

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042720\
 Data File : VN061154.D
 Acq On : 27 Apr 2020 17:35
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 4/28/2020 8:14:41 PM

Quant Time: Apr 28 02:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 01:31:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	120898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	211774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	203680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101273	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	201585	121.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	243.14%	
35) Dibromofluoromethane	7.55	113	130862	107.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.70%	
50) Toluene-d8	10.06	98	553265	107.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.56%	
62) 4-Bromofluorobenzene	12.38	95	212292	109.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	142236	123.675	ug/l	99
3) Chloromethane	2.03	50	165068	117.722	ug/l	98
4) Vinyl Chloride	2.16	62	187016	110.939	ug/l	99
5) Bromomethane	2.52	94	88045	107.397	ug/l	99
6) Chloroethane	2.66	64	114544	124.494	ug/l	100
7) Trichlorofluoromethane	2.98	101	197621	108.874	ug/l	100
8) Diethyl Ether	3.37	74	91919	110.701	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	130721	109.249	ug/l	100
10) Methyl Iodide	3.91	142	173211	102.169	ug/l	99
11) Tert butyl alcohol	4.73	59	129506	607.654	ug/l	99
12) 1,1-Dichloroethene	3.70	96	130562	106.863	ug/l	99
13) Acrolein	3.56	56	88588	558.309	ug/l	97
14) Allyl chloride	4.27	41	220460	111.414	ug/l	93
15) Acrylonitrile	4.93	53	430327	649.369	ug/l	99
16) Acetone	3.77	43	366010	459.194	ug/l	99
17) Carbon Disulfide	4.01	76	381137	105.739	ug/l	100
18) Methyl Acetate	4.27	43	243110	112.646	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	509470	116.838	ug/l	100
20) Methylene Chloride	4.50	84	153403	108.125	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	147910	101.602	ug/l	98
22) Diisopropyl ether	5.90	45	596865	129.985	ug/l	99
23) Vinyl Acetate	5.84	43	2471761	670.972	ug/l	100
24) 1,1-Dichloroethane	5.80	63	301413	120.283	ug/l	100
25) 2-Butanone	6.78	43	610988	668.969	ug/l	99
26) 2,2-Dichloropropane	6.77	77	238527	107.900	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	173326	107.004	ug/l	98
28) Bromochloromethane	7.15	49	141291	130.007	ug/l	97
29) Tetrahydrofuran	7.16	42	421880	671.386	ug/l	99
30) Chloroform	7.33	83	302261	119.336	ug/l	99
31) Cyclohexane	7.61	56	281495	111.954	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	265089	117.391	ug/l	100
36) 1,1-Dichloropropene	7.75	75	229476	110.498	ug/l	99
37) Ethyl Acetate	6.88	43	262068	122.844	ug/l	99
38) Carbon Tetrachloride	7.73	117	198503	110.048	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	261021	104.279	ug/l	99
40) Benzene	8.00	78	667665	108.760	ug/l	100
41) Methacrylonitrile	7.12	41	110038	112.592	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	251747	113.450	ug/l	100
43) Isopropyl Acetate	8.12	43	445099	123.207	ug/l	100
44) Trichloroethene	8.80	130	172807	97.912	ug/l	99
45) 1,2-Dichloropropane	9.08	63	177967	109.047	ug/l	98
46) Dibromomethane	9.17	93	113507	109.147	ug/l	99
47) Bromodichloromethane	9.37	83	243505	117.738	ug/l	98
48) Methyl methacrylate	9.17	41	207573	122.591	ug/l	98
49) 1,4-Dioxane	9.16	88	39867	1609.200	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1354159	639.954	ug/l	99
52) Toluene	10.12	92	416902	108.671	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	277312	110.499	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	287582	110.459	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	161583	109.246	ug/l	98
56) Ethyl methacrylate	10.40	69	273101	120.557	ug/l	99
57) 1,3-Dichloropropane	10.68	76	287720	113.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	686540	587.480	ug/l	99
59) 2-Hexanone	10.72	43	1001732	641.549	ug/l	99
60) Dibromochloromethane	10.87	129	175622	113.588	ug/l	99
61) 1,2-Dibromoethane	10.98	107	168111	110.497	ug/l	99
64) Tetrachloroethene	10.60	164	179185	88.247	ug/l	100
65) Chlorobenzene	11.41	112	424982	103.446	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	154896	106.327	ug/l	99
67) Ethyl Benzene	11.48	91	822670	107.115	ug/l	100
68) m/p-Xylenes	11.60	106	600843	210.096	ug/l	99
69) o-Xylene	11.92	106	291396	105.593	ug/l	100
70) Styrene	11.94	104	506865	113.010	ug/l	100
71) Bromoform	12.10	173	123420	112.970	ug/l #	99
73) Isopropylbenzene	12.22	105	793609	104.260	ug/l	99
74) N-amyl acetate	12.04	43	416723	119.381	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	238476	114.220	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	215281m	93.931	ug/l	
77) Bromobenzene	12.50	156	180440	98.252	ug/l	99
78) n-propylbenzene	12.57	91	943800	105.451	ug/l	100
79) 2-Chlorotoluene	12.65	91	547115	105.205	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	667705	104.208	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	91395	104.530	ug/l	98
82) 4-Chlorotoluene	12.75	91	584398	105.757	ug/l	99
83) tert-Butylbenzene	12.97	119	559115	104.035	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	668339	104.404	ug/l	99
85) sec-Butylbenzene	13.15	105	766567	105.071	ug/l	100
86) p-Isopropyltoluene	13.26	119	693504	104.853	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	330493	100.777	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	333755	100.459	ug/l	100
89) n-Butylbenzene	13.59	91	640738	106.122	ug/l	100
90) Hexachloroethane	13.85	117	71040	133.089	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	314595	102.922	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53264	117.322	ug/l	100

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VSTDICC100

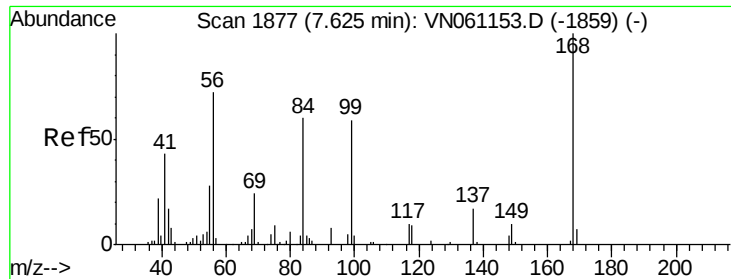
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	196868	97.128	ug/l	99
94) Hexachlorobutadiene	14.98	225	80338	91.499	ug/l	98
95) Naphthalene	15.10	128	659796	104.603	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	193552	99.173	ug/l	100

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



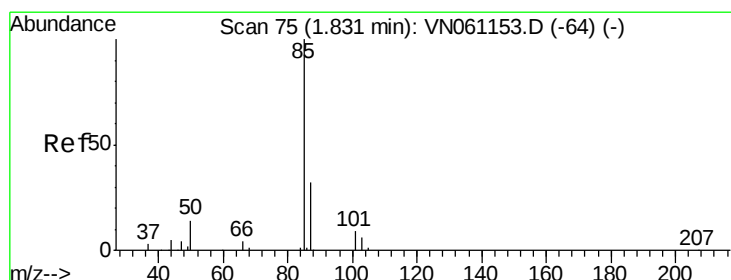
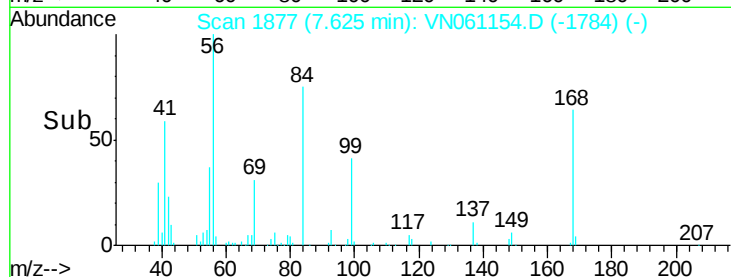
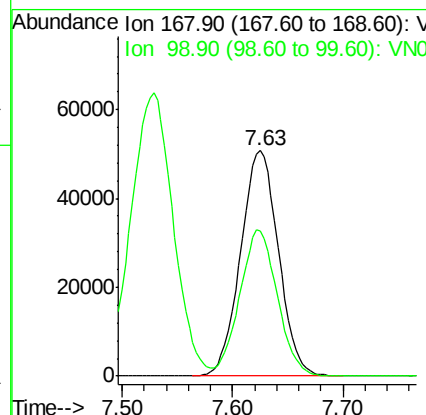
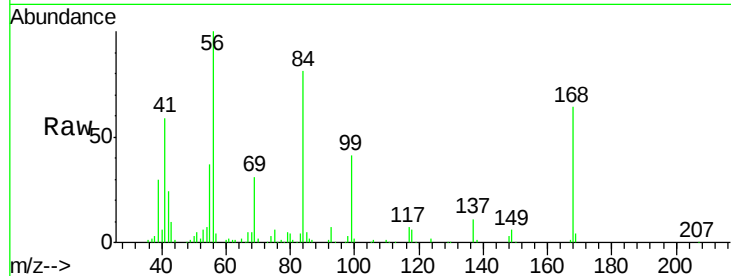
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
168	100		
99	64.5	51.2	76.8

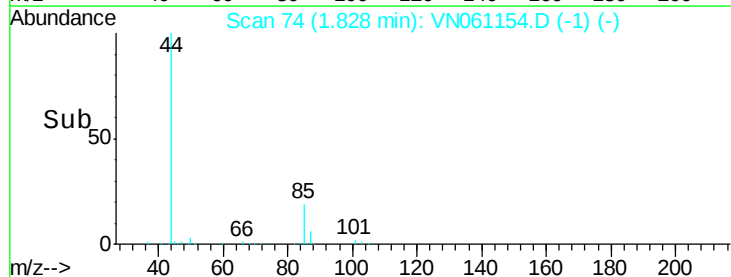
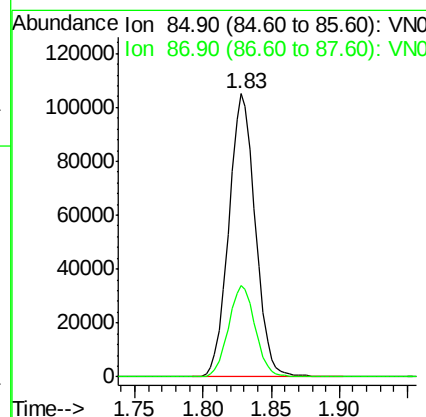
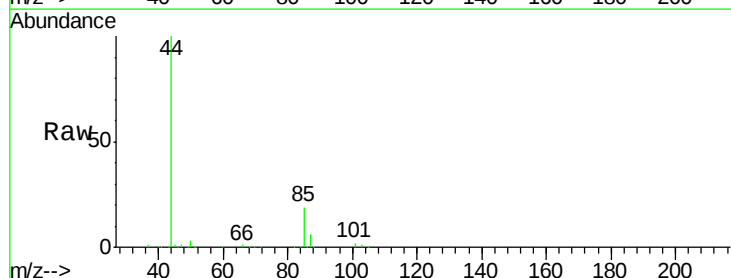
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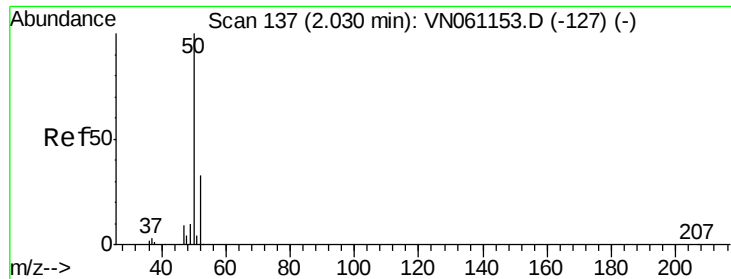
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#2
Dichlorodifluoromethane
Concen: 123.675 ug/l
RT: 1.83 min Scan# 74
Delta R.T. -0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.1	48.2





#3

Chloromethane

Concen: 117.722 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 165068

Ion Ratio Lower Upper

50 100

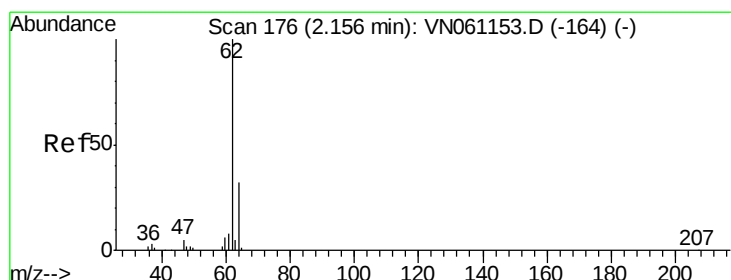
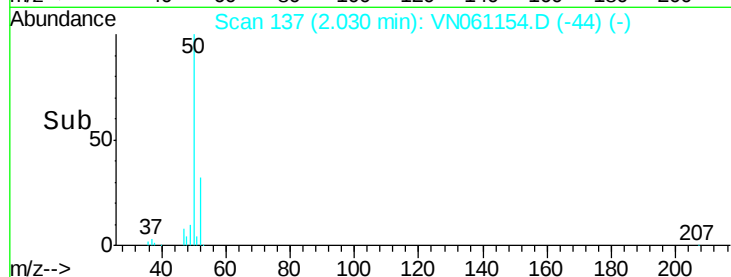
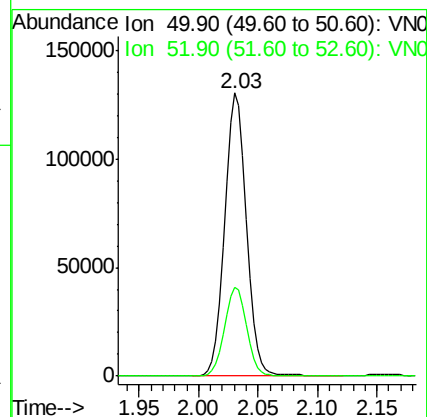
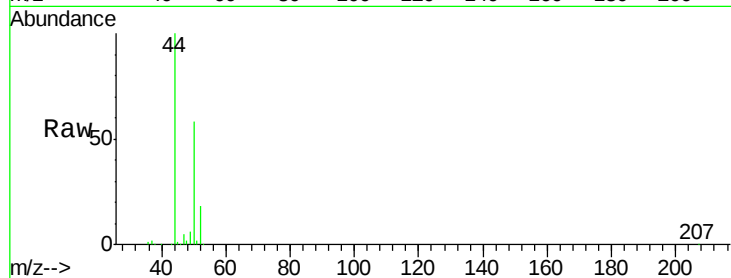
52 31.5 26.0 39.0

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#4

Vinyl Chloride

Concen: 110.939 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061154.D

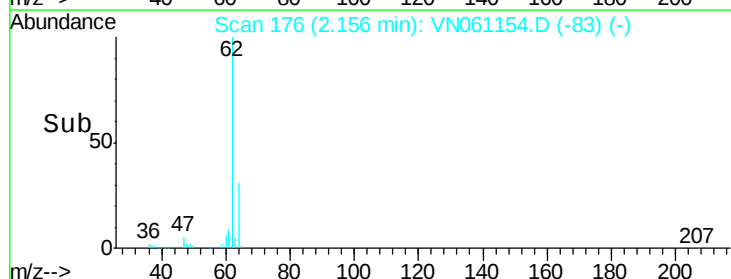
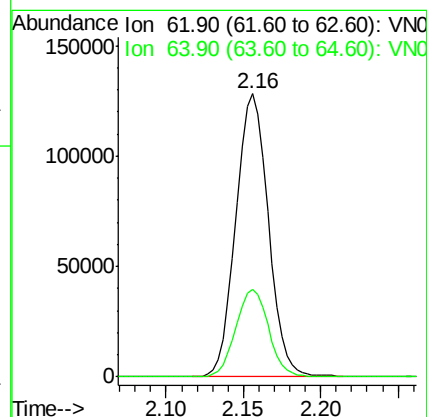
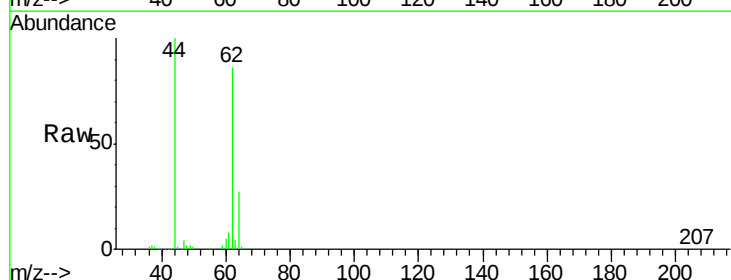
Acq: 27 Apr 2020 17:35

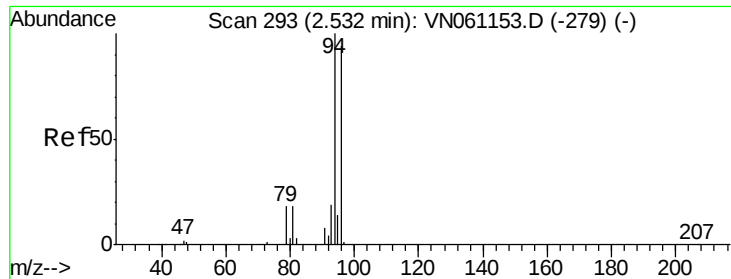
Tgt Ion: 62 Resp: 187016

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 107.397 ug/l

RT: 2.52 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 88045

Ion Ratio Lower Upper

94 100

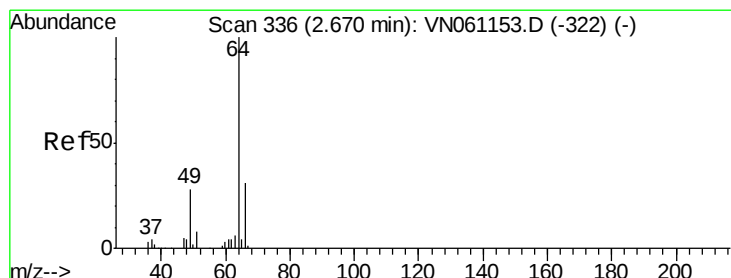
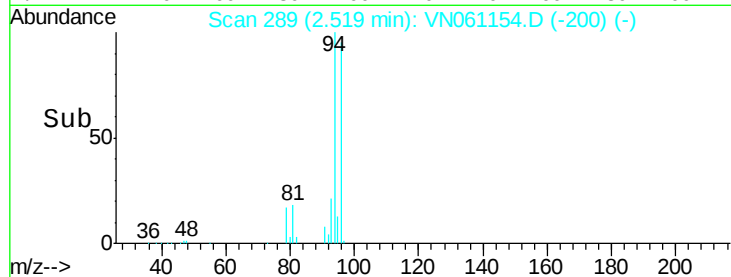
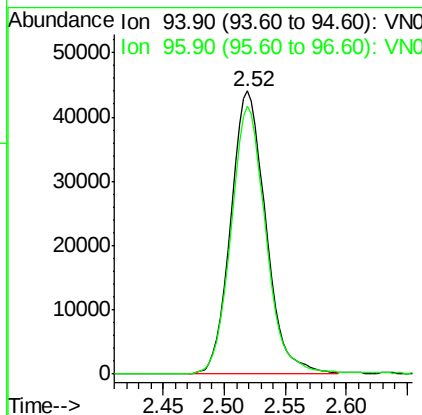
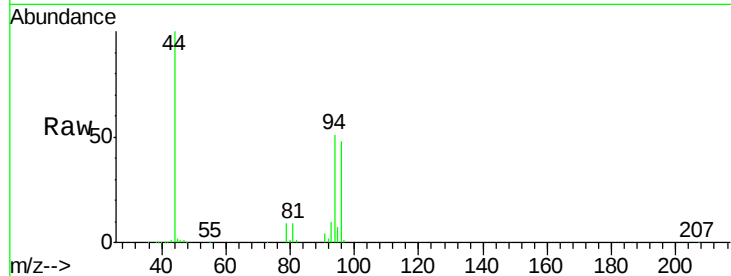
96 94.7 75.1 112.7

