 28.6

Manual Integrations

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7/22/2020 2:45:48 PM



#26

2,2-Dichloropropane

Concen: 16.546 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062574.D

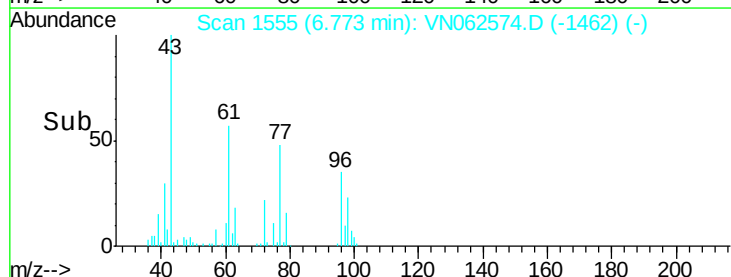
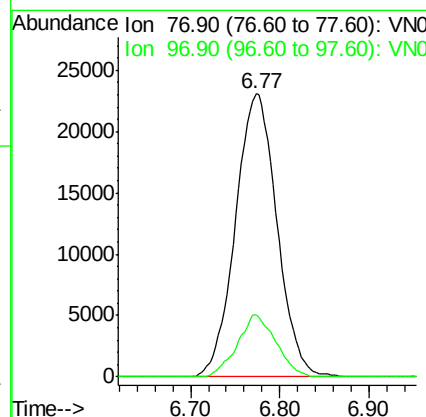
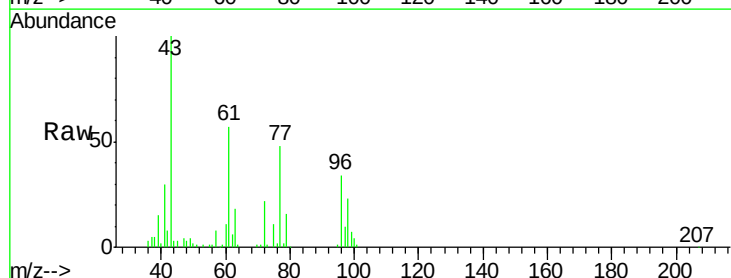
Acq: 21 Jul 2020 16:27

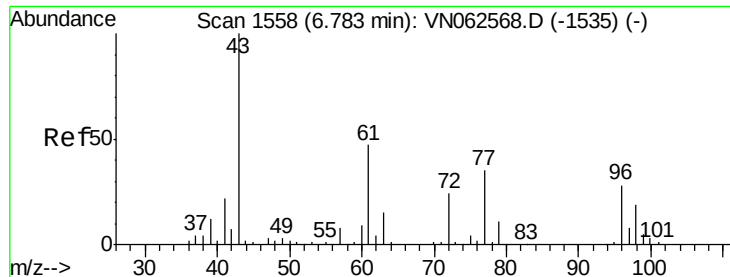
Tgt Ion: 77 Resp: 74370

Ion Ratio Lower Upper

77 100

97 20.3 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 17.000 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

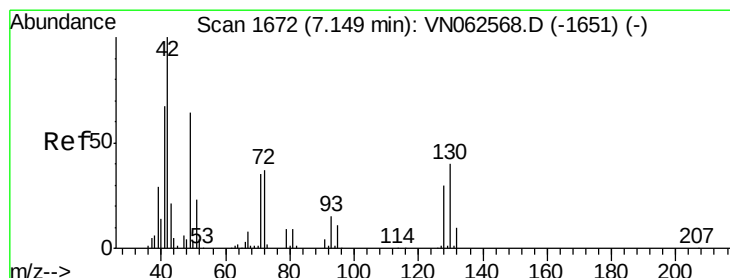
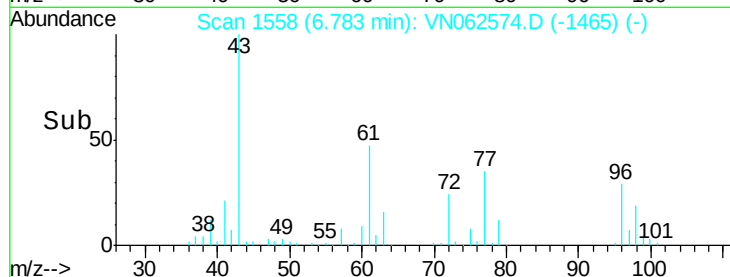
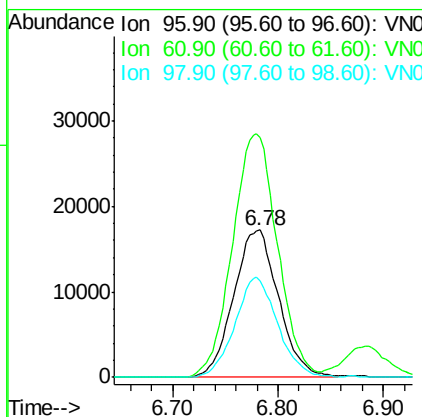
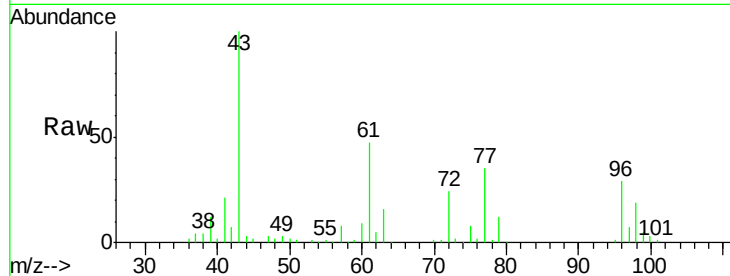
ClientSampled :

VN0721WBSD01

Tot Ion:	96	Resp:	50912
Ion	Ratio	Lower	Upper
96	100		
61	165.7	0.0	332.4
98	64.5	0.0	127.4

Manual Integrations
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#28

Bromochloromethane

Concen: 18.849 ug/l

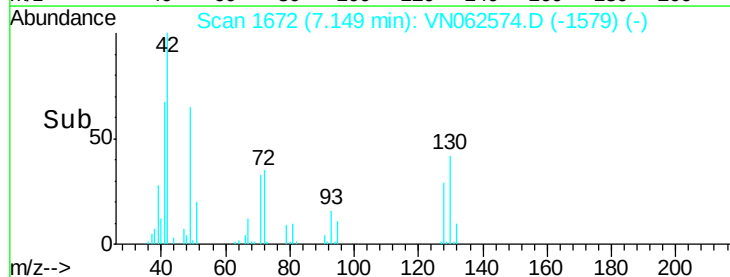
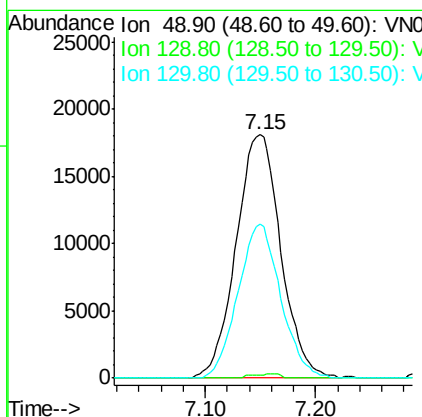
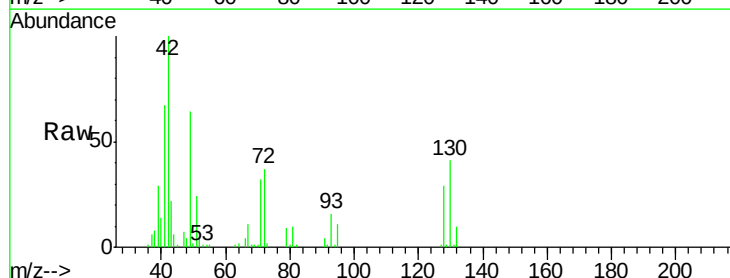
RT: 7.15 min Scan# 1672

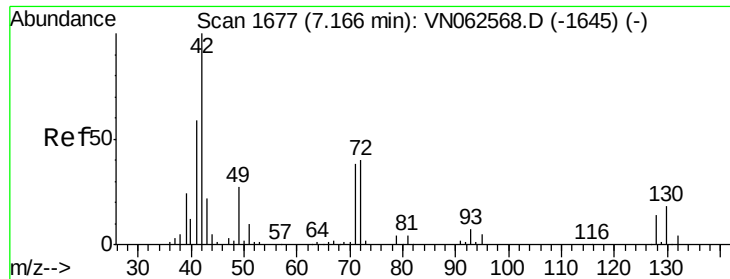
Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	49	Resp:	50789
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.4
130	60.5	49.8	74.8





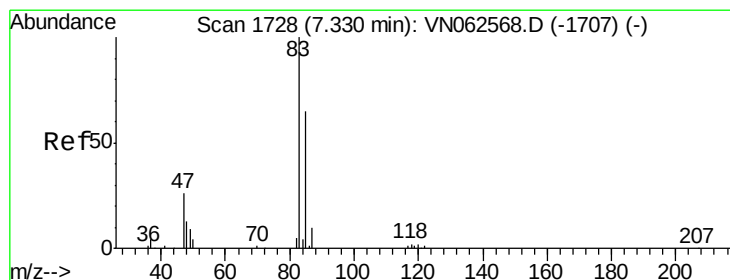
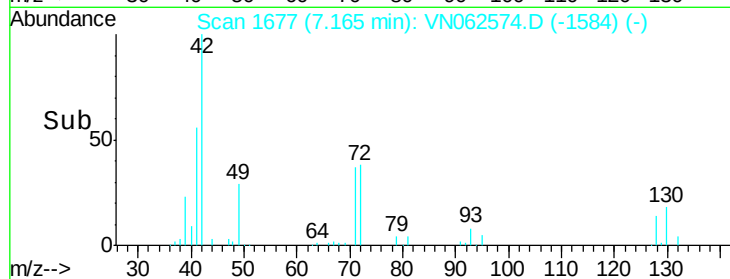
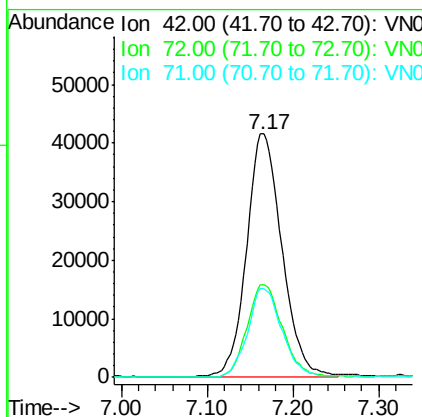
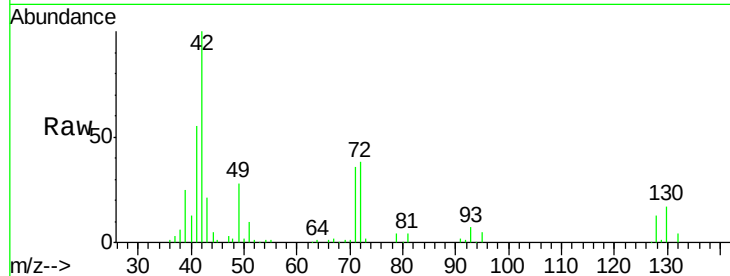
#29
Tetrahydrofuran
Concen: 89.731 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.2	30.7	46.1
71	35.5	29.1	43.7

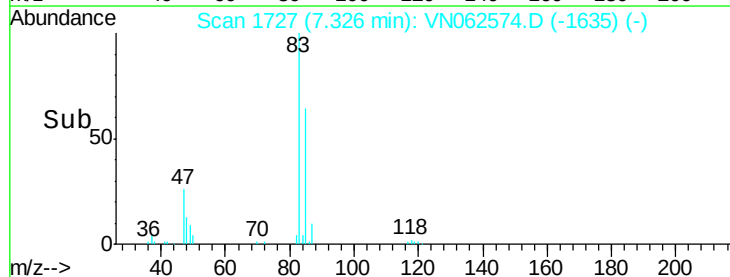
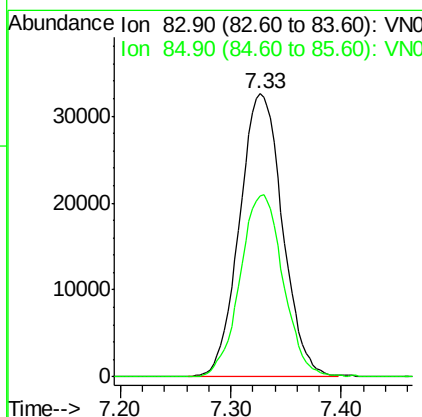
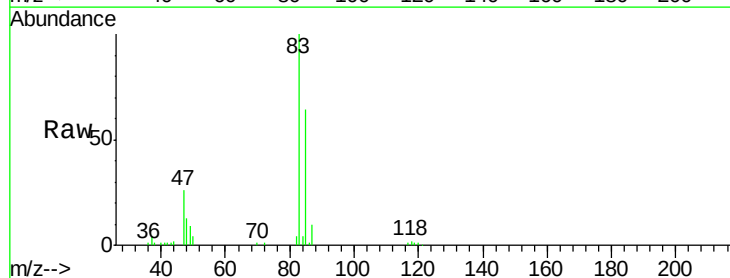
Manual Integrations
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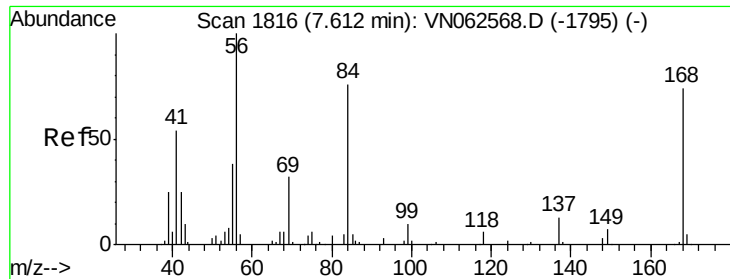
MMDadoda
7/22/2020 2:45:48 PM



#30
Chloroform
Concen: 16.932 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.0	78.0





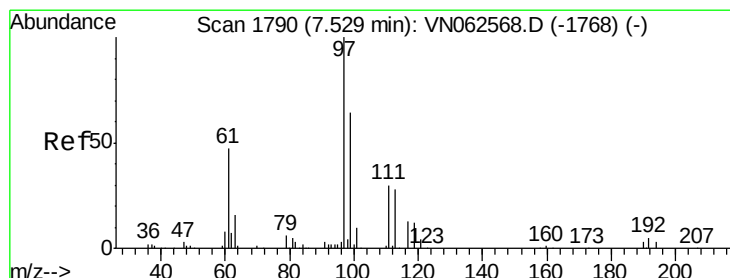
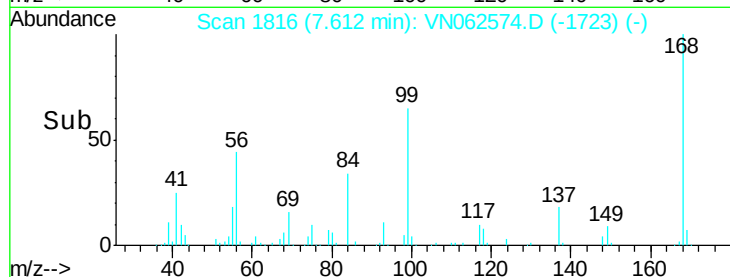
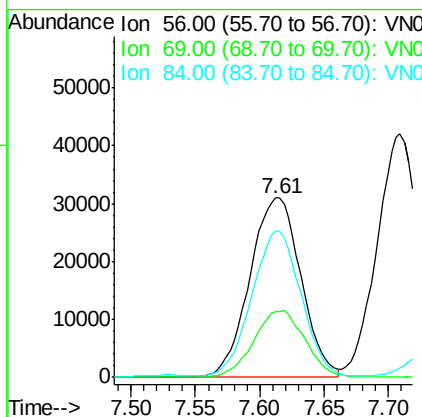
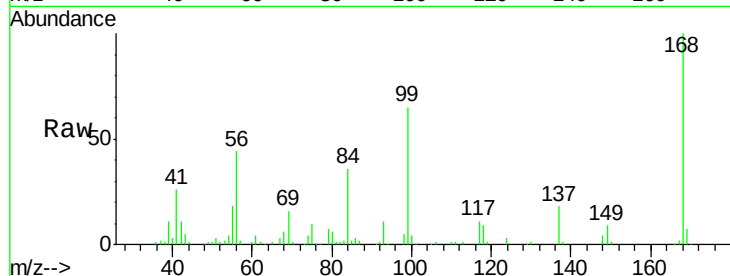
#31
Cyclohexane
Concen: 16.903 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.9	25.3	37.9
84	80.3	61.0	91.4

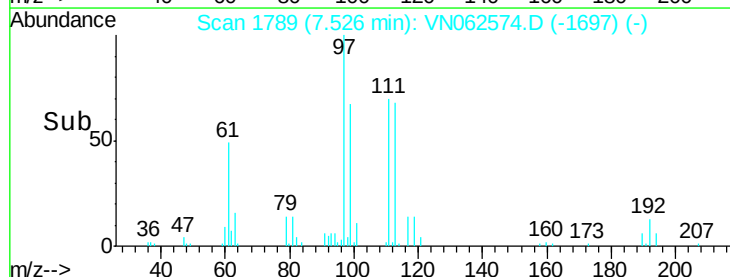
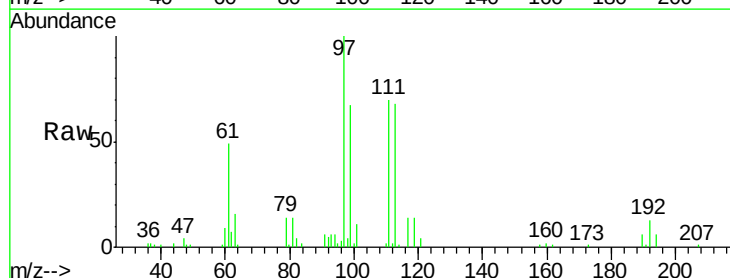
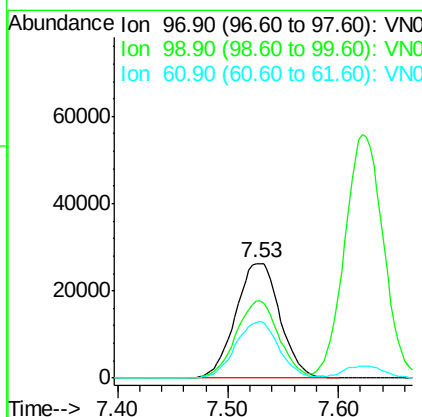
Manual Integrations
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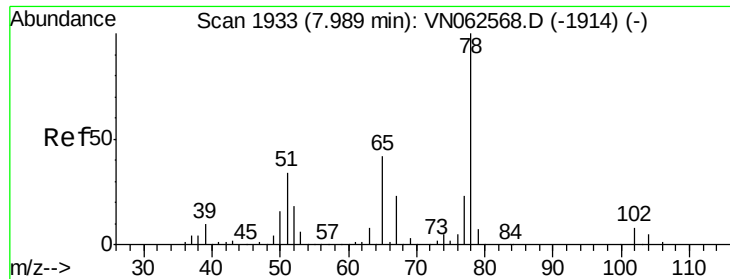
MMDadoda
7/22/2020 2:45:48 PM



#32
1,1,1-Trichloroethane
Concen: 16.832 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.2	76.8
61	48.1	38.4	57.6





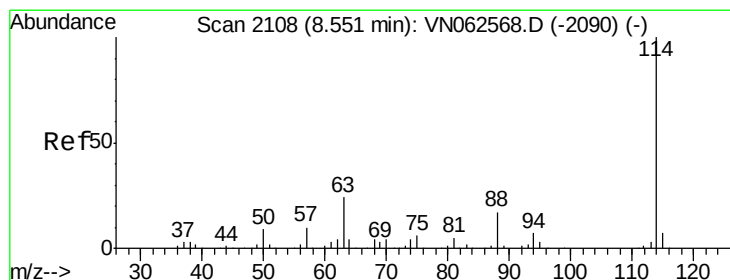
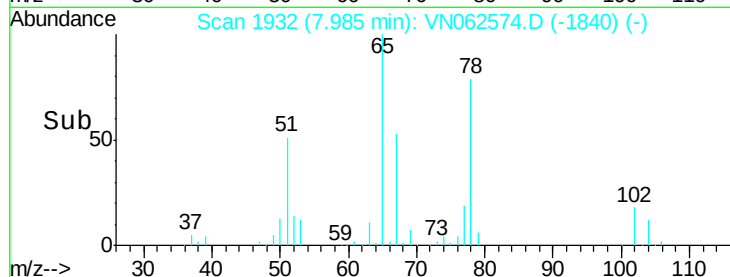
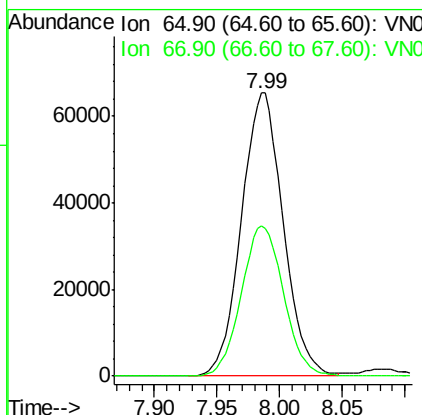
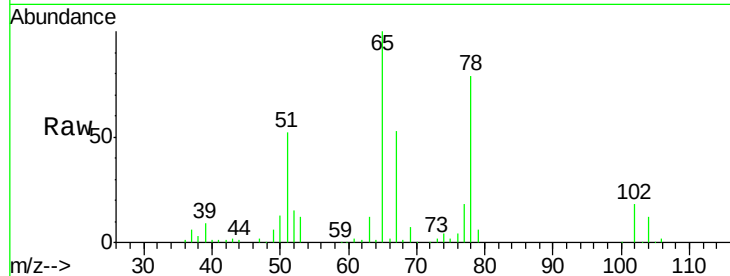
#33
 1,2-Dichloroethane-d4
 Concen: 44.211 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_N
 ClientSampled :
 VN0721WBSD01

Tot Ion: 65 Resp: 151677
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.0

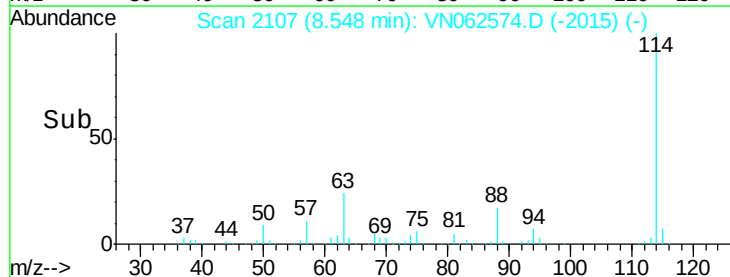
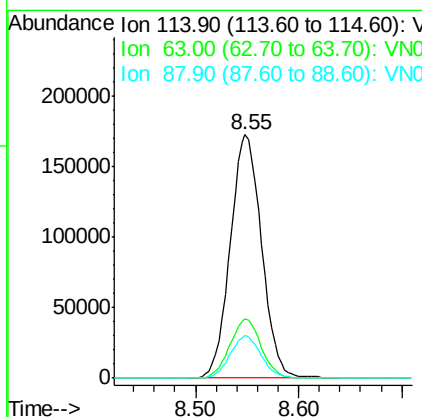
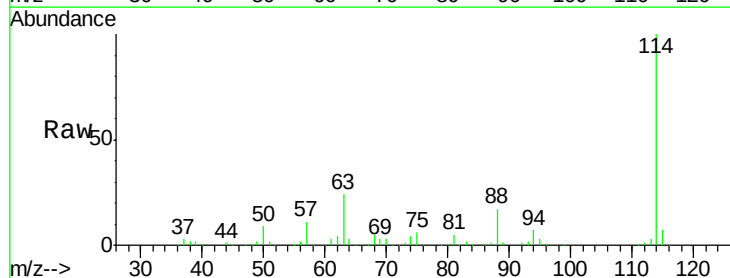
Manual Integrations
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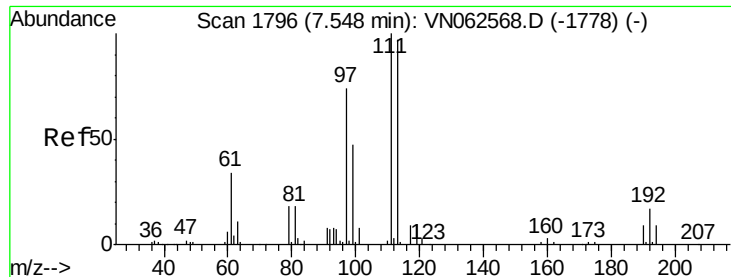
MMDadoda
 7/22/2020 2:45:48 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 114 Resp: 365195
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.4
 88 17.3 0.0 33.8





