

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061966.D
 Acq On : 19 Jun 2020 20:48
 Operator : JC/MD
 Sample : L2984-03MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 1:27:28 PM

Quant Time: Jun 22 01:35:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	155919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	282480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126273	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	112754	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	7.55	113	91473	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	10.06	98	352048	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.38	95	121103	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	86525	42.692	ug/l 98
3) Chloromethane	2.03	50	116463	53.812	ug/l 100
4) Vinyl Chloride	2.16	62	153179	59.371	ug/l 100
5) Bromomethane	2.51	94	81761	41.267	ug/l 93
6) Chloroethane	2.66	64	90551	51.858	ug/l 100
7) Trichlorofluoromethane	2.98	101	135302	43.903	ug/l 99
8) Diethyl Ether	3.37	74	63110	60.913	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	68054	43.043	ug/l 100
10) Methyl Iodide	3.91	142	95704	50.138	ug/l 99
11) Tert butyl alcohol	4.74	59	106237	367.137	ug/l 98
12) 1,1-Dichloroethene	3.69	96	83670	52.815	ug/l 97
13) Acrolein	3.56	56	54792	316.814	ug/l 99
14) Allyl chloride	4.27	41	122387	58.208	ug/l 98
15) Acrylonitrile	4.93	53	252303	351.886	ug/l 98
16) Acetone	3.77	43	363854	589.071	ug/l 98
17) Carbon Disulfide	4.00	76	237810	51.303	ug/l 98
18) Methyl Acetate	4.28	43	121946	68.575	ug/l 100
19) Methyl tert-butyl Ether	4.99	73	317357	60.166	ug/l 99
20) Methylene Chloride	4.50	84	105963	52.656	ug/l 99
21) trans-1,2-Dichloroethene	4.99	96	106634	58.601	ug/l 99
22) Diisopropyl ether	5.90	45	280299	58.290	ug/l 99
23) Vinyl Acetate	5.84	43	1157418	306.026	ug/l 98
24) 1,1-Dichloroethane	5.80	63	172891	54.923	ug/l 99
25) 2-Butanone	6.78	43	3016287	3347.014	ug/l 99
26) 2,2-Dichloropropane	6.77	77	125736	47.476	ug/l 97
27) cis-1,2-Dichloroethene	6.78	96	144799	68.965	ug/l 99
28) Bromochloromethane	7.15	49	79332	56.602	ug/l 92
29) Tetrahydrofuran	7.16	42	258158	435.285	ug/l 91
30) Chloroform	7.33	83	184004	54.694	ug/l 100
31) Cyclohexane	7.61	56	120619	43.771	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	150751	52.616	ug/l 98
36) 1,1-Dichloropropene	7.75	75	128494	49.871	ug/l 99
37) Ethyl Acetate	6.88	43	146696	72.910	ug/l 98
38) Carbon Tetrachloride	7.73	117	121657	47.681	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	114984	41.445	ug/l	98
40) Benzene	8.00	78	414701	53.134	ug/l	99
41) Methacrylonitrile	7.13	41	78465m	91.200	ug/l	
42) 1,2-Dichloroethane	8.08	62	147280	55.342	ug/l	100
43) Isopropyl Acetate	8.13	43	227166	66.996	ug/l	98
44) Trichloroethene	8.80	130	103600	50.437	ug/l	100
45) 1,2-Dichloropropane	9.08	63	104906	54.694	ug/l	99
46) Dibromomethane	9.17	93	74757	55.348	ug/l	97
47) Bromodichloromethane	9.37	83	148627	53.739	ug/l	99
48) Methyl methacrylate	9.17	41	110081	71.390	ug/l	93
49) 1,4-Dioxane	9.17	88	39995	1129.738	ug/l #	77
51) 4-Methyl-2-Pentanone	9.95	43	726008	362.334	ug/l	99
52) Toluene	10.12	92	290938	59.354	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	163158	55.571	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	176534	55.357	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	108681	56.353	ug/l	99
56) Ethyl methacrylate	10.40	69	166247	56.061	ug/l	97
57) 1,3-Dichloropropane	10.68	76	184611	56.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	234297	230.191	ug/l	97
59) 2-Hexanone	10.72	43	567383	348.841	ug/l	100
60) Dibromochloromethane	10.87	129	115060	53.467	ug/l	100
61) 1,2-Dibromoethane	10.98	107	113518	56.370	ug/l	99
64) Tetrachloroethene	10.60	164	77875	46.165	ug/l	98
65) Chlorobenzene	11.41	112	281670	50.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	101062	51.887	ug/l	98
67) Ethyl Benzene	11.48	91	488456	52.166	ug/l	99
68) m/p-Xylenes	11.60	106	375633	104.038	ug/l	99
69) o-Xylene	11.92	106	181669	52.734	ug/l	97
70) Styrene	11.94	104	320425	55.549	ug/l	100
71) Bromoform	12.10	173	81069	57.084	ug/l #	100
73) Isopropylbenzene	12.22	105	463321	51.634	ug/l	100
74) N-amyl acetate	12.05	43	224108	67.803	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	170999	58.614	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	144769m	58.397	ug/l	
77) Bromobenzene	12.50	156	118416	52.309	ug/l	94
78) n-propylbenzene	12.57	91	524297	51.207	ug/l	99
79) 2-Chlorotoluene	12.65	91	320575	52.132	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	379683	51.145	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	57218	62.950	ug/l	99
82) 4-Chlorotoluene	12.75	91	332061	52.259	ug/l	99
83) tert-Butylbenzene	12.97	119	304407	48.368	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	391769	53.461	ug/l	100
85) sec-Butylbenzene	13.15	105	405163	49.185	ug/l	99
86) p-Isopropyltoluene	13.26	119	365530	49.798	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	209048	50.631	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	208632	49.365	ug/l	98
89) n-Butylbenzene	13.59	91	303559	49.519	ug/l	100
90) Hexachloroethane	13.85	117	65190	48.517	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	206925	52.058	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	35059	74.024	ug/l	95

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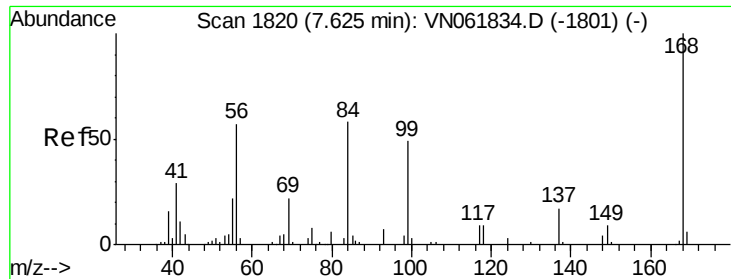
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	101455	54.091	ug/l	99
94) Hexachlorobutadiene	14.98	225	40691	55.082	ug/l	97
95) Naphthalene	15.10	128	374307	58.924	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	100017	53.843	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061966.D

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Instrument :

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ClientSampleId :

S49-0563MSD

Tot Ion:168 Resp: 155919

Ion Ratio Lower Upper

168 100

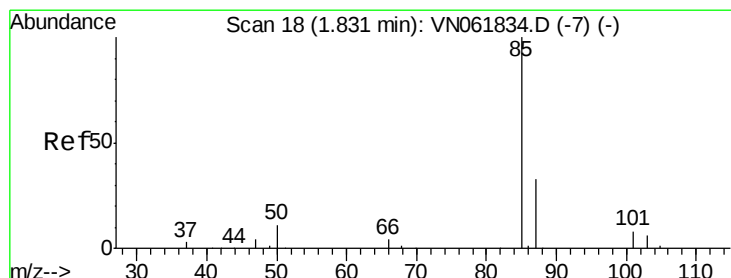
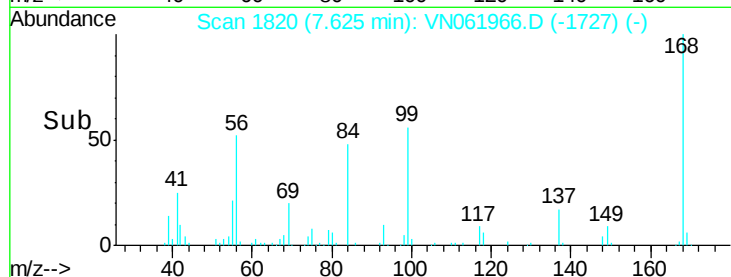
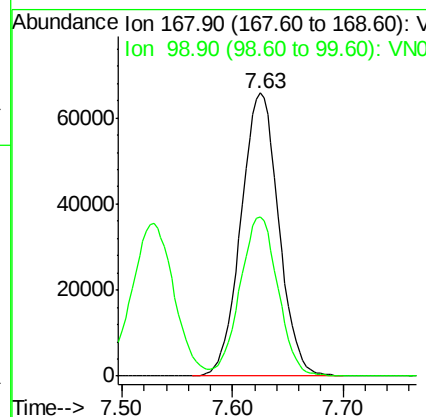
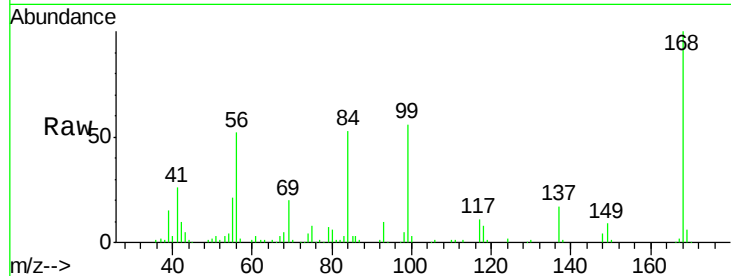
99 56.2 44.6 67.0

Manual Integrations

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6/22/2020 1:27:28 PM



#2

Dichlorodifluoromethane

Concen: 42.692 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061966.D

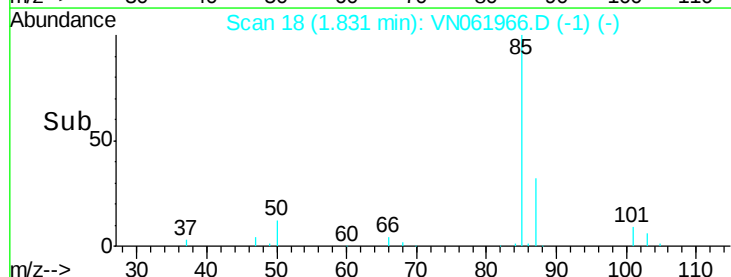
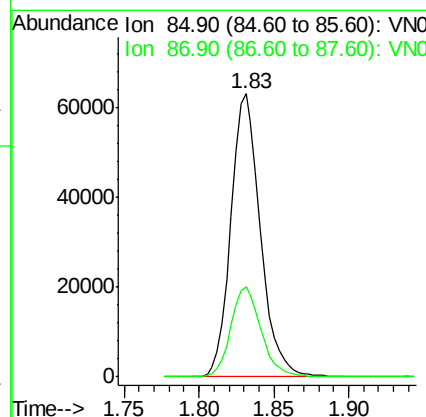
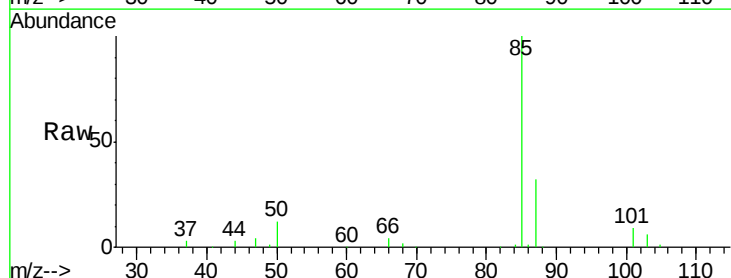
Acq: 19 Jun 2020 20:48

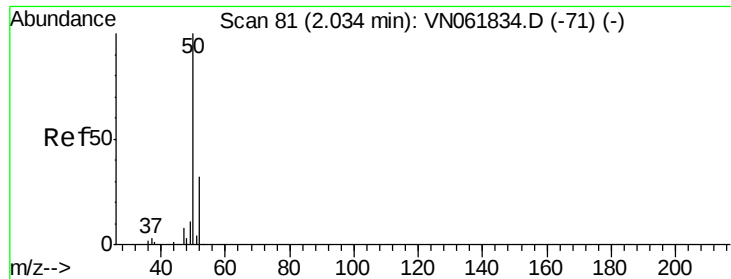
Tgt Ion: 85 Resp: 86525

Ion Ratio Lower Upper

85 100

87 31.9 16.6 49.8





#3

Chloromethane

Concen: 53.812 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

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ClientSampleId :

S49-0563MSD

Tot Ion: 50 Resp: 116463

Ion Ratio Lower Upper

50 100

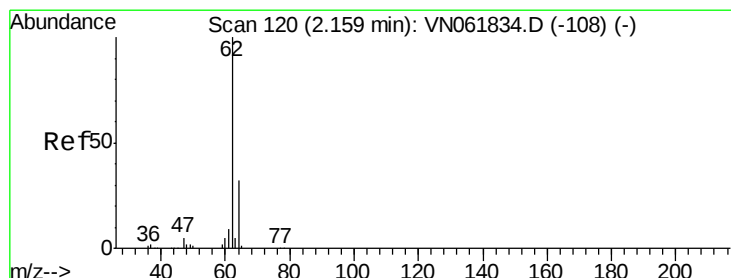
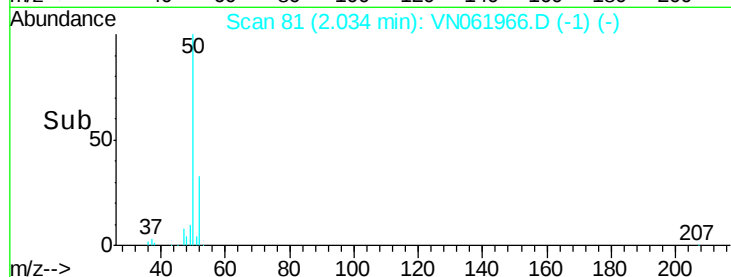
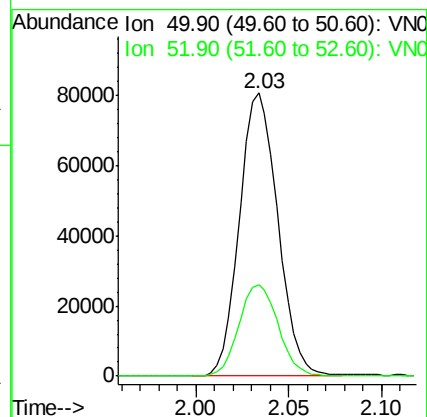
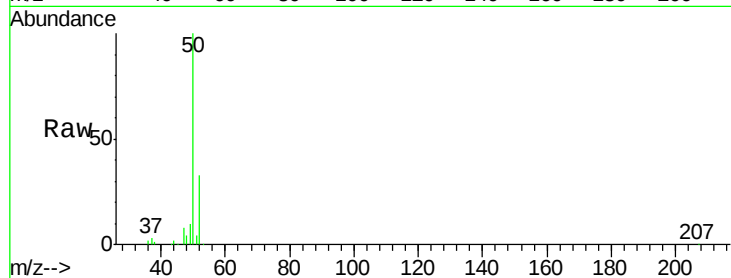
52 32.5 26.0 39.0

Manual Integrations

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6/22/2020 1:27:28 PM



#4

Vinyl Chloride

Concen: 59.371 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061966.D

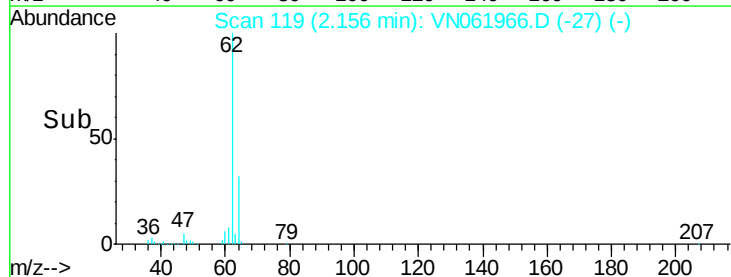
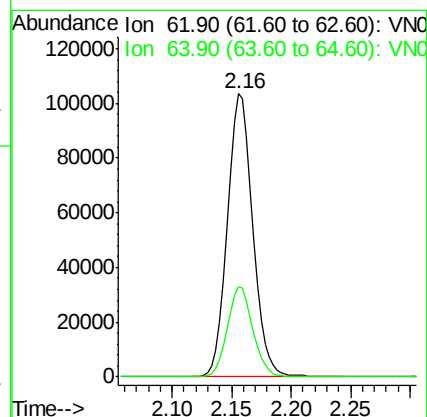
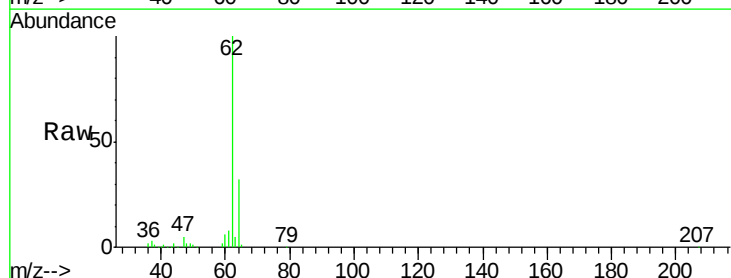
Acq: 19 Jun 2020 20:48

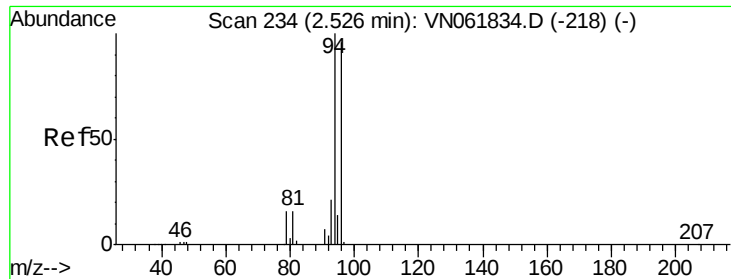
Tgt Ion: 62 Resp: 153179

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 41.267 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.01 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

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Tot Ion: 94 Resp: 81761

Ion Ratio Lower Upper

94 100

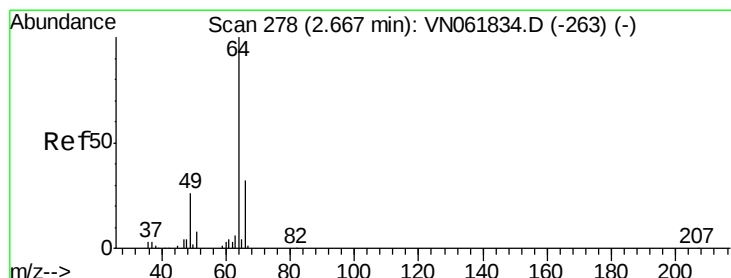
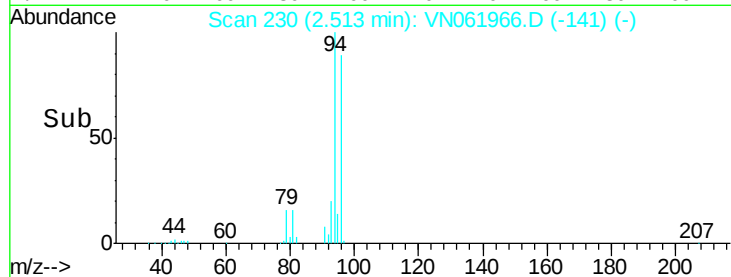
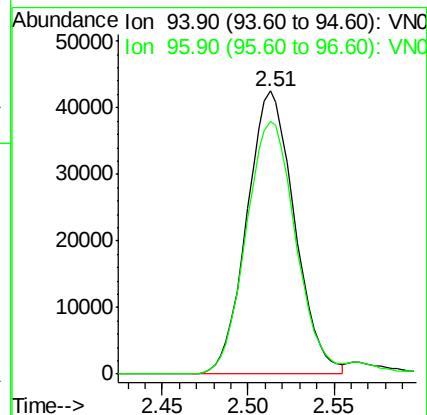
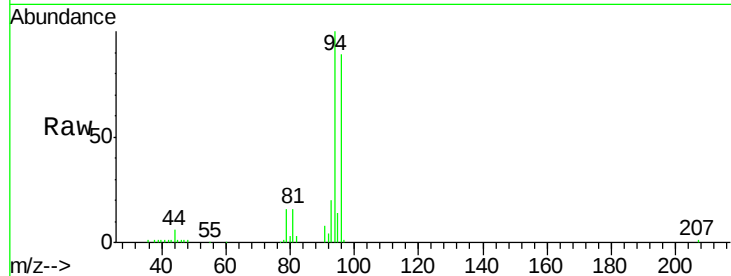
96 89.5 76.7 115.1

Manual Integrations

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6/22/2020 1:27:28 PM



#6

Chloroethane

Concen: 51.858 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN061966.D

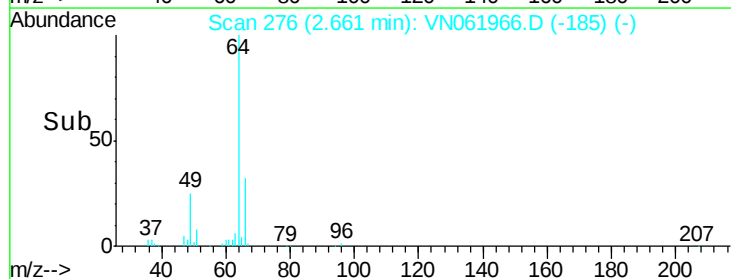
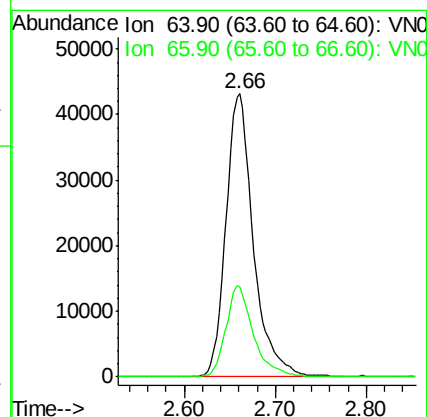
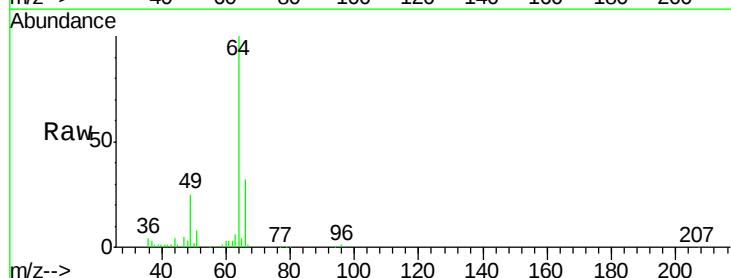
Acq: 19 Jun 2020 20:48

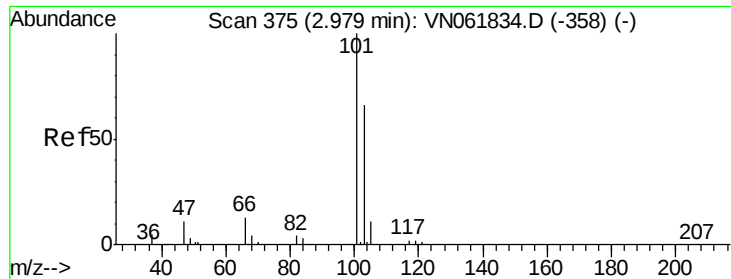
Tgt Ion: 64 Resp: 90551

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.2





#7

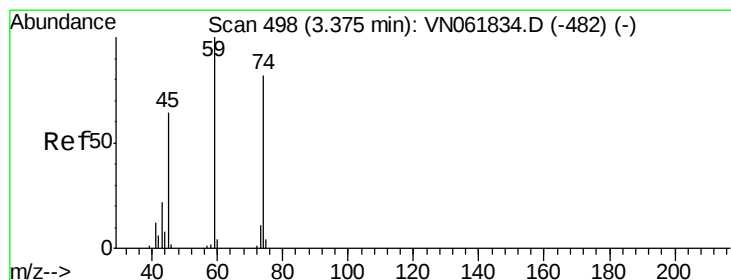
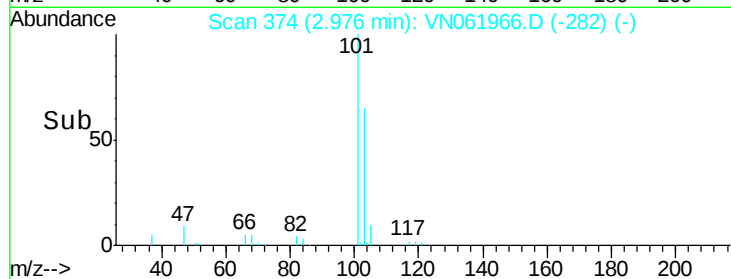
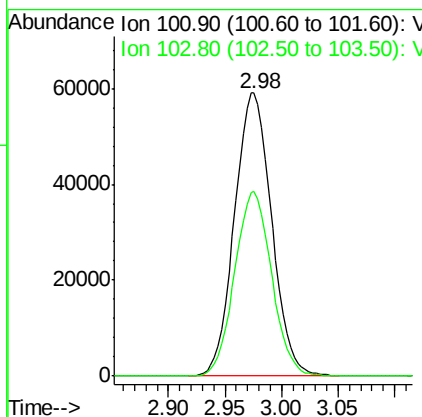
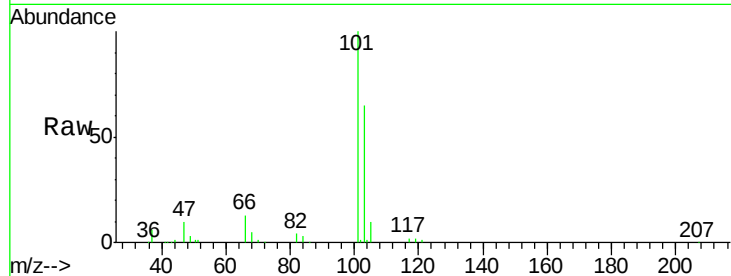
Trichlorofluoromethane
 Concen: 43.903 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

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 S49-0563MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.8	79.2

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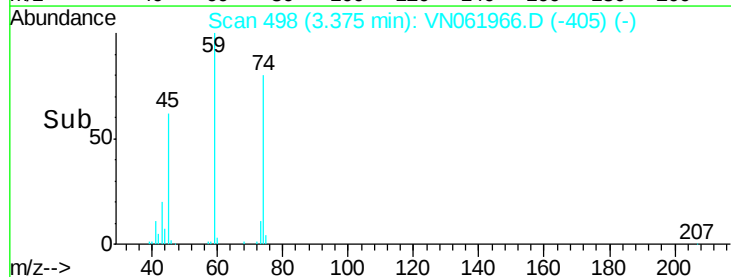
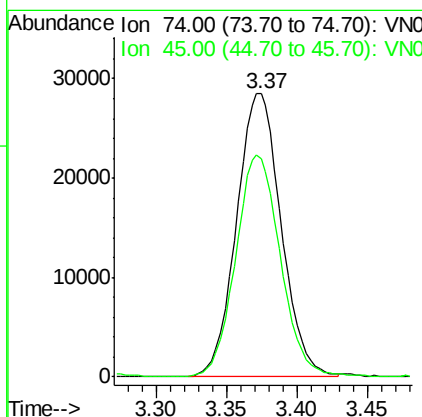
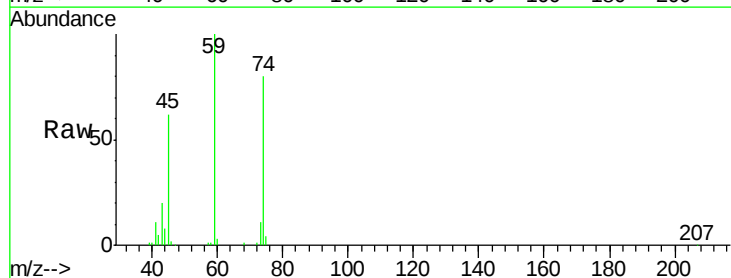
MMDadoda
 6/22/2020 1:27:28 PM

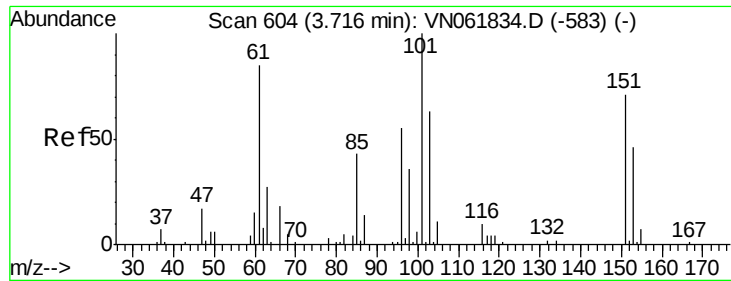


#8

Diethyl Ether
 Concen: 60.913 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.5	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.043 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

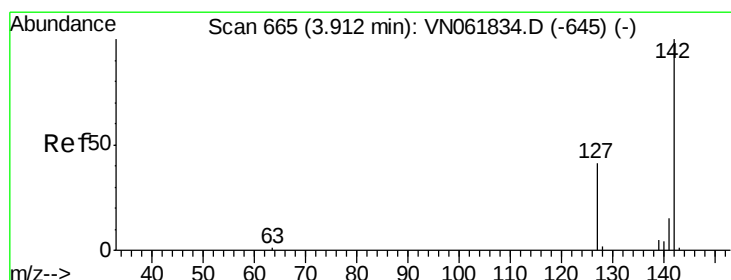
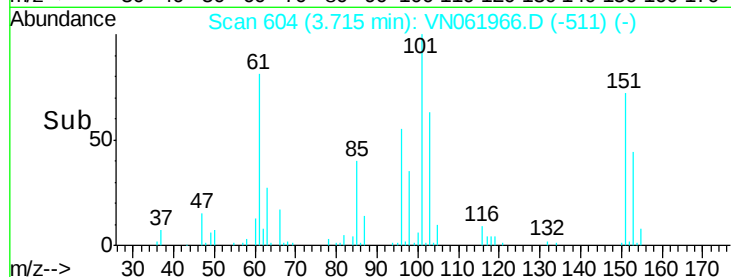
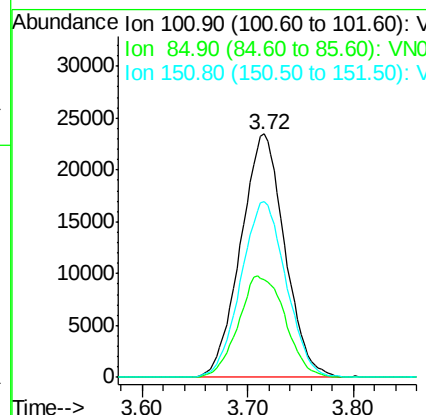
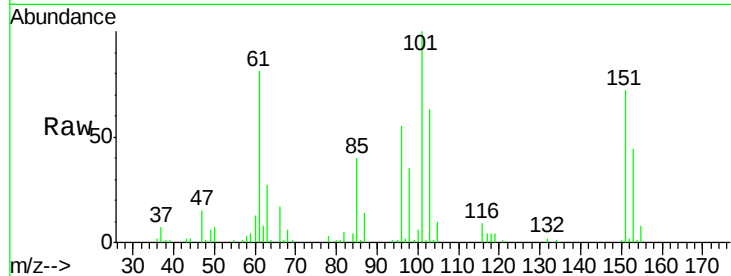
ClientSampleId :

S49-0563MSD

Tot Ion:	101	Resp:	68054
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.0	52.6
151	74.2	59.2	88.8

