

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062991.D
 Acq On : 18 Aug 2020 00:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 11:13:09 AM

Quant Time: Aug 18 07:48:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	275119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	396783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168828	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	158692	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
35) Dibromofluoromethane	7.55	113	132116	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	10.06	98	512754	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.38	95	148791	39.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	139316	44.845	ug/l	99
3) Chloromethane	2.03	50	132553	44.734	ug/l	99
4) Vinyl Chloride	2.16	62	187108	50.000	ug/l	99
5) Bromomethane	2.51	94	105452	39.762	ug/l	96
6) Chloroethane	2.66	64	111895	43.905	ug/l	95
7) Trichlorofluoromethane	2.98	101	228537	43.842	ug/l	97
8) Diethyl Ether	3.37	74	78324	49.018	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	113965	45.777	ug/l	96
10) Methyl Iodide	3.91	142	157997	49.784	ug/l	99
11) Tert butyl alcohol	4.74	59	122319	245.603	ug/l	100
12) 1,1-Dichloroethene	3.70	96	107240	45.377	ug/l	96
13) Acrolein	3.57	56	60814	203.527	ug/l	98
14) Allyl chloride	4.27	41	191267	52.415	ug/l	98
15) Acrylonitrile	4.93	53	362904	276.306	ug/l	99
16) Acetone	3.78	43	272078	241.108	ug/l	98
17) Carbon Disulfide	4.01	76	299164	44.113	ug/l	100
18) Methyl Acetate	4.28	43	163498	62.733	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	418784	54.247	ug/l	97
20) Methylene Chloride	4.50	84	137871	50.546	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	117626	47.516	ug/l	96
22) Diisopropyl ether	5.90	45	485075	61.519	ug/l	97
23) Vinyl Acetate	5.84	43	1620700	291.603	ug/l	97
24) 1,1-Dichloroethane	5.80	63	251987	54.659	ug/l	99
25) 2-Butanone	6.79	43	474474	291.741	ug/l	93
26) 2,2-Dichloropropane	6.78	77	160432	42.100	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	147211	50.124	ug/l	95
28) Bromochloromethane	7.15	49	131850	59.326	ug/l	81
29) Tetrahydrofuran	7.17	42	318039	322.492	ug/l	92
30) Chloroform	7.33	83	252895	52.605	ug/l	99
31) Cyclohexane	7.62	56	242970	54.048	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	206305	51.701	ug/l	97
36) 1,1-Dichloropropene	7.75	75	174326	48.671	ug/l	98
37) Ethyl Acetate	6.88	43	183093	55.956	ug/l	95
38) Carbon Tetrachloride	7.73	117	174438	46.097	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	231533	48.710	ug/l	95
40) Benzene	8.00	78	566354	49.990	ug/l	100
41) Methacrylonitrile	7.13	41	93811	58.460	ug/l #	77
42) 1,2-Dichloroethane	8.08	62	192303	51.712	ug/l	96
43) Isopropyl Acetate	8.13	43	292652	56.293	ug/l #	87
44) Trichloroethene	8.80	130	137919	45.153	ug/l	98
45) 1,2-Dichloropropane	9.08	63	161322	51.106	ug/l	100
46) Dibromomethane	9.17	93	96648	49.177	ug/l	93
47) Bromodichloromethane	9.37	83	207469	52.046	ug/l	97
48) Methyl methacrylate	9.17	41	145956	57.398	ug/l	93
49) 1,4-Dioxane	9.17	88	53833	1000.935	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	1012397	291.064	ug/l	95
52) Toluene	10.12	92	351727	49.142	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	218326	50.773	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	234849	50.598	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	149212	49.183	ug/l	95
56) Ethyl methacrylate	10.40	69	224515	47.892	ug/l	94
57) 1,3-Dichloropropane	10.68	76	248195	51.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	255561	280.801	ug/l	94
59) 2-Hexanone	10.72	43	728682	306.653	ug/l	96
60) Dibromochloromethane	10.88	129	161960	47.969	ug/l	100
61) 1,2-Dibromoethane	10.98	107	149782	48.364	ug/l	97
64) Tetrachloroethene	10.60	164	125291	46.038	ug/l	99
65) Chlorobenzene	11.41	112	380422	46.842	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	148913	47.210	ug/l	98
67) Ethyl Benzene	11.48	91	682934	49.914	ug/l	97
68) m/p-Xylenes	11.60	106	520709	100.784	ug/l	97
69) o-Xylene	11.92	106	247391	50.408	ug/l	97
70) Styrene	11.94	104	442930	52.035	ug/l	98
71) Bromoform	12.10	173	124448	47.200	ug/l #	99
73) Isopropylbenzene	12.22	105	665085	57.103	ug/l	99
74) N-amyl acetate	12.05	43	270455	67.640	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.48	83	172555	47.065	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	143479m	43.321	ug/l	
77) Bromobenzene	12.50	156	150710	44.881	ug/l	97
78) n-propylbenzene	12.57	91	611477	44.996	ug/l	100
79) 2-Chlorotoluene	12.65	91	369682	45.263	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	467302	47.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	69099	55.494	ug/l	98
82) 4-Chlorotoluene	12.75	91	374917	45.047	ug/l	100
83) tert-Butylbenzene	12.97	119	402939	47.681	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	465179	49.057	ug/l	100
85) sec-Butylbenzene	13.15	105	530565	47.705	ug/l	100
86) p-Isopropyltoluene	13.26	119	489099	49.420	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	261646	47.312	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	260230	45.658	ug/l	99
89) n-Butylbenzene	13.59	91	376369	46.820	ug/l	99
90) Hexachloroethane	13.85	117	90487	45.074	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	253411	47.412	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	29890	47.183	ug/l	98

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QLast Update : Mon Aug 17 17:31:03 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	131578	43.838	ug/l	99
94) Hexachlorobutadiene	14.98	225	90055	43.649	ug/l	99
95) Naphthalene	15.10	128	302567	49.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	129879	43.830	ug/l	98

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

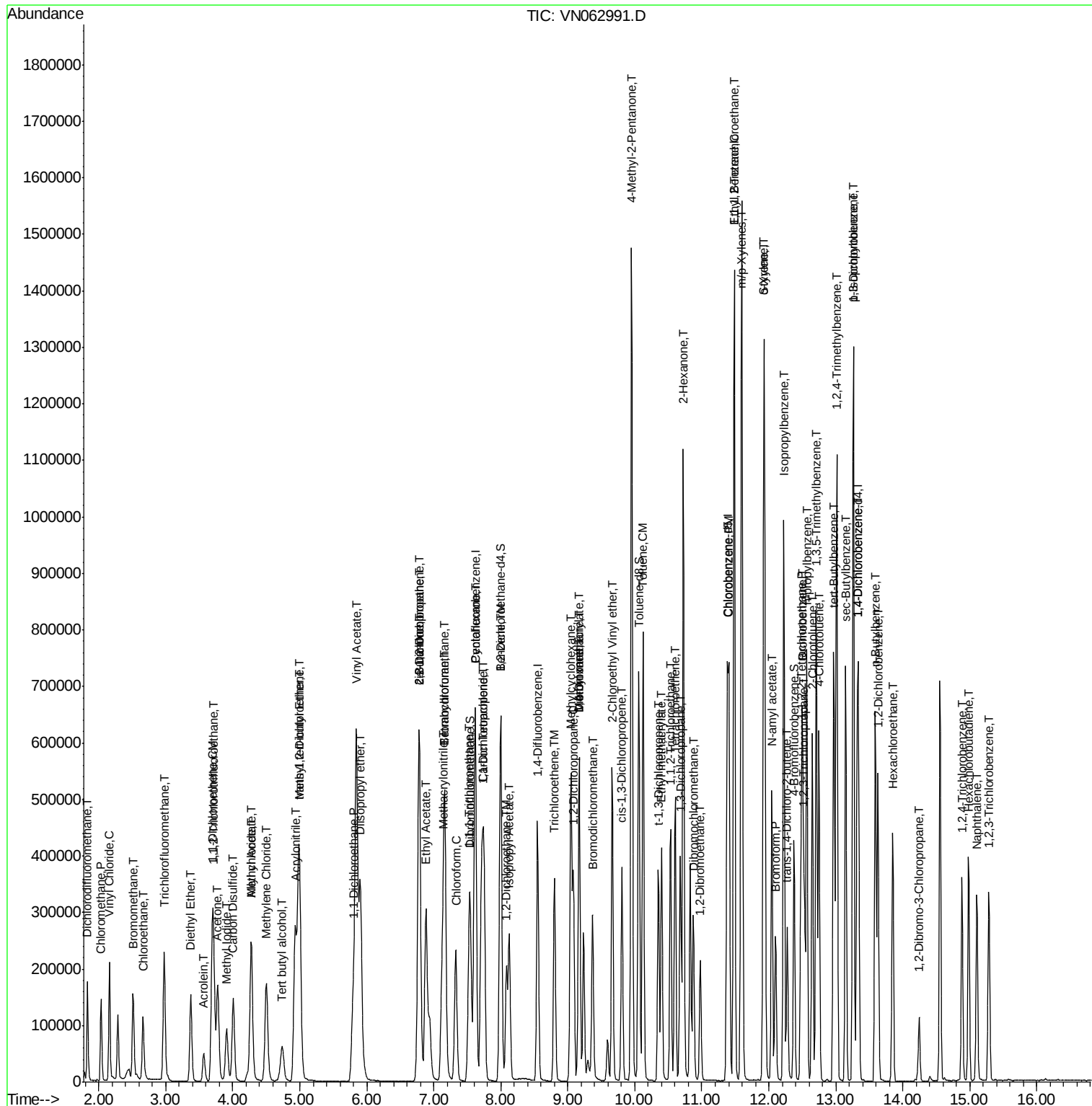
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Data File : VN062991.D
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Sample : VSTDCCC050
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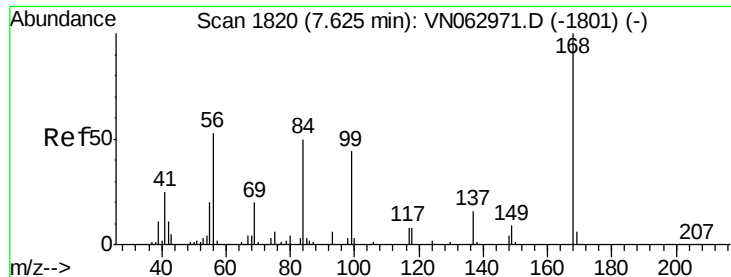
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 275119

Ion Ratio Lower Upper

168 100

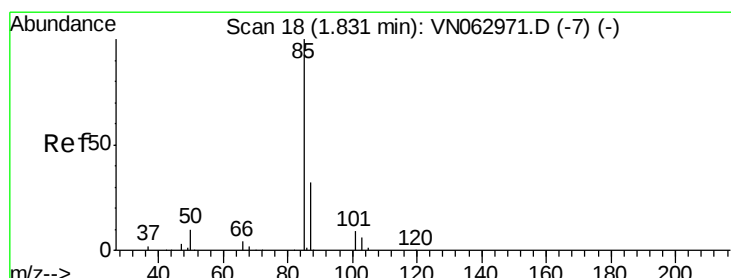
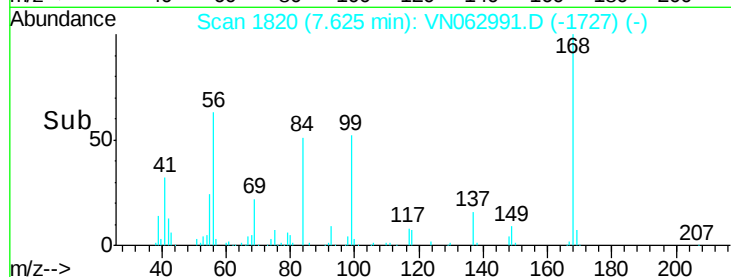
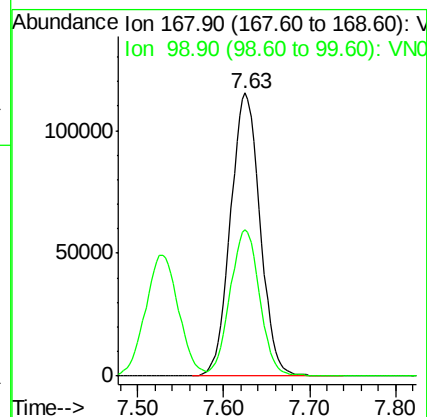
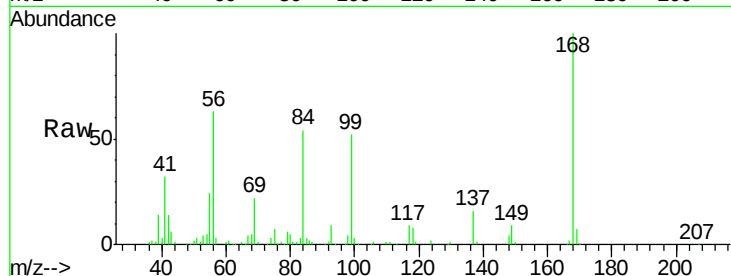
99 51.7 39.4 59.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.845 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062991.D

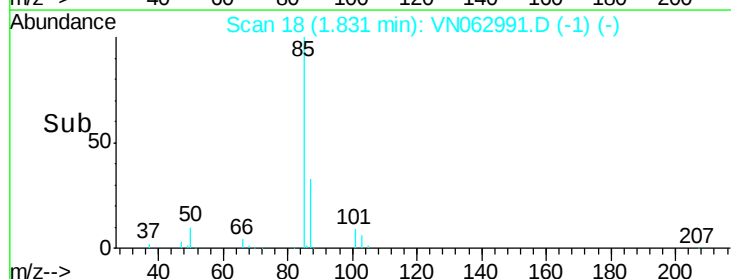
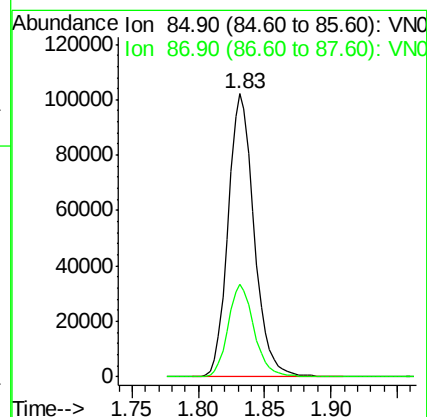
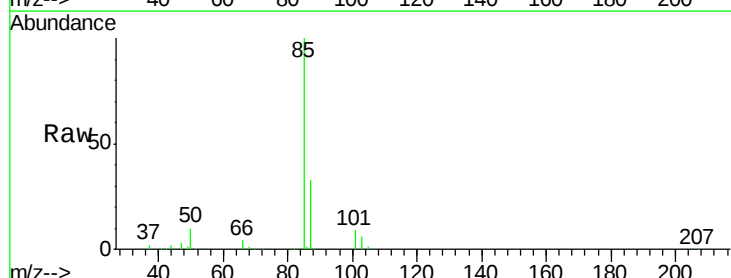
Acq: 18 Aug 2020 00:21

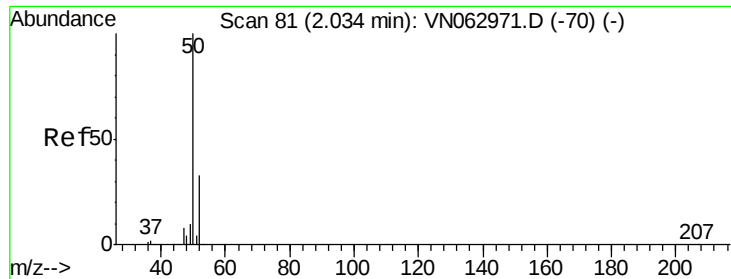
Tgt Ion: 85 Resp: 139316

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.7





#3

Chloromethane

Concen: 44.734 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 132553

Ion Ratio Lower Upper

50 100

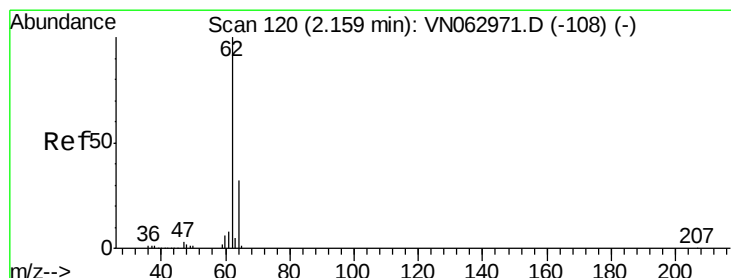
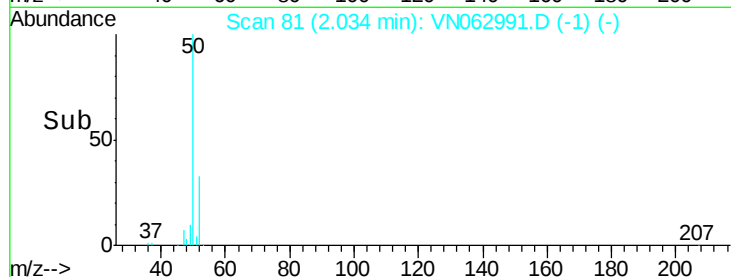
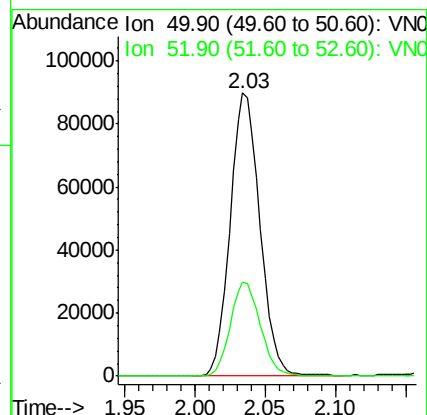
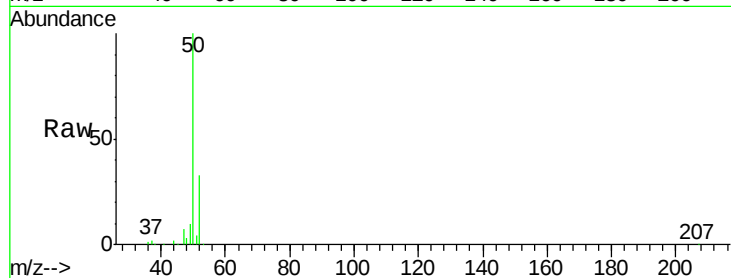
52 33.2 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.000 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062991.D

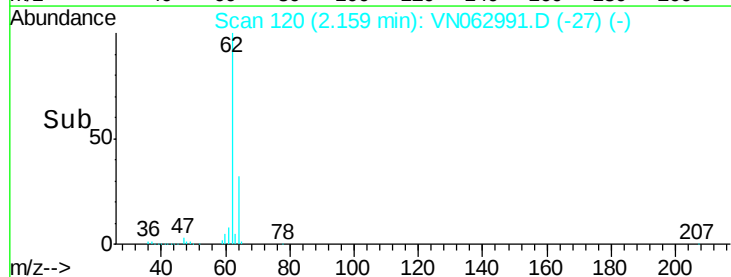
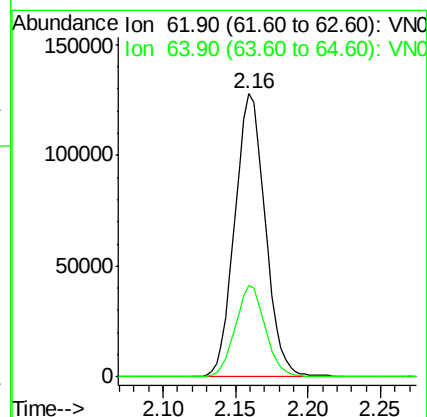
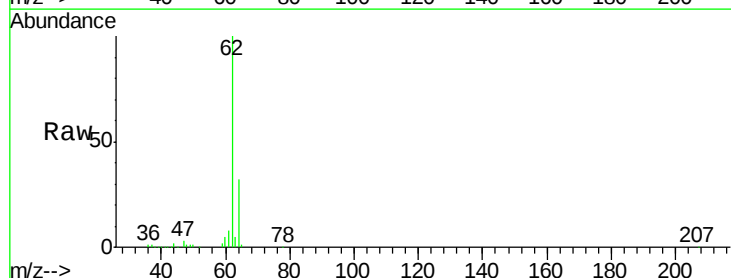
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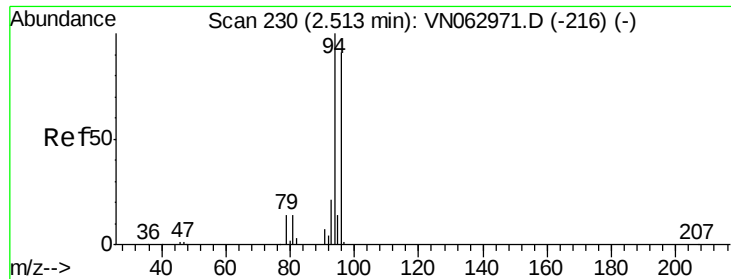
Tgt Ion: 62 Resp: 187108

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9





#5

Bromomethane

Concen: 39.762 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 105452

Ion Ratio Lower Upper

94 100

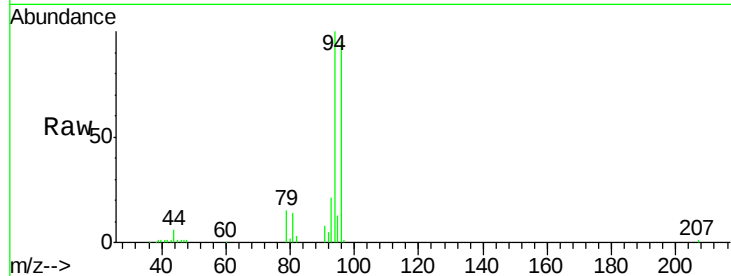
96 94.9 72.9 109.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN062991.D (-137) (-)

Ion 95.90 (95.60 to 96.60): VN062991.D (-137) (-)

2.51

60000

50000

40000

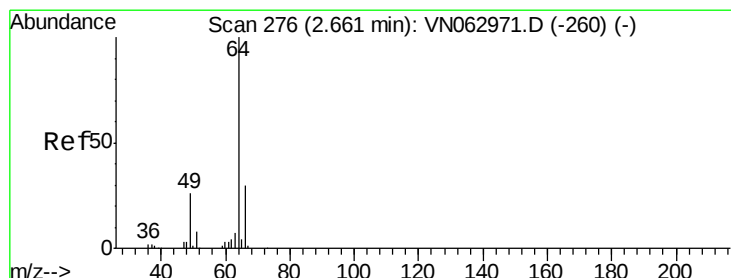
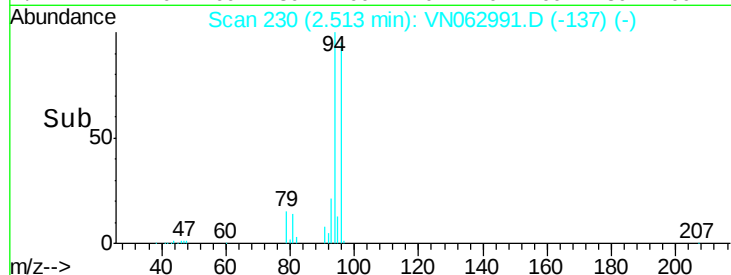
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 43.905 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062991.D

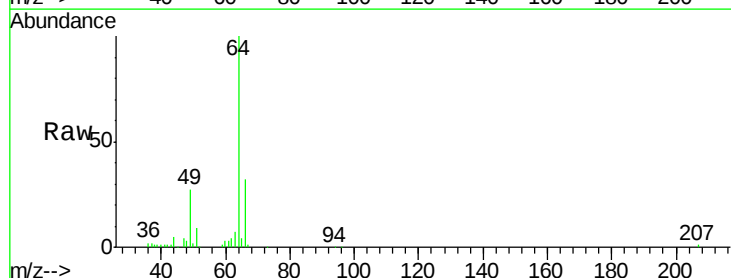
Acq: 18 Aug 2020 00:21

Tgt Ion: 64 Resp: 111895

Ion Ratio Lower Upper

64 100

66 32.3 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VN062991.D (-183) (-)

Ion 65.90 (65.60 to 66.60): VN062991.D (-183) (-)

2.66

60000

50000

40000

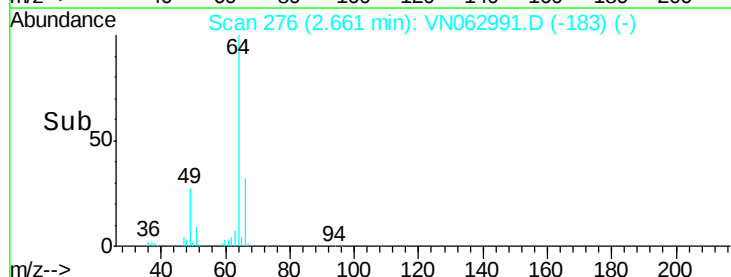
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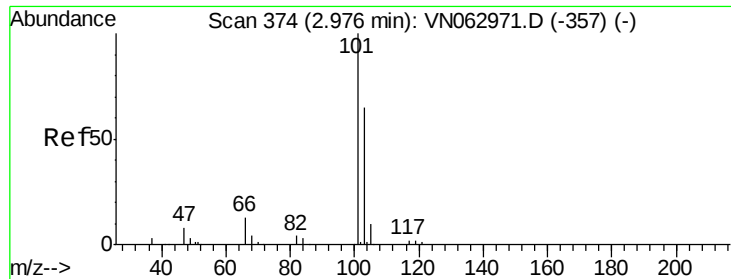
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10000

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Time-->





#7

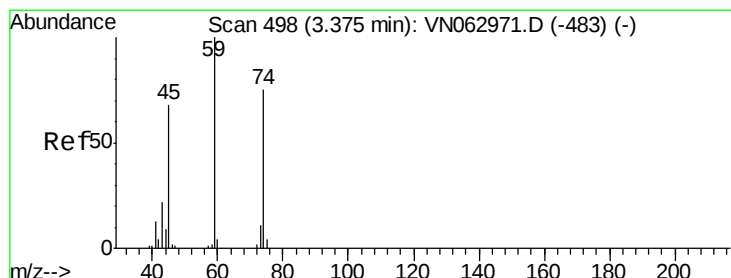
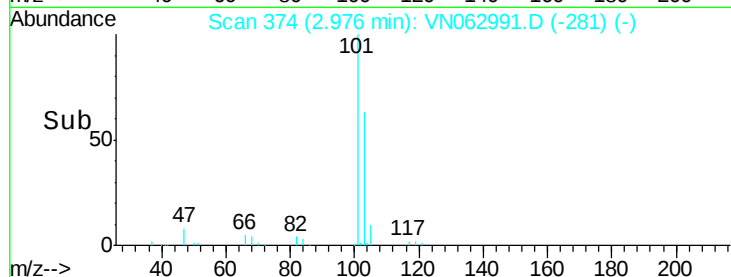
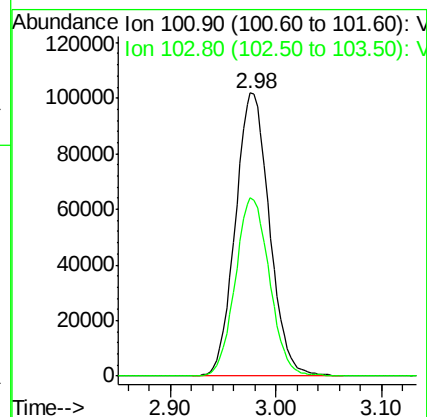
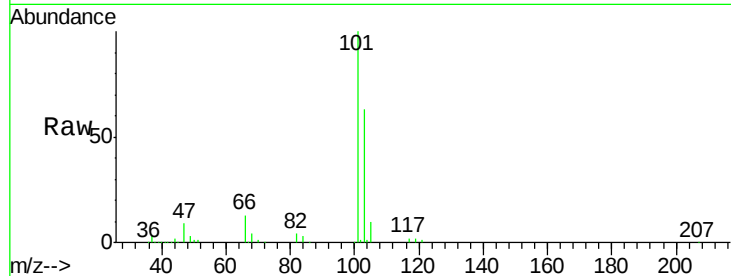
Trichlorofluoromethane
 Concen: 43.842 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.2	78.4

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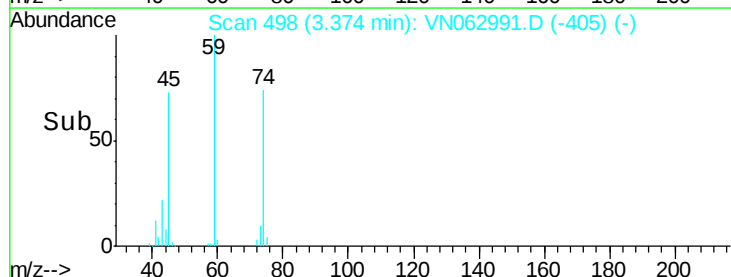
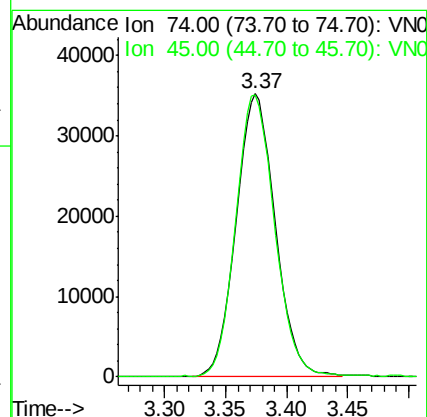
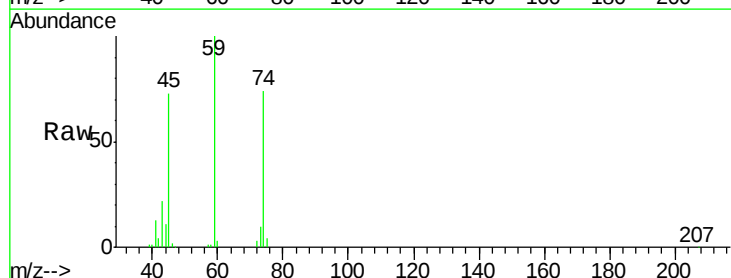
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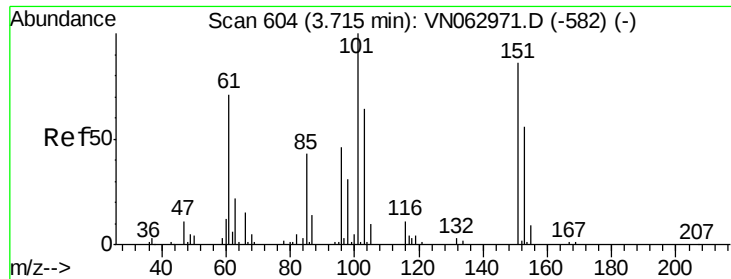


#8

Diethyl Ether
 Concen: 49.018 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.4	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.777 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

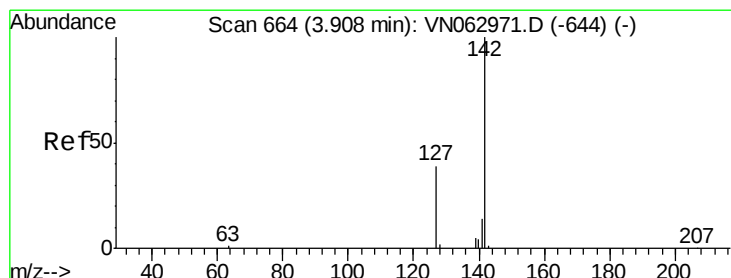
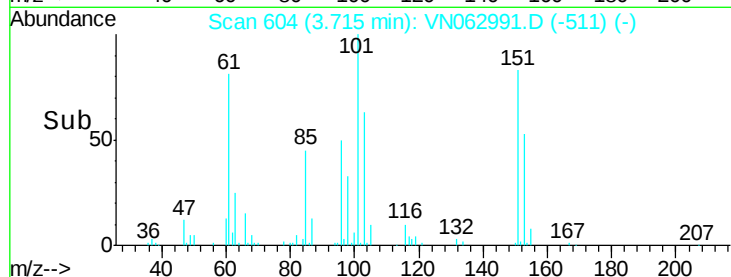
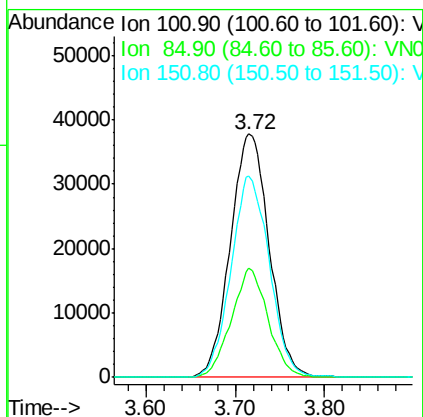
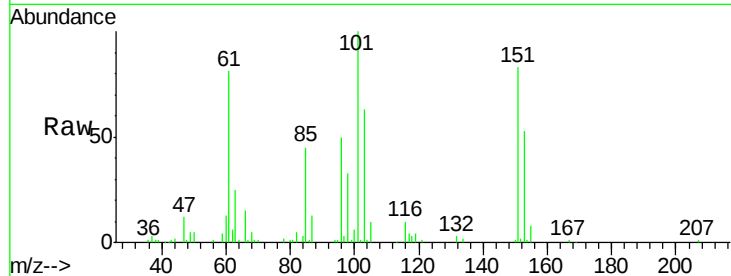
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	113965
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.1	51.1
151	81.8	69.3	103.9