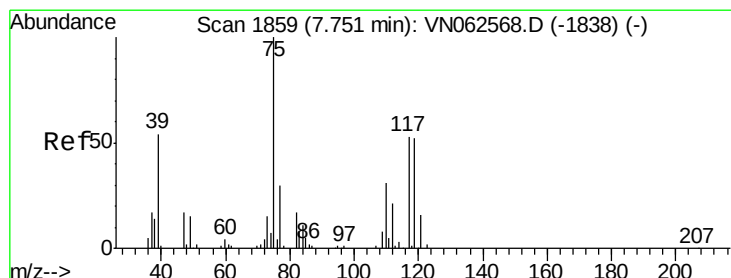
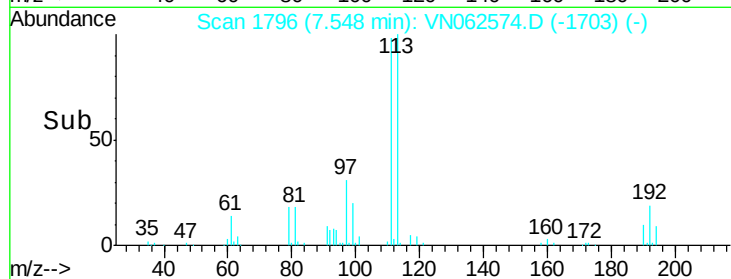
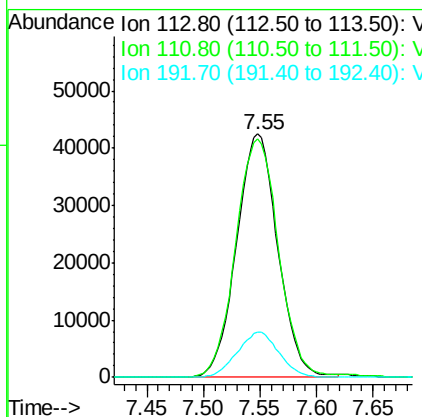
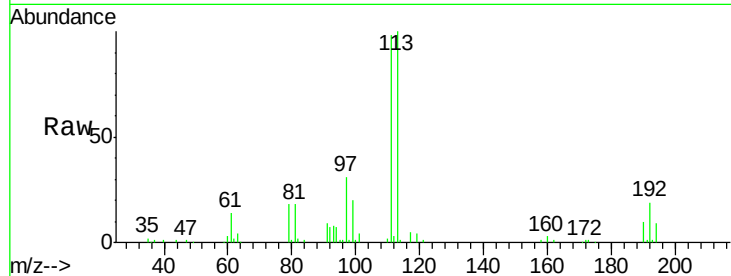
#35
 Dibromofluoromethane
 Concen: 44.828 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107533		
111	101.7		82.7	124.1
192	18.8		14.8	22.2

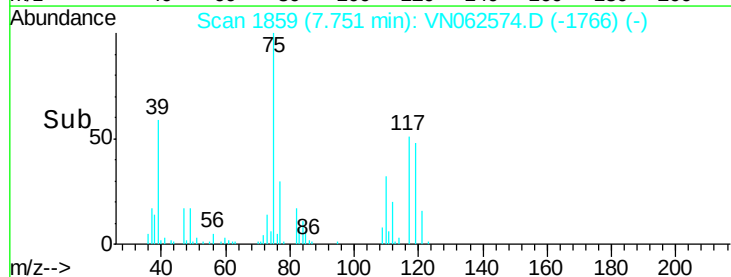
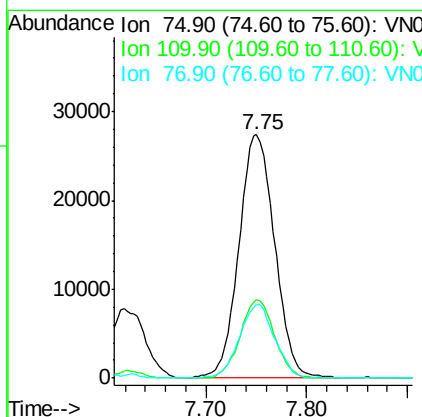
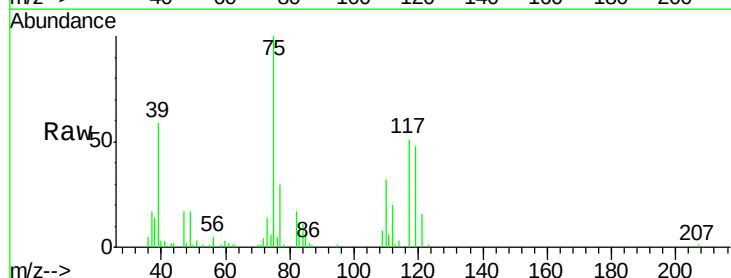
Manual Integrations
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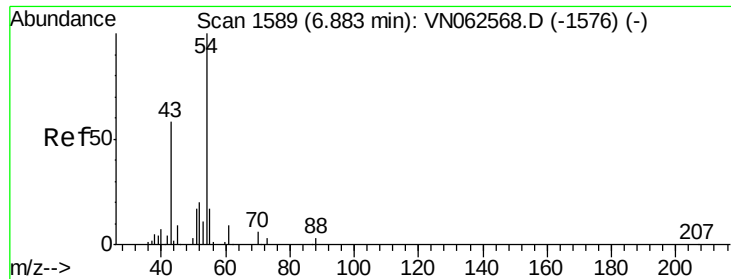
MMDadoda
 7/22/2020 2:45:48 PM



#36
 1,1-Dichloropropene
 Concen: 17.300 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67342		
110	30.9		16.0	48.0
77	29.8		24.6	36.8





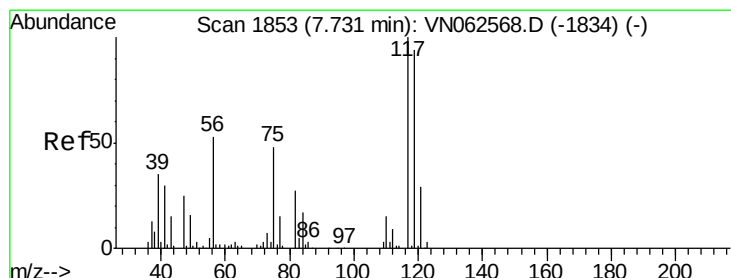
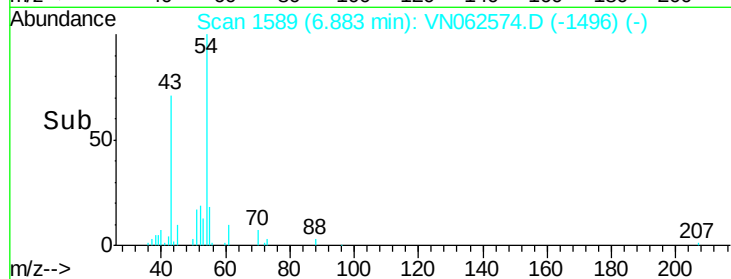
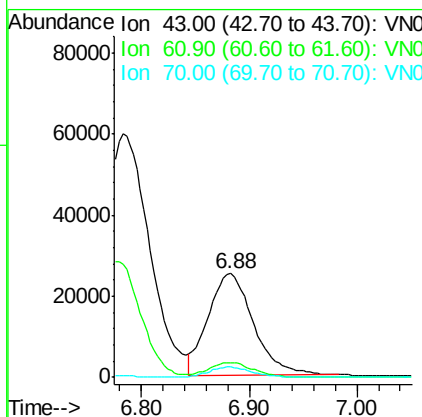
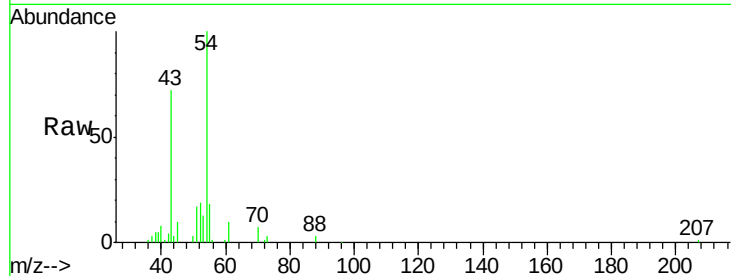
#37
Ethyl Acetate
Concen: 17.741 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampled :
VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.3	16.9
70	9.6	7.7	11.5

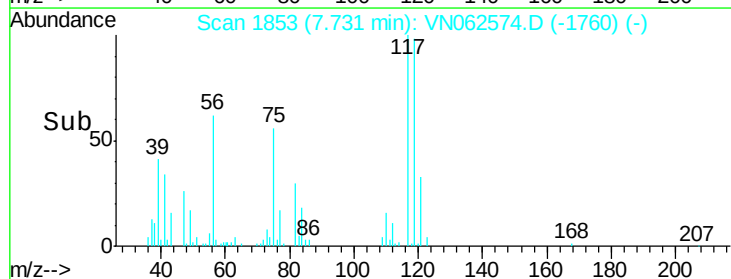
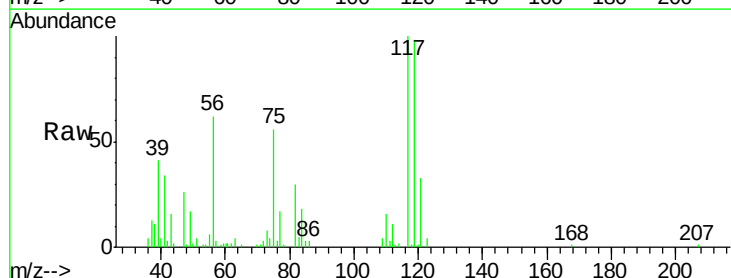
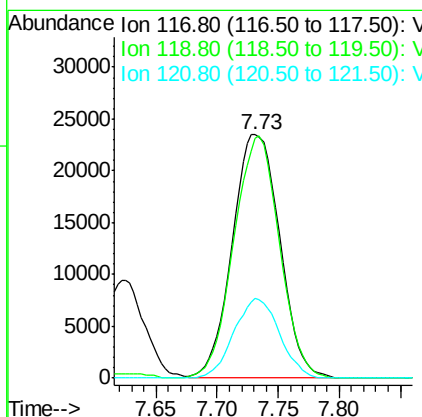
Manual Integrations
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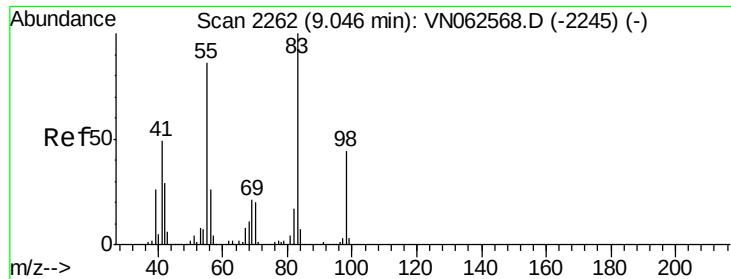
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#38
Carbon Tetrachloride
Concen: 16.928 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	74.8	112.2
121	32.5	23.0	34.6





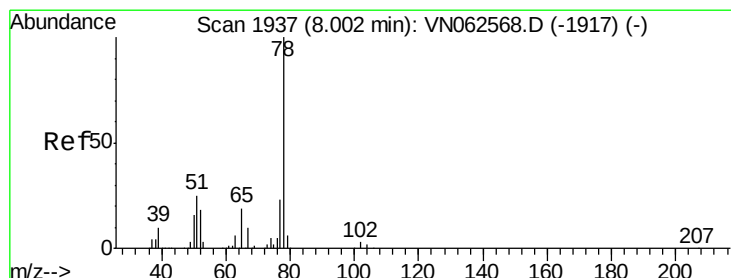
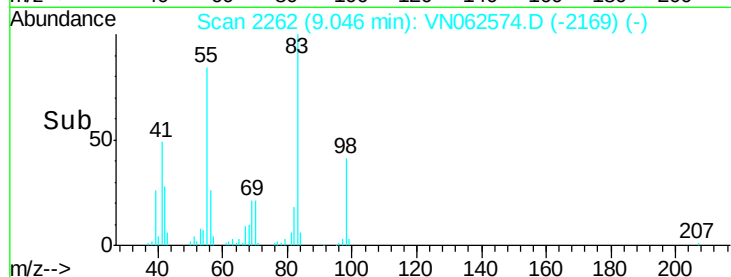
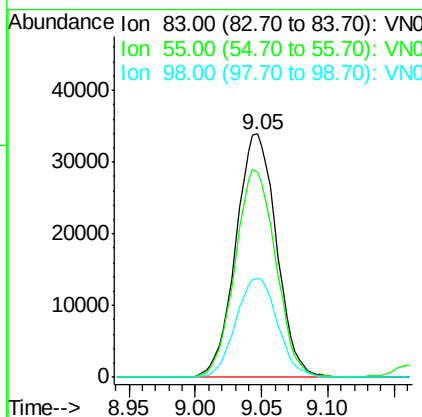
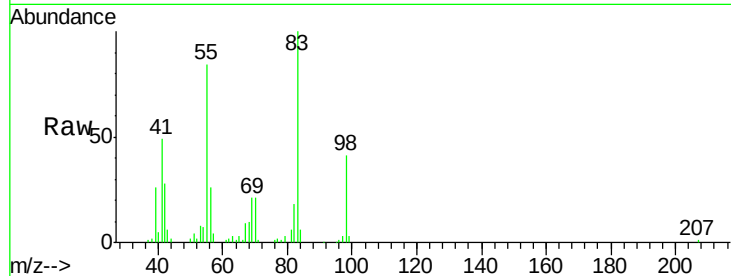
#39
Methylvlcyclohexane
Concen: 17.268 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.5	68.9	103.3
98	40.5	35.1	52.7

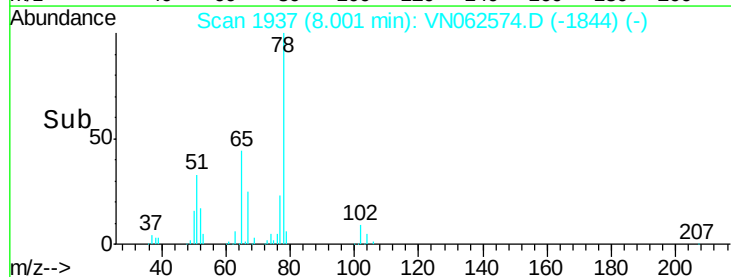
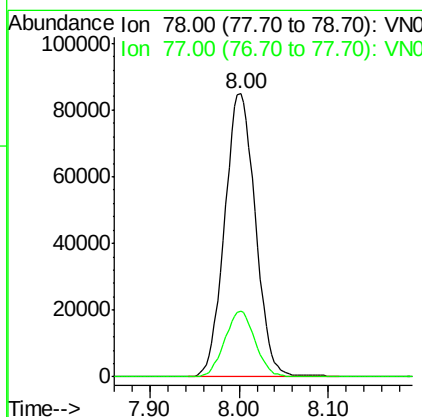
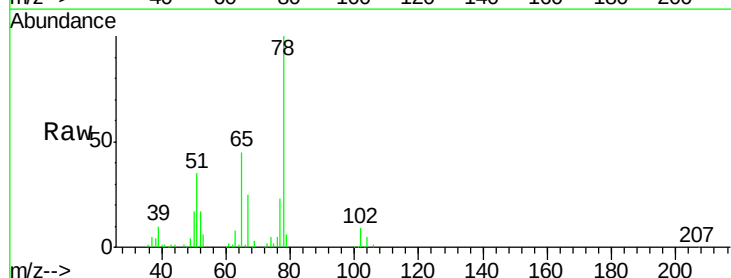
Manual Integrations
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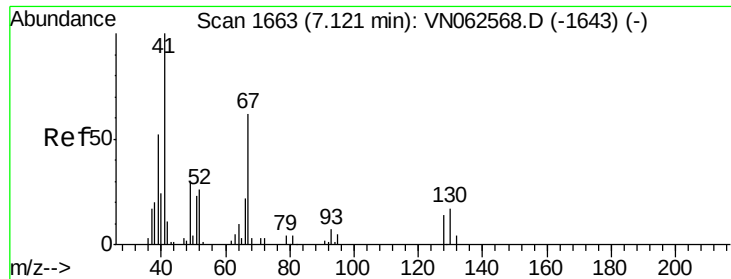
MMDadoda
7/22/2020 2:45:48 PM



#40
Benzene
Concen: 17.224 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1





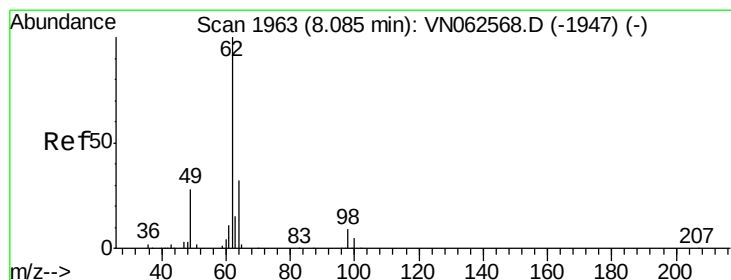
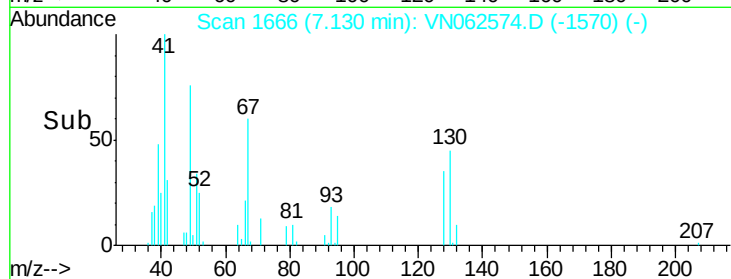
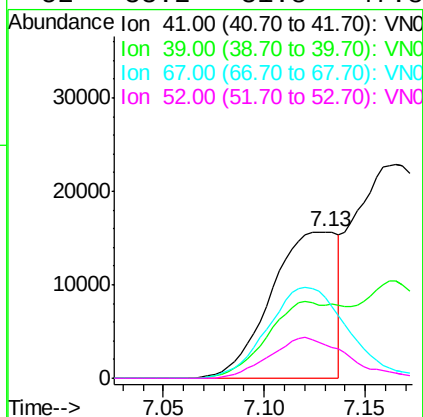
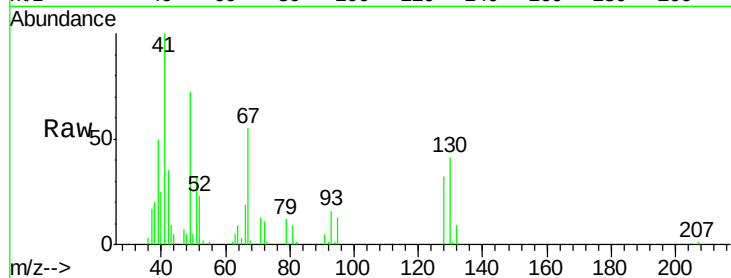
#41
Methacrylonitrile
Concen: 19.830 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampled :
VN0721WBSD01

Tot Ion:	41	Resp:	35661
Ion	Ratio	Lower	Upper
41	100		
39	61.7	55.8	83.6
67	76.1	72.5	108.7
52	33.2	31.8	47.8

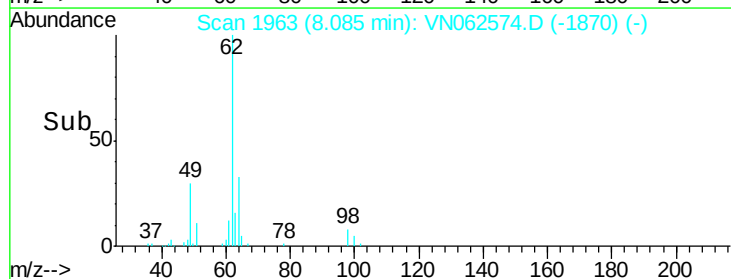
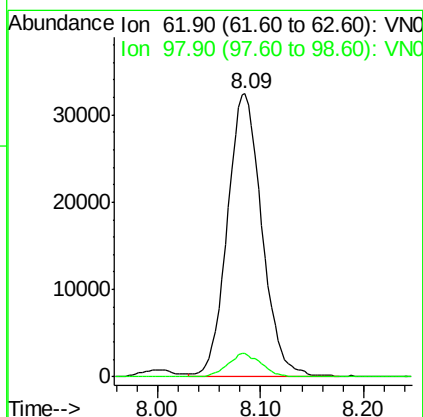
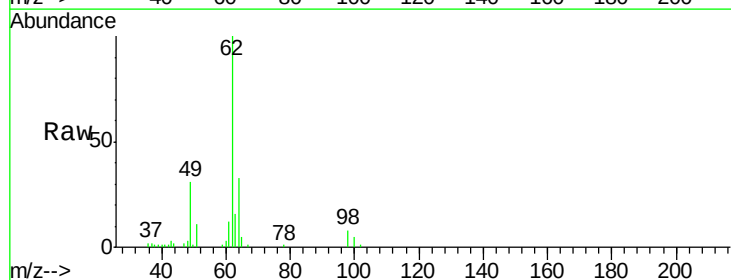
Manual Integrations
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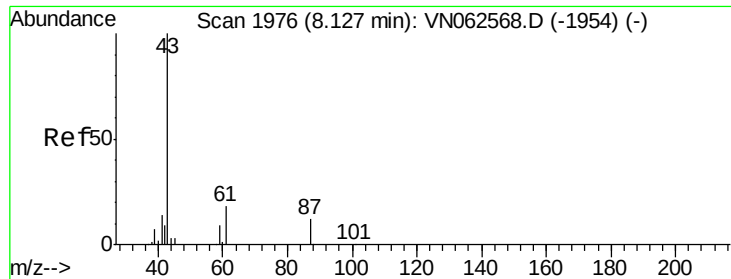
MMDadoda
7/22/2020 2:45:48 PM



#42
1,2-Dichloroethane
Concen: 17.612 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion:	62	Resp:	75879
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2