Manual Integrations
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#10

Methyl Iodide

Concen: 50.138 ug/l

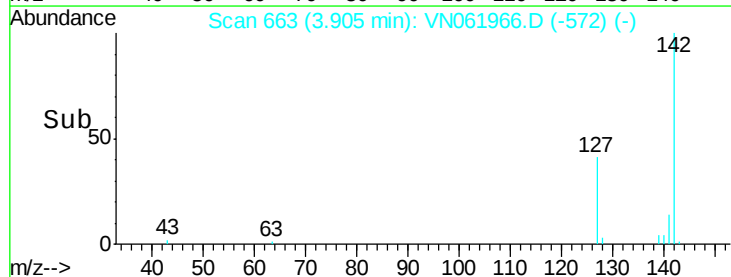
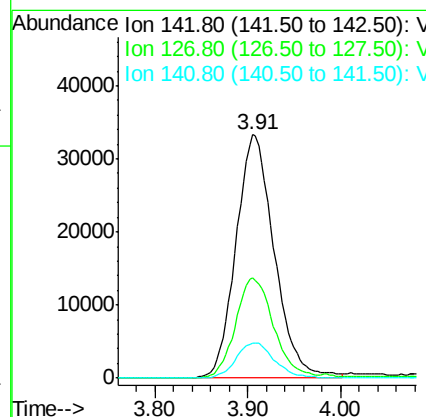
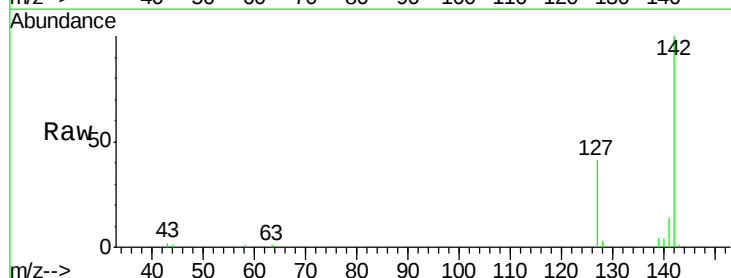
RT: 3.91 min Scan# 663

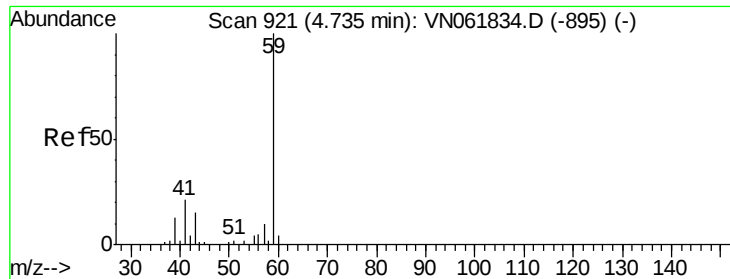
Delta R.T. -0.01 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Tgt Ion:	142	Resp:	95704
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.4	50.0
141	14.4	11.3	16.9





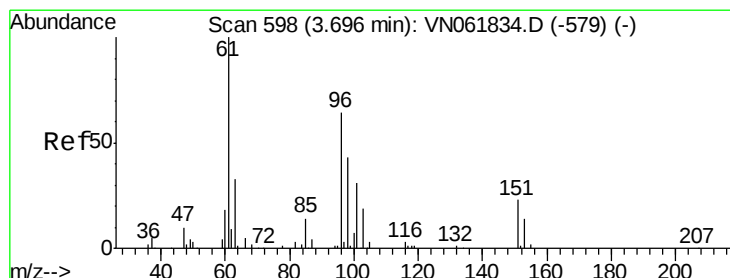
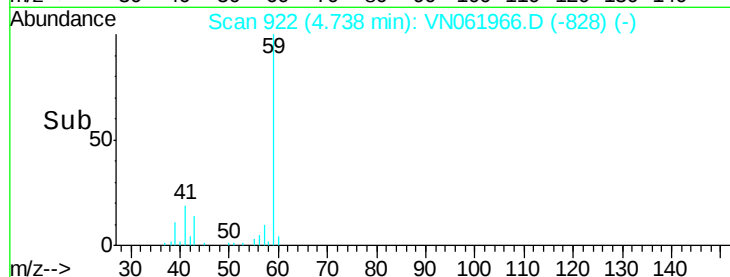
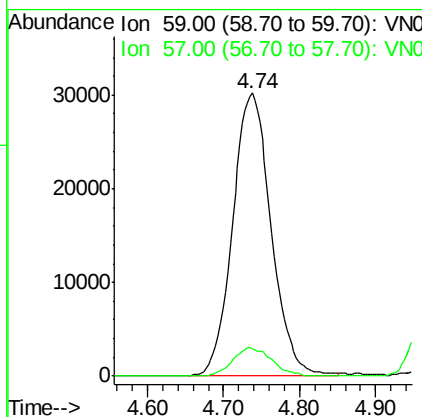
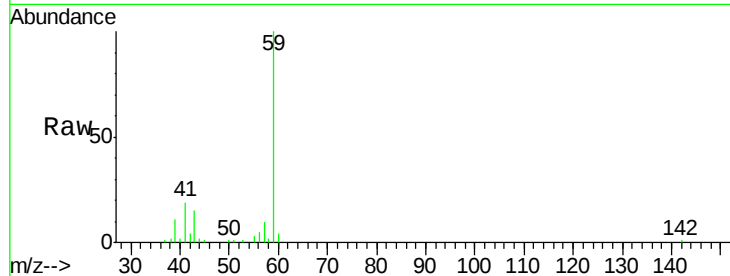
#11
Tert butyl alcohol
Concen: 367.137 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion: 59 Resp: 106237
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5

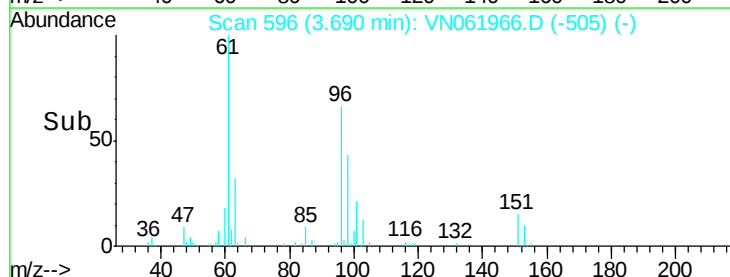
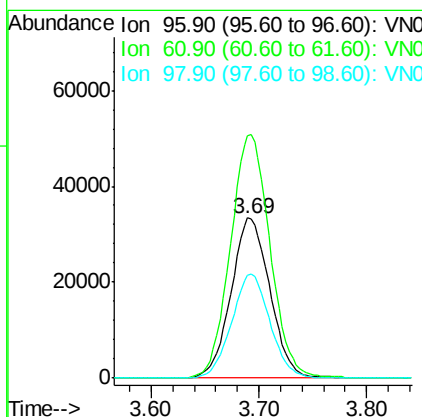
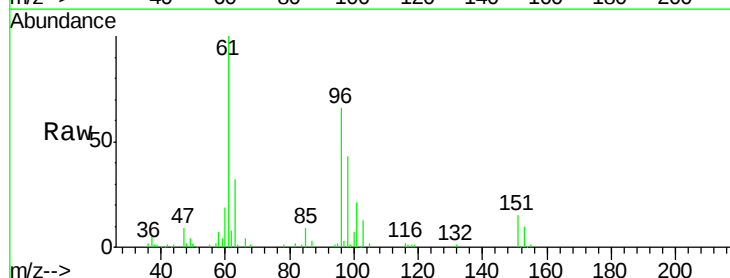
Manual Integrations
APPROVED

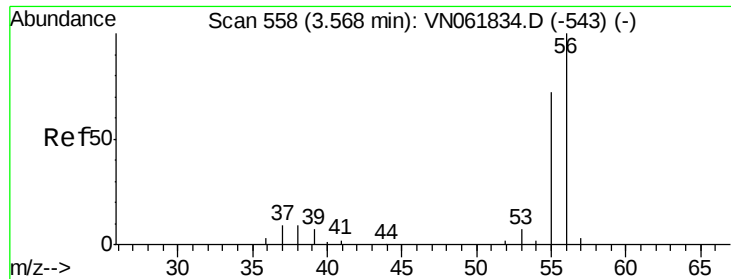
MMDadoda
6/22/2020 1:27:28 PM



#12
1,1-Dichloroethene
Concen: 52.815 ug/l
RT: 3.69 min Scan# 596
Delta R.T. -0.01 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 96 Resp: 83670
Ion Ratio Lower Upper
96 100
61 151.9 124.3 186.5
98 64.7 53.1 79.7





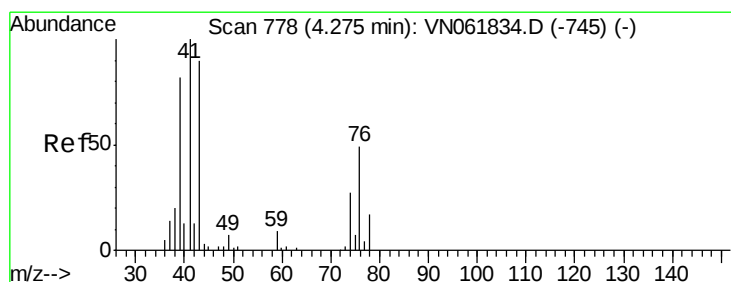
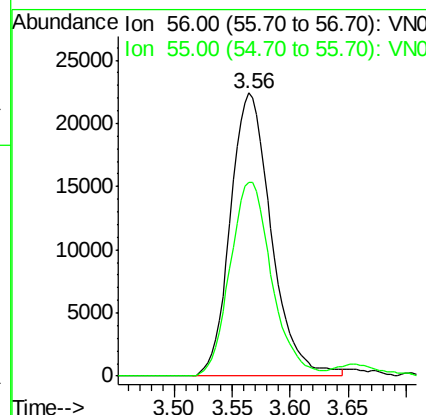
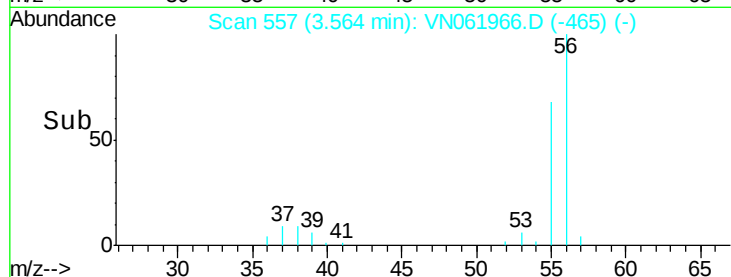
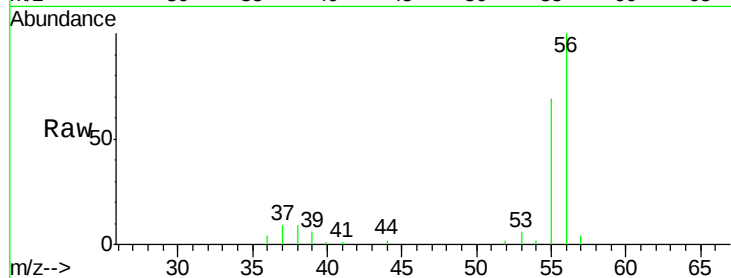
#13
Acrolein
Concen: 316.814 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.6	56.2	84.4

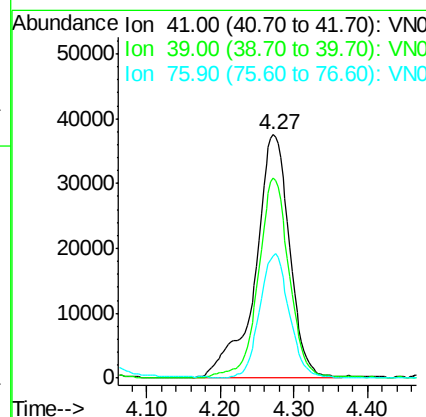
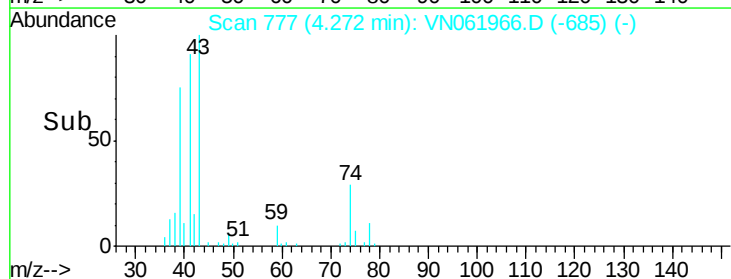
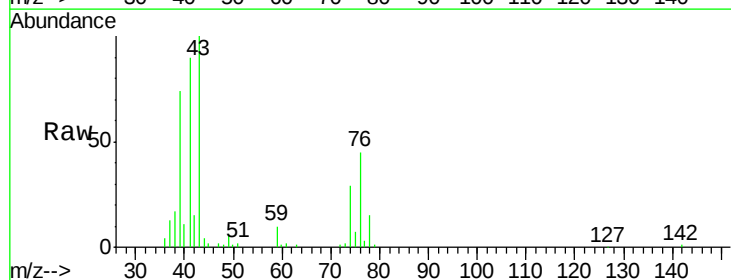
Manual Integrations
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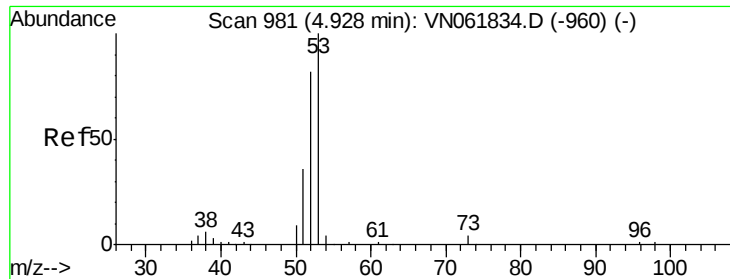
MMDadoda
6/22/2020 1:27:28 PM



#14
Allyl chloride
Concen: 58.208 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	73.3	60.2	90.2
76	76	43.9	36.3	54.5





#15

Acrylonitrile

Concen: 351.886 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

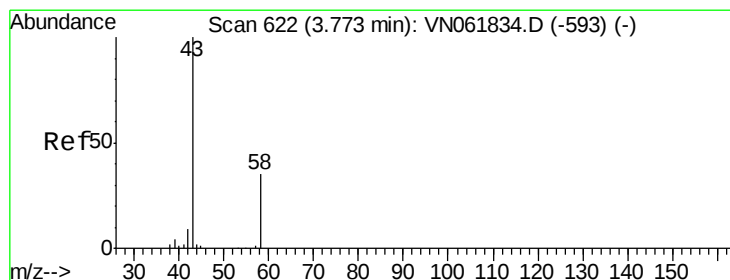
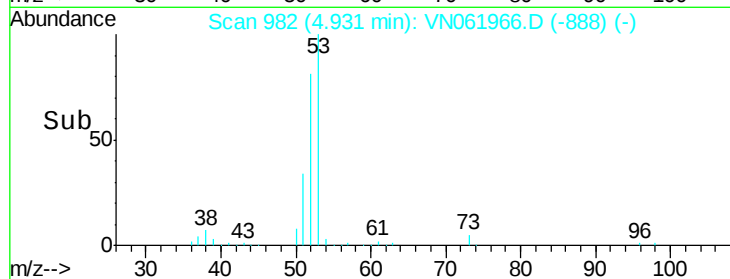
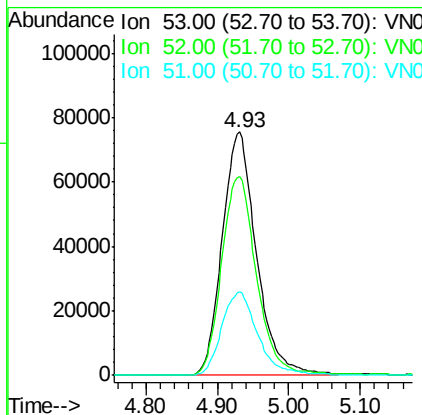
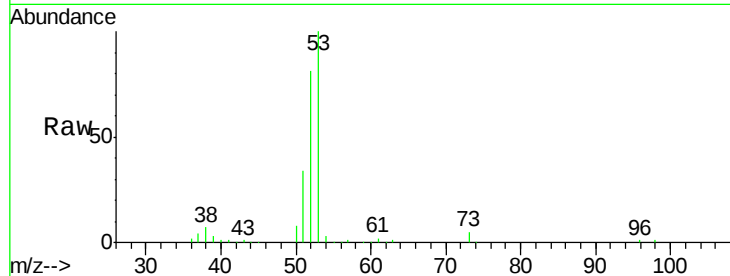
ClientSampleId :

S49-0563MSD

Tot Ion:	53	Resp:	252303
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.2	97.8
51	36.2	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 589.071 ug/l

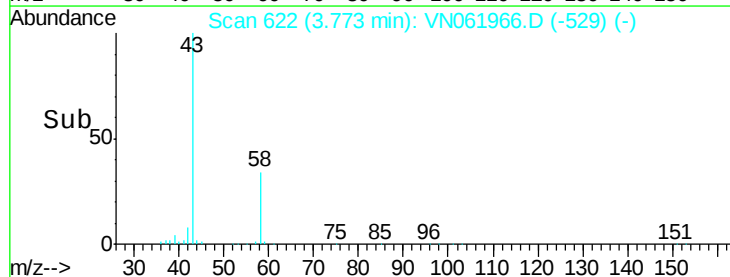
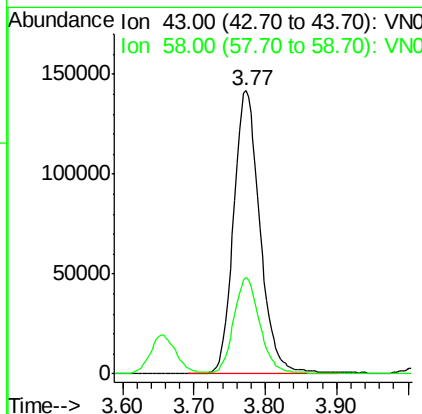
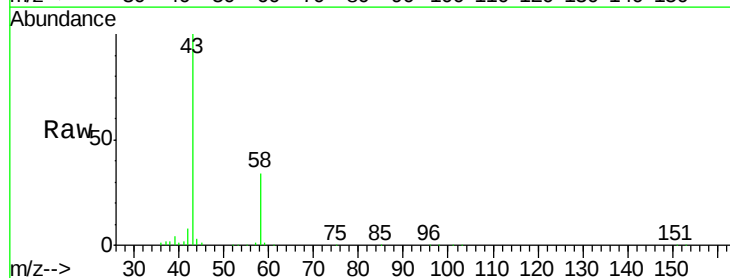
RT: 3.77 min Scan# 622

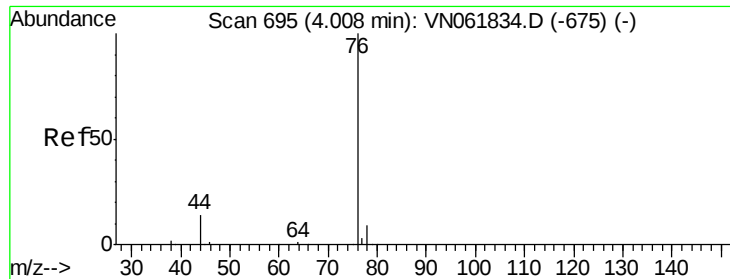
Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Tgt Ion:	43	Resp:	363854
Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.8	41.8





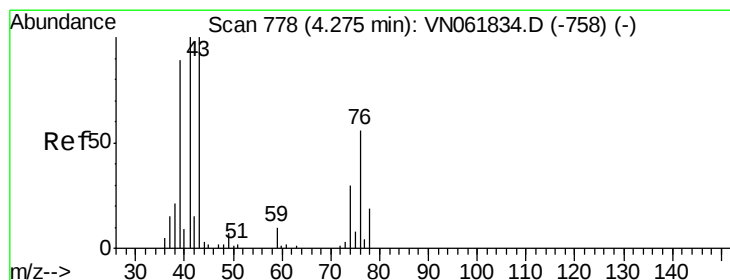
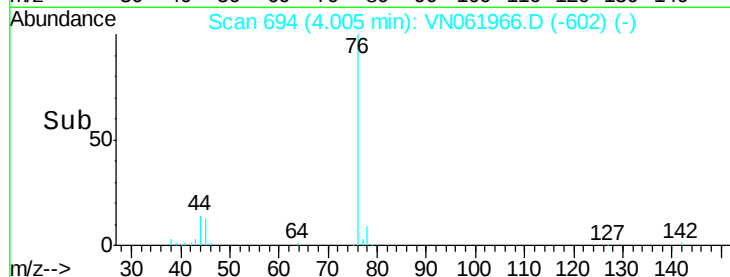
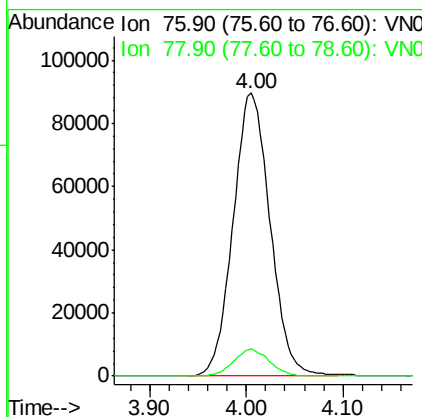
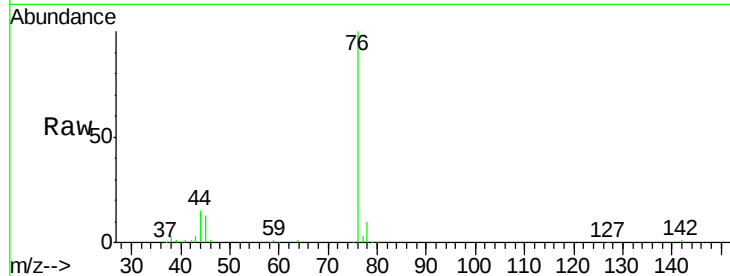
#17
Carbon Disulfide
Concen: 51.303 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.3	10.9

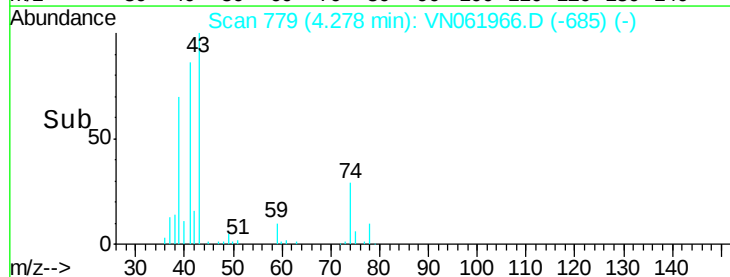
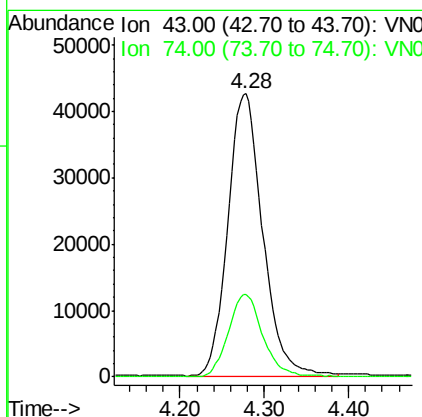
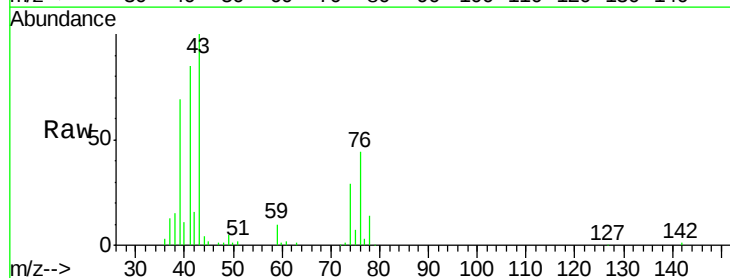
Manual Integrations
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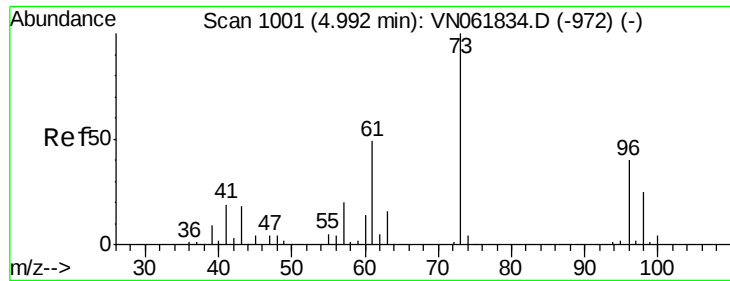
MMDadoda
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#18
Methyl Acetate
Concen: 68.575 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.9	23.0	34.4





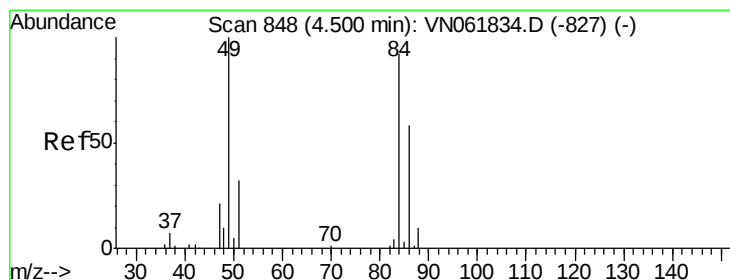
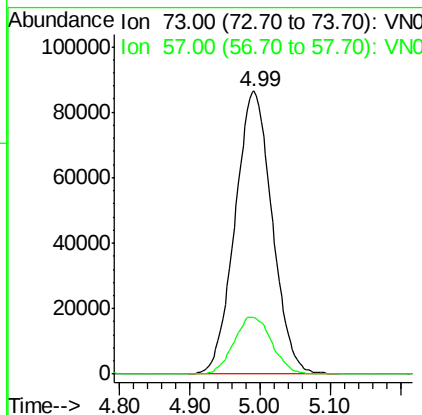
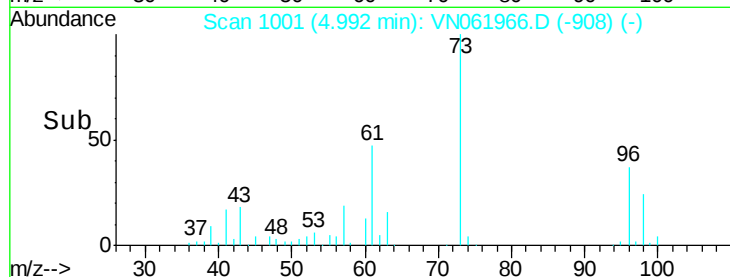
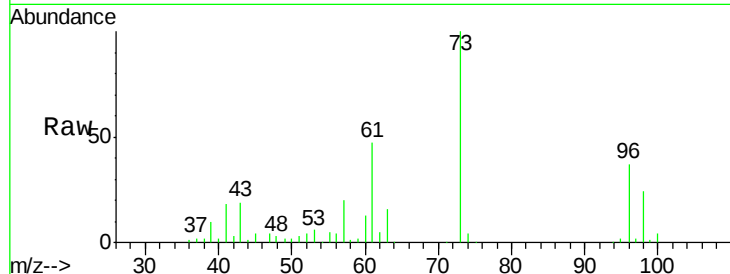
#19
Methvl tert-butvl Ether
Concen: 60.166 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion: 73 Resp: 317357
Ion Ratio Lower Upper
73 100
57 19.9 16.2 24.4

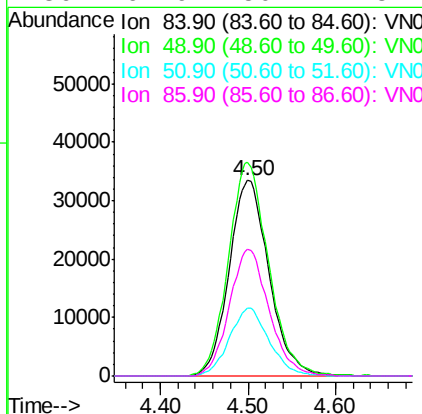
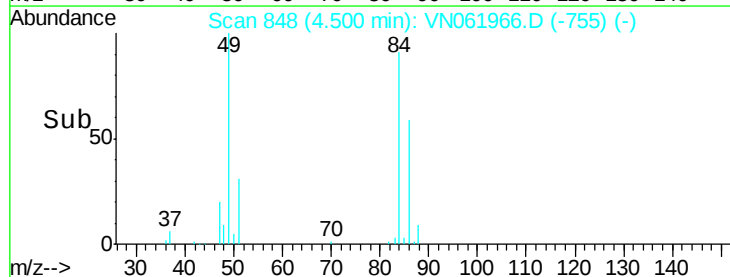
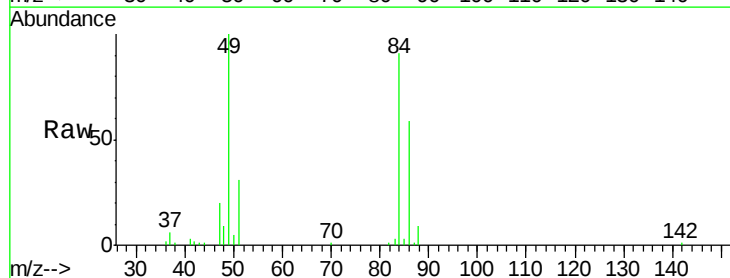
Manual Integrations
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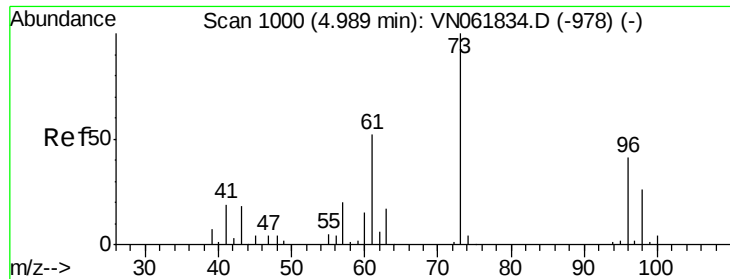
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#20
Methylene Chloride
Concen: 52.656 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 84 Resp: 105963
Ion Ratio Lower Upper
84 100
49 109.4 87.0 130.4
51 34.4 27.8 41.6
86 64.9 50.2 75.2





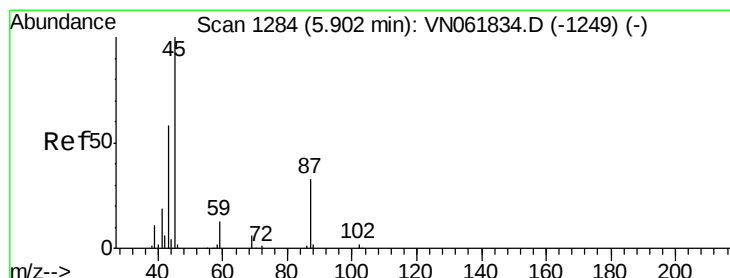
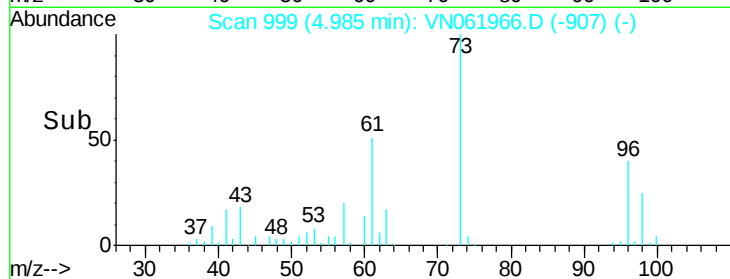
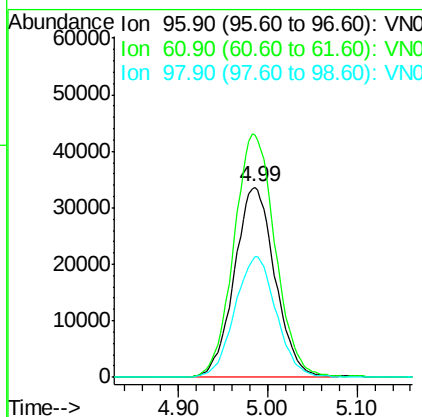
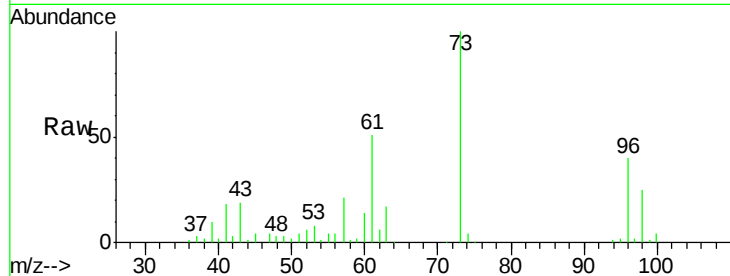
#21
trans-1,2-Dichloroethene
Concen: 58.601 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.5	102.2	153.4
98	63.2	51.2	76.8