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#10

Methyl Iodide

Concen: 49.784 ug/l

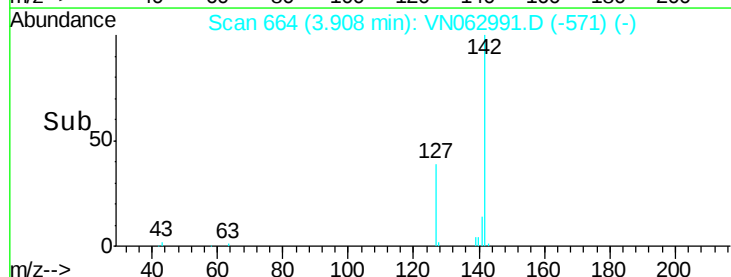
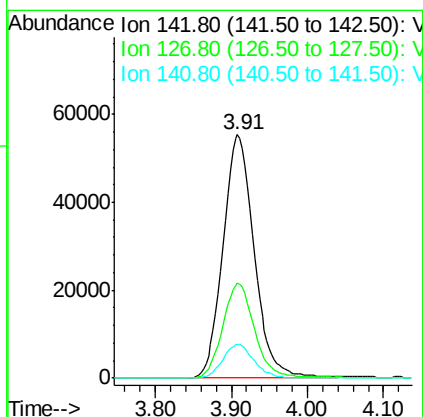
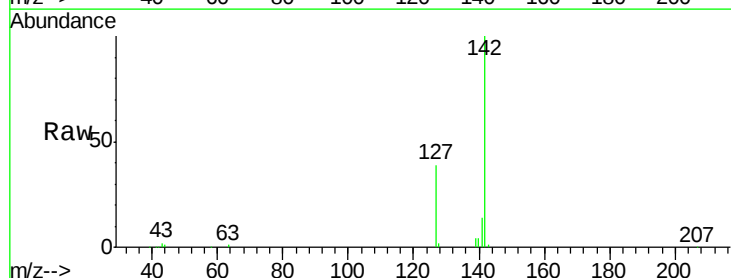
RT: 3.91 min Scan# 664

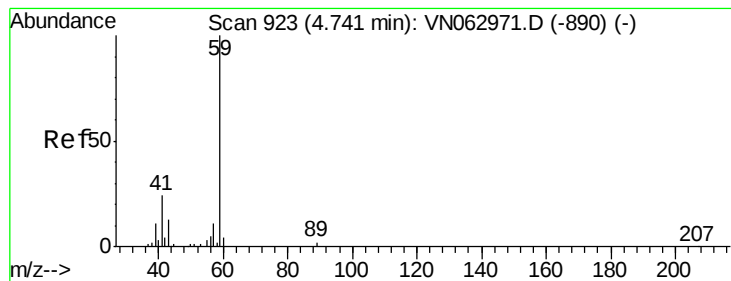
Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Tgt Ion:	142	Resp:	157997
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.9	47.9
141	13.8	11.4	17.2





#11

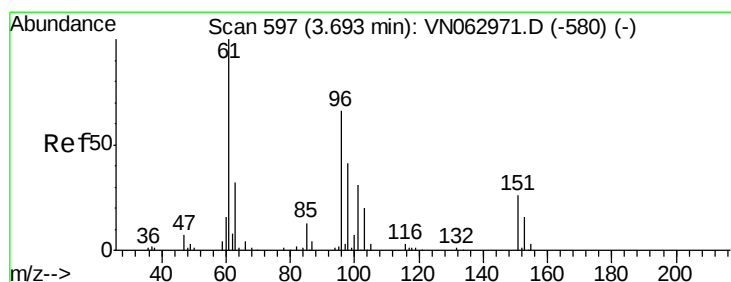
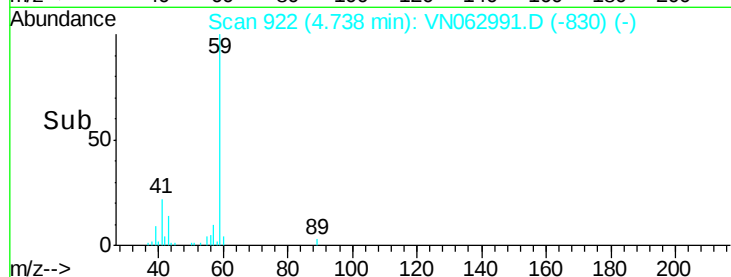
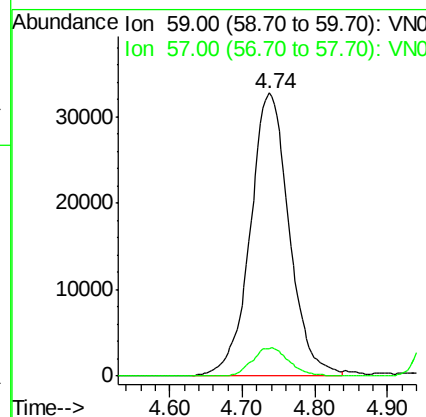
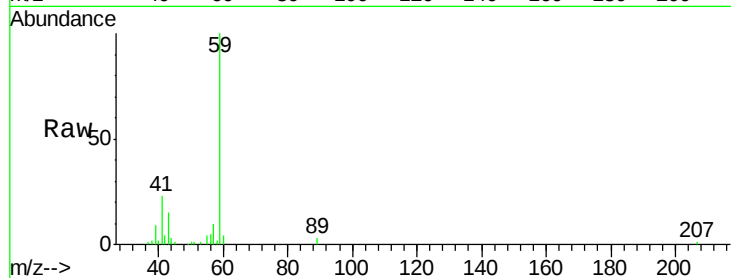
Tert butyl alcohol
 Concen: 245.603 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.6	11.4

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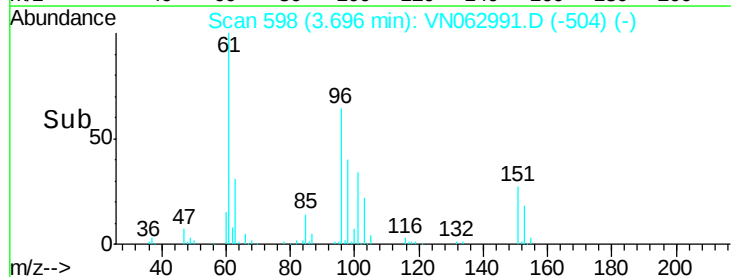
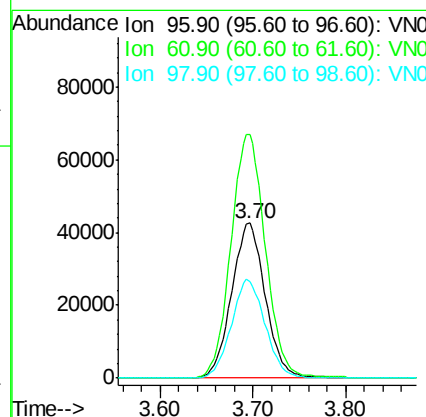
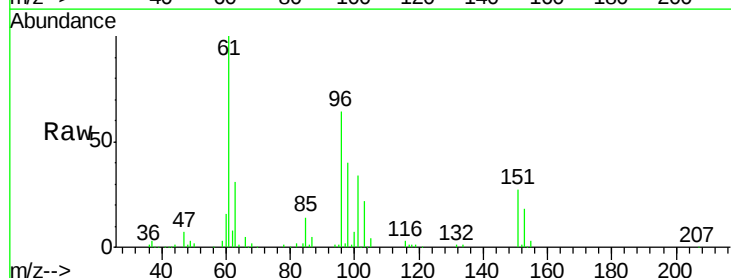
MMDadoda
 8/18/2020 11:13:09 AM

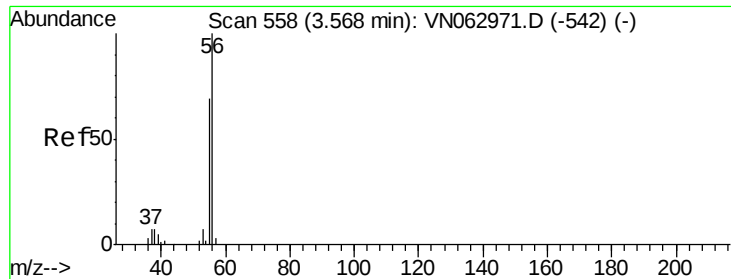


#12

1,1-Dichloroethene
 Concen: 45.377 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.9	120.4	180.6
98	62.4	49.8	74.6





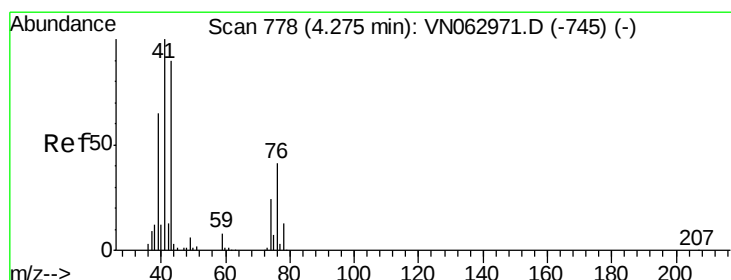
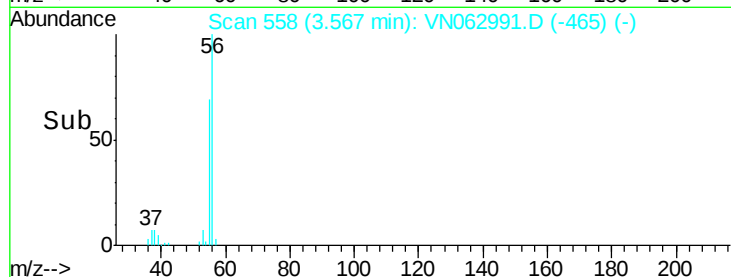
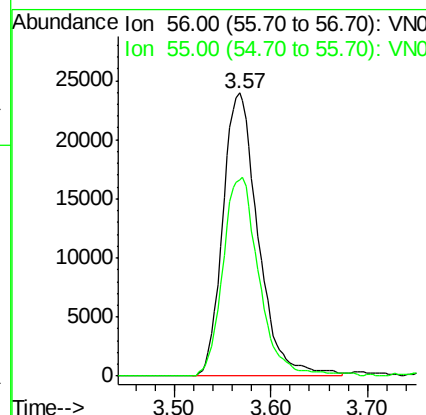
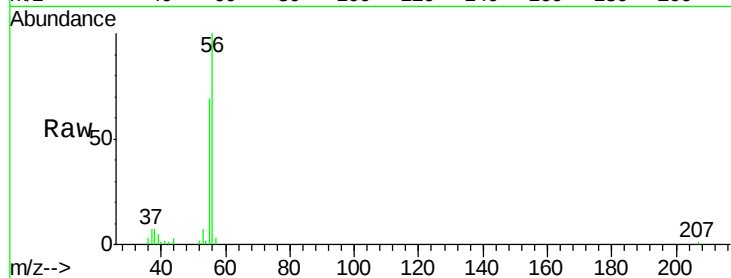
#13
Acrolein
Concen: 203.527 ug/l
RT: 3.57 min Scan# 558
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	60814
Ion Ratio	100	Lower	Upper
56	100		
55	71.8	56.1	84.1

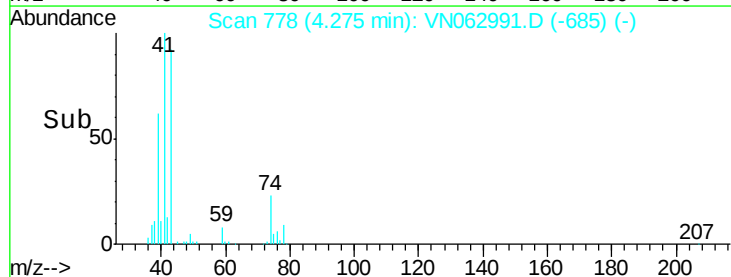
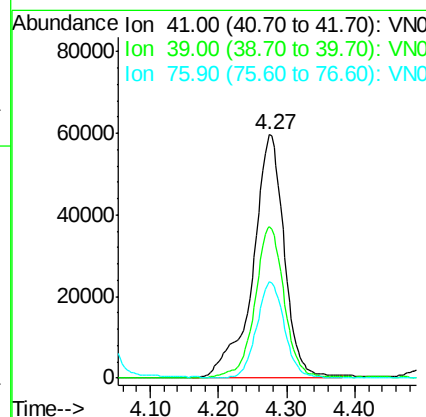
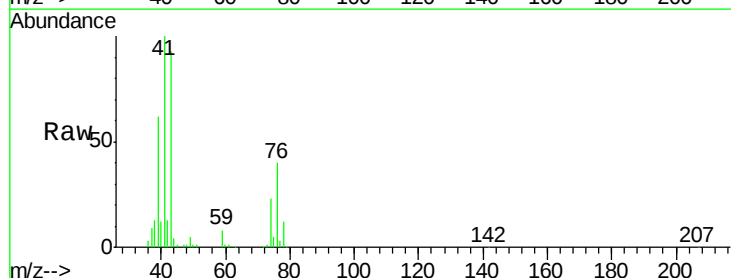
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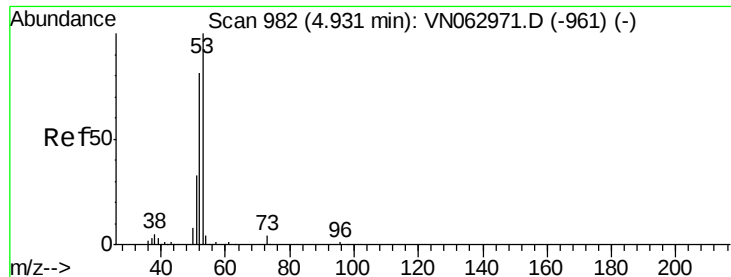
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#14
Allyl chloride
Concen: 52.415 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	41	Resp	191267
Ion Ratio	100	Lower	Upper
41	100		
39	57.8	46.7	70.1
76	34.9	30.2	45.4





#15

Acrylonitrile

Concen: 276.306 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

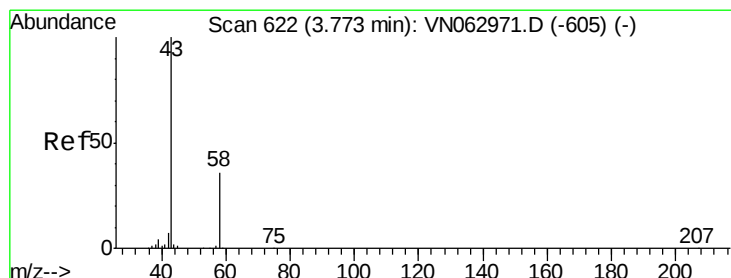
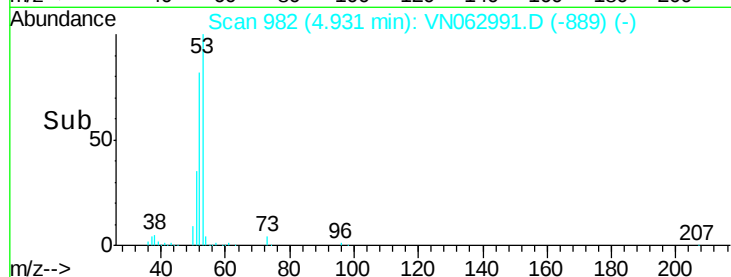
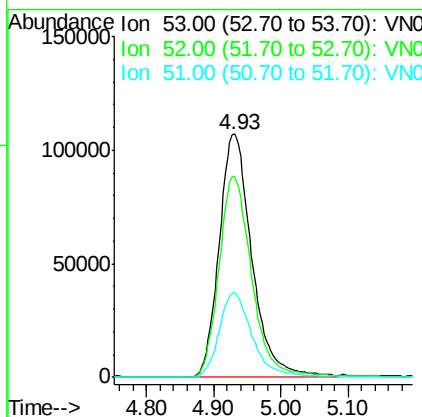
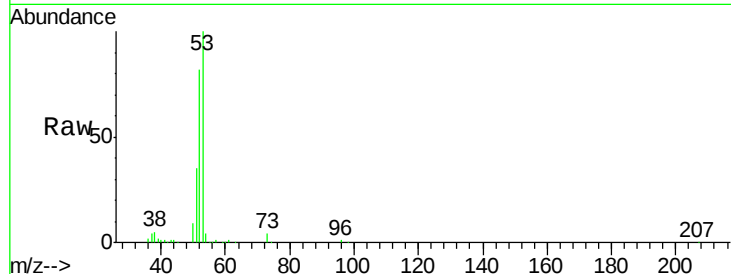
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	362904
Ion Ratio		Lower	Upper
53	100		
52	82.6	65.0	97.6
51	35.2	27.4	41.2

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#16

Acetone

Concen: 241.108 ug/l

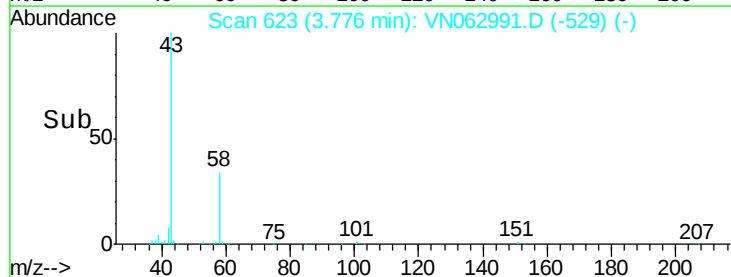
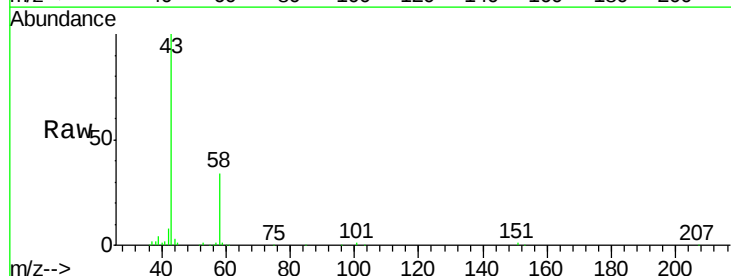
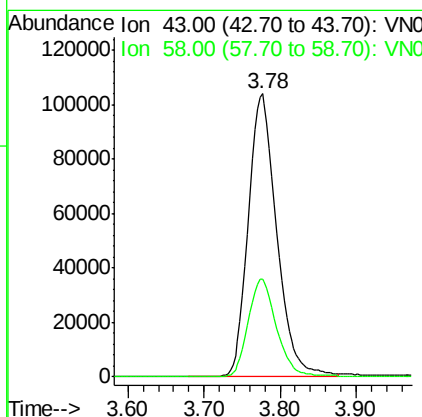
RT: 3.78 min Scan# 623

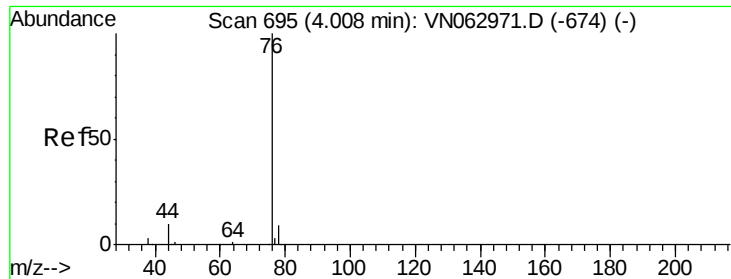
Delta R.T. 0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Tgt Ion:	43	Resp:	272078
Ion Ratio		Lower	Upper
43	100		
58	34.5	28.7	43.1





#17

Carbon Disulfide

Concen: 44.113 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 299164

Ion Ratio Lower Upper

76 100

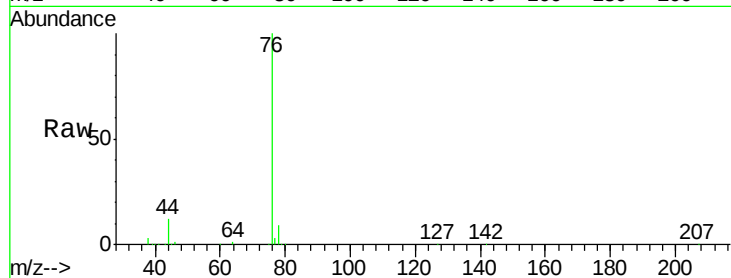
78 9.0 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

120000

100000

80000

60000

40000

20000

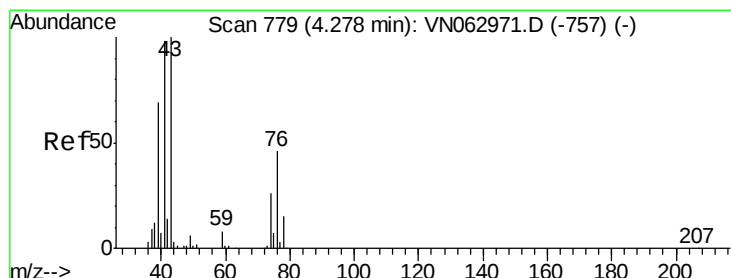
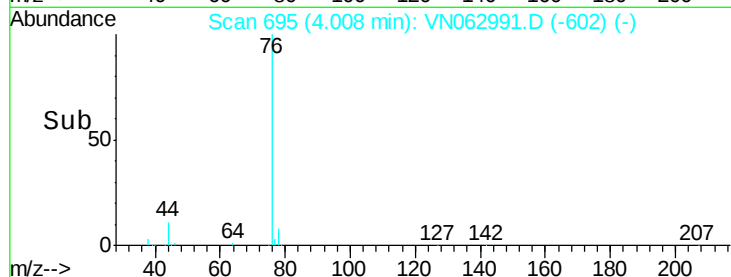
0

3.90

4.00

4.10

Time-->



#18

Methyl Acetate

Concen: 62.733 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062991.D

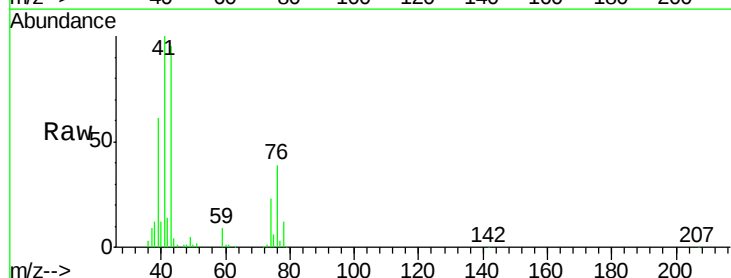
Acq: 18 Aug 2020 00:21

Tgt Ion: 43 Resp: 163498

Ion Ratio Lower Upper

43 100

74 24.5 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

60000

50000

40000

30000

20000

10000

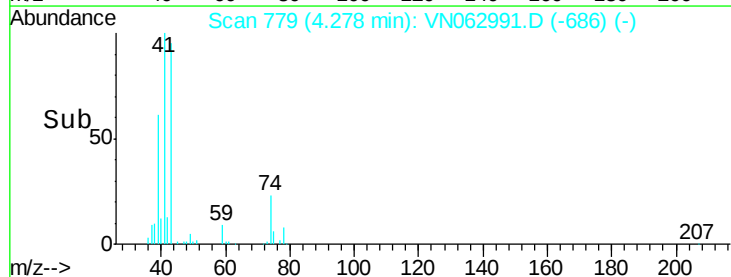
0

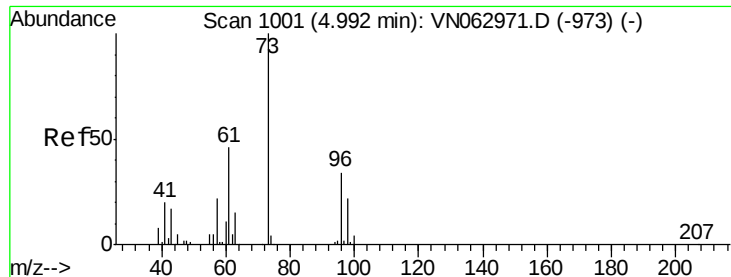
4.20

4.30

4.40

Time-->





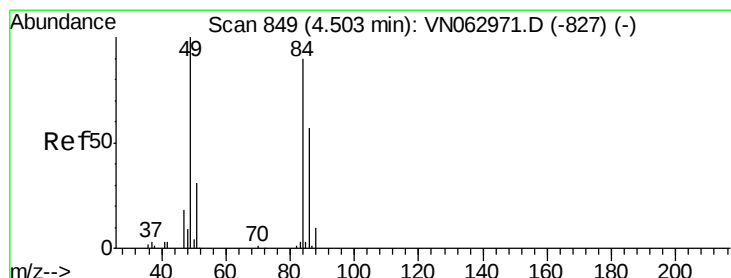
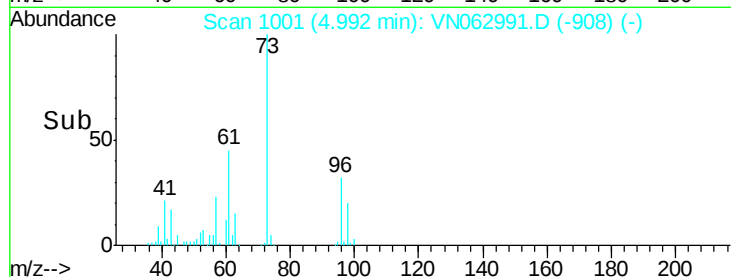
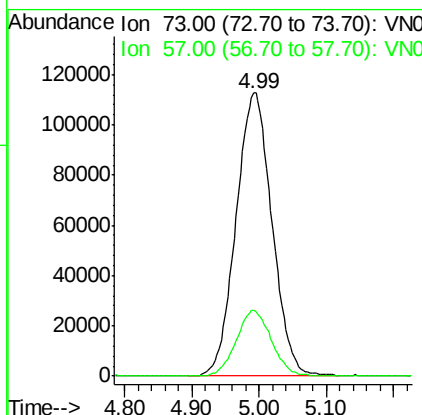
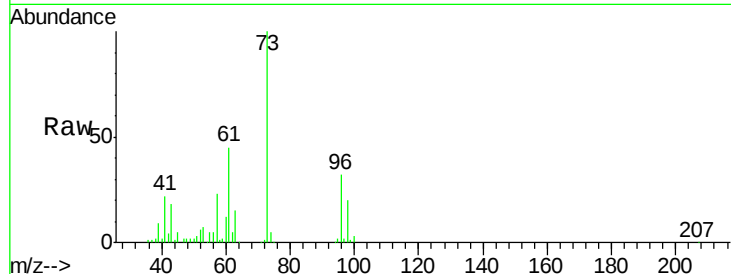
#19
Methvl tert-butvl Ether
Concen: 54.247 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 418784
Ion Ratio Lower Upper
73 100
57 23.4 17.6 26.4

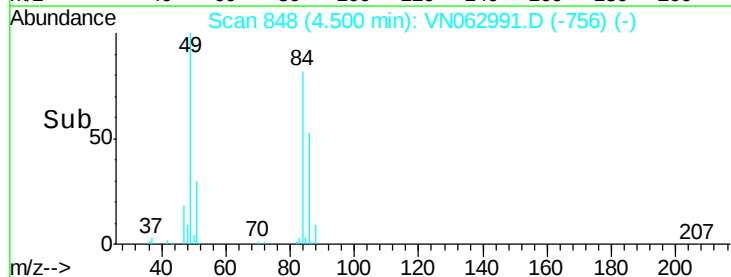
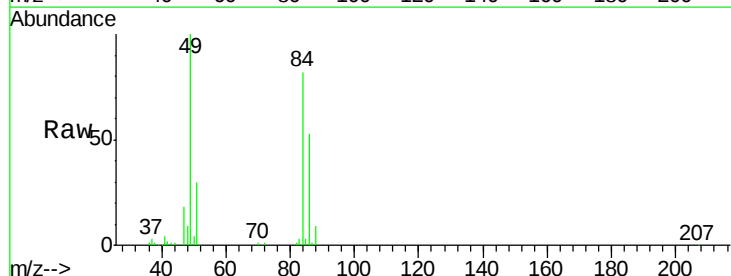
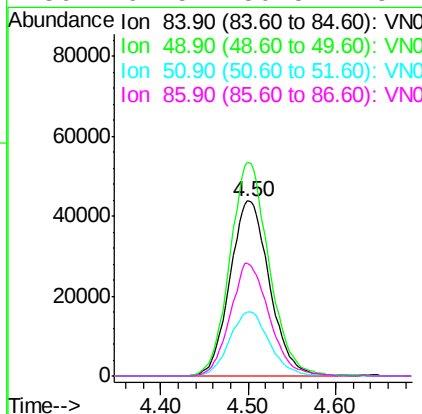
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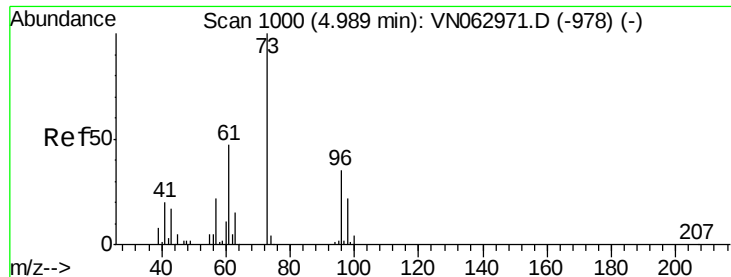
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#20
Methylene Chloride
Concen: 50.546 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion: 84 Resp: 137871
Ion Ratio Lower Upper
84 100
49 122.1 88.8 133.2
51 36.7 27.1 40.7
86 64.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 47.516 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

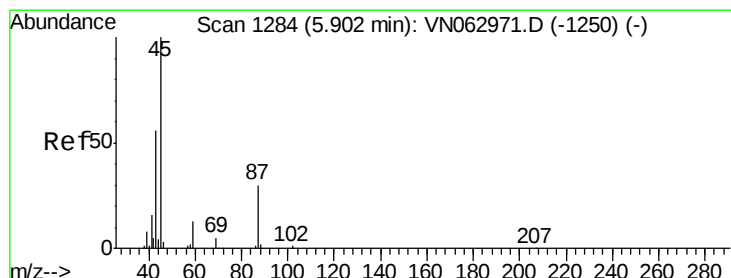
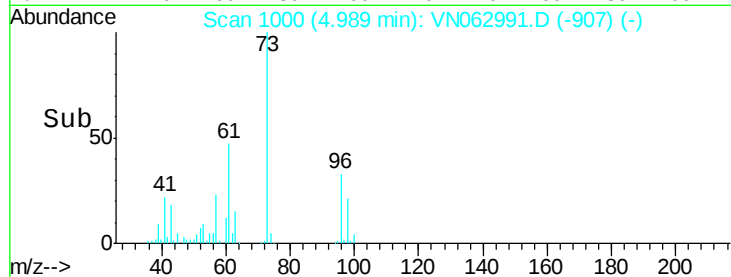
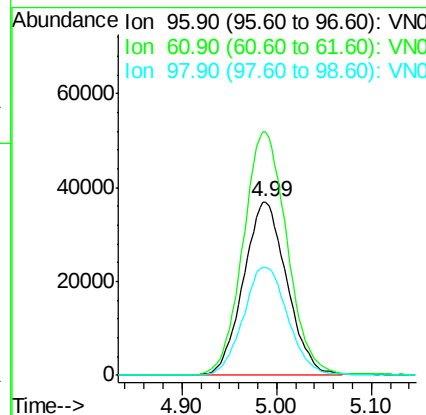
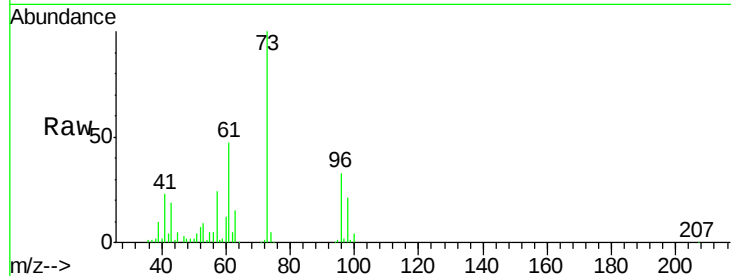
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	117626
Ion	Ratio	Lower	Upper
96	100		
61	140.2	107.7	161.5
98	62.0	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 61.519 ug/l