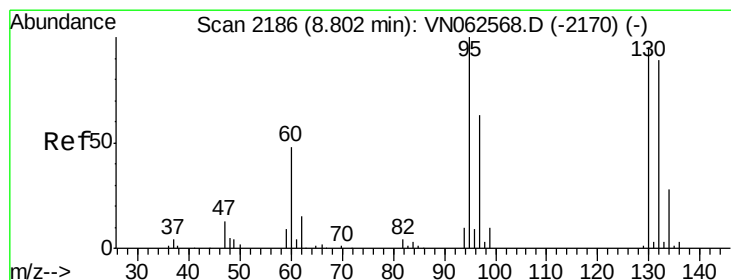
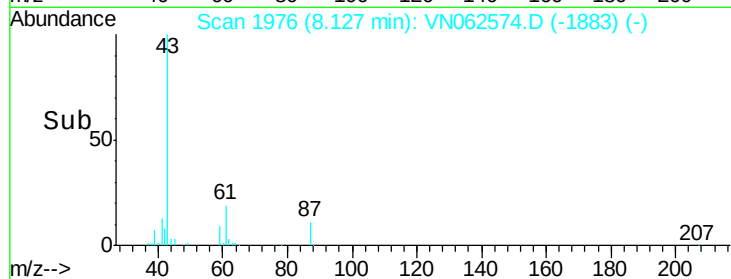
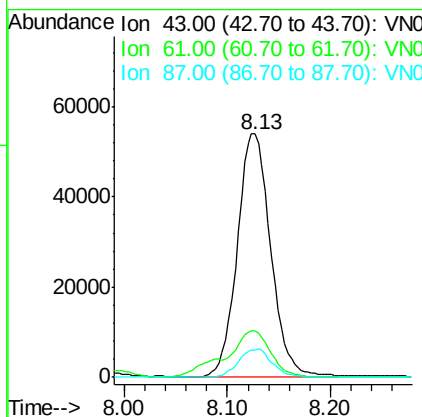
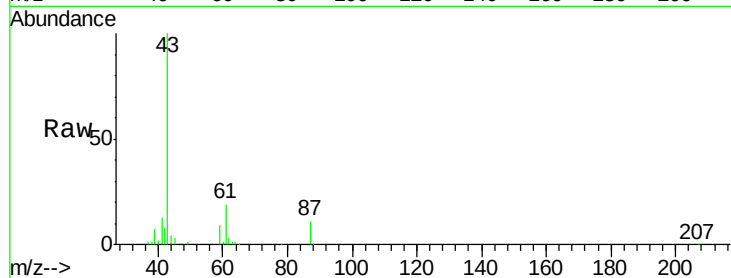
#43
Isopropyl Acetate
Concen: 18.106 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	20.8	31.2#
87	11.5	9.2	13.8

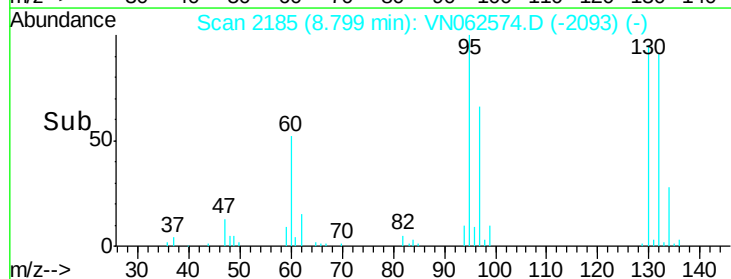
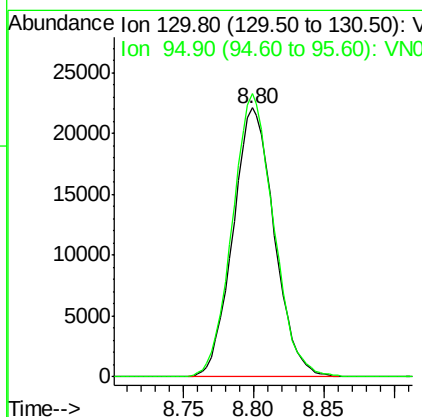
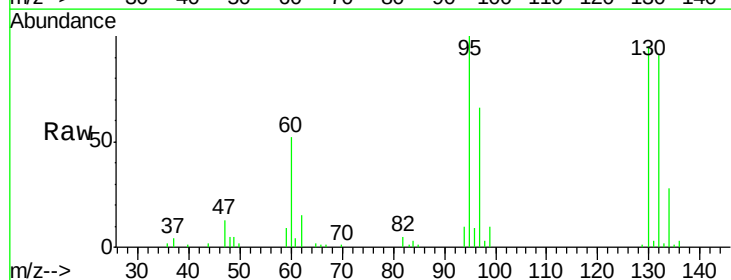
Manual Integrations
APPROVED

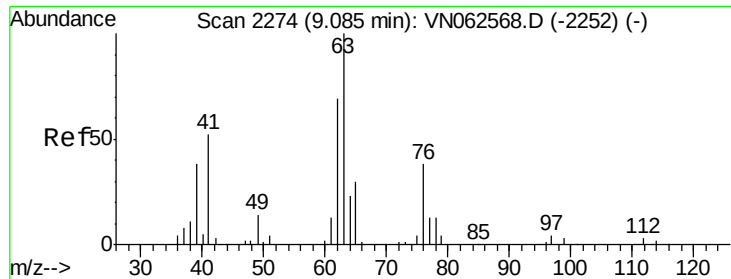
MMDadoda
7/22/2020 2:45:48 PM



#44
Trichloroethene
Concen: 17.053 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	210.4





#45

1,2-Dichloropropane

Concen: 17.673 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tot Ion: 63 Resp: 58477

Ion Ratio Lower Upper

63 100

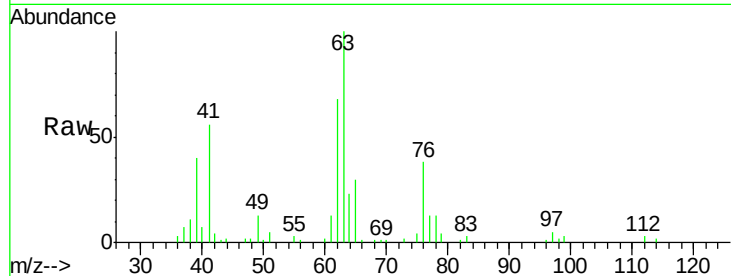
65 30.0 24.4 36.6

Manual Integrations

APPROVED

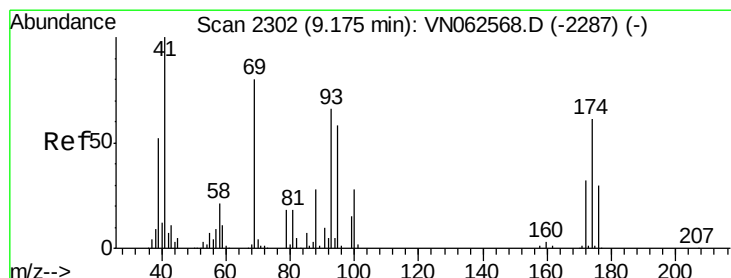
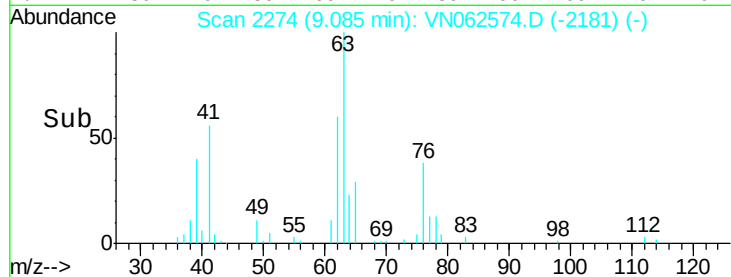
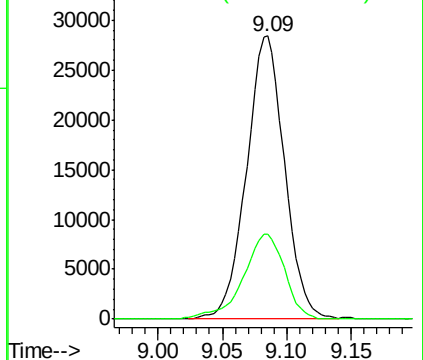
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 17.749 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

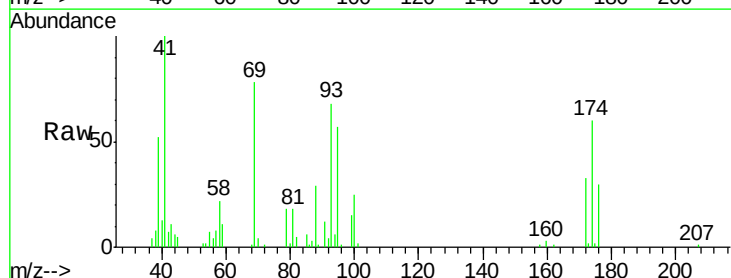
Tgt Ion: 93 Resp: 33942

Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

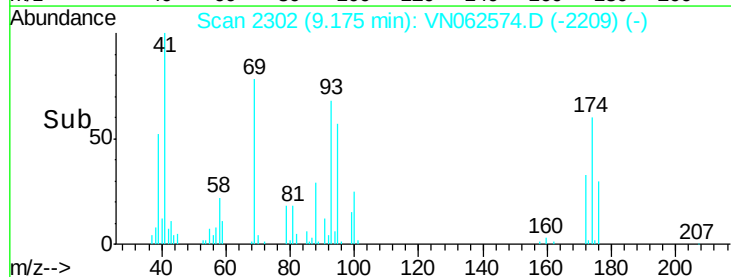
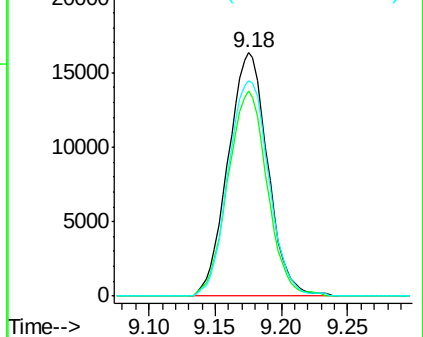
174 90.2 72.5 108.7

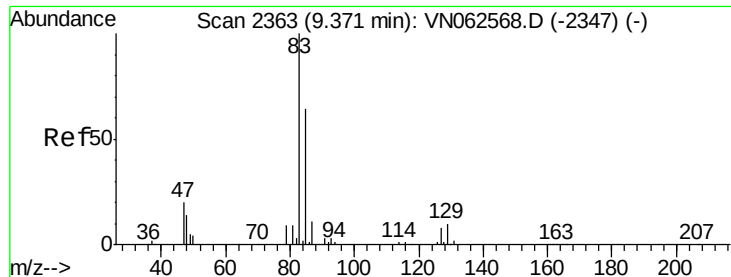


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.337 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

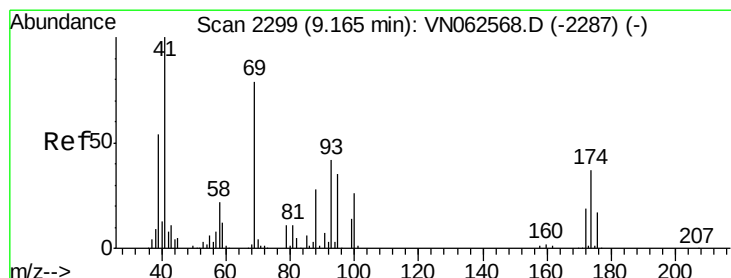
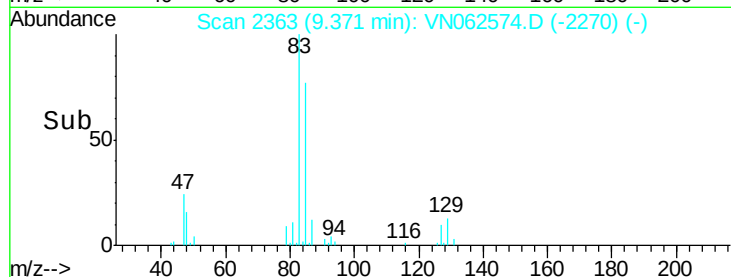
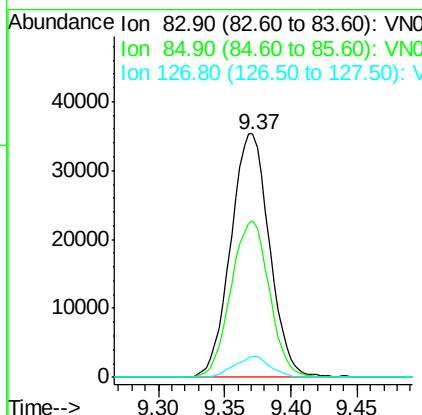
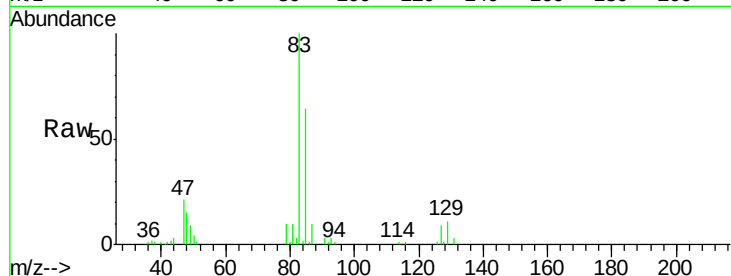
ClientSampleId :

VN0721WBSD01

Tot Ion:	83	Resp:	71828
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.6	77.4
127	8.6	6.2	9.2

Manual Integrations
APPROVED

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#48

Methyl methacrylate

Concen: 17.960 ug/l

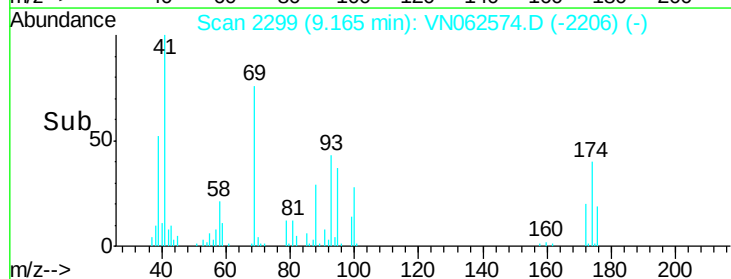
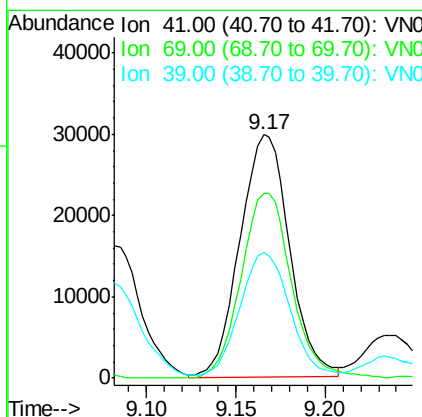
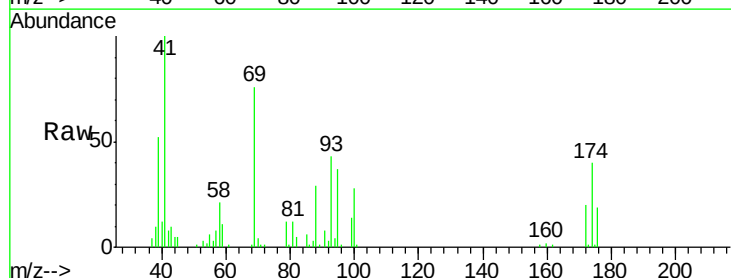
RT: 9.17 min Scan# 2299

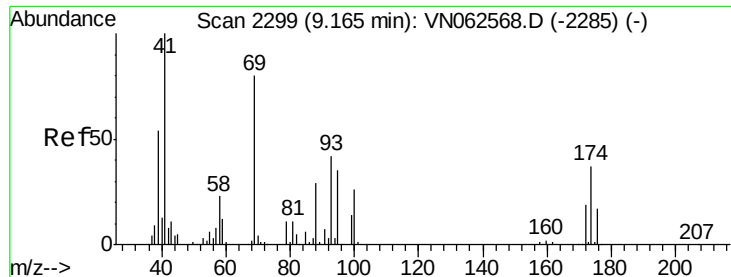
Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	41	Resp:	57750
Ion	Ratio	Lower	Upper
41	100		
69	77.8	64.4	96.6
39	52.2	43.5	65.3





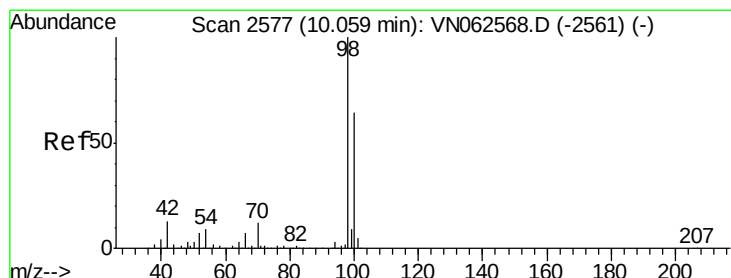
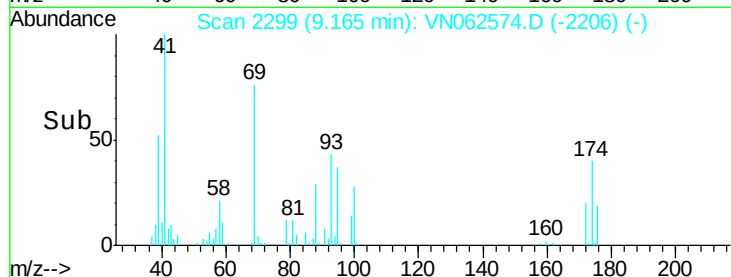
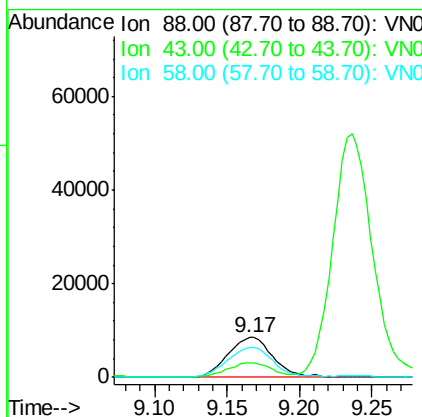
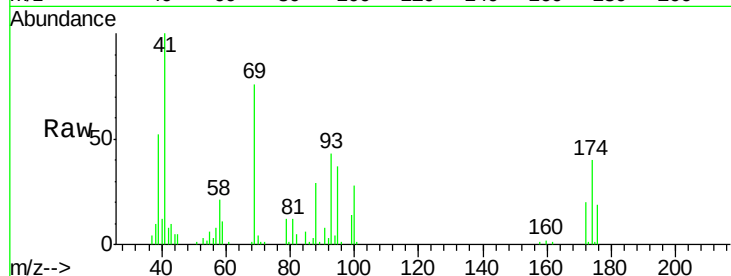
#49
1,4-Dioxane
Concen: 370.041 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampled :
VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.1	32.0	48.0
58	77.7	62.8	94.2

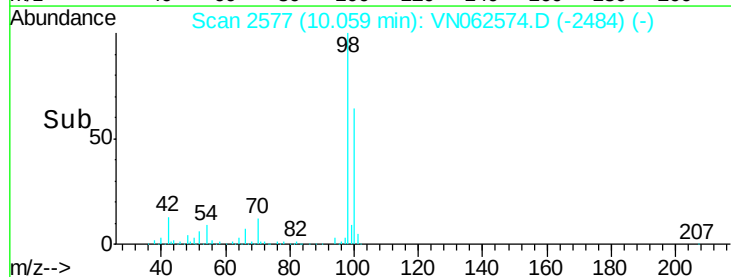
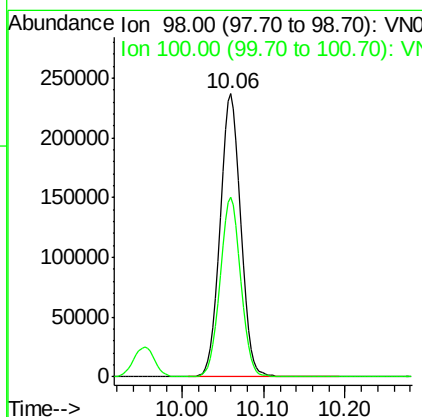
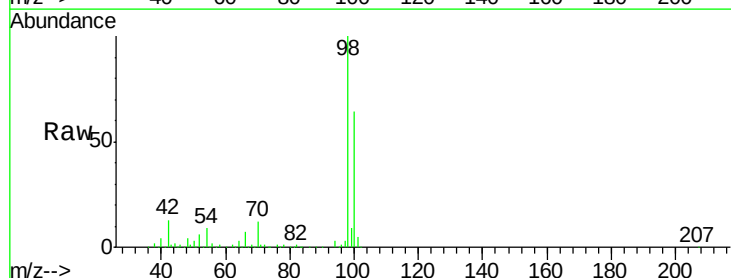
Manual Integrations
APPROVED

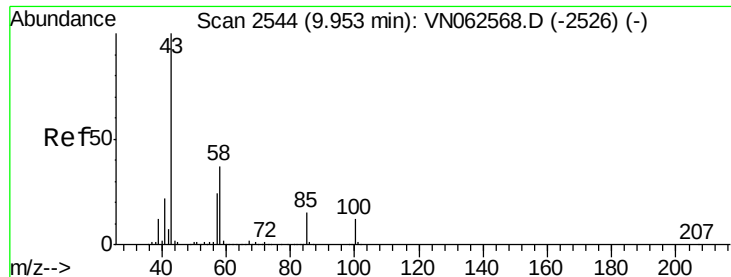
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#50
Toluene-d8
Concen: 44.622 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 91.156 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tot Ion: 43 Resp: 368938

Ion Ratio Lower Upper

43 100

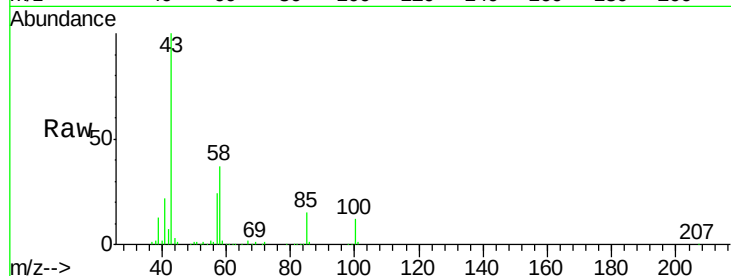
58 36.4 29.8 44.6

Manual Integrations

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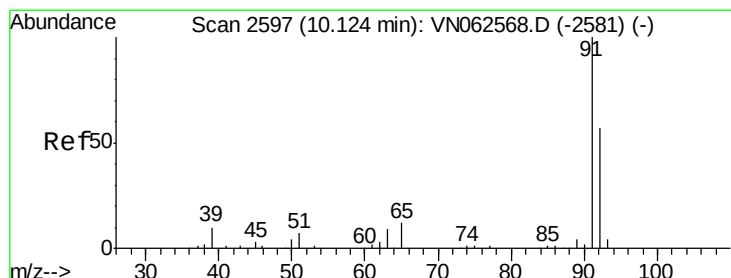
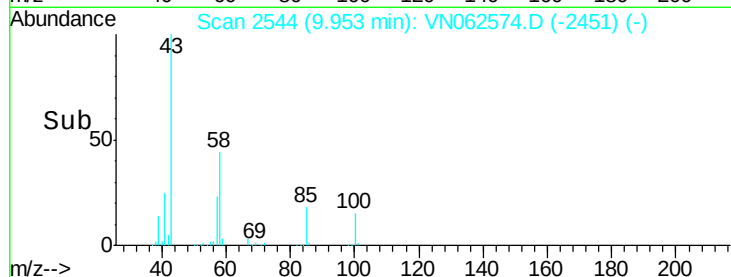
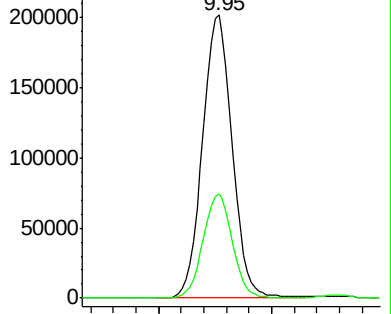
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 17.633 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062574.D