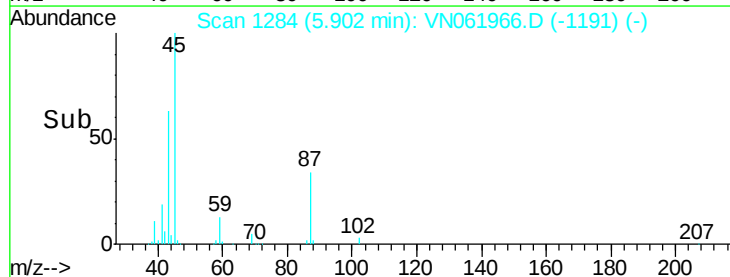
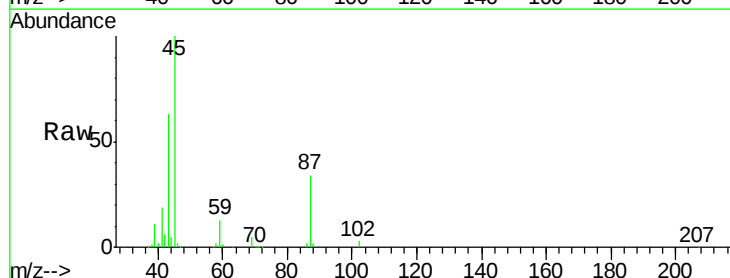
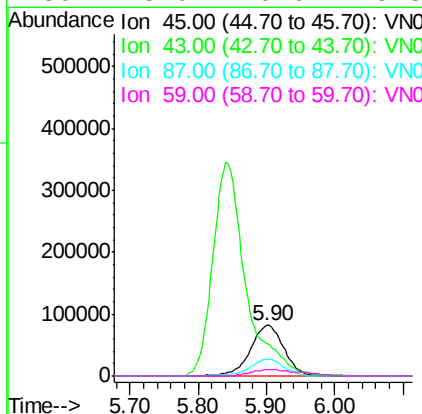
Manual Integrations
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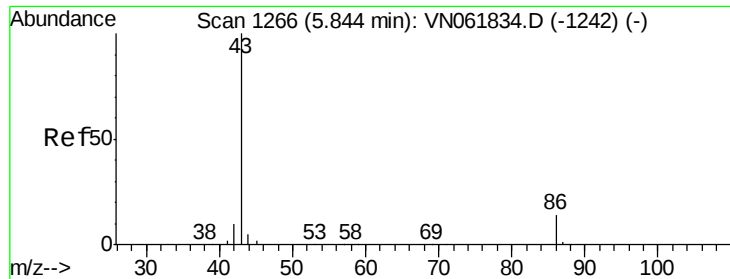
MMDadoda
6/22/2020 1:27:28 PM



#22
Diisopropyl ether
Concen: 58.290 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.1	49.4	74.2
87	33.9	27.4	41.0
59	13.0	10.6	15.8





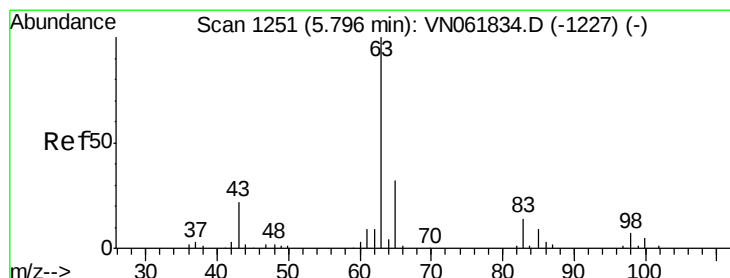
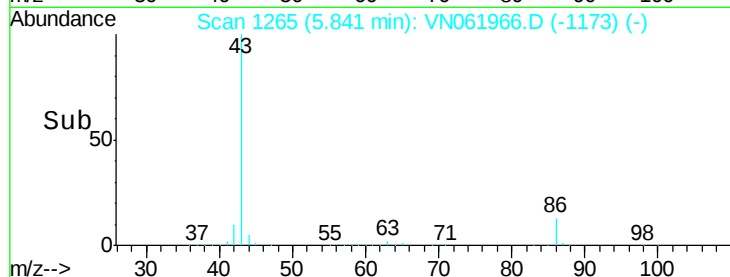
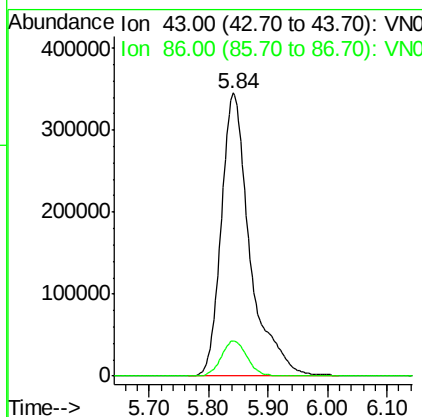
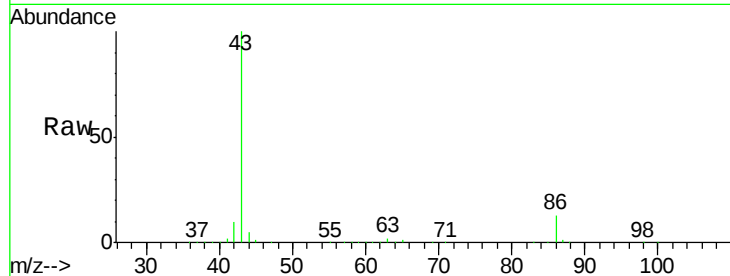
#23
 Vinyl Acetate
 Concen: 306.026 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion: 43 Resp: 1157418
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.9 16.3

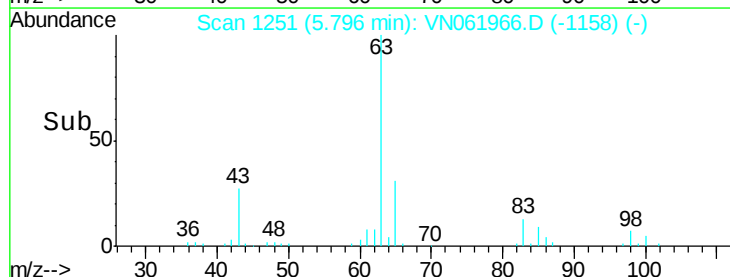
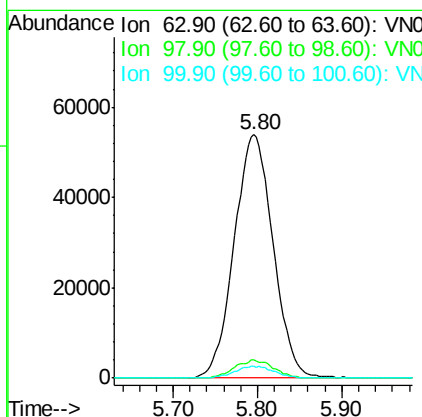
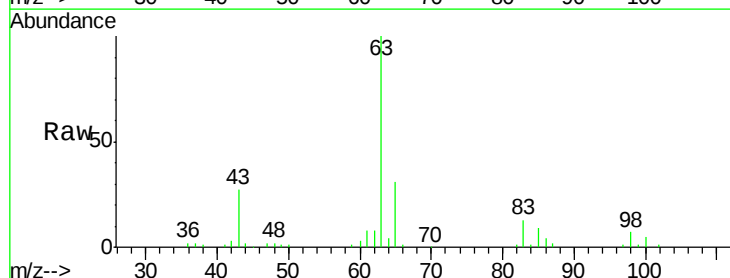
Manual Integrations
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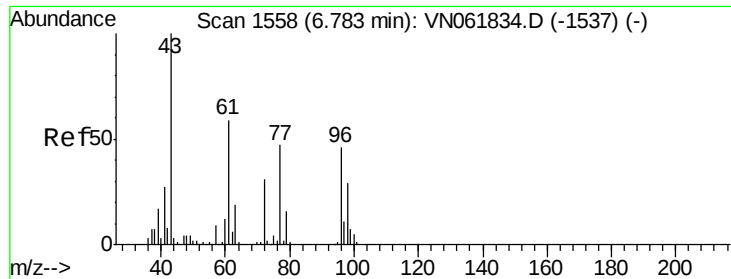
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 54.923 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion: 63 Resp: 172891
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 3347.014 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

Tot Ion: 43 Resp: 3016287

Ion Ratio Lower Upper

43 100

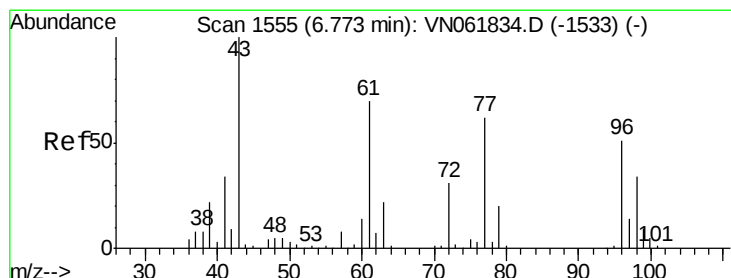
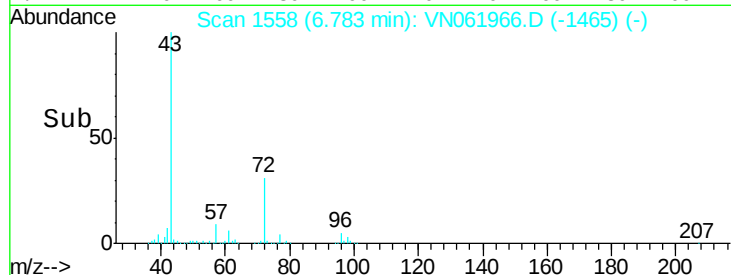
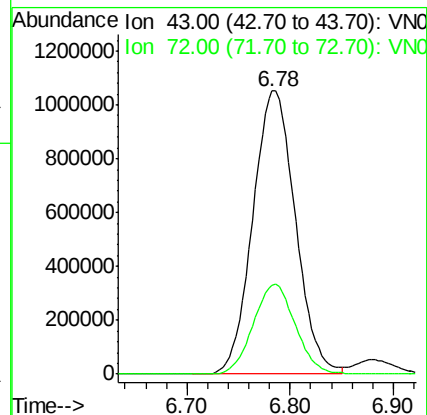
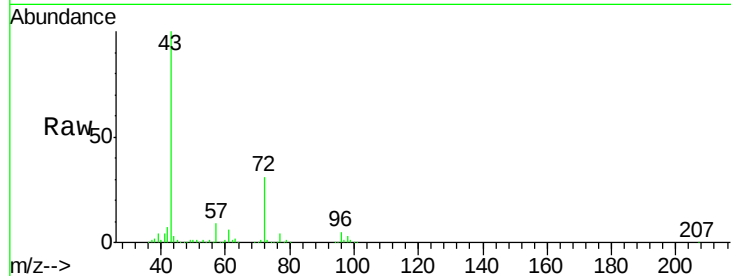
72 31.5 24.6 37.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.476 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061966.D

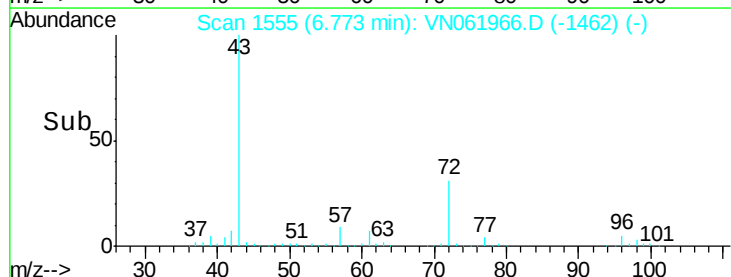
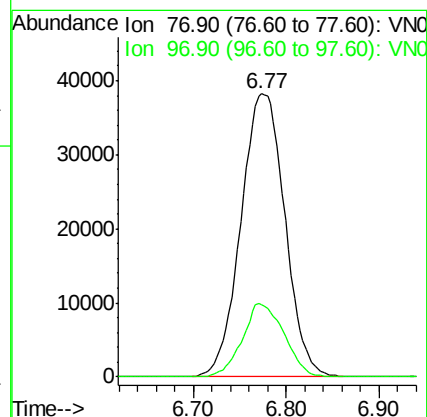
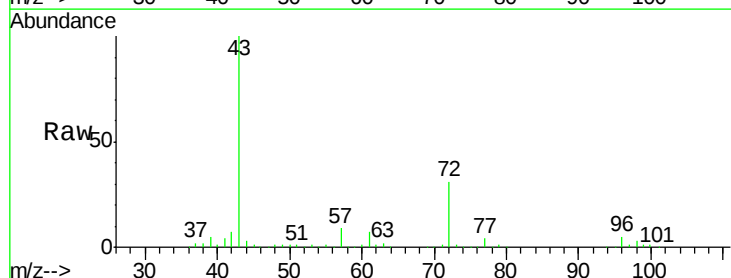
Acq: 19 Jun 2020 20:48

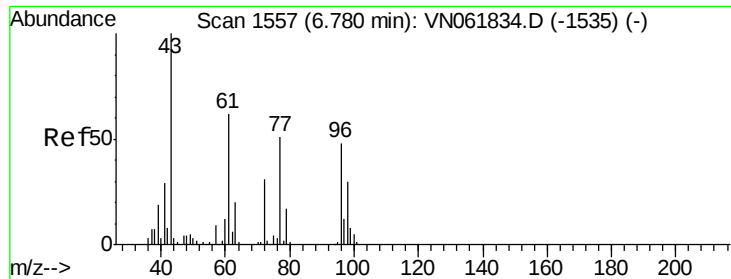
Tgt Ion: 77 Resp: 125736

Ion Ratio Lower Upper

77 100

97 24.5 11.7 35.0





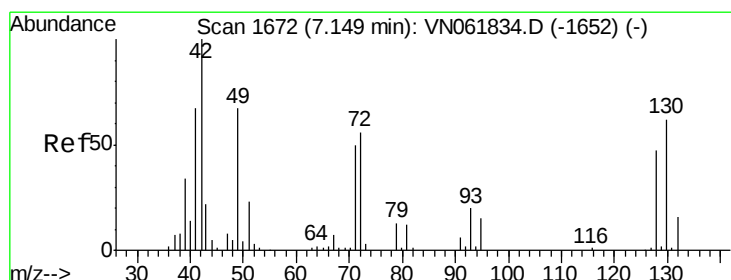
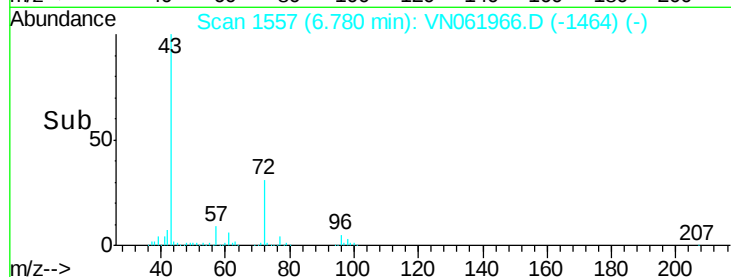
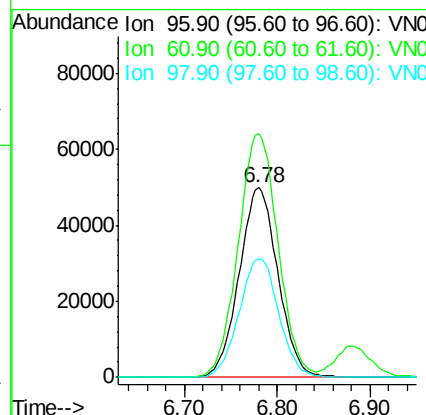
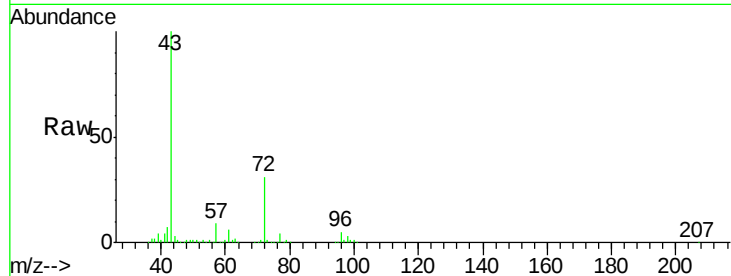
#27
 cis-1,2-Dichloroethene
 Concen: 68.965 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	131.4	0.0	265.6	
98	63.8	0.0	128.2	

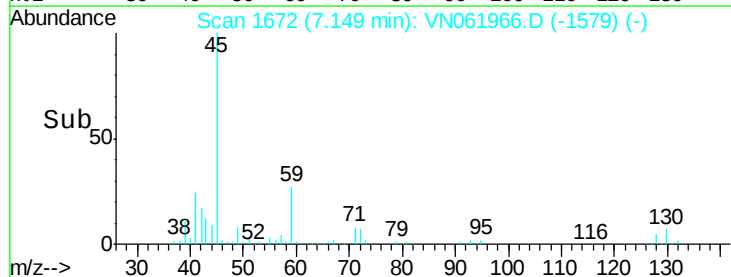
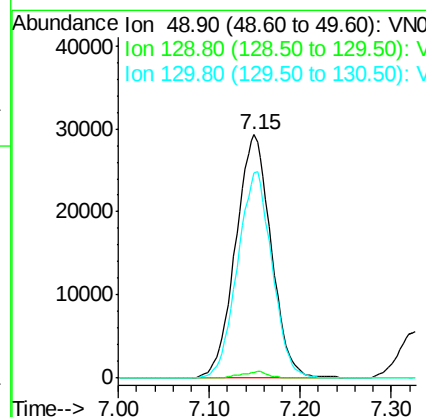
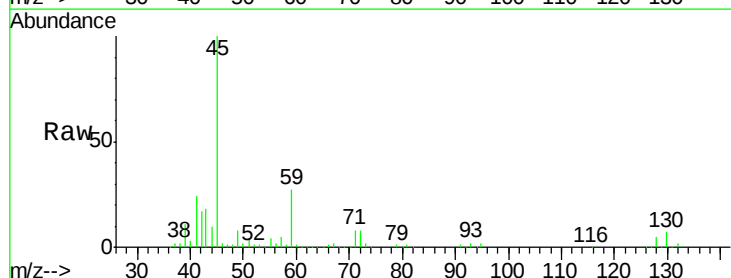
Manual Integrations
 APPROVED

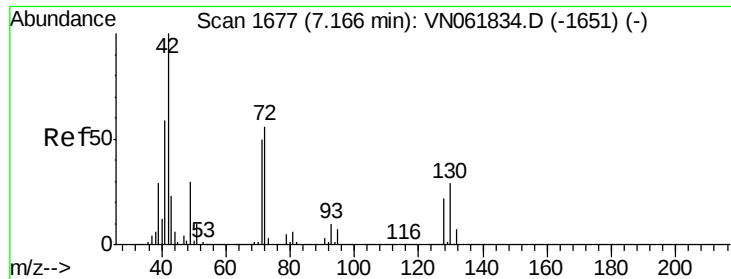
MMDadoda
 6/22/2020 1:27:28 PM



#28
 Bromochloromethane
 Concen: 56.602 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	82.6	72.2	108.2	





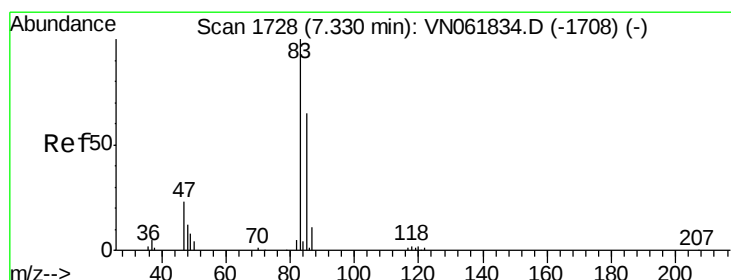
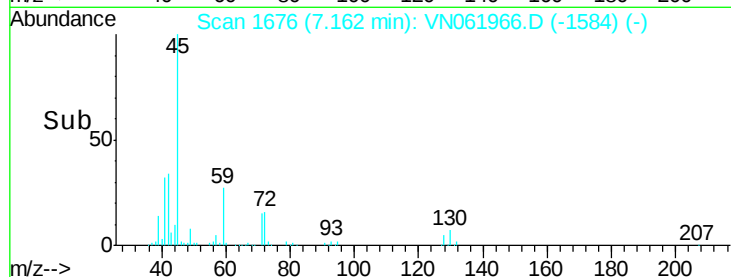
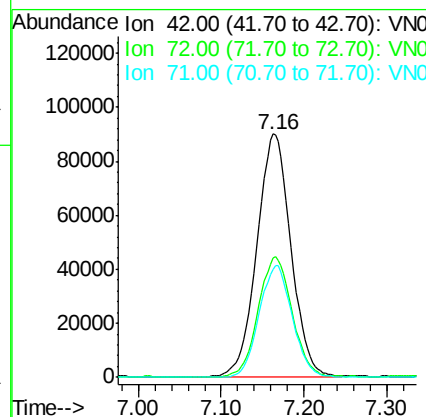
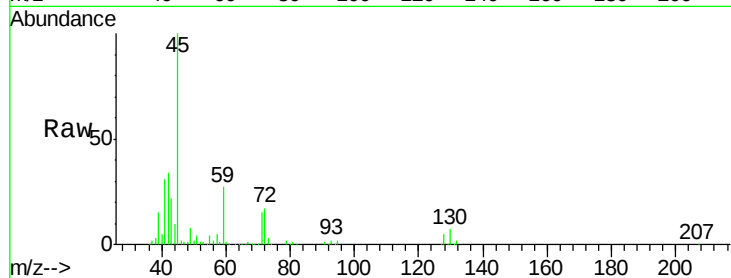
#29
Tetrahydrofuran
Concen: 435.285 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	44.0	66.0
71	44.4	40.0	60.0

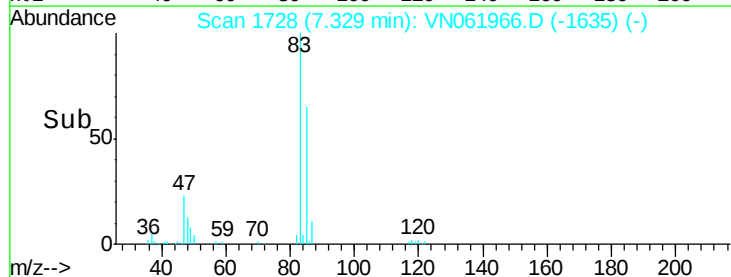
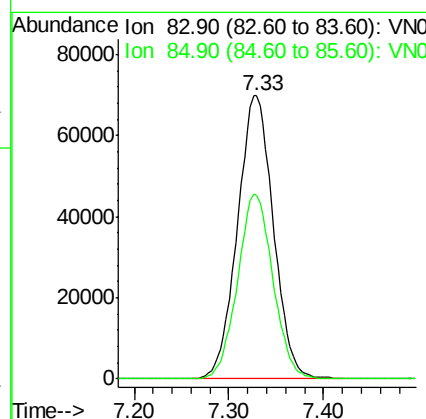
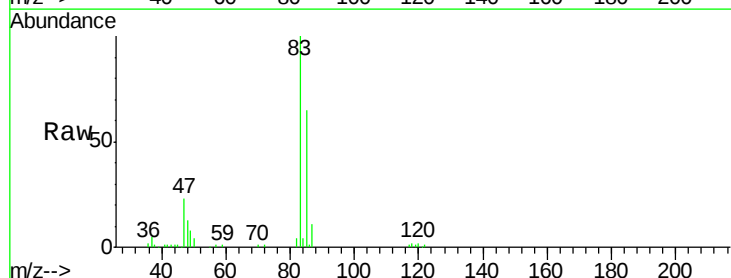
Manual Integrations
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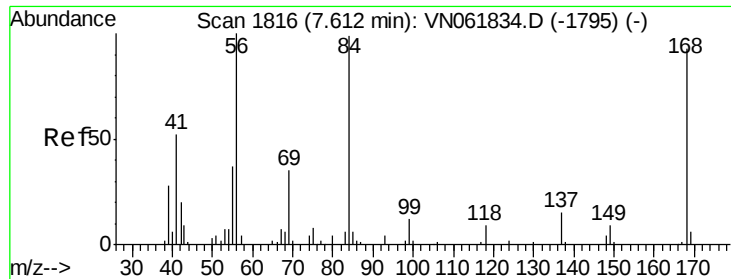
MMDadoda
6/22/2020 1:27:28 PM



#30
Chloroform
Concen: 54.694 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.0	78.0





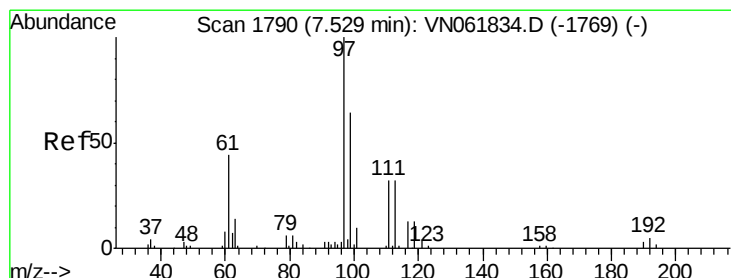
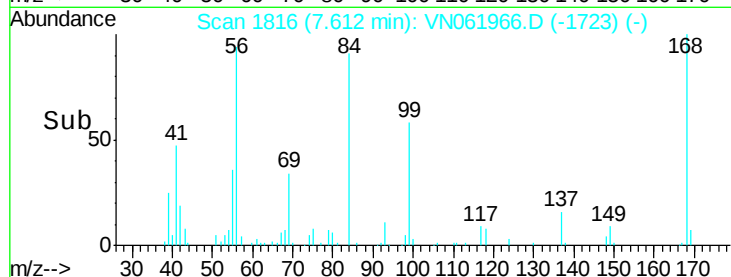
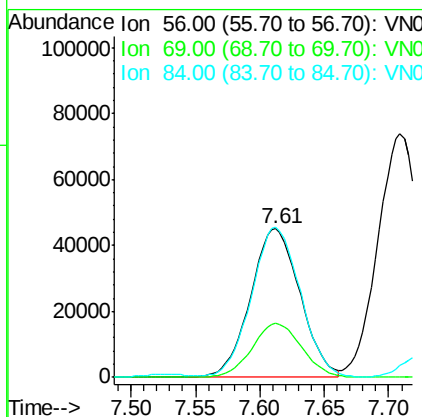
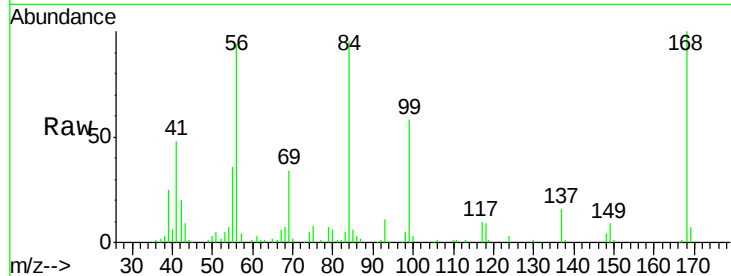
#31
Cyclohexane
Concen: 43.771 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.4	27.7	41.5
84	100.1	79.1	118.7

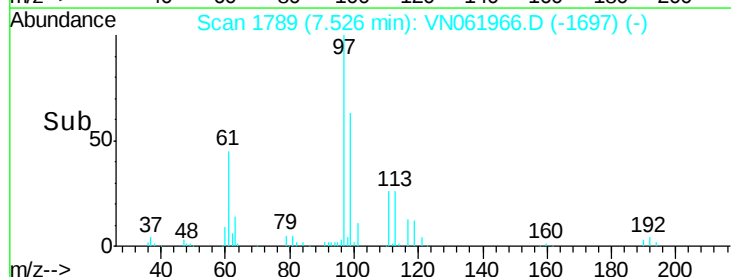
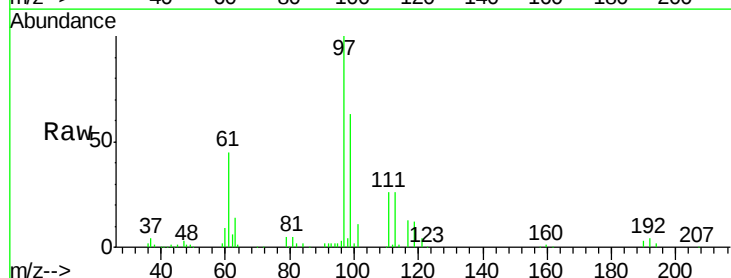
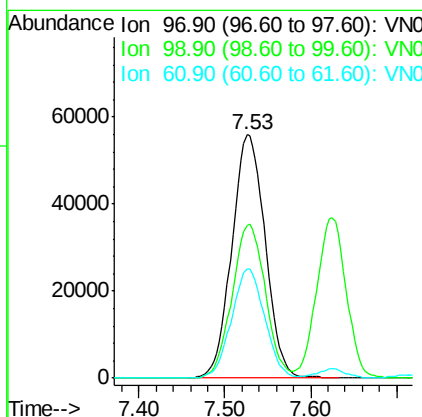
Manual Integrations
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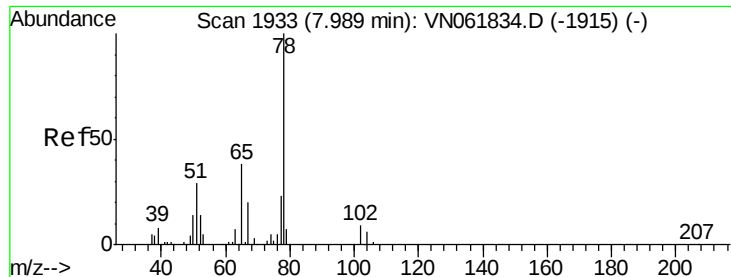
MMDadoda
6/22/2020 1:27:28 PM



#32
1,1,1-Trichloroethane
Concen: 52.616 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.5	77.3
61	44.7	35.1	52.7





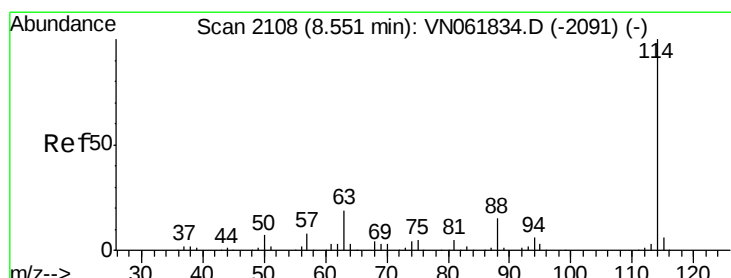
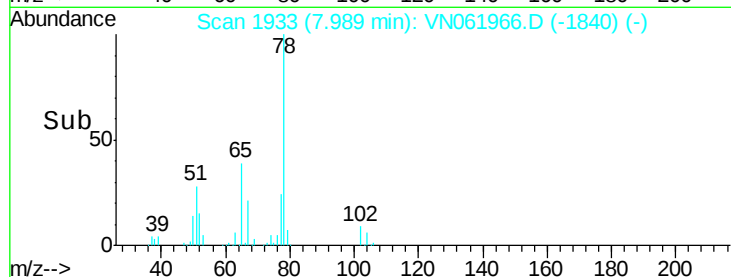
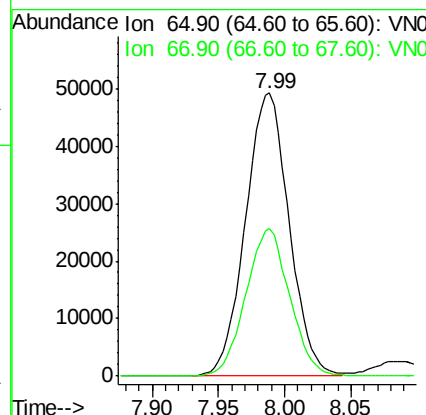
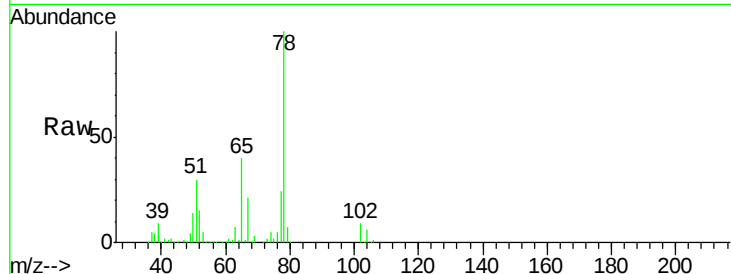
#33
 1,2-Dichloroethane-d4
 Concen: 53.921 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	112754		
67	52.1	0.0	106.2	