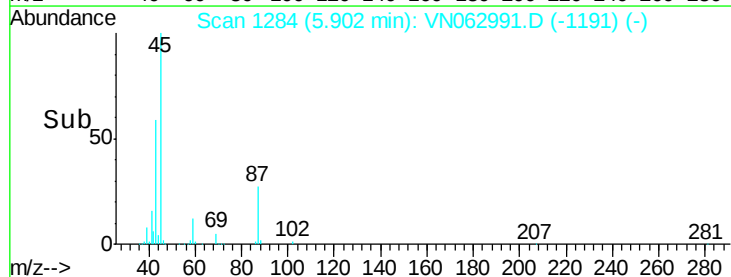
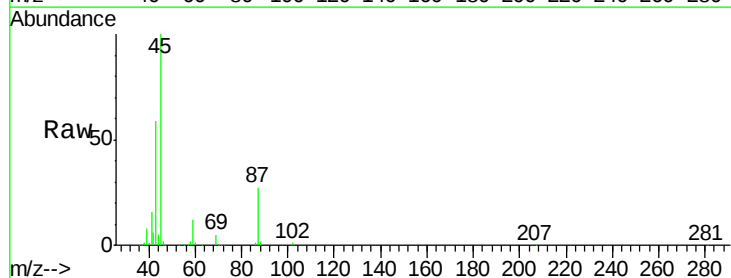
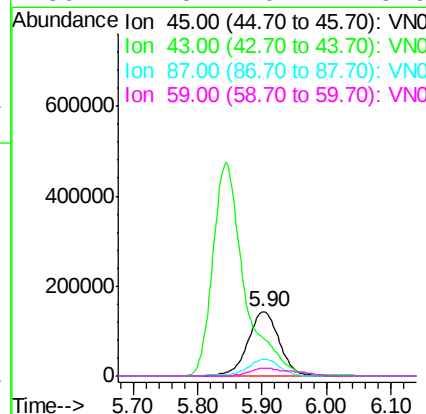
RT: 5.90 min Scan# 1284

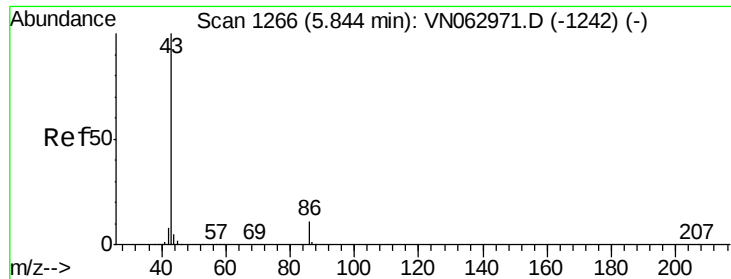
Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Tgt Ion:	45	Resp:	485075
Ion	Ratio	Lower	Upper
45	100		
43	58.0	47.1	70.7
87	26.6	24.3	36.5
59	11.8	10.4	15.6





#23

Vinyl Acetate

Concen: 291.603 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 1620700

Ion Ratio Lower Upper

43 100

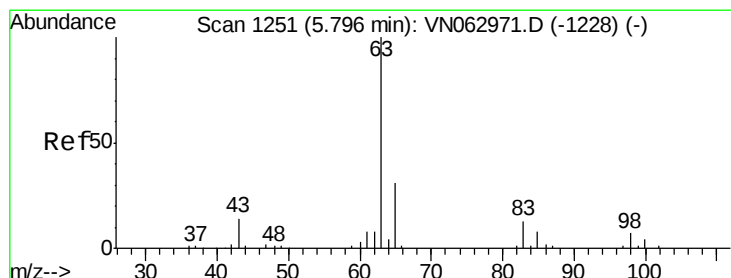
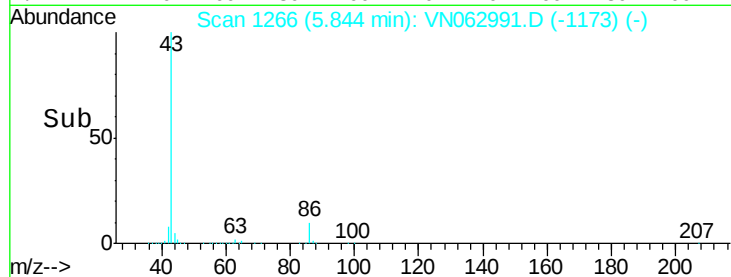
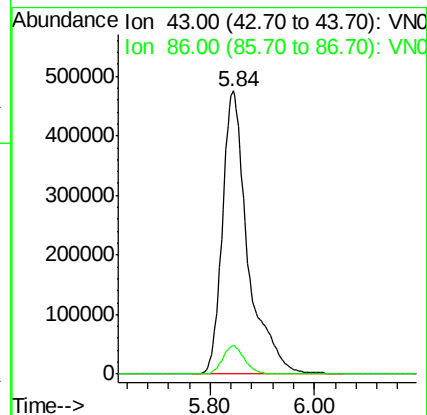
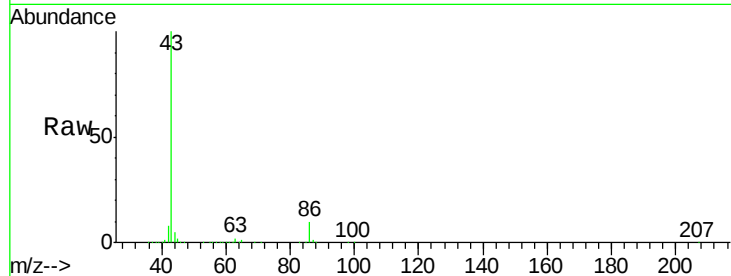
86 10.1 9.1 13.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.659 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

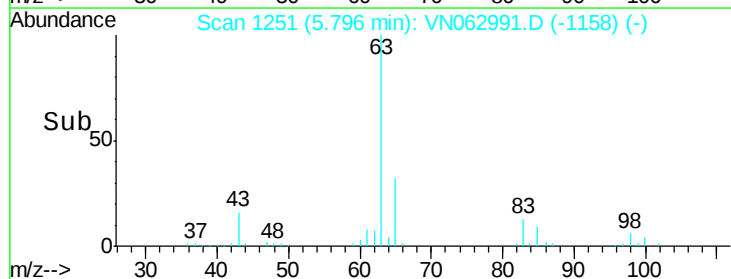
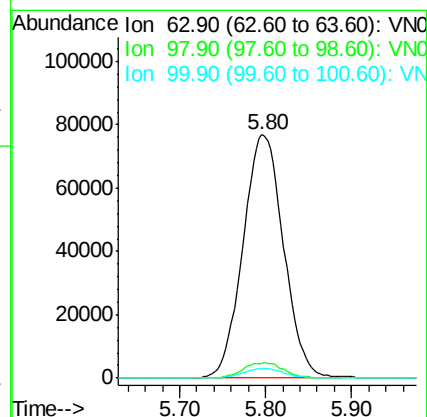
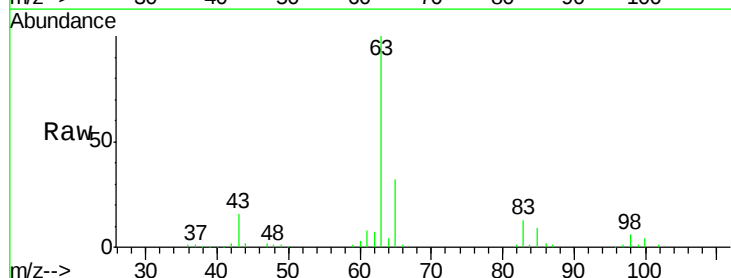
Tgt Ion: 63 Resp: 251987

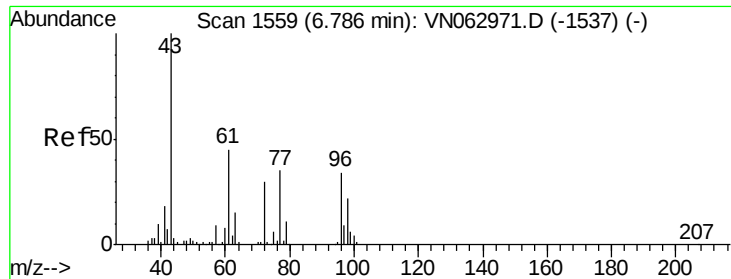
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 3.9 2.0 6.0





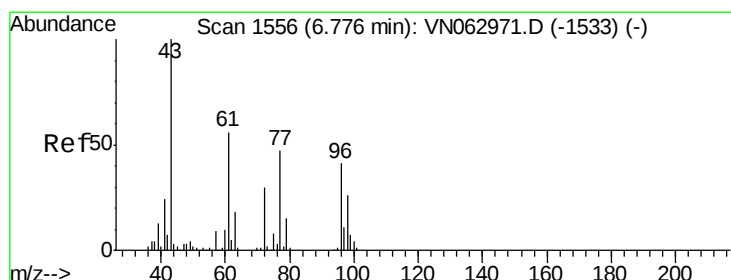
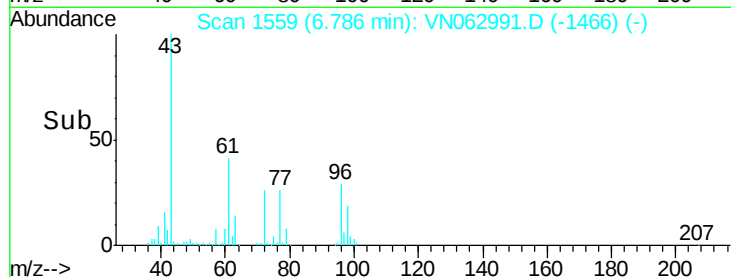
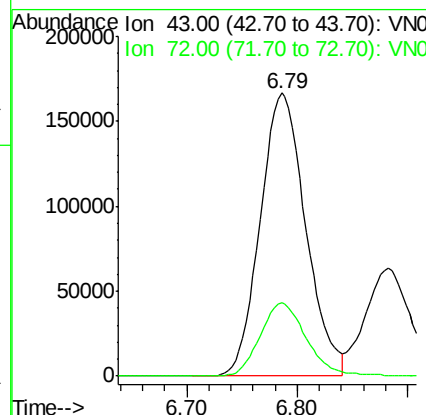
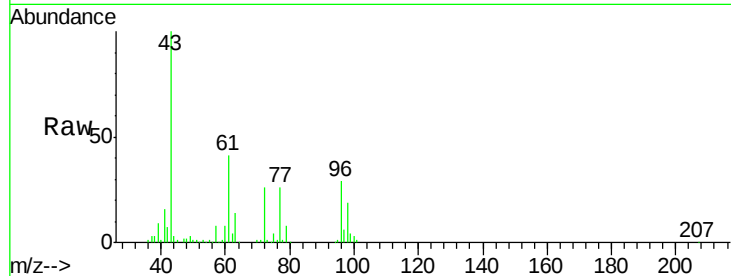
#25
2-Butanone
Concen: 291.741 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 474474
Ion Ratio Lower Upper
43 100
72 26.0 23.9 35.9

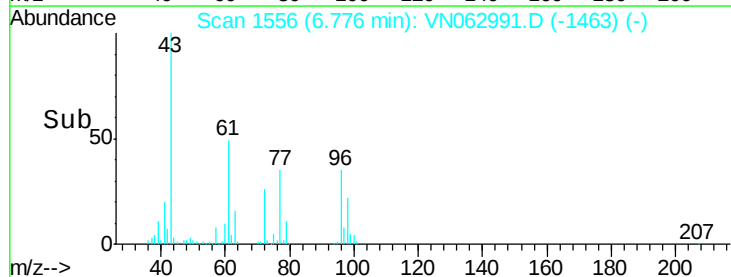
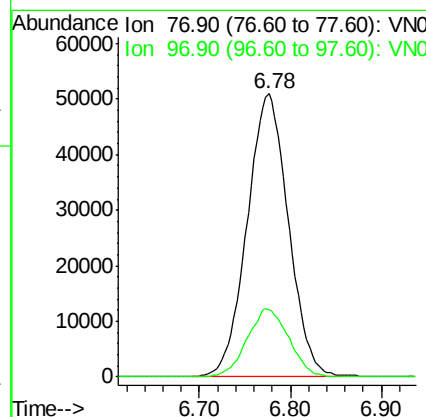
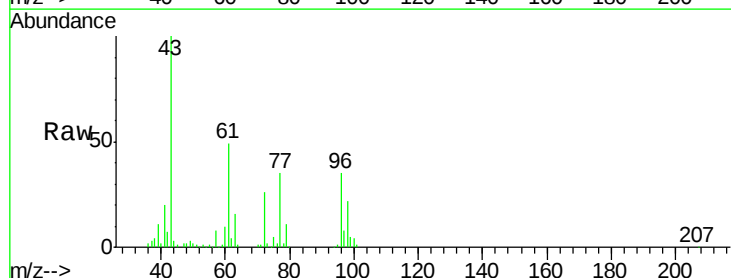
Manual Integrations
APPROVED

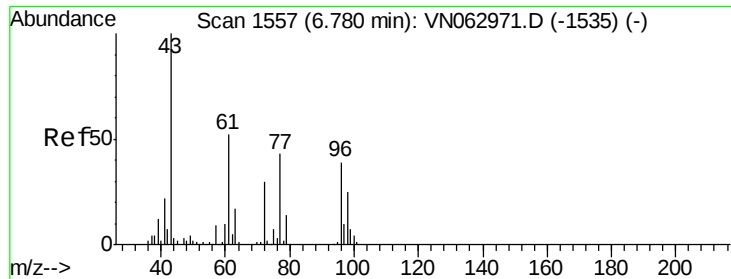
MMDadoda
8/18/2020 11:13:09 AM



#26
2,2-Dichloropropane
Concen: 42.100 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion: 77 Resp: 160432
Ion Ratio Lower Upper
77 100
97 24.4 12.0 36.1





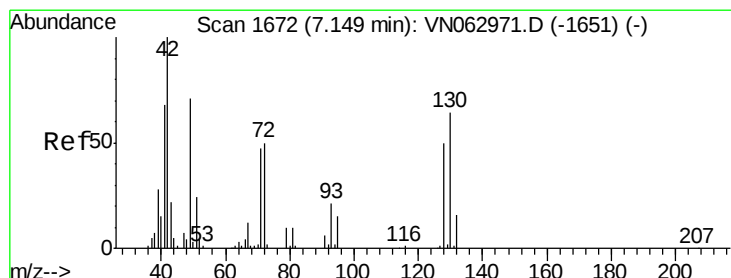
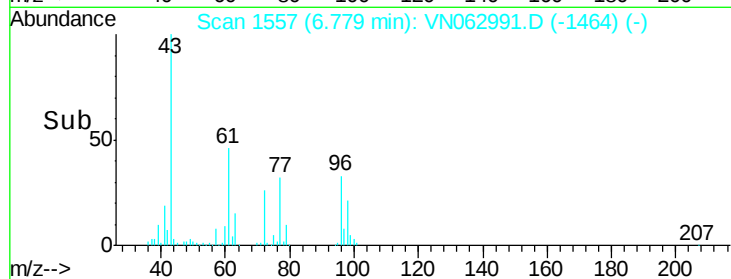
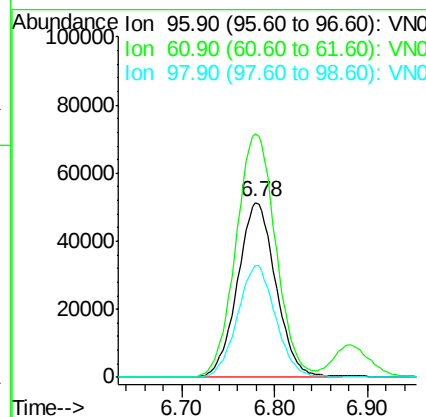
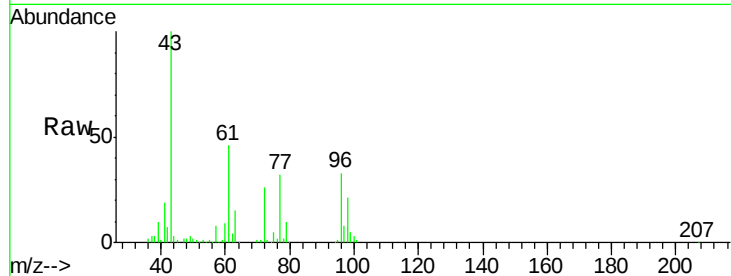
#27
 cis-1,2-Dichloroethene
 Concen: 50.124 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	147211		
61	144.5	0.0	270.4	
98	64.1	0.0	128.2	

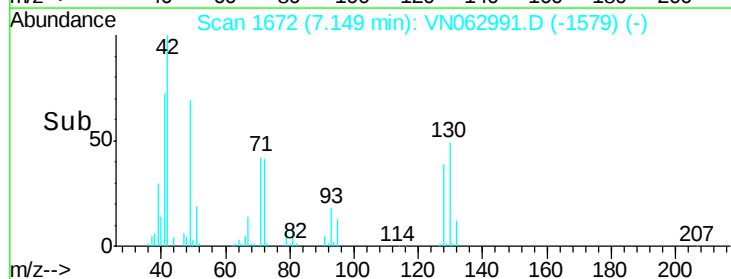
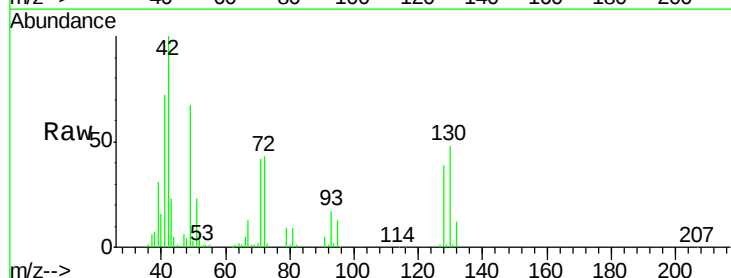
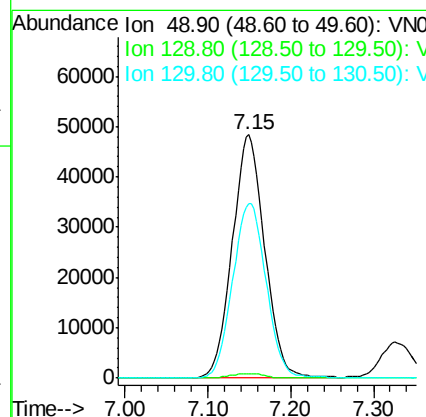
Manual Integrations
 APPROVED

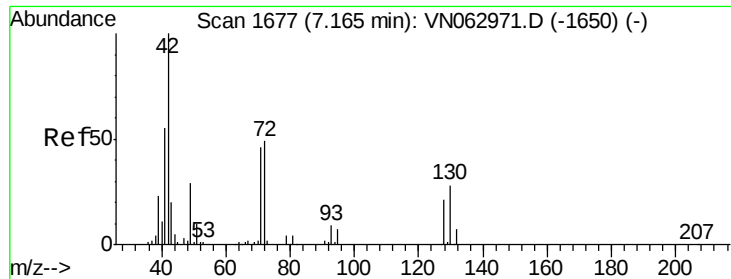
MMDadoda
 8/18/2020 11:13:09 AM



#28
 Bromochloromethane
 Concen: 59.326 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	131850		
129	1.8	0.0	4.2	
130	73.9	73.5	110.3	





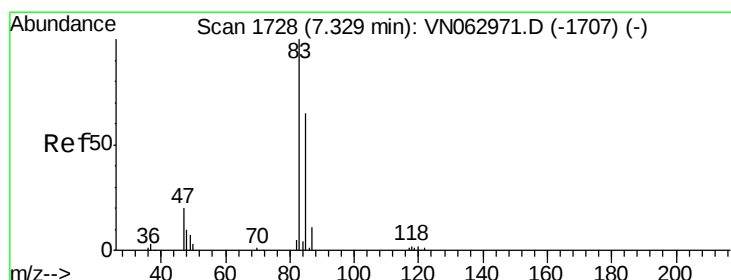
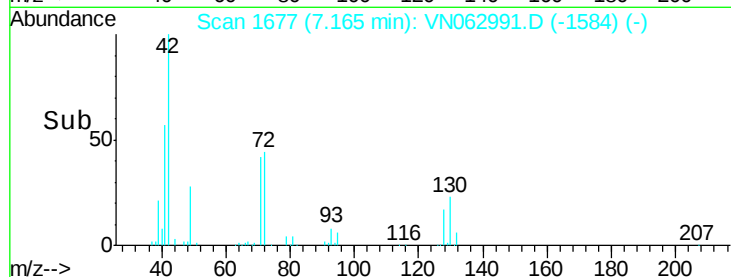
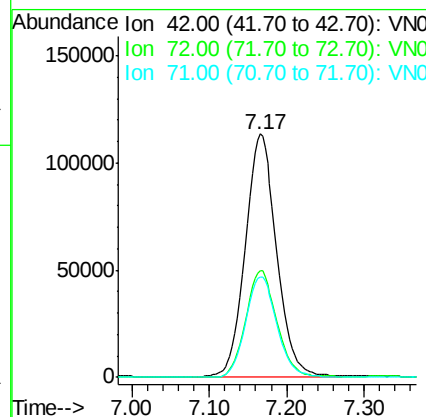
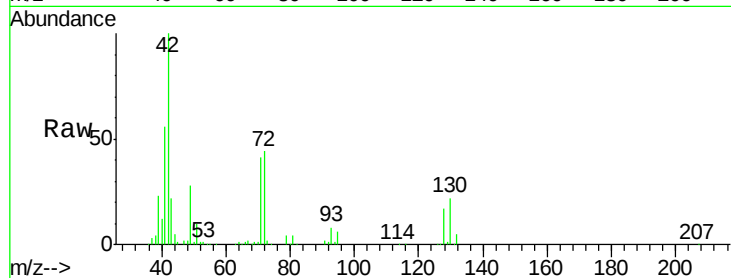
#29
Tetrahydrofuran
Concen: 322.492 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	39.4	59.2
71	41.6	37.2	55.8

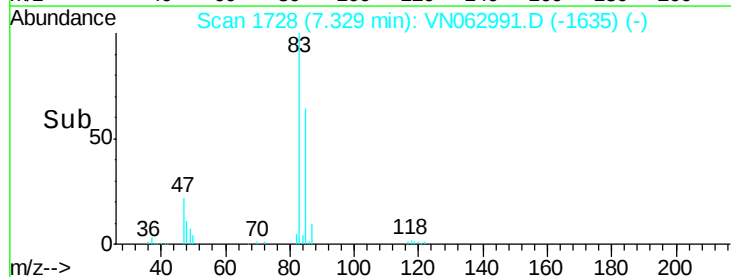
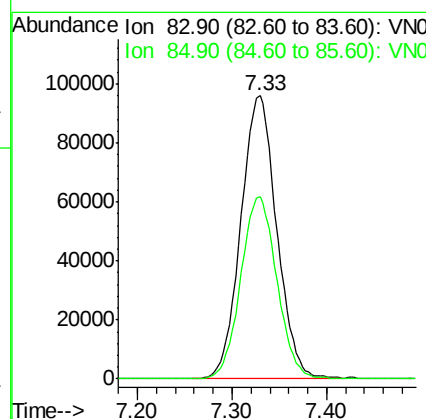
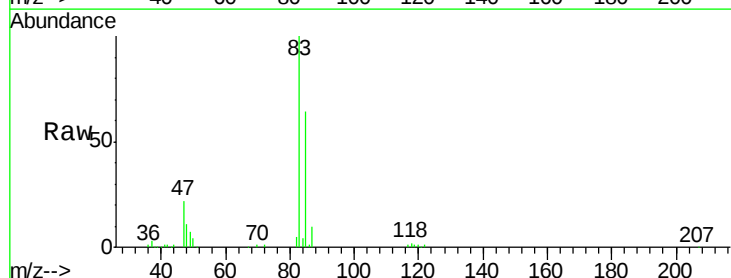
Manual Integrations
APPROVED

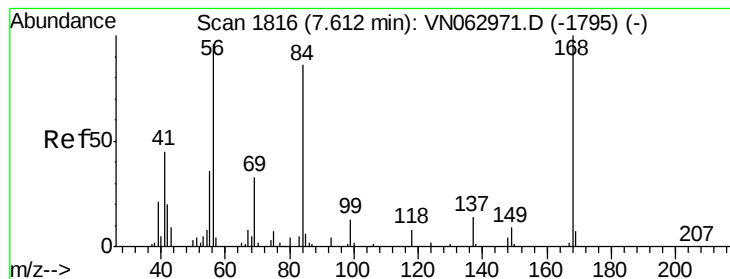
MMDadoda
8/18/2020 11:13:09 AM



#30
Chloroform
Concen: 52.605 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.4





#31

Cvclohexane

Concen: 54.048 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 242970

Ion Ratio Lower Upper

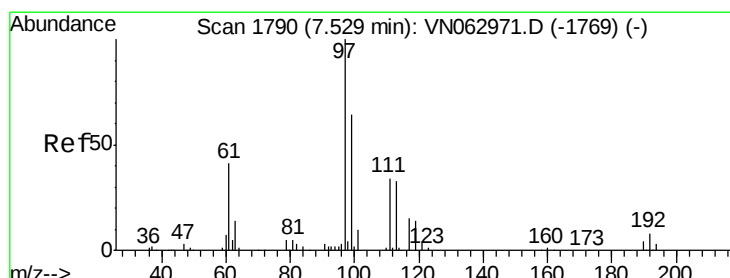
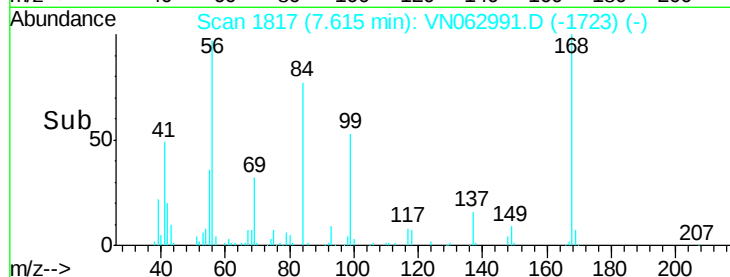
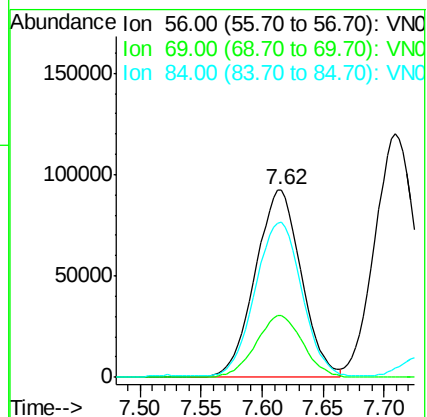
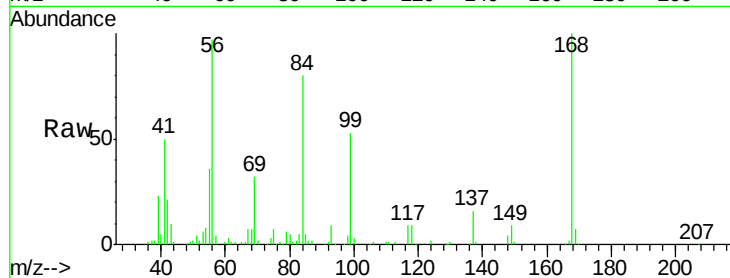
56 100

69 32.8 27.4 41.2

84 81.6 71.3 106.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.701 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

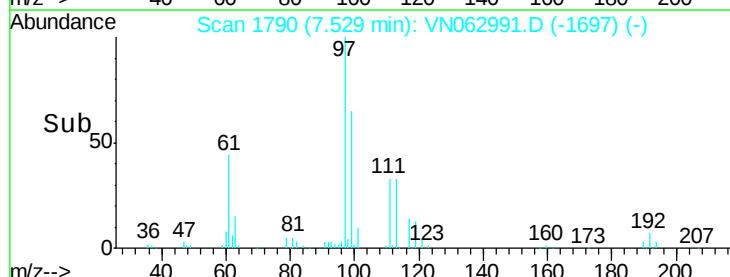
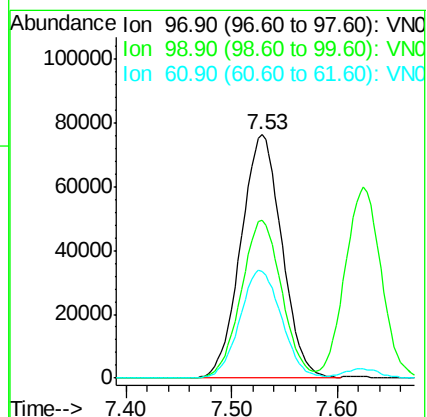
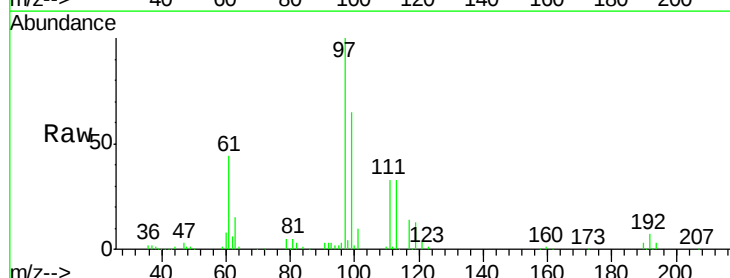
Tgt Ion: 97 Resp: 206305

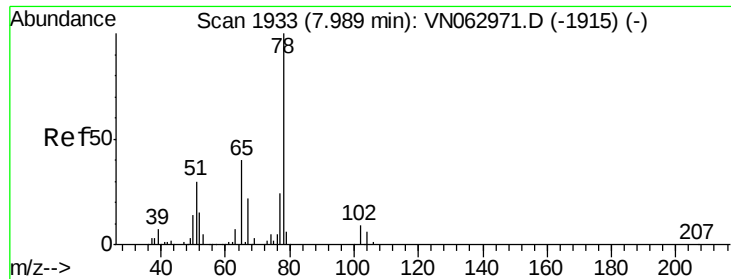
Ion Ratio Lower Upper

97 100

99 64.2 52.2 78.4

61 44.9 33.5 50.3





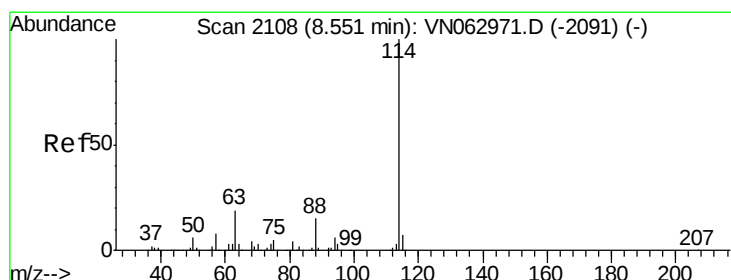
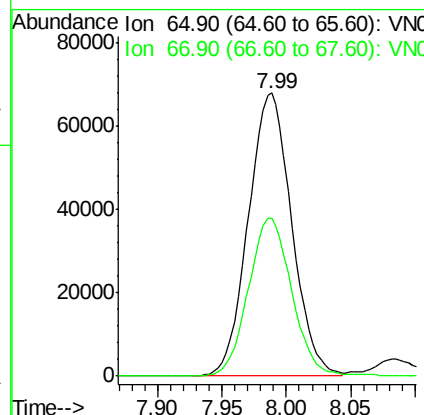
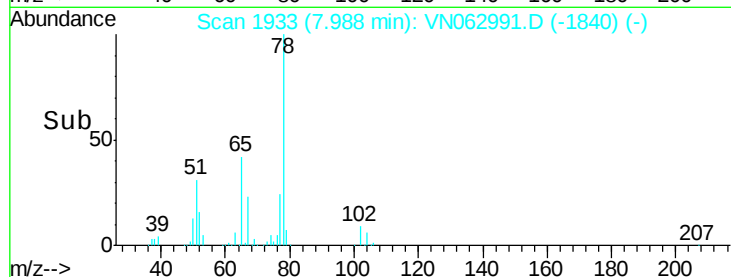
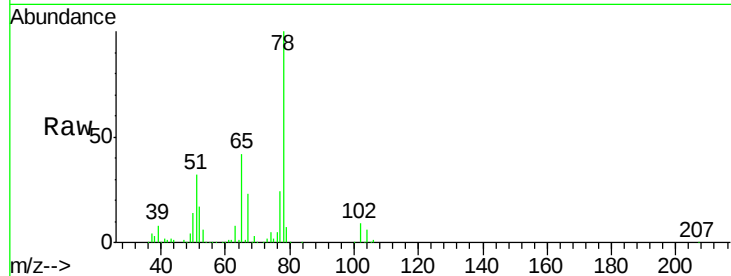
#33
 1,2-Dichloroethane-d4
 Concen: 54.450 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.5	0.0	108.6	