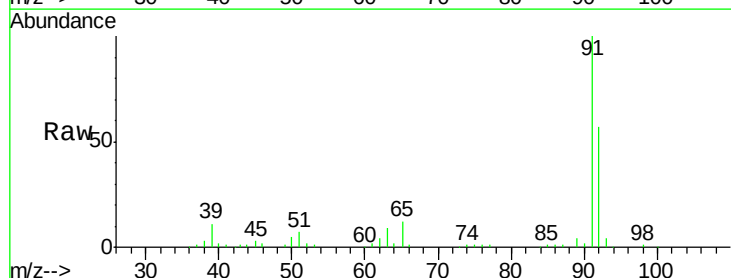
Acq: 21 Jul 2020 16:27

Tgt Ion: 92 Resp: 120662

Ion Ratio Lower Upper

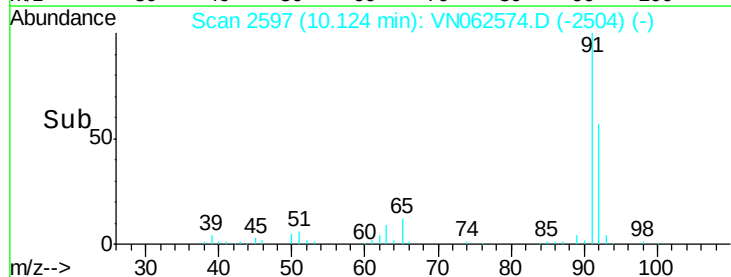
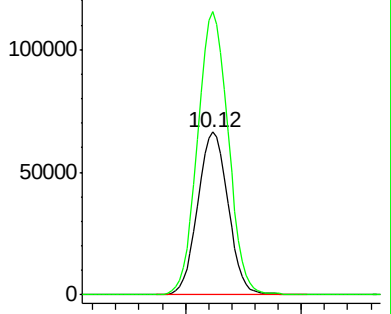
92 100

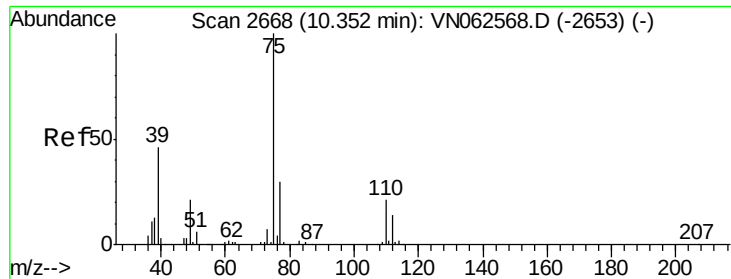
91 174.3 139.4 209.2



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: 17.563 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tot Ion: 75 Resp: 81004

Ion Ratio Lower Upper

75 100

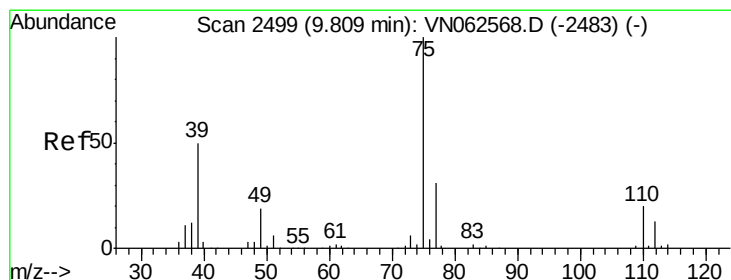
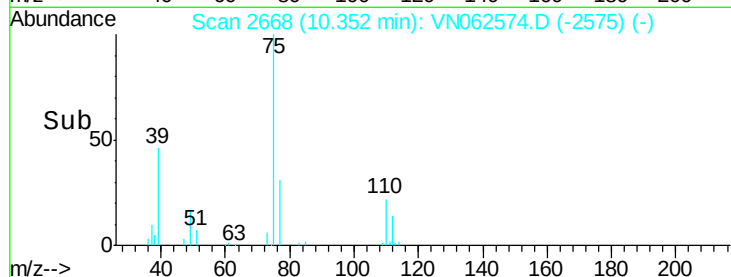
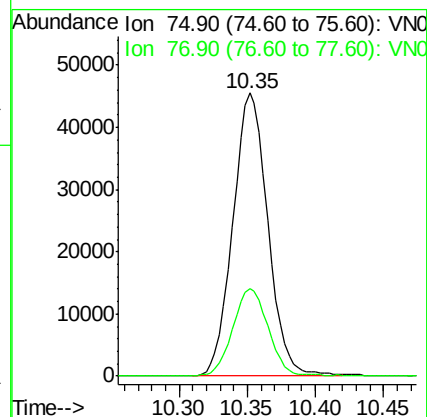
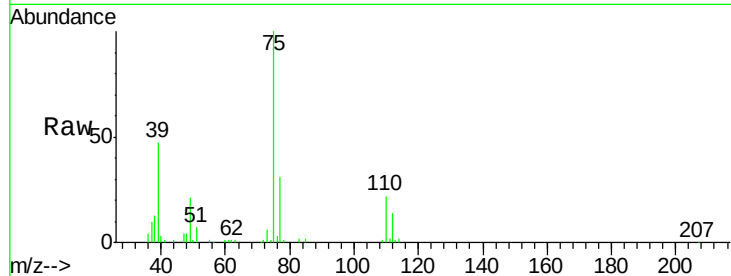
77 31.0 24.3 36.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 17.593 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

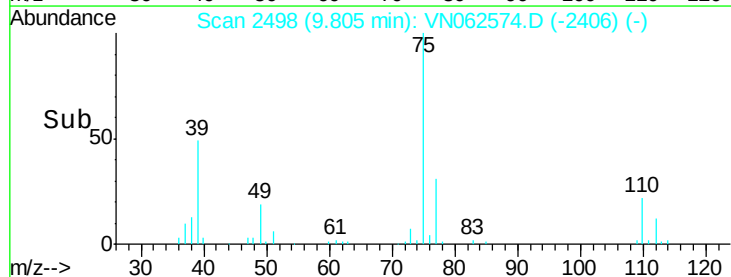
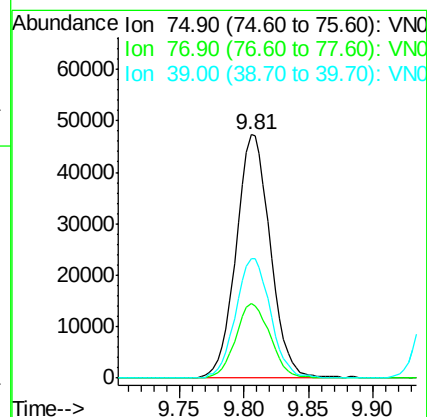
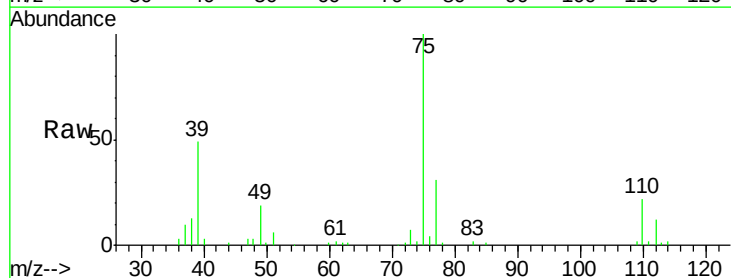
Tgt Ion: 75 Resp: 87070

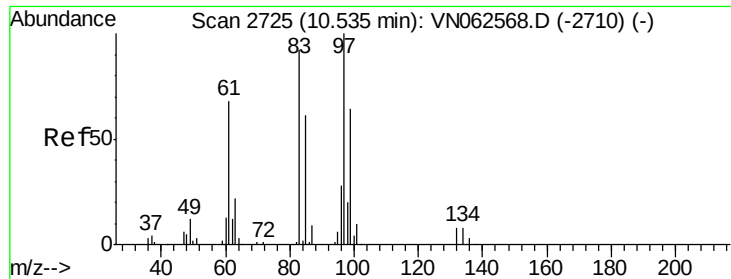
Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.6

39 49.1 39.8 59.8





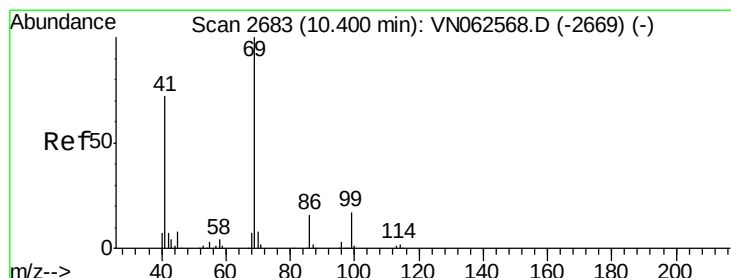
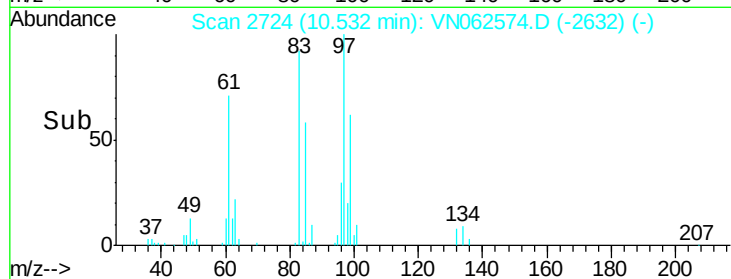
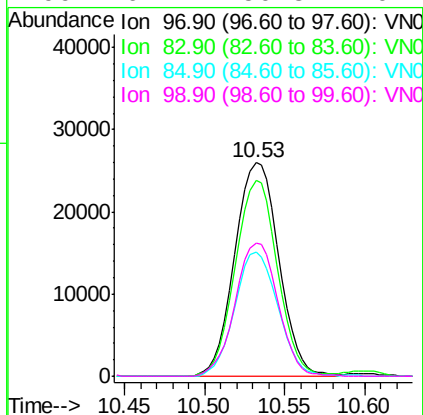
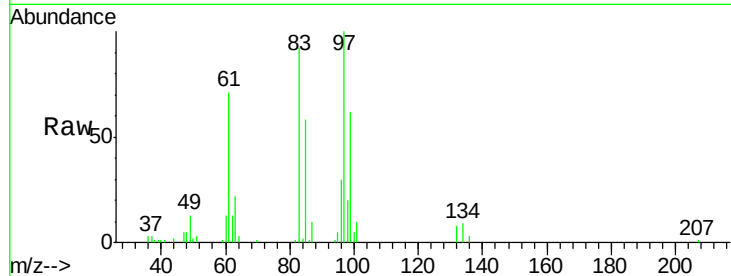
#55
 1,1,2-Trichloroethane
 Concen: 18.422 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Tot Ion:	97	Resp:	48899
Ion	Ratio	Lower	Upper
97	100		
83	91.7	73.7	110.5
85	58.4	48.5	72.7
99	62.4	50.8	76.2

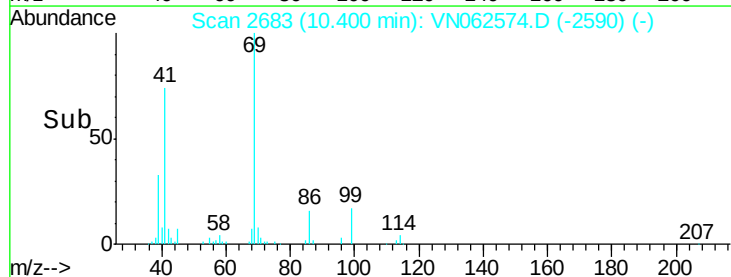
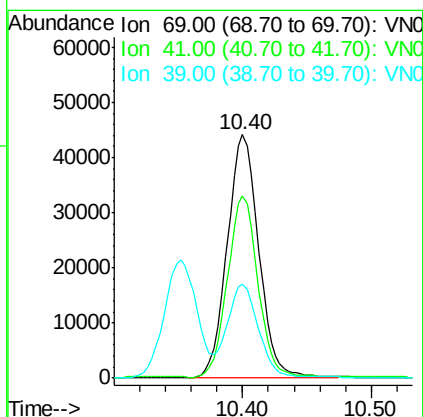
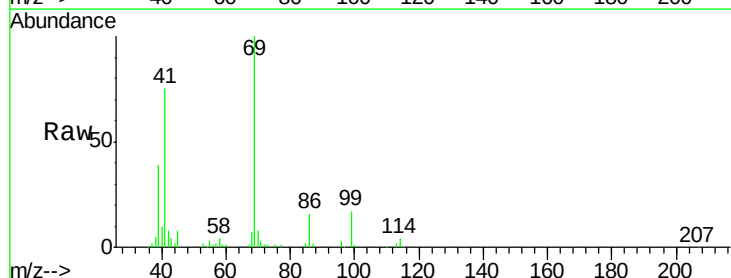
Manual Integrations
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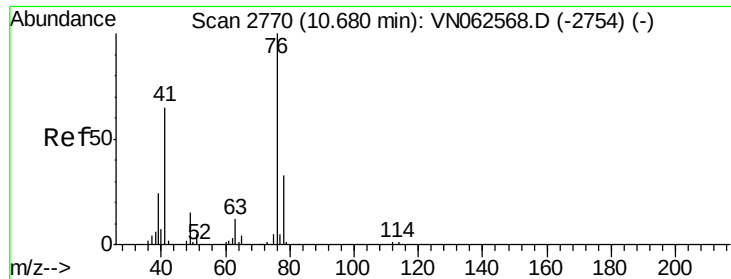
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#56
 Ethyl methacrylate
 Concen: 17.002 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion:	69	Resp:	75266
Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.2	85.8
39	37.2	28.6	43.0





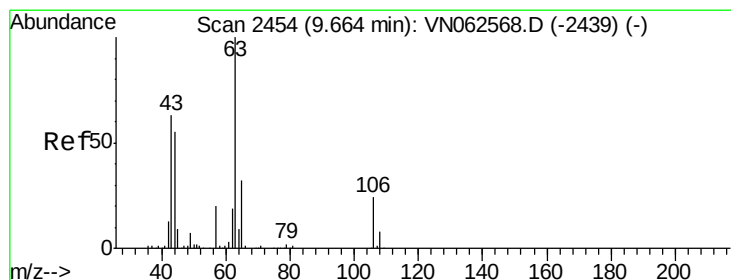
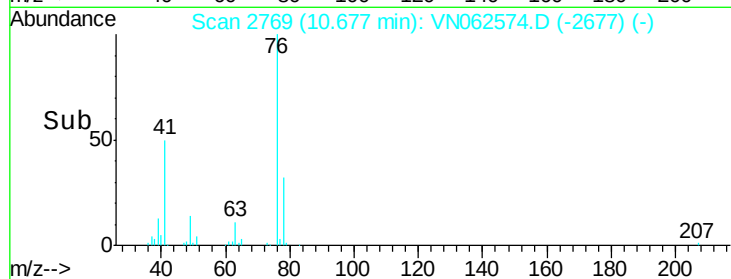
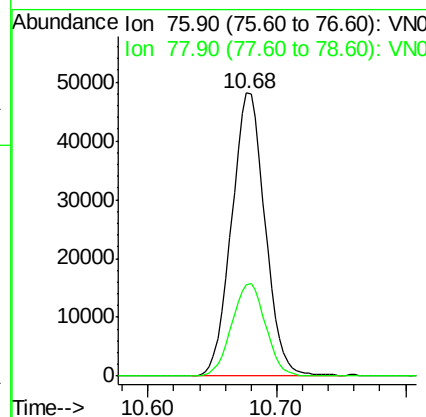
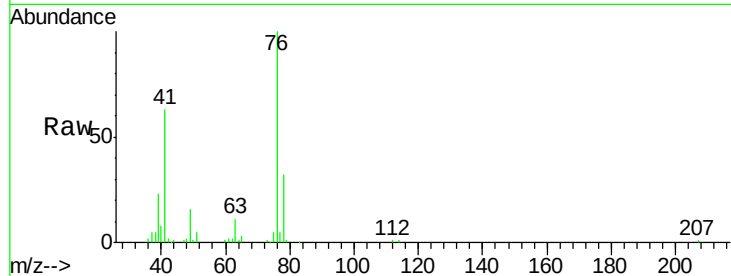
#57
 1,3-Dichloropropane
 Concen: 17.858 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Tot Ion: 76 Resp: 86839
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.3 39.5

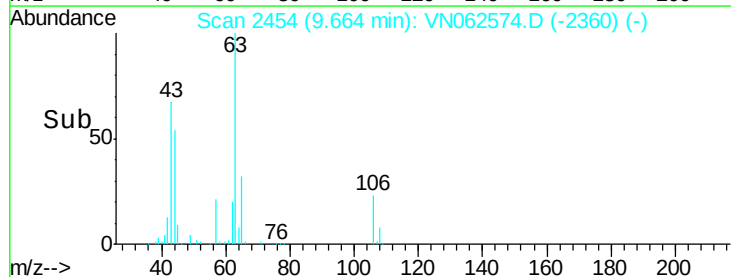
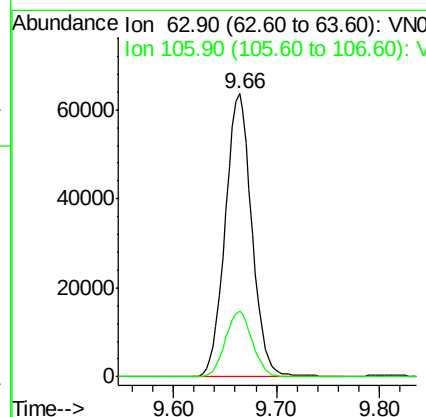
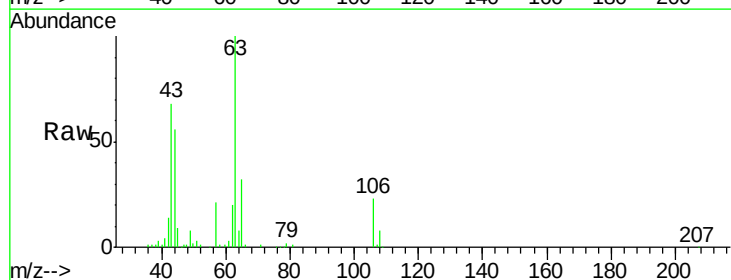
Manual Integrations
 APPROVED

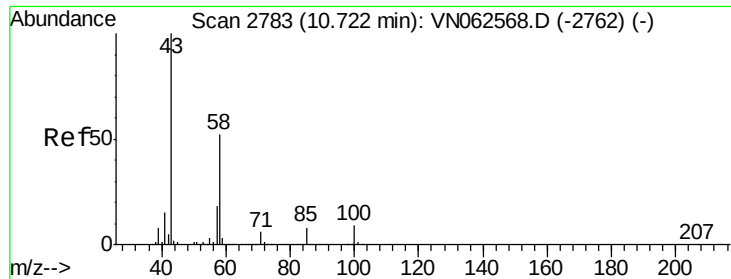
MMDadoda
 7/22/2020 2:45:48 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.860 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 63 Resp: 114160
 Ion Ratio Lower Upper
 63 100
 106 23.2 18.9 28.3





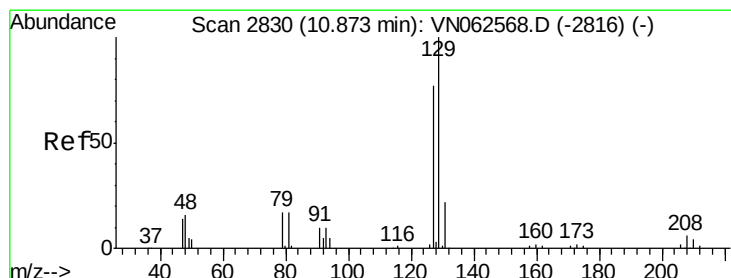
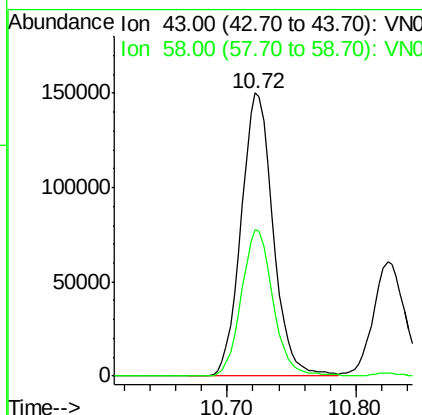
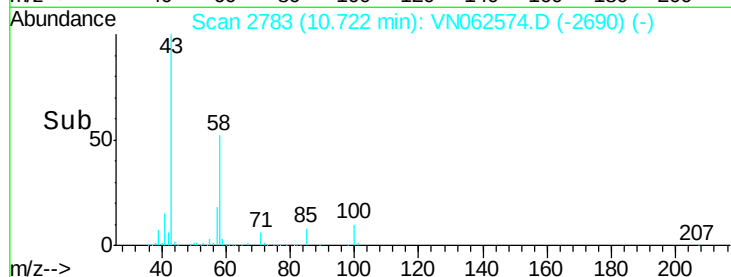
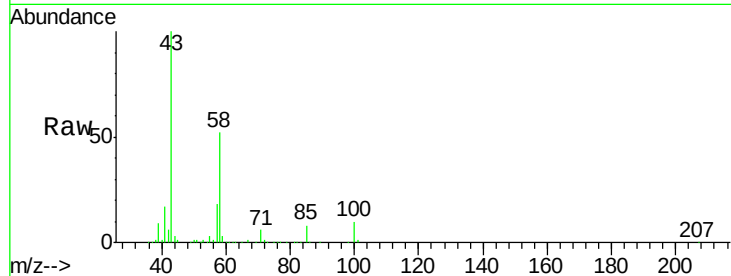
#59
2-Hexanone
Concen: 84.827 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampled :
VN0721WBSD01

Tot Ion: 43 Resp: 259322
Ion Ratio Lower Upper
43 100
58 51.1 26.0 78.0

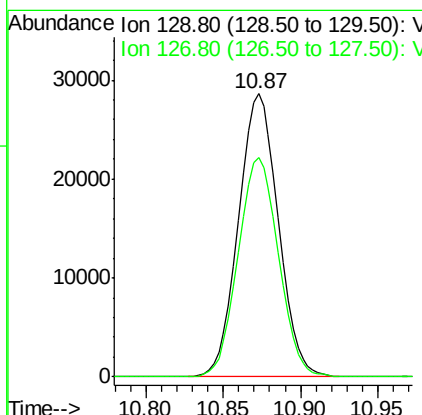
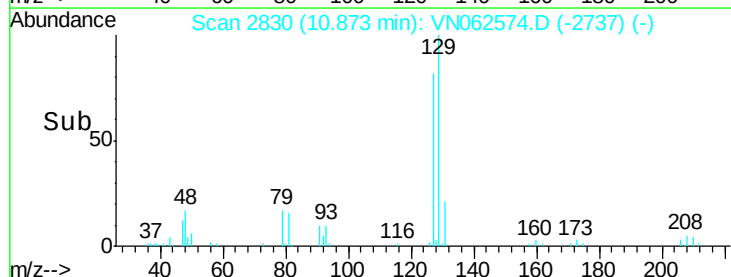
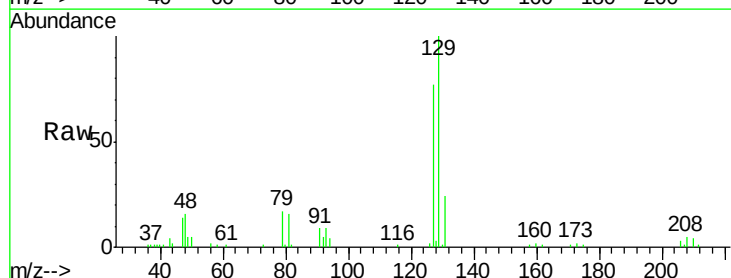
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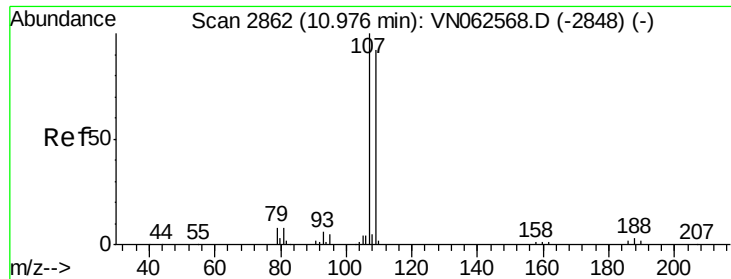
MMDadoda
7/22/2020 2:45:48 PM