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#6

Chloroethane

Concen: 124.494 ug/l

RT: 2.66 min Scan# 334

Delta R.T. -0.01 min

Lab File: VN061154.D

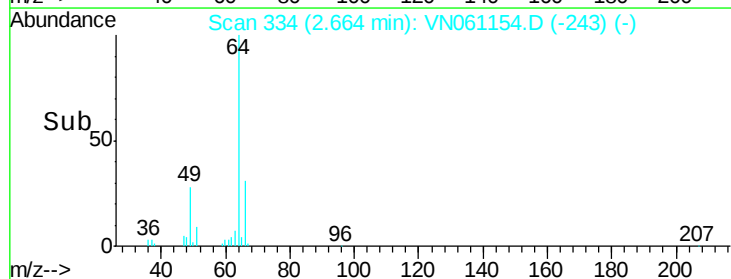
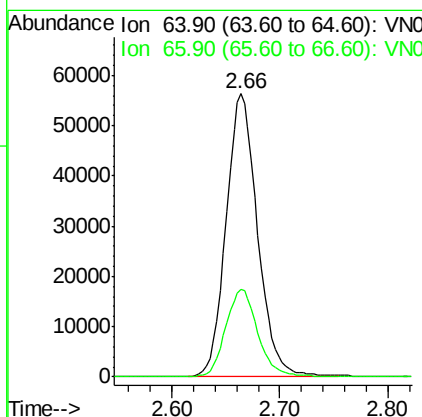
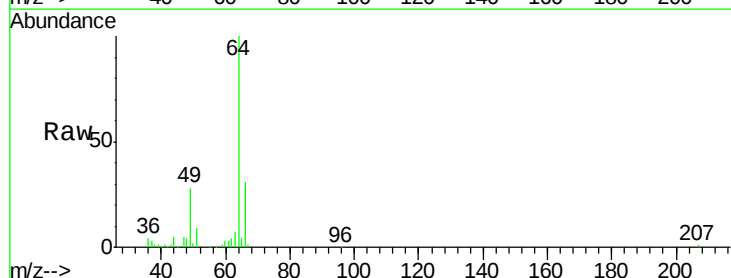
Acq: 27 Apr 2020 17:35

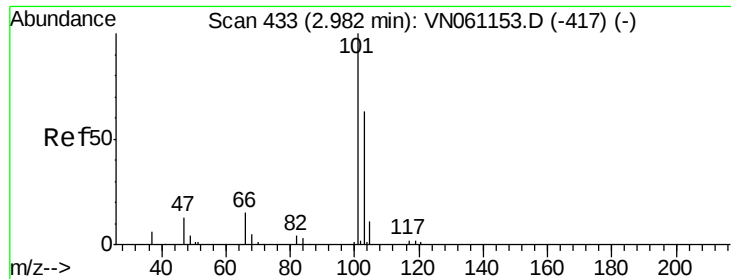
Tgt Ion: 64 Resp: 114544

Ion Ratio Lower Upper

64 100

66 30.9 24.6 36.8





#7

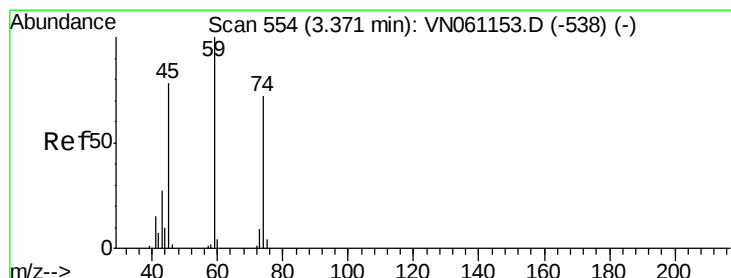
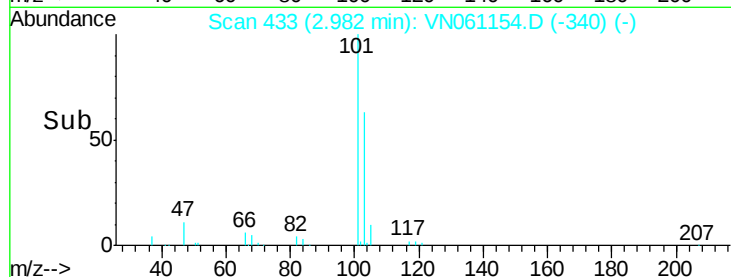
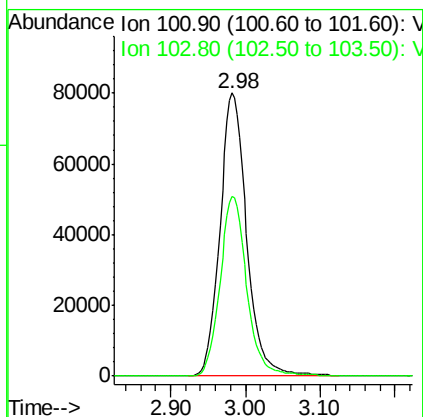
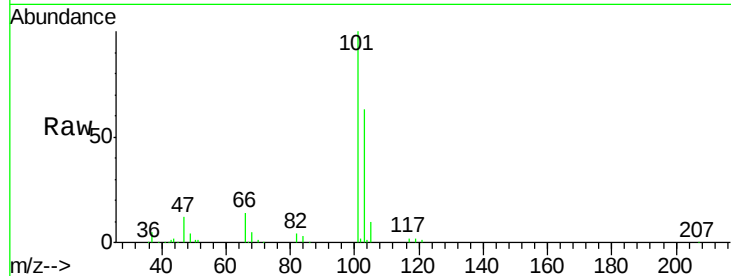
Trichlorofluoromethane
Concen: 108.874 ug/l
RT: 2.98 min Scan# 433
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		197621		
103	63.5	50.6	76.0		

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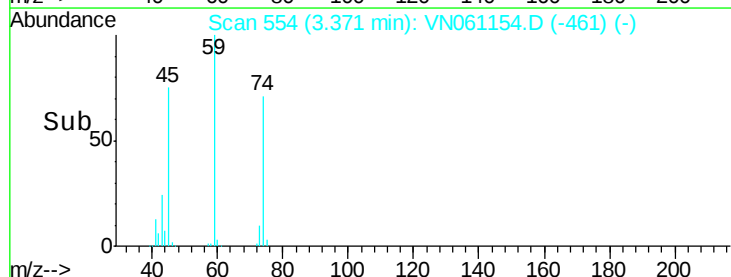
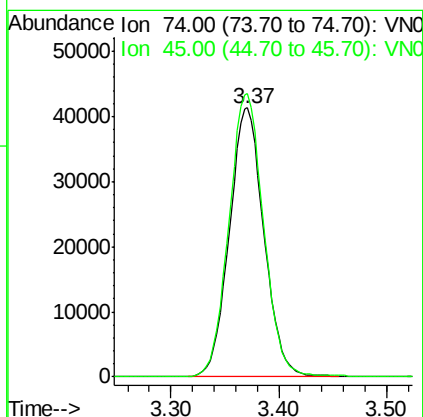
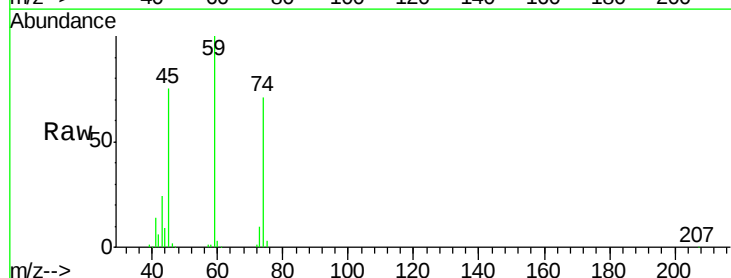
MMDadoda
4/28/2020 8:14:41 PM

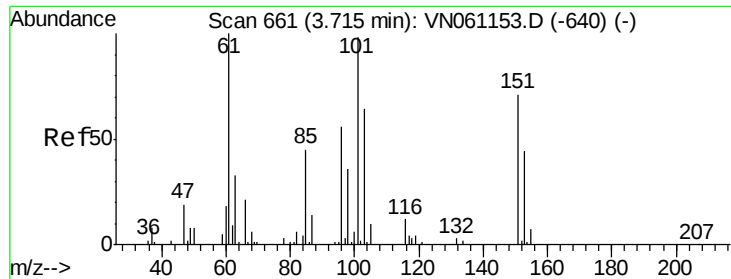


#8

Diethyl Ether
Concen: 110.701 ug/l
RT: 3.37 min Scan# 554
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		91919		
45	106.2	53.3	160.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 109.249 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

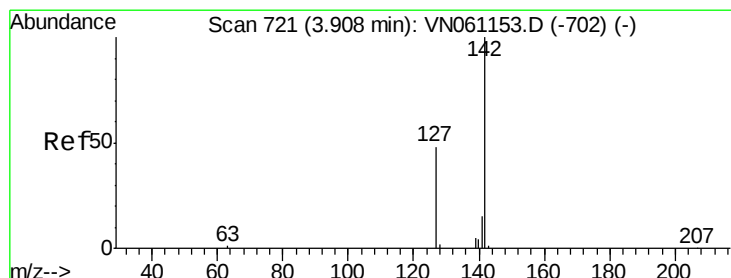
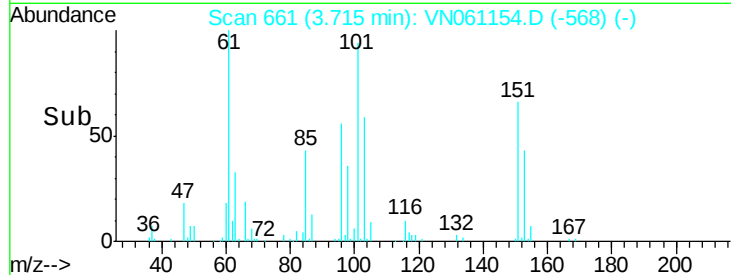
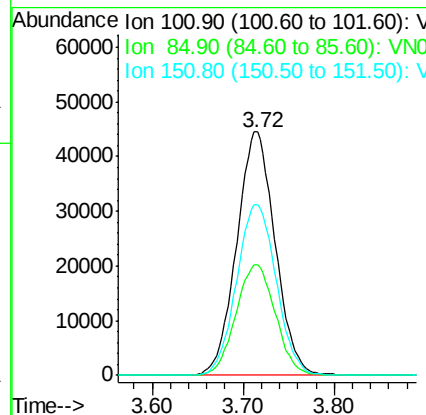
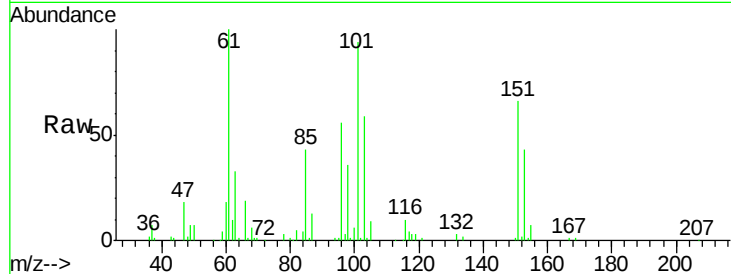
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	130721
Ion Ratio	Lower	Upper	
101	100		
85	46.5	37.2	55.8
151	72.2	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 102.169 ug/l

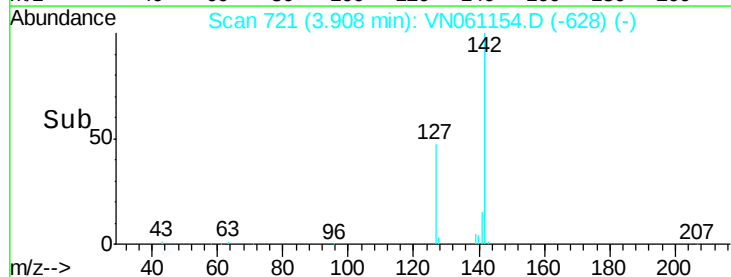
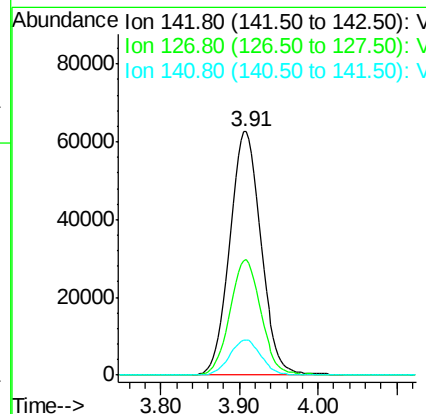
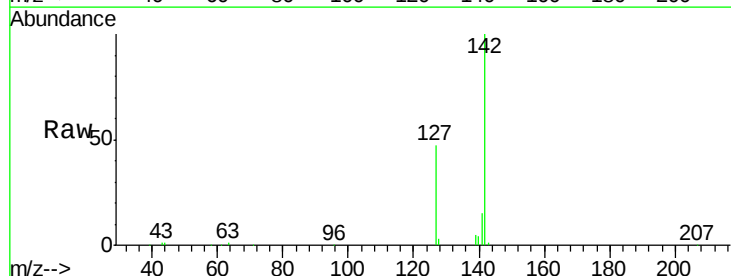
RT: 3.91 min Scan# 721

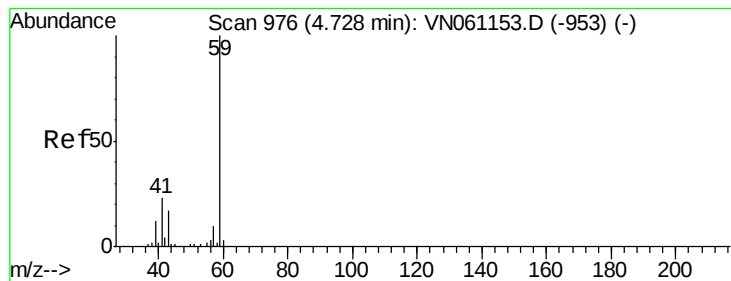
Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Tgt Ion:	142	Resp:	173211
Ion Ratio	Lower	Upper	
142	100		
127	46.9	38.0	57.0
141	14.4	11.7	17.5





#11

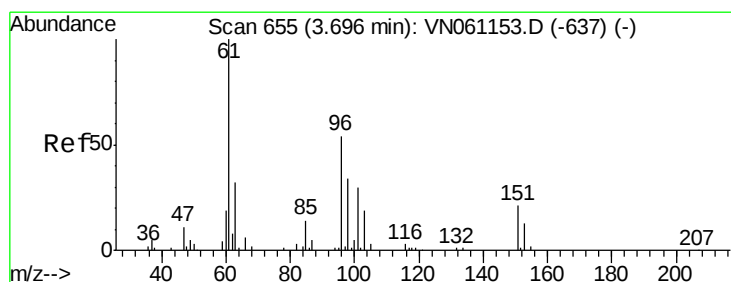
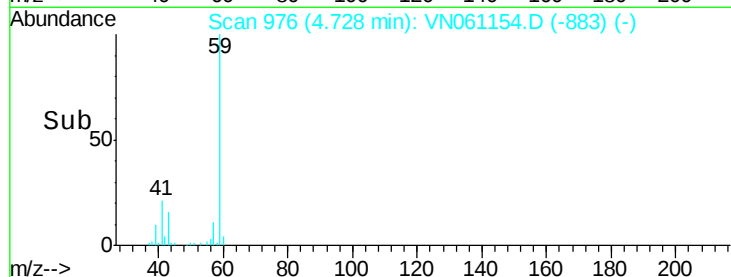
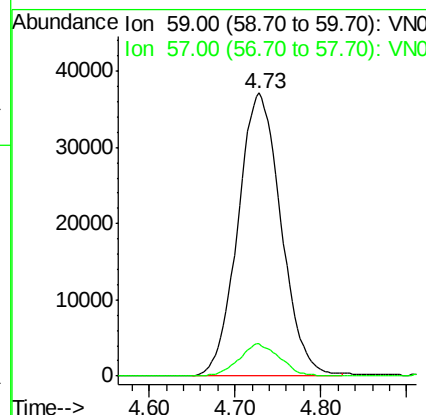
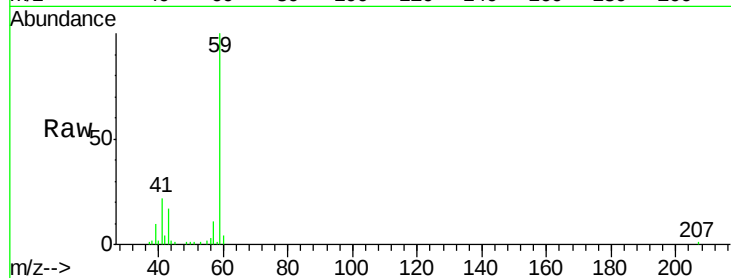
Tert butyl alcohol
Concen: 607.654 ug/l
RT: 4.73 min Scan# 976
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5

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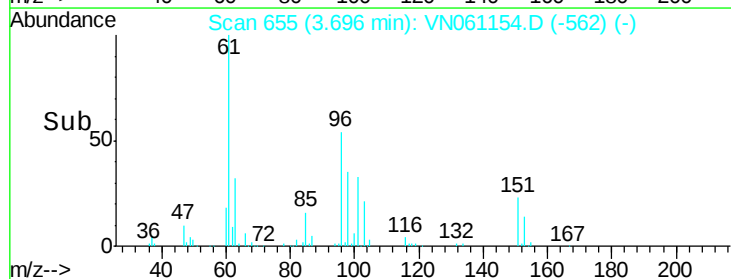
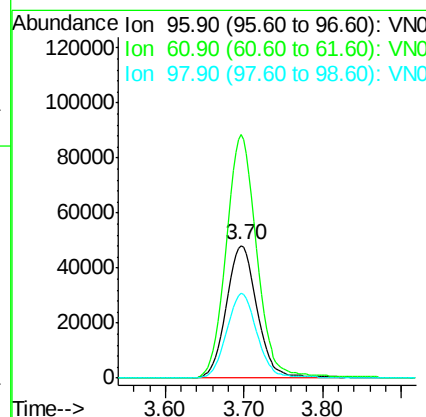
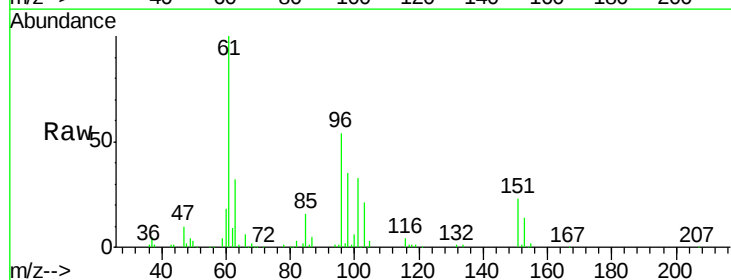
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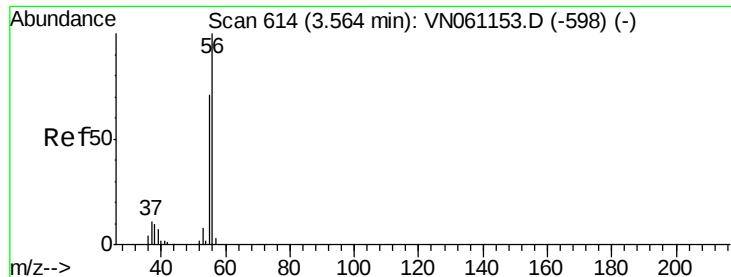


#12

1,1-Dichloroethene
Concen: 106.863 ug/l
RT: 3.70 min Scan# 655
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.0	147.0	220.6
98	63.9	49.8	74.6