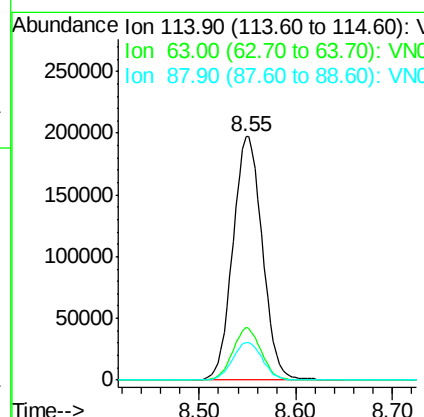
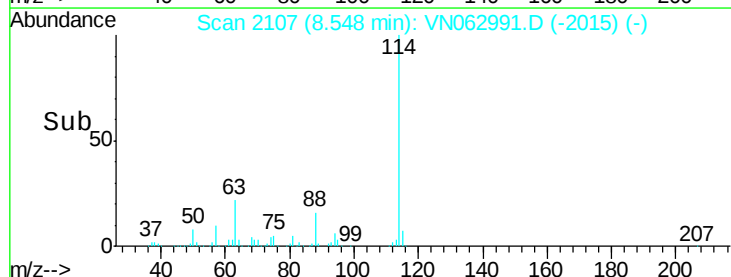
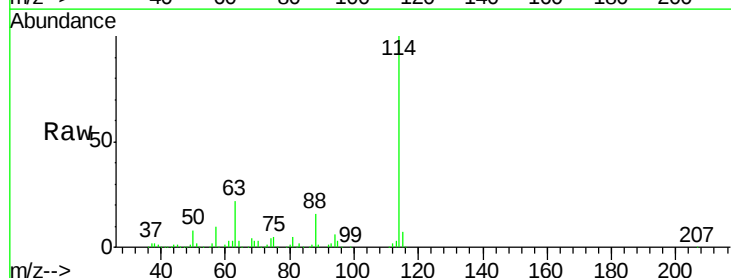
Manual Integrations
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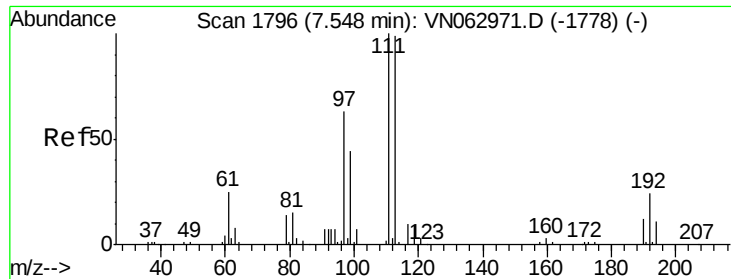
MMDadoda
 8/18/2020 11:13:09 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.5	0.0	37.6	
88	15.6	0.0	31.0	





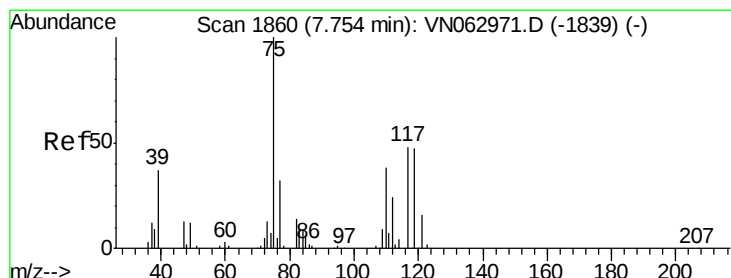
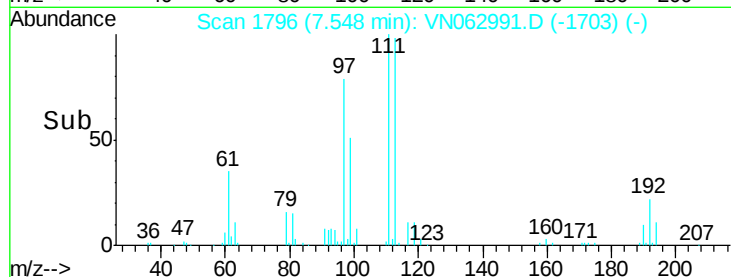
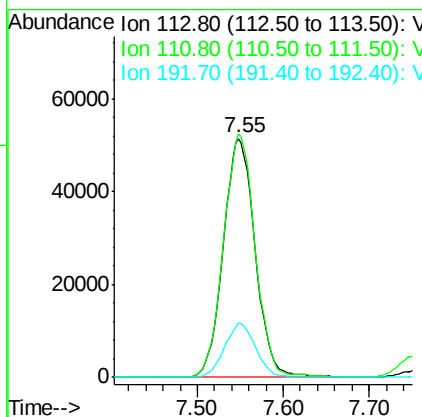
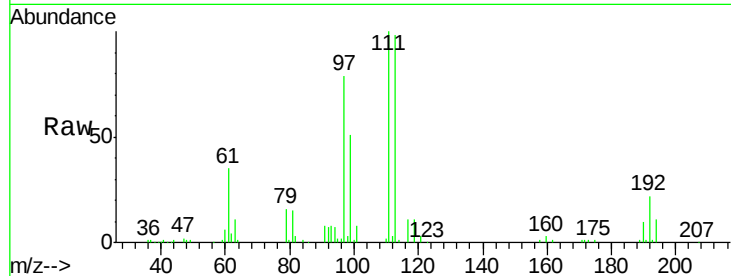
#35
 Dibromofluoromethane
 Concen: 48.580 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	132116		
111	100.4	81.4	122.0	
192	22.0	19.2	28.8	

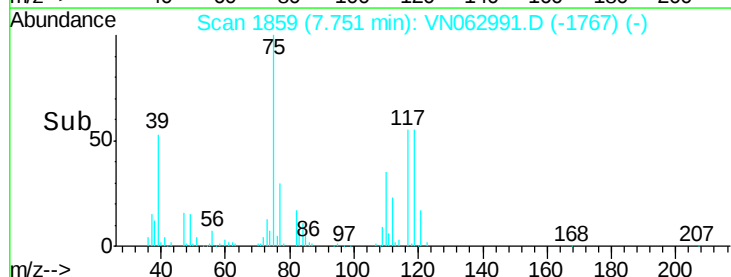
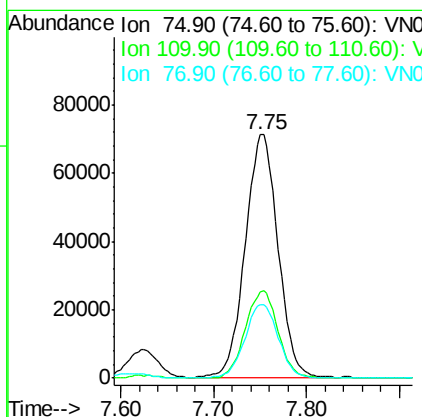
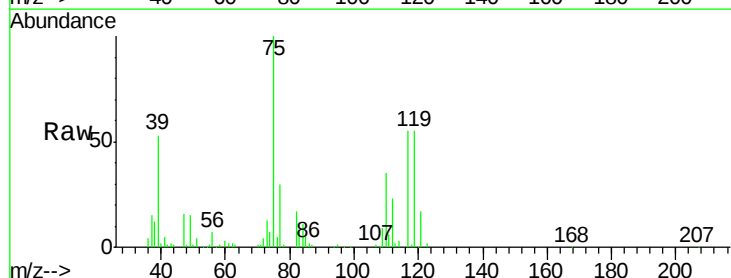
Manual Integrations
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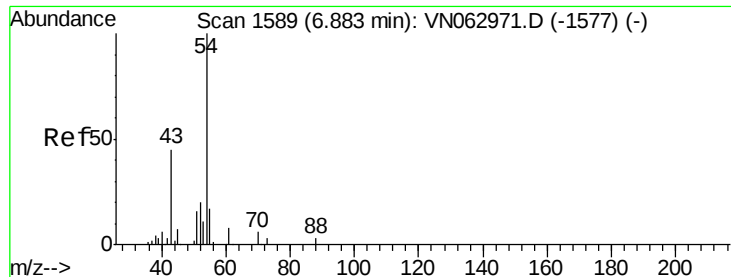
MMDadoda
 8/18/2020 11:13:09 AM



#36
 1,1-Dichloropropene
 Concen: 48.671 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	174326		
110	35.8	18.7	56.1	
77	31.1	25.6	38.4	





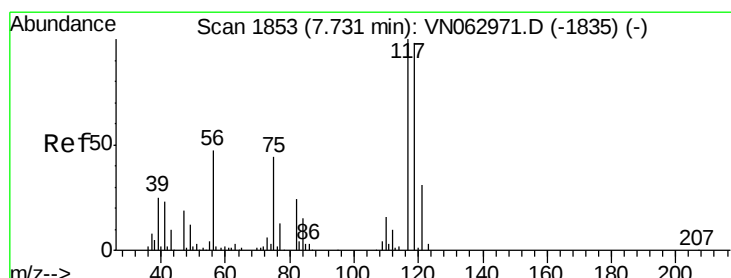
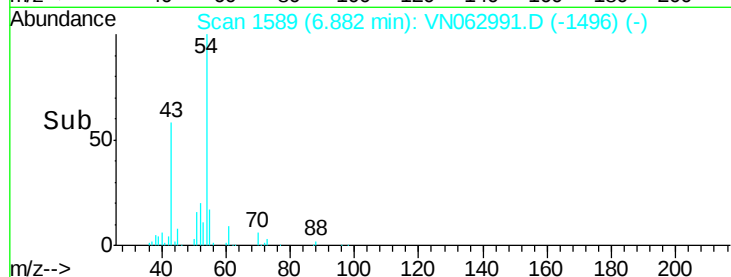
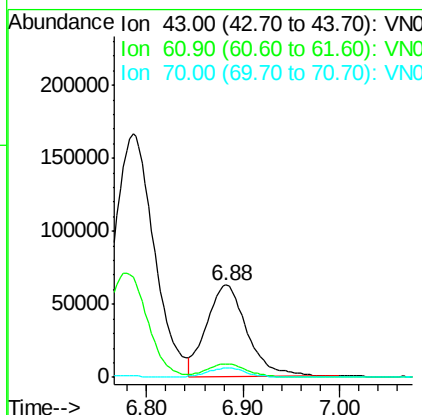
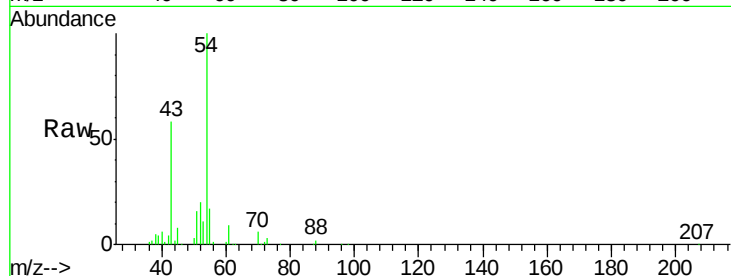
#37
Ethyl Acetate
Concen: 55.956 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.4	18.6
70	10.0	9.9	14.9

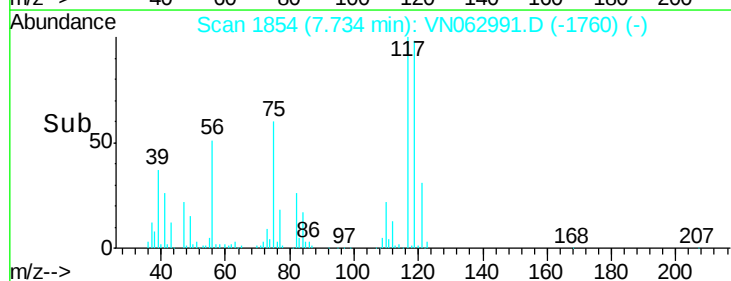
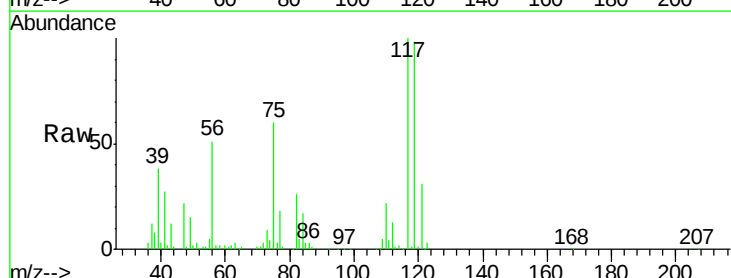
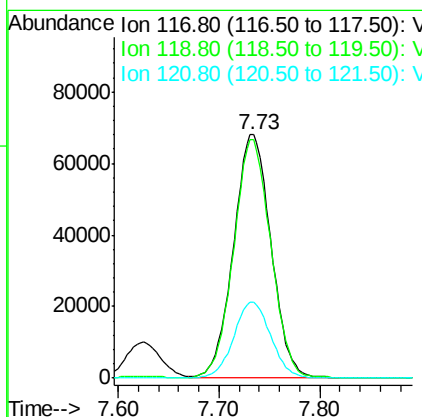
Manual Integrations
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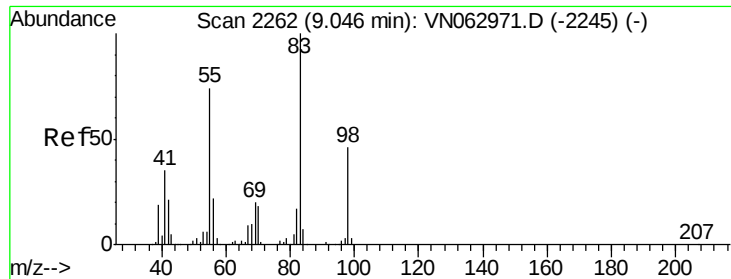
MMDadoda
8/18/2020 11:13:09 AM



#38
Carbon Tetrachloride
Concen: 46.097 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.9	116.9
121	31.4	24.8	37.2





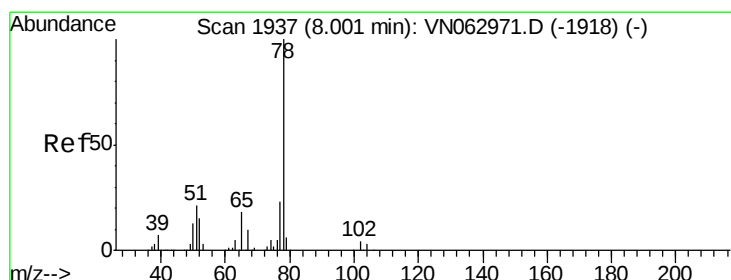
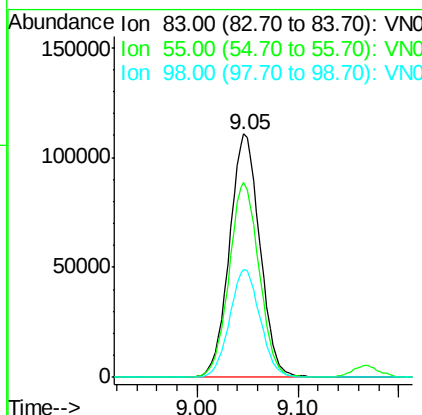
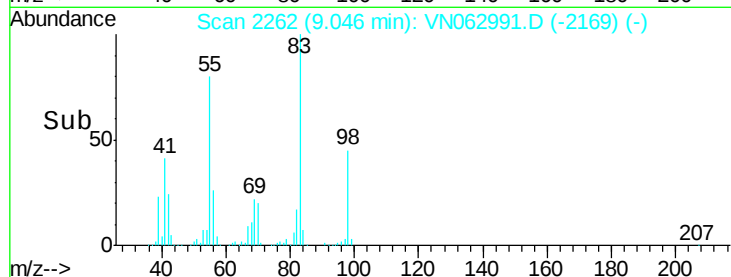
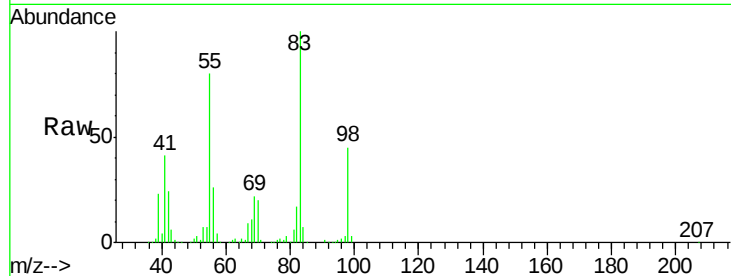
#39
Methvlcvclohexane
Concen: 48.710 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	231533
Ion	Ratio	Lower	Upper
83	100		
55	80.1	59.0	88.6
98	44.6	36.8	55.2

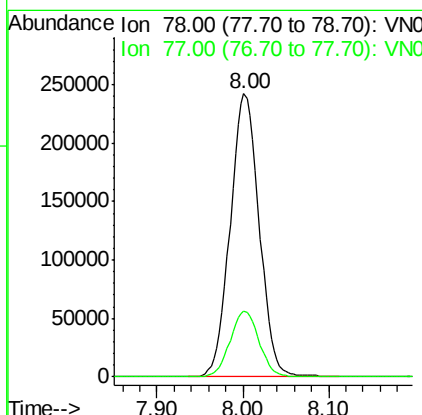
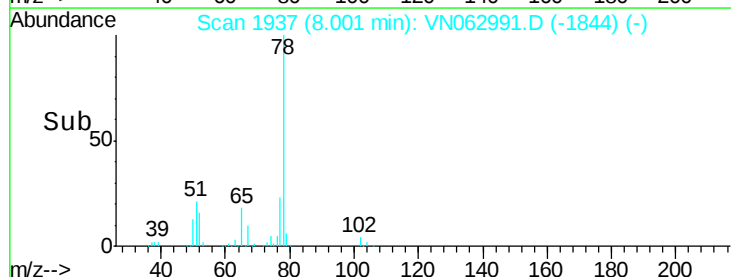
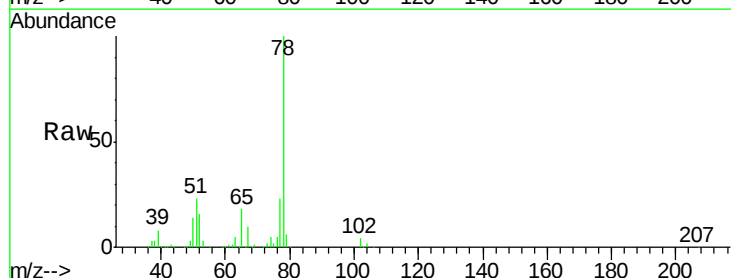
Manual Integrations
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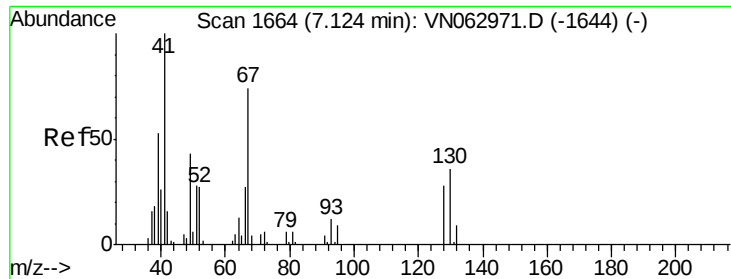
MMDadoda
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#40
Benzene
Concen: 49.990 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	78	Resp	566354
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





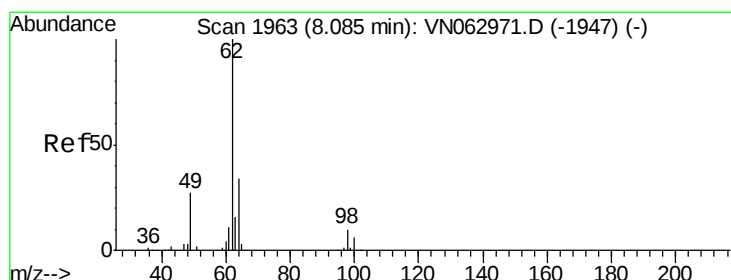
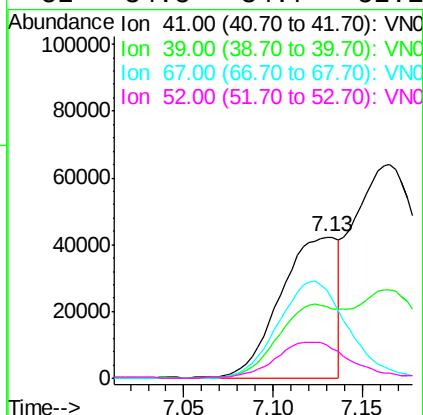
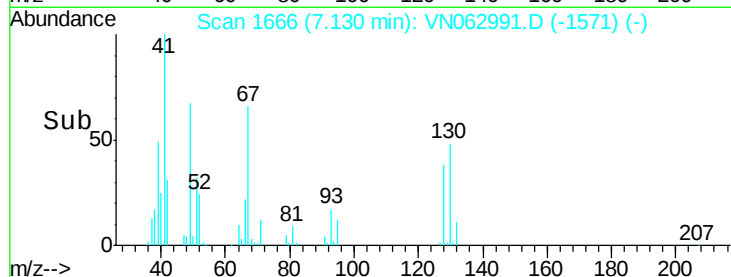
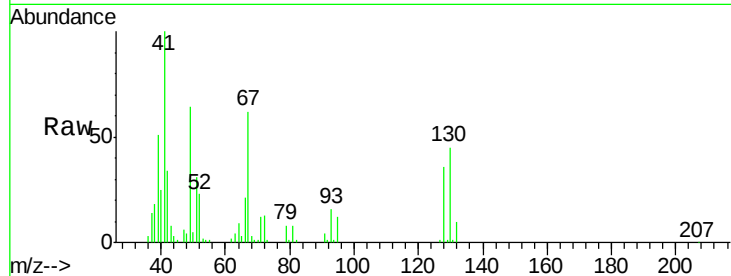
#41
Methacrylonitrile
Concen: 58.460 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.3	58.6	88.0#
67	84.8	90.1	135.1#
52	34.8	34.7	52.1

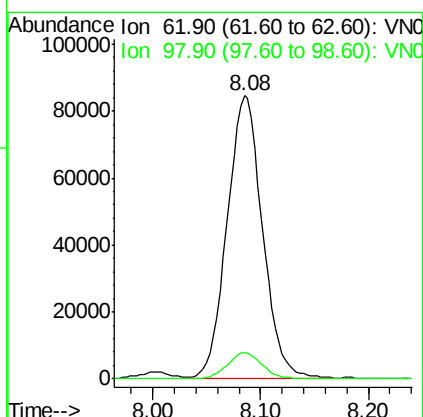
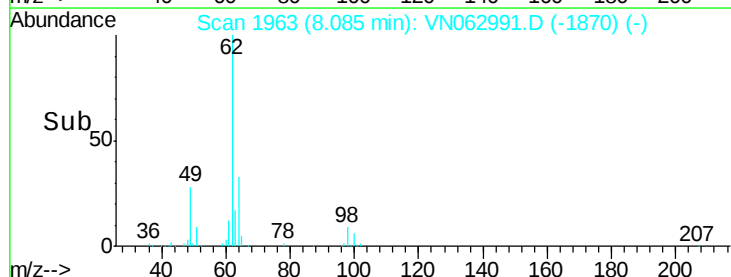
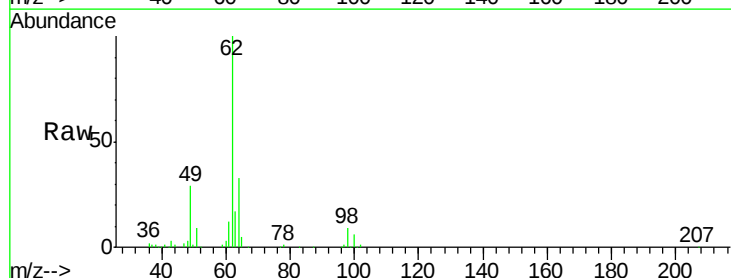
Manual Integrations
APPROVED

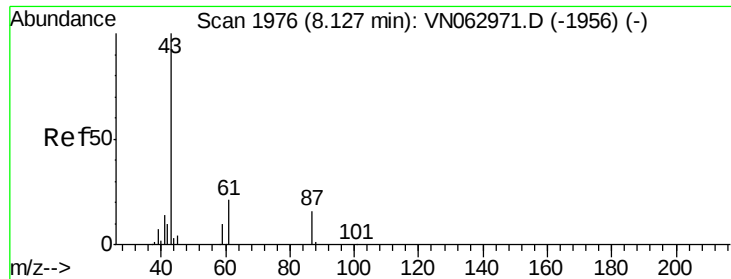
MMDadoda
8/18/2020 11:13:09 AM



#42
1,2-Dichloroethane
Concen: 51.712 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.8





#43

Isopropyl Acetate

Concen: 56.293 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

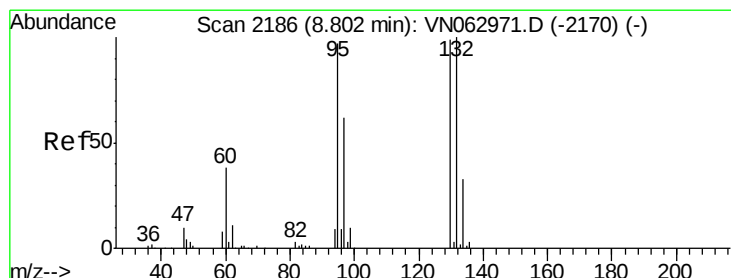
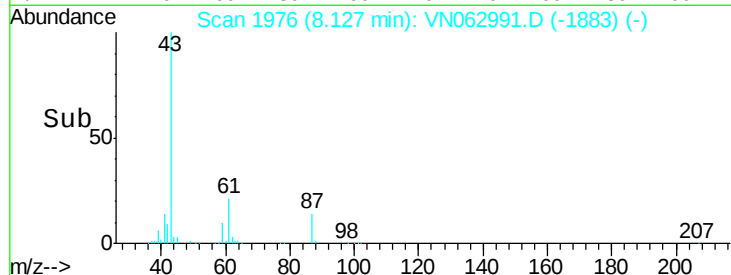
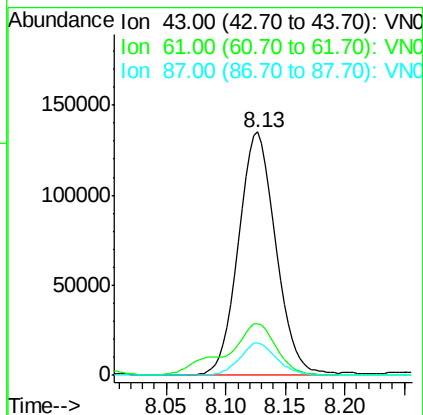
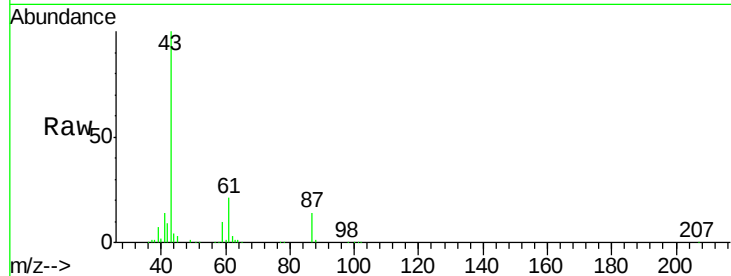
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	292652
Ion Ratio	Lower	Upper	
43	100		
61	21.7	24.6	36.8#
87	13.3	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 45.153 ug/l

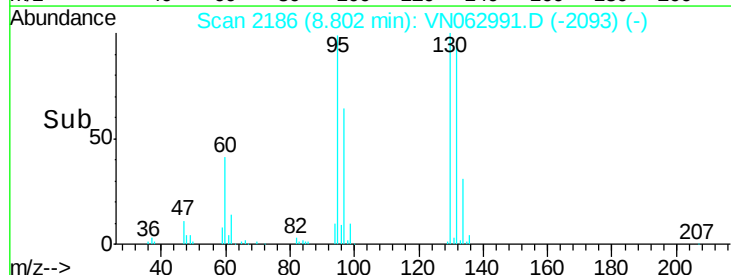
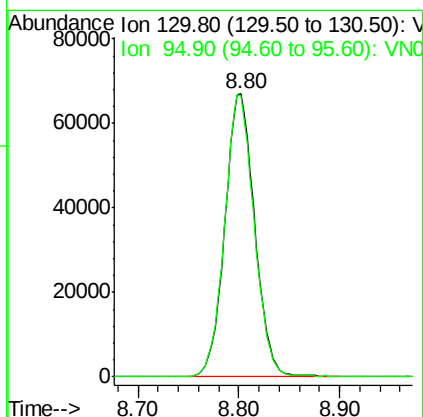
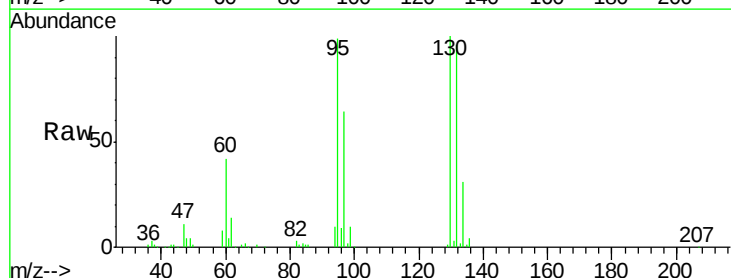
RT: 8.80 min Scan# 2186

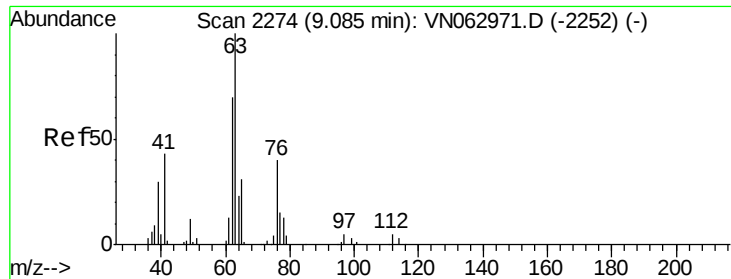
Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Tgt Ion:	130	Resp:	137919
Ion Ratio	Lower	Upper	
130	100		
95	99.0	0.0	194.2





#45

1,2-Dichloropropane

Concen: 51.106 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 161322

Ion Ratio Lower Upper

63 100

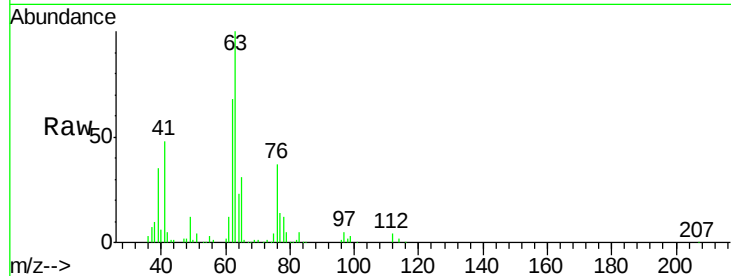
65 30.9 24.7 37.1

Manual Integrations

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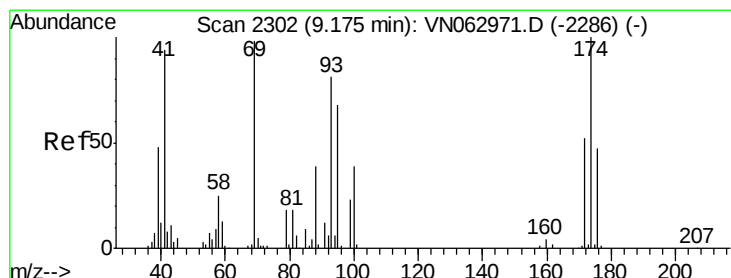
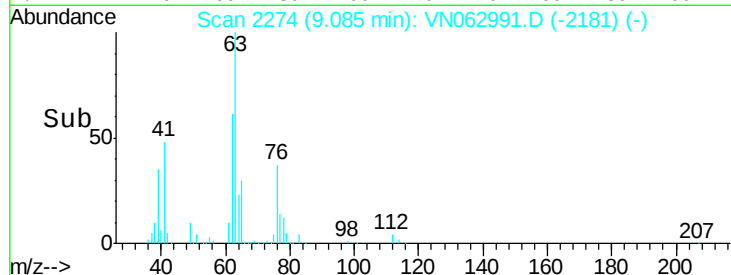
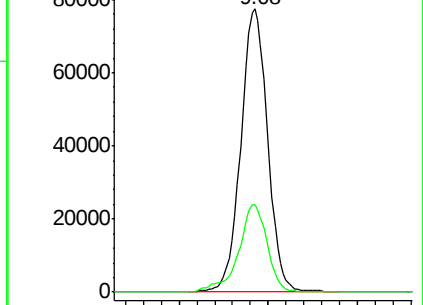
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 49.177 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

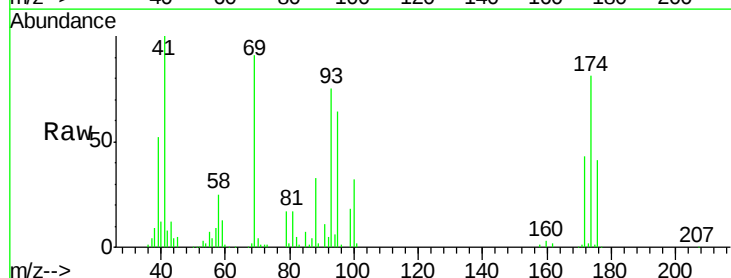
Tgt Ion: 93 Resp: 96648

Ion Ratio Lower Upper

93 100

95 85.2 66.6 99.8

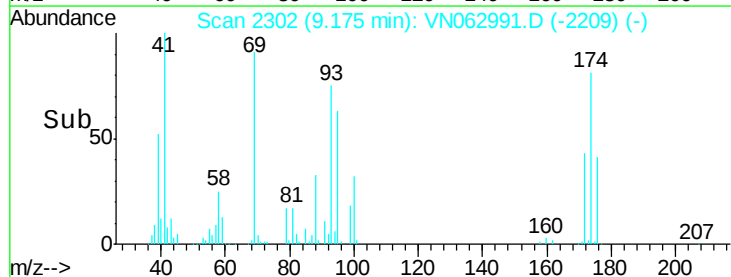
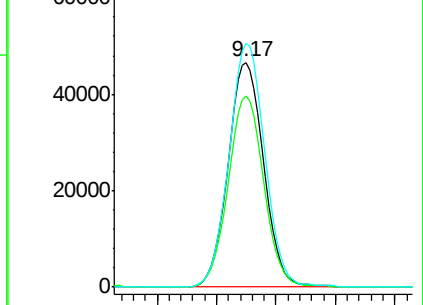
174 109.0 96.6 145.0