#60
Dibromochloromethane
Concen: 17.278 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 129 Resp: 51163
Ion Ratio Lower Upper
129 100
127 78.6 38.0 113.9





#61

1,2-Dibromoethane

Concen: 17.153 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tot Ion: 107 Resp: 47411

Ion Ratio Lower Upper

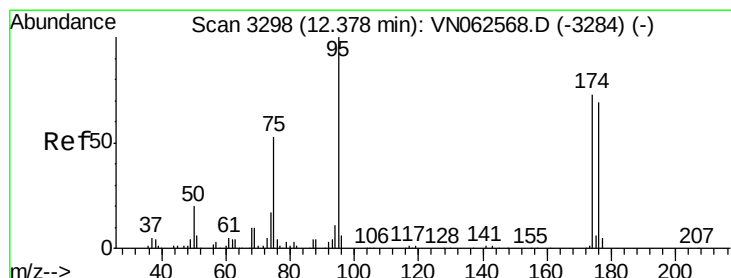
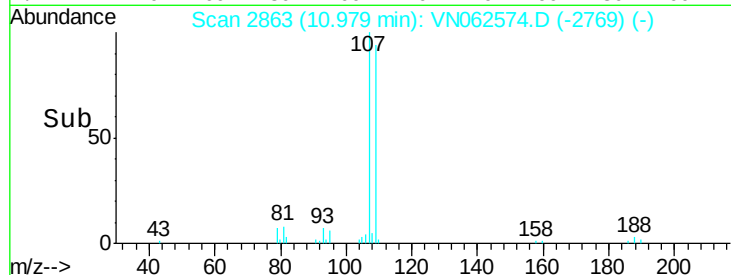
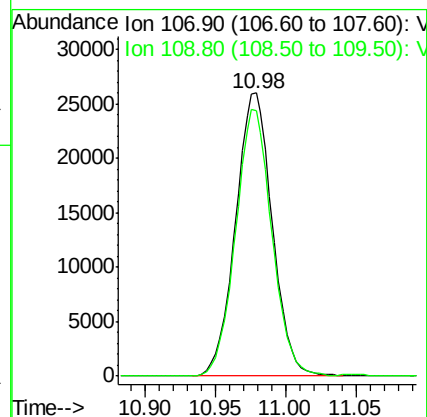
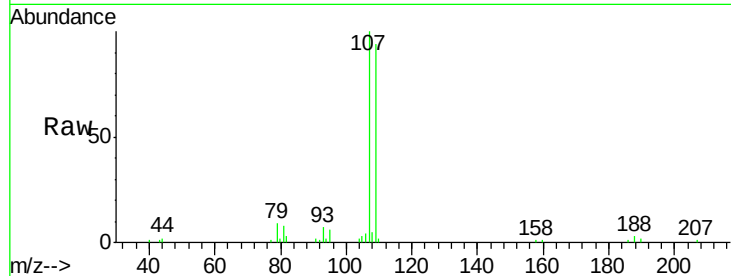
107 100

109 93.2 73.8 110.6

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#62

4-Bromofluorobenzene

Concen: 43.762 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

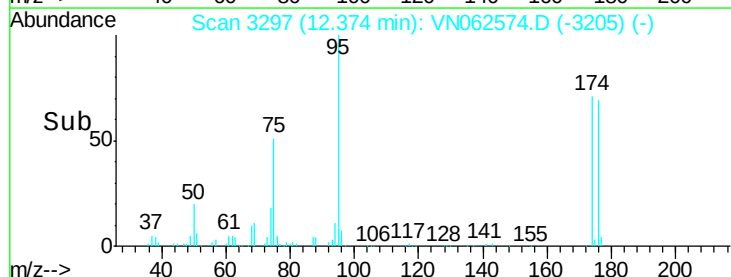
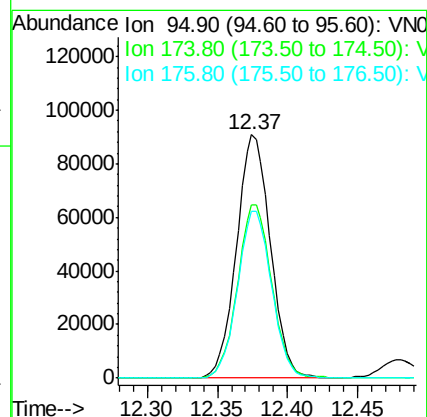
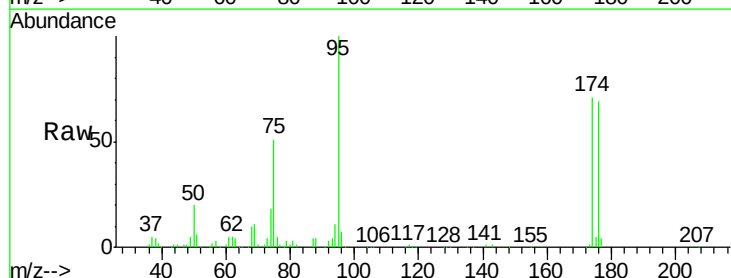
Tgt Ion: 95 Resp: 153149

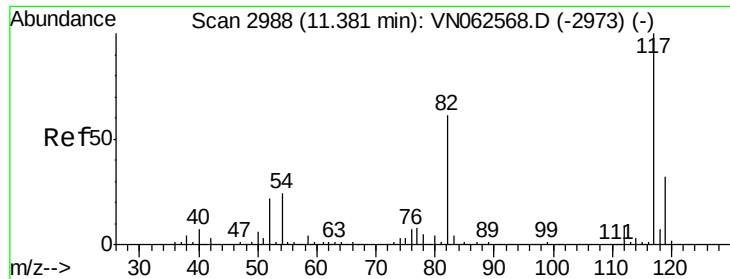
Ion Ratio Lower Upper

95 100

174 72.0 0.0 144.6

176 68.9 0.0 139.4





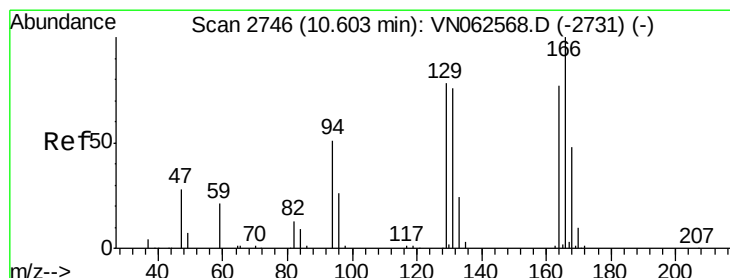
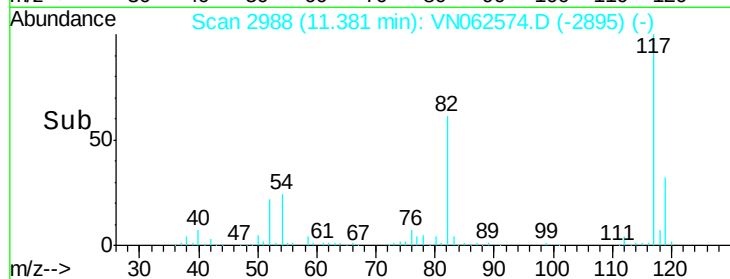
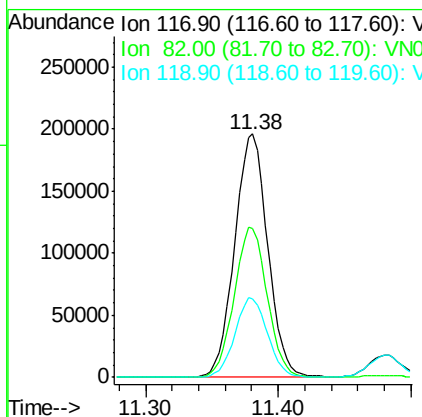
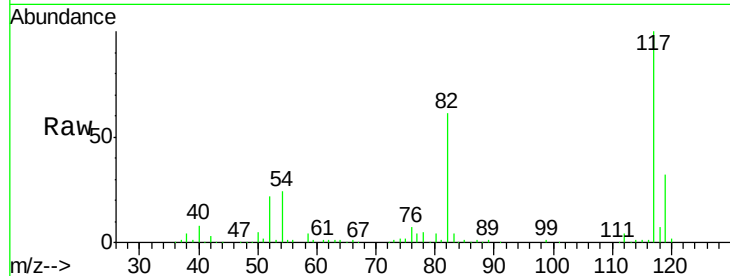
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	49.0	73.6
119	32.3	25.4	38.2

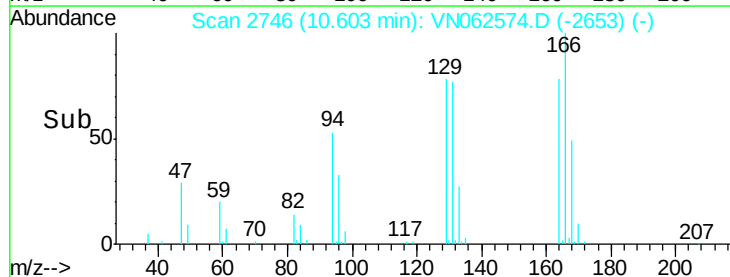
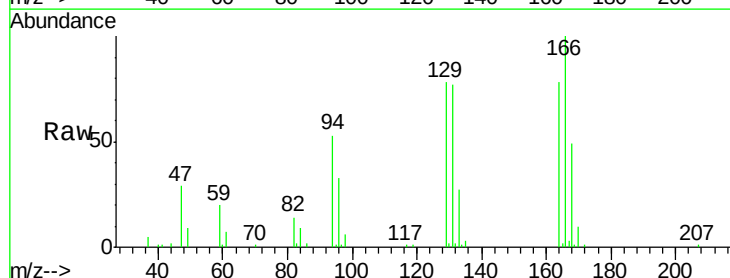
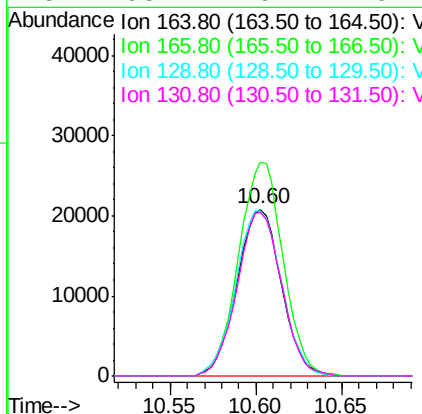
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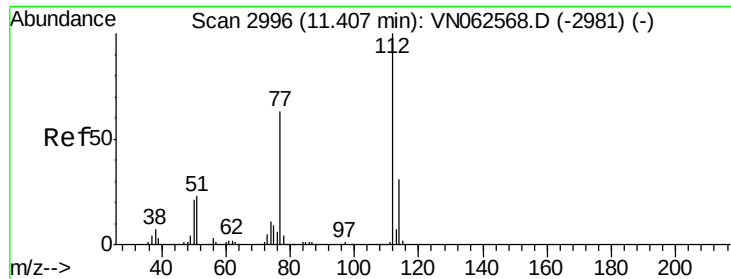
MMDadoda
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#64
Tetrachloroethene
Concen: 16.963 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	104.4	156.6
129	99.6	81.0	121.4
131	98.7	79.4	119.2





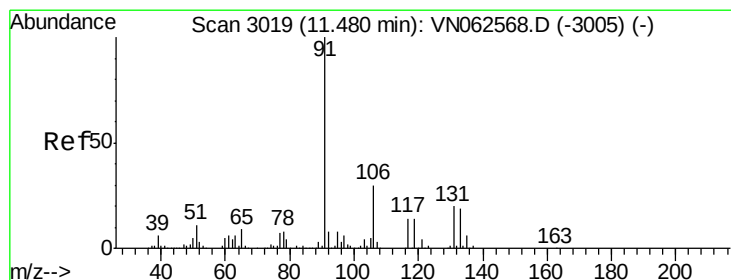
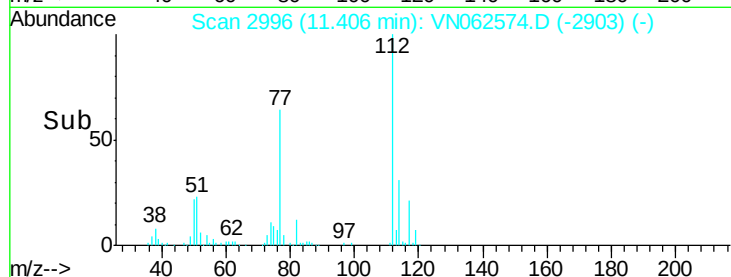
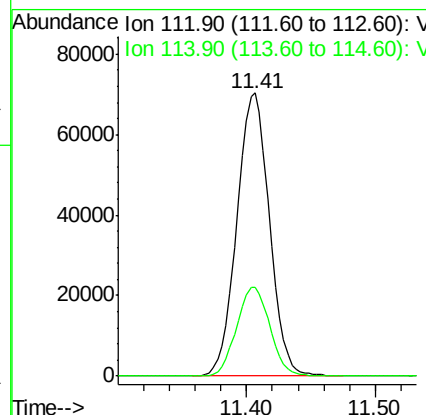
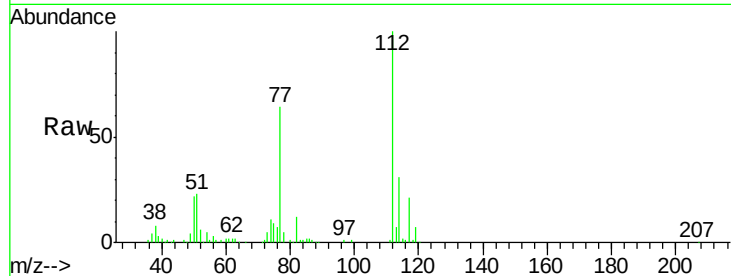
#65
Chlorobenzene
Concen: 17.296 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.1	37.7

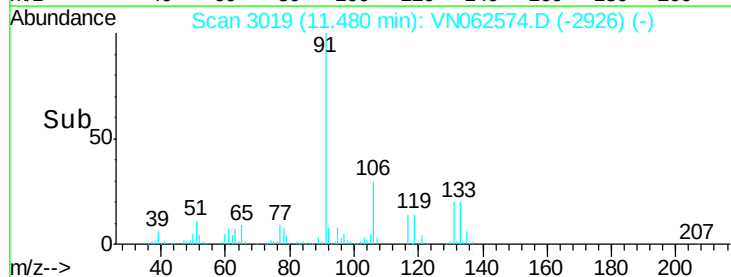
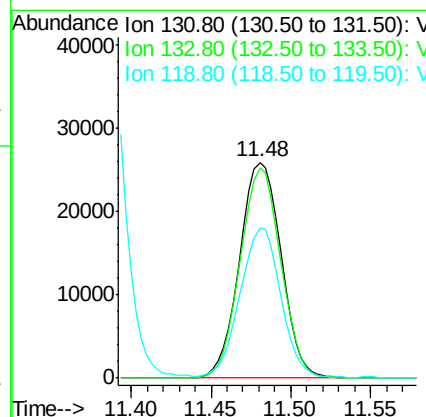
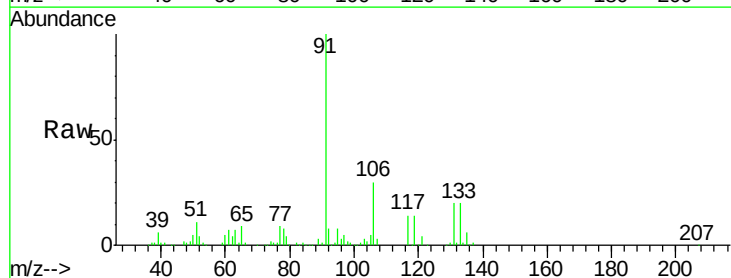
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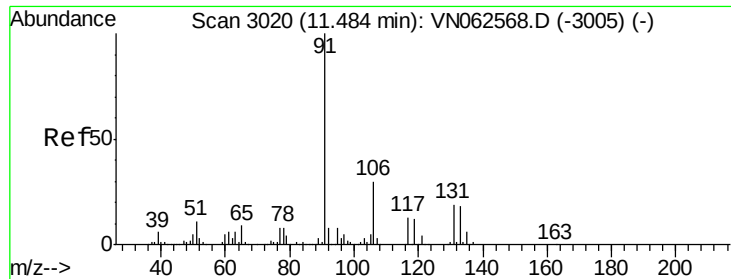
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.140 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.3	142.0
119	68.6	33.7	101.0





#67

Ethyl Benzene

Concen: 17.306 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tot Ion: 91 Resp: 226216

Ion Ratio Lower Upper

91 100

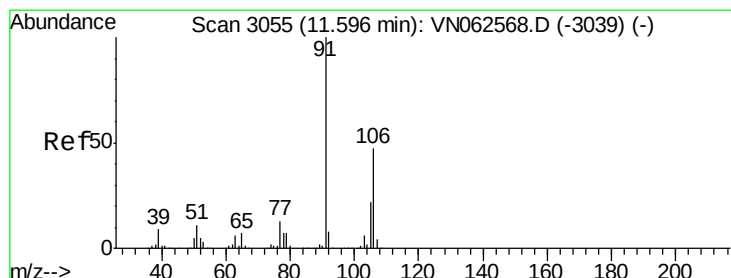
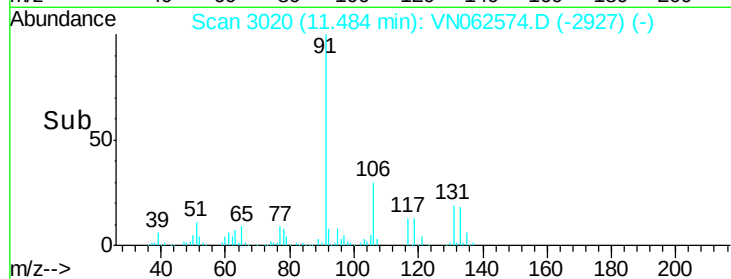
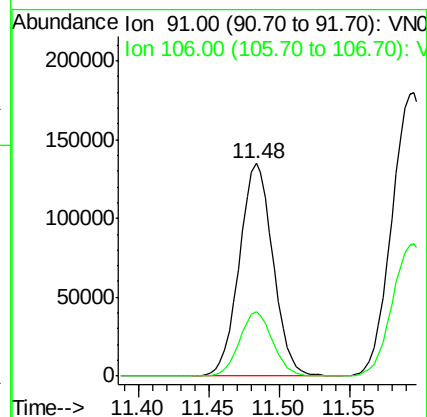
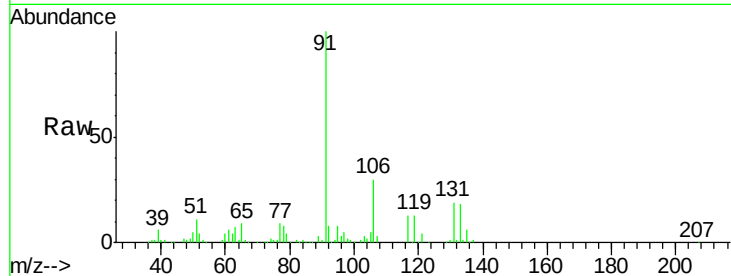
106 30.0 23.8 35.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 34.895 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062574.D

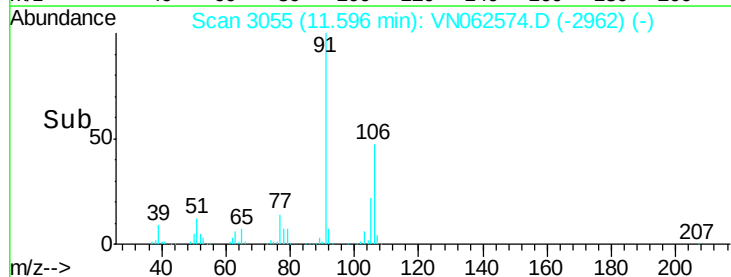
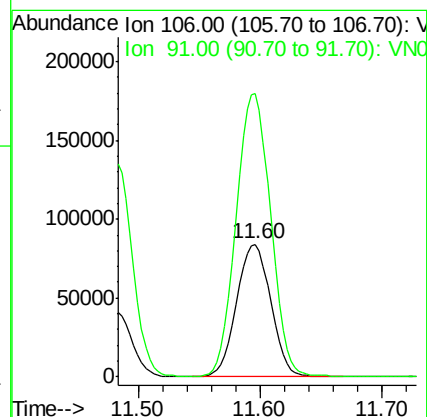
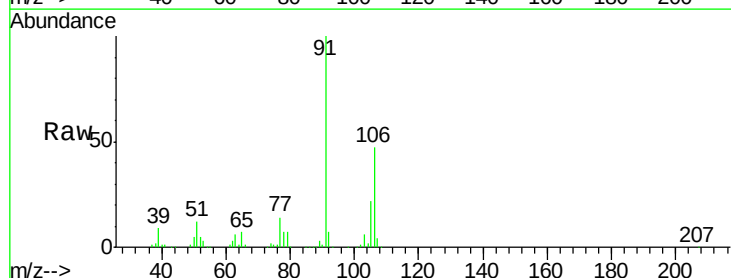
Acq: 21 Jul 2020 16:27

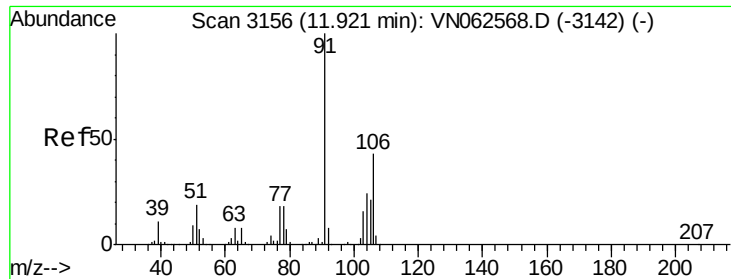
Tgt Ion: 106 Resp: 163945

Ion Ratio Lower Upper

106 100

91 215.0 171.4 257.2





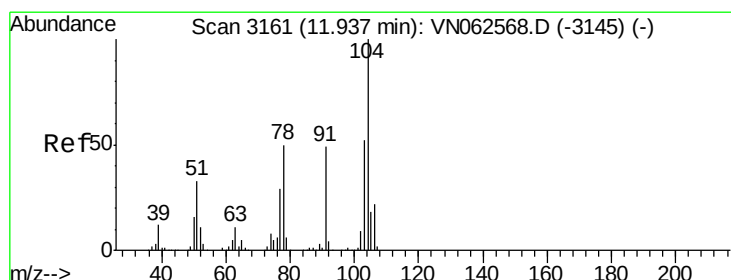
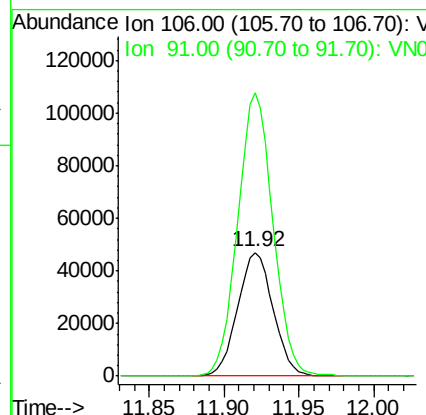
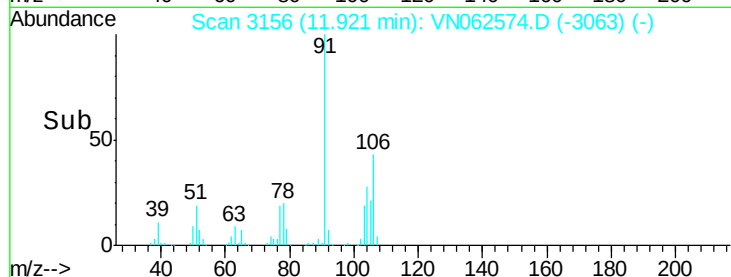
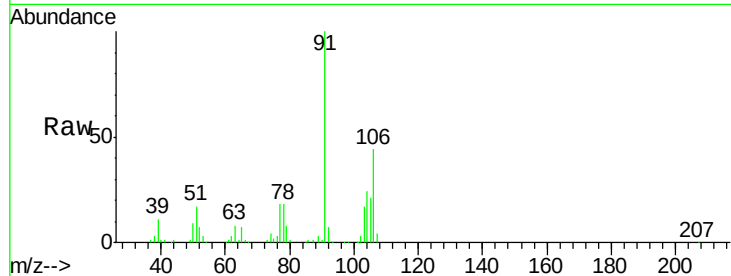
#69
o-Xylene
Concen: 17.391 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		77589		
91	228.1	113.8	341.2		