#13

Acrolein

Concen: 558.309 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 88588

Ion Ratio Lower Upper

56 100

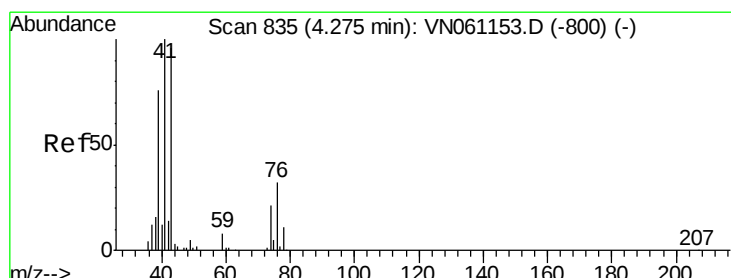
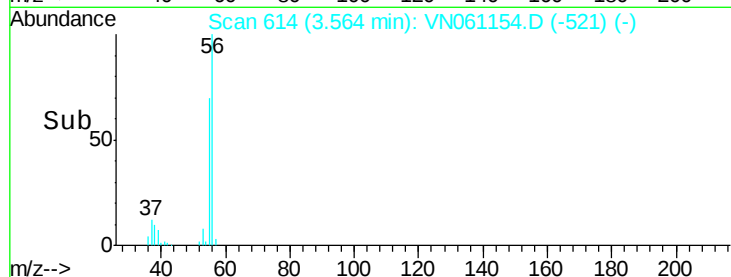
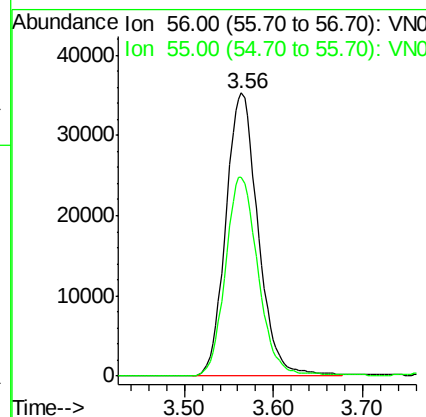
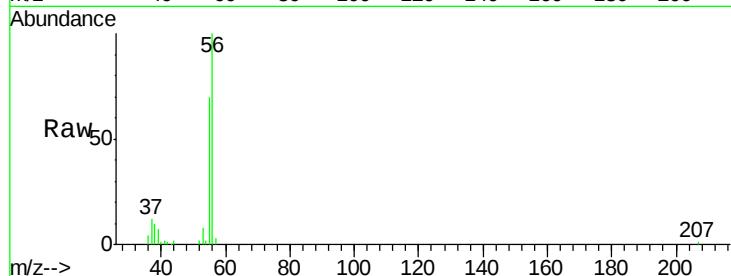
55 70.2 58.5 87.7

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#14

Allyl chloride

Concen: 111.414 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

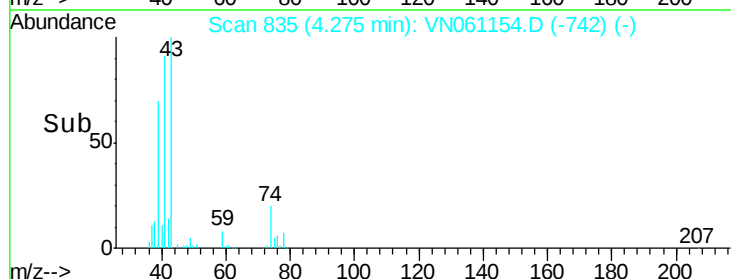
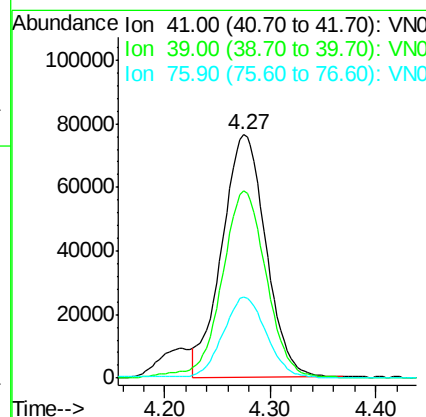
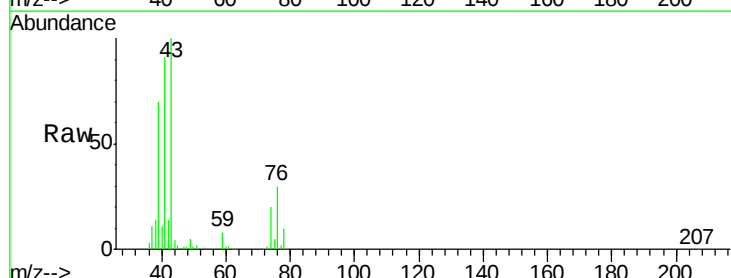
Tgt Ion: 41 Resp: 220460

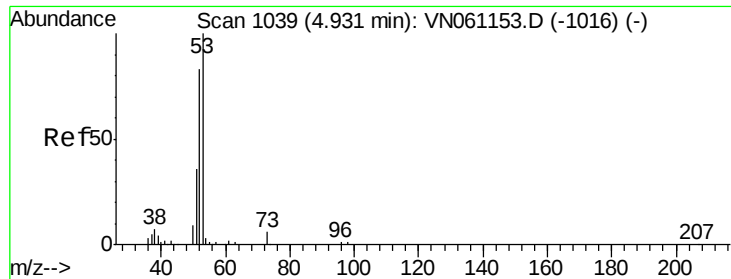
Ion Ratio Lower Upper

41 100

39 78.8 57.1 85.7

76 32.5 24.3 36.5





#15

Acrylonitrile

Concen: 649.369 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

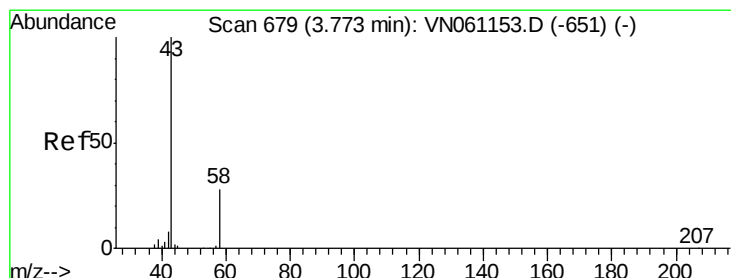
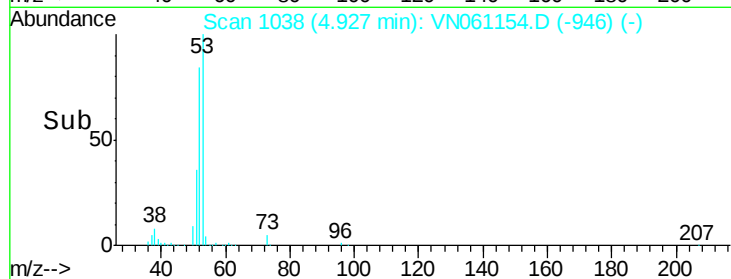
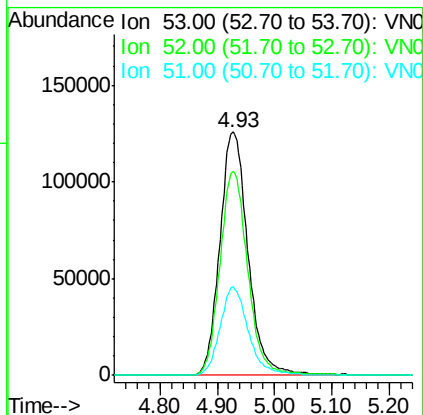
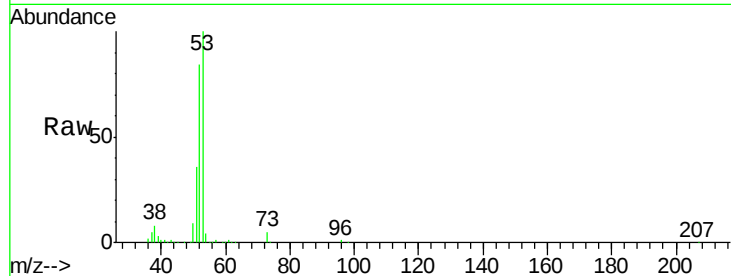
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	430327
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.4	98.0
51	36.5	29.5	44.3

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#16

Acetone

Concen: 459.194 ug/l

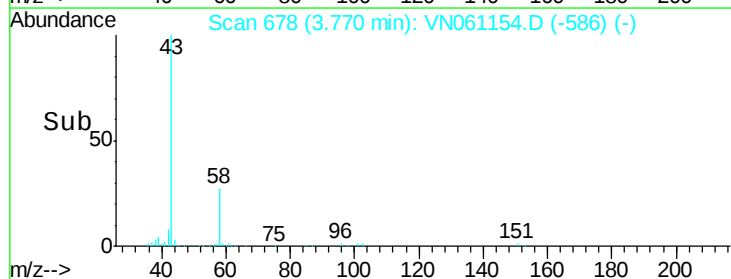
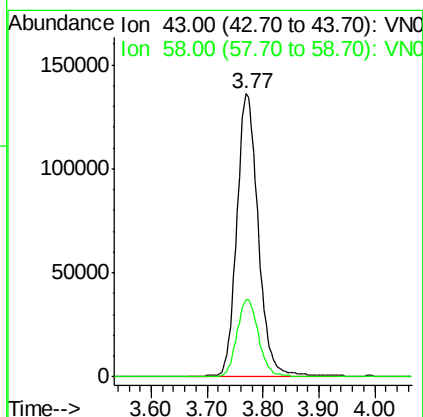
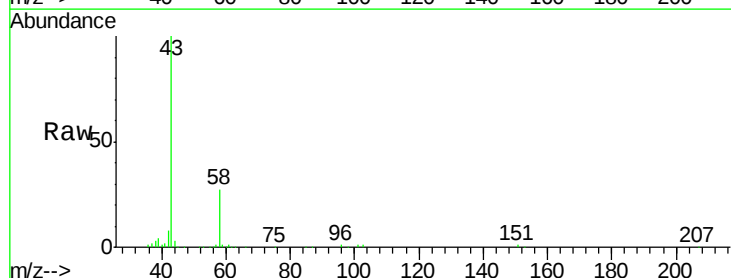
RT: 3.77 min Scan# 678

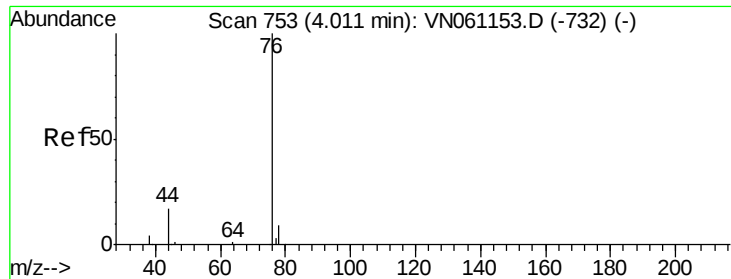
Delta R.T. -0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Tgt Ion:	43	Resp:	366010
Ion Ratio	Lower	Upper	
43	100		
58	27.4	22.2	33.2





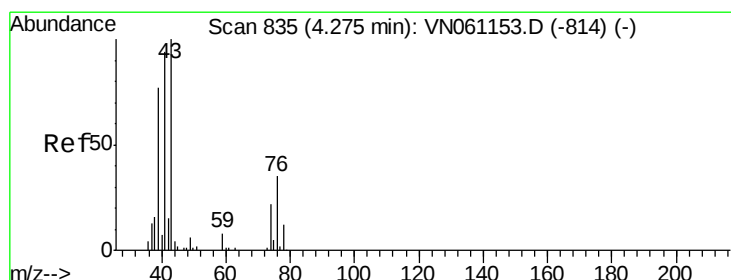
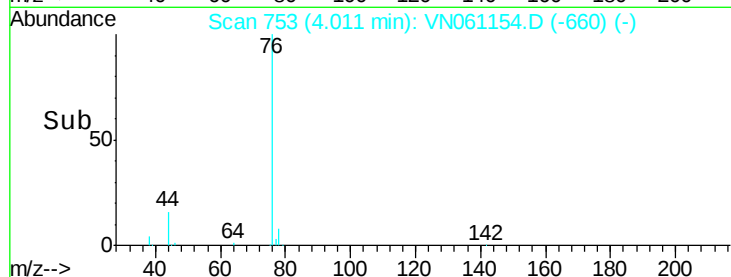
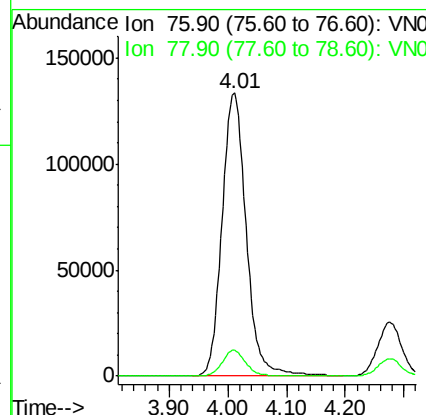
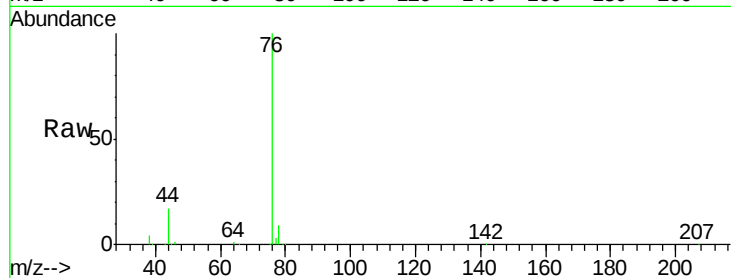
#17
Carbon Disulfide
Concen: 105.739 ug/l
RT: 4.01 min Scan# 753
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

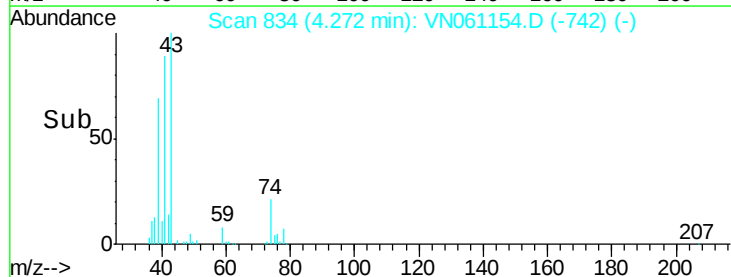
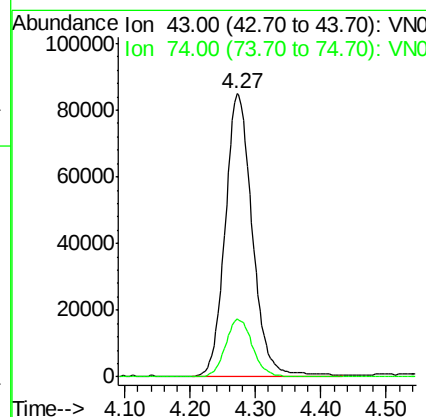
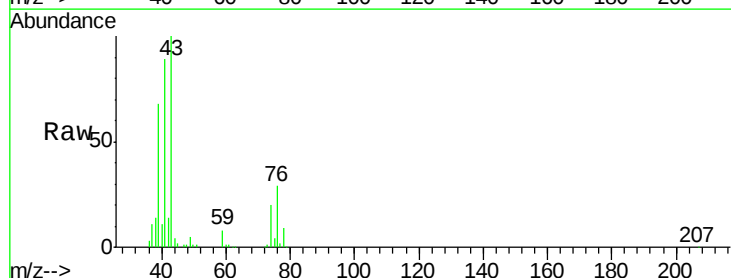
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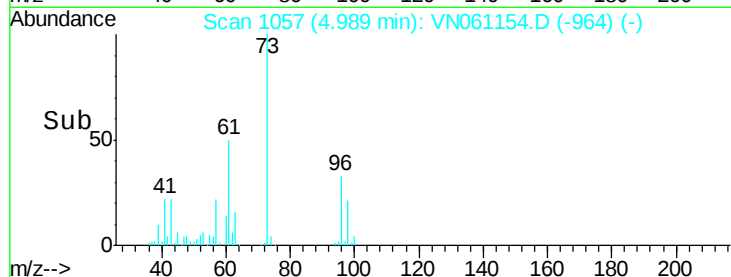
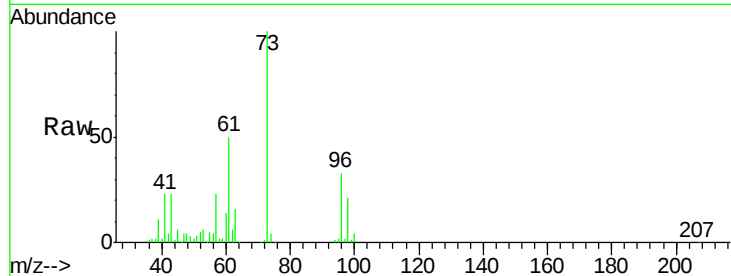
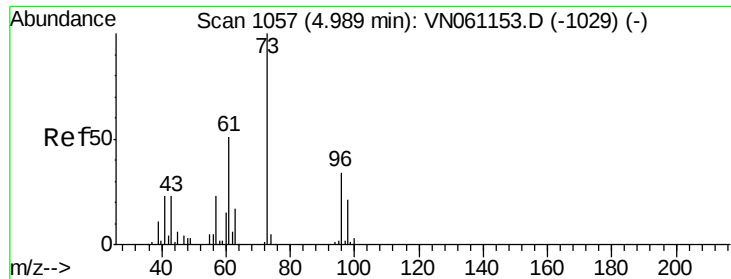
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#18
Methyl Acetate
Concen: 112.646 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	17.0	25.4





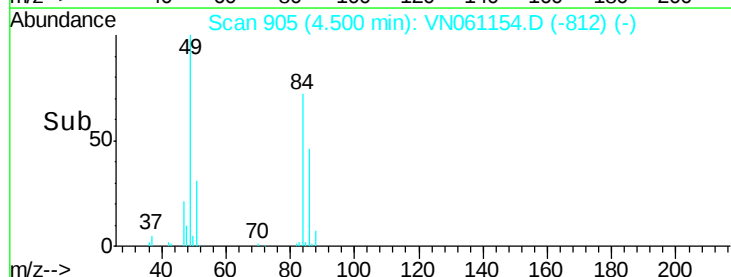
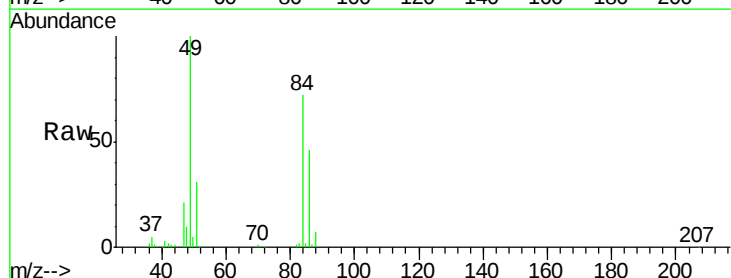
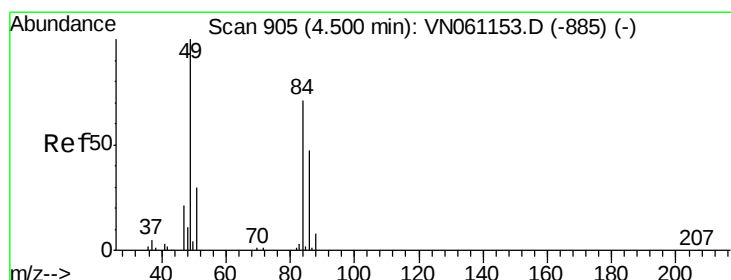
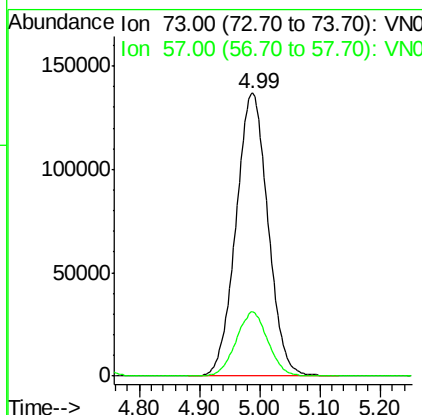
#19
Methvl tert-butvl Ether
Concen: 116.838 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tot Ion: 73 Resp: 509470
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