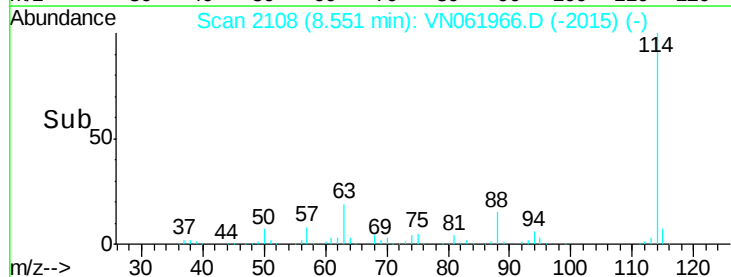
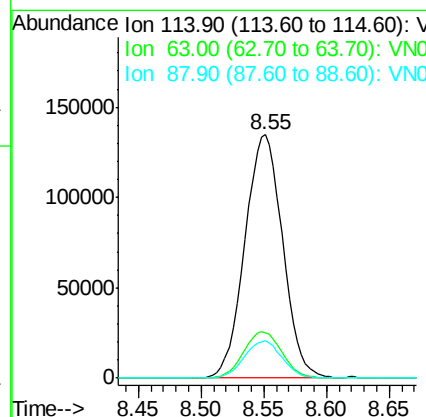
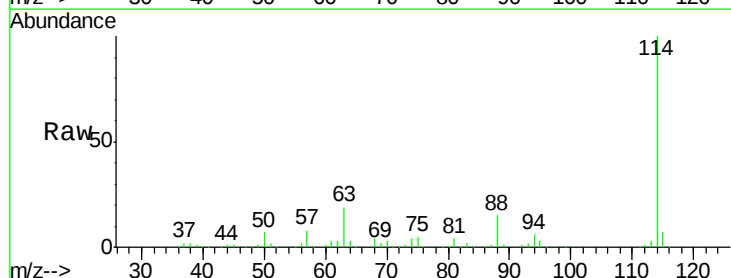
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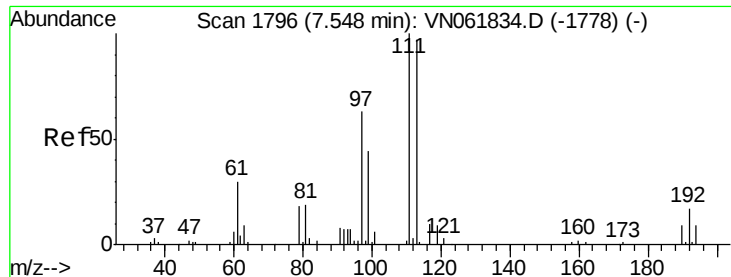
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	282480		
63	18.7	0.0	37.6	
88	15.2	0.0	31.0	





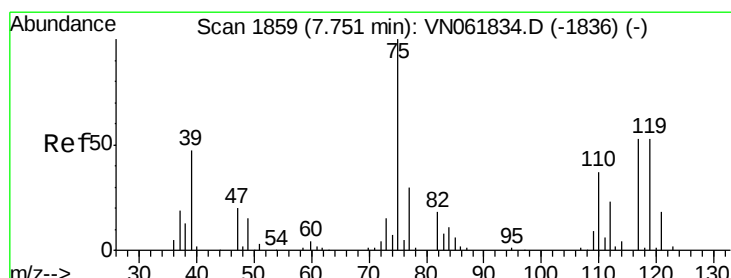
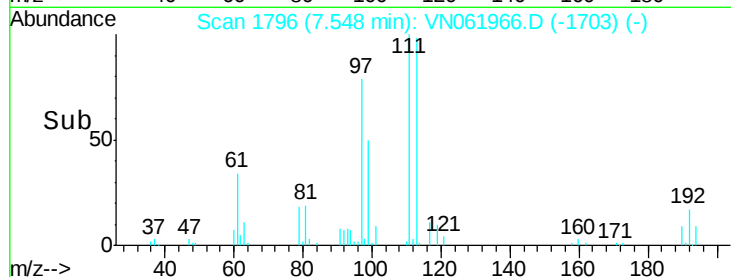
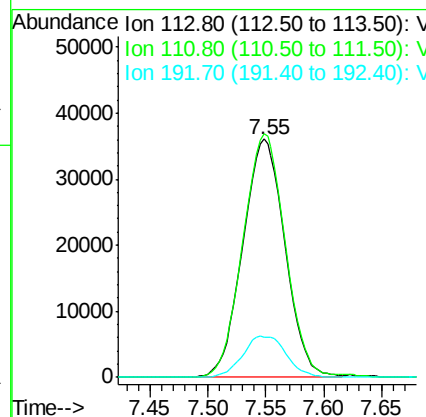
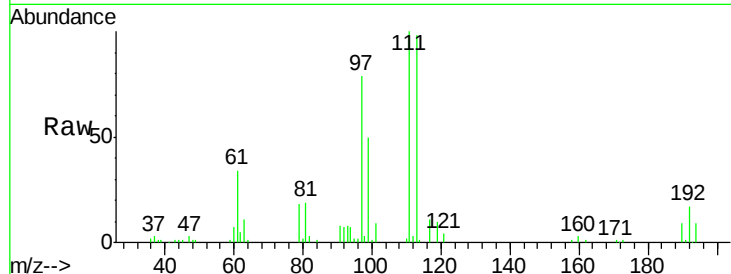
#35
 Dibromofluoromethane
 Concen: 50.617 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.7	125.5
192	17.7	13.9	20.9

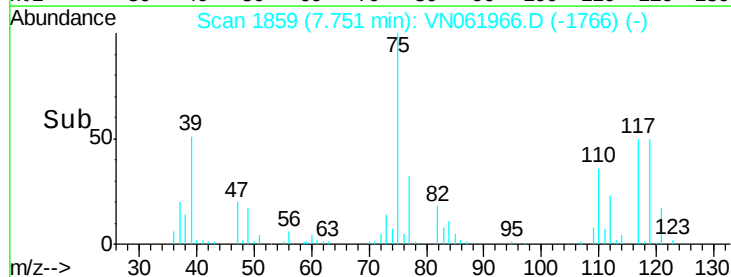
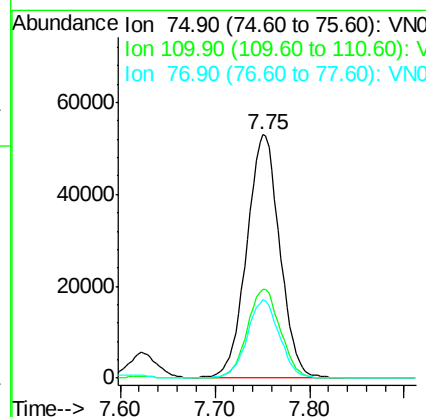
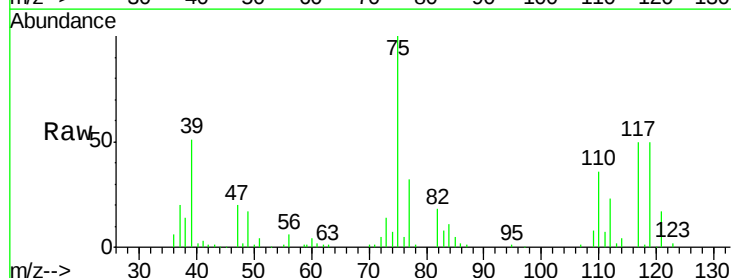
Manual Integrations
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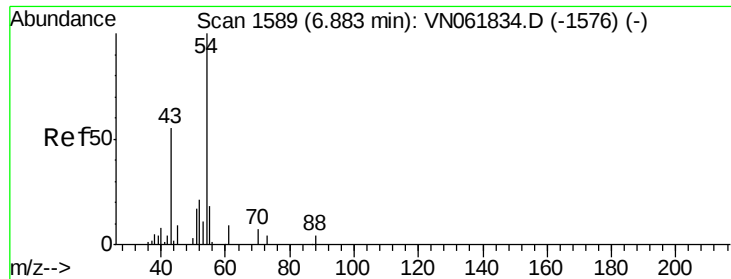
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 6/22/2020 1:27:28 PM



#36
 1,1-Dichloropropene
 Concen: 49.871 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.2	54.6
77	31.3	24.2	36.4





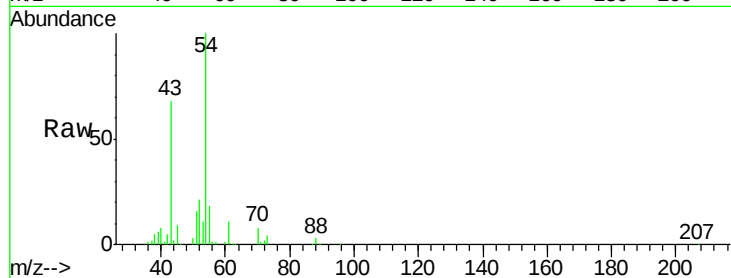
#37
Ethyl Acetate
Concen: 72.910 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampled :
S49-0563MSD

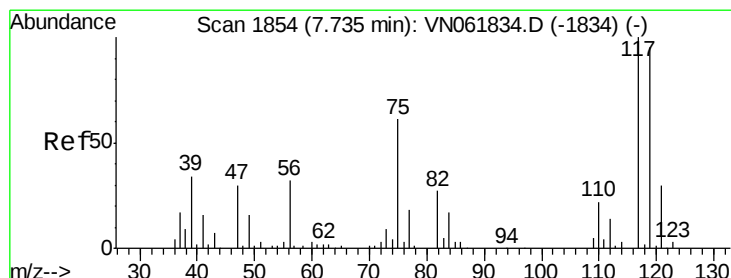
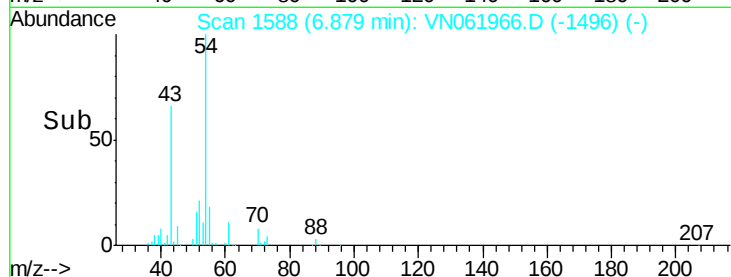
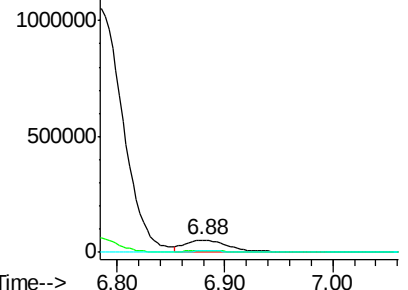
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	13.0	19.4
70	11.2	9.4	14.2

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6/22/2020 1:27:28 PM

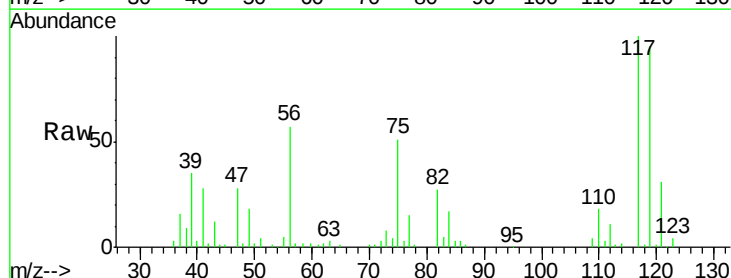


Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1576) (-)

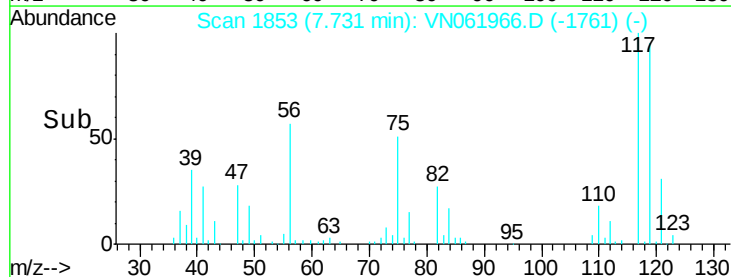
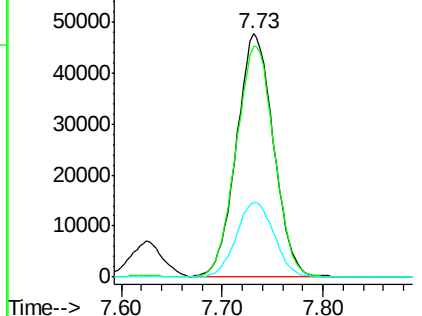


#38
Carbon Tetrachloride
Concen: 47.681 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.6
121	30.5	23.8	35.6



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-1834) (-)





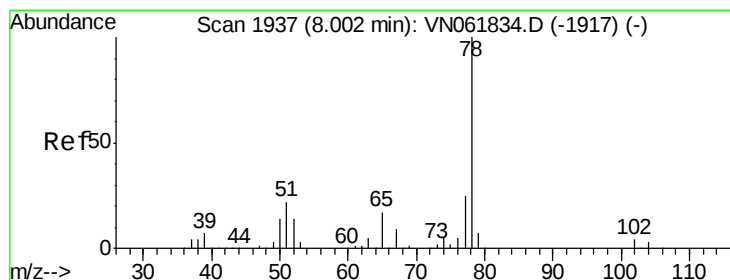
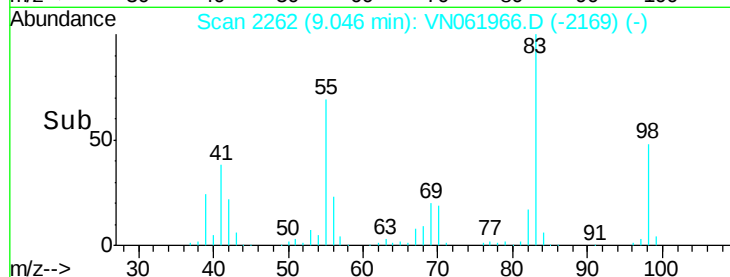
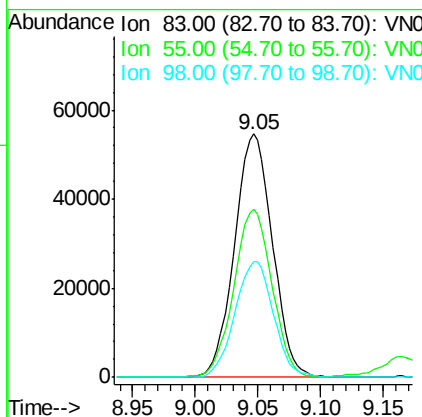
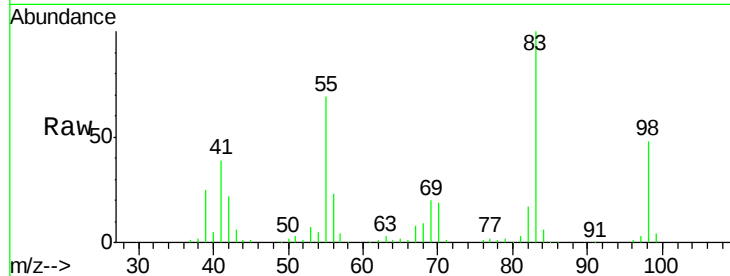
#39
Methvlcvclohexane
Concen: 41.445 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.5	54.2	81.4
98	47.6	39.8	59.6

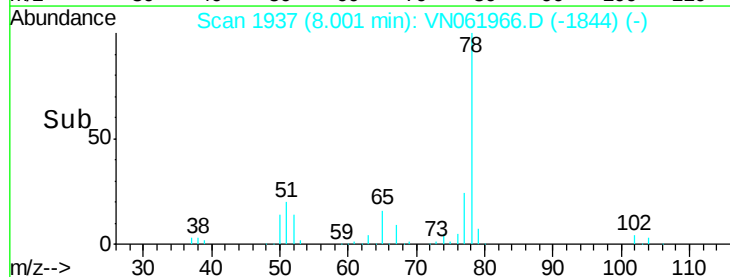
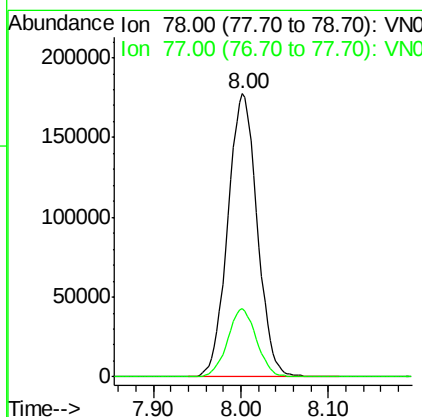
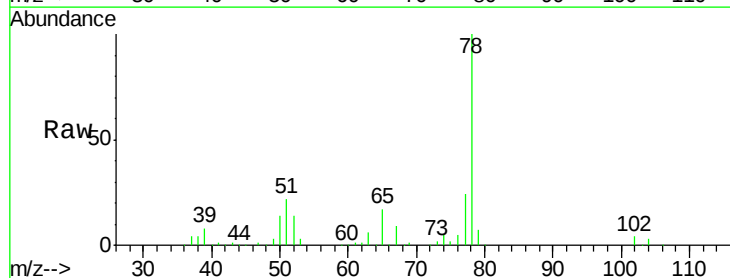
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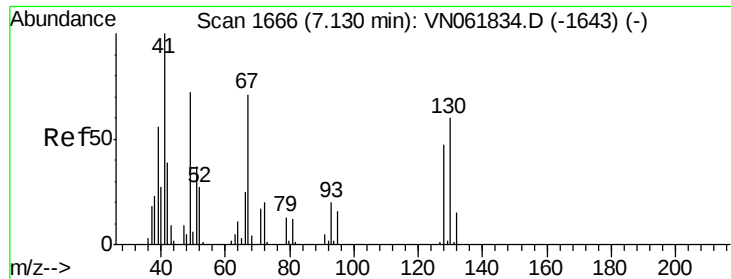
MMDadoda
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#40
Benzene
Concen: 53.134 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.7	29.5





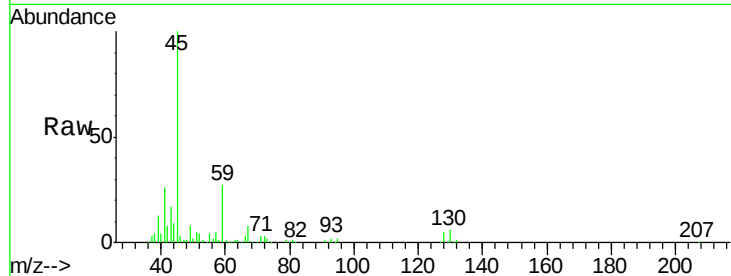
#41
Methacrylonitrile
Concen: 91.200 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	41	Resp	78465
Ion	Ratio	Lower	Upper
41	100		
39	208.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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MMDadoda
6/22/2020 1:27:28 PM

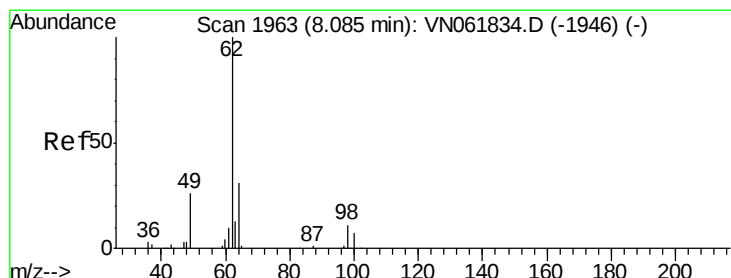
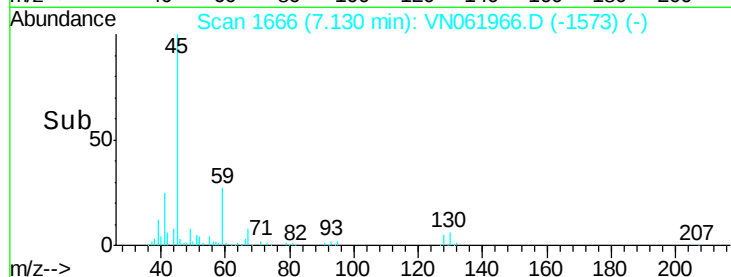
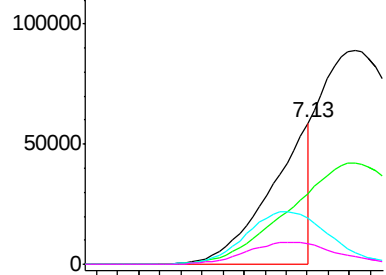


Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-1643) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-1643) (-)

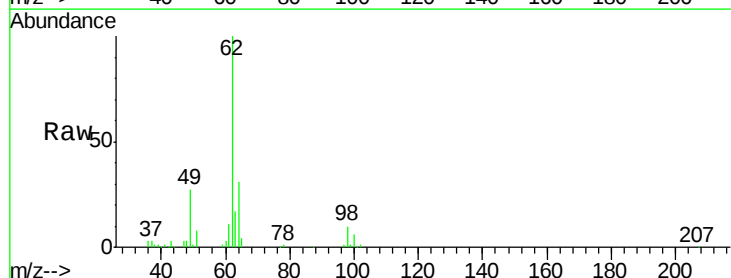
Ion 67.00 (66.70 to 67.70): VN061834.D (-1643) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-1643) (-)



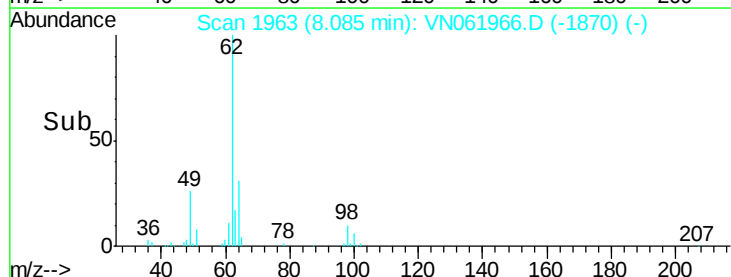
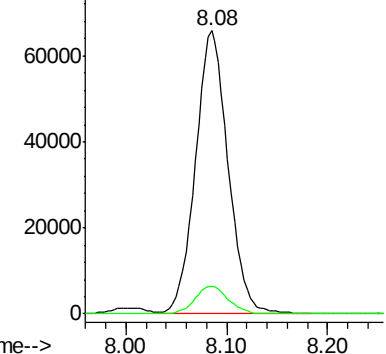
#42
1,2-Dichloroethane
Concen: 55.342 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

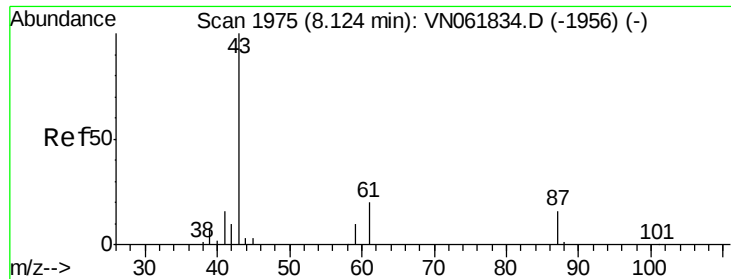
Tgt Ion	62	Resp	147280
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VN061834.D (-1946) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1946) (-)





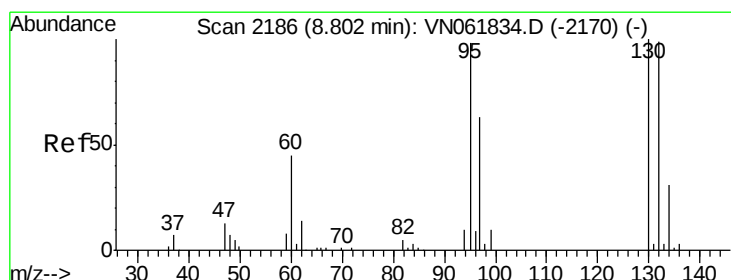
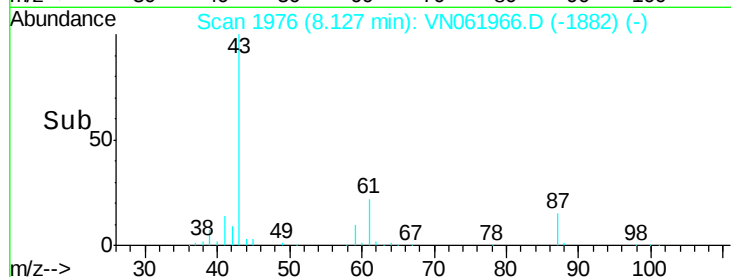
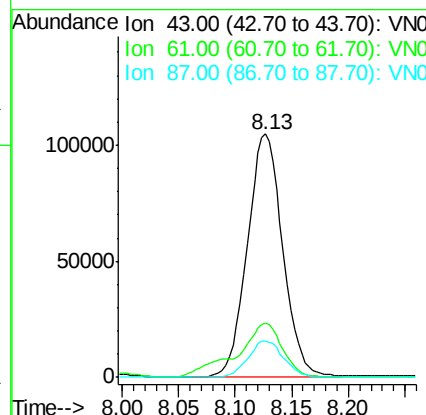
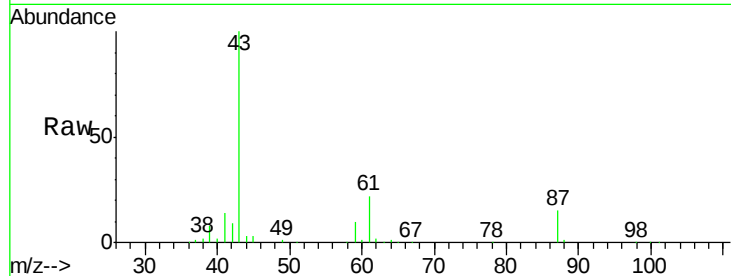
#43
Isopropyl Acetate
Concen: 66.996 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.7	24.0	36.0
87	15.0	12.5	18.7

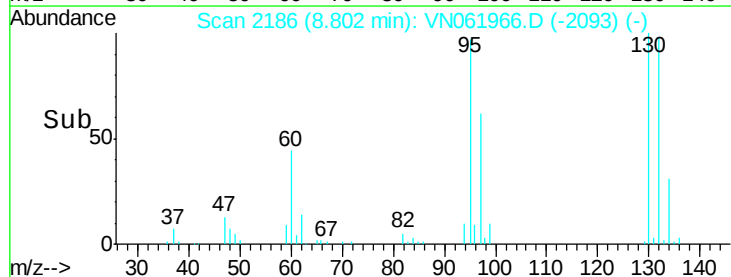
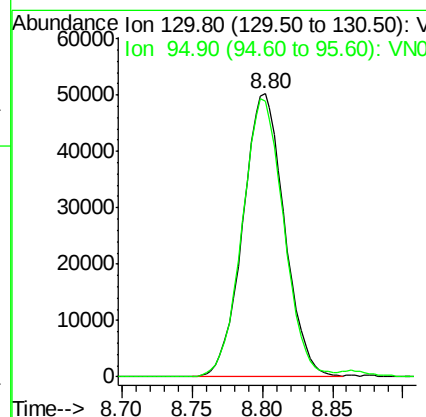
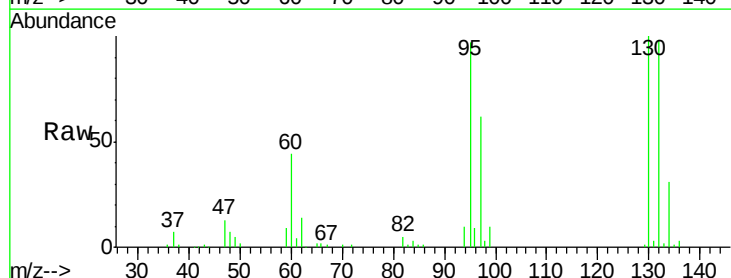
Manual Integrations
APPROVED

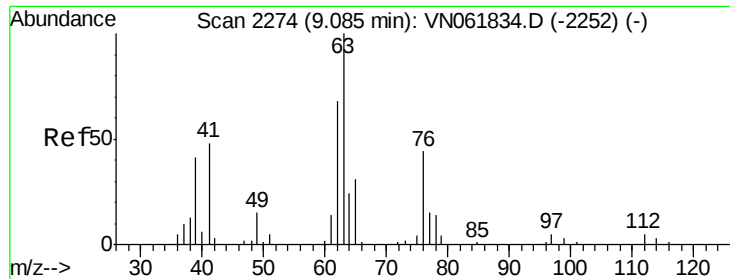
MMDadoda
6/22/2020 1:27:28 PM



#44
Trichloroethene
Concen: 50.437 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	195.6





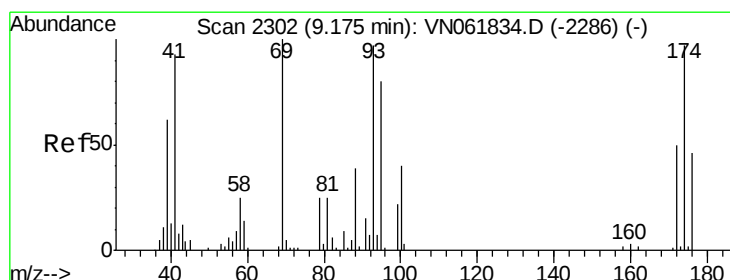
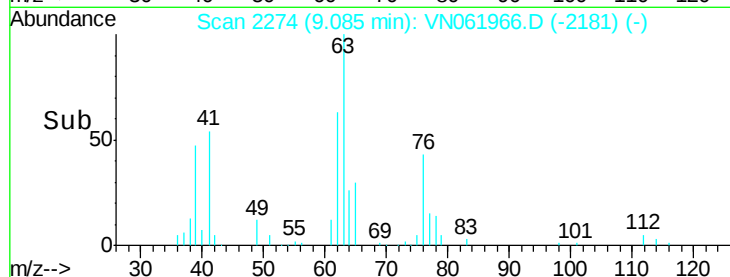
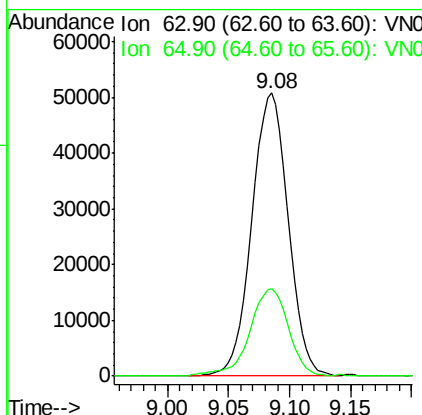
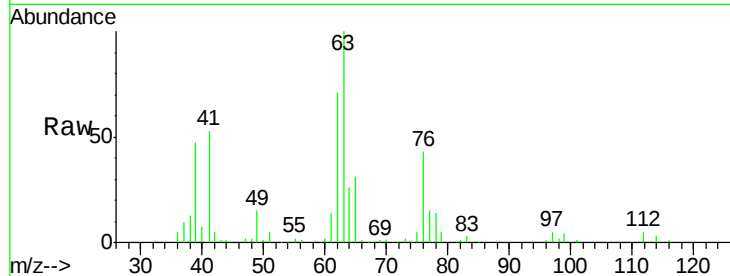
#45
 1,2-Dichloropropane
 Concen: 54.694 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.1	37.7