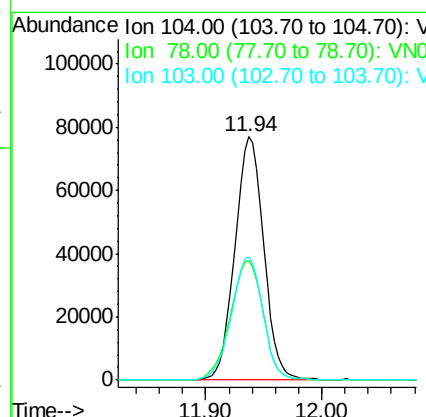
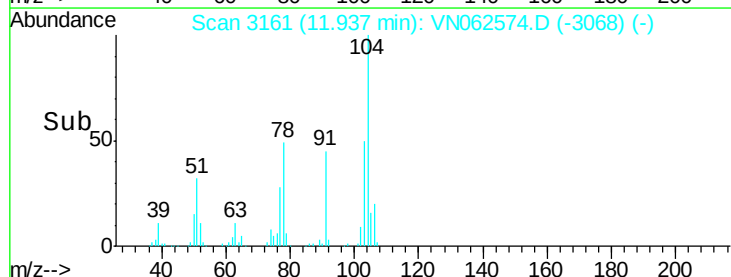
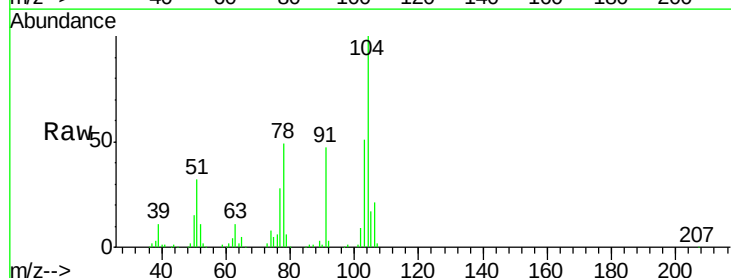
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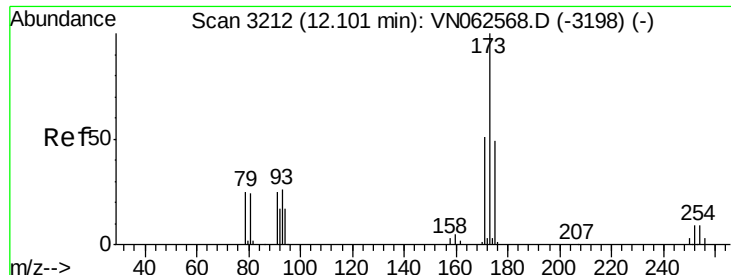
MMDadoda
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#70
Styrene
Concen: 17.554 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		132298		
78	55.7	43.8	65.6		
103	55.0	44.0	66.0		





#71

Bromoform

Concen: 17.005 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

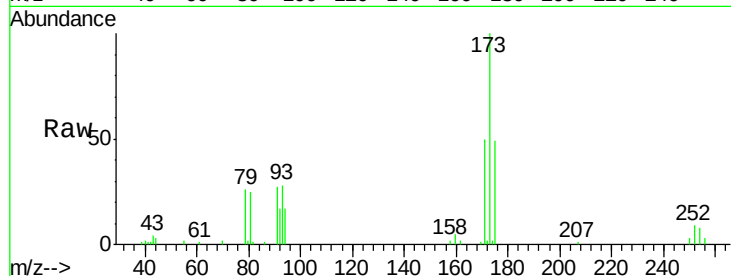
ClientSampleId :

VN0721WBSD01

Tot Ion:	173	Resp:	34242
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.1	72.2
254	0.0	0.0	0.0

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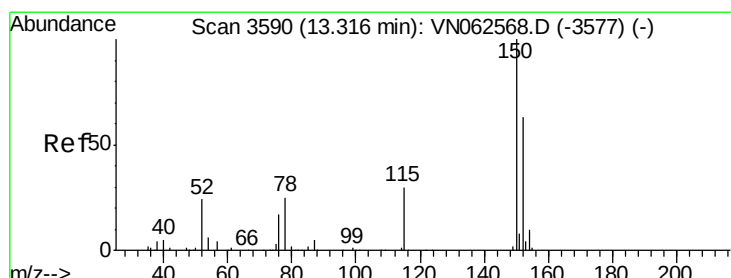
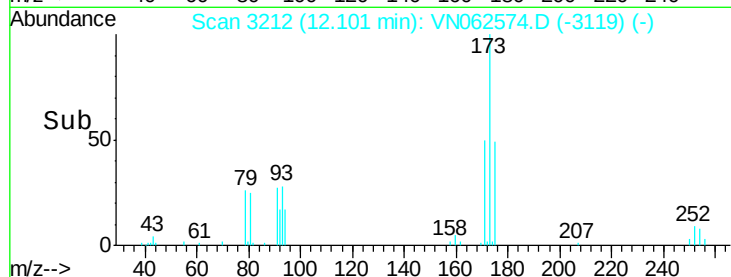
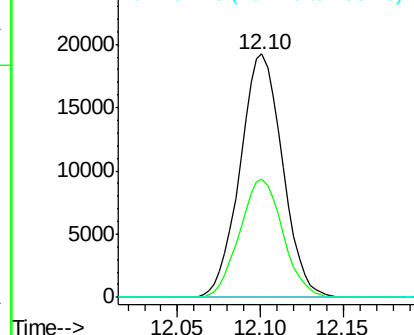


Abundance

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

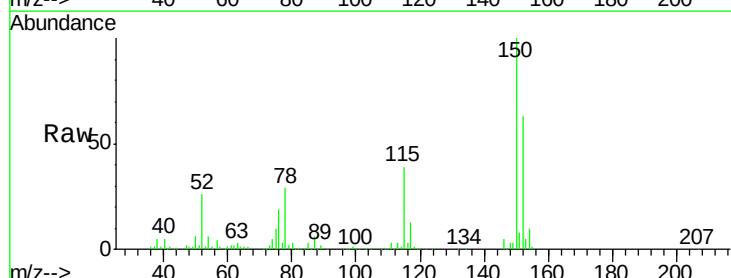
RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	152	Resp:	151261
Ion Ratio	Lower	Upper	
152	100		
115	62.6	31.8	95.4
150	162.9	0.0	351.4

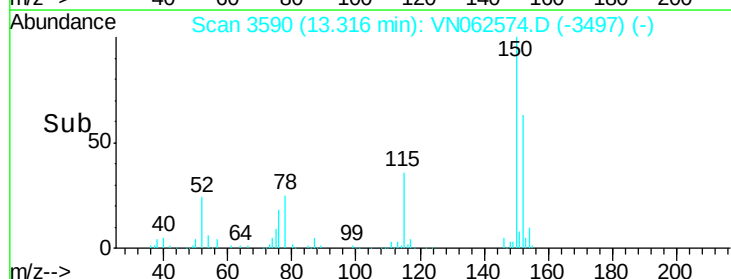
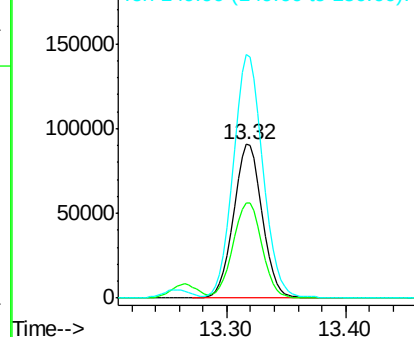


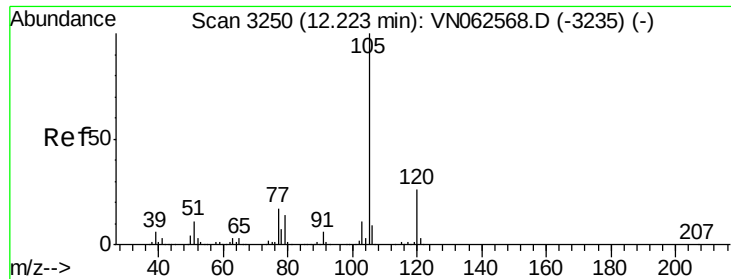
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.841 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tot Ion:105 Resp: 213390

Ion Ratio Lower Upper

105 100

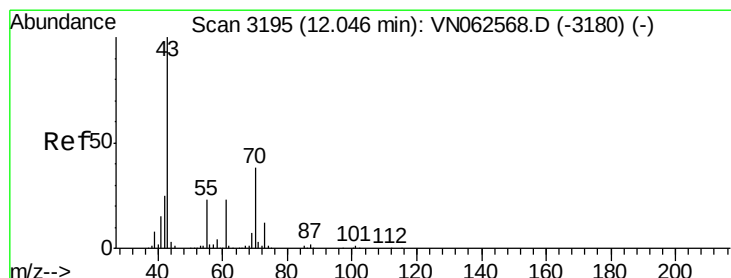
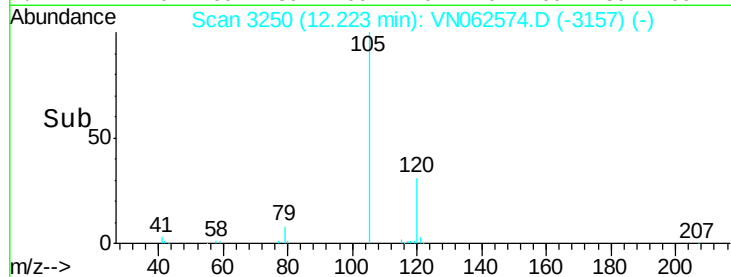
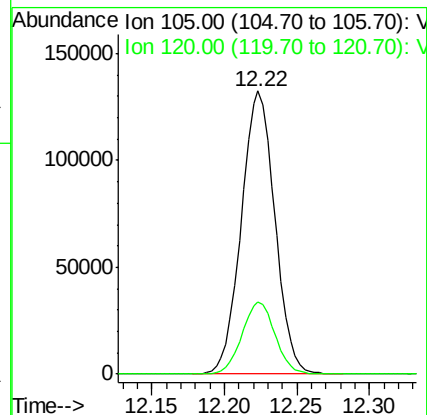
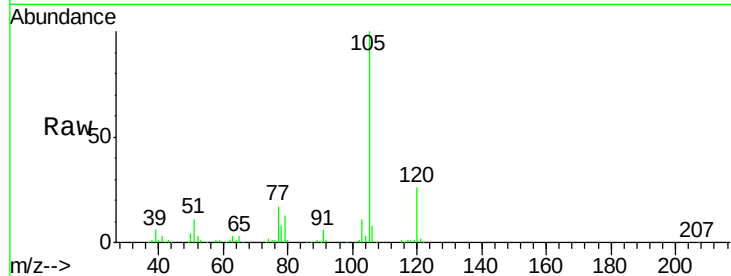
120 25.1 12.8 38.4

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#74

N-ethyl acetate

Concen: 18.164 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Tgt Ion: 43 Resp: 97018

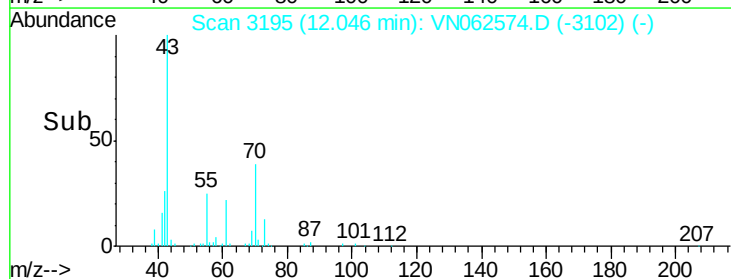
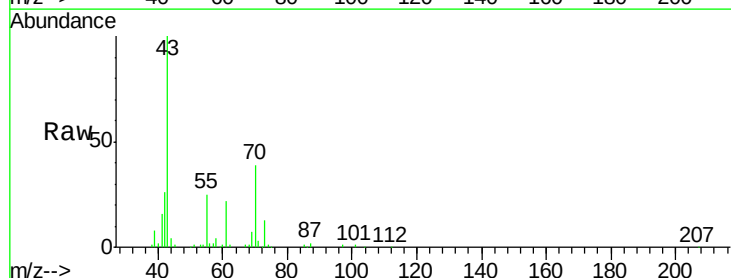
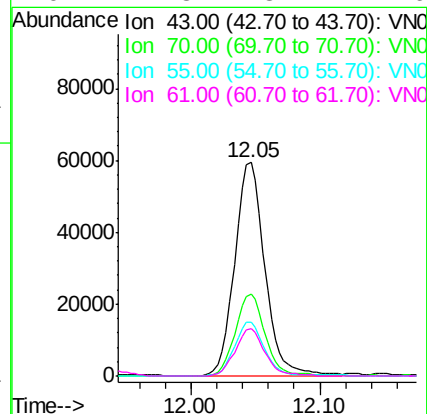
Ion Ratio Lower Upper

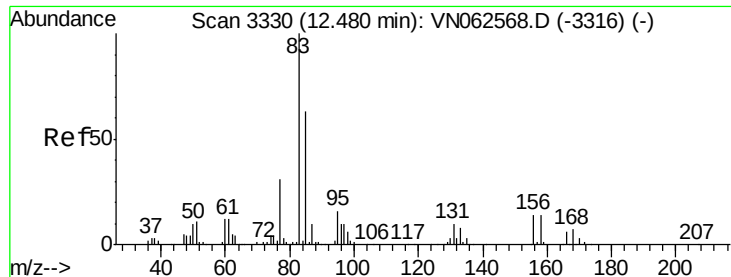
43 100

70 38.2 30.5 45.7

55 24.8 19.0 28.6

61 21.8 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 16.967 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

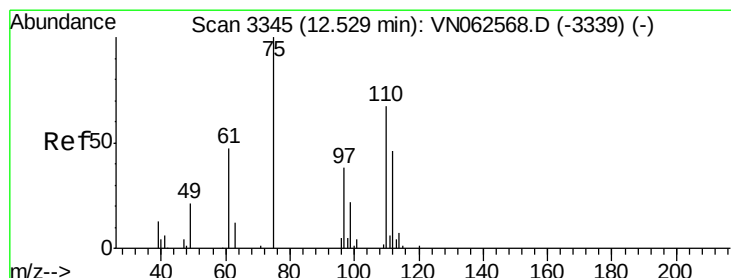
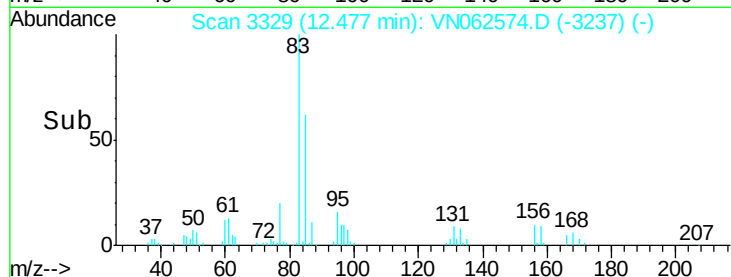
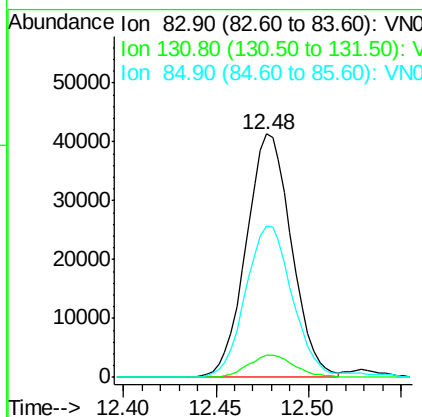
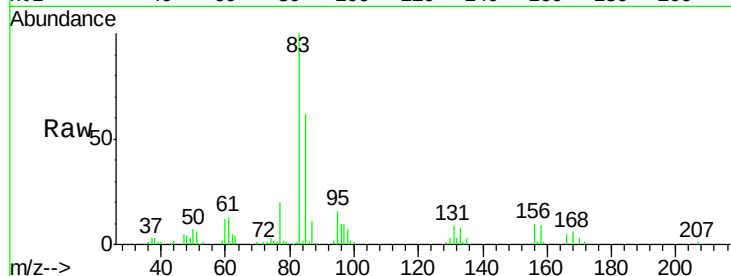
ClientSampleId :

VN0721WBSD01

Tot Ion:	83	Resp:	70520
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.3
85	65.6	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 18.699 ug/l m

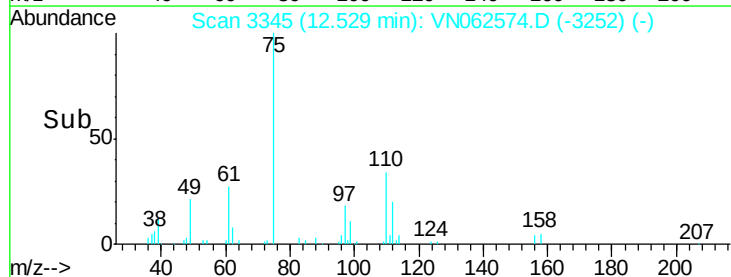
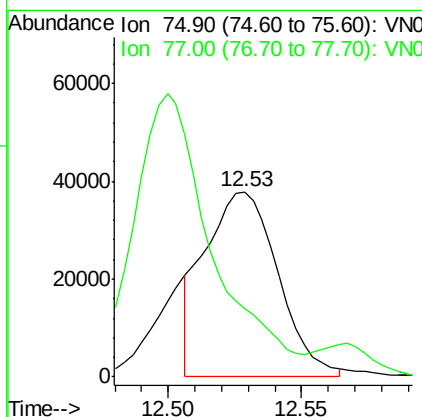
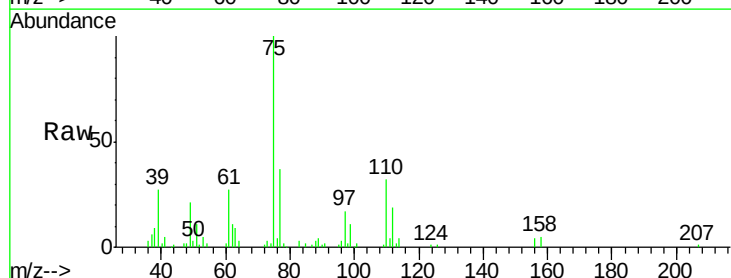
RT: 12.53 min Scan# 3345

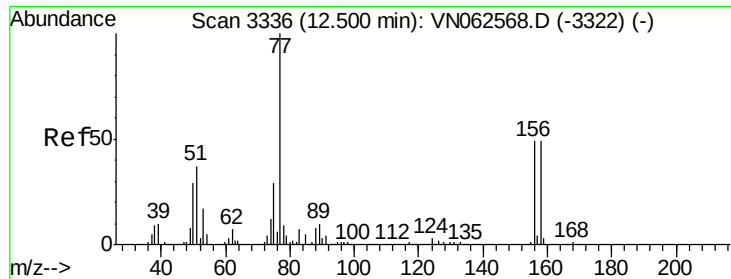
Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	75	Resp:	71993
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.380 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

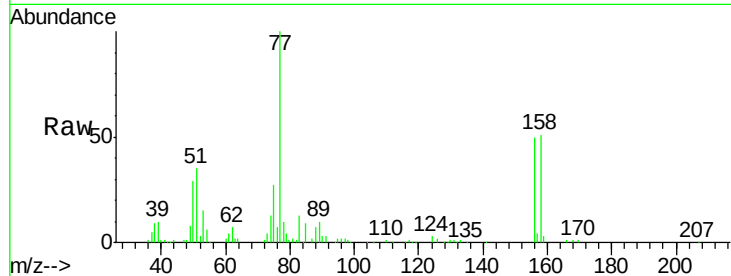
ClientSampleId :

VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	237.6	122.8	368.3
158	98.7	49.4	148.0

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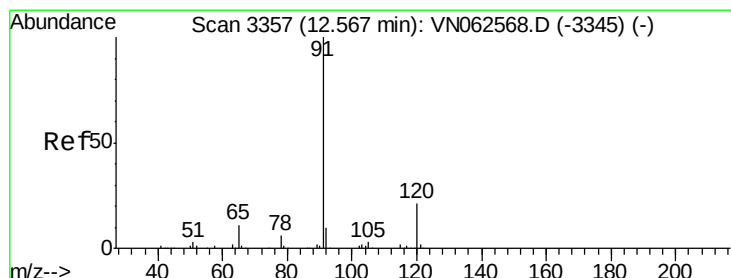
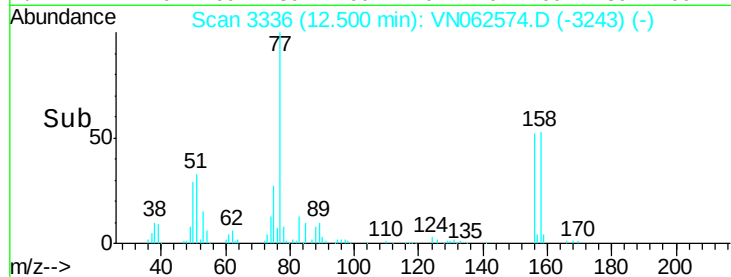
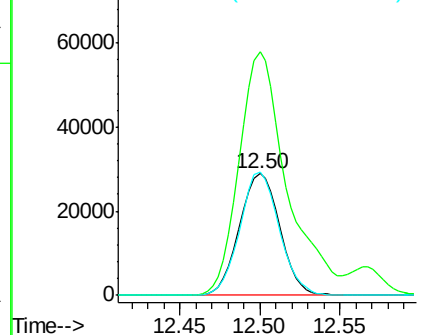


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.597 ug/l

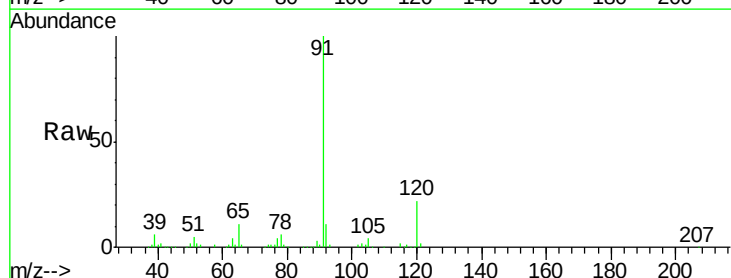
RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