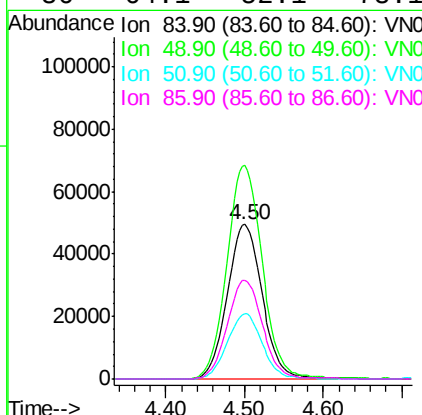
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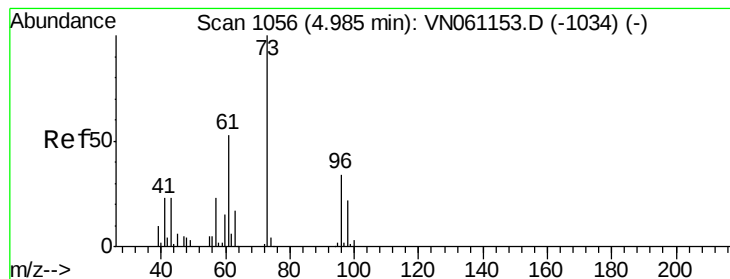
MMDadoda
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#20
Methylene Chloride
Concen: 108.125 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion: 84 Resp: 153403
Ion Ratio Lower Upper
84 100
49 138.0 112.0 168.0
51 42.4 33.6 50.4
86 64.1 52.1 78.1





#21

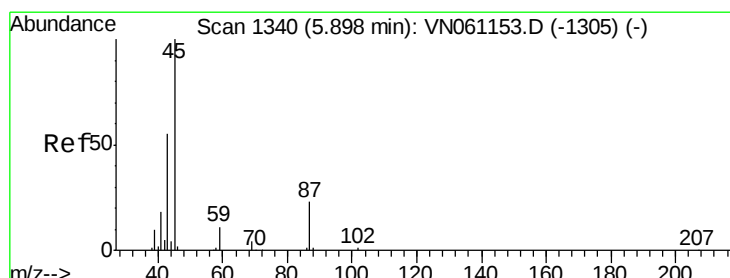
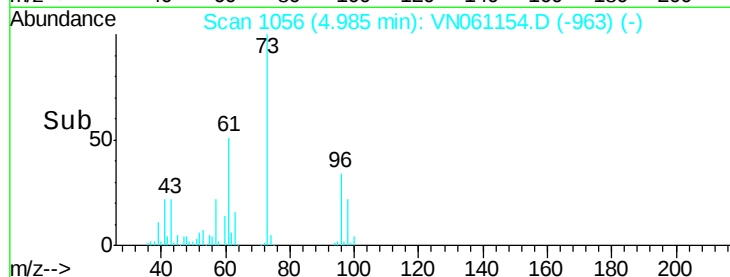
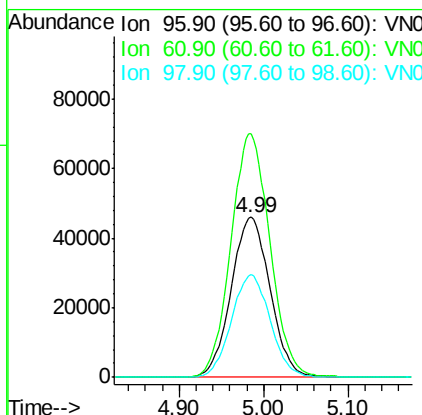
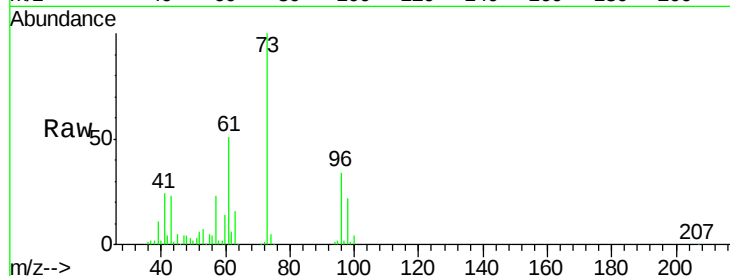
trans-1,2-Dichloroethene
Concen: 101.602 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.7	123.0	184.4
98	64.0	50.1	75.1

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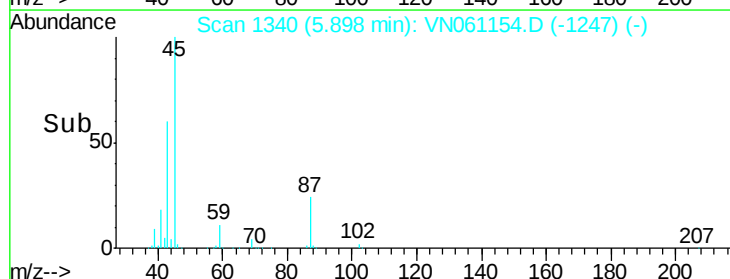
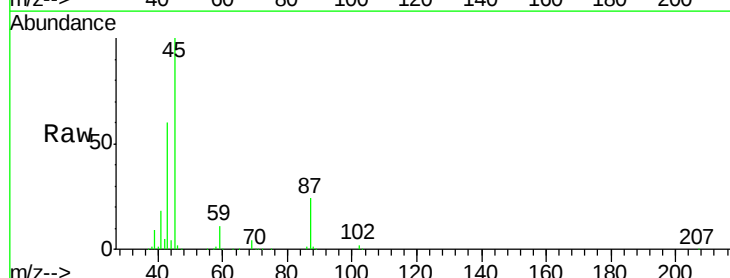
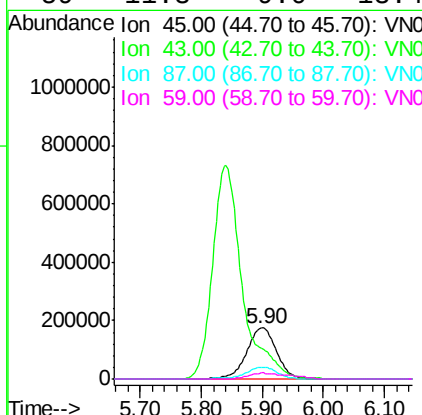
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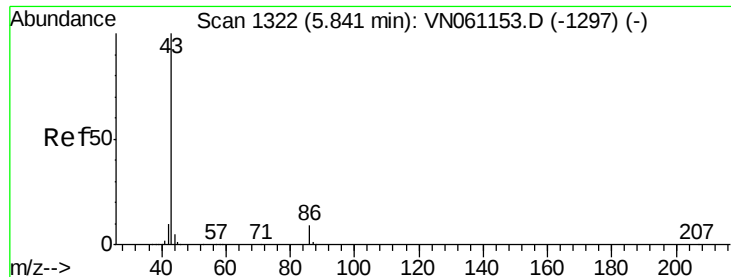


#22

Diisopropyl ether
Concen: 129.985 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.9	47.9	71.9
87	23.8	19.2	28.8
59	11.3	9.0	13.4





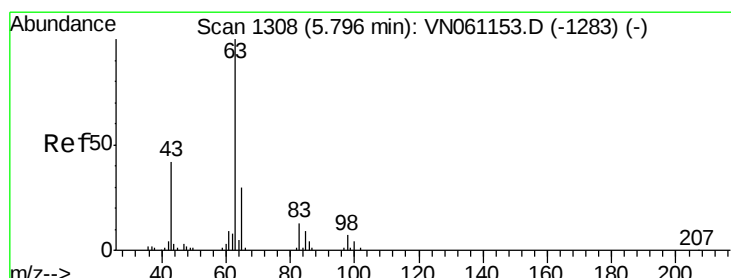
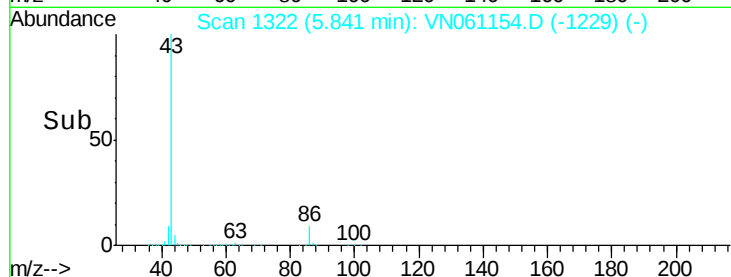
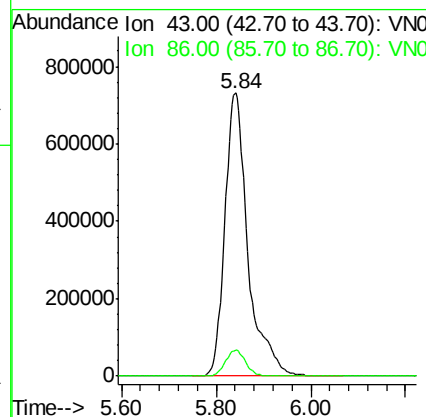
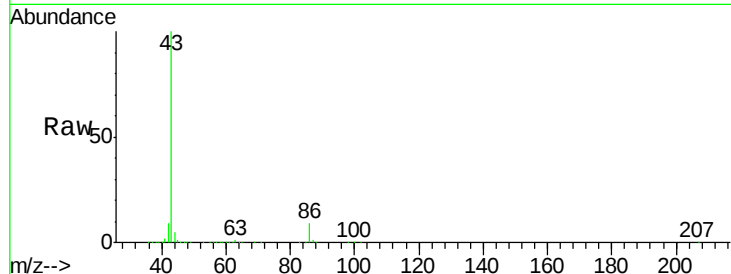
#23
 Vinyl Acetate
 Concen: 670.972 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 2471761
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.2 10.8

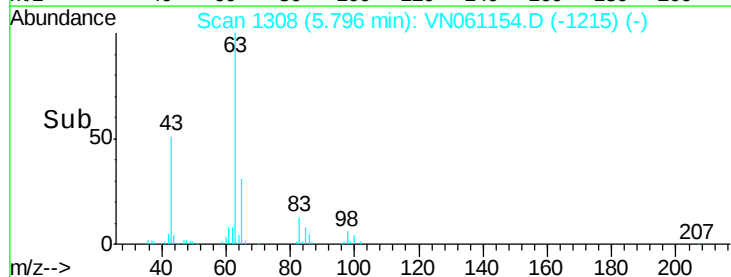
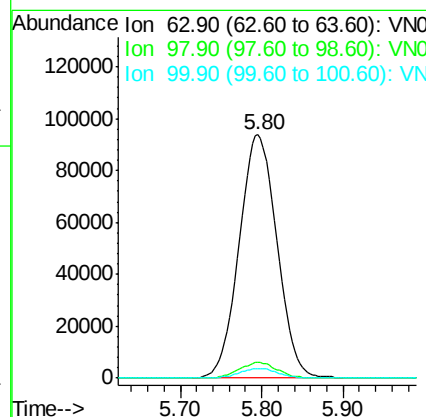
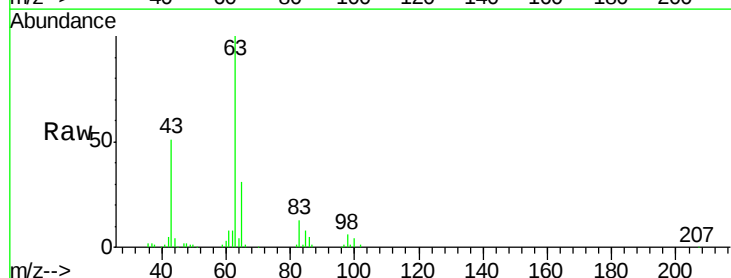
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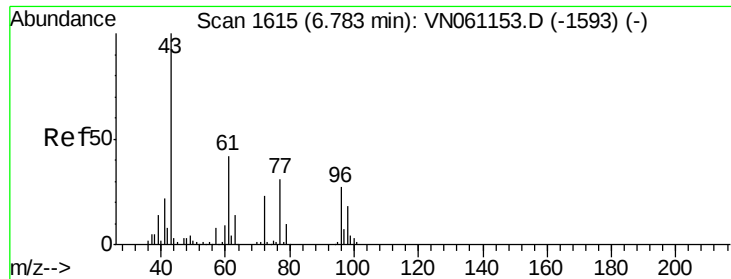
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#24
 1,1-Dichloroethane
 Concen: 120.283 ug/l
 RT: 5.80 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion: 63 Resp: 301413
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.0 1.9 5.7





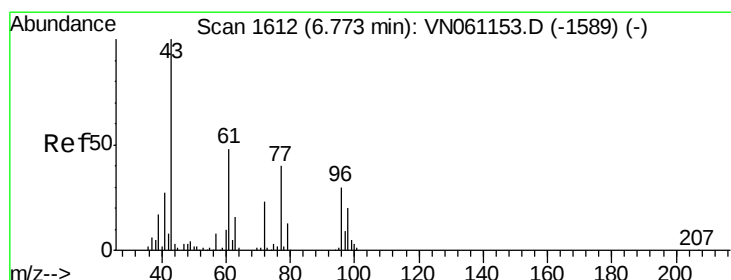
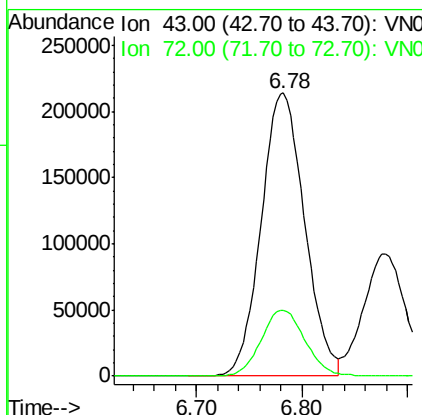
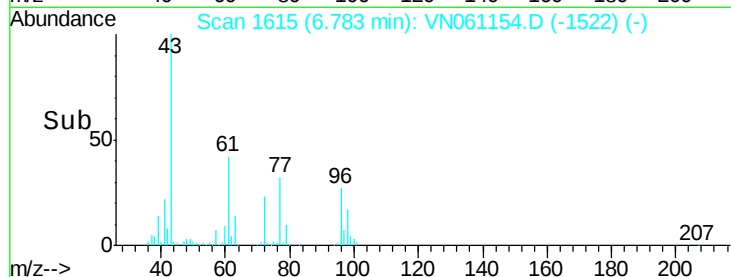
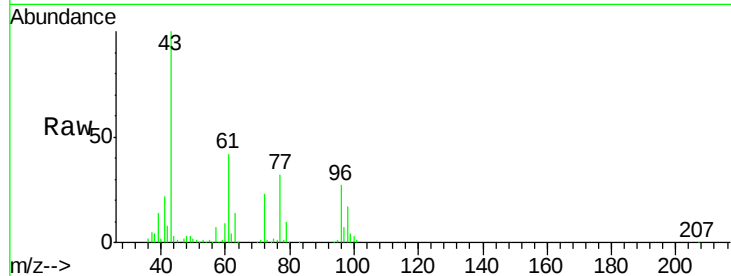
#25
2-Butanone
Concen: 668.969 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 610988
Ion Ratio Lower Upper
43 100
72 23.5 18.2 27.4

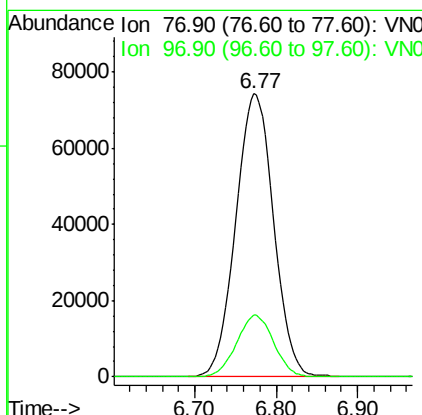
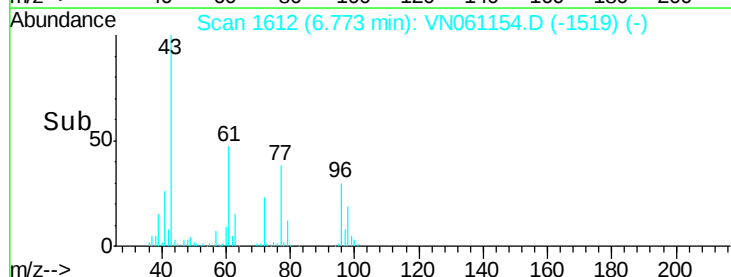
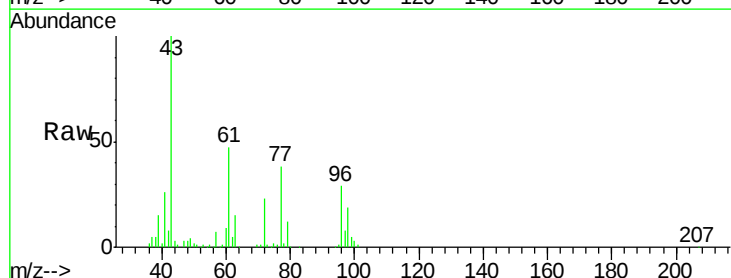
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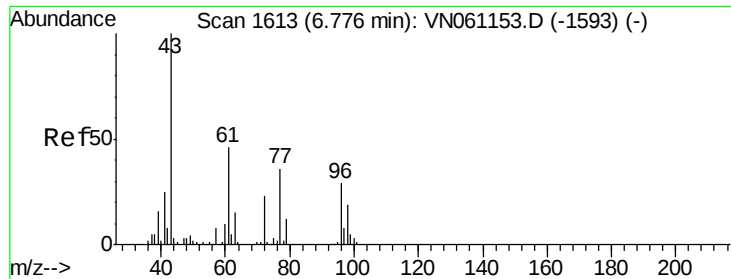
MMDadoda
4/28/2020 8:14:41 PM



#26
2,2-Dichloropropane
Concen: 107.900 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion: 77 Resp: 238527
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 107.004 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

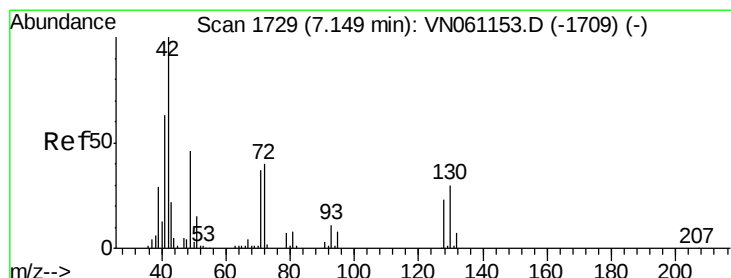
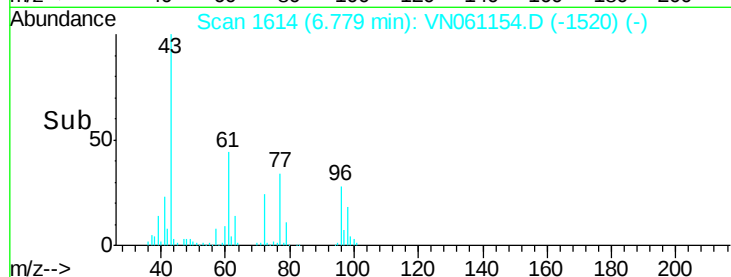
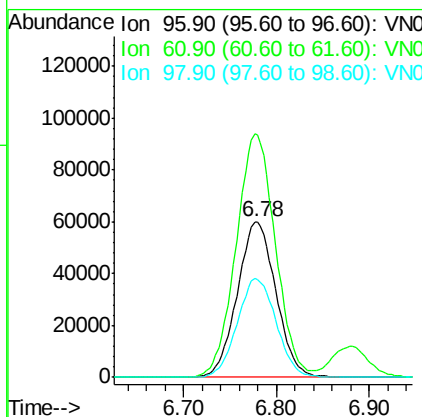
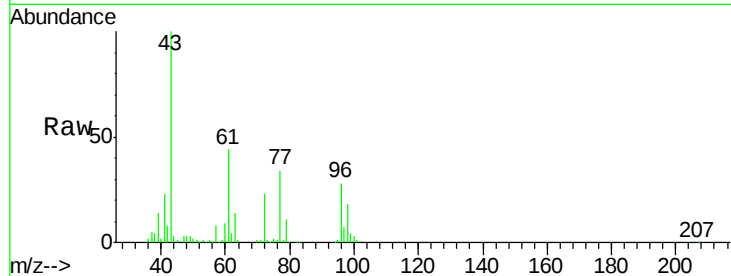
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	173326
Ion	Ratio	Lower	Upper
96	100		
61	158.7	0.0	322.0
98	64.0	0.0	129.6