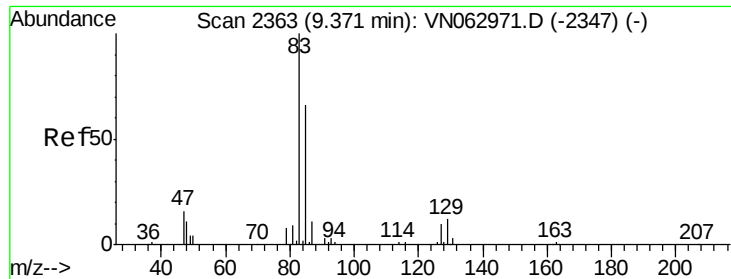


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





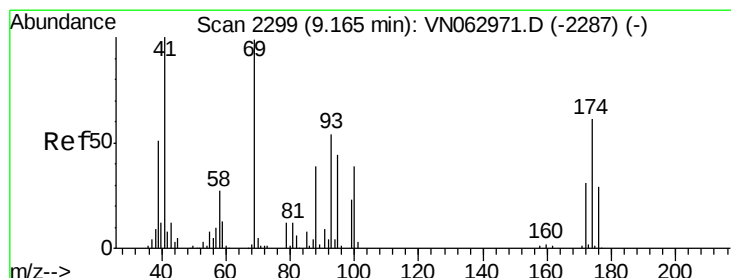
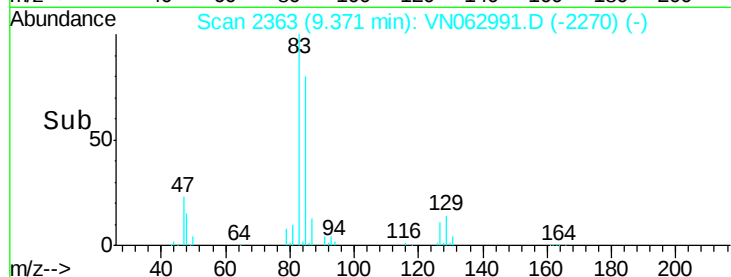
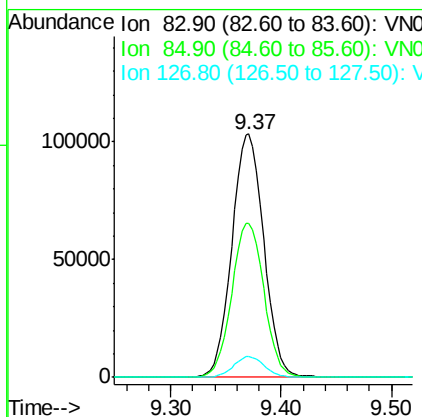
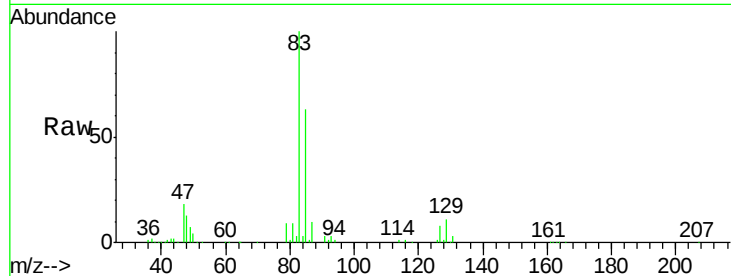
#47
Bromodichloromethane
Concen: 52.046 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.4	78.6
127	8.5	7.8	11.6

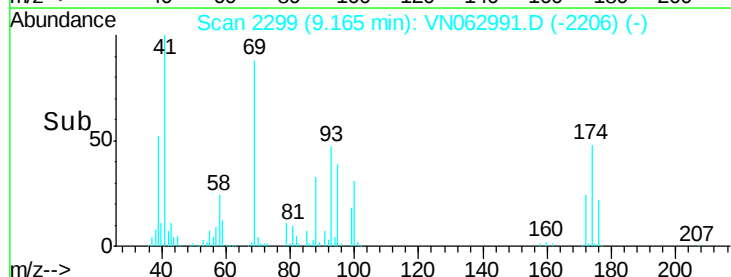
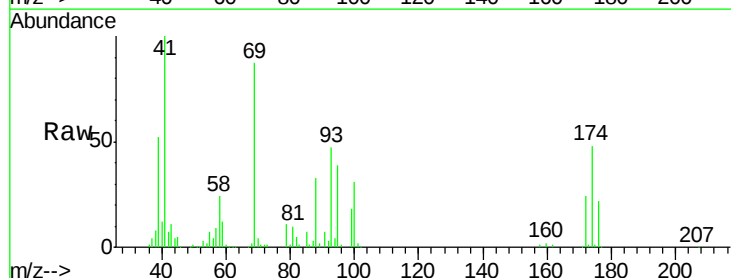
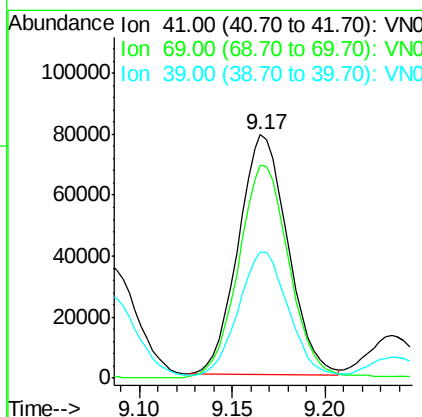
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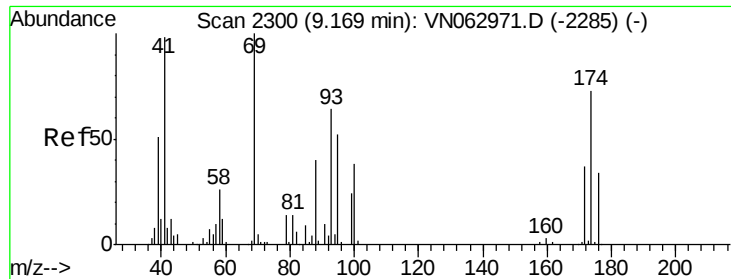
MMDadoda
8/18/2020 11:13:09 AM



#48
Methyl methacrylate
Concen: 57.398 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.6	81.1	121.7
39	51.3	42.4	63.6





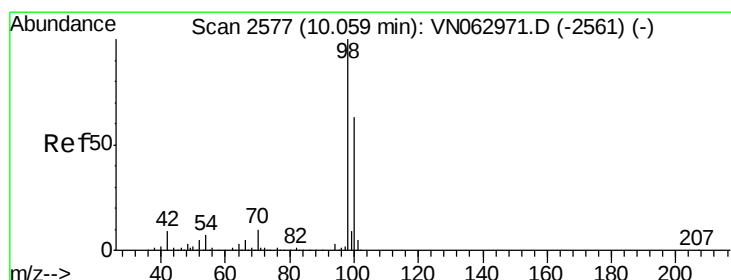
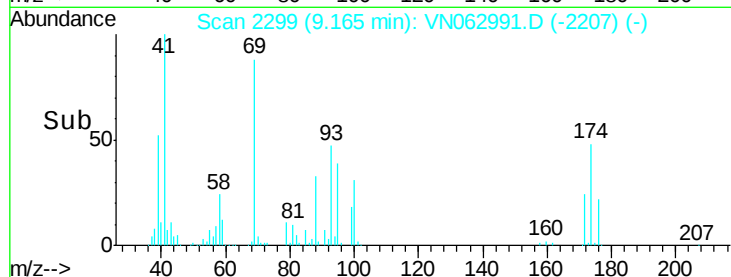
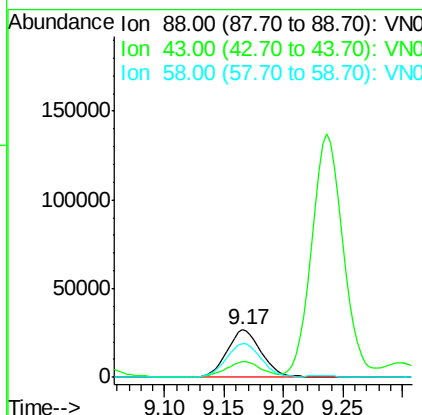
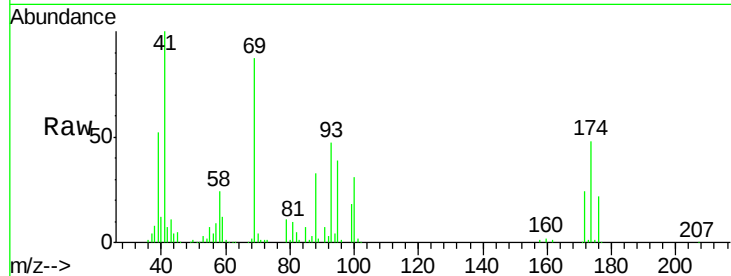
#49
1,4-Dioxane
Concen: 1000.935 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	23.1	34.7
58	72.9	53.1	79.7

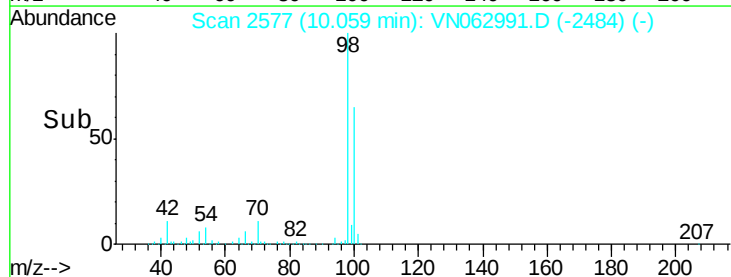
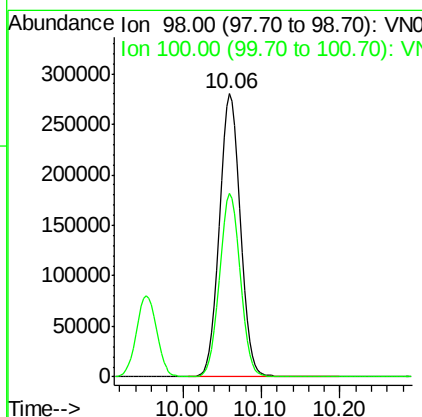
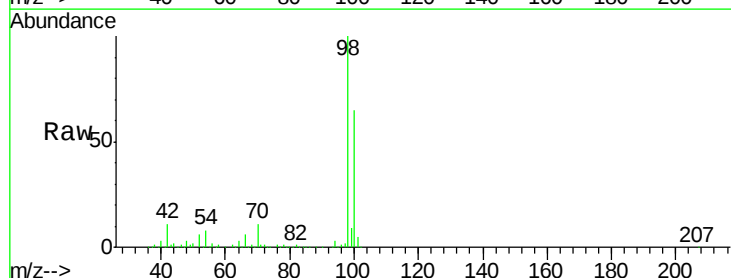
Manual Integrations
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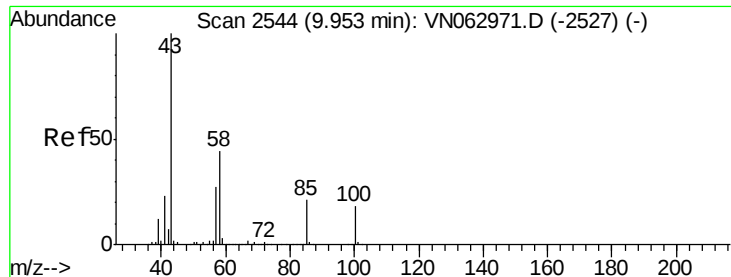
MMDadoda
8/18/2020 11:13:09 AM



#50
Toluene-d8
Concen: 48.582 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.0	76.4





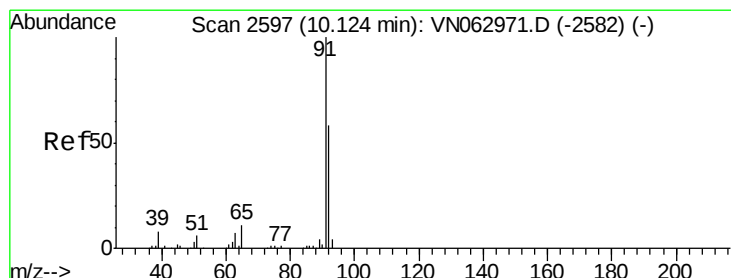
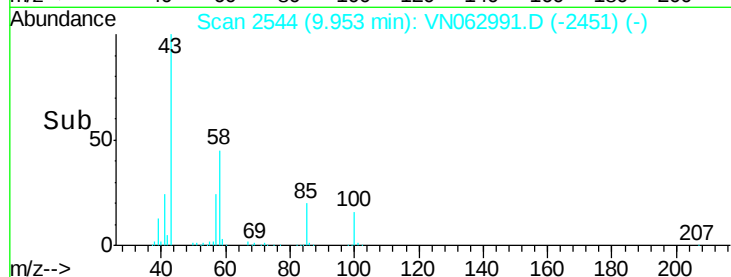
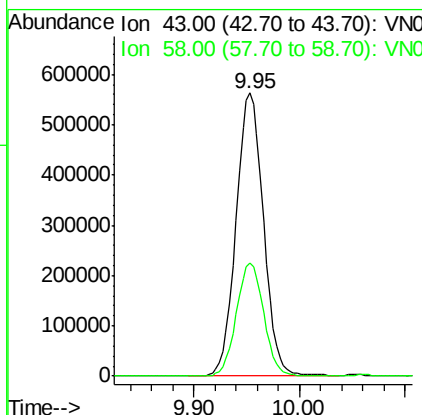
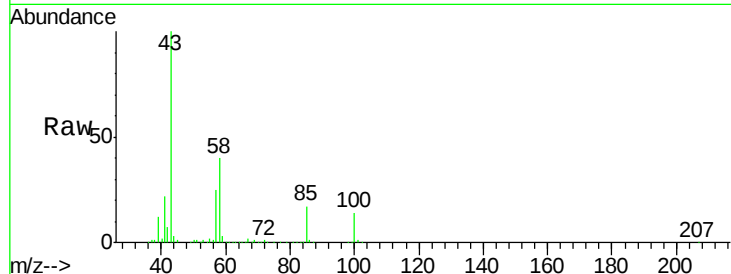
#51
 4-Methyl-2-Pentanone
 Concen: 291.064 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1012397
 Ion Ratio Lower Upper
 43 100
 58 40.0 34.3 51.5

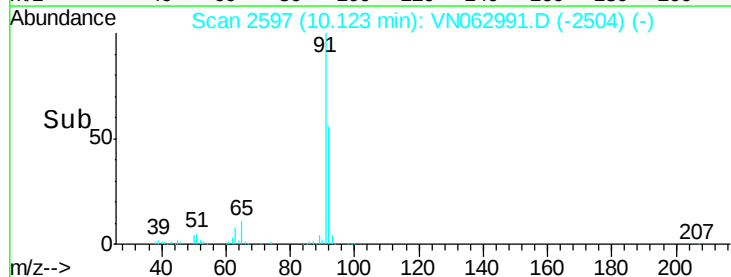
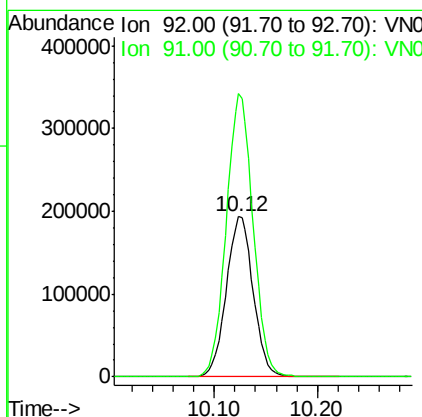
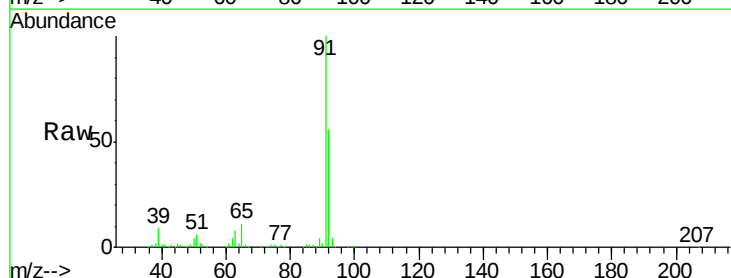
Manual Integrations
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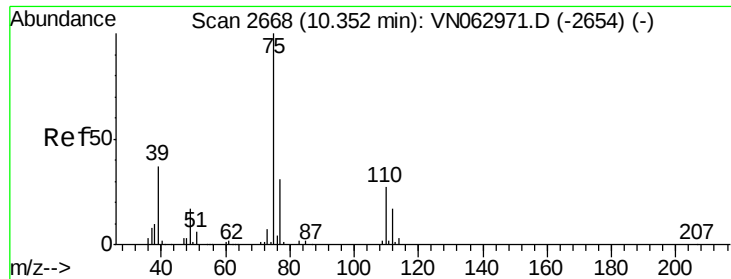
MMDadoda
 8/18/2020 11:13:09 AM



#52
 Toluene
 Concen: 49.142 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion: 92 Resp: 351727
 Ion Ratio Lower Upper
 92 100
 91 176.0 138.6 207.8





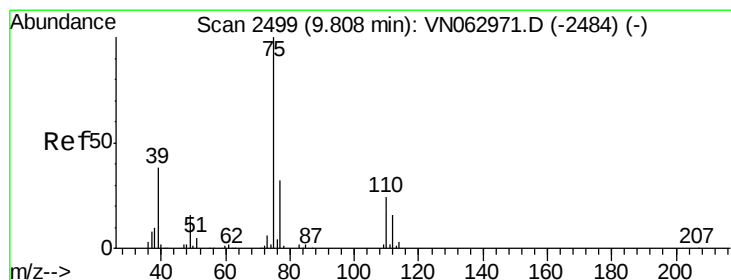
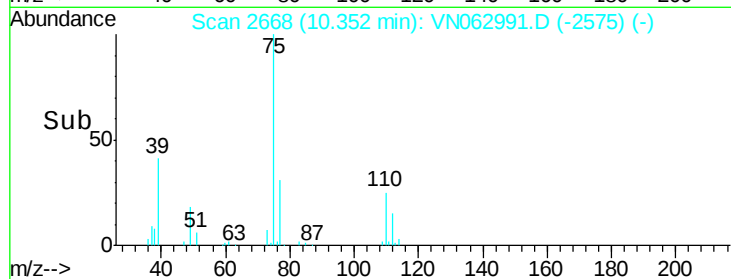
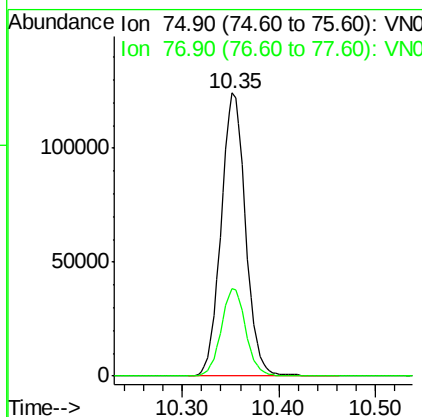
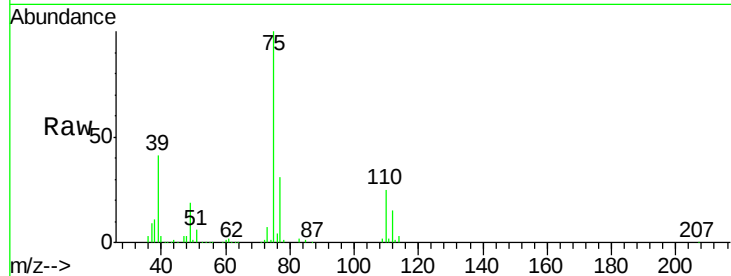
#53
t-1,3-Dichloropropene
Concen: 50.773 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.0	37.4

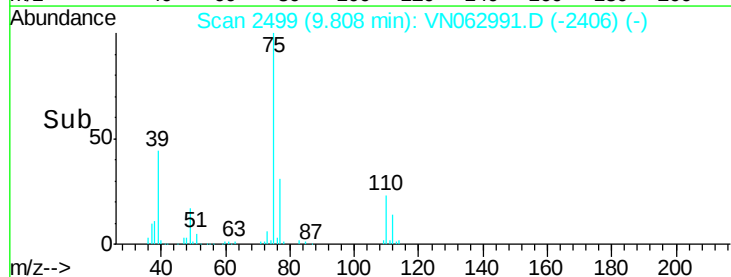
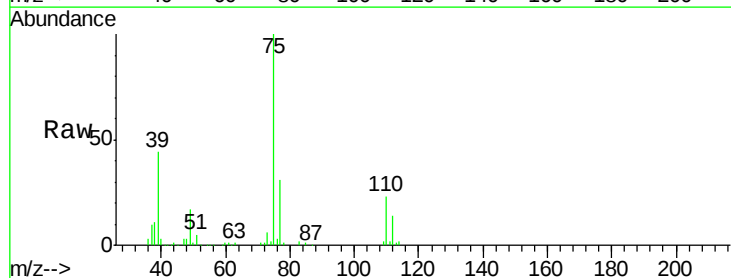
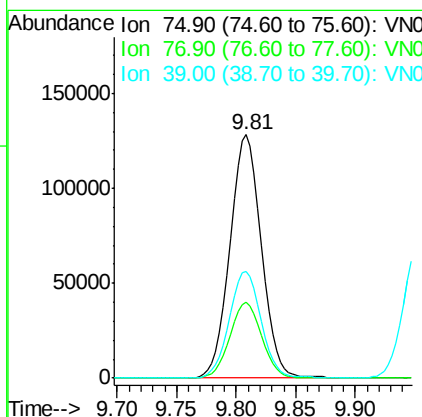
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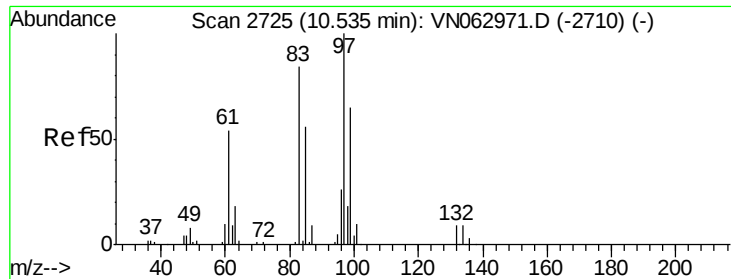
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#54
cis-1,3-Dichloropropene
Concen: 50.598 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.2
39	43.9	30.6	46.0





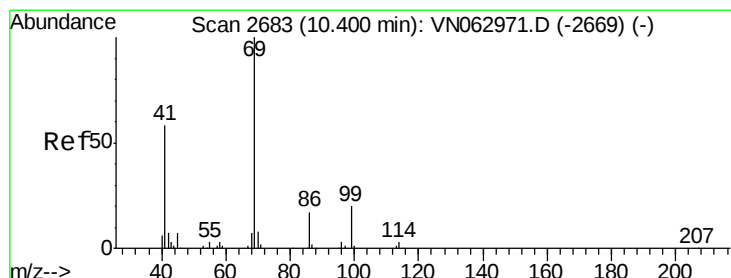
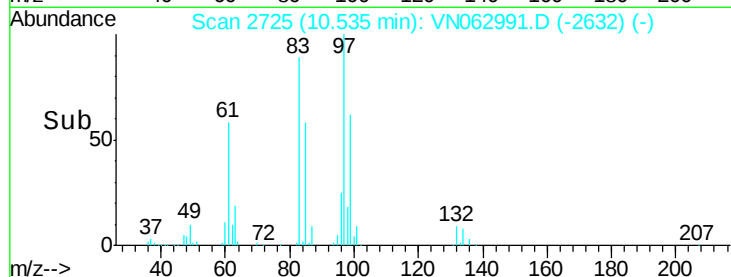
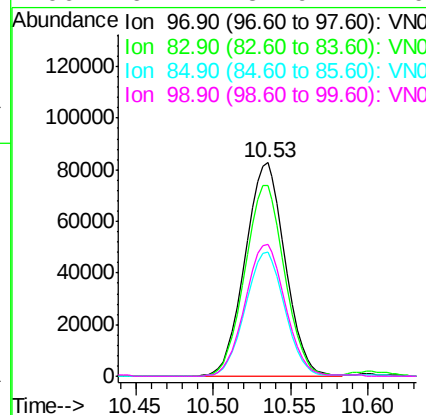
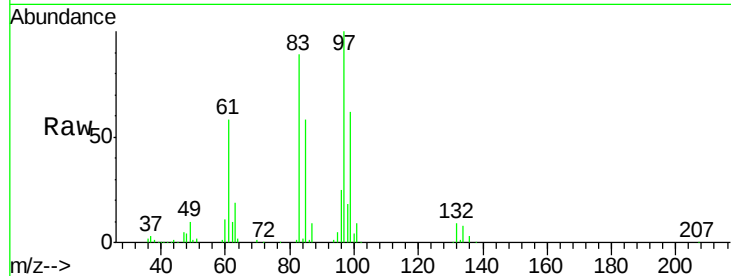
#55
 1,1,2-Trichloroethane
 Concen: 49.183 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		149212		
83	89.2	67.0	100.4		
85	58.2	44.4	66.6		
99	61.7	51.9	77.9		

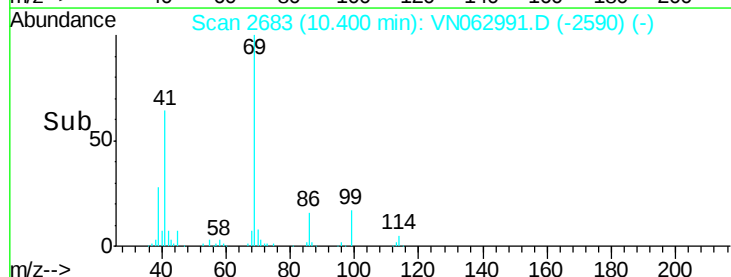
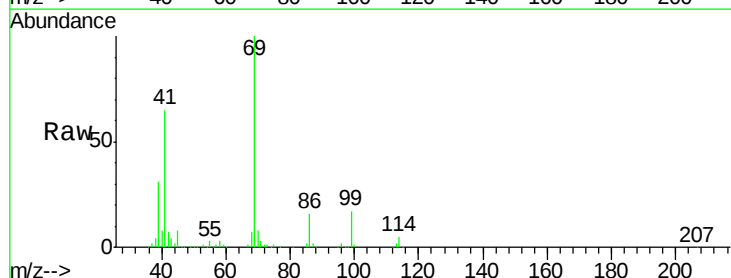
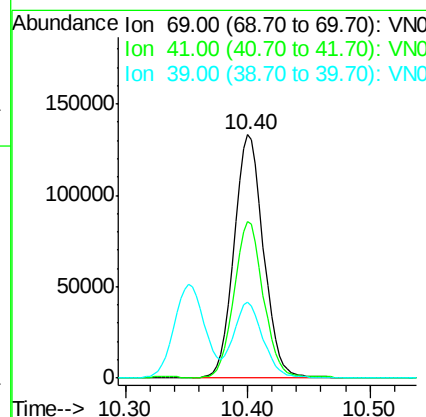
Manual Integrations
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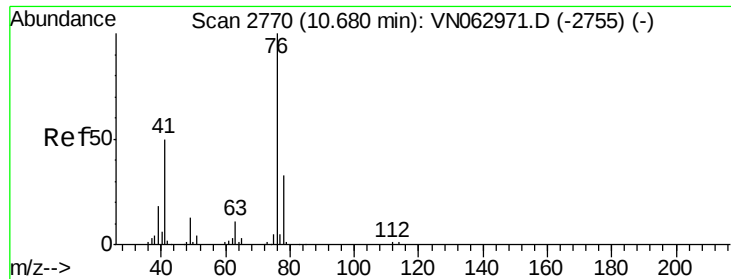
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#56
 Ethyl methacrylate
 Concen: 47.892 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		224515		
41	63.5	46.0	69.0		
39	30.7	23.4	35.0		





#57

1,3-Dichloropropane

Concen: 51.899 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 248195

Ion Ratio Lower Upper

76 100

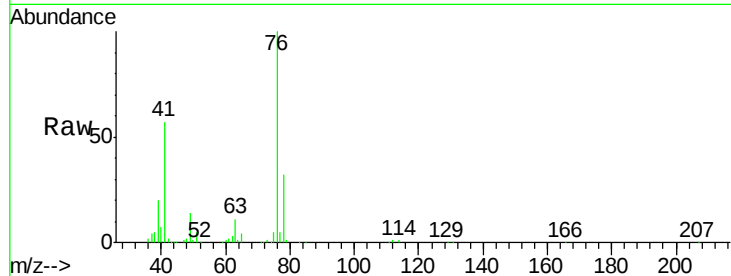
78 32.2 26.2 39.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

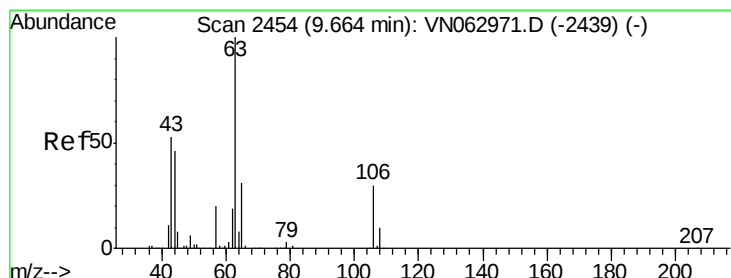
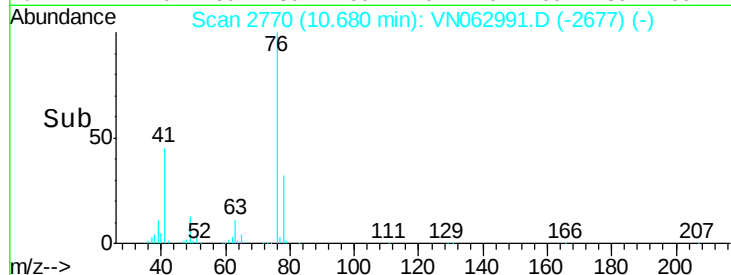
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 280.801 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062991.D

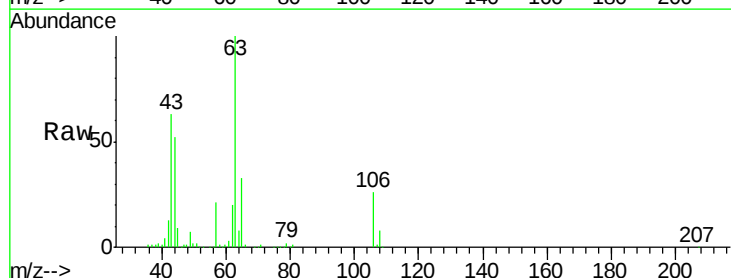
Acq: 18 Aug 2020 00:21

Tgt Ion: 63 Resp: 255561

Ion Ratio Lower Upper

63 100

106 25.8 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

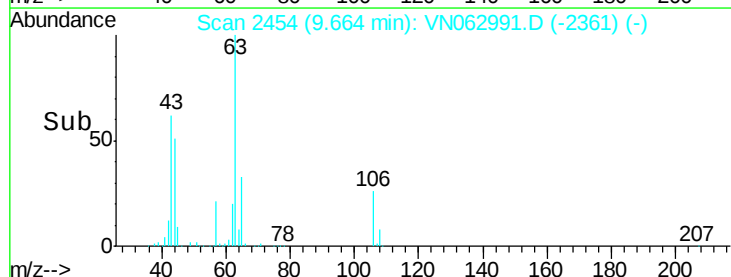
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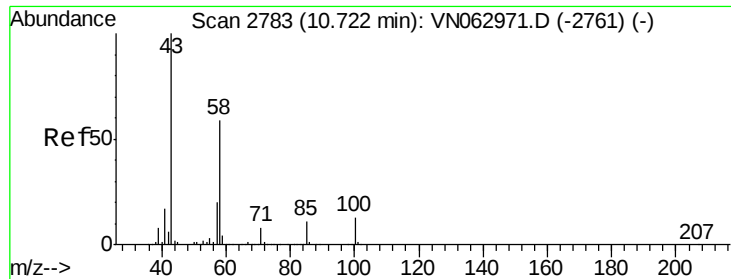
100000