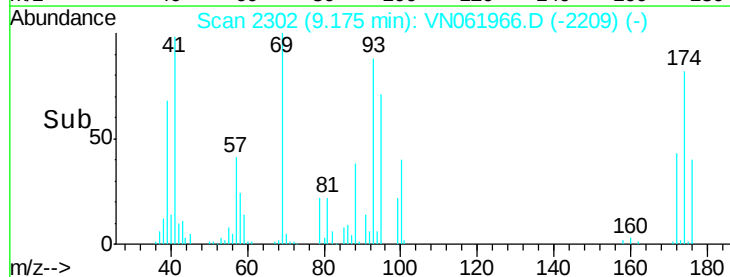
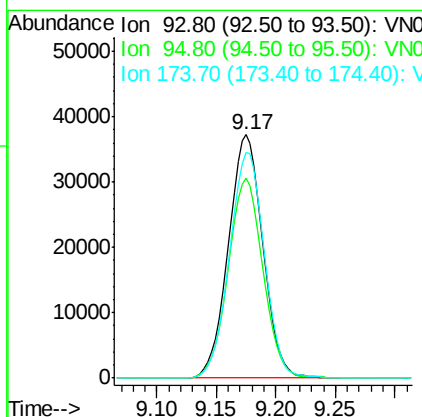
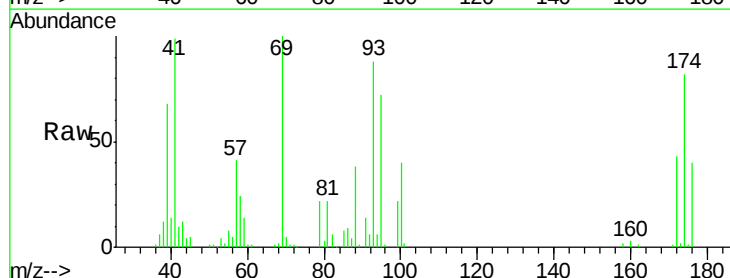
Manual Integrations
 APPROVED

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 6/22/2020 1:27:28 PM



#46
 Dibromomethane
 Concen: 55.348 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.8	98.6
174	93.6	78.5	117.7





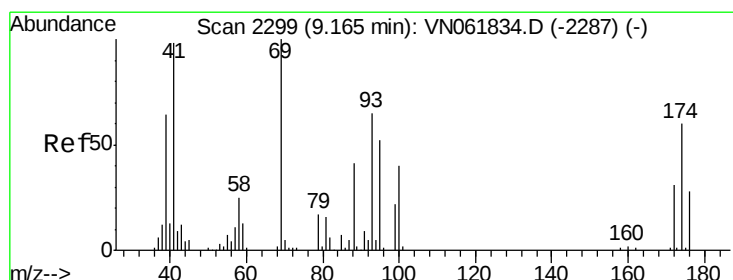
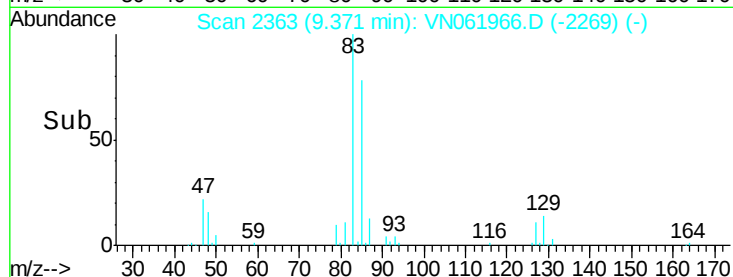
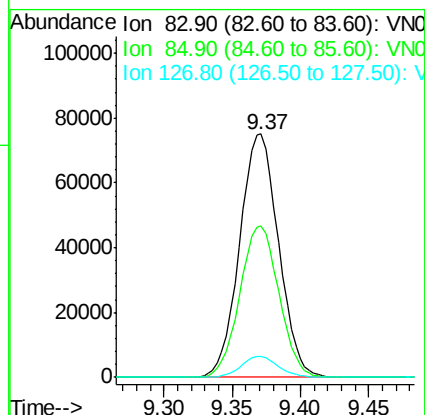
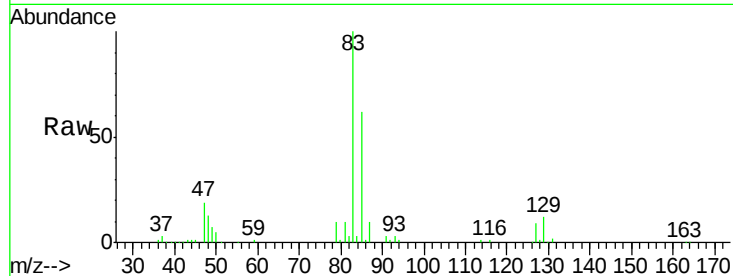
#47
Bromodichloromethane
Concen: 53.739 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	83	Resp	148627
Ion Ratio	100	Lower	Upper
83	100		
85	62.4	50.8	76.2
127	8.6	7.0	10.4

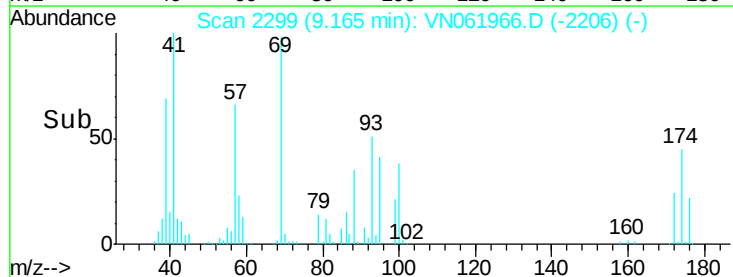
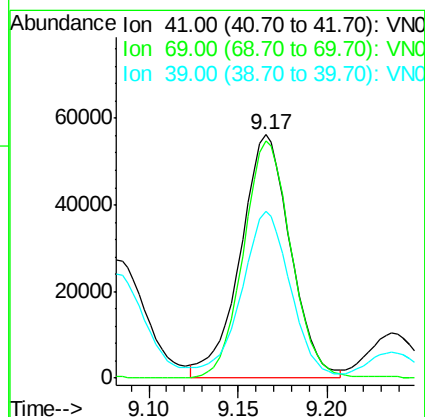
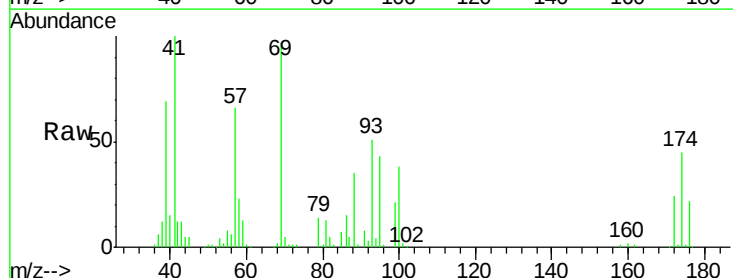
Manual Integrations
APPROVED

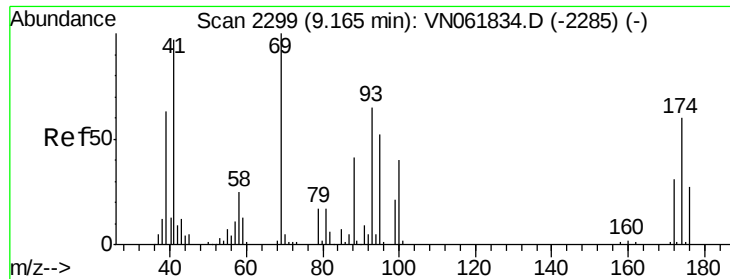
MMDadoda
6/22/2020 1:27:28 PM



#48
Methyl methacrylate
Concen: 71.390 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	41	Resp	110081
Ion Ratio	100	Lower	Upper
41	100		
69	92.9	83.0	124.4
39	67.2	55.1	82.7





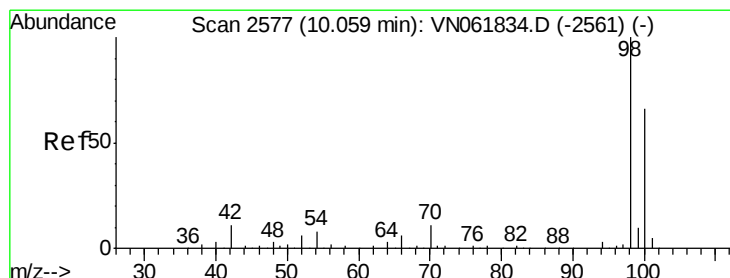
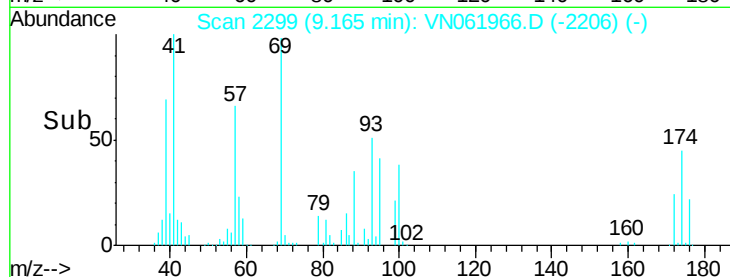
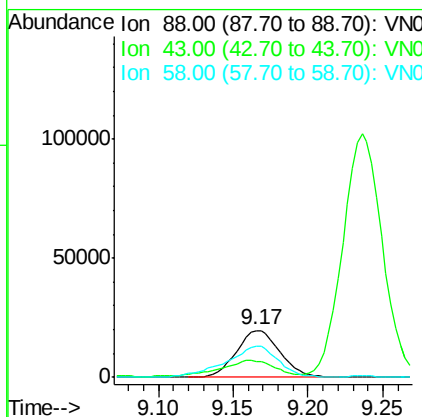
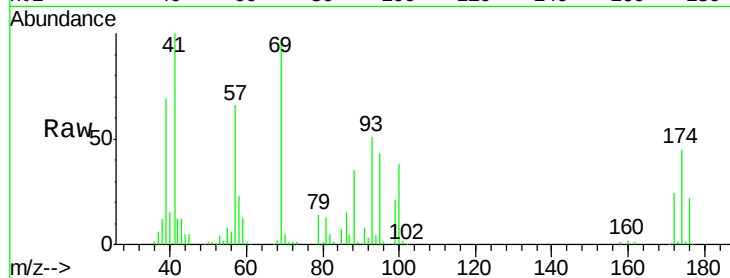
#49
1,4-Dioxane
Concen: 1129.738 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.8	23.4	35.2#
58	79.6	49.8	74.6#

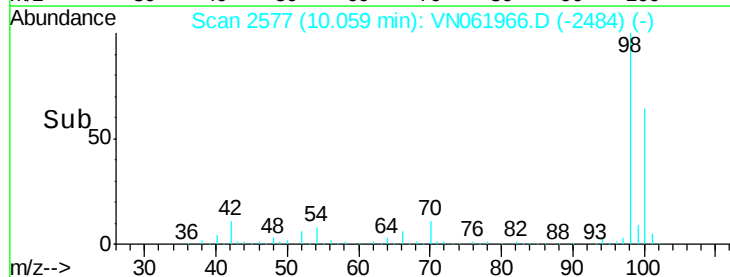
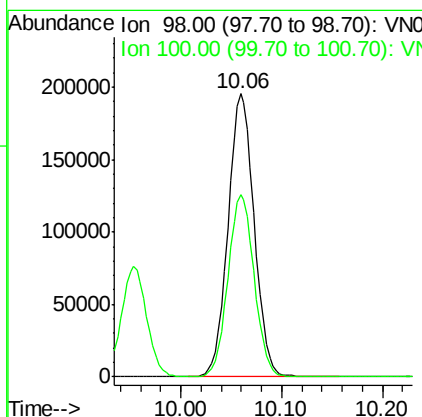
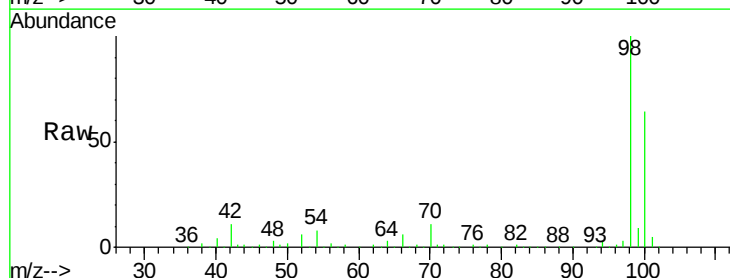
Manual Integrations
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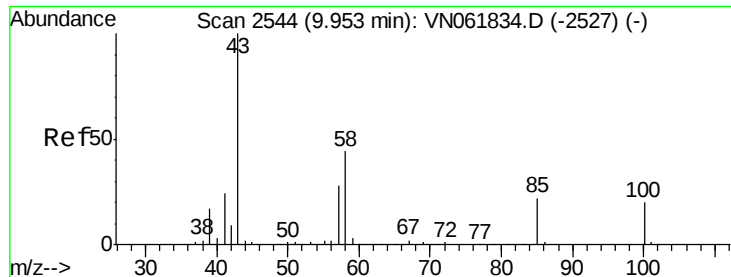
MMDadoda
6/22/2020 1:27:28 PM



#50
Toluene-d8
Concen: 49.552 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 362.334 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

Tot Ion: 43 Resp: 726008

Ion Ratio Lower Upper

43 100

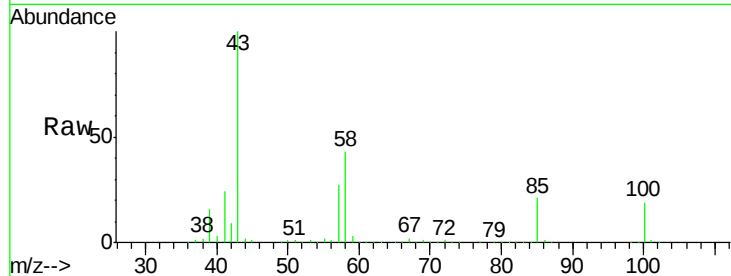
58 42.9 34.6 52.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

400000

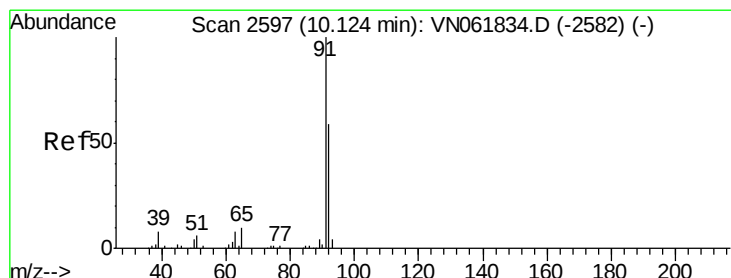
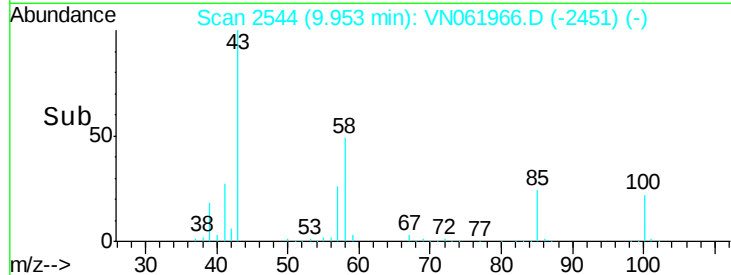
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 59.354 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061966.D

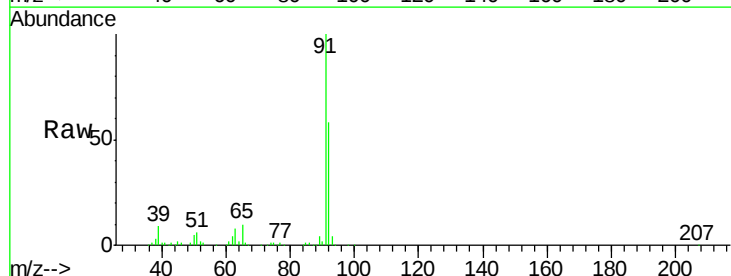
Acq: 19 Jun 2020 20:48

Tgt Ion: 92 Resp: 290938

Ion Ratio Lower Upper

92 100

91 171.3 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.12

300000

250000

200000

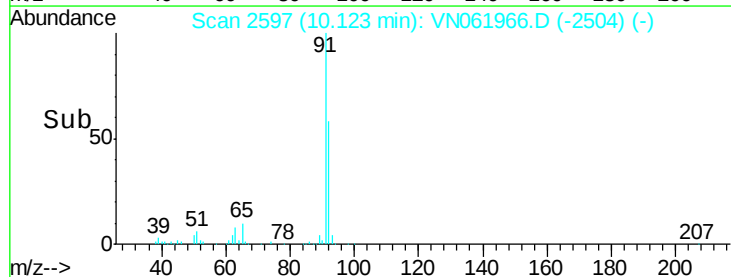
150000

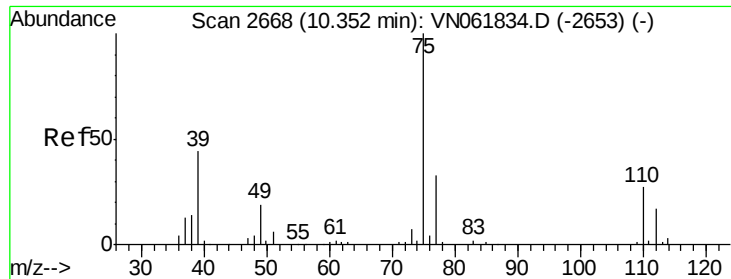
100000

50000

0

Time-->





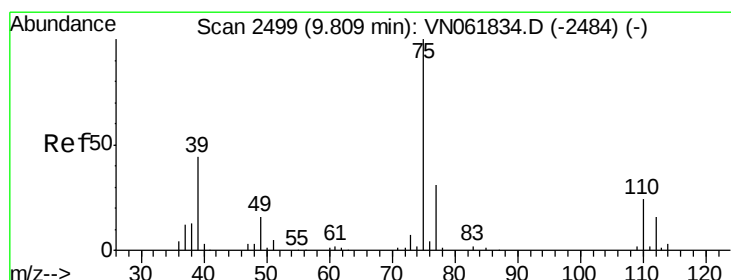
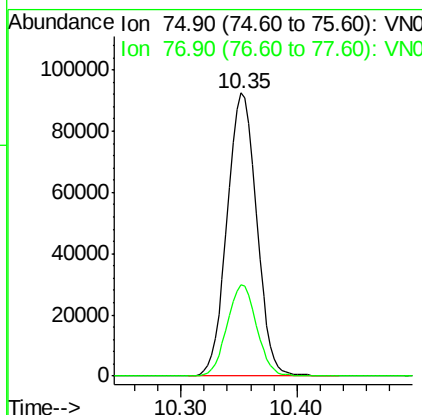
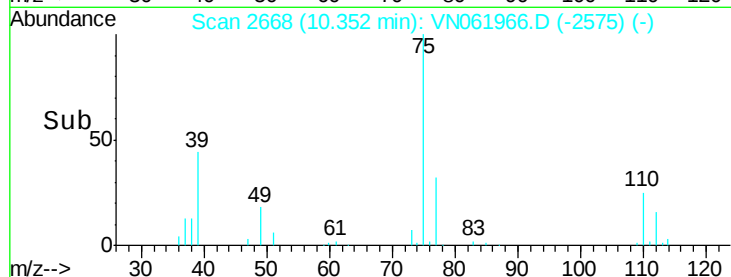
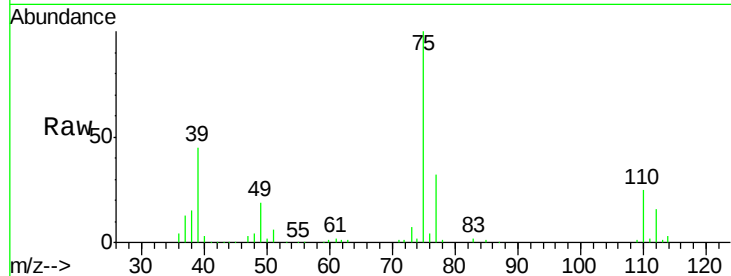
#53
t-1,3-Dichloropropene
Concen: 55.571 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampled :
S49-0563MSD

Tot Ion: 75 Resp: 163158
Ion Ratio Lower Upper
75 100
77 32.1 26.3 39.5

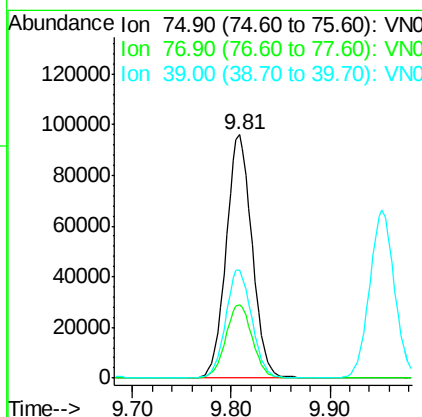
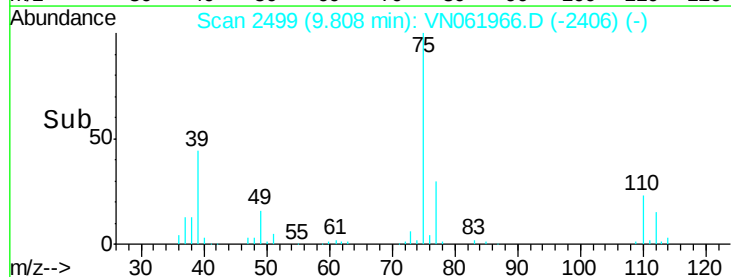
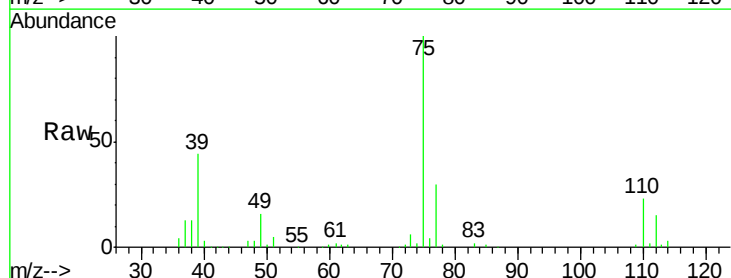
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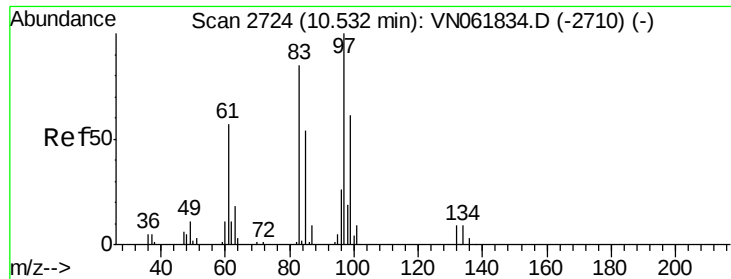
MMDadoda
6/22/2020 1:27:28 PM



#54
cis-1,3-Dichloropropene
Concen: 55.357 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 75 Resp: 176534
Ion Ratio Lower Upper
75 100
77 30.4 24.8 37.2
39 44.3 35.4 53.0





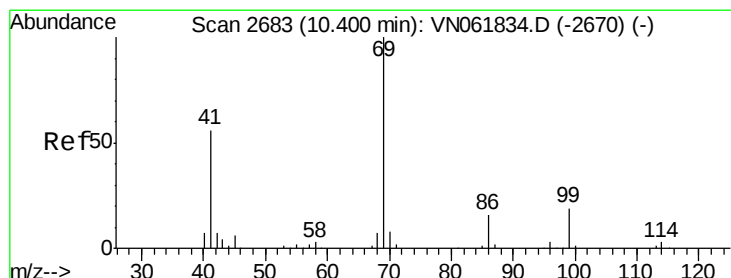
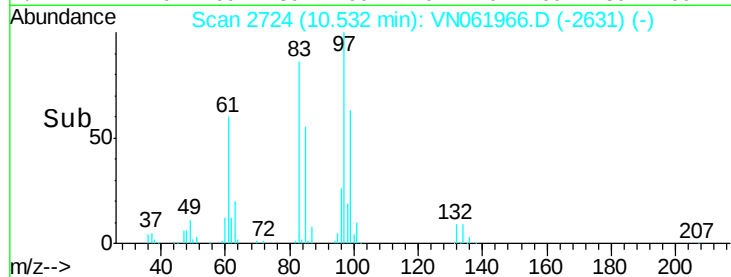
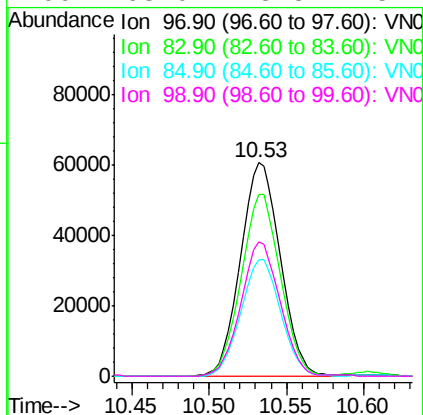
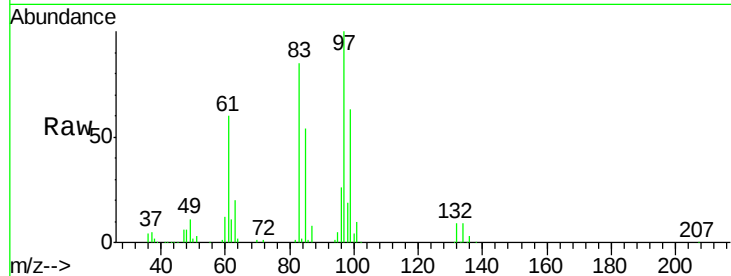
#55
 1,1,2-Trichloroethane
 Concen: 56.353 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		108681		
83	85.2	67.7	101.5		
85	54.5	43.4	65.0		
99	63.0	48.8	73.2		

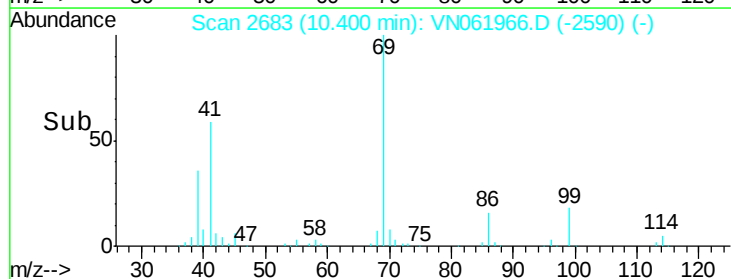
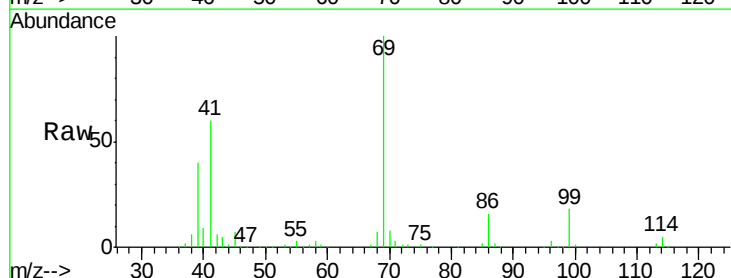
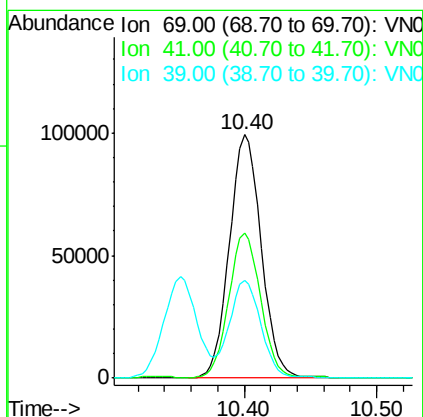
Manual Integrations
 APPROVED

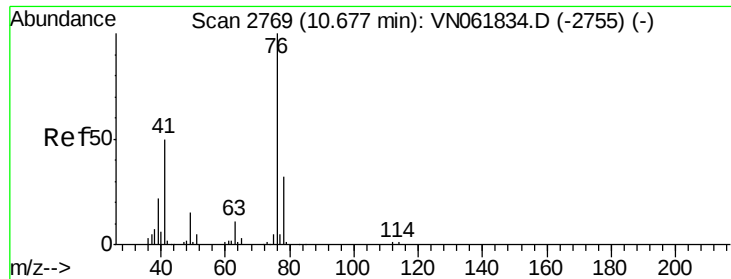
MMDadoda
 6/22/2020 1:27:28 PM



#56
 Ethyl methacrylate
 Concen: 56.061 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		166247		
41	58.8	44.9	67.3		
39	39.1	30.0	45.0		





#57

1,3-Dichloropropane

Concen: 56.503 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampled :

S49-0563MSD

Tot Ion: 76 Resp: 184611

Ion Ratio Lower Upper

76 100

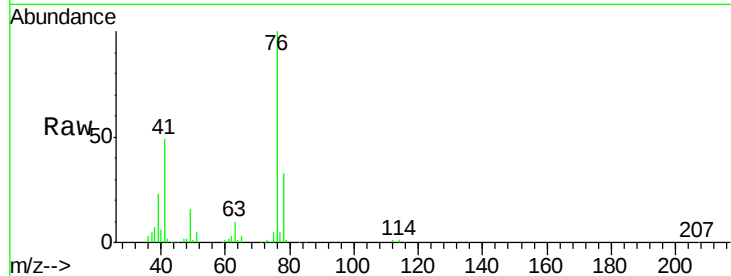
78 32.5 25.8 38.8

Manual Integrations

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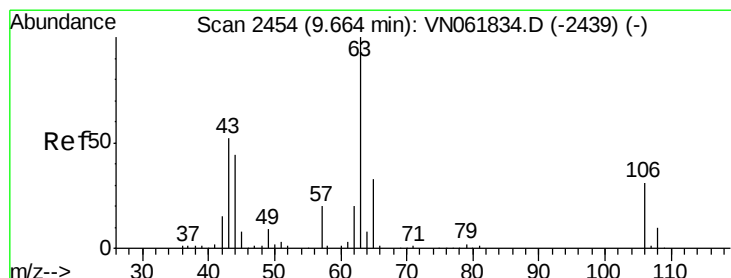
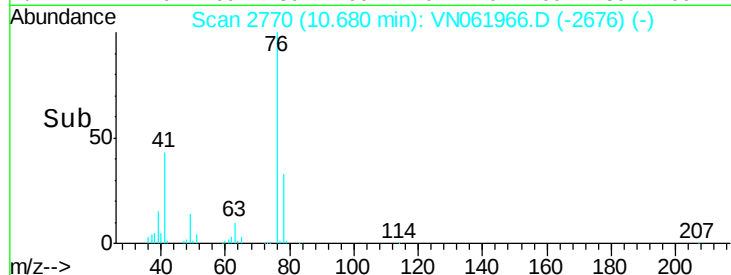
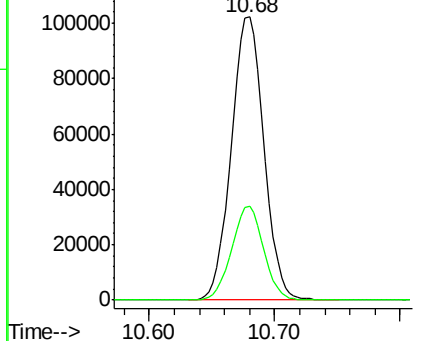
MMDadoda

6/22/2020 1:27:28 PM



Abundance Ion 75.90 (75.60 to 76.60): VN061834.D (-2755) (-)

Ion 77.90 (77.60 to 78.60): VN061834.D (-2755) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 230.191 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN061966.D

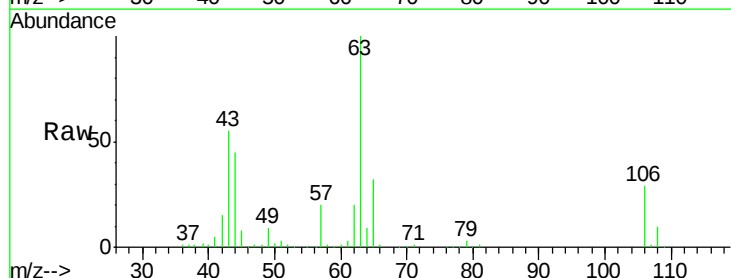
Acq: 19 Jun 2020 20:48

Tgt Ion: 63 Resp: 234297

Ion Ratio Lower Upper

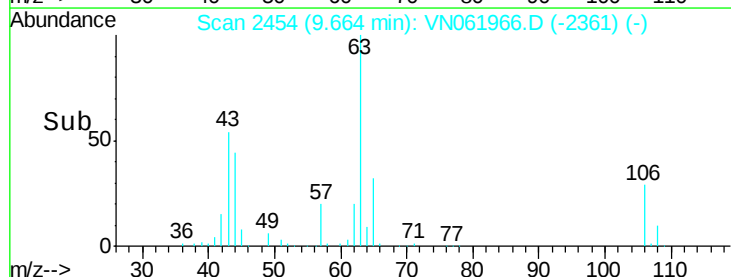
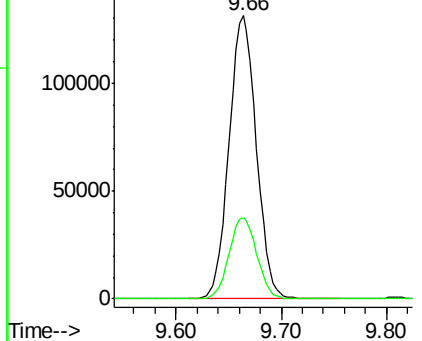
63 100