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#28

Bromochloromethane

Concen: 130.007 ug/l

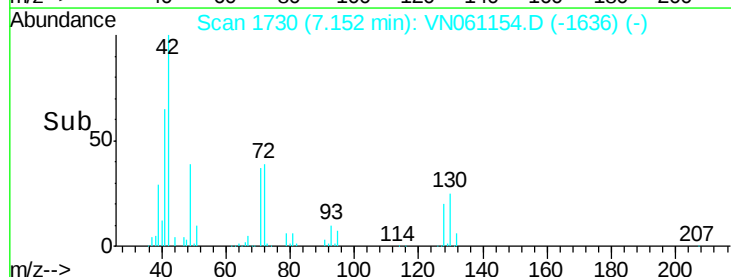
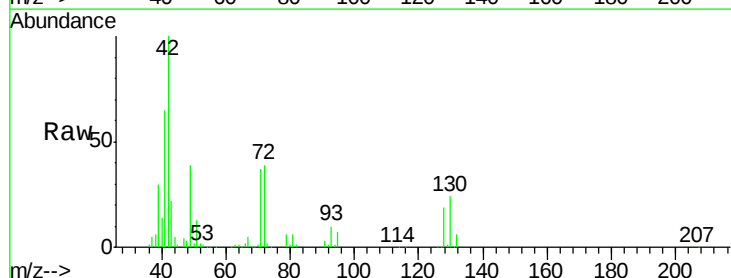
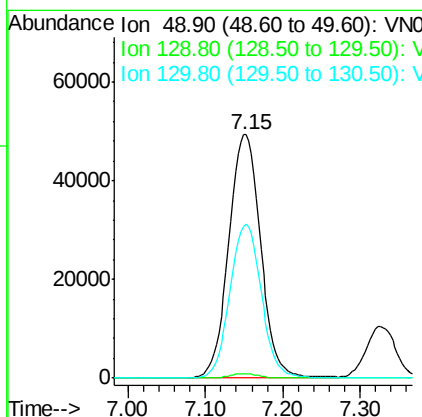
RT: 7.15 min Scan# 1730

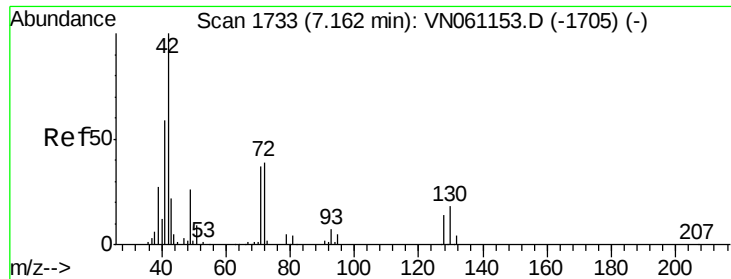
Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Tgt Ion:	49	Resp:	141291
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.0
130	62.2	51.4	77.2





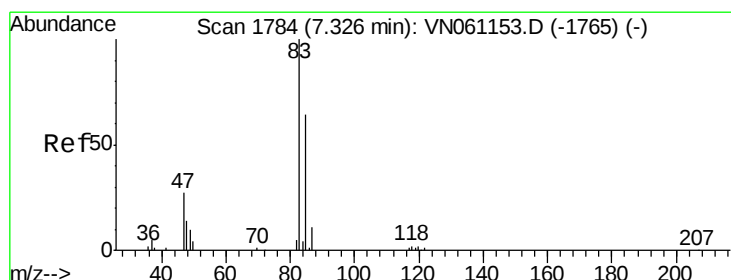
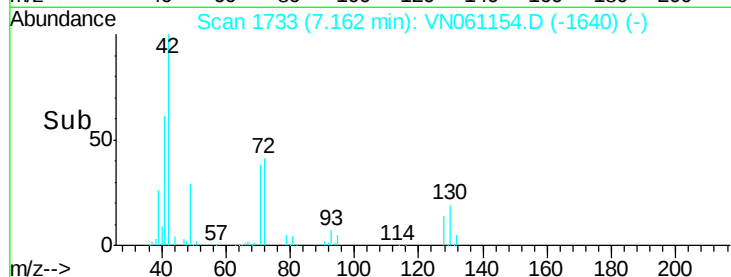
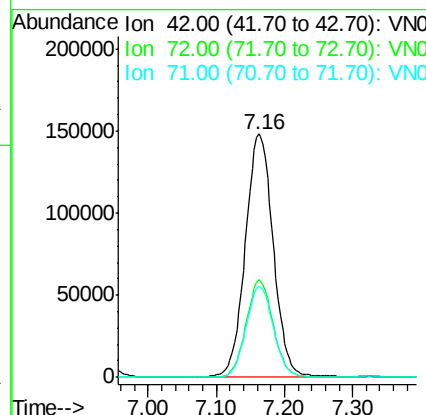
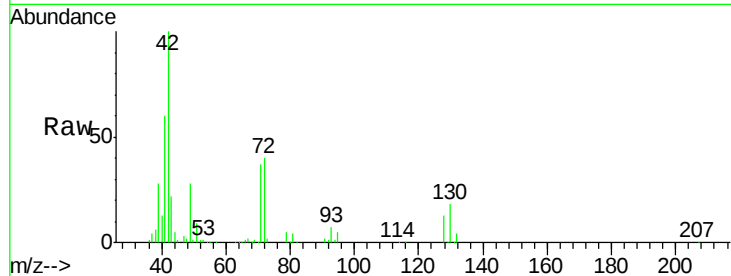
#29
Tetrahydrofuran
Concen: 671.386 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.7	31.4	47.0
71	36.6	29.5	44.3

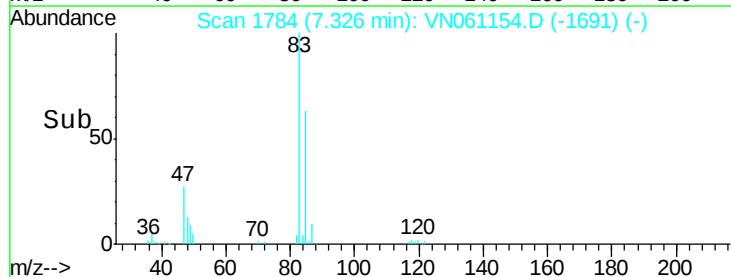
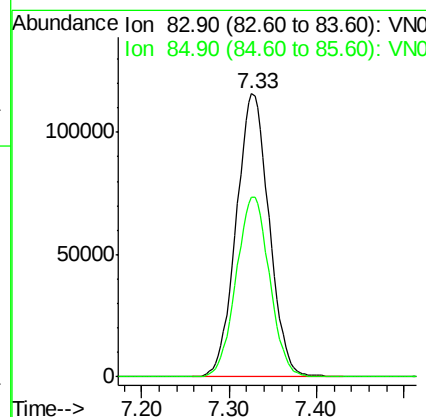
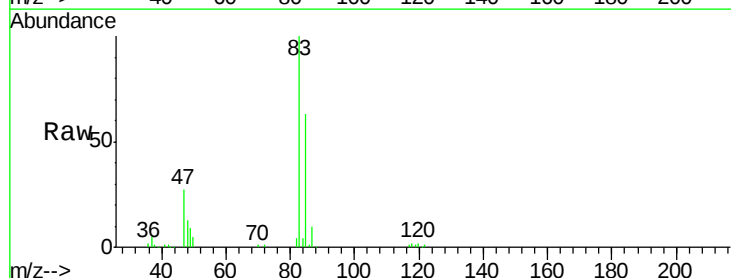
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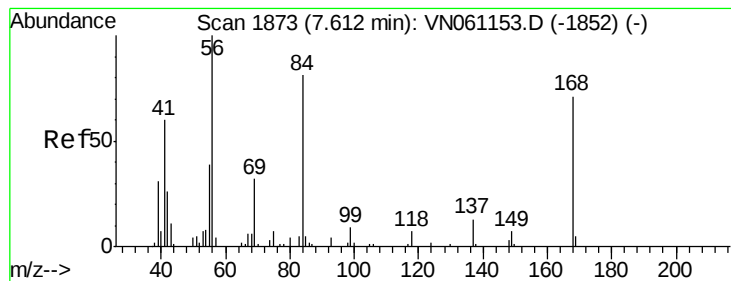
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#30
Chloroform
Concen: 119.336 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.1	76.7





#31

Cyclohexane

Concen: 111.954 ug/l

RT: 7.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

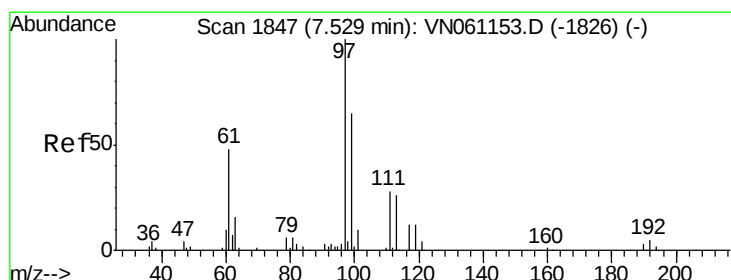
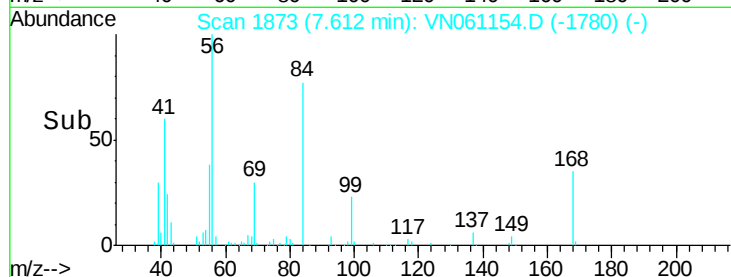
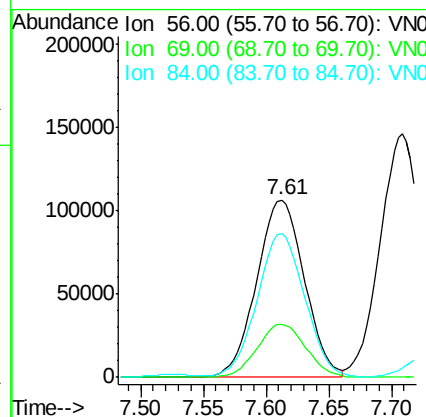
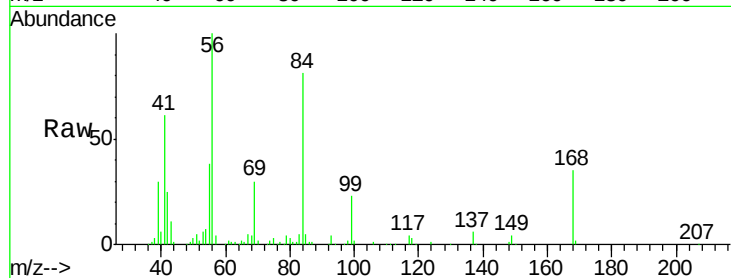
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	281495
Ion Ratio	Lower	Upper	
56	100		
69	29.8	25.7	38.5
84	79.7	64.6	97.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 117.391 ug/l

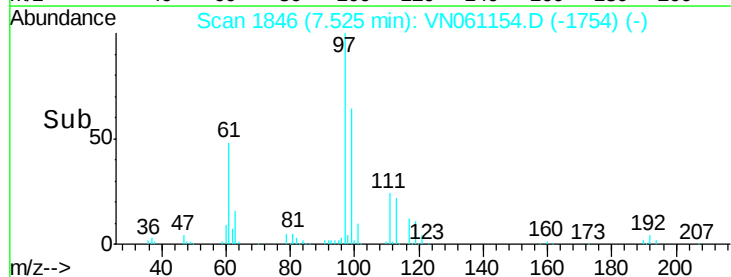
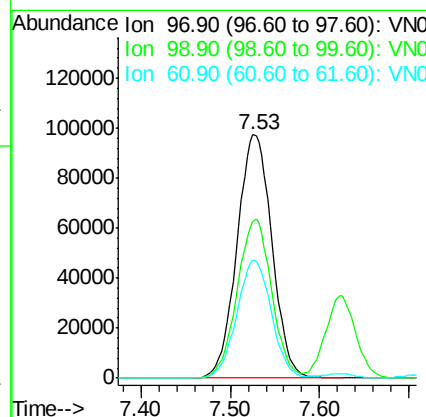
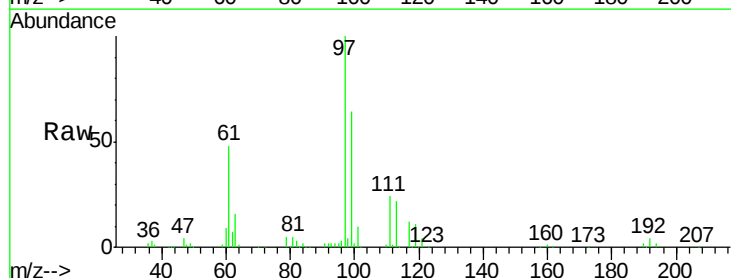
RT: 7.53 min Scan# 1846

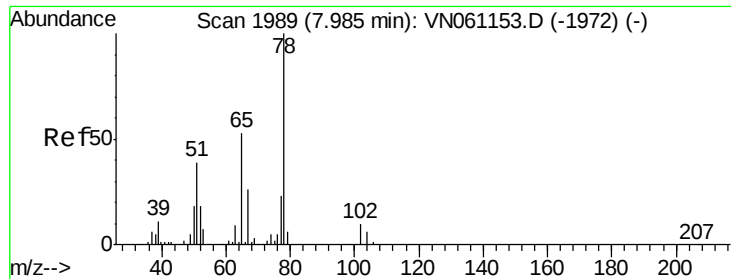
Delta R.T. -0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Tgt Ion:	97	Resp:	265089
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.3	76.9
61	47.9	38.6	57.8





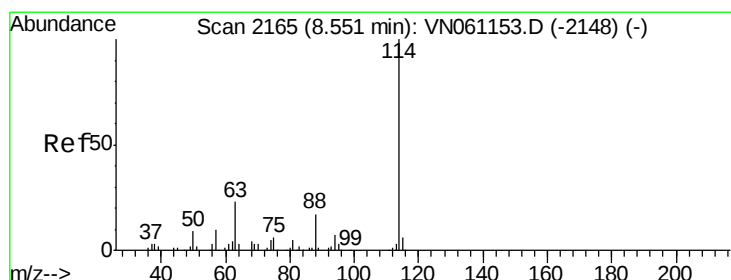
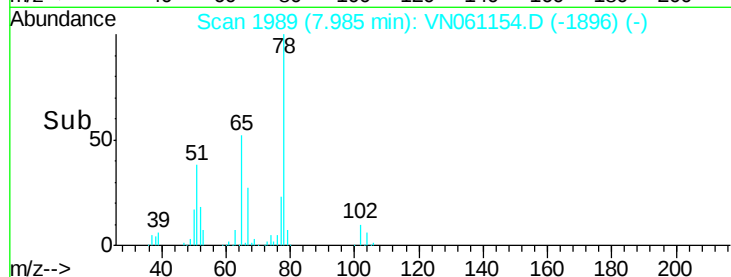
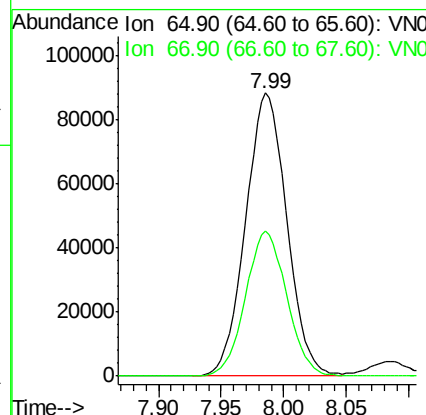
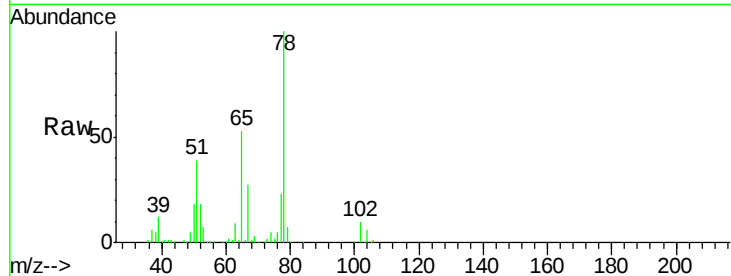
#33
 1,2-Dichloroethane-d4
 Concen: 121.570 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	201585		
67	51.2	0.0	101.6	

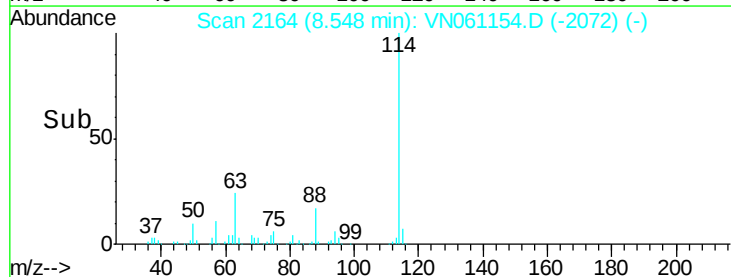
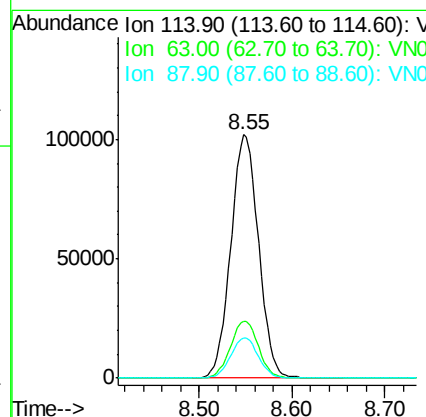
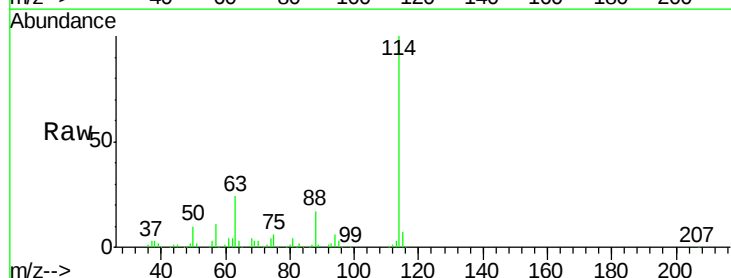
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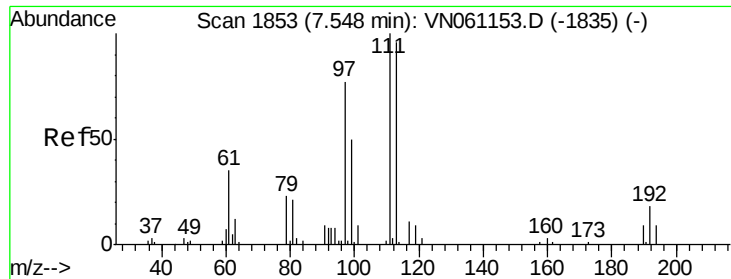
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	211774		
63	23.6	0.0	46.6	
88	16.7	0.0	33.4	