50000

0

Time-->





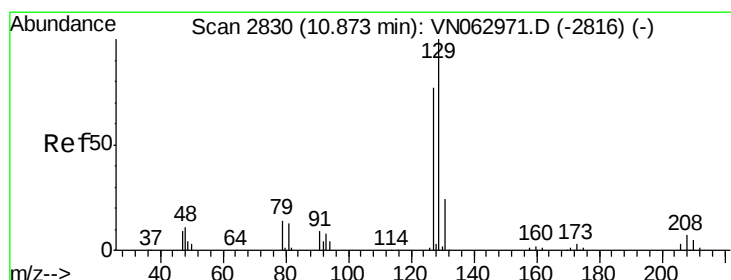
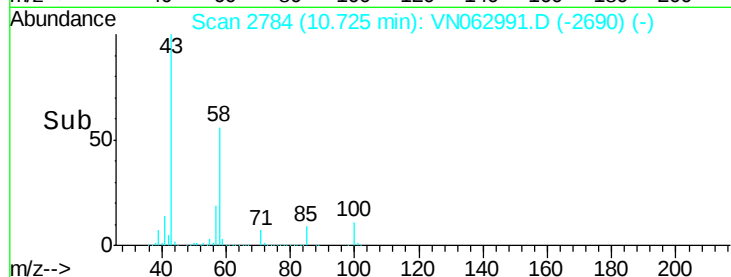
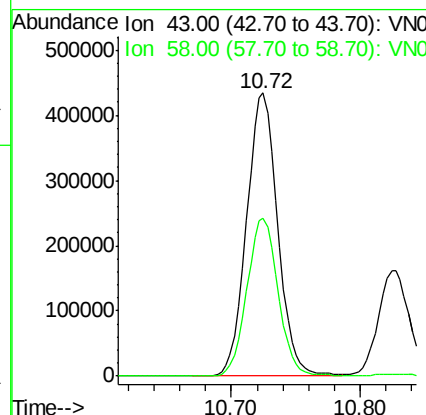
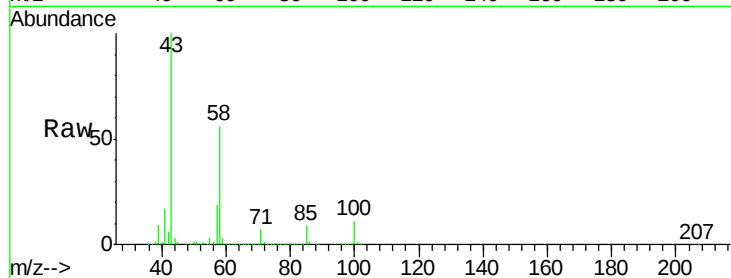
#59
2-Hexanone
Concen: 306.653 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 728682
Ion Ratio Lower Upper
43 100
58 56.1 29.5 88.5

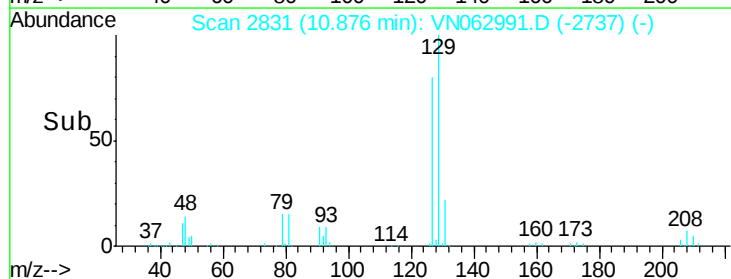
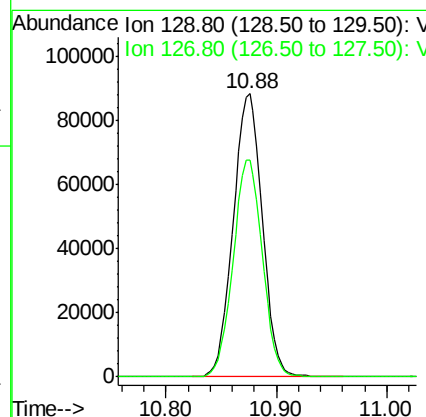
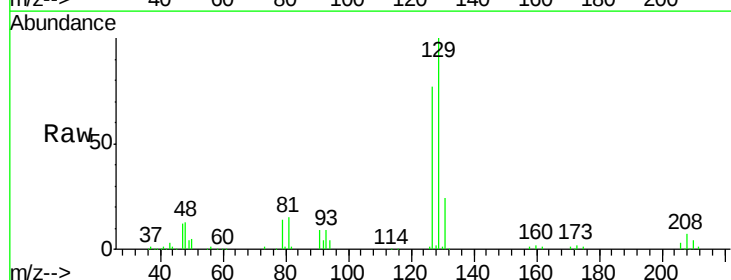
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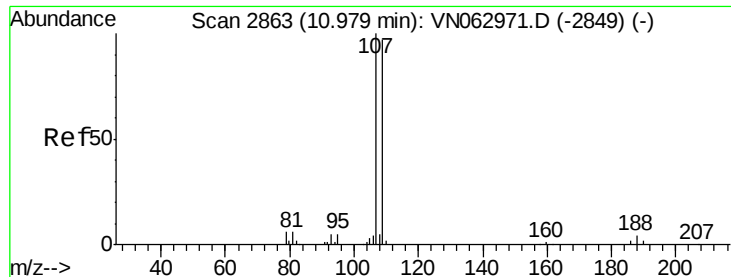
MMDadoda
8/18/2020 11:13:09 AM



#60
Dibromochloromethane
Concen: 47.969 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion: 129 Resp: 161960
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 48.364 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 149782

Ion Ratio Lower Upper

107 100

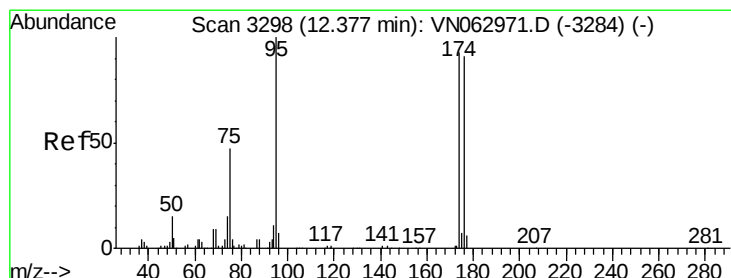
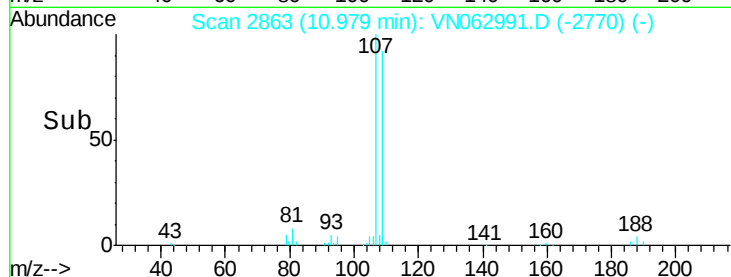
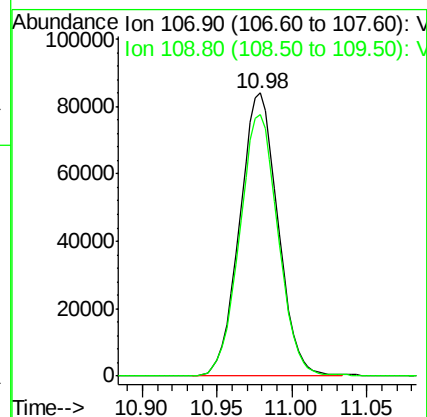
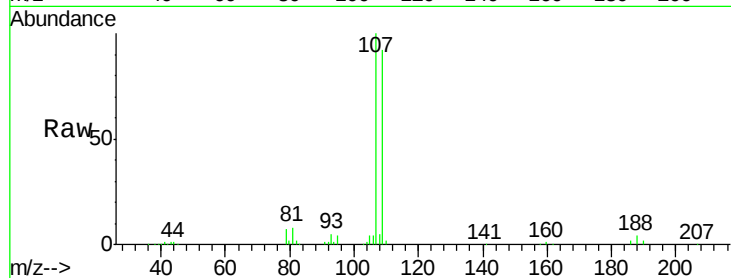
109 93.0 76.6 115.0

Manual Integrations

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MMDadoda

8/18/2020 11:13:09 AM



#62

4-Bromofluorobenzene

Concen: 39.233 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

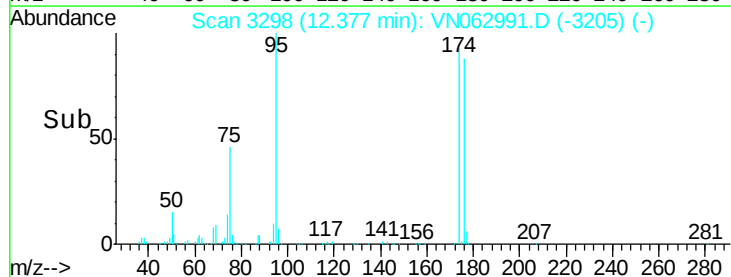
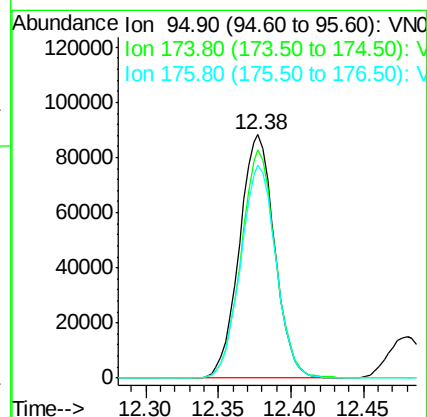
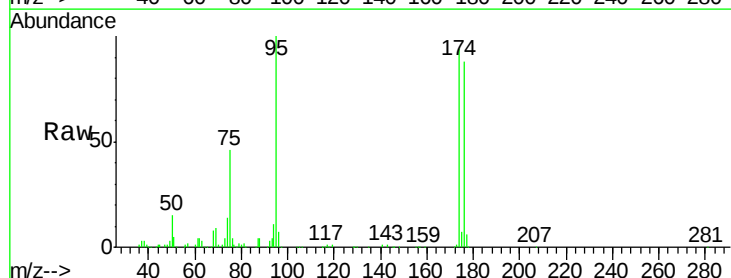
Tgt Ion: 95 Resp: 148791

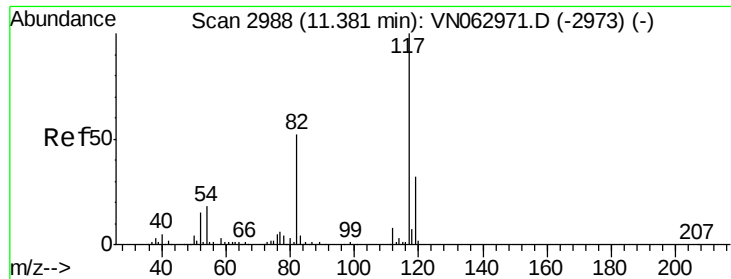
Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.2

176 88.0 0.0 178.8





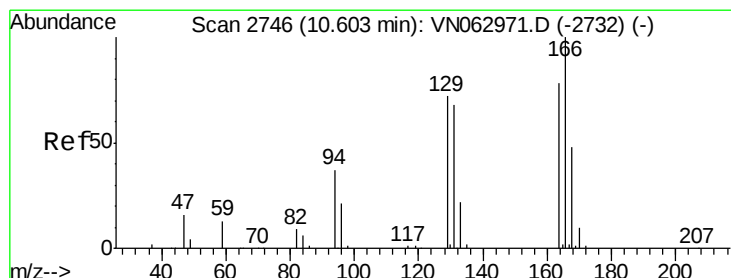
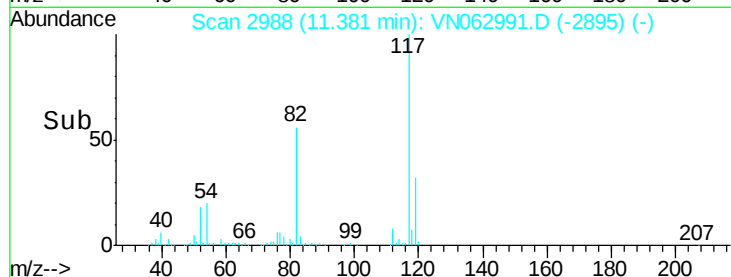
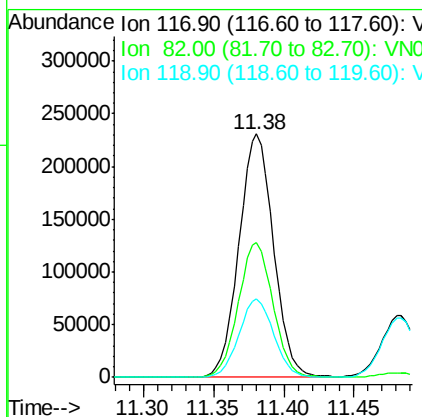
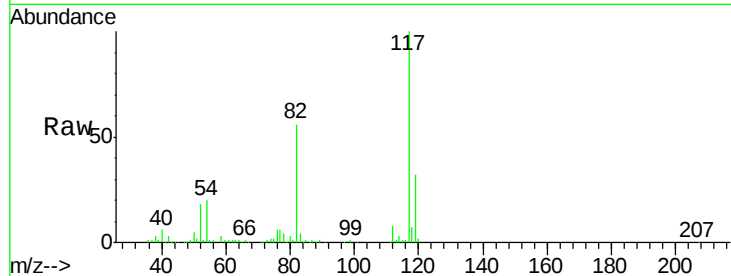
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	396783		
82	55.6	41.3	61.9	
119	32.0	25.8	38.8	

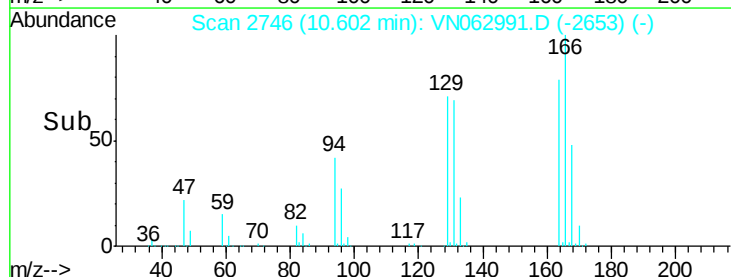
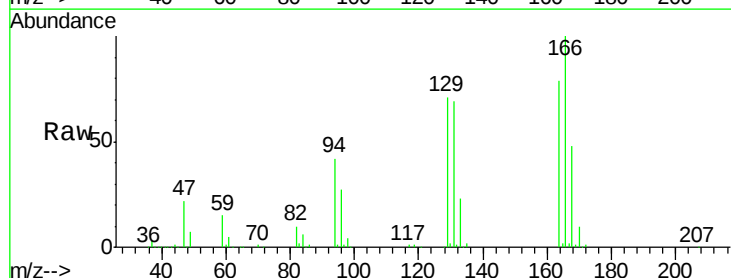
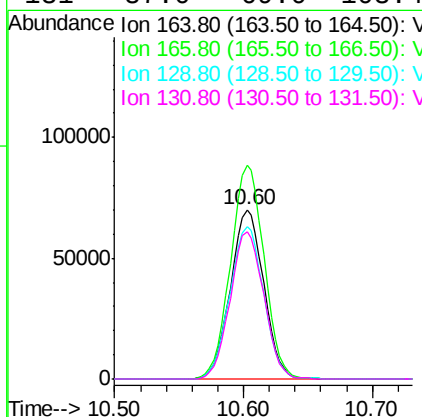
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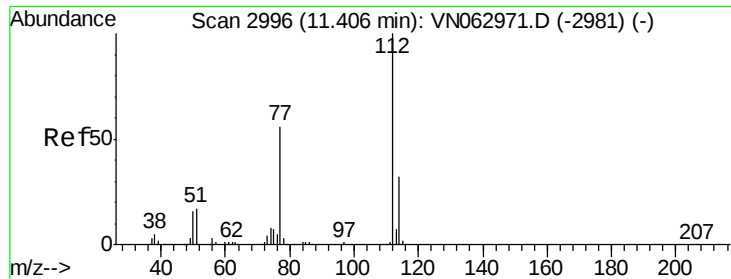
MMDadoda
8/18/2020 11:13:09 AM



#64
Tetrachloroethene
Concen: 46.038 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	125291		
166	126.2	101.9	152.9	
129	90.2	73.1	109.7	
131	87.0	69.0	103.4	





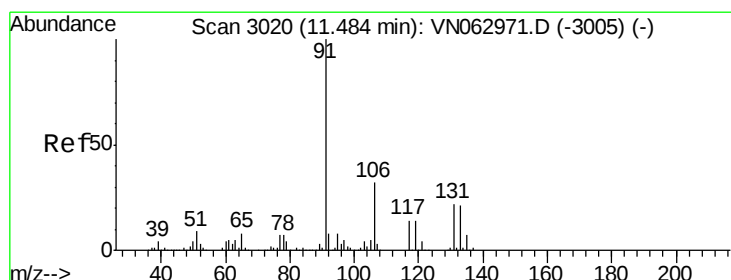
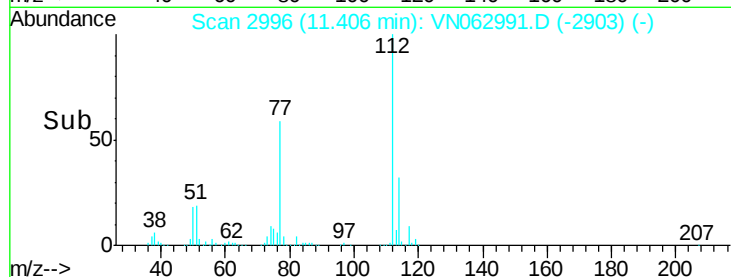
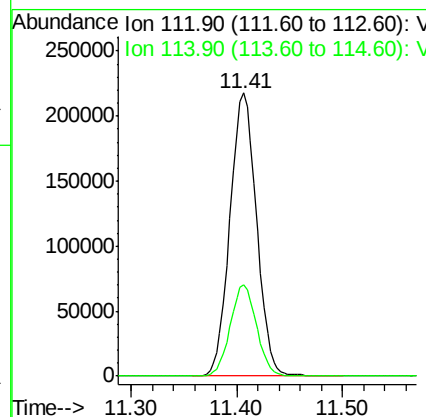
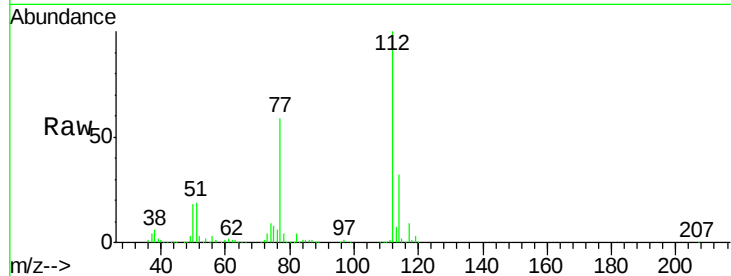
#65
Chlorobenzene
Concen: 46.842 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 380422
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

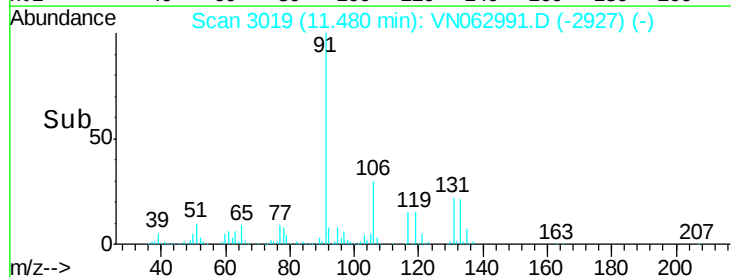
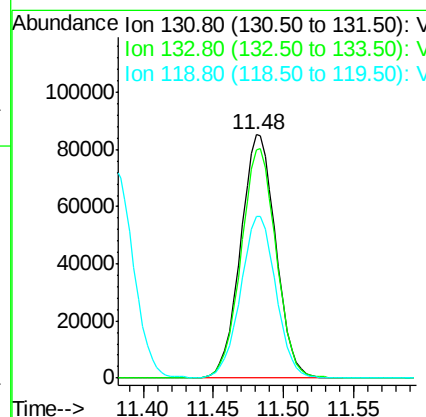
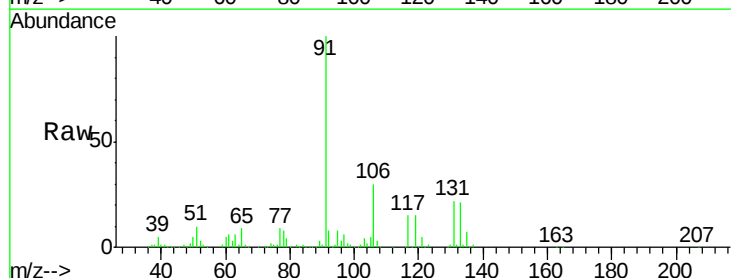
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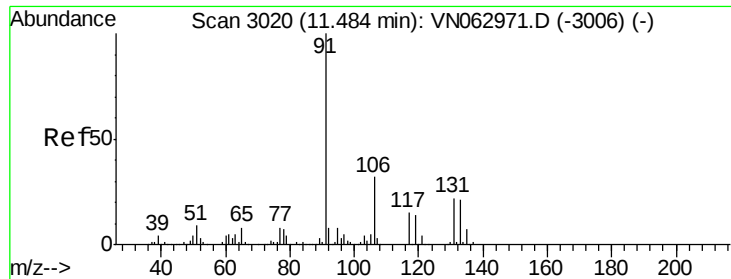
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.210 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion:131 Resp: 148913
Ion Ratio Lower Upper
131 100
133 94.0 47.8 143.4
119 66.6 32.4 97.0





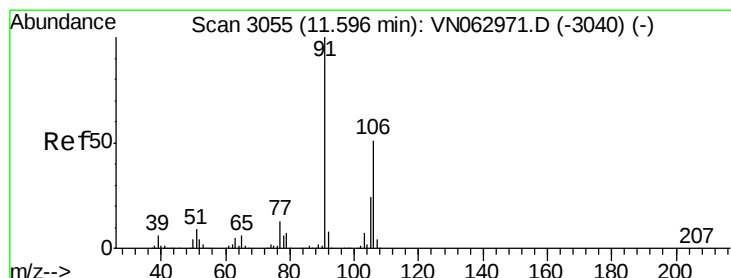
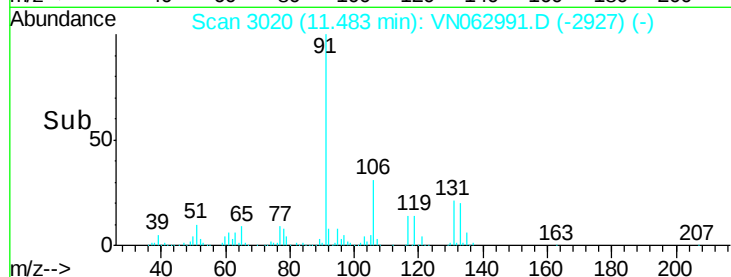
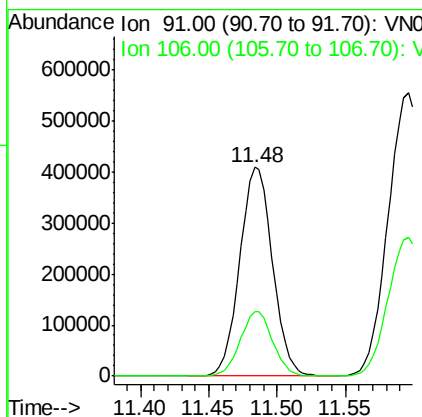
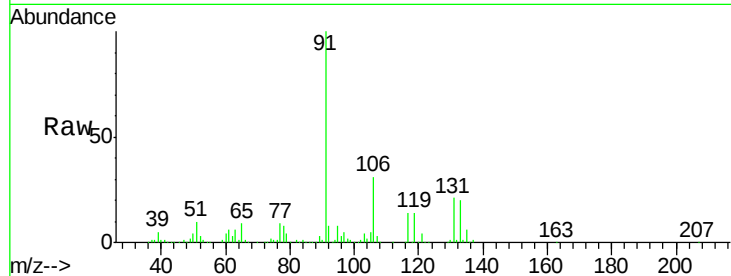
#67
Ethyl Benzene
Concen: 49.914 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.9	38.9

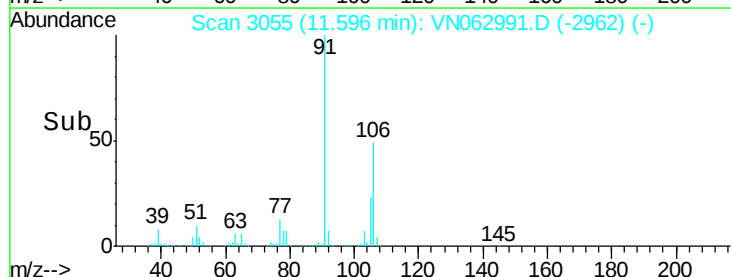
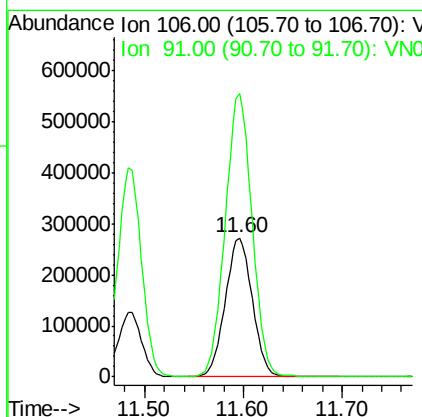
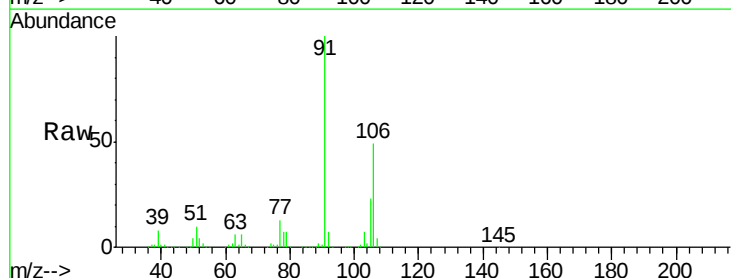
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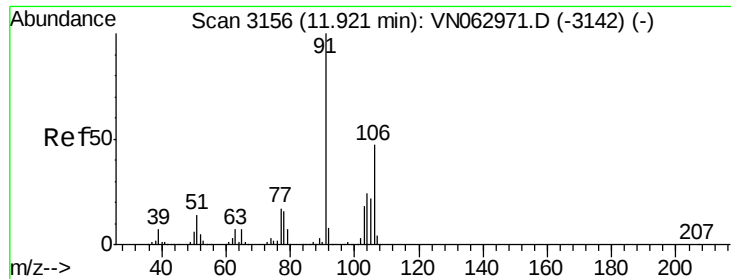
MMDadoda
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#68
m/p-Xylenes
Concen: 100.784 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.5	158.7	238.1





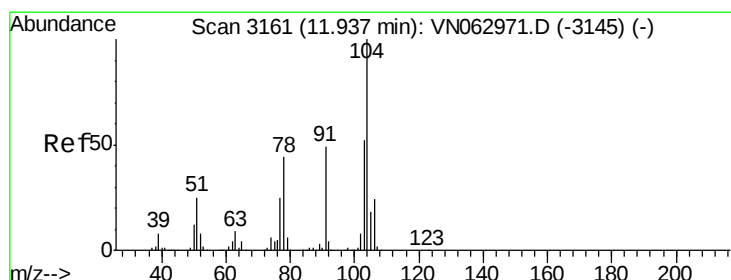
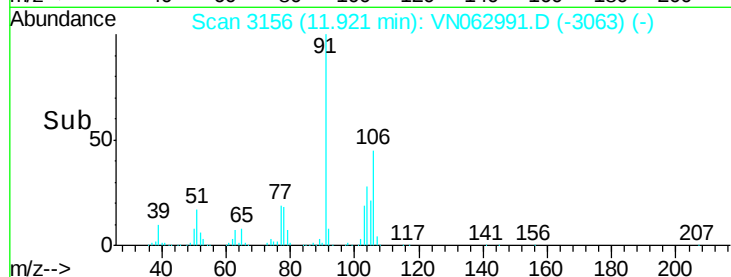
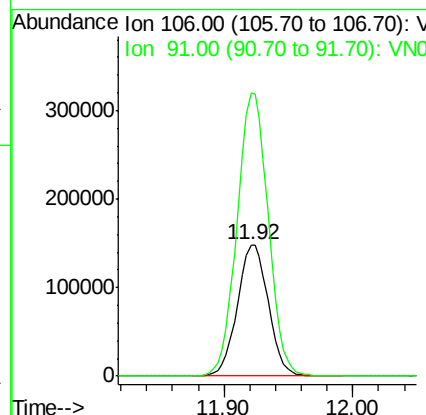
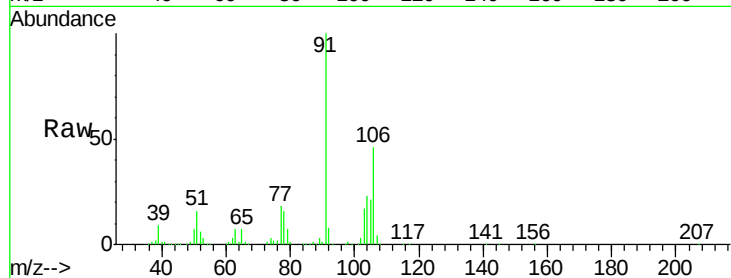
#69
o-Xylene
Concen: 50.408 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		247391		
91	217.0	106.3	318.8		

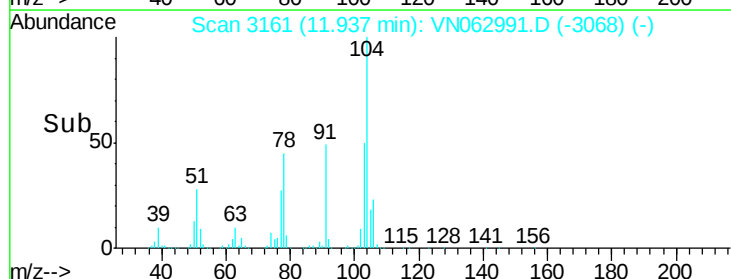
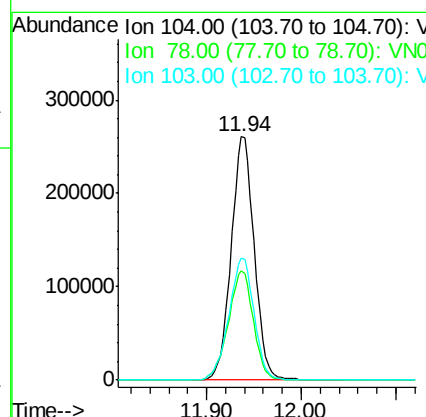
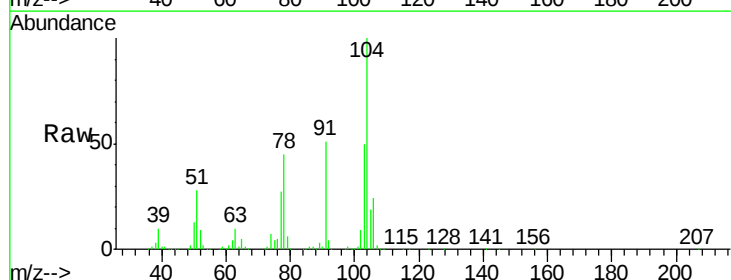
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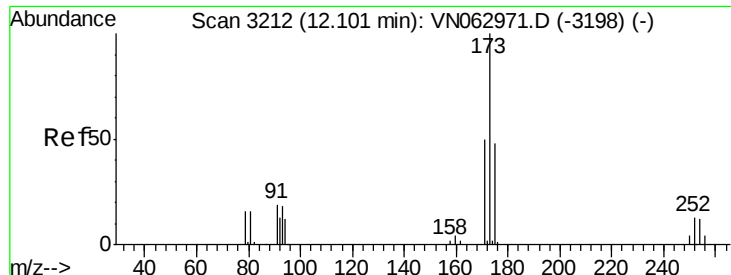
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#70
Styrene
Concen: 52.035 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		442930		
78	49.0	38.2	57.4		
103	54.8	44.9	67.3		





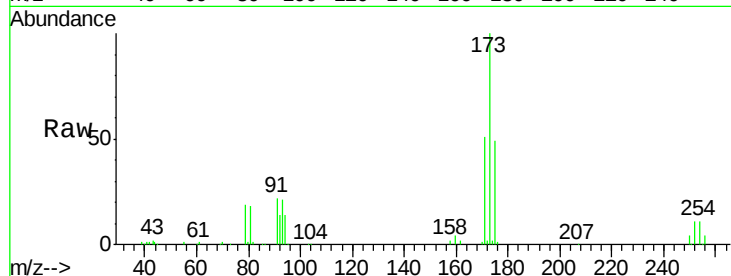
#71
Bromoform
Concen: 47.200 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