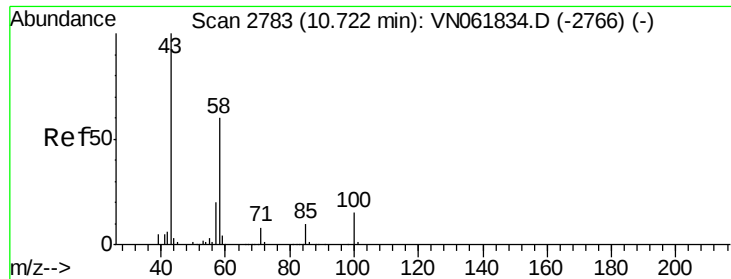
106 29.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-2439) (-)

Ion 105.90 (105.60 to 106.60): VN061834.D (-2439) (-)





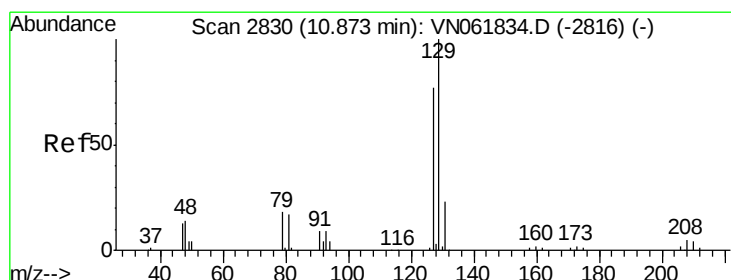
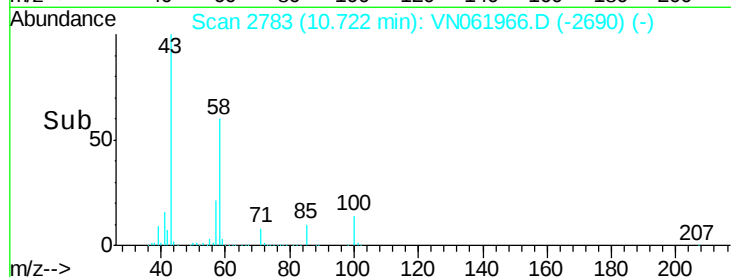
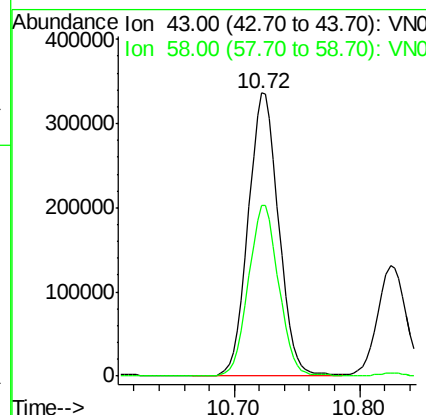
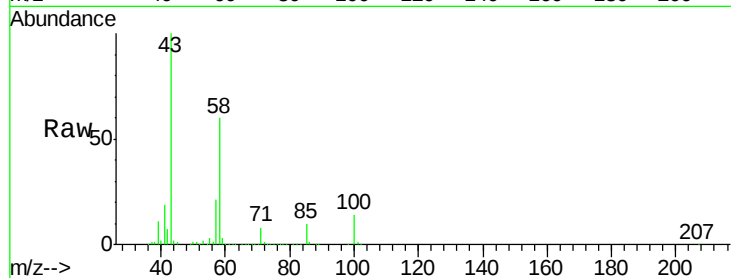
#59
2-Hexanone
Concen: 348.841 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	43	Resp	567383
Ion Ratio	100	Lower	Upper
43	100		
58	60.2	30.1	90.5

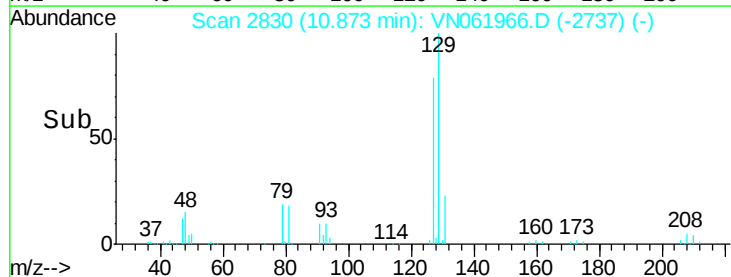
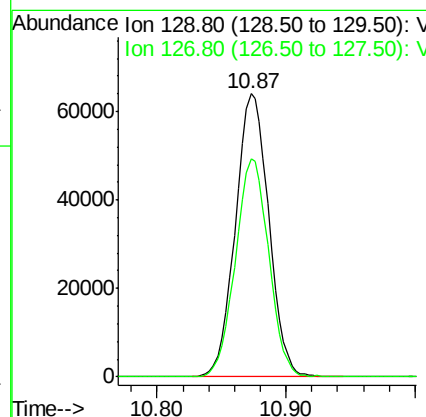
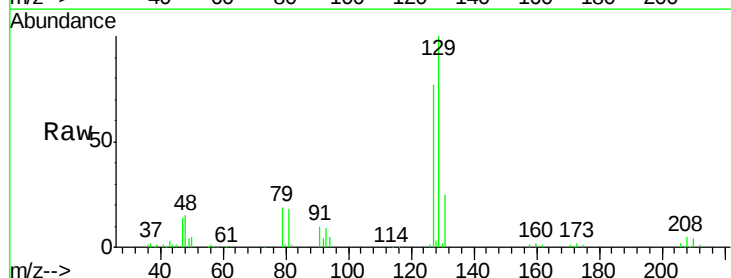
Manual Integrations
APPROVED

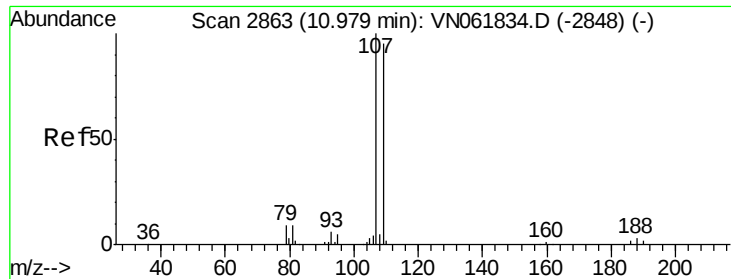
MMDadoda
6/22/2020 1:27:28 PM



#60
Dibromochloromethane
Concen: 53.467 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	129	Resp	115060
Ion Ratio	100	Lower	Upper
129	100		
127	77.0	38.5	115.5





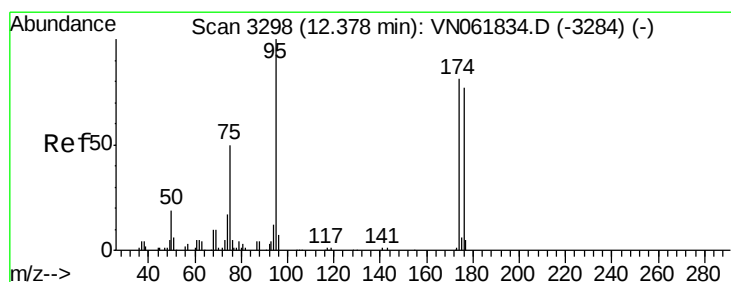
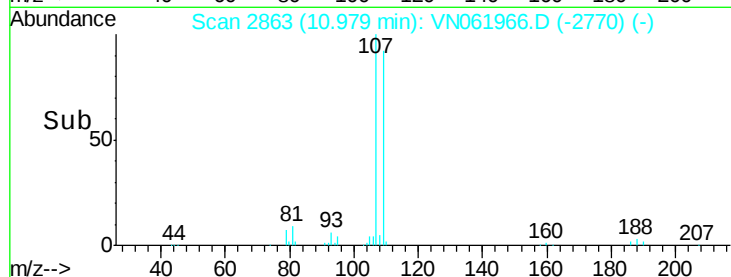
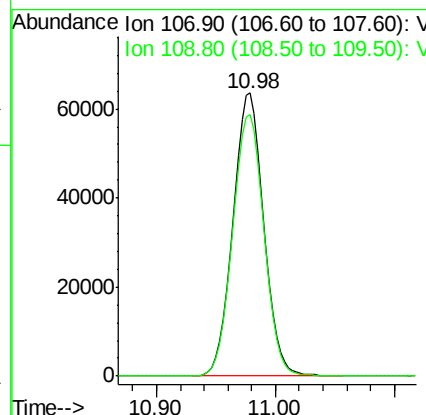
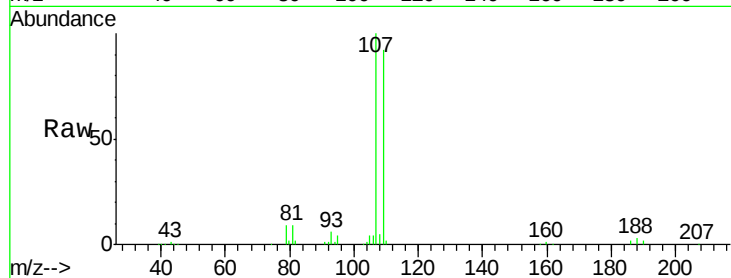
#61
 1,2-Dibromoethane
 Concen: 56.370 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	113518		
109	94.4	75.0	112.6	

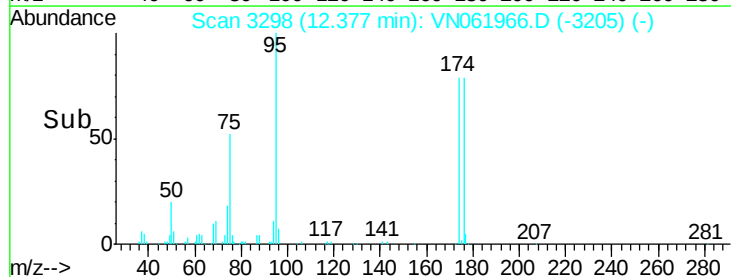
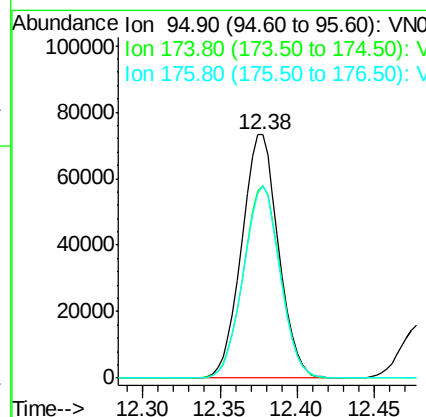
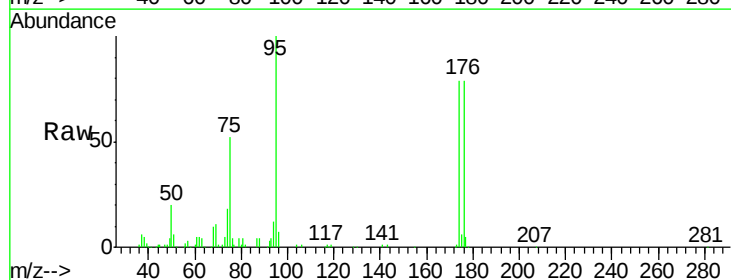
Manual Integrations
 APPROVED

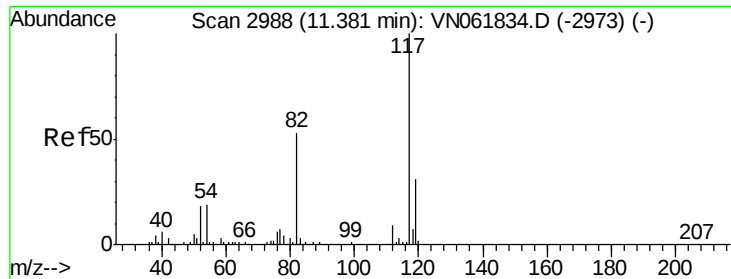
MMDadoda
 6/22/2020 1:27:28 PM



#62
 4-Bromofluorobenzene
 Concen: 49.693 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	121103		
174	79.7	0.0	158.6	
176	78.6	0.0	152.0	





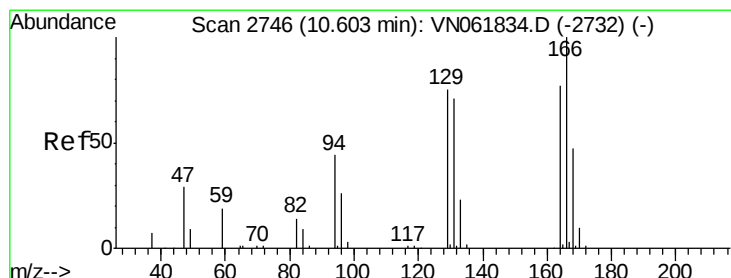
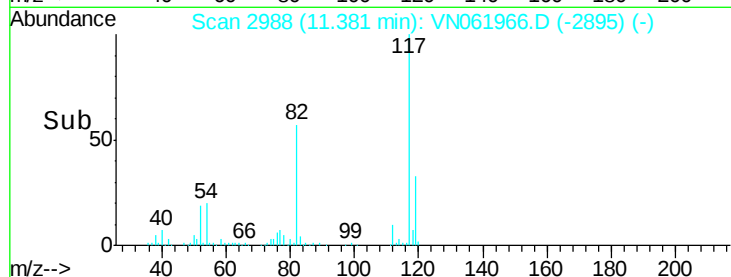
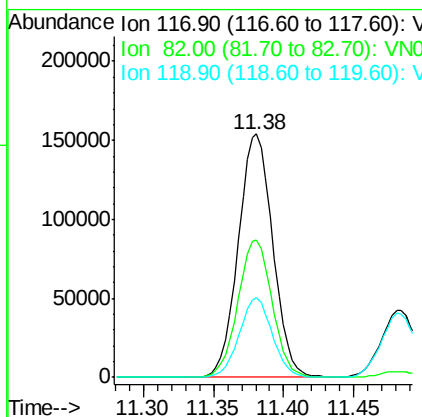
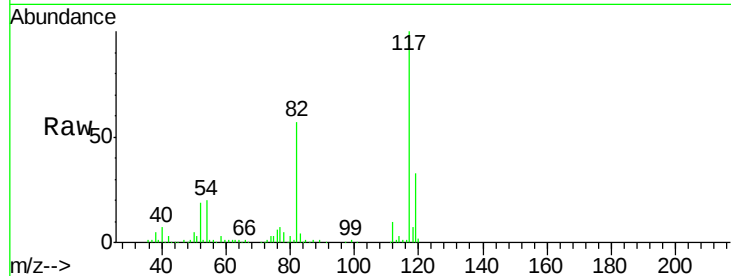
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	264665		
82	56.6		42.6	64.0
119	32.5		24.7	37.1

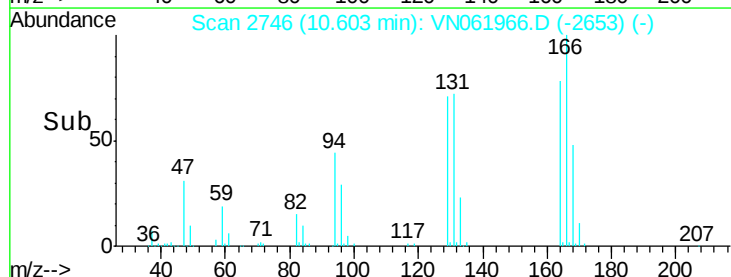
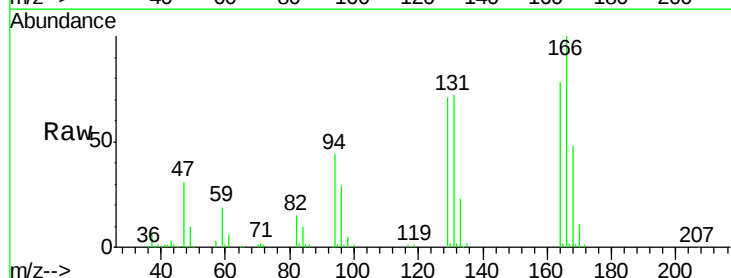
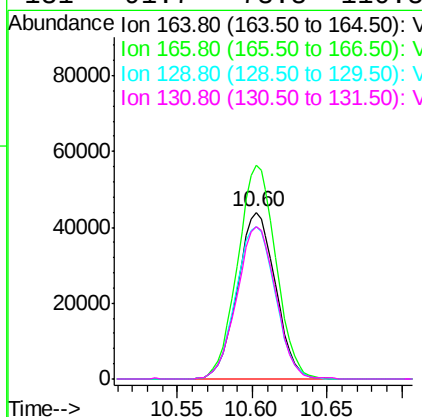
Manual Integrations
APPROVED

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6/22/2020 1:27:28 PM



#64
Tetrachloroethene
Concen: 46.165 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	77875		
166	128.1		103.5	155.3
129	91.3		77.5	116.3
131	91.7		73.8	110.8





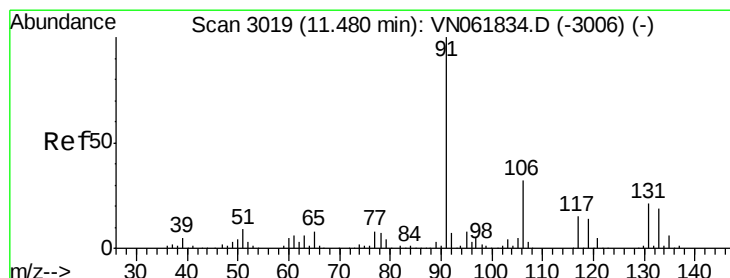
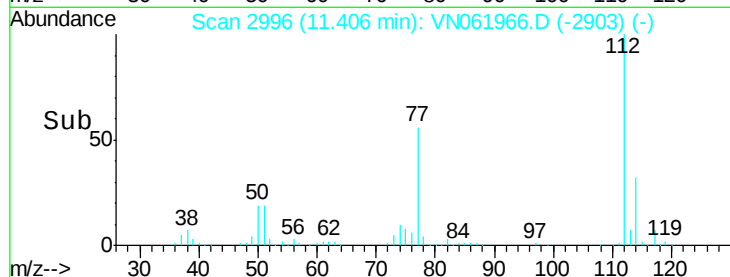
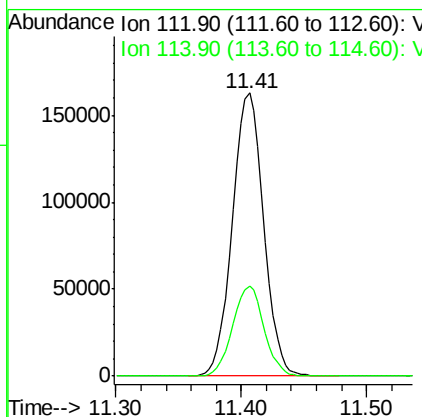
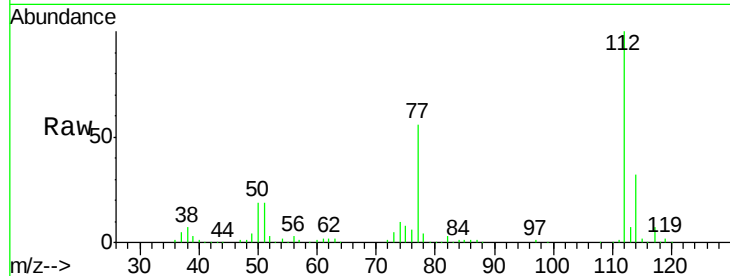
#65
Chlorobenzene
Concen: 50.436 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion:112 Resp: 281670
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

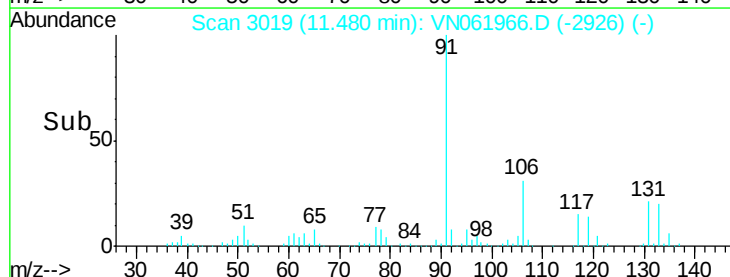
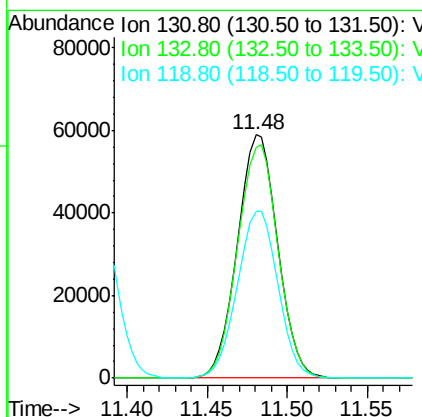
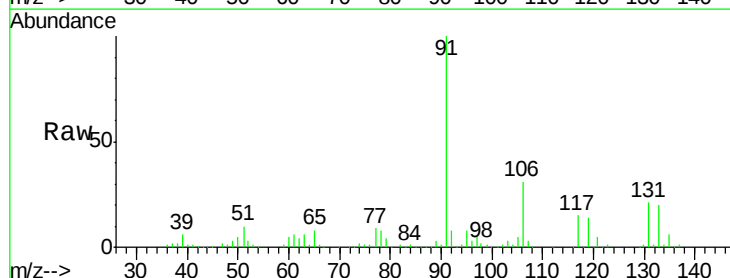
Manual Integrations
APPROVED

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6/22/2020 1:27:28 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.887 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion:131 Resp: 101062
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.5
119 69.3 34.0 101.8





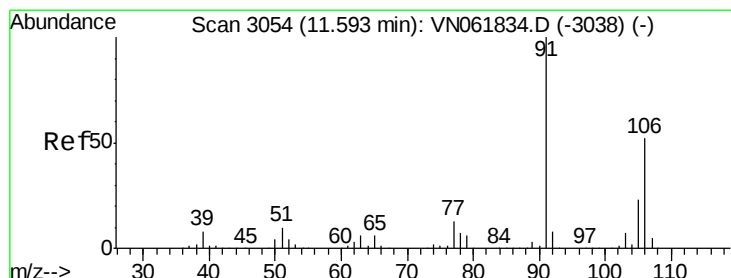
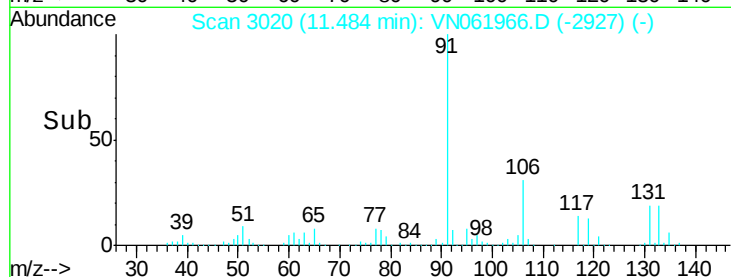
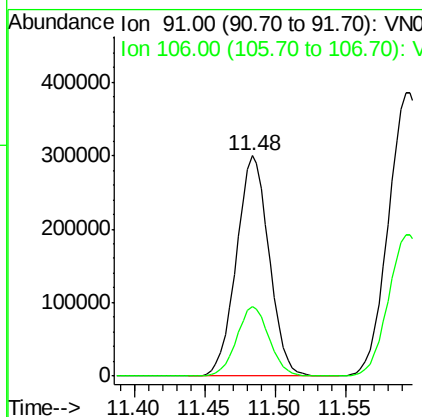
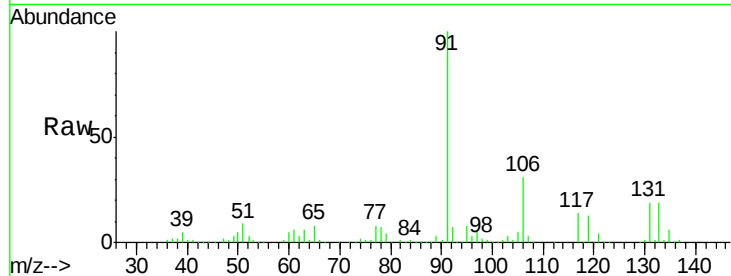
#67
Ethyl Benzene
Concen: 52.166 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampled :
S49-0563MSD

Tot Ion: 91 Resp: 488456
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2

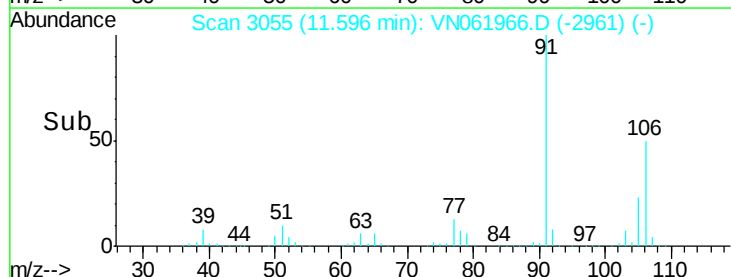
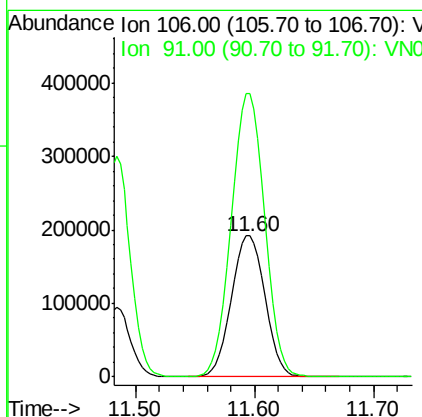
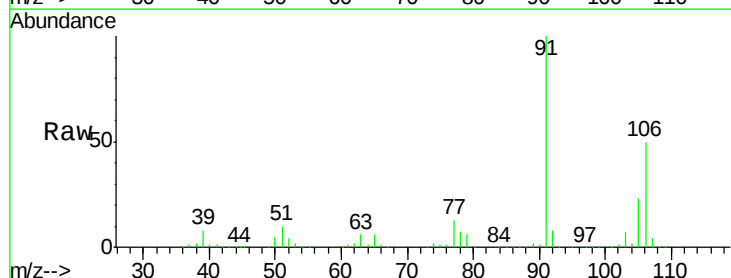
Manual Integrations
APPROVED

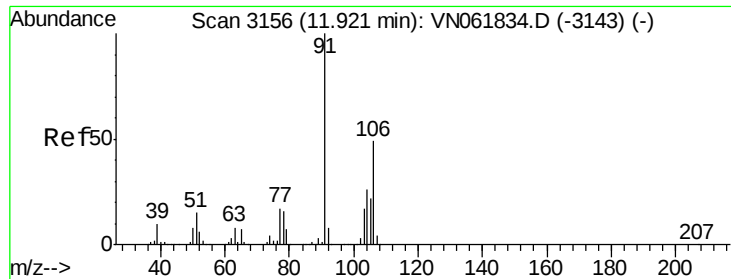
MMDadoda
6/22/2020 1:27:28 PM



#68
m/p-Xylenes
Concen: 104.038 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 106 Resp: 375633
Ion Ratio Lower Upper
106 100
91 198.4 157.0 235.6





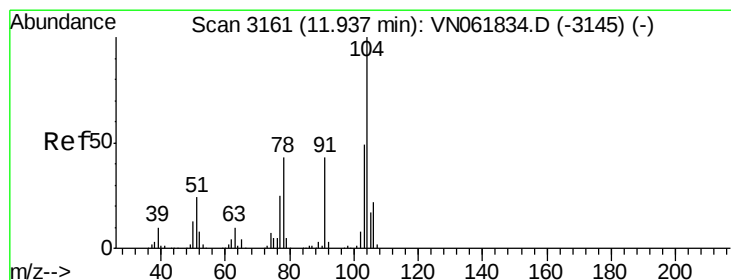
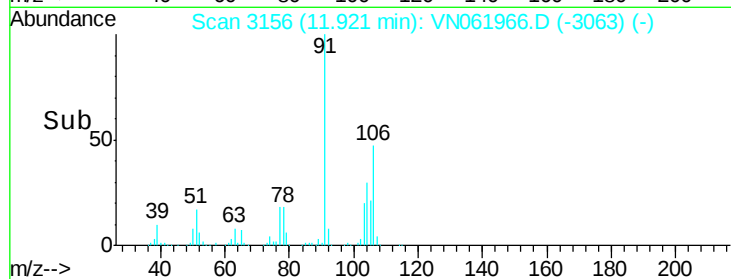
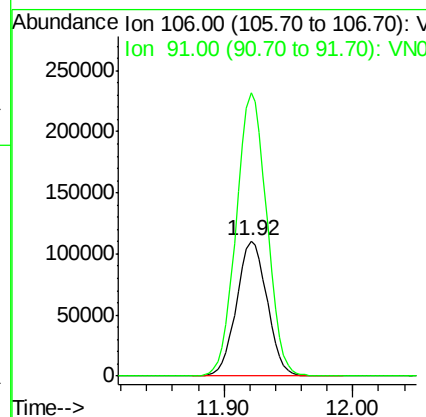
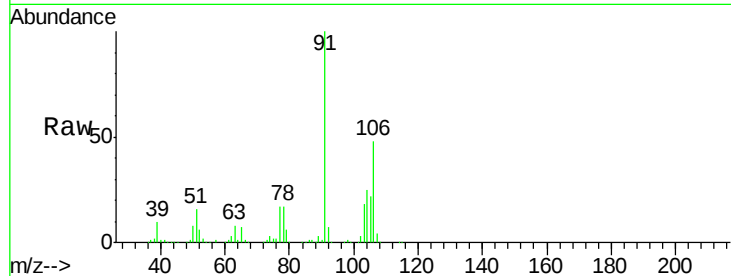
#69
o-Xylene
Concen: 52.734 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	181669		
91	91	210.6	103.0	308.9	

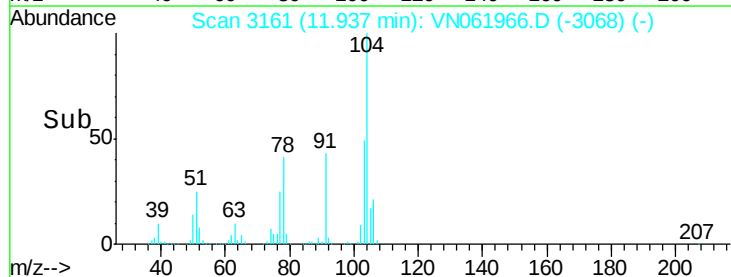
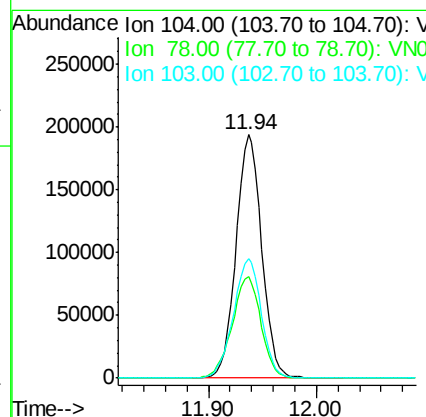
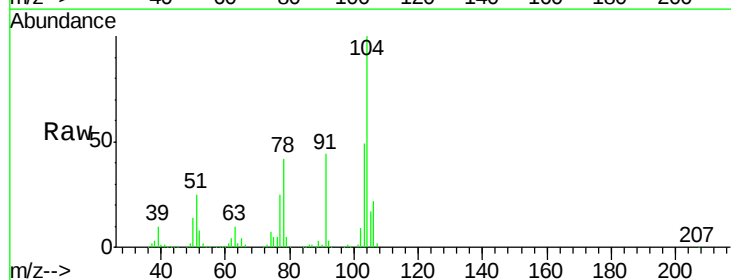
Manual Integrations
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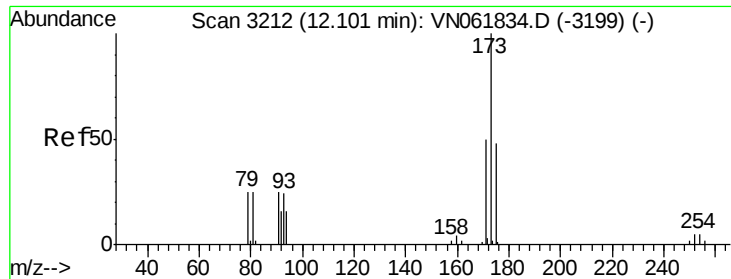
MMDadoda
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#70
Styrene
Concen: 55.549 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	320425		
78	78	46.9	37.6	56.4	
103	103	53.6	43.0	64.4	