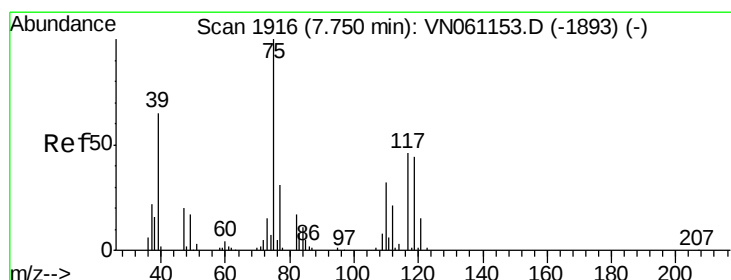
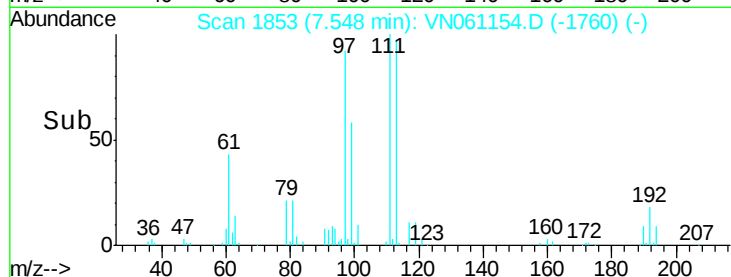
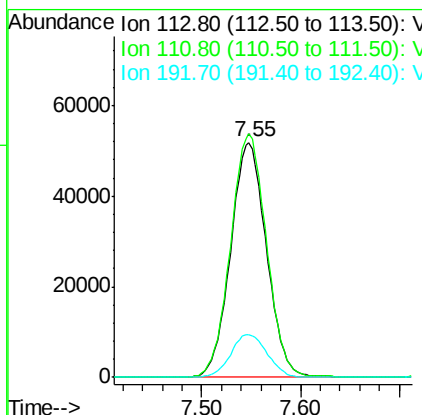
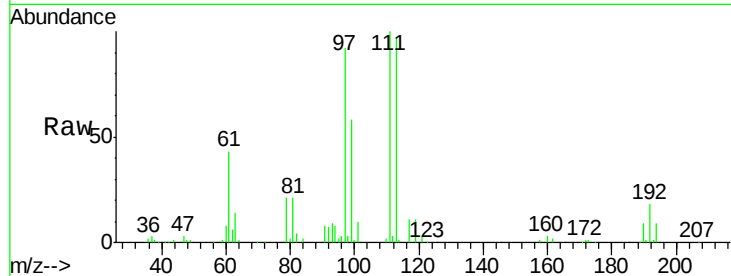
#35
 Dibromofluoromethane
 Concen: 107.853 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.2	82.9	124.3	
192	18.6	14.7	22.1	

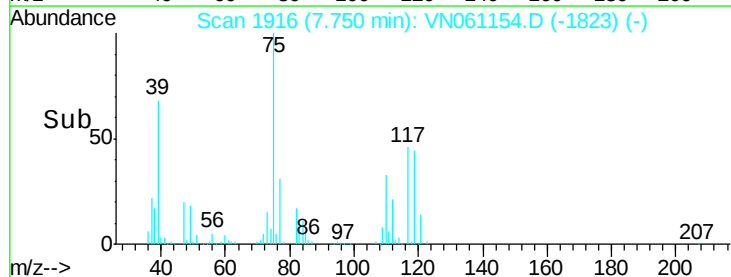
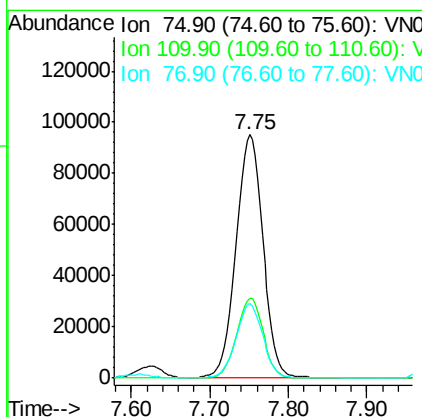
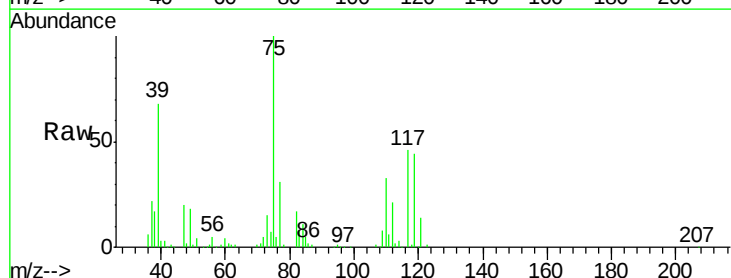
Manual Integrations
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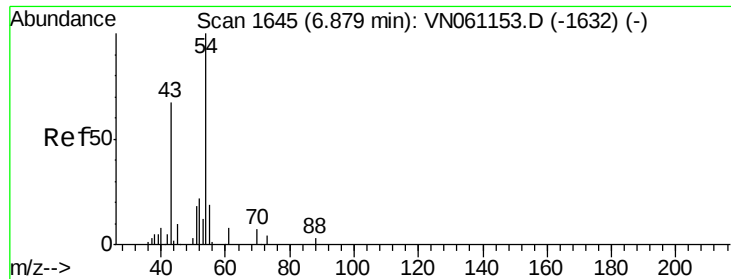
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#36
 1,1-Dichloropropene
 Concen: 110.498 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.3	16.0	48.0	
77	30.3	24.6	37.0	





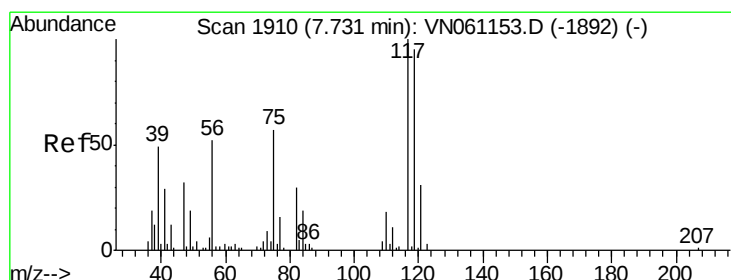
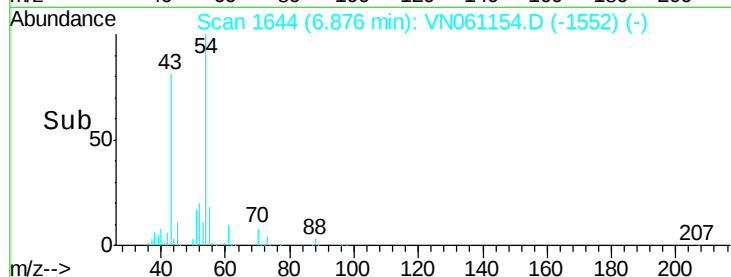
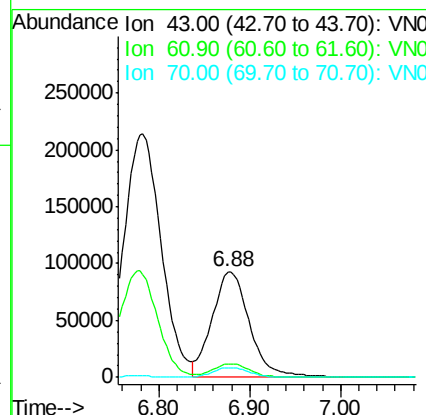
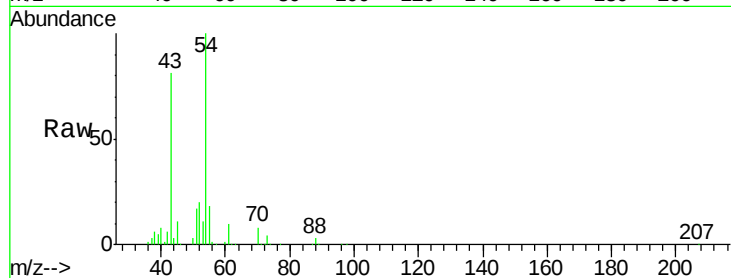
#37
Ethyl Acetate
Concen: 122.844 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.2	15.2
70	9.3	7.2	10.8

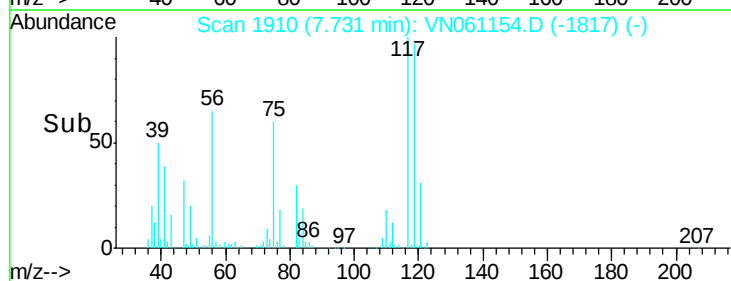
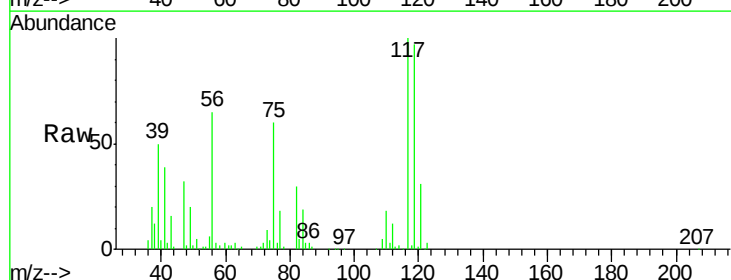
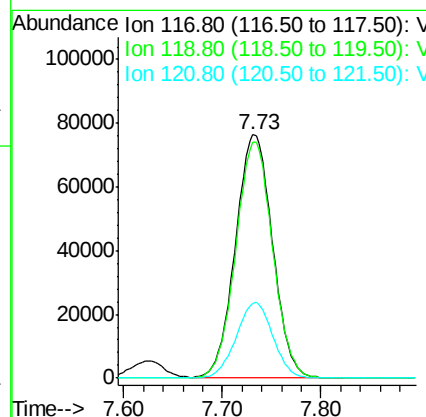
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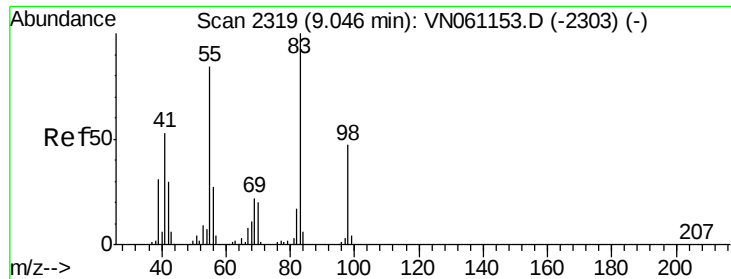
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#38
Carbon Tetrachloride
Concen: 110.048 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.6
121	30.8	24.7	37.1





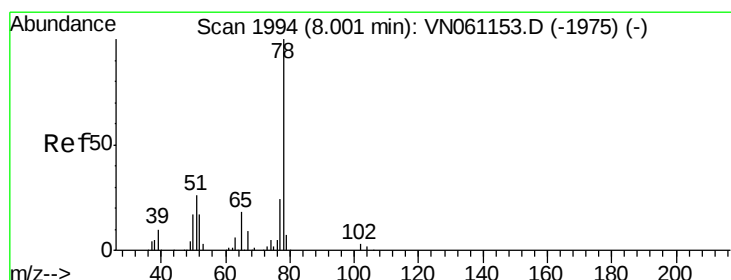
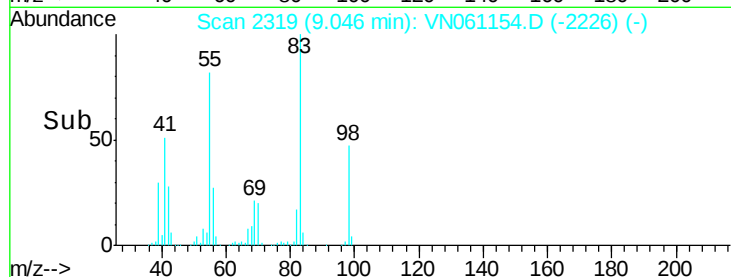
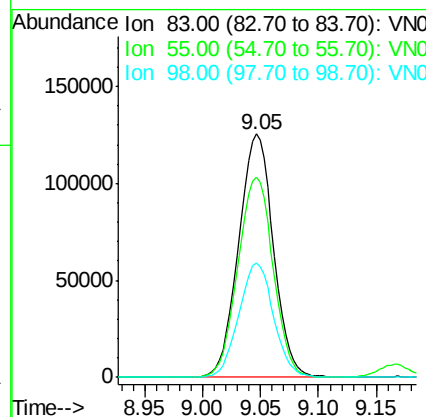
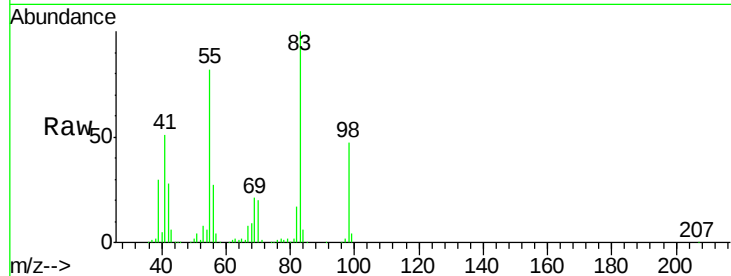
#39
Methvlcvclohexane
Concen: 104.279 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.4	67.3	100.9
98	47.1	37.7	56.5

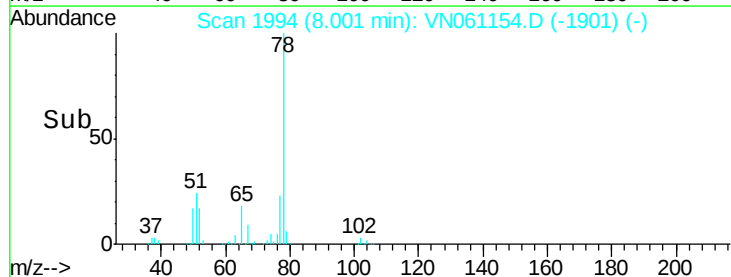
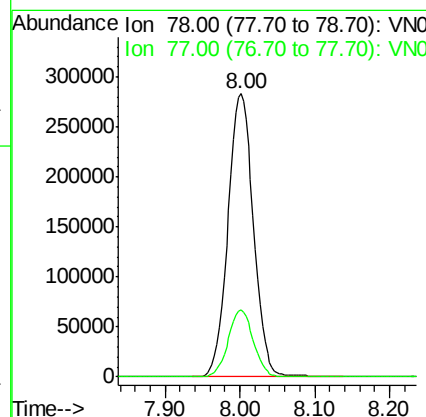
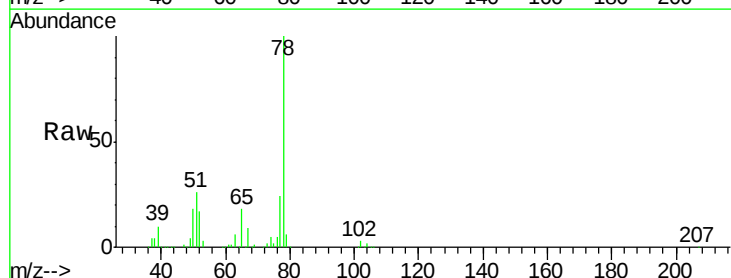
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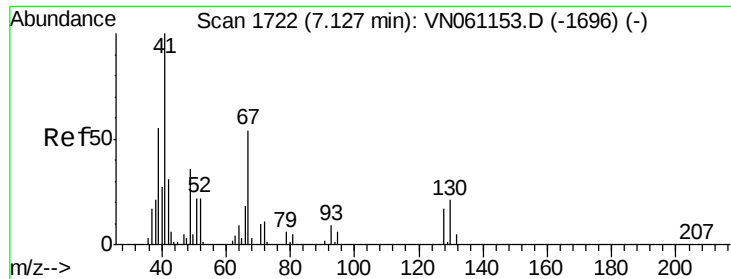
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#40
Benzene
Concen: 108.760 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





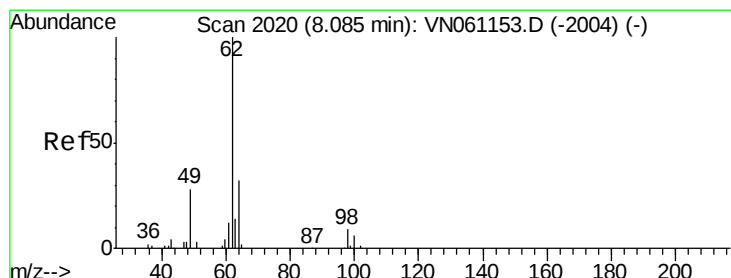
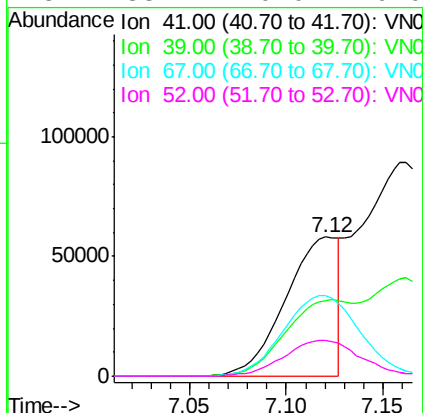
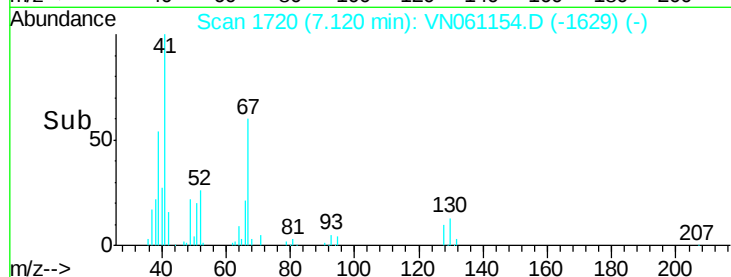
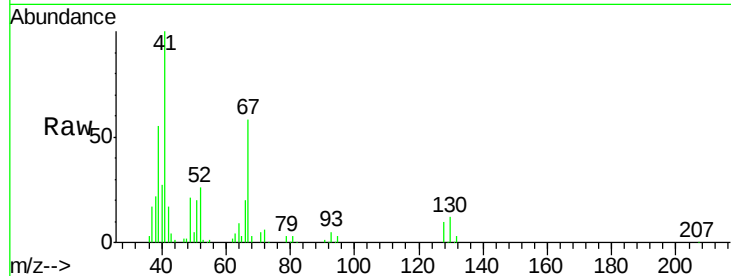
#41
Methacrylonitrile
Concen: 112.592 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	71.7	0.0	0.0	#
67	85.5	0.0	0.0	#
52	38.4	0.0	0.0	#

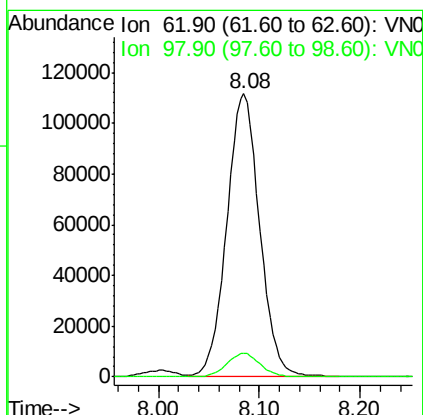
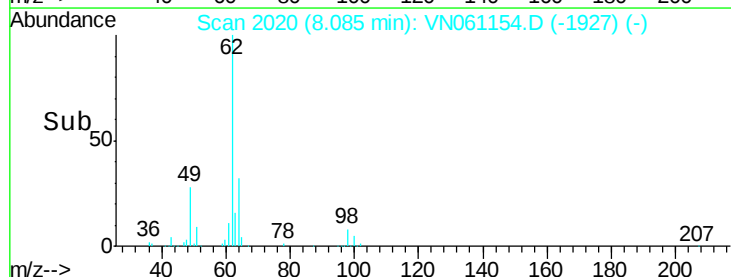
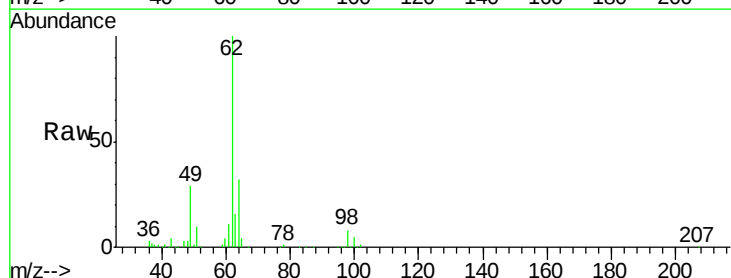
Manual Integrations
APPROVED