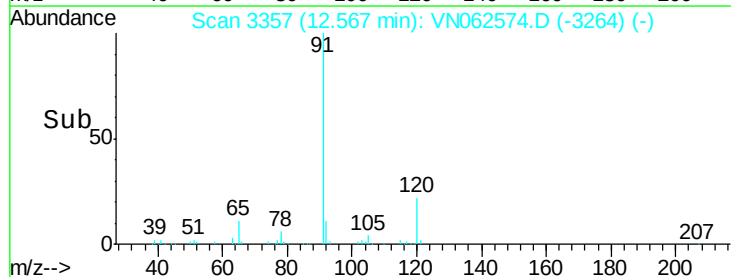
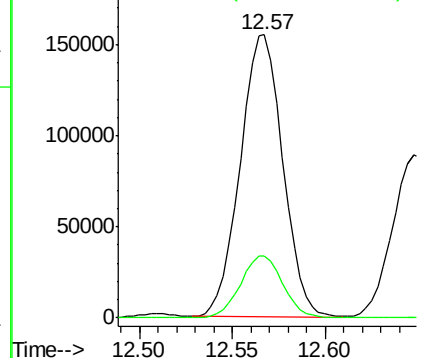
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.9	32.6

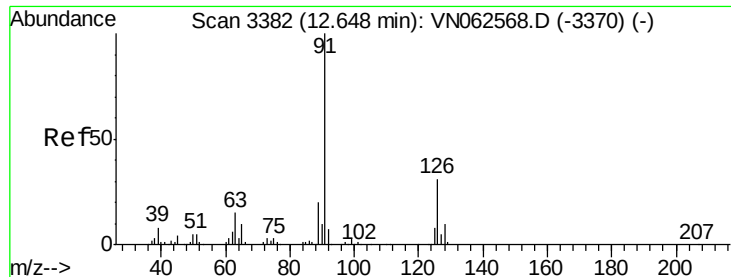


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





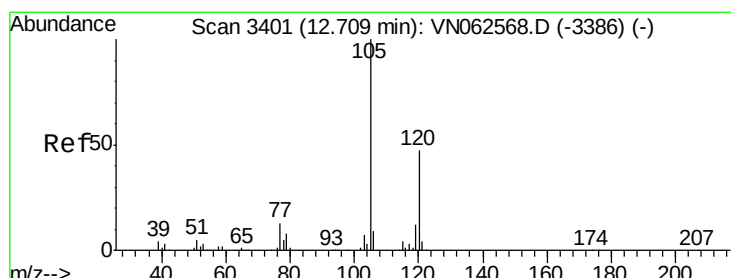
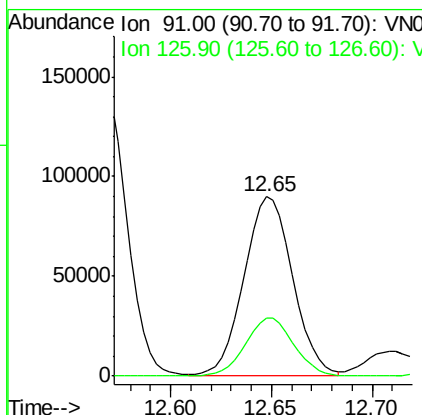
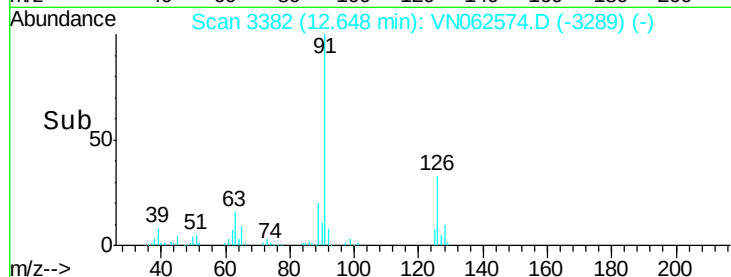
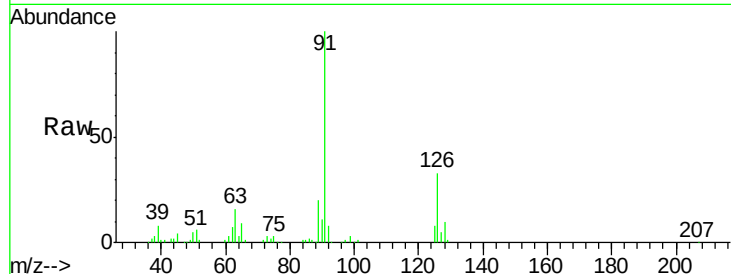
#79
2-Chlorotoluene
Concen: 17.491 ug/l
RT: 12.65 min Scan# 3382
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.4	15.9	47.6

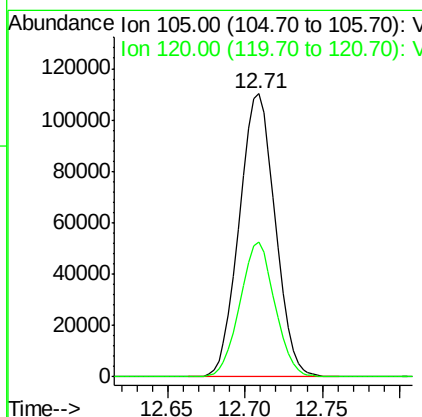
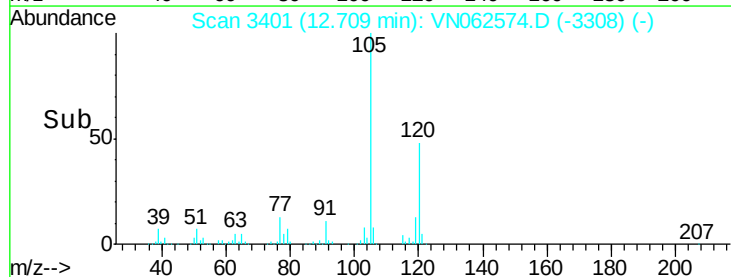
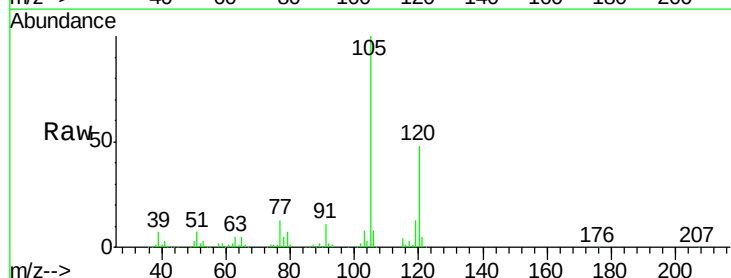
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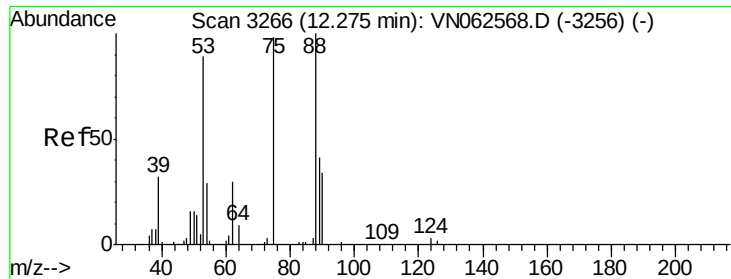
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#80
1,3,5-Trimethylbenzene
Concen: 17.969 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.2	69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.154 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

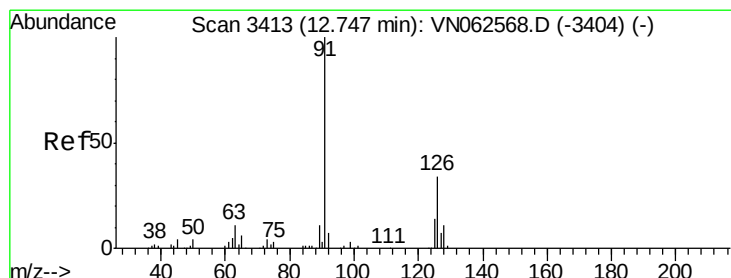
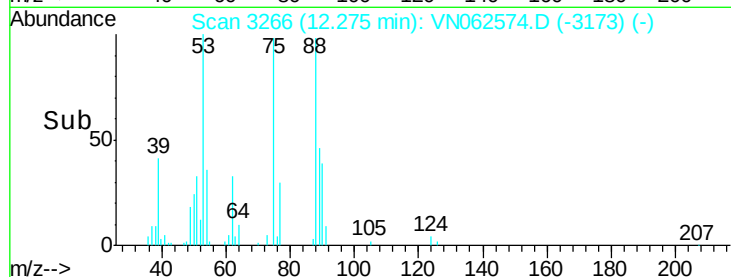
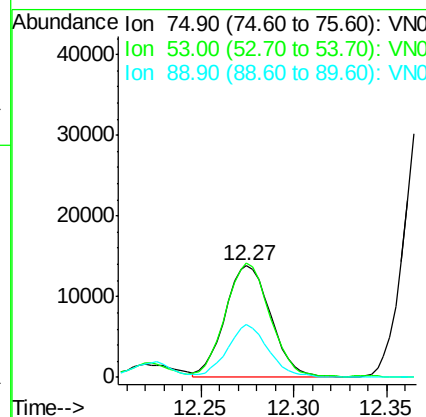
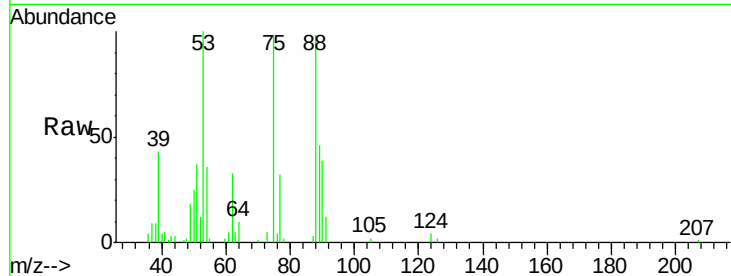
ClientSampleId :

VN0721WBSD01

Tot Ion:	75	Resp:	23725
Ion Ratio	Lower	Upper	
75	100		
53	100.5	75.4	113.0
89	42.5	34.5	51.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.486 ug/l

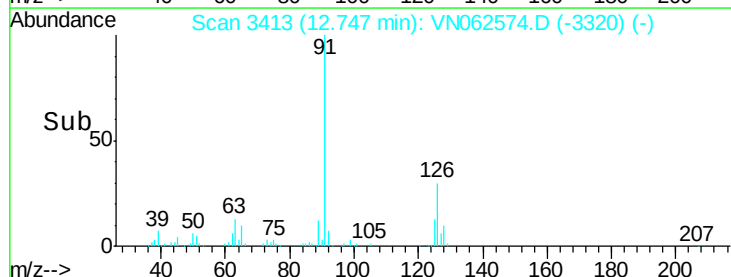
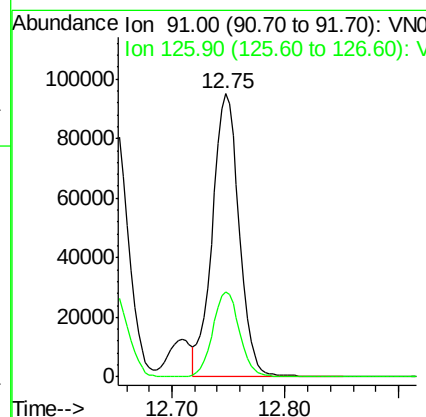
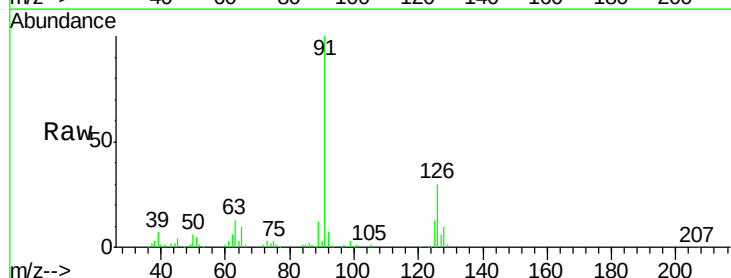
RT: 12.75 min Scan# 3413

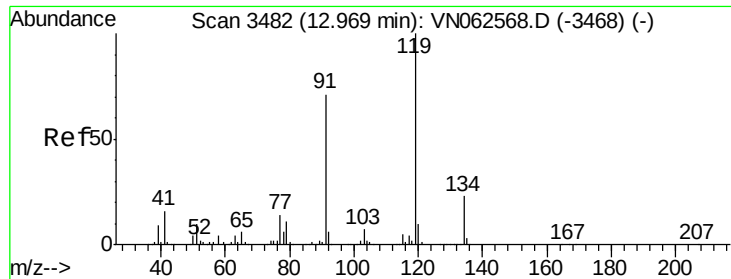
Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	91	Resp:	157143
Ion Ratio	Lower	Upper	
91	100		
126	30.0	15.4	46.4





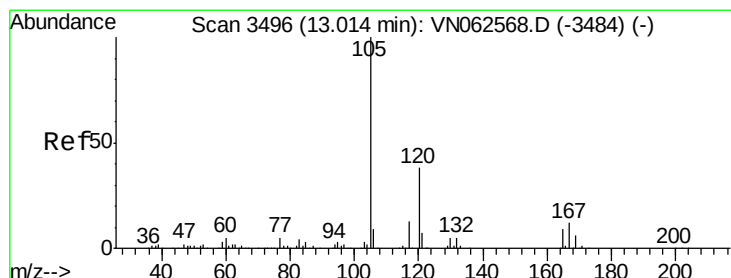
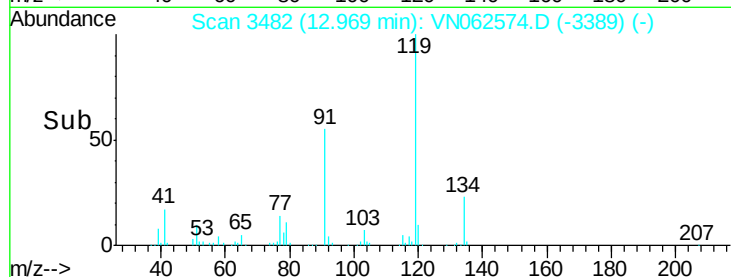
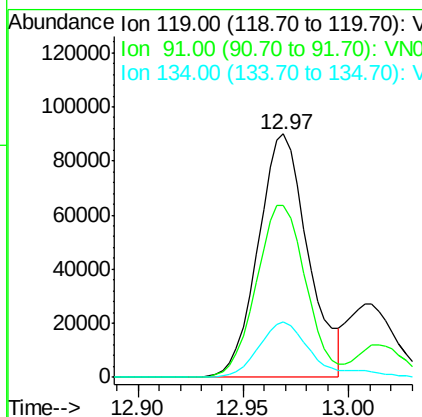
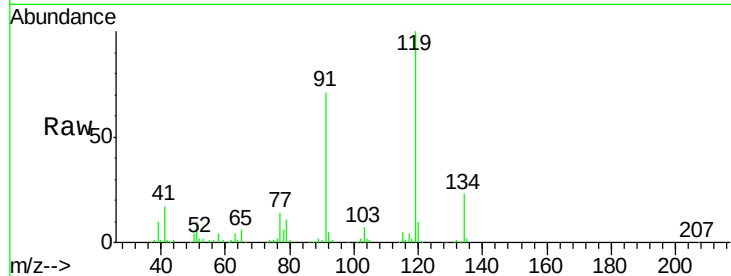
#83
 tert-Butylbenzene
 Concen: 17.949 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.0	34.6	103.8
134	24.7	11.5	34.4

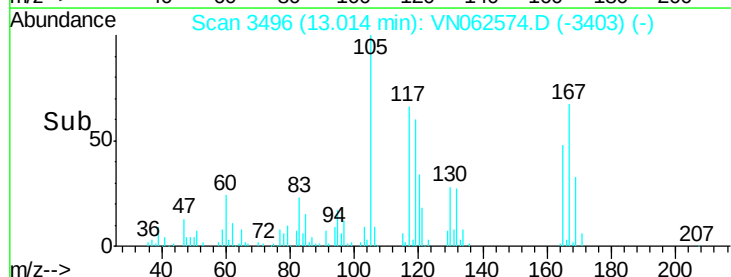
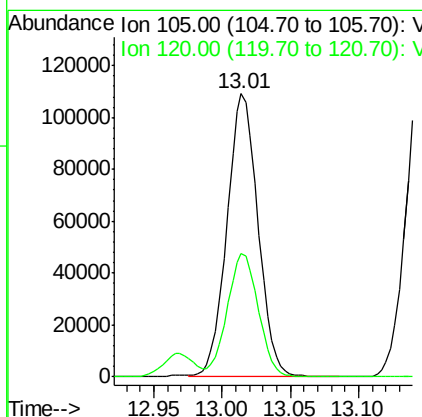
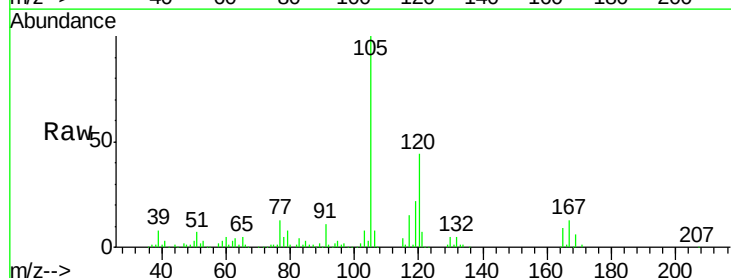
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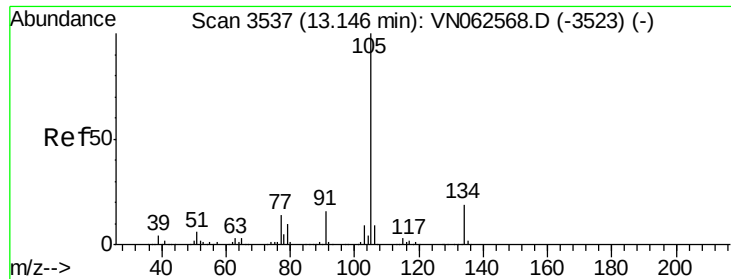
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.634 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.3





#85

sec-Butylbenzene

Concen: 17.628 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampled :

VN0721WBSD01

Tot Ion:105 Resp: 194424

Ion Ratio Lower Upper

105 100

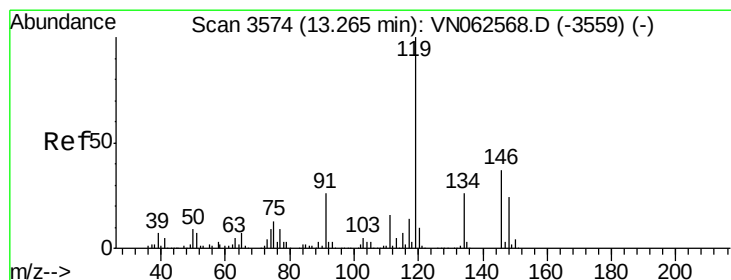
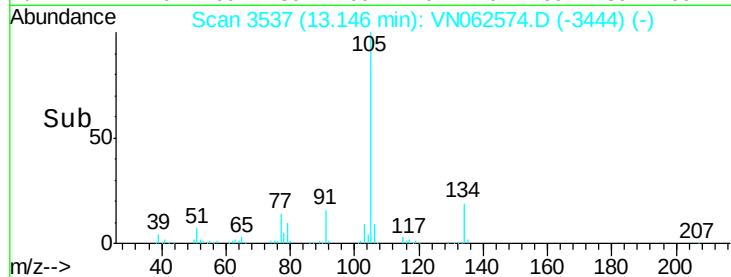
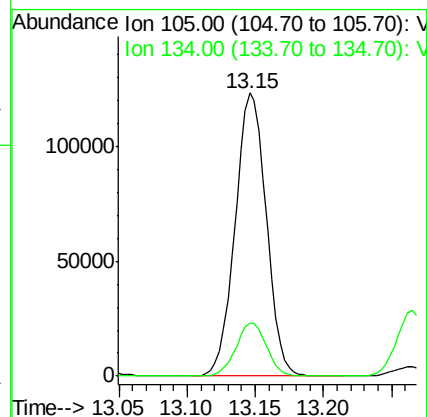
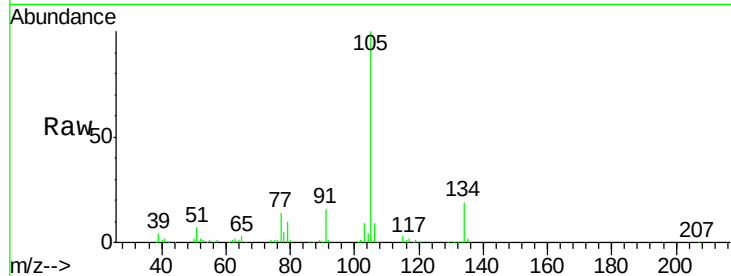
134 18.8 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 17.959 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

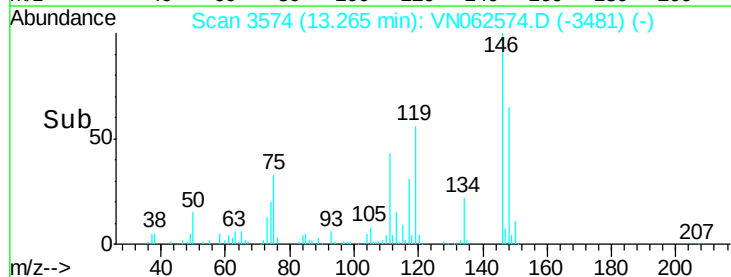
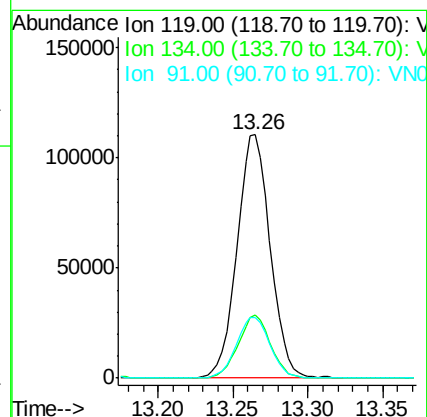
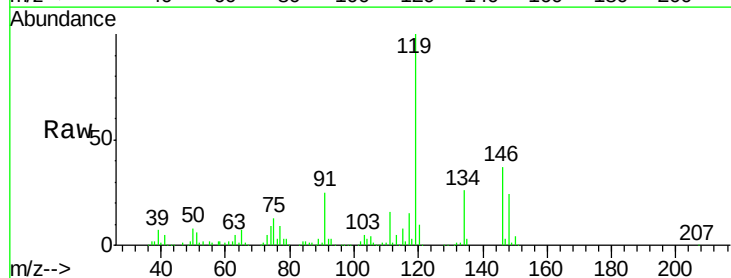
Tgt Ion:119 Resp: 170361

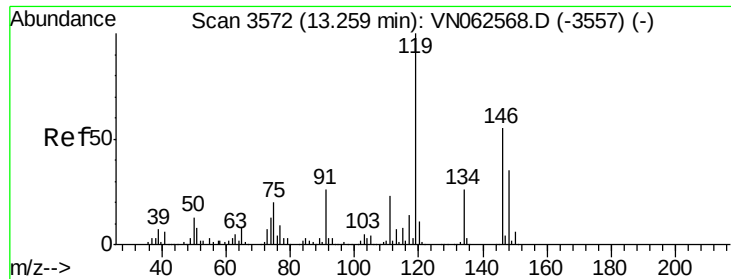
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