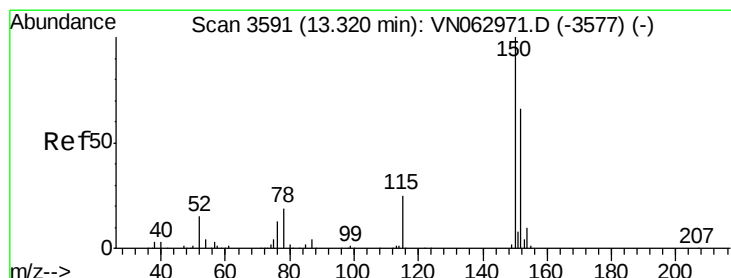
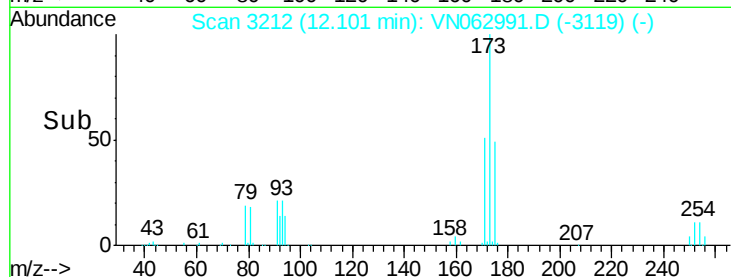
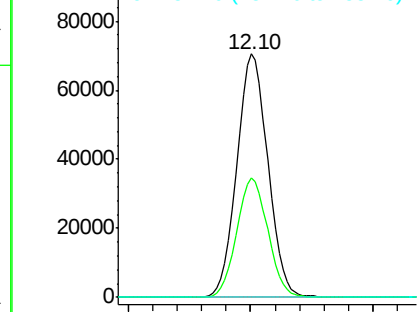
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.2
254	0.1	0.0	0.0#

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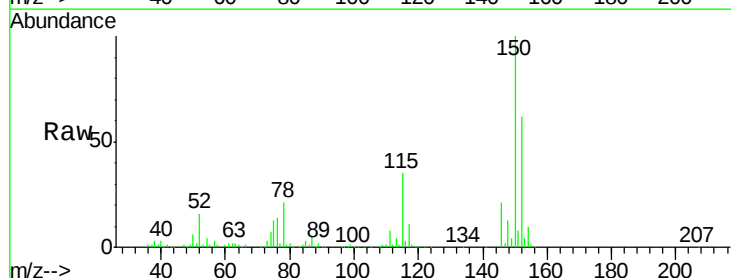


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

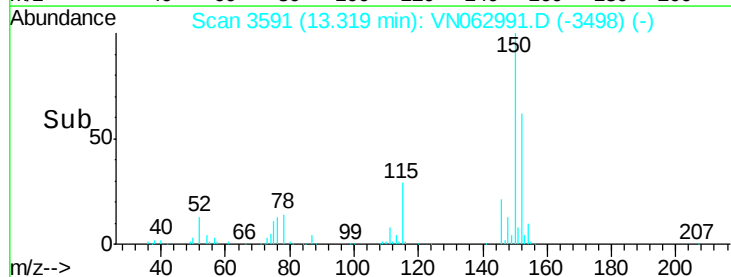
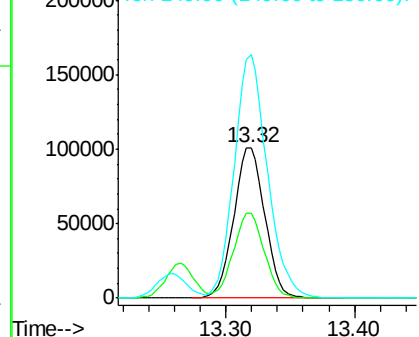


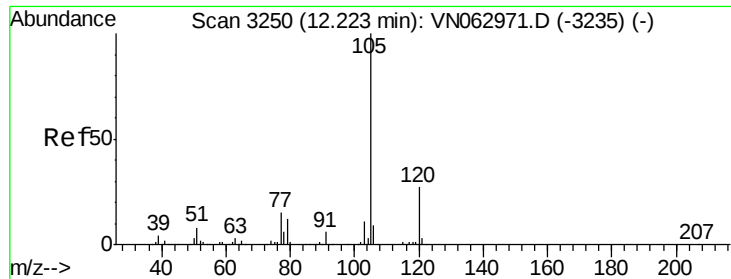
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.1	81.3
150	171.9	0.0	341.4



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





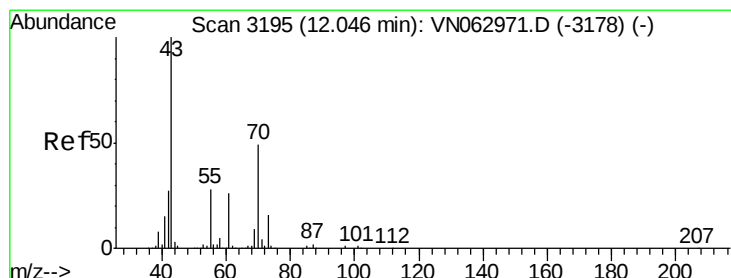
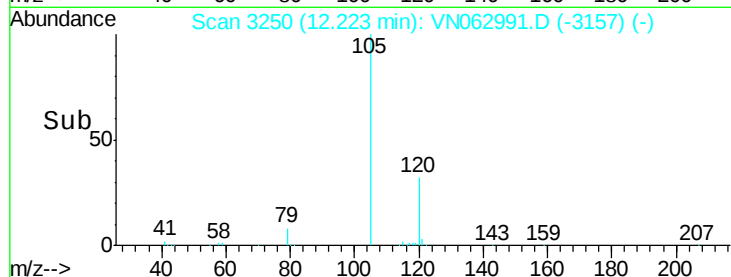
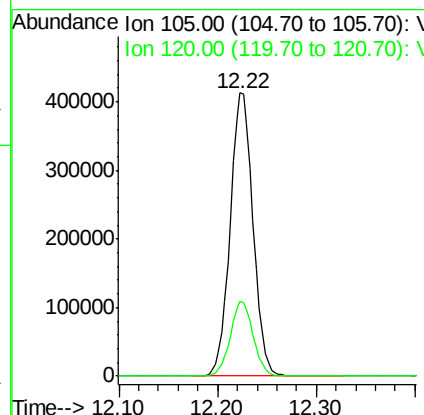
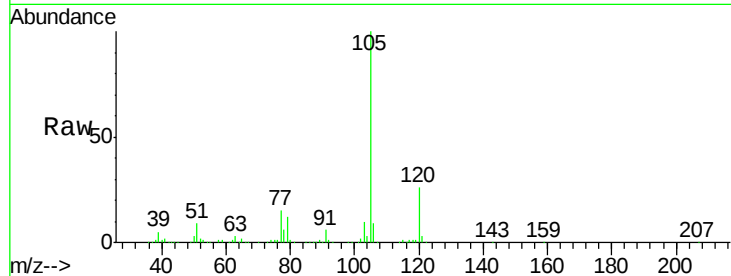
#73
Isopropylbenzene
Concen: 57.103 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.5	40.4

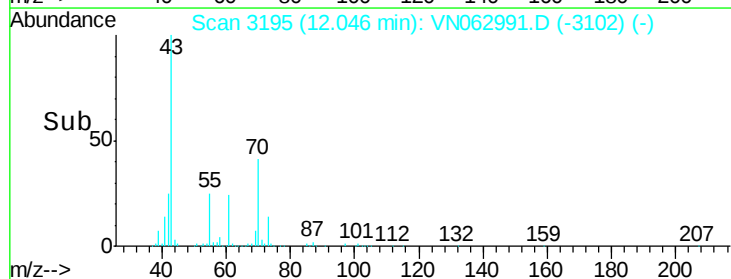
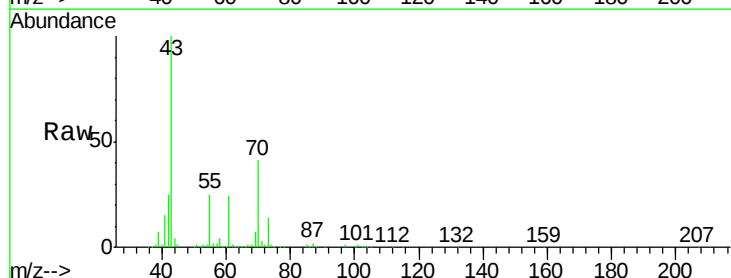
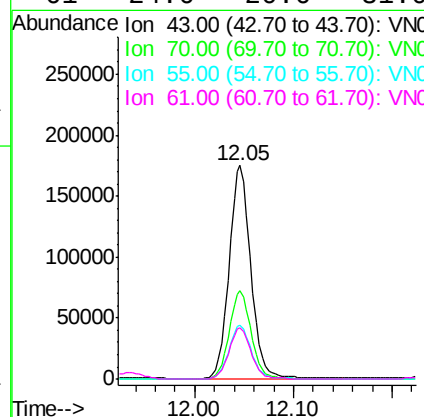
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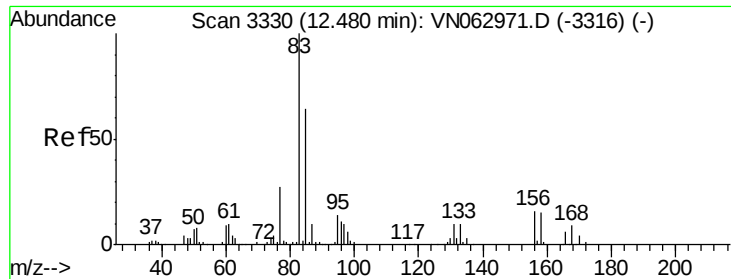
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#74
N-ethyl acetate
Concen: 67.640 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.8	38.4	57.6
55	26.1	21.9	32.9
61	24.6	20.6	31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.065 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

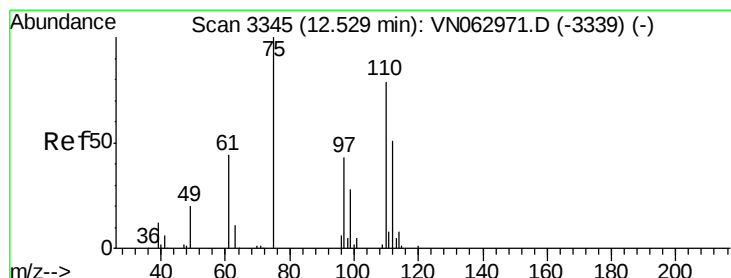
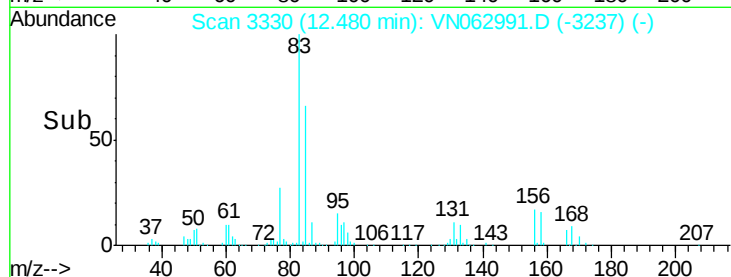
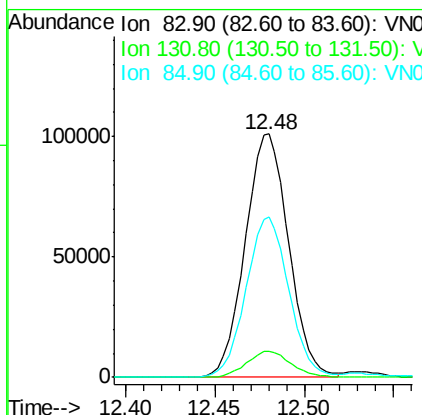
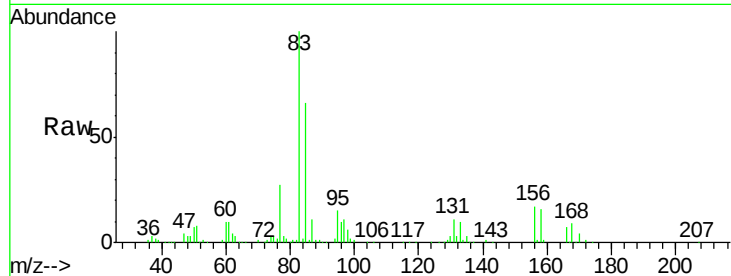
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	172555
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	64.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 43.321 ug/l m

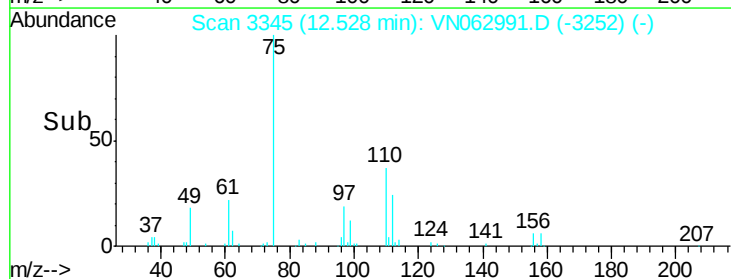
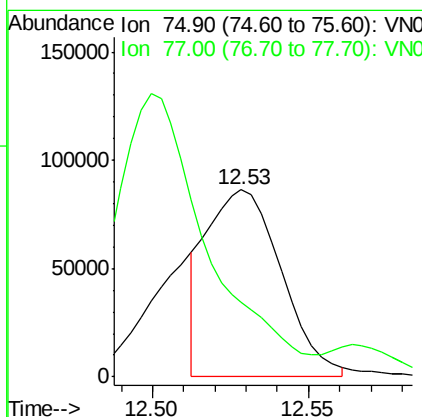
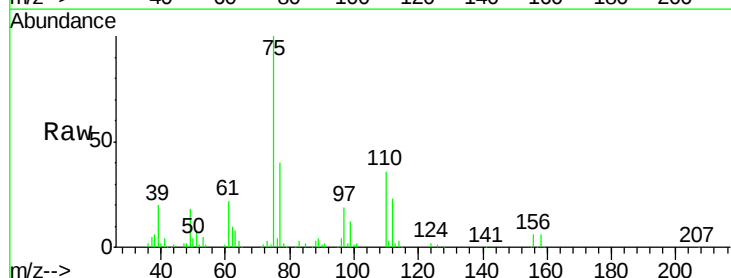
RT: 12.53 min Scan# 3345

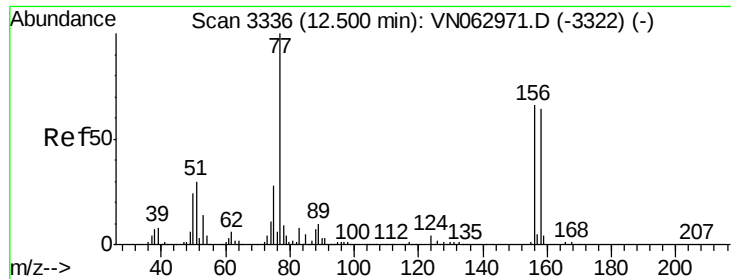
Delta R.T. 0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Tgt Ion:	75	Resp:	143479
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 44.881 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

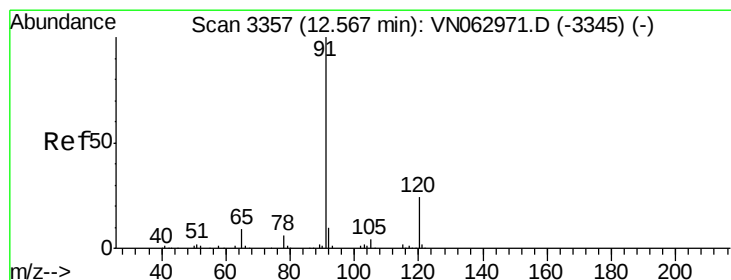
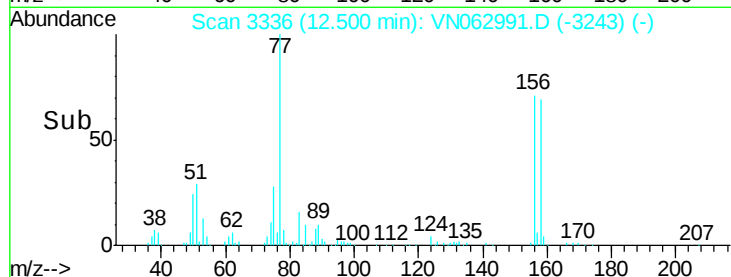
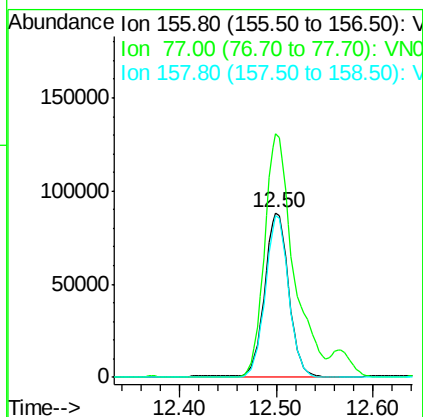
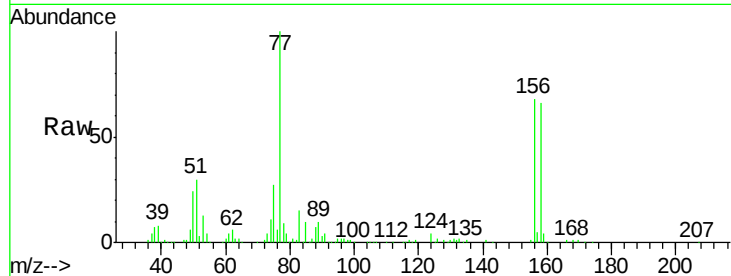
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	150710
Ion Ratio	Lower	Upper	
156	100		
77	179.7	92.4	277.2
158	96.2	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 44.996 ug/l

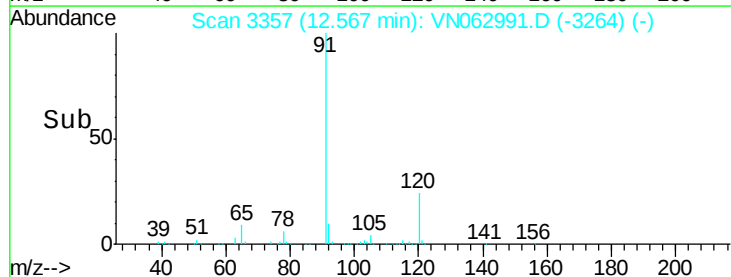
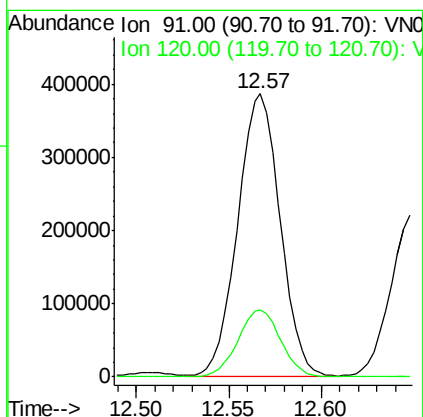
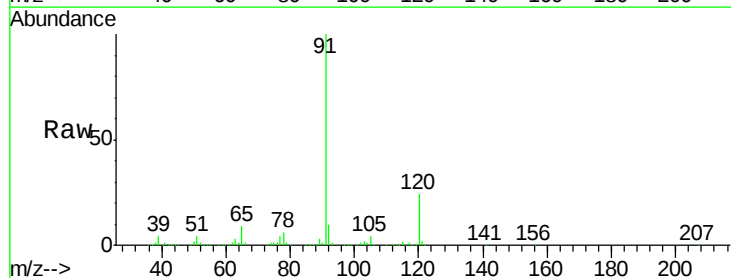
RT: 12.57 min Scan# 3357

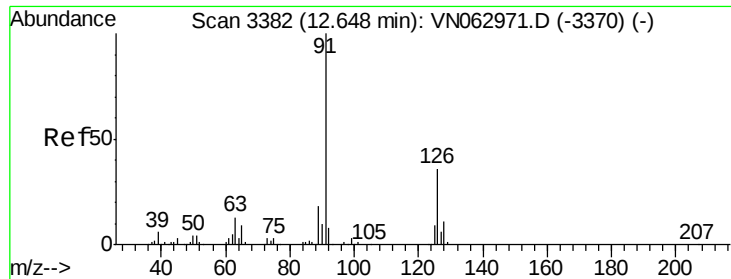
Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Tgt Ion:	91	Resp:	611477
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.1	36.3





#79

2-Chlorotoluene

Concen: 45.263 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 369682

Ion Ratio Lower Upper

91 100

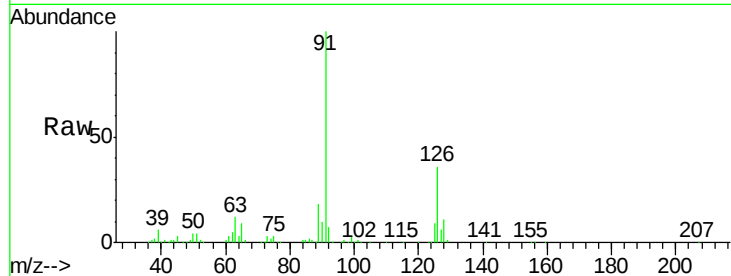
126 36.0 18.1 54.3

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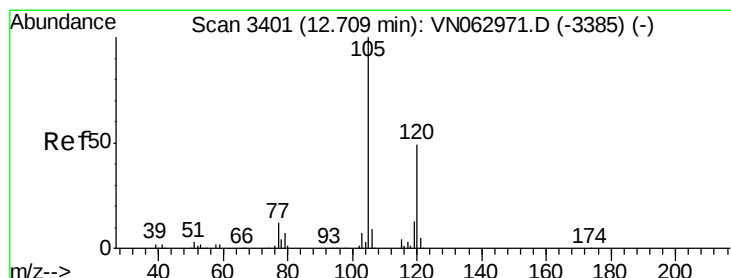
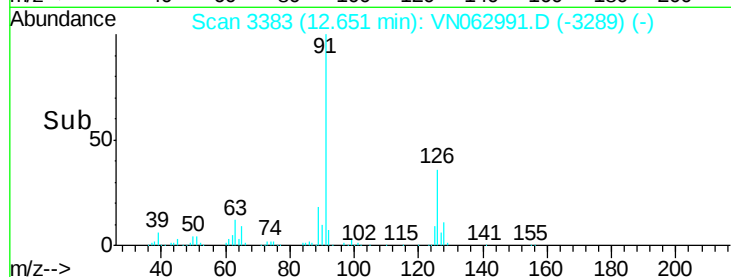
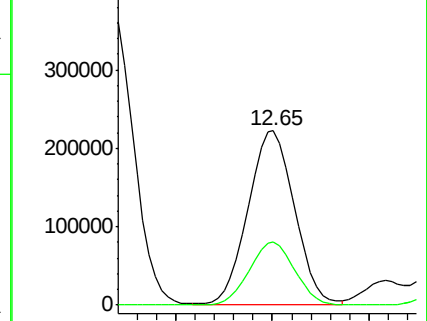
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Abundance Ion 91.00 (90.70 to 91.70): VN062991.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN062991.D (-3383) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.684 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062991.D

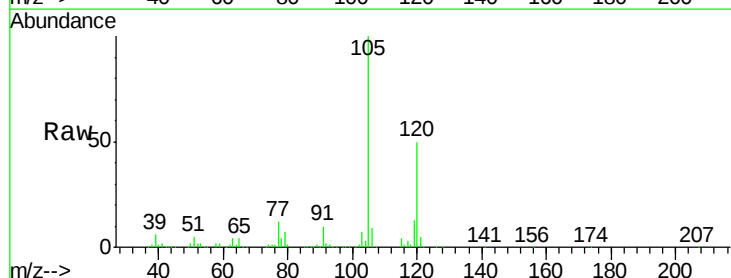
Acq: 18 Aug 2020 00:21

Tgt Ion: 105 Resp: 467302

Ion Ratio Lower Upper

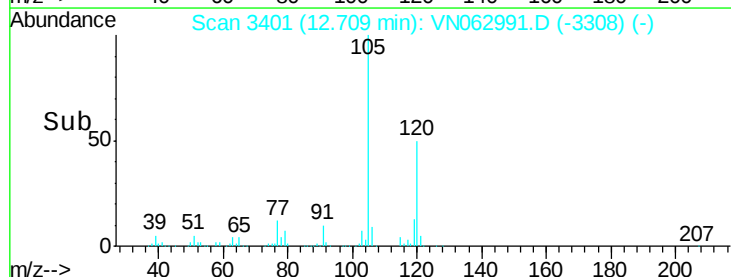
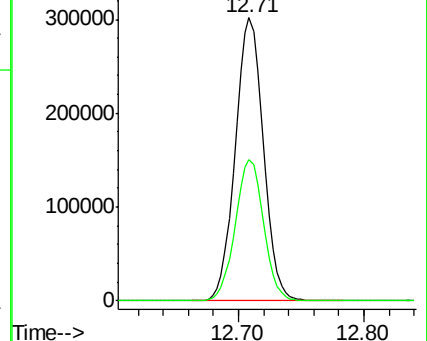
105 100

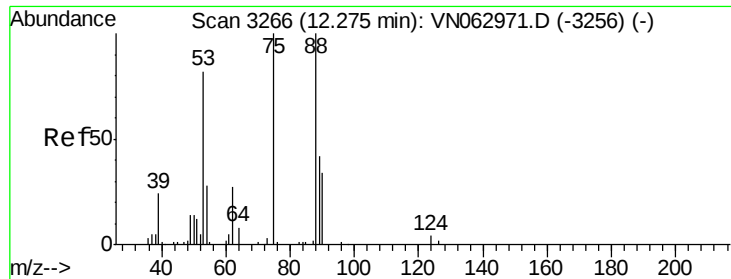
120 50.4 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN062991.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062991.D (-3385) (-)





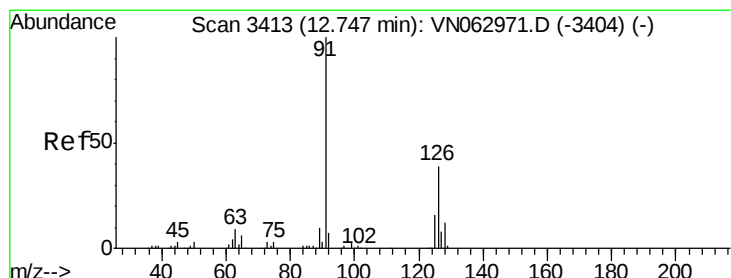
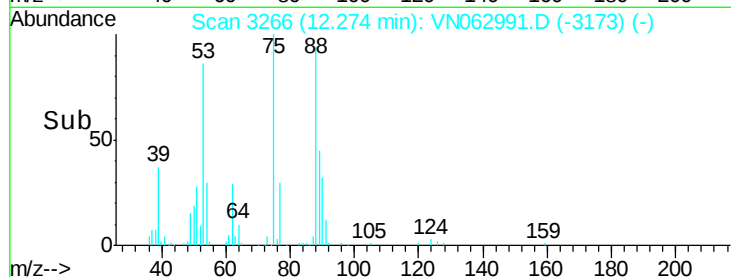
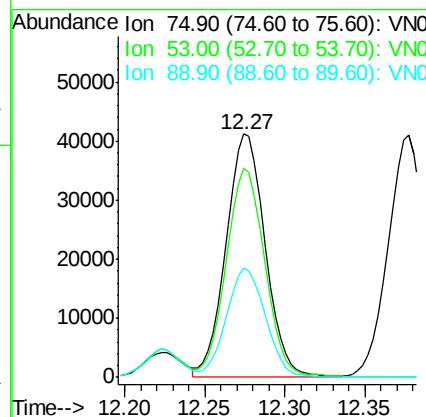
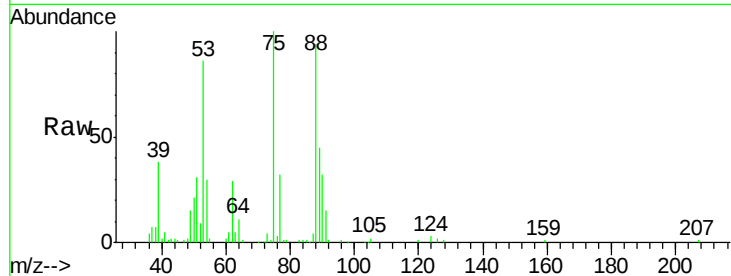
#81
trans-1,4-Dichloro-2-butene
Concen: 55.494 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.7	66.2	99.2
89	44.7	35.0	52.4

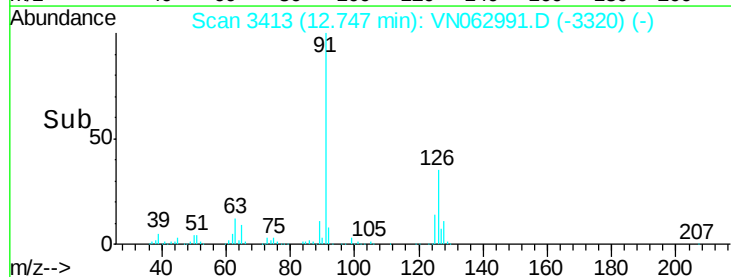
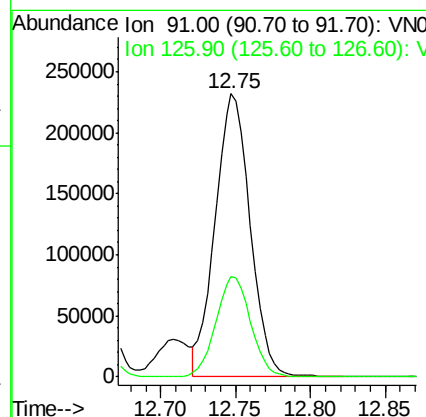
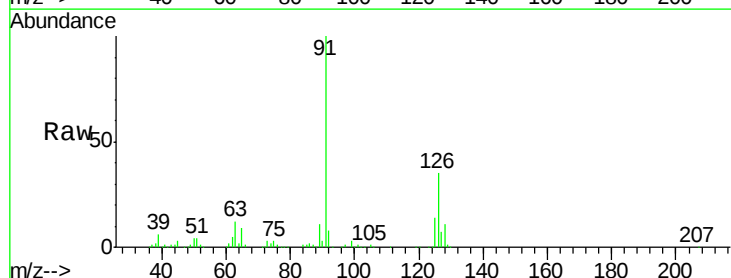
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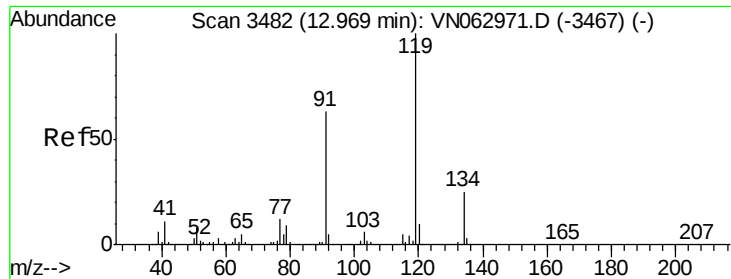
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#82
4-Chlorotoluene
Concen: 45.047 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.6	52.8





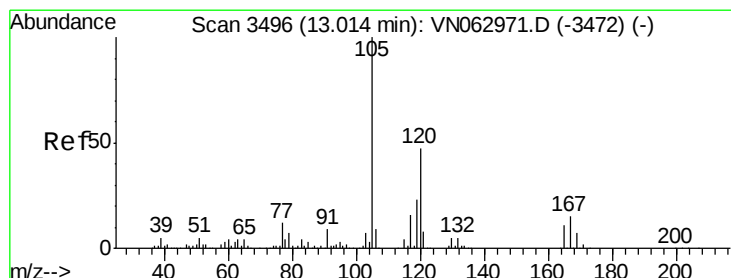
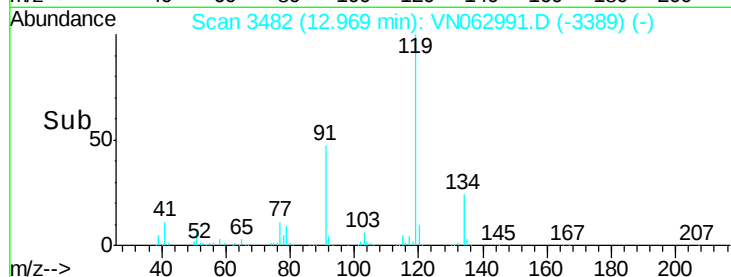
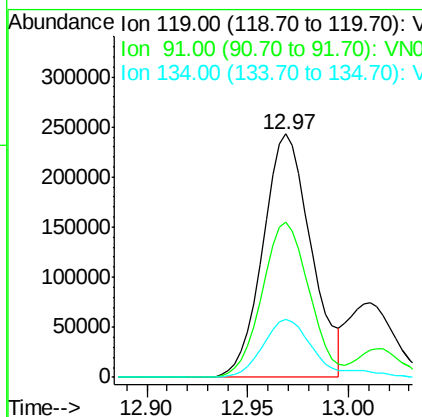
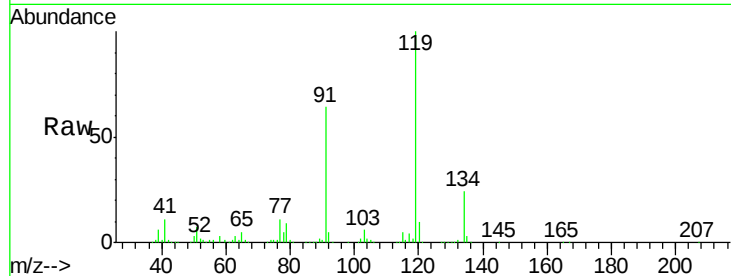
#83
 tert-Butylbenzene
 Concen: 47.681 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	402939		
91	62.8		31.0	93.0
134	24.0		13.3	39.8