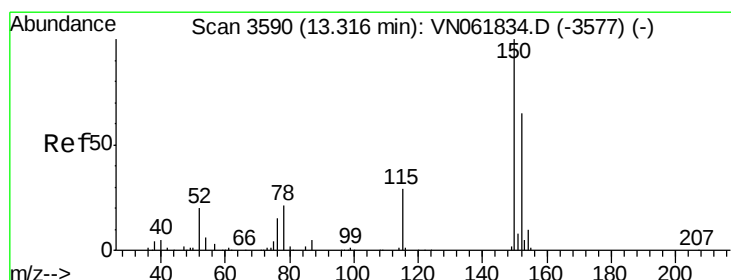
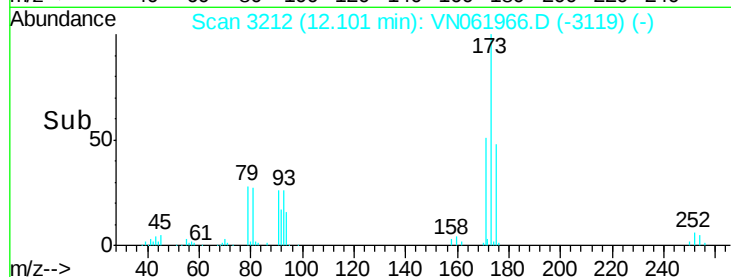
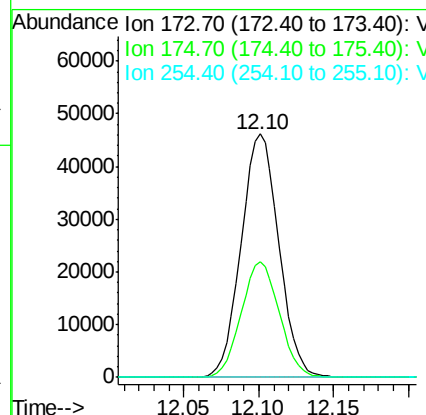
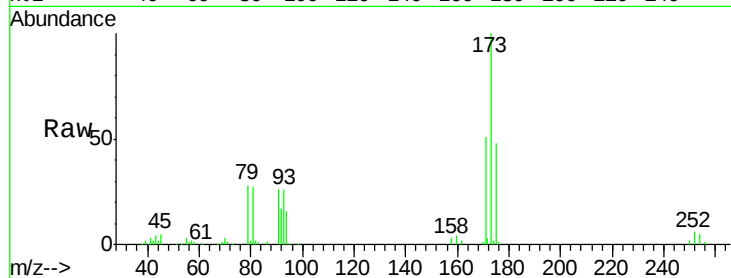
#71
Bromoform
Concen: 57.084 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.9	71.7
254	0.0	0.0	0.0

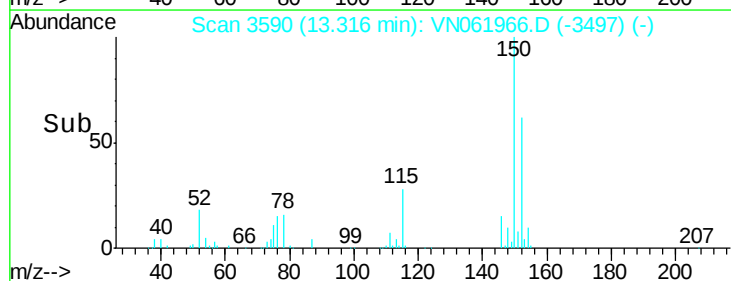
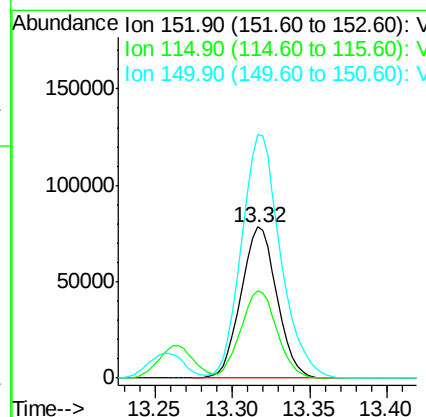
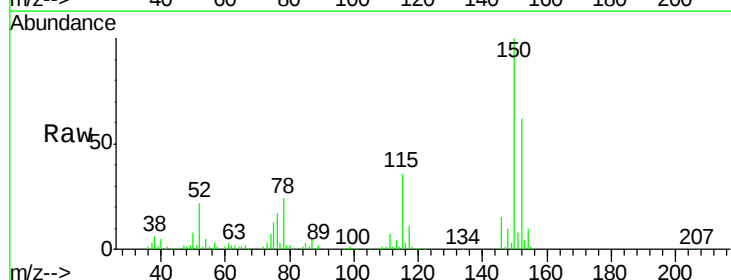
Manual Integrations
APPROVED

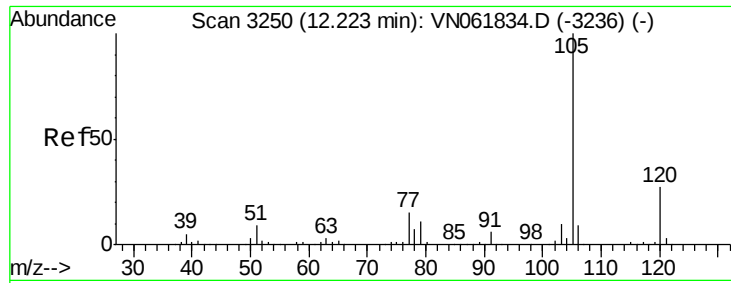
MMDadoda
6/22/2020 1:27:28 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.1	87.3
150	175.4	0.0	347.6





#73

Isopropylbenzene

Concen: 51.634 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

Tot Ion:105 Resp: 463321

Ion Ratio Lower Upper

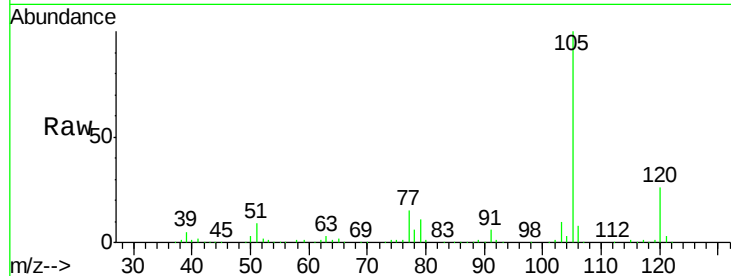
105 100

120 26.3 13.3 39.8

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

Ion 120.00 (119.70 to 120.70): V

12.22

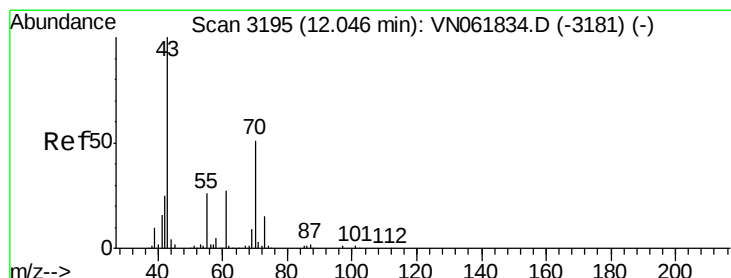
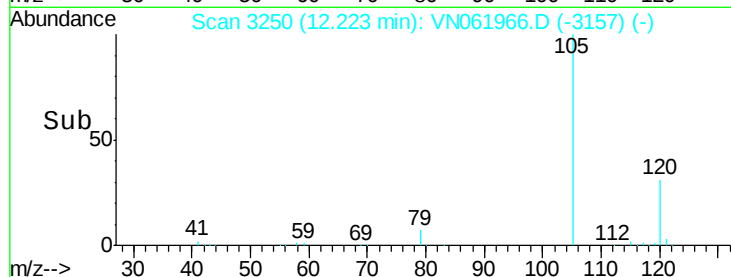
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 67.803 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Tgt Ion: 43 Resp: 224108

Ion Ratio Lower Upper

43 100

70 47.2 40.6 60.8

55 23.9 21.5 32.3

61 26.0 21.6 32.4

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

200000

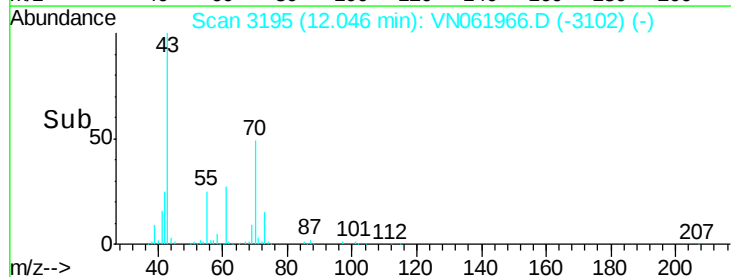
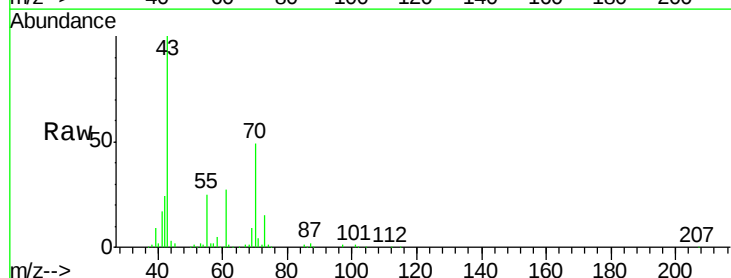
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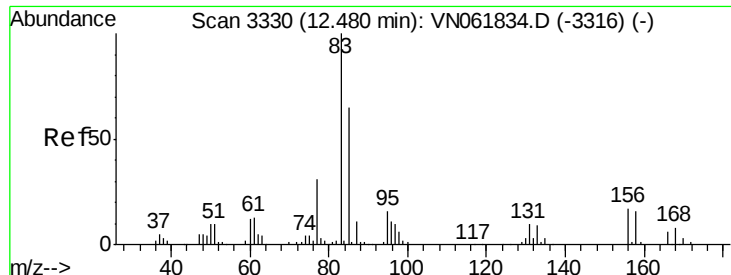
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 58.614 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

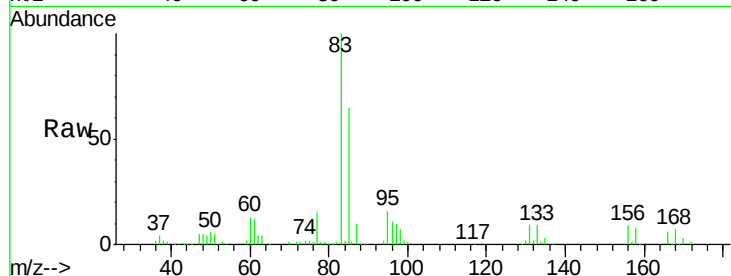
ClientSampleId :

S49-0563MSD

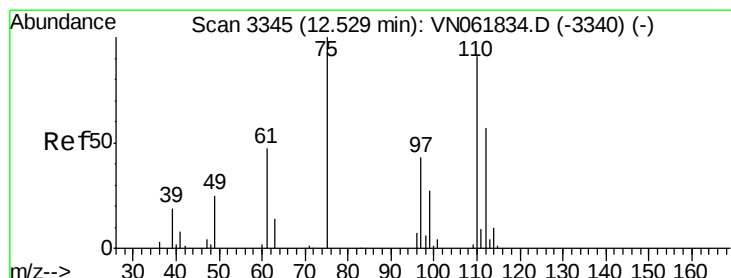
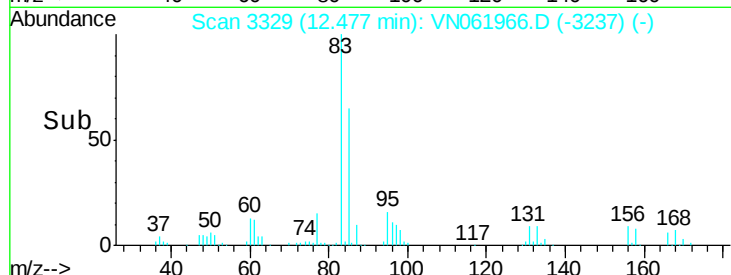
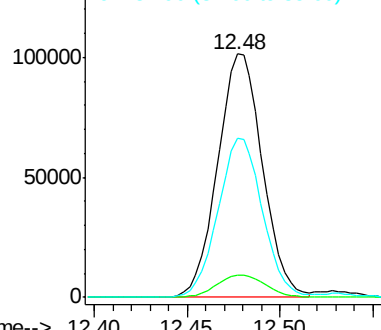
Tot Ion:	83	Resp:	170999
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	64.8	32.4	97.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 58.397 ug/l m

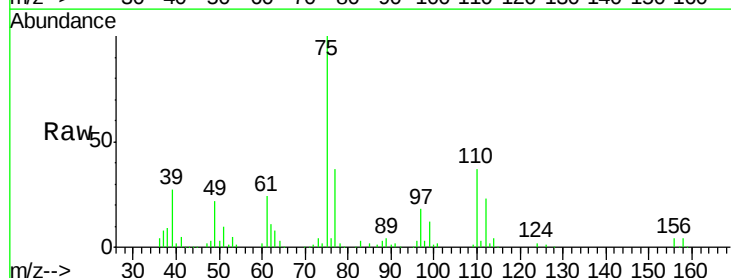
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

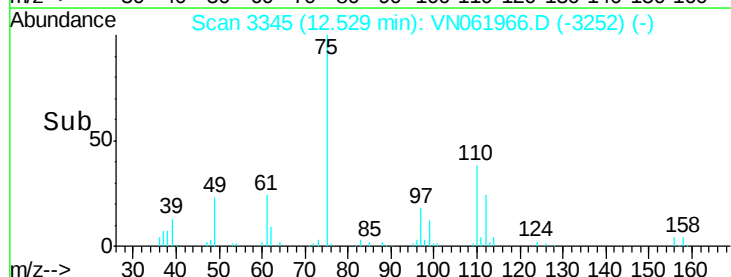
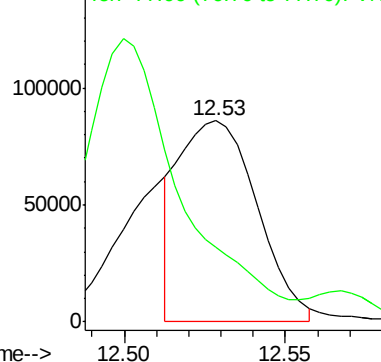
Lab File: VN061966.D

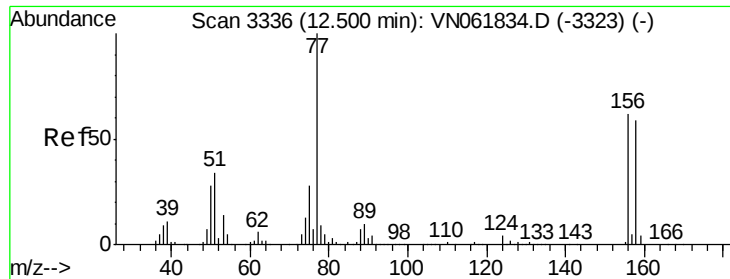
Acq: 19 Jun 2020 20:48

Tgt Ion:	75	Resp:	144769
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)





#77

Bromobenzene

Concen: 52.309 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

Tot Ion:156 Resp: 118416

Ion Ratio Lower Upper

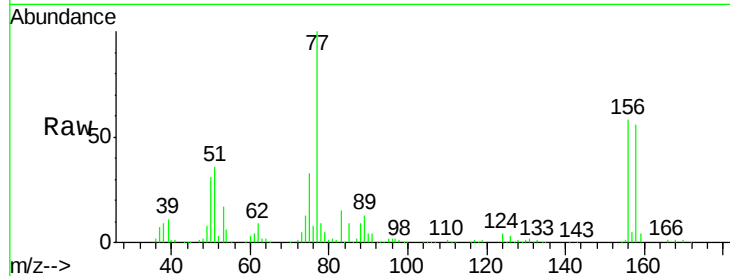
156 100

77 214.9 100.7 302.1

158 97.1 48.5 145.5

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

150000

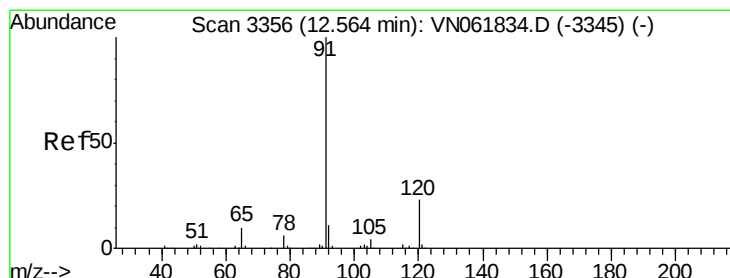
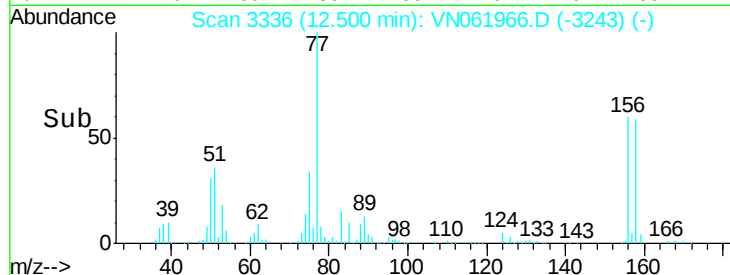
100000

50000

0

12.45 12.50 12.55

Time-->



#78

n-propylbenzene

Concen: 51.207 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061966.D

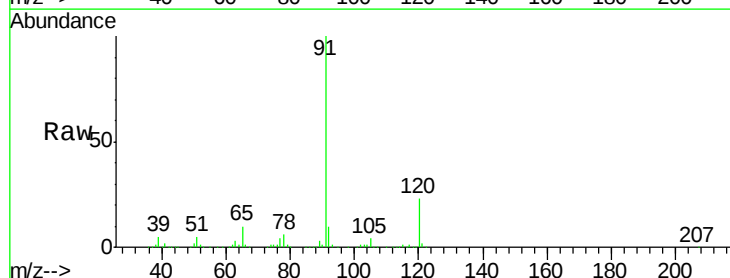
Acq: 19 Jun 2020 20:48

Tgt Ion: 91 Resp: 524297

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

300000

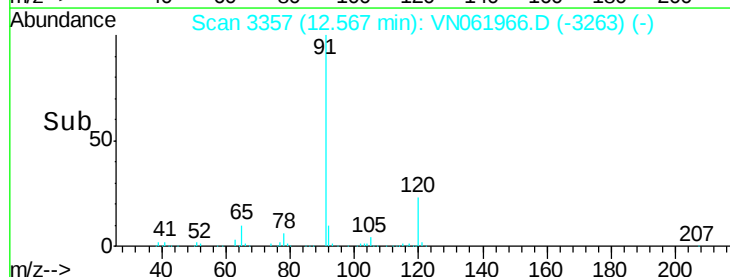
200000

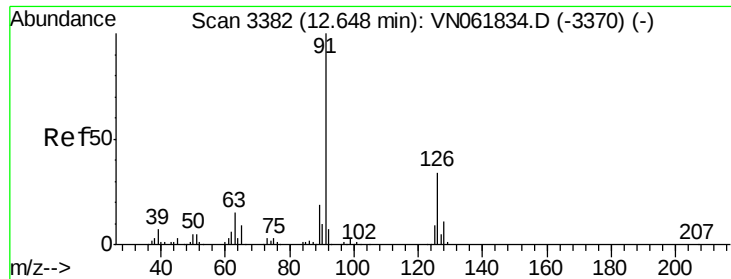
100000

0

12.50 12.55 12.60

Time-->





#79

2-Chlorotoluene

Concen: 52.132 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

Tot Ion: 91 Resp: 320575

Ion Ratio Lower Upper

91 100

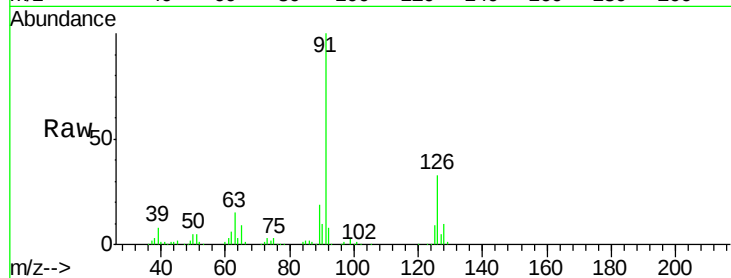
126 33.5 17.3 51.7

Manual Integrations

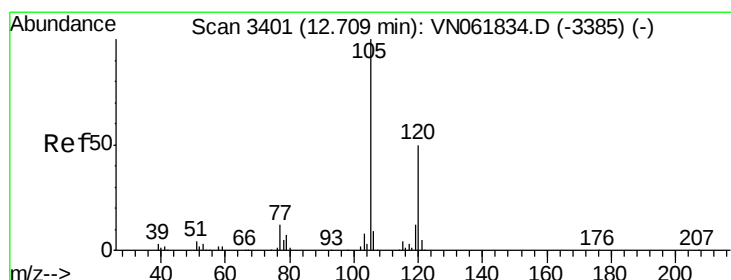
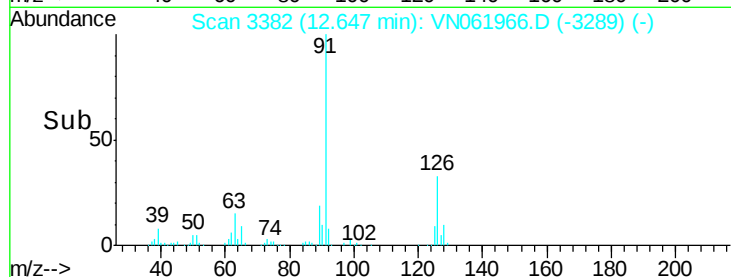
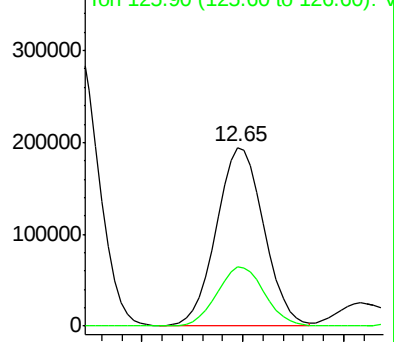
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Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.145 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061966.D

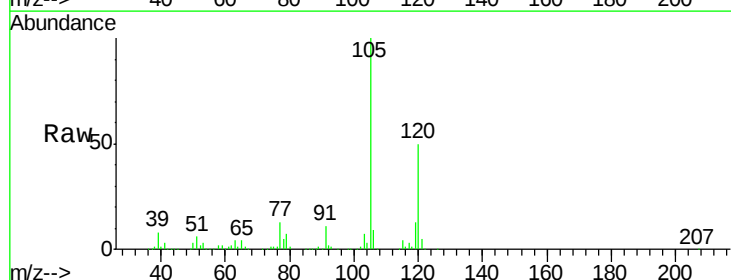
Acq: 19 Jun 2020 20:48

Tgt Ion: 105 Resp: 379683

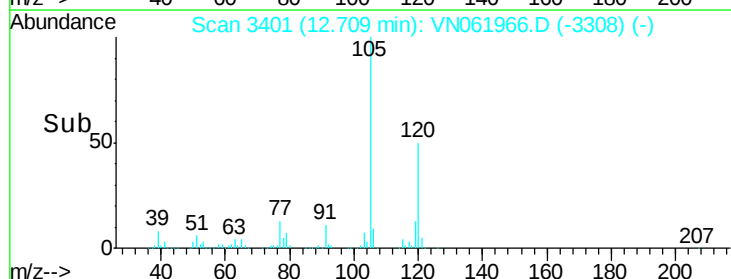
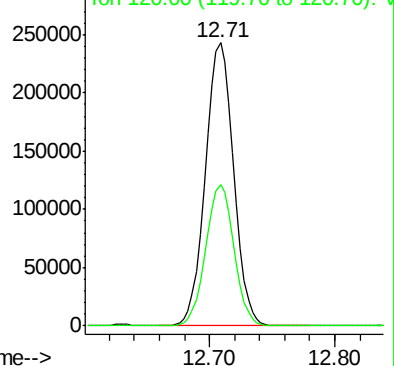
Ion Ratio Lower Upper

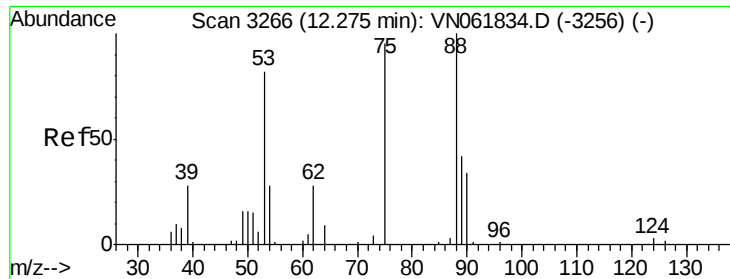
105 100

120 49.8 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3385) (-)





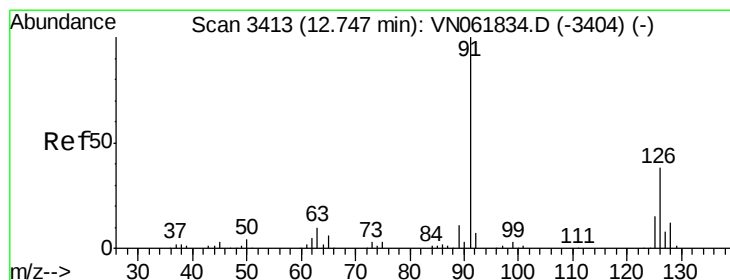
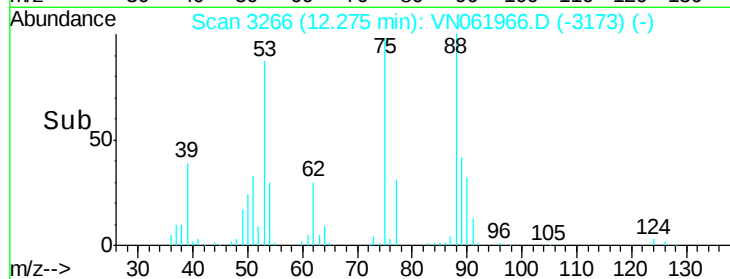
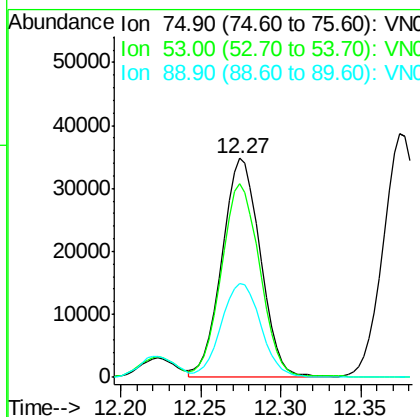
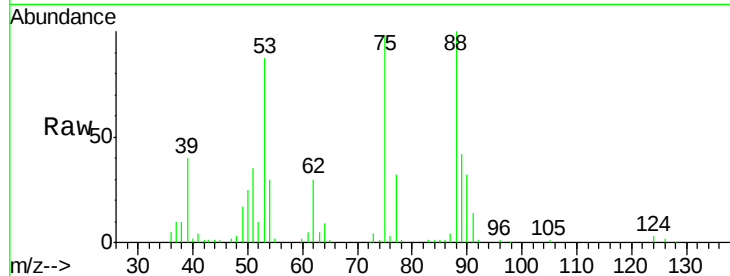
#81
trans-1,4-Dichloro-2-butene
Concen: 62.950 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.1	70.4	105.6
89	44.2	36.0	54.0

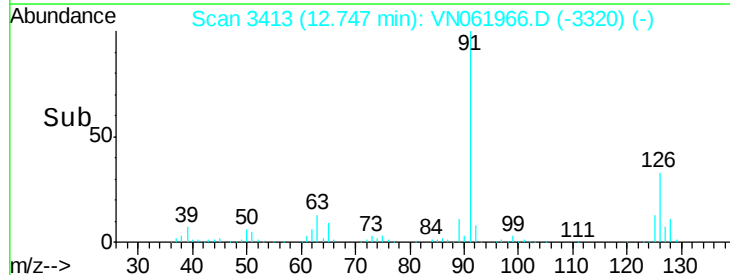
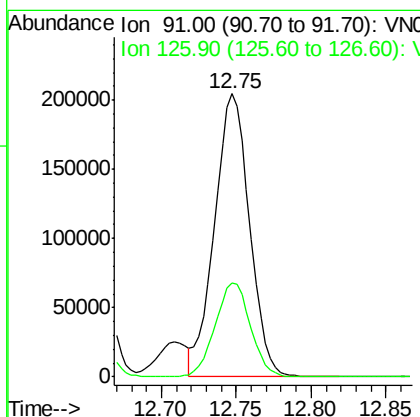
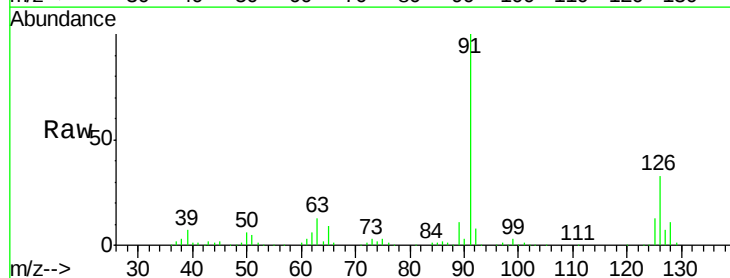
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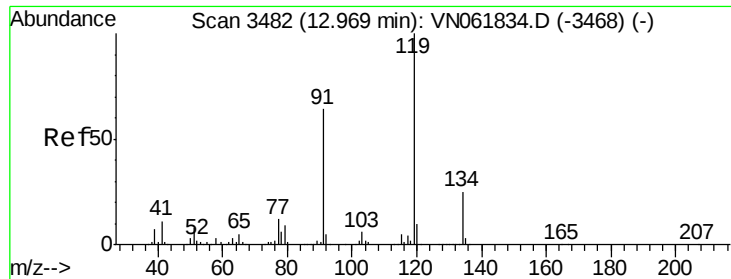
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.259 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.2	51.6





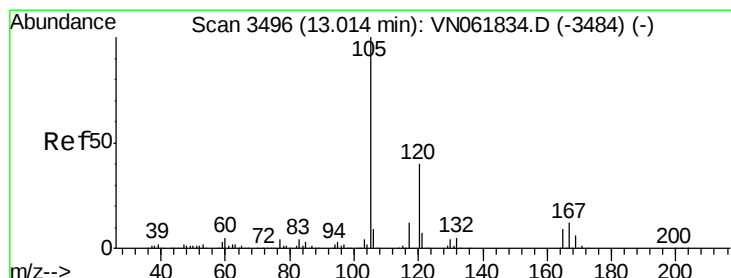
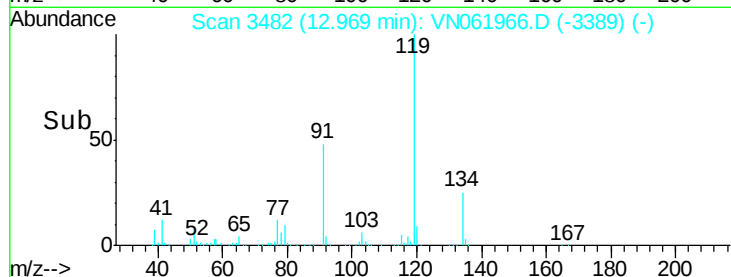
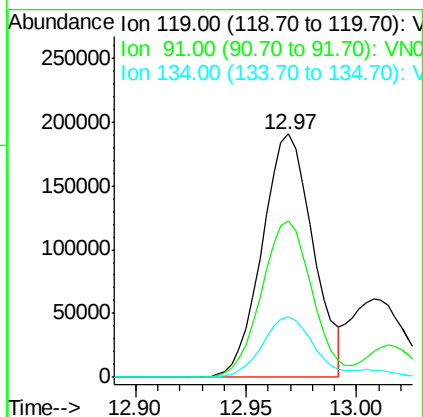
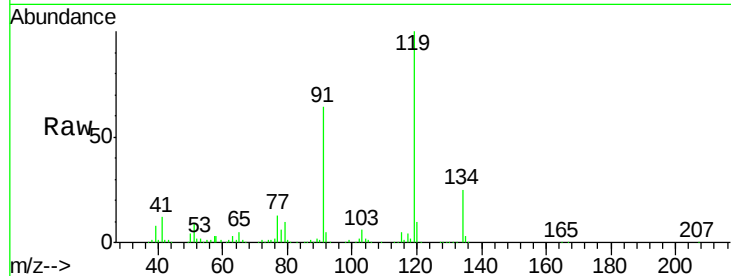
#83
 tert-Butylbenzene
 Concen: 48.368 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.3	31.5	94.5
134	25.1	13.3	39.9