91 25.4 12.7 38.1





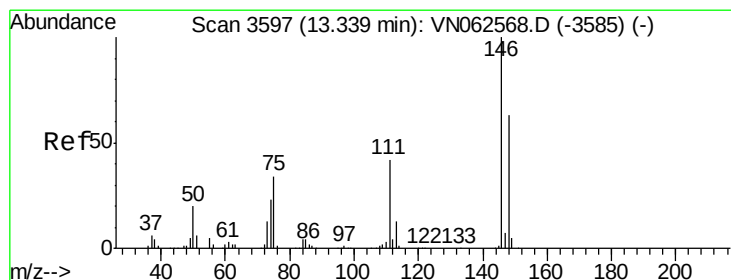
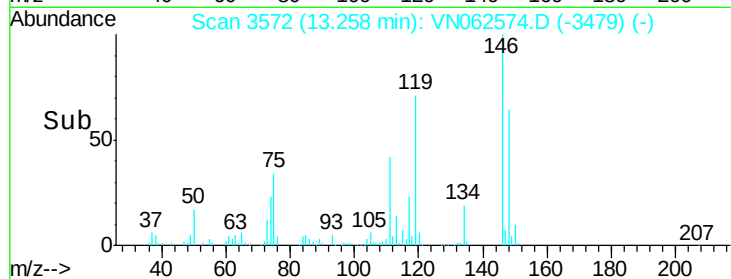
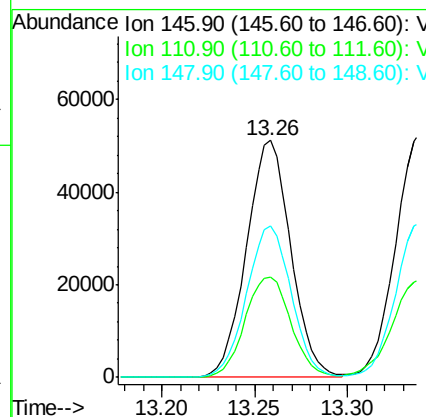
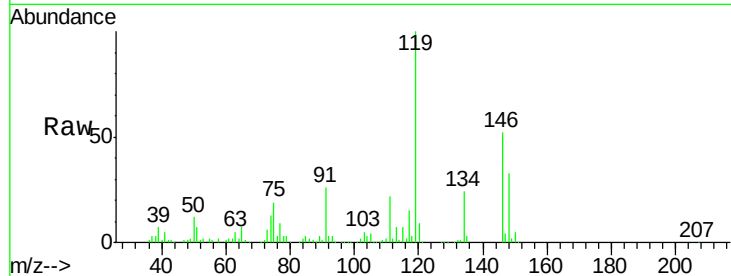
#87
 1,3-Dichlorobenzene
 Concen: 16.922 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_N
 ClientSampled :
 VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.6	64.6
148	64.4	31.8	95.4

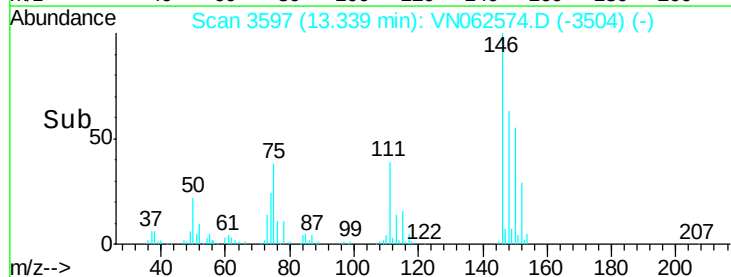
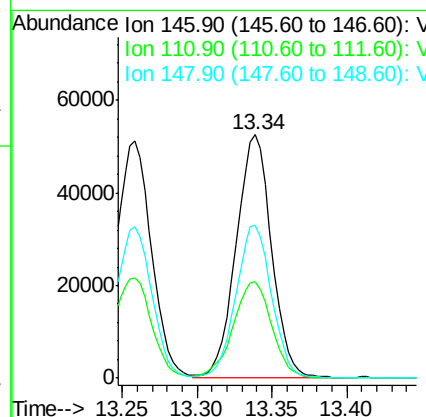
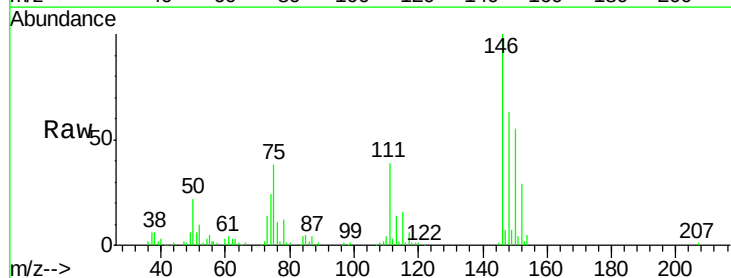
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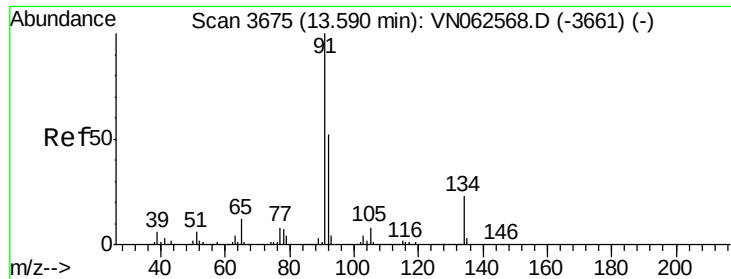
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#88
 1,4-Dichlorobenzene
 Concen: 17.352 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.1	63.1
148	63.9	31.6	94.8





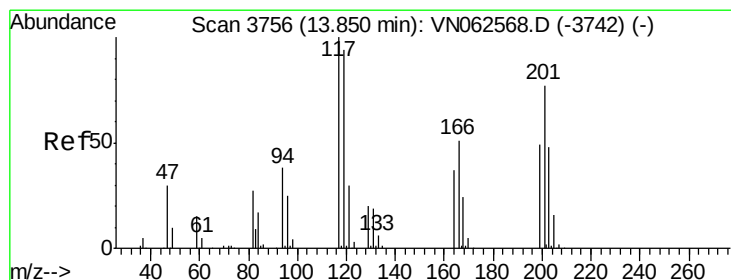
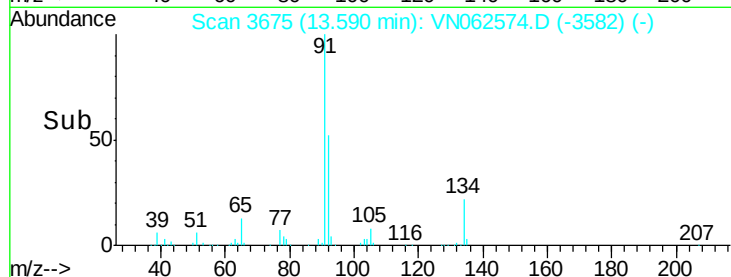
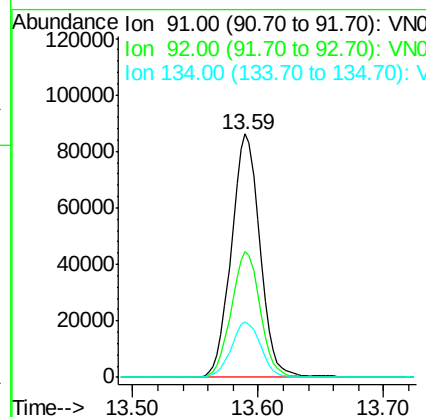
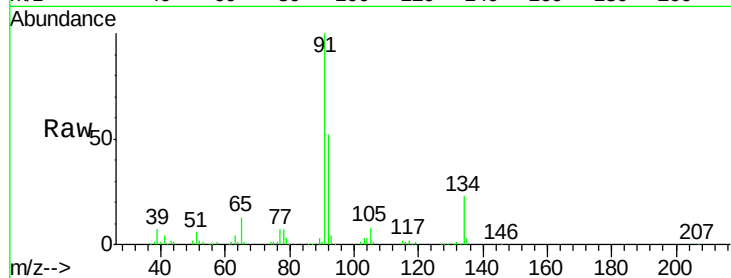
#89
n-Butylbenzene
Concen: 16.747 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.8	77.3
134	23.3	11.8	35.3

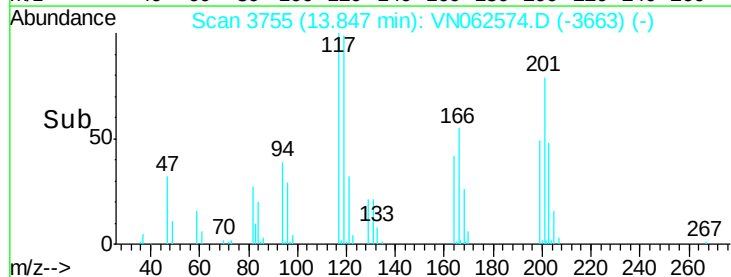
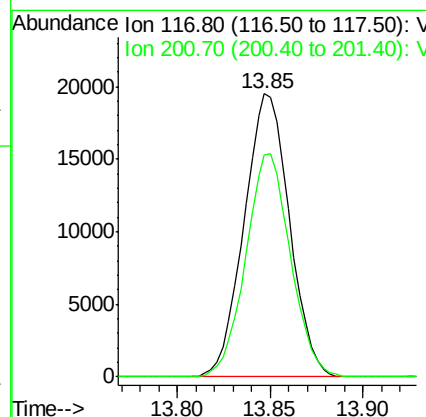
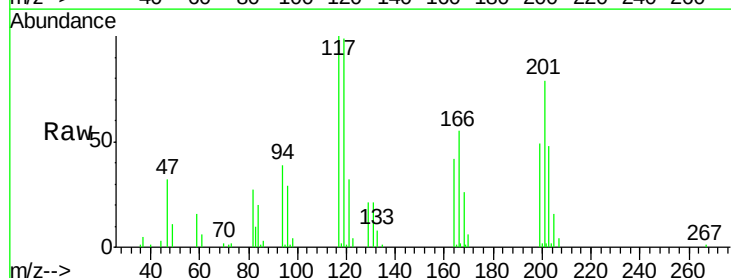
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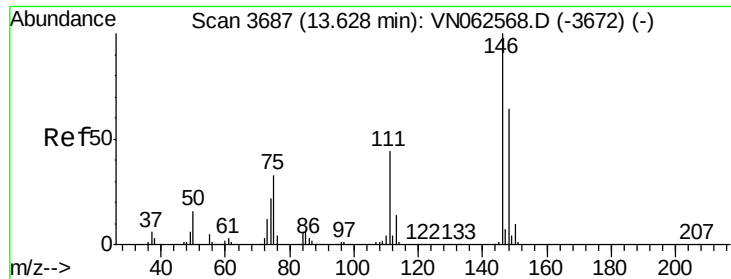
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#90
Hexachloroethane
Concen: 16.418 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.9	39.2	117.6





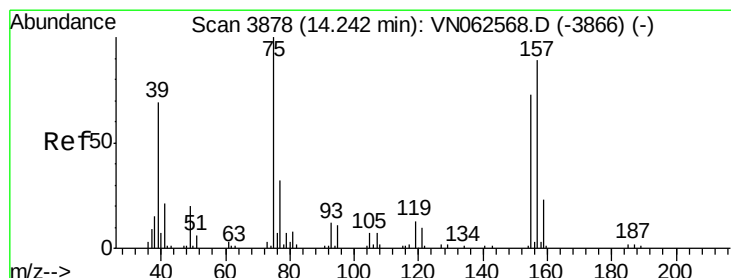
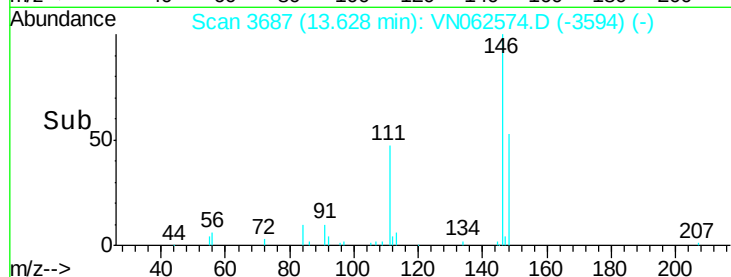
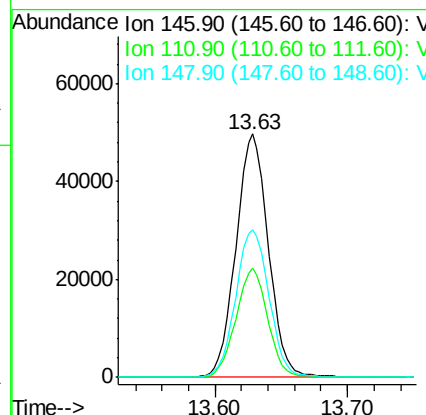
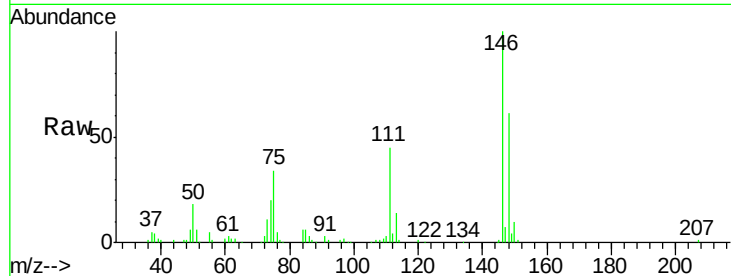
#91
 1,2-Dichlorobenzene
 Concen: 17.472 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.9	65.8
148	62.6	31.6	94.7

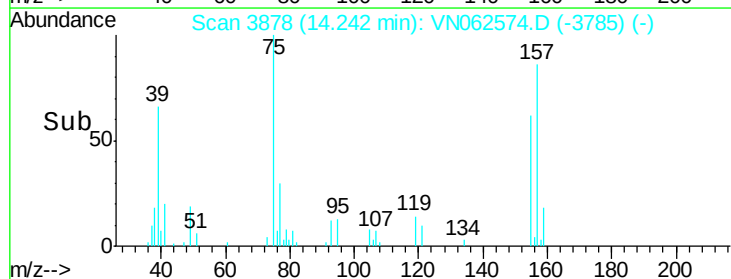
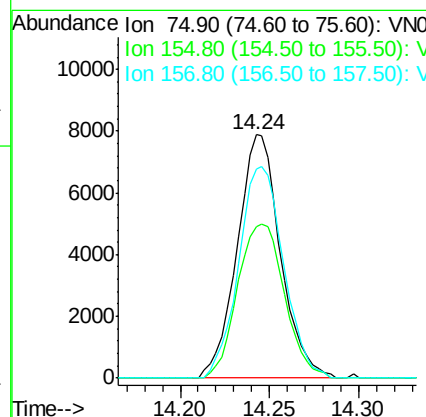
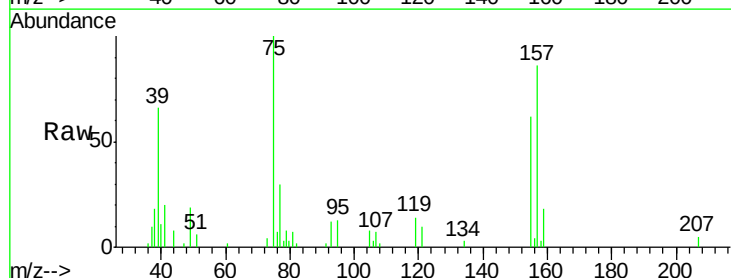
Manual Integrations
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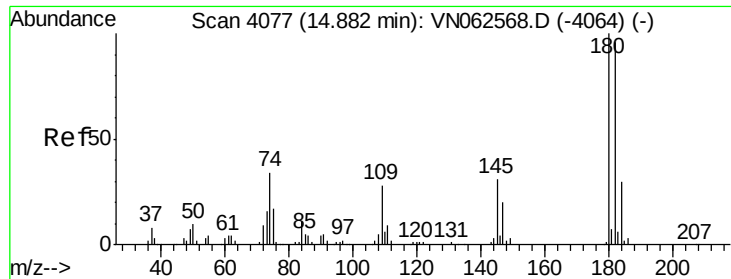
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 7/22/2020 2:45:48 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.669 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.7	35.9	107.5
157	90.2	45.0	135.0





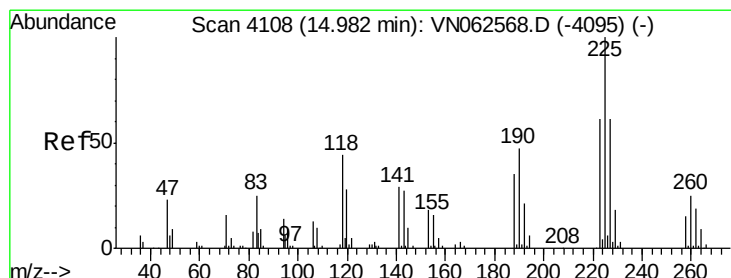
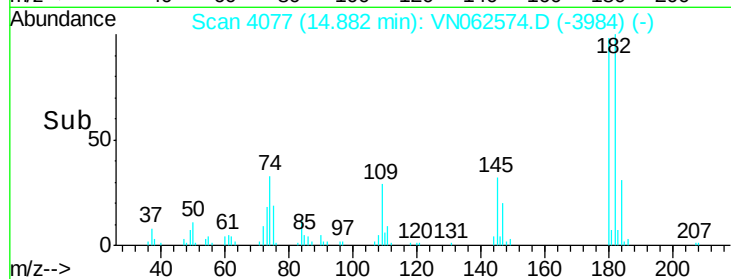
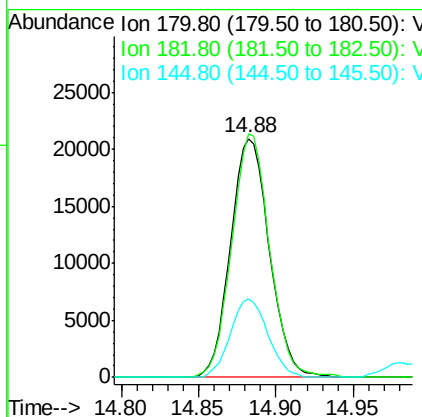
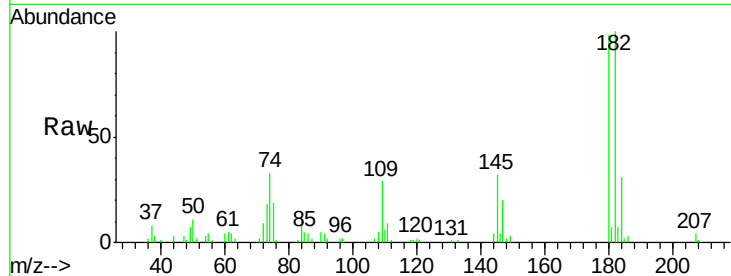
#93
 1,2,4-Trichlorobenzene
 Concen: 16.574 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	36419		
182	99.5	47.8	143.3	
145	31.7	15.3	45.9	

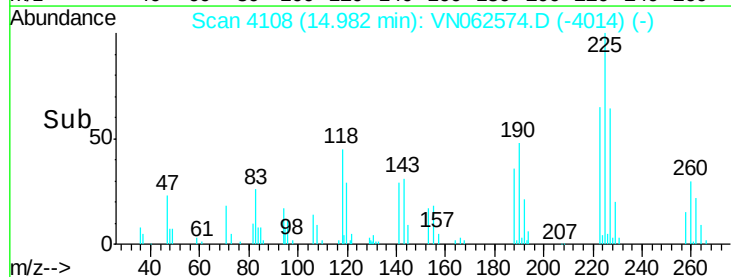
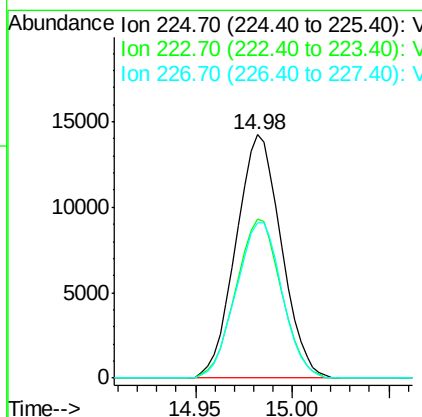
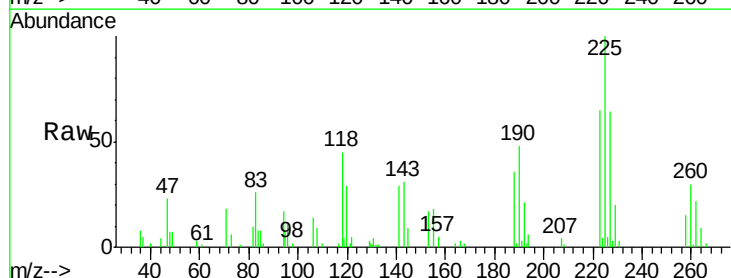
Manual Integrations
 APPROVED

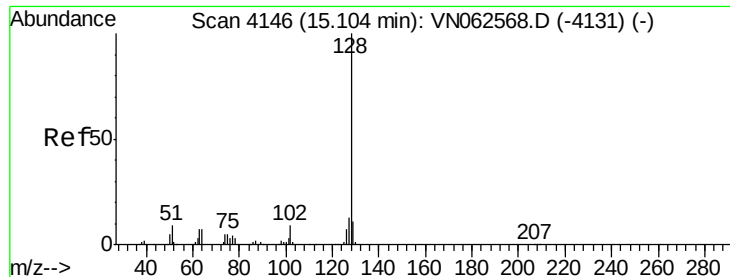
MMDadoda
 7/22/2020 2:45:48 PM



#94
 Hexachlorobutadiene
 Concen: 17.526 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23236		
223	65.6	32.0	96.0	
227	65.0	31.1	93.2	





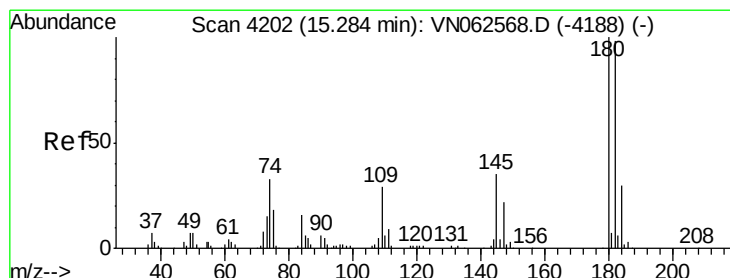
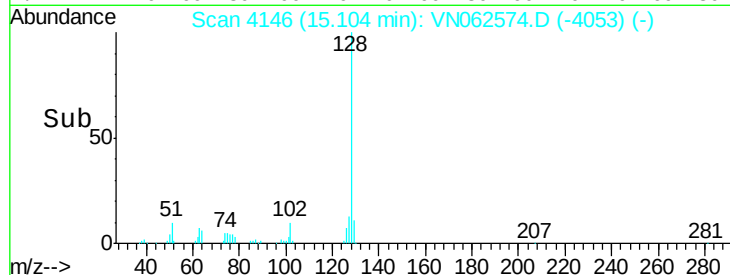
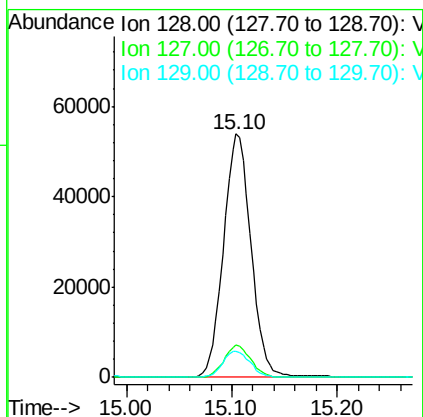
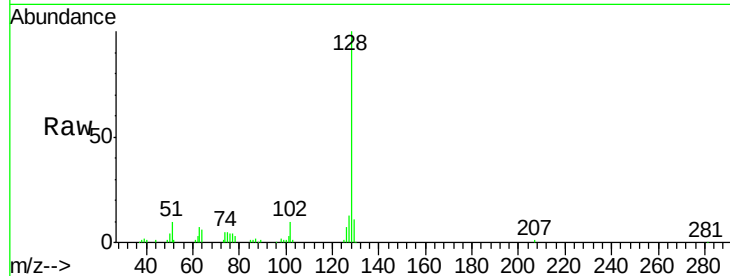
#95
Naphthalene
Concen: 17.133 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/22/2020 2:45:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 16.615 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	48.1	144.3
145	33.0	16.7	50.1