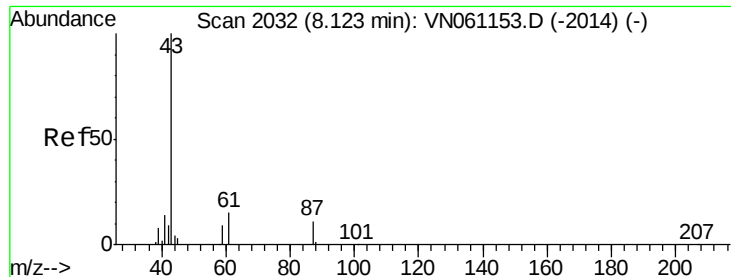
MMDadoda
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#42
1,2-Dichloroethane
Concen: 113.450 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	8.5	0.0	16.8	





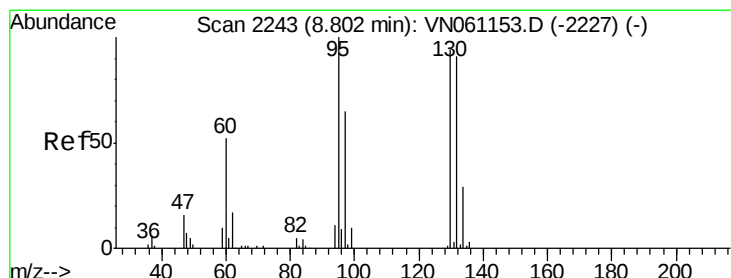
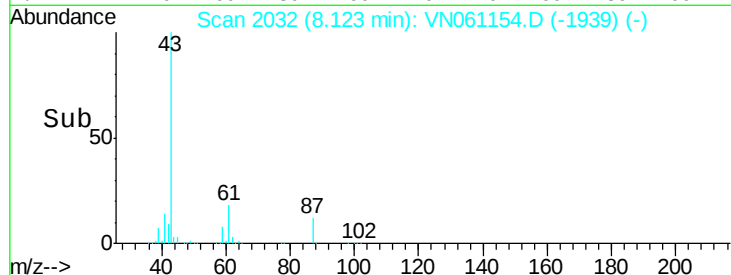
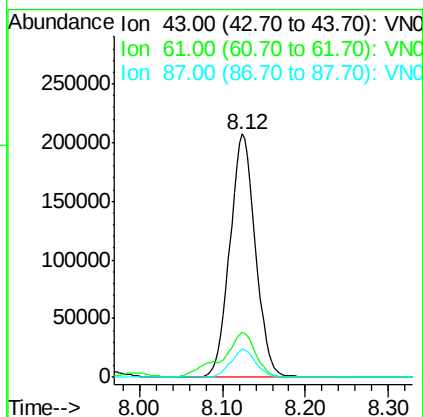
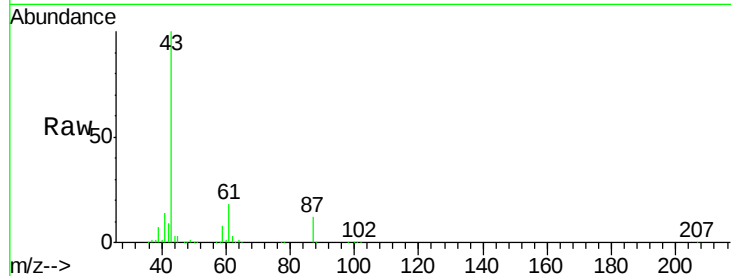
#43
Isopropyl Acetate
Concen: 123.207 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.2	19.5	29.3
87	11.2	8.9	13.3

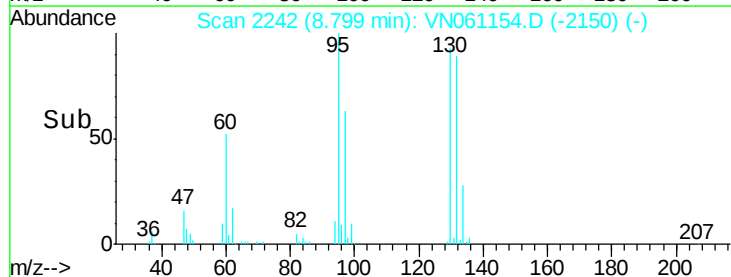
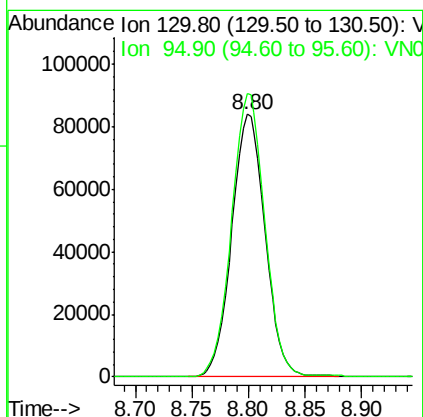
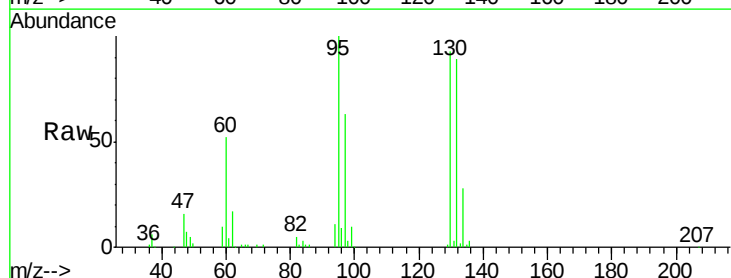
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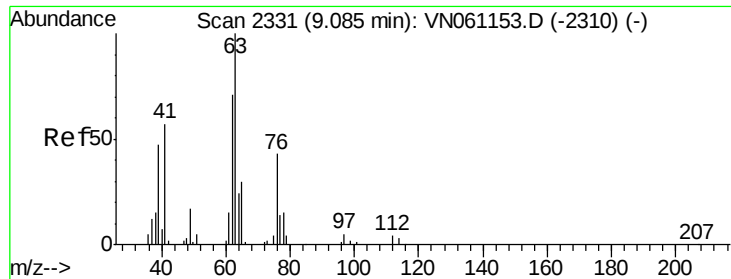
MMDadoda
4/28/2020 8:14:41 PM



#44
Trichloroethene
Concen: 97.912 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.7	0.0	212.4





#45

1,2-Dichloropropane

Concen: 109.047 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 177967

Ion Ratio Lower Upper

63 100

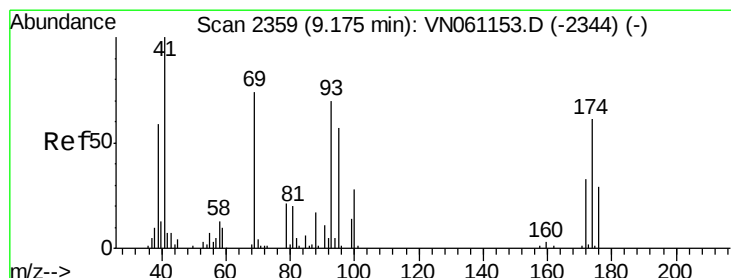
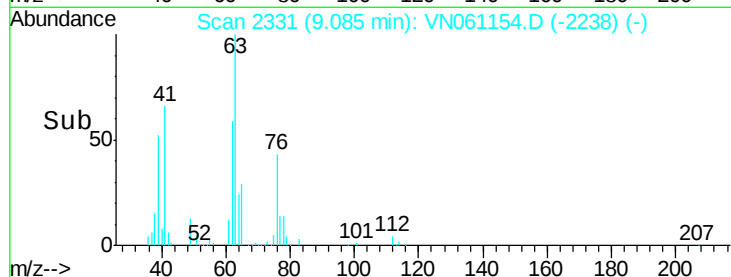
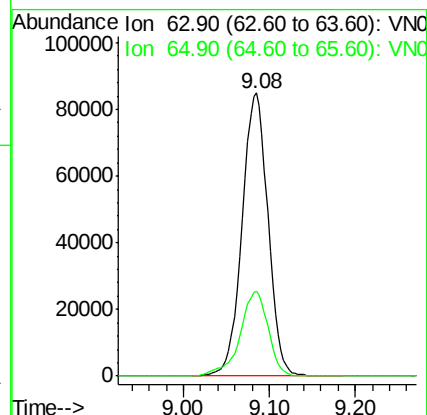
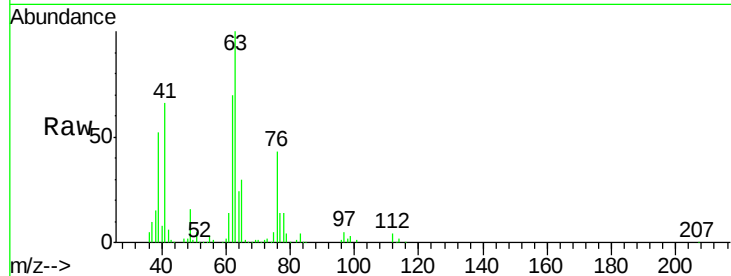
65 30.0 24.7 37.1

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#46

Dibromomethane

Concen: 109.147 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

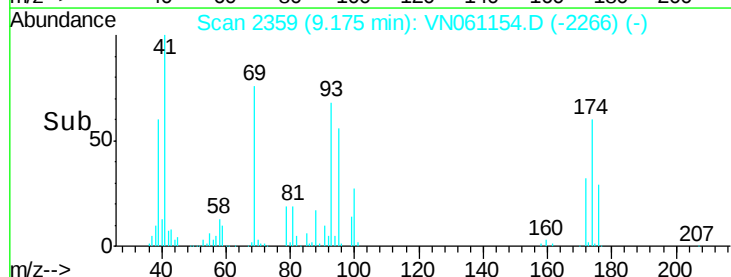
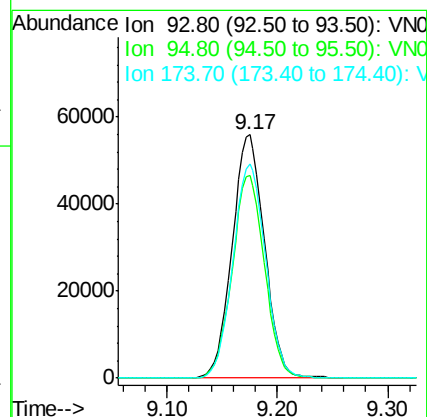
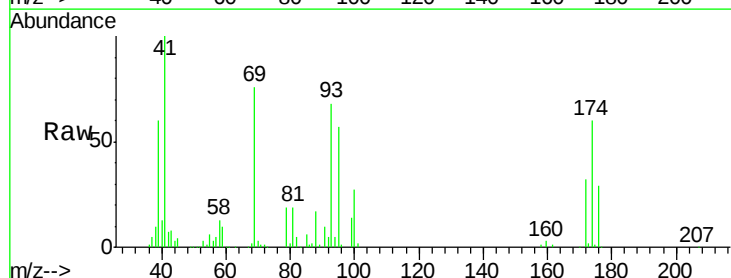
Tgt Ion: 93 Resp: 113507

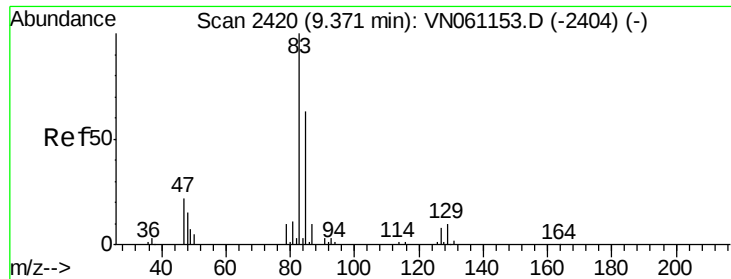
Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 88.9 70.2 105.2





#47

Bromodichloromethane

Concen: 117.738 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

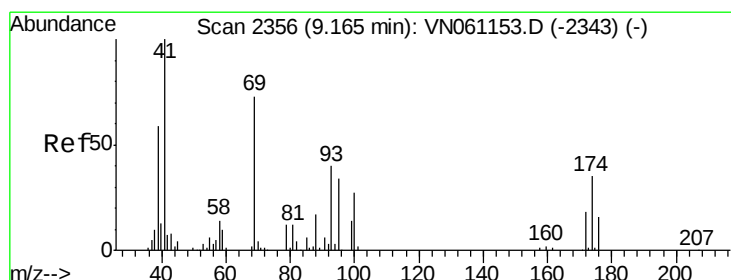
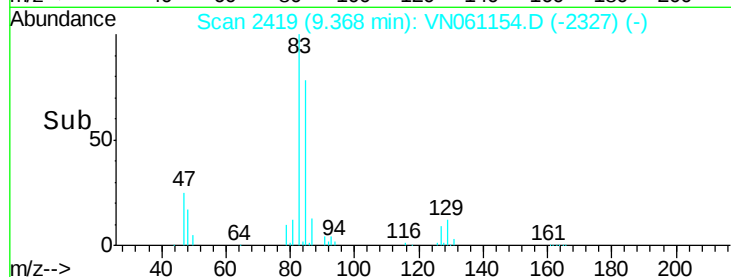
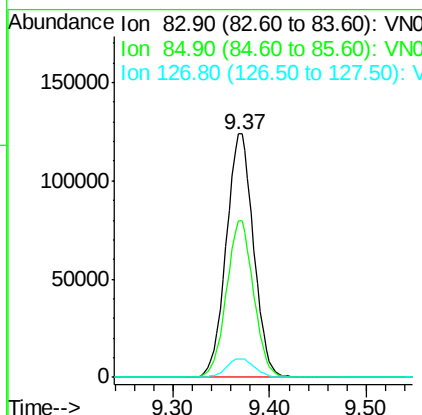
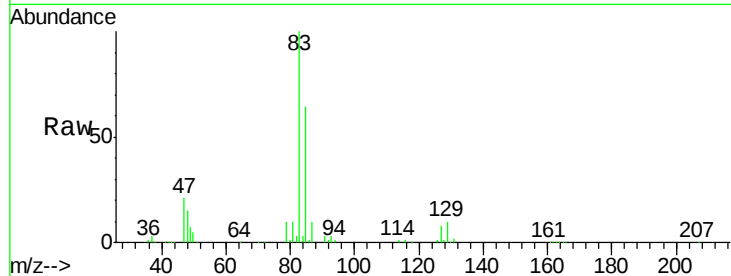
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	243505
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.4	75.6
127	7.7	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 122.591 ug/l

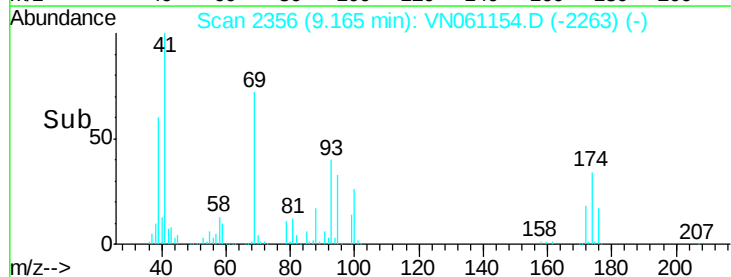
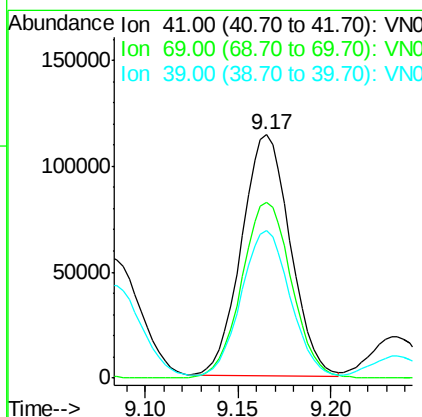
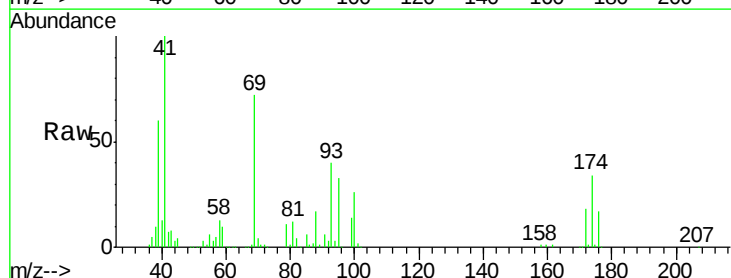
RT: 9.17 min Scan# 2356

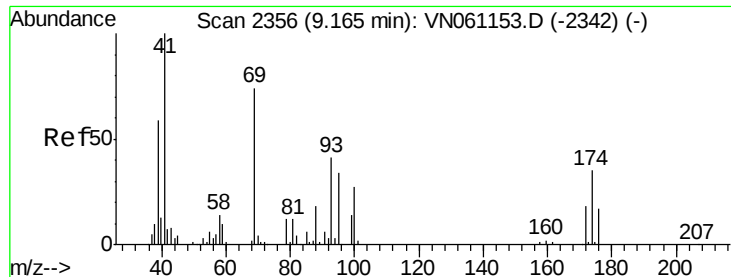
Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Tgt Ion:	41	Resp:	207573
Ion	Ratio	Lower	Upper
41	100		
69	75.6	60.3	90.5
39	62.3	47.4	71.0





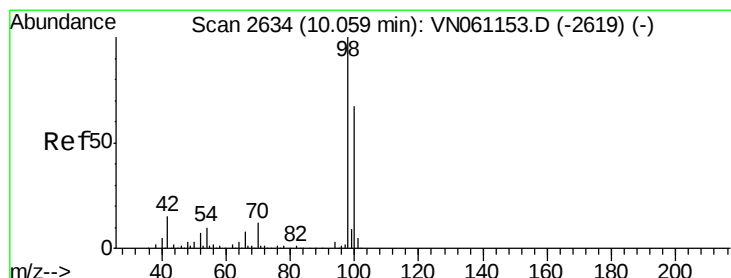
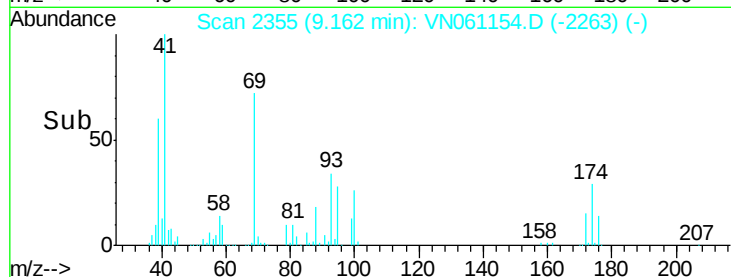
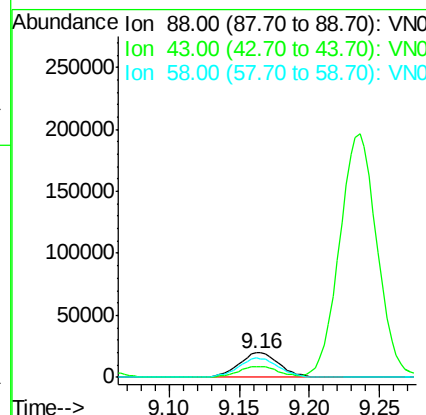
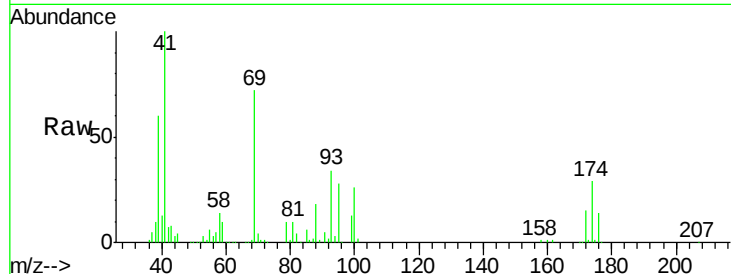
#49
1,4-Dioxane
Concen: 1609.200 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.5	35.3	52.9
58	77.7	61.5	92.3