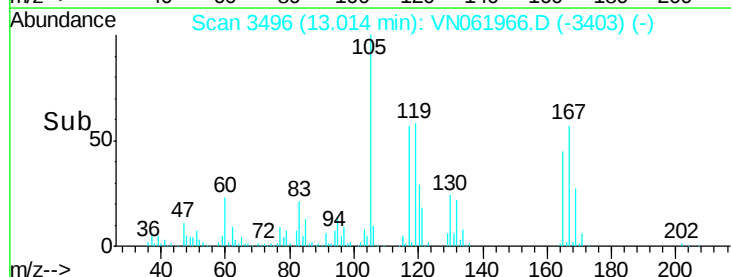
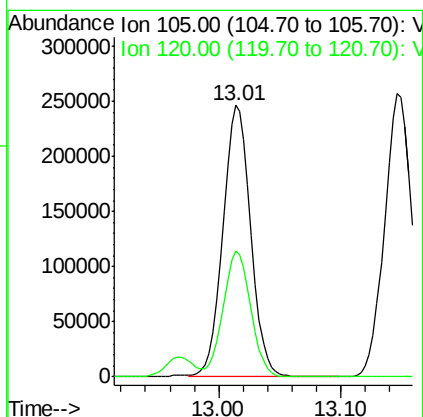
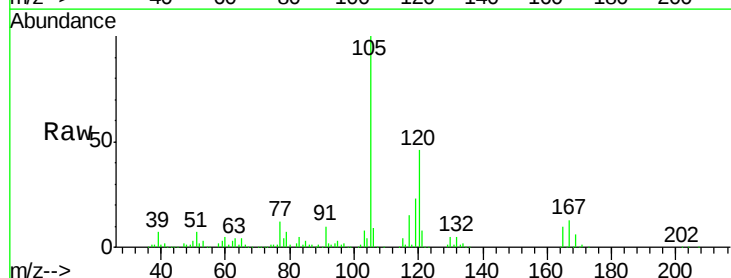
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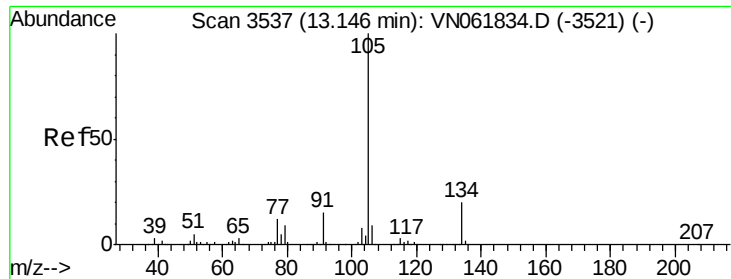
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.461 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.3	69.9





#85

sec-Butylbenzene

Concen: 49.185 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampled :

S49-0563MSD

Tot Ion:105 Resp: 405163

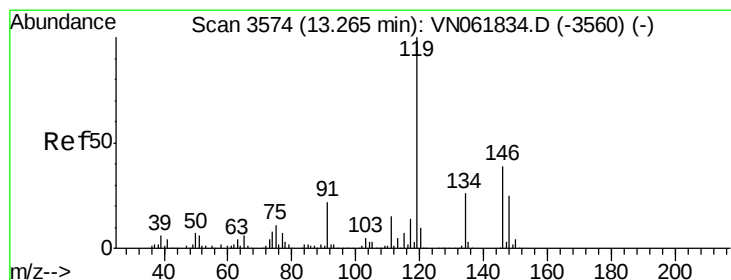
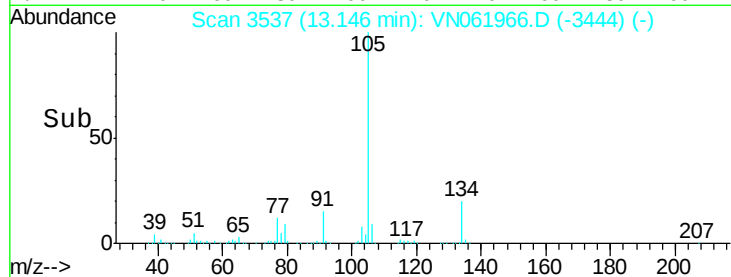
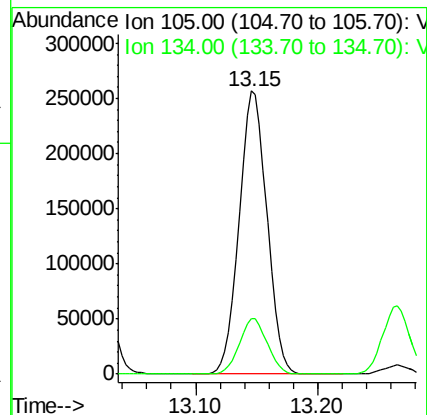
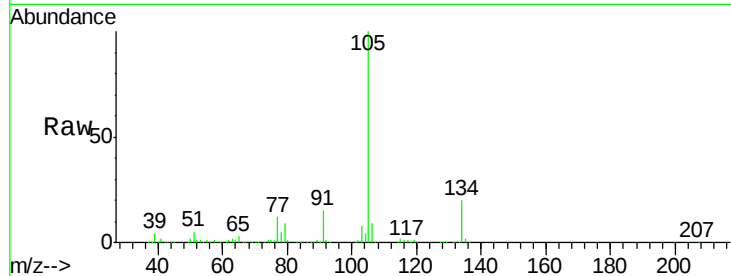
Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 49.798 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

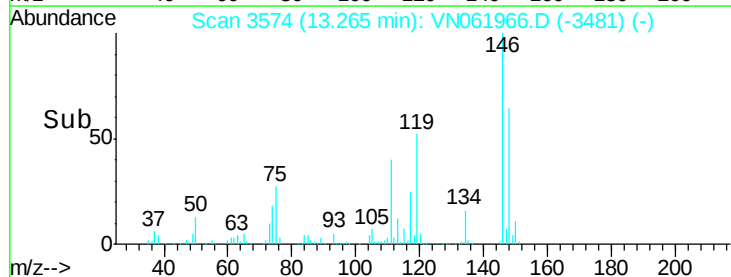
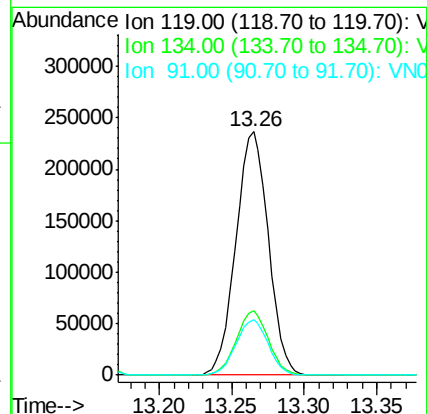
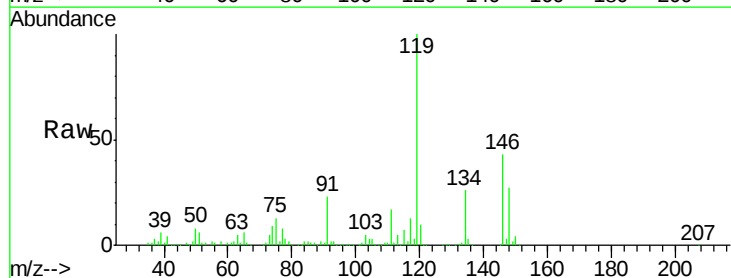
Tgt Ion:119 Resp: 365530

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

91 22.5 11.2 33.6





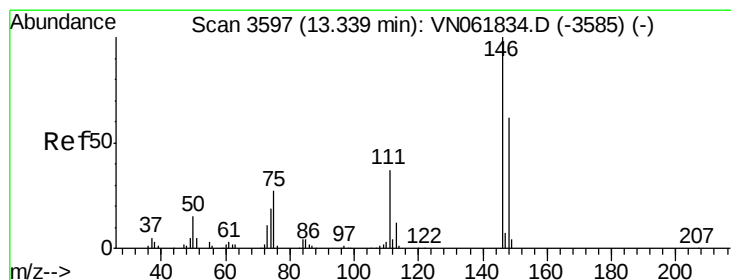
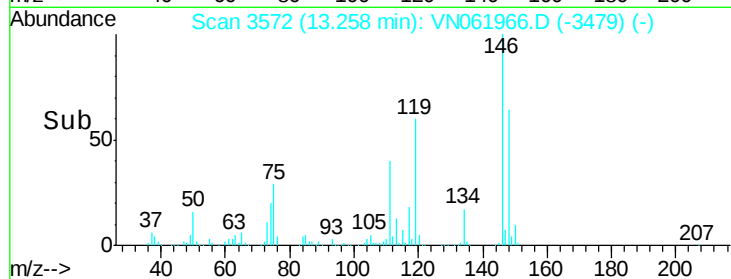
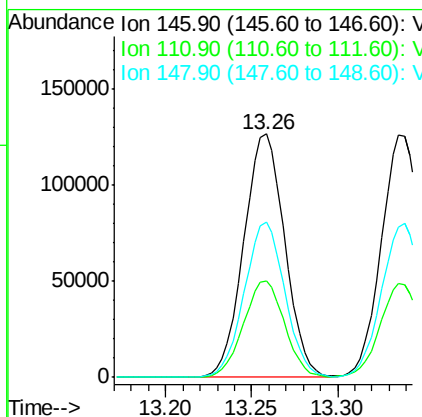
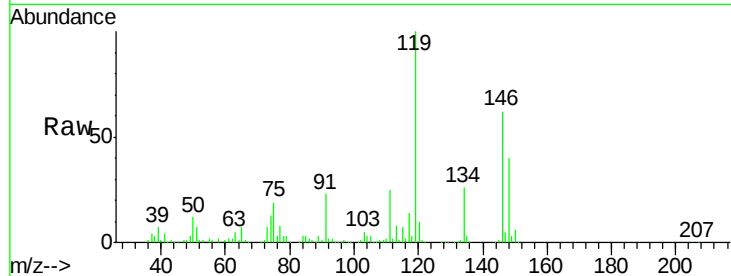
#87
 1,3-Dichlorobenzene
 Concen: 50.631 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	209048		
111	39.7		19.6	58.8
148	63.1		31.8	95.4

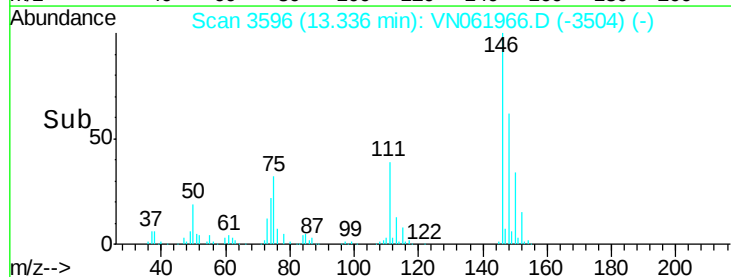
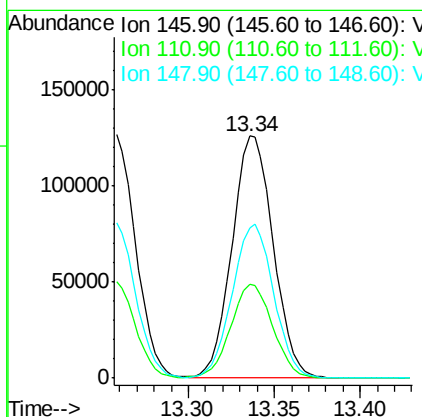
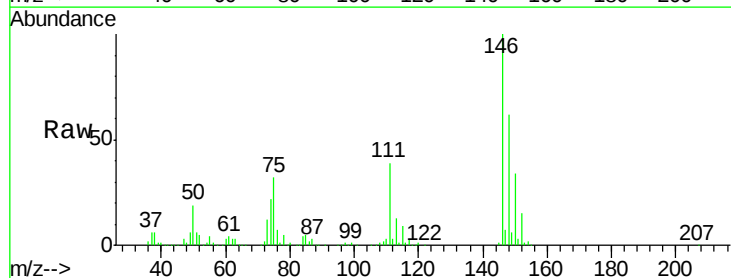
Manual Integrations
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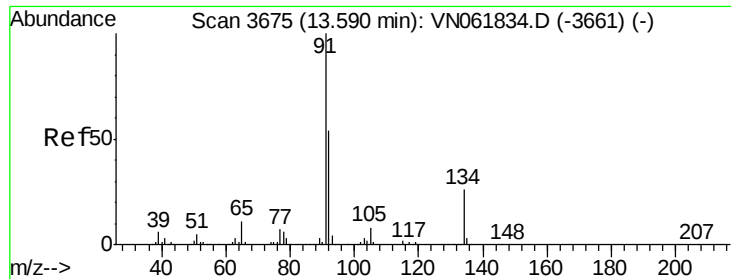
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#88
 1,4-Dichlorobenzene
 Concen: 49.365 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	208632		
111	39.6		19.3	57.8
148	64.5		31.6	94.7





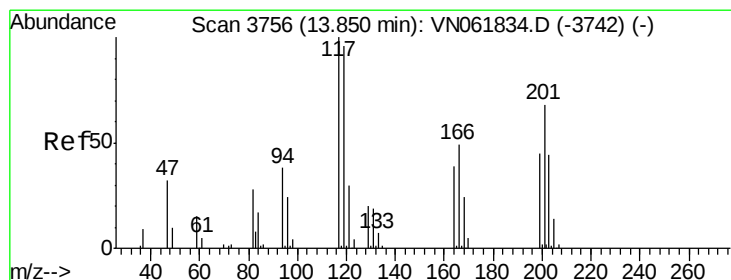
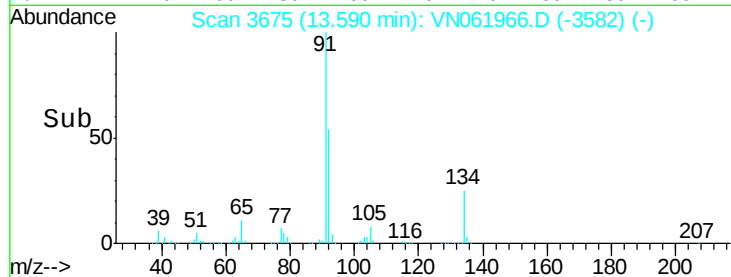
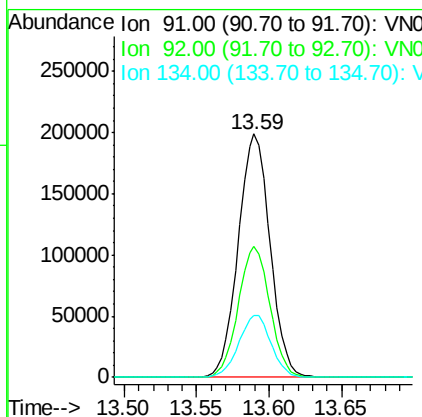
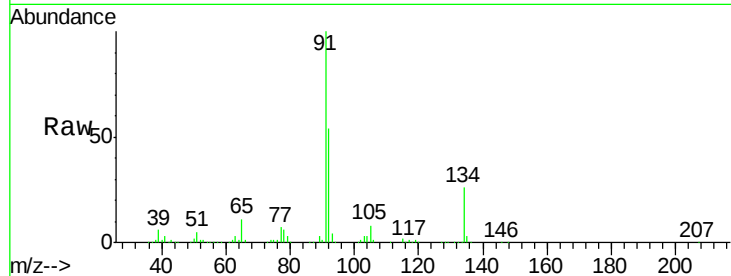
#89
n-Butylbenzene
Concen: 49.519 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.6	27.0	80.8	
134	25.7	13.0	39.0	

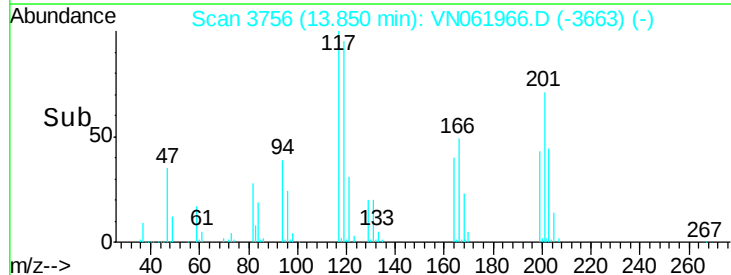
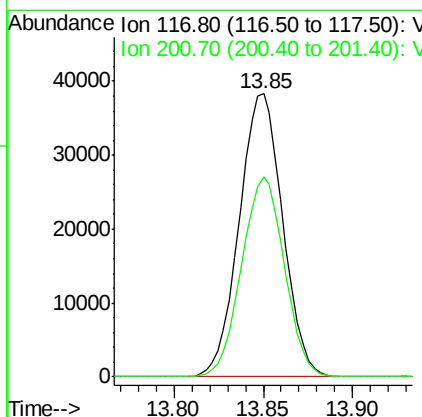
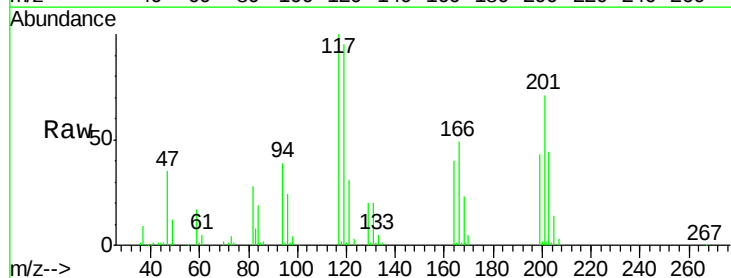
Manual Integrations
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#90
Hexachloroethane
Concen: 48.517 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	69.6	34.6	103.8	





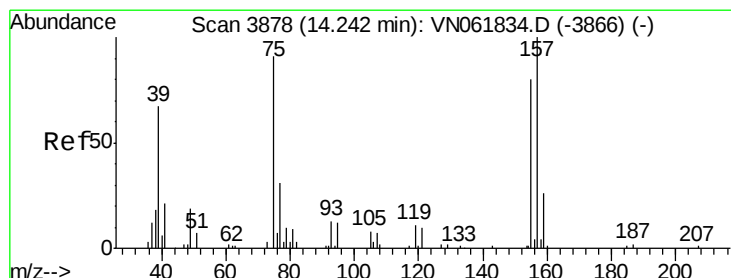
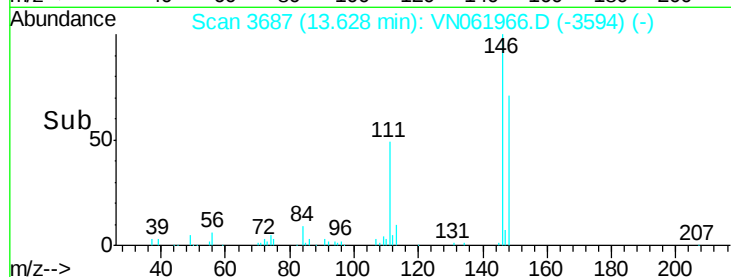
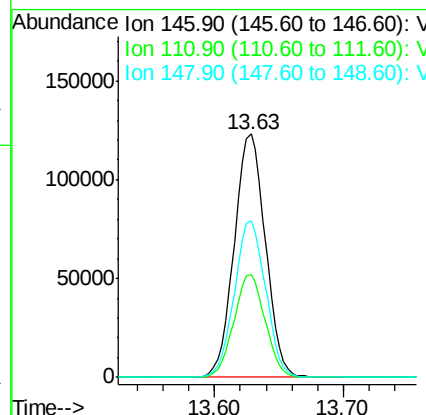
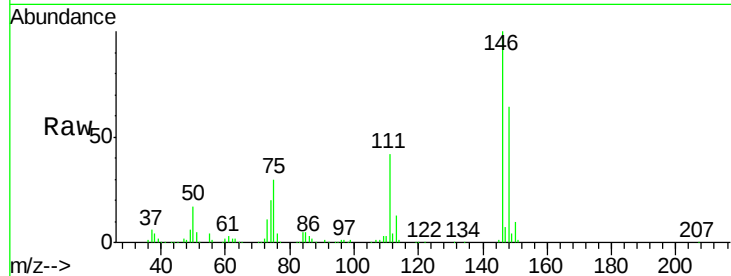
#91
 1,2-Dichlorobenzene
 Concen: 52.058 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.4	61.2
148	64.4	31.8	95.4

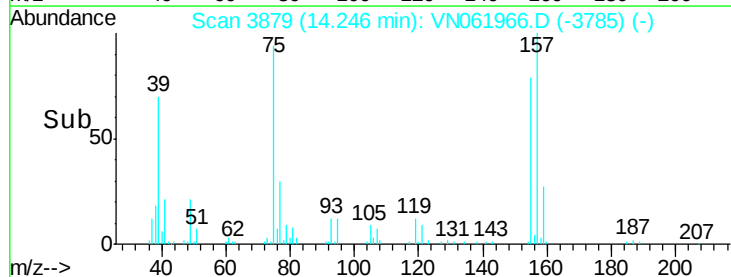
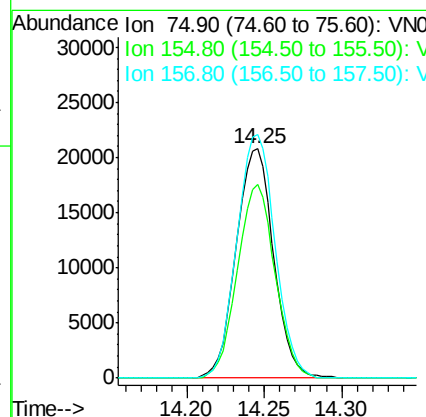
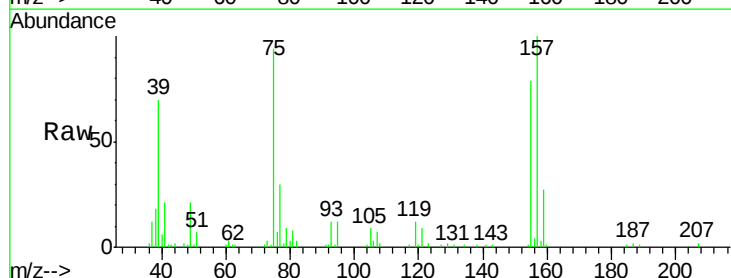
Manual Integrations
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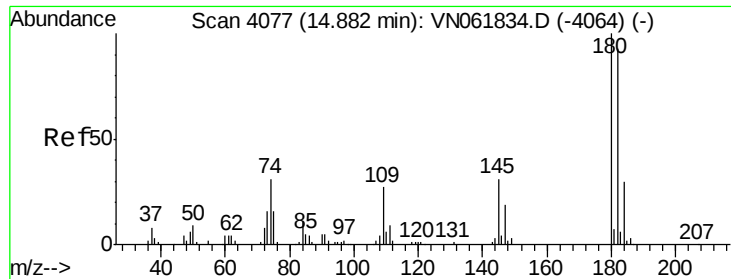
MMDadoda
 6/22/2020 1:27:28 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 74.024 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.2	44.4	133.2
157	108.0	57.0	171.2





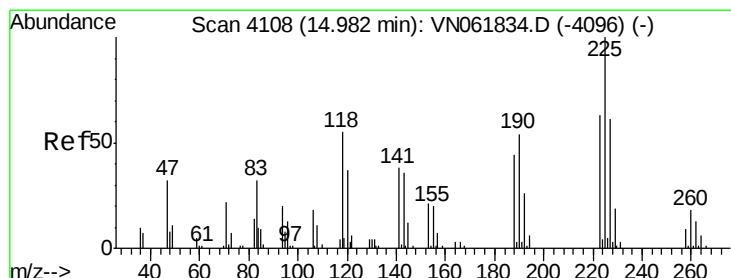
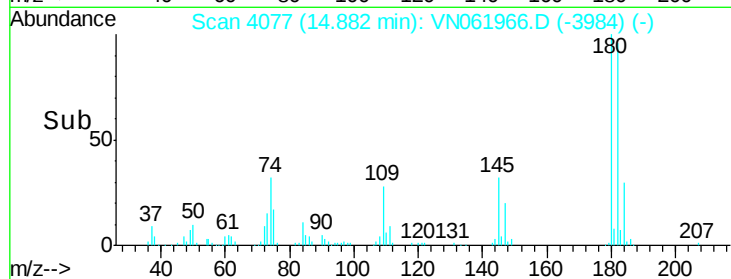
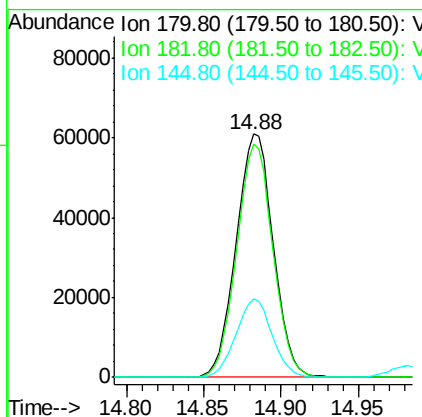
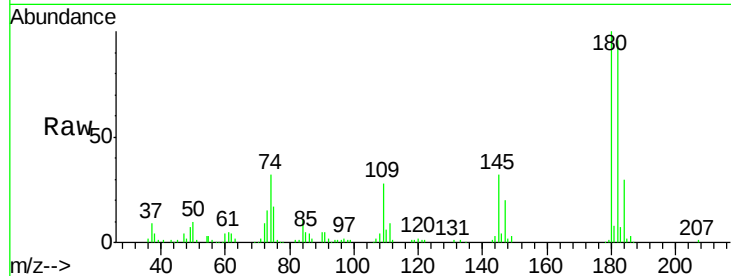
#93
 1,2,4-Trichlorobenzene
 Concen: 54.091 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Instrument :
 MSVOA_N
 ClientSampled :
 S49-0563MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	101455		
182	93.6	47.0	141.2	
145	31.1	15.8	47.3	

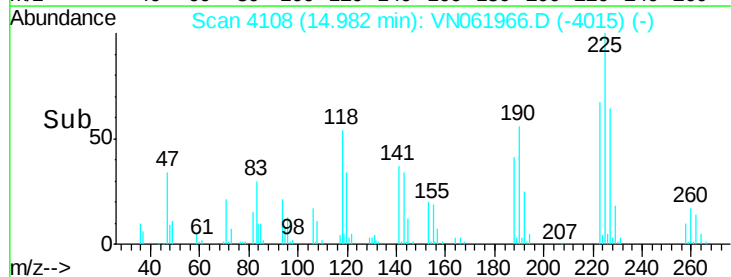
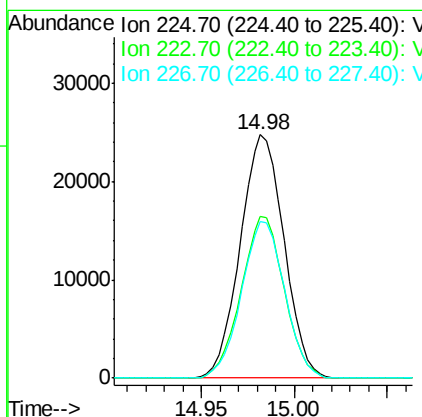
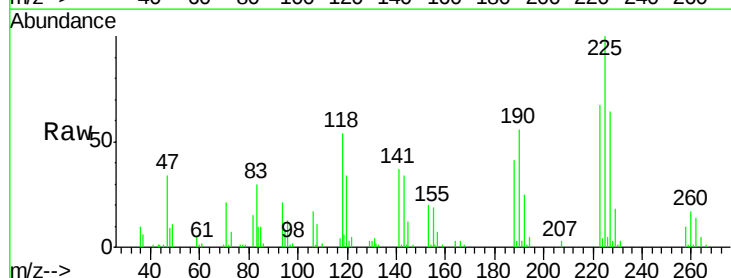
Manual Integrations
 APPROVED

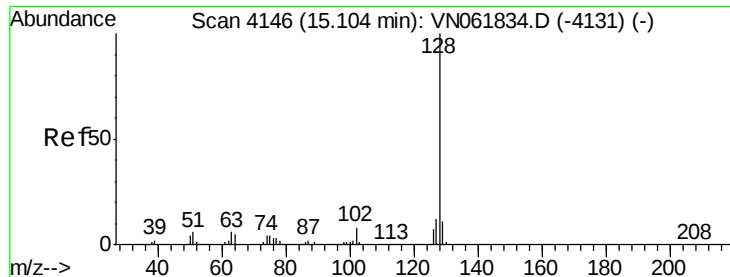
MMDadoda
 6/22/2020 1:27:28 PM



#94
 Hexachlorobutadiene
 Concen: 55.082 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	40691		
223	65.2	31.7	95.1	
227	63.4	30.1	90.3	





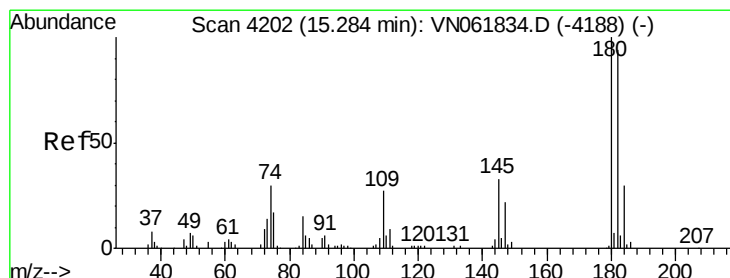
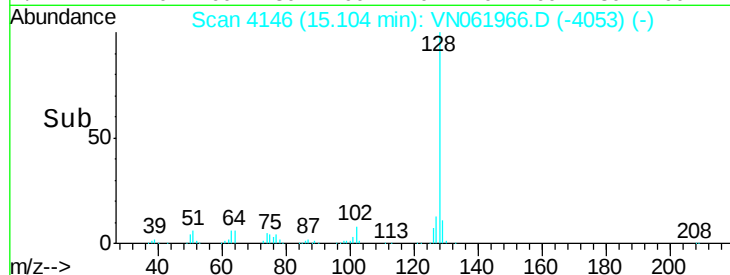
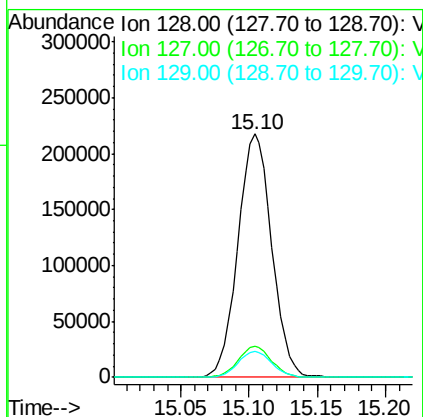
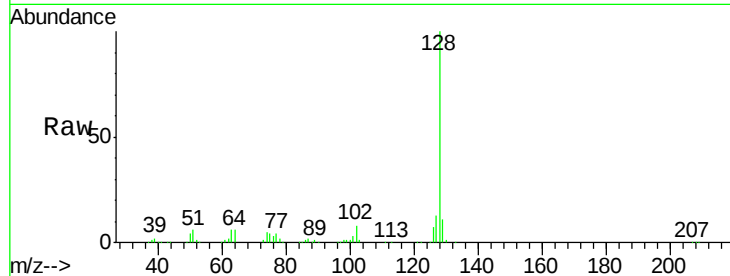
#95
Naphthalene
Concen: 58.924 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/22/2020 1:27:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.843 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.6
145	33.2	16.5	49.5