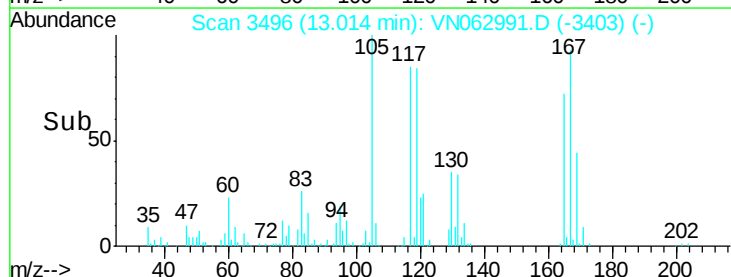
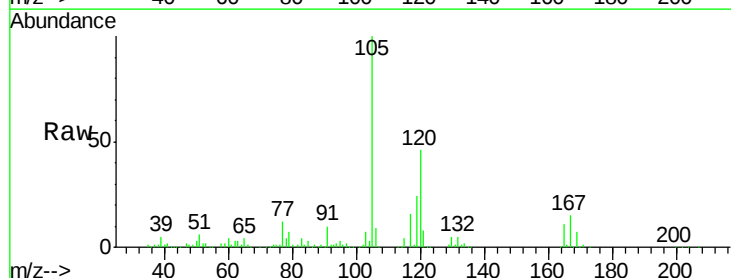
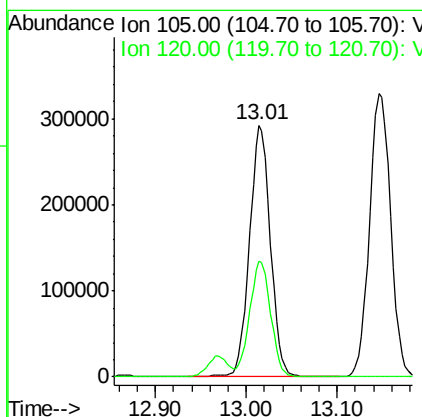
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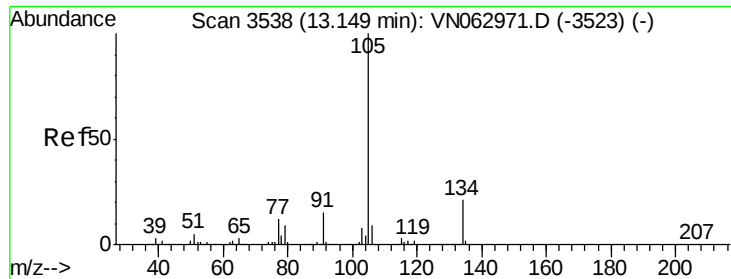
MMDadoda
 8/18/2020 11:13:09 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.057 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	465179		
120	46.1		23.2	69.6





#85

sec-Butylbenzene

Concen: 47.705 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 530565

Ion Ratio Lower Upper

105 100

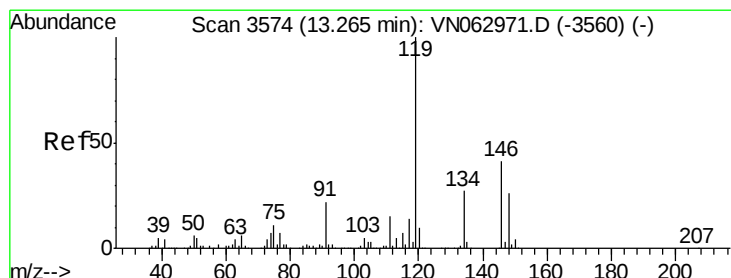
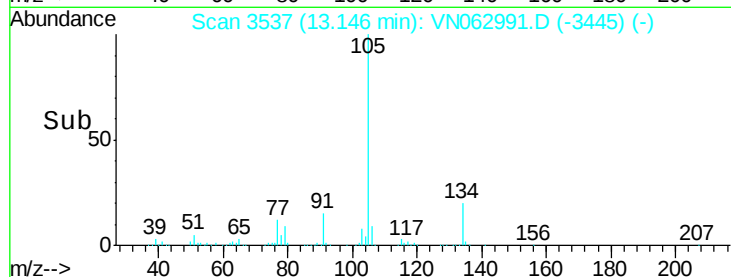
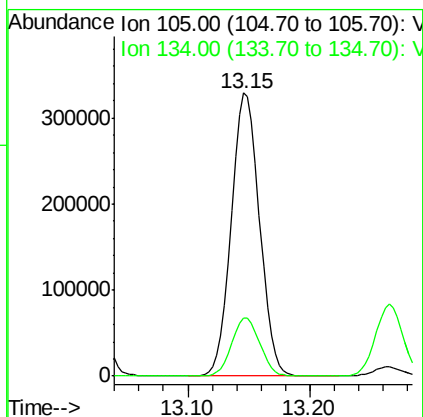
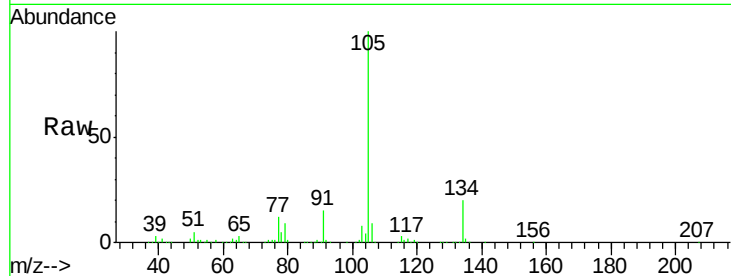
134 20.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 49.420 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

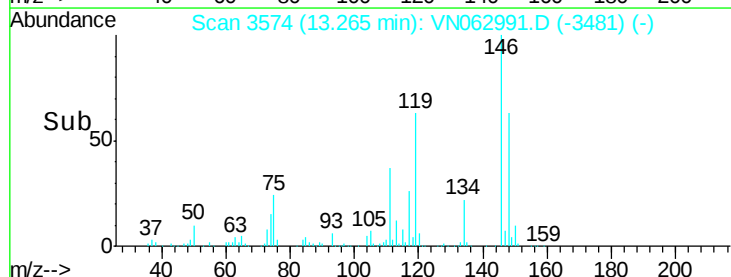
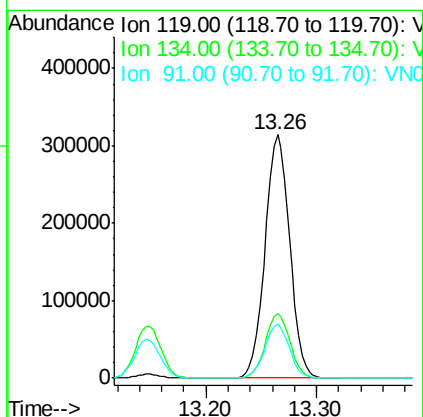
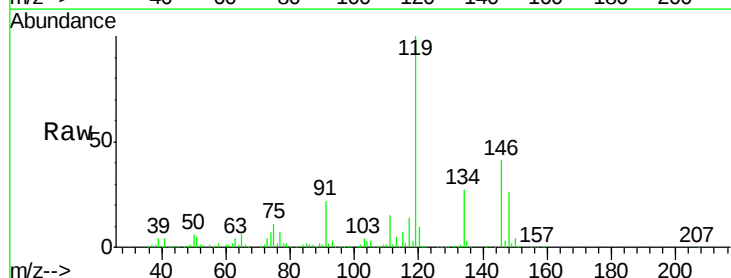
Tgt Ion:119 Resp: 489099

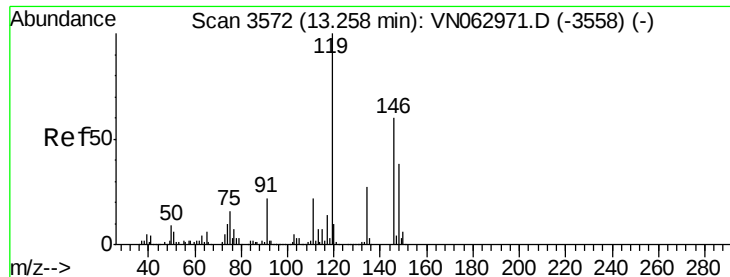
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.7

91 22.1 11.1 33.1





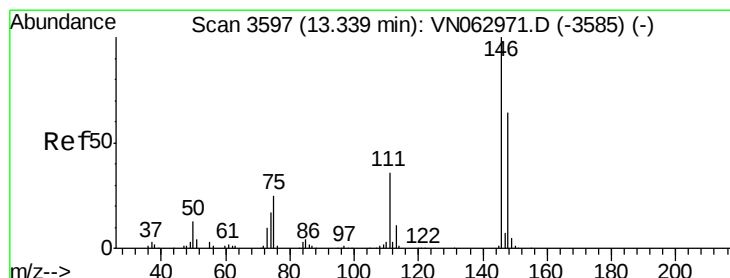
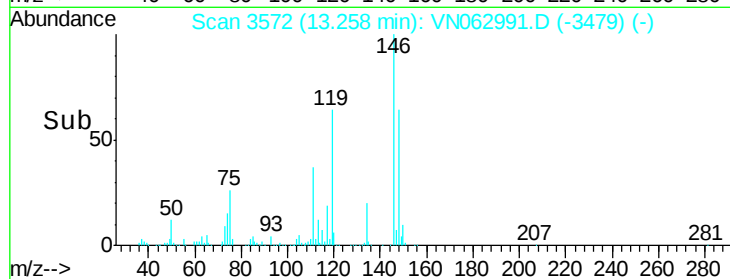
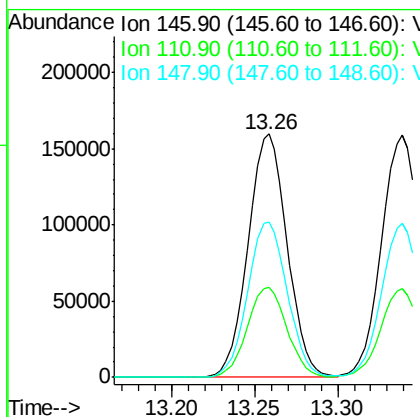
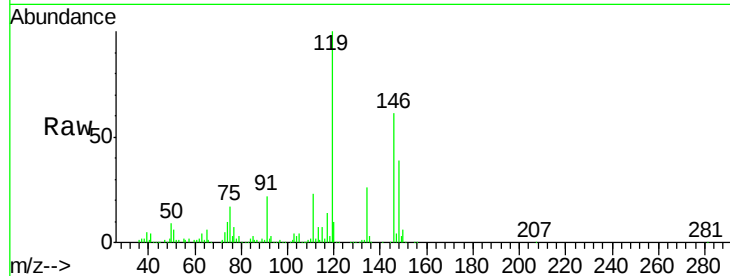
#87
 1,3-Dichlorobenzene
 Concen: 47.312 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.5
148	64.8	31.7	95.1

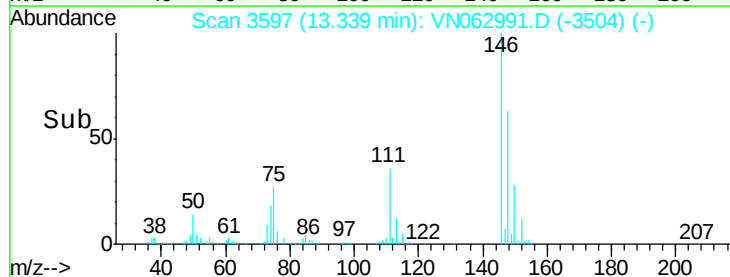
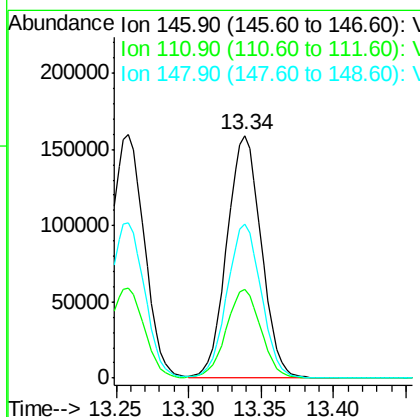
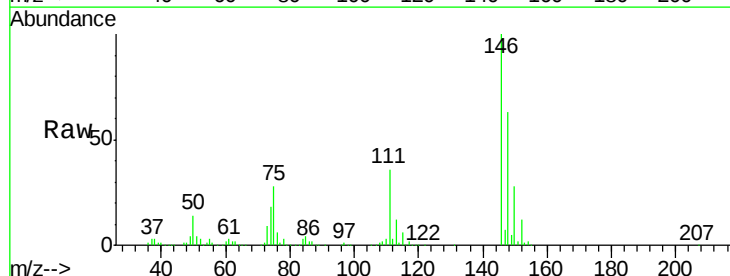
Manual Integrations
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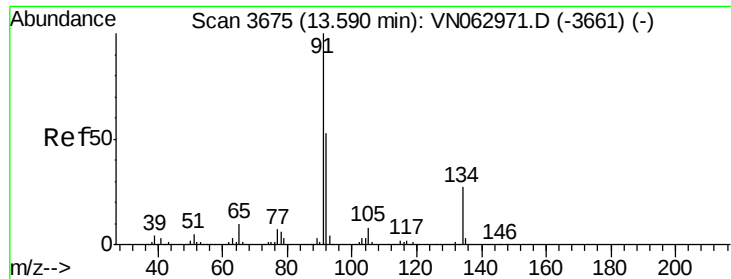
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#88
 1,4-Dichlorobenzene
 Concen: 45.658 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.2
148	63.4	32.1	96.5





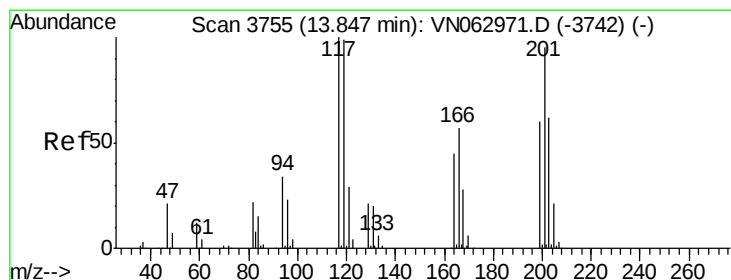
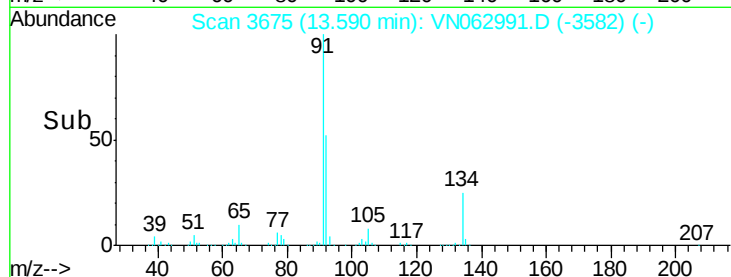
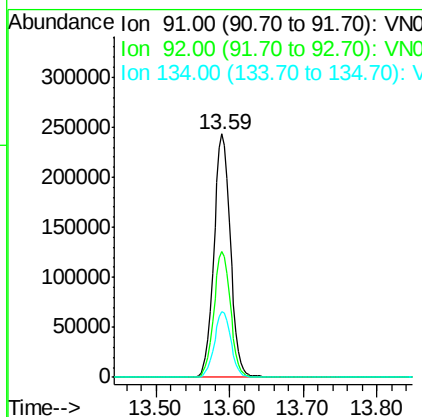
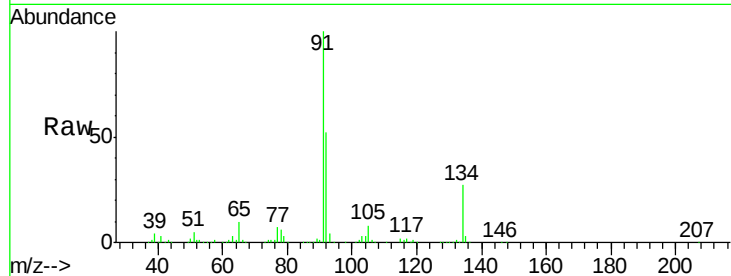
#89
n-Butylbenzene
Concen: 46.820 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.3	78.8
134	27.1	13.4	40.2

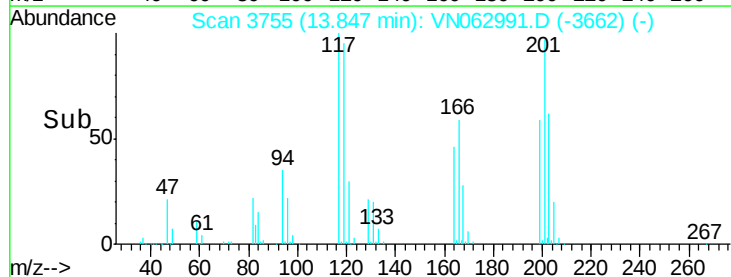
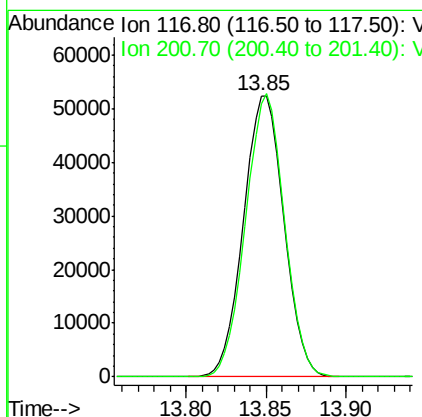
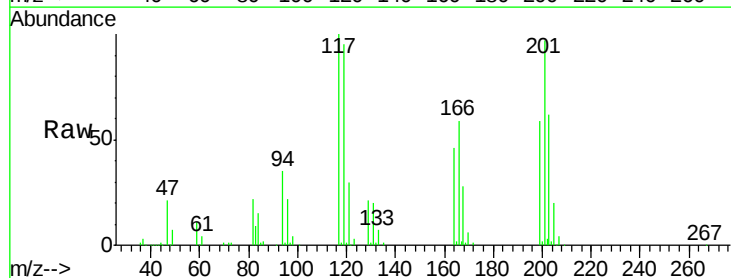
Manual Integrations
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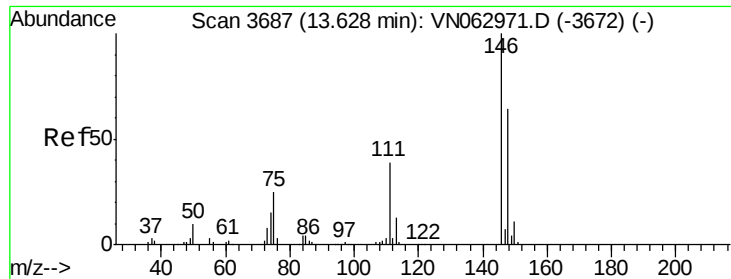
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#90
Hexachloroethane
Concen: 45.074 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.8	48.4	145.3





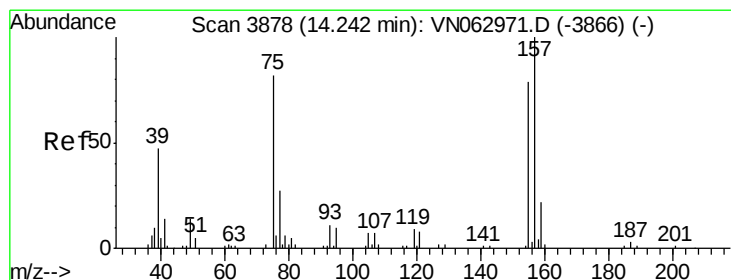
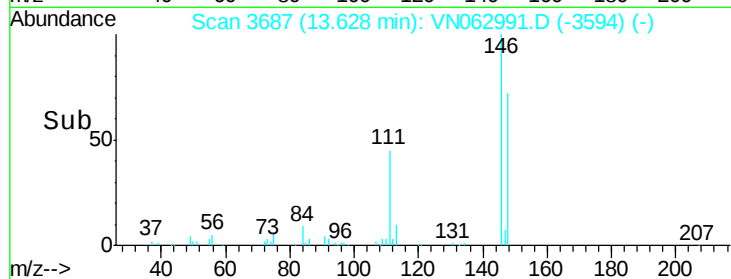
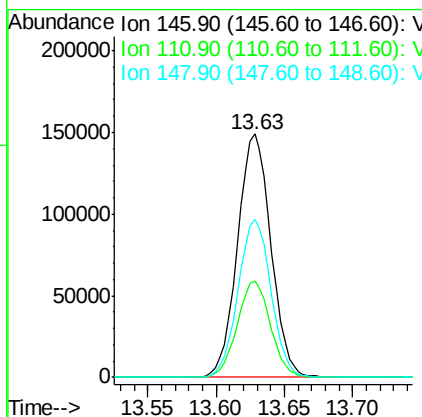
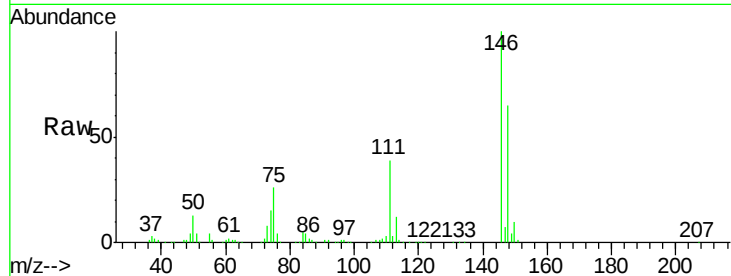
#91
 1,2-Dichlorobenzene
 Concen: 47.412 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.4
148	64.1	32.5	97.5

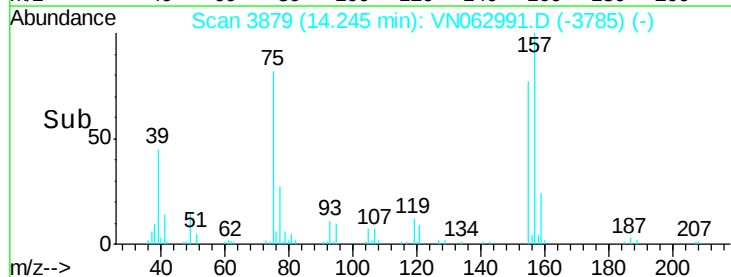
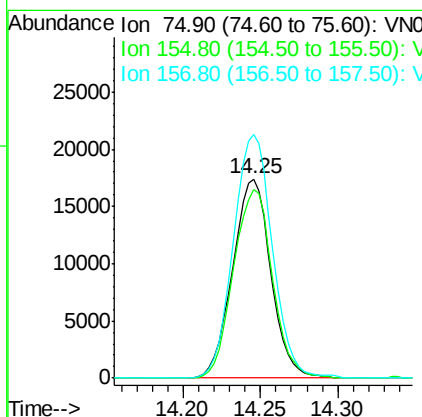
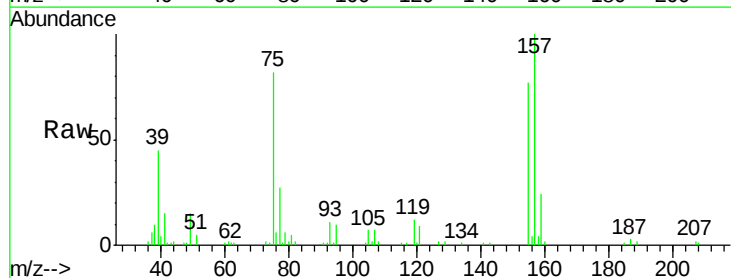
Manual Integrations
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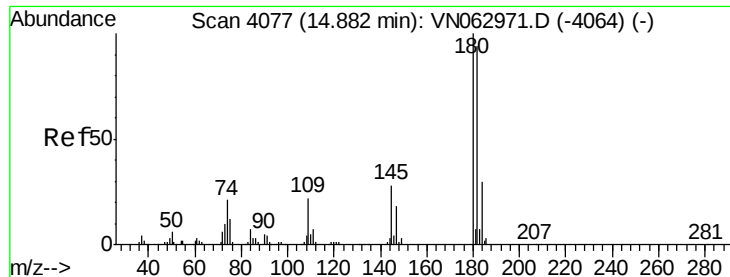
MMDadoda
 8/18/2020 11:13:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.183 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	47.6	142.8
157	125.0	61.4	184.1





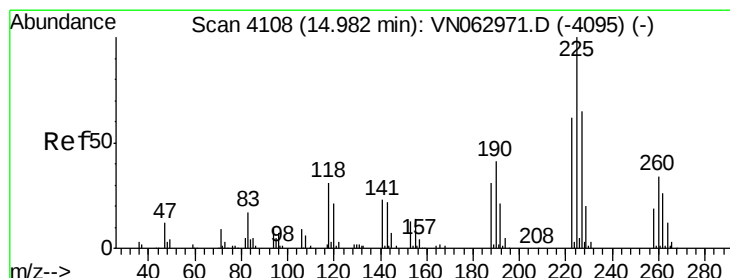
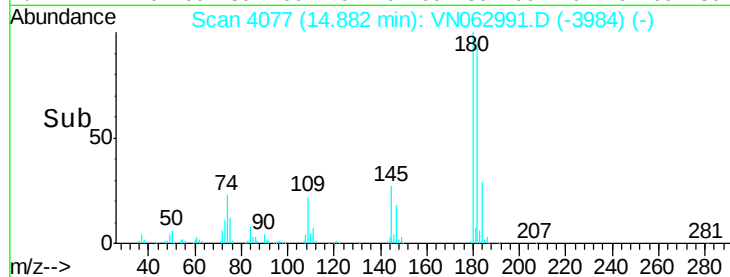
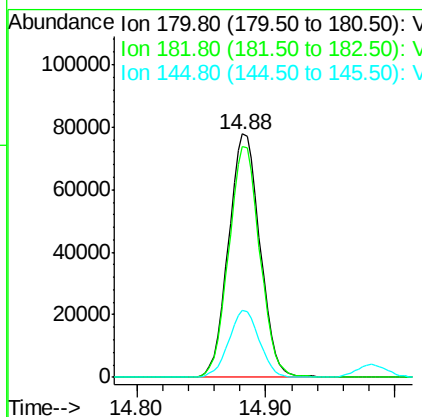
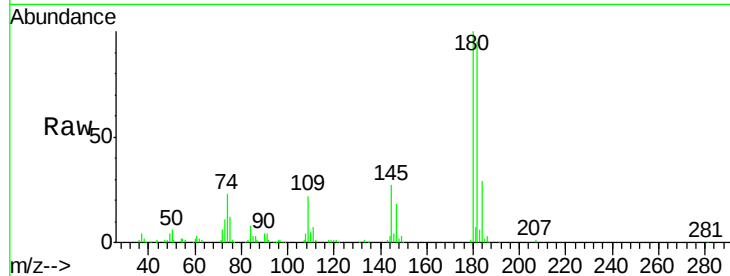
#93
 1,2,4-Trichlorobenzene
 Concen: 43.838 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	131578
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.8	143.3
145	27.0	13.9	41.7

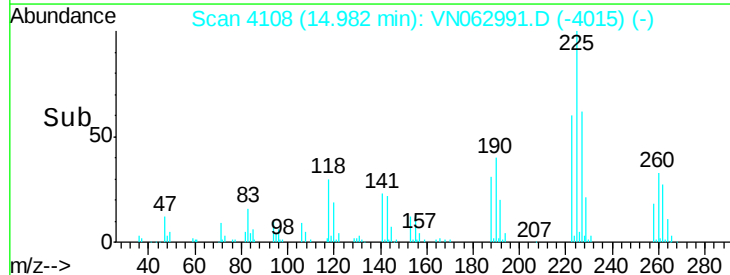
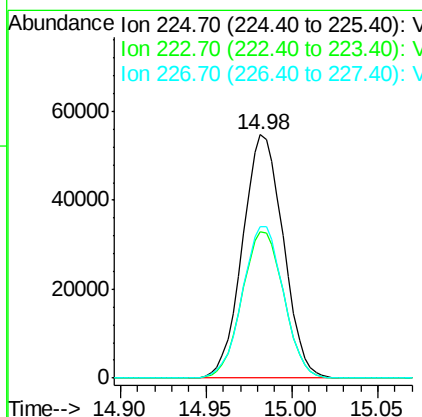
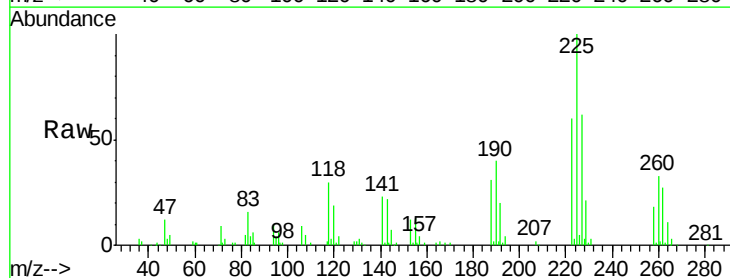
Manual Integrations
 APPROVED

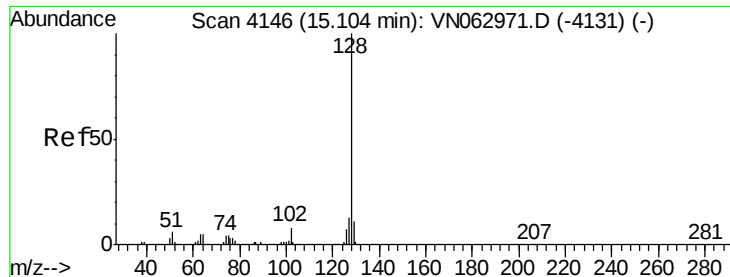
MMDadoda
 8/18/2020 11:13:09 AM



#94
 Hexachlorobutadiene
 Concen: 43.649 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion:	225	Resp:	90055
Ion Ratio	Lower	Upper	
225	100		
223	61.6	30.9	92.5
227	62.9	32.0	96.0





#95

Naphthalene

Concen: 49.635 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

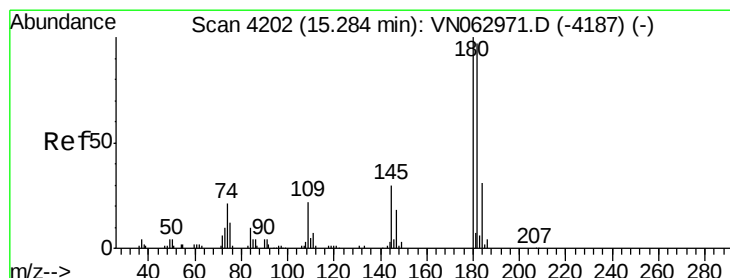
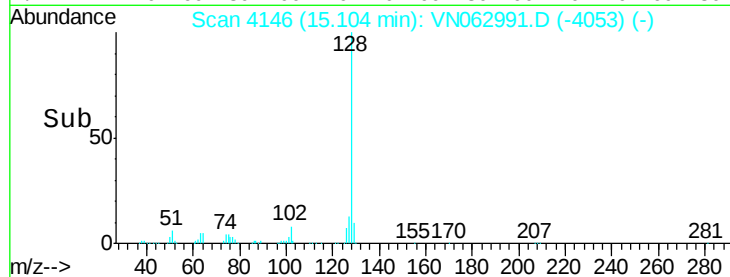
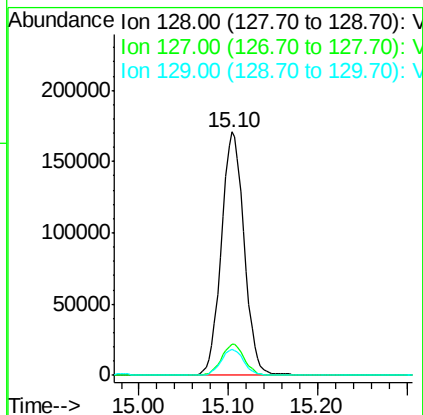
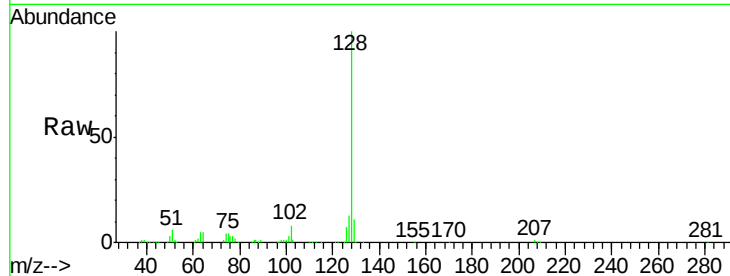
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	302567
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	15.8
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
8/18/2020 11:13:09 AM



#96

1,2,3-Trichlorobenzene

Concen: 43.830 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Tgt Ion:	180	Resp:	129879
Ion Ratio	Lower	Upper	
180	100		
182	95.9	49.3	147.8
145	29.0	15.0	45.0