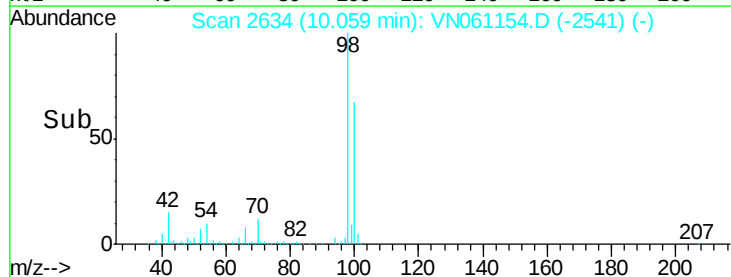
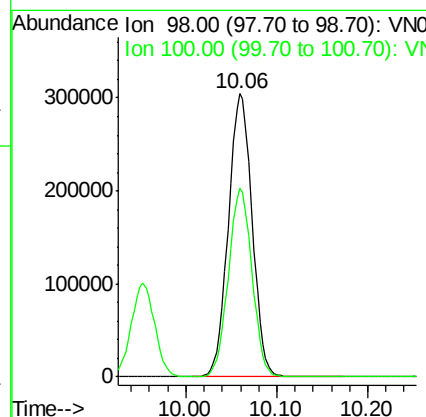
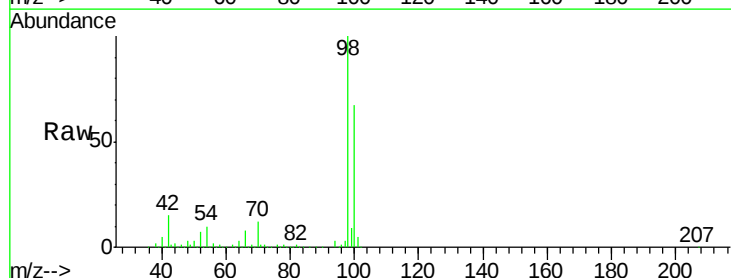
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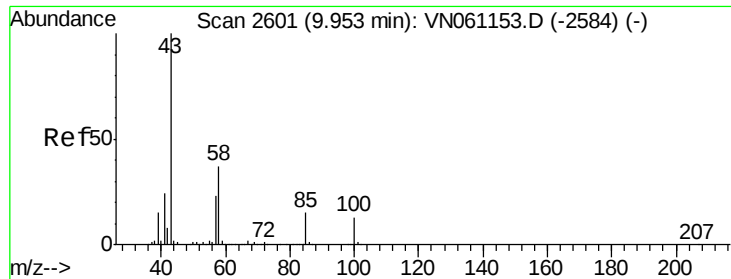
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#50
Toluene-d8
Concen: 107.275 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.4	80.0





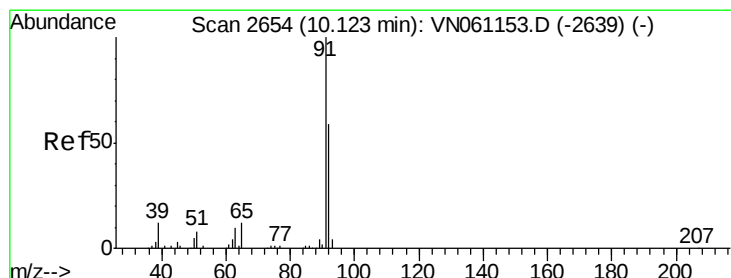
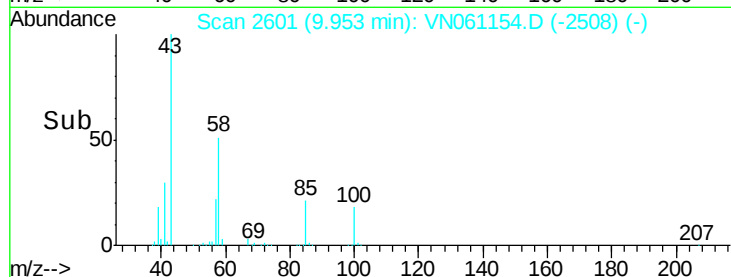
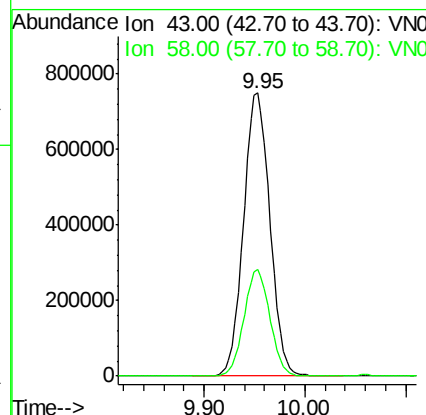
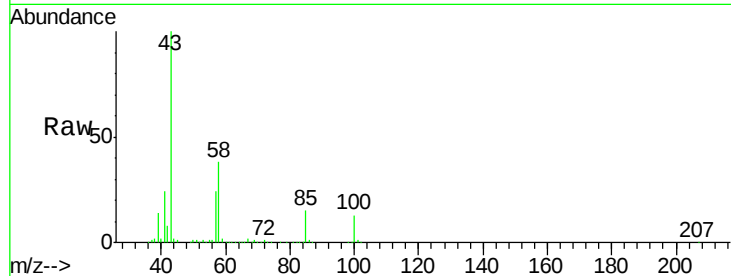
#51
4-Methyl-2-Pentanone
Concen: 639.954 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1354159
Ion Ratio Lower Upper
43 100
58 37.0 29.1 43.7

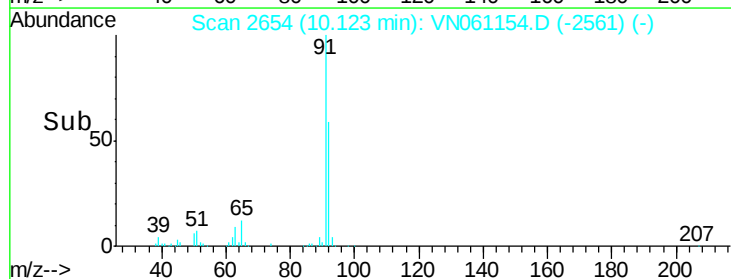
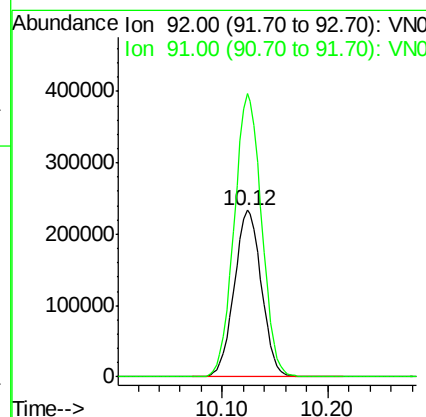
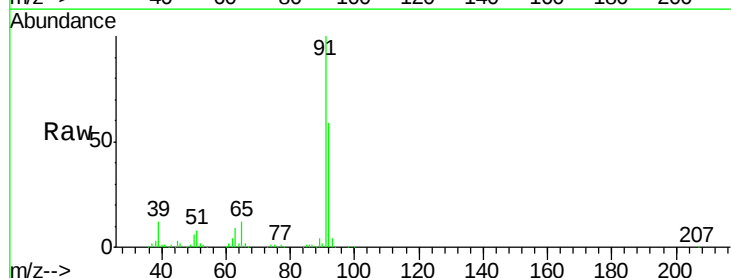
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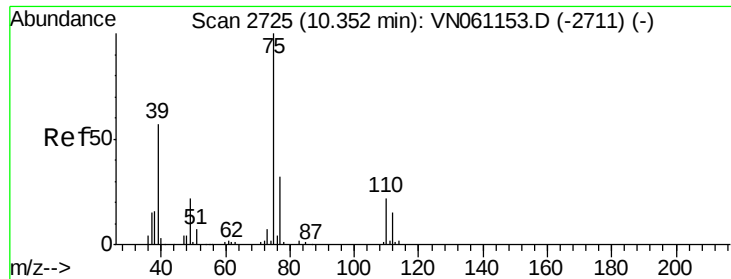
MMDadoda
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#52
Toluene
Concen: 108.671 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion: 92 Resp: 416902
Ion Ratio Lower Upper
92 100
91 171.0 136.2 204.2





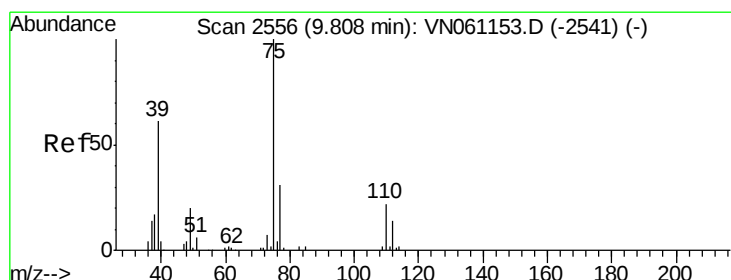
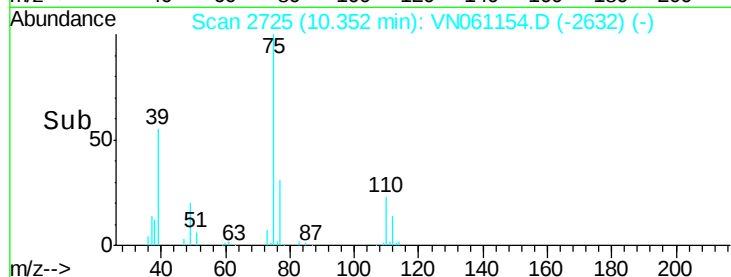
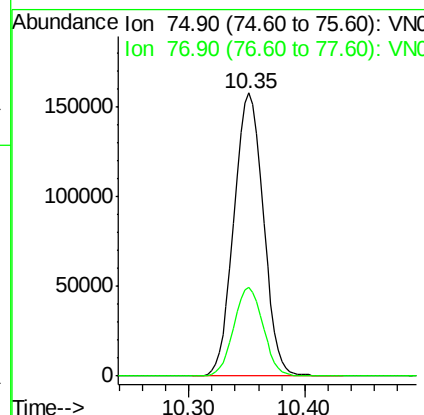
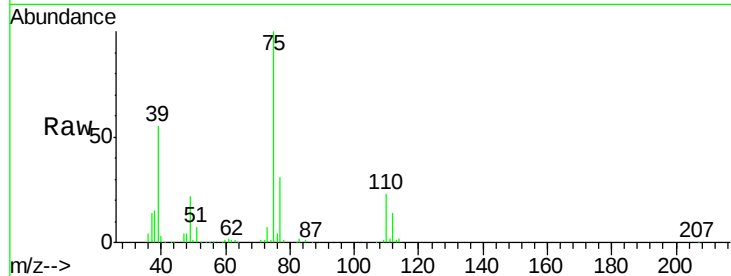
#53
t-1,3-Dichloropropene
Concen: 110.499 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3

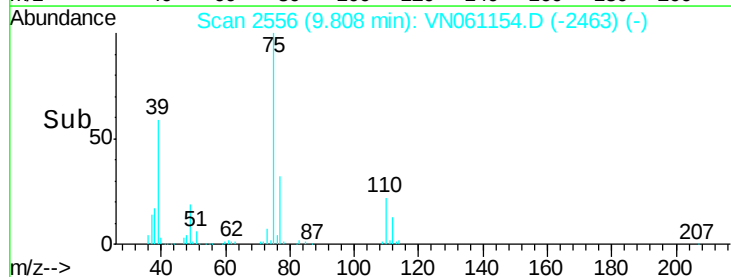
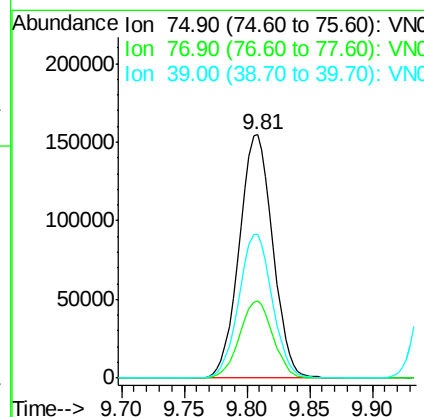
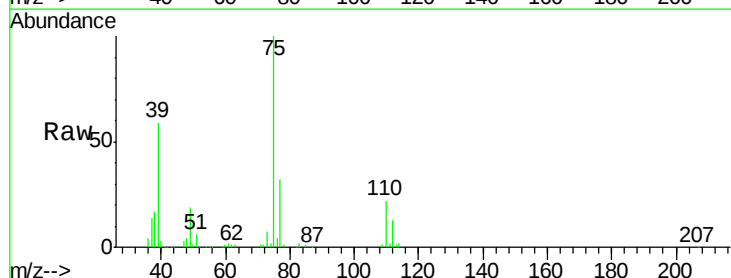
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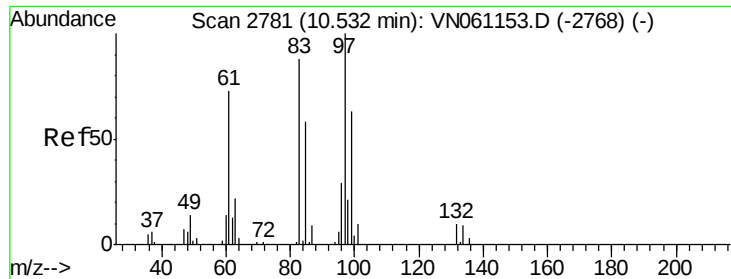
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#54
cis-1,3-Dichloropropene
Concen: 110.459 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.4
39	58.9	48.7	73.1





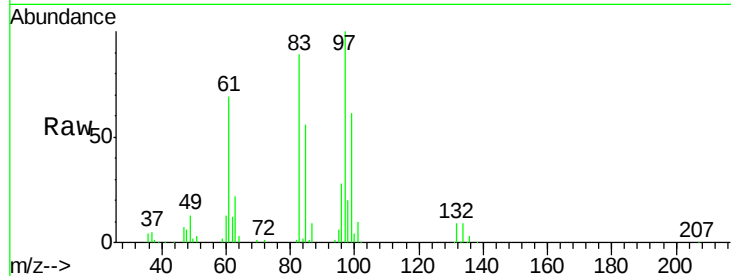
#55
 1,1,2-Trichloroethane
 Concen: 109.246 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	161583
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.6	106.0
85	55.9	46.4	69.6
99	61.4	50.6	75.8

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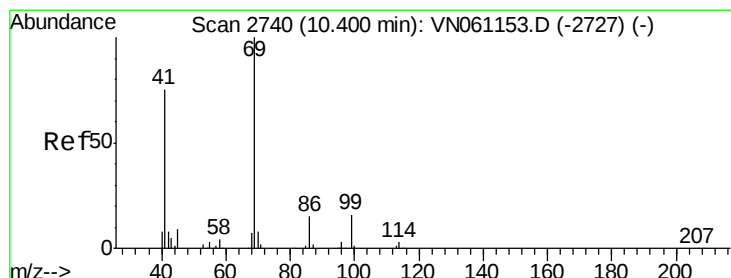
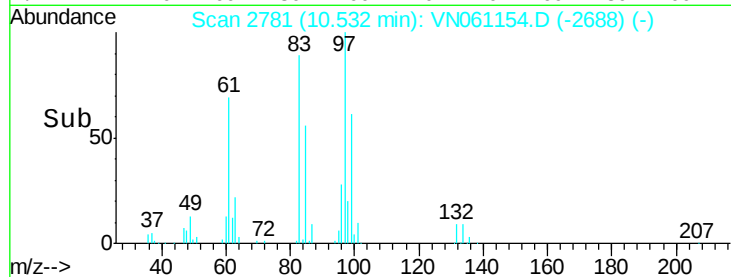
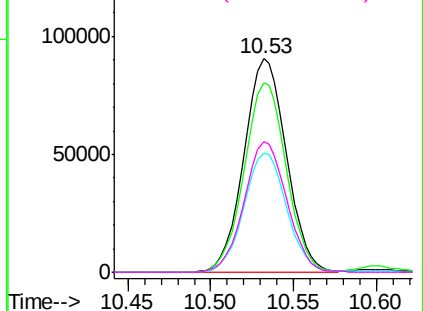


Abundance Ion 96.90 (96.60 to 97.60): VN061154.D (-2768) (-)

Ion 82.90 (82.60 to 83.60): VN061154.D (-2768) (-)

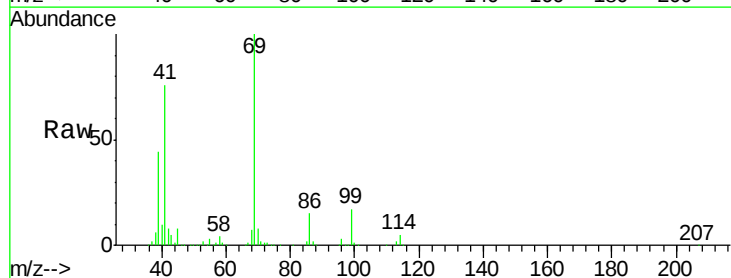
Ion 84.90 (84.60 to 85.60): VN061154.D (-2768) (-)

Ion 98.90 (98.60 to 99.60): VN061154.D (-2768) (-)



#56
 Ethyl methacrylate
 Concen: 120.557 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

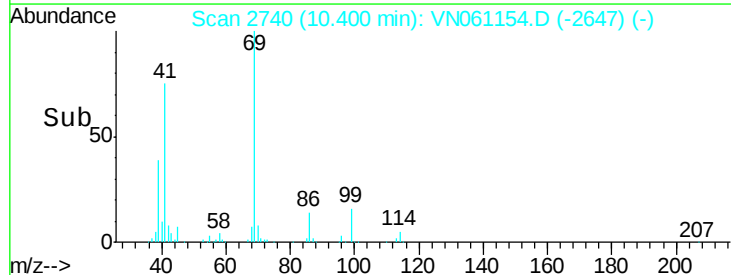
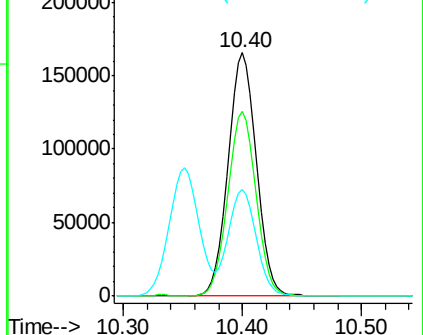
Tgt Ion:	69	Resp:	273101
Ion	Ratio	Lower	Upper
69	100		
41	75.5	60.3	90.5
39	43.3	35.9	53.9

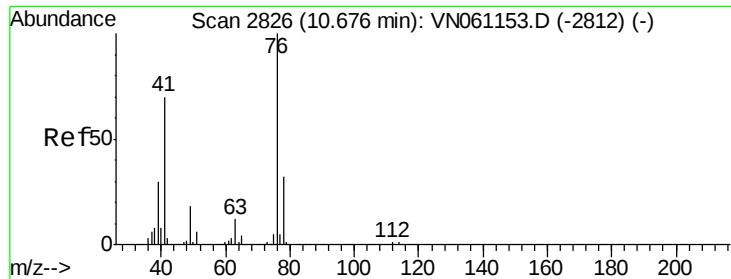


Abundance Ion 69.00 (68.70 to 69.70): VN061154.D (-2727) (-)

Ion 41.00 (40.70 to 41.70): VN061154.D (-2727) (-)

Ion 39.00 (38.70 to 39.70): VN061154.D (-2727) (-)





#57

1,3-Dichloropropane

Concen: 113.355 ug/l

RT: 10.68 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 287720

Ion Ratio Lower Upper

76 100

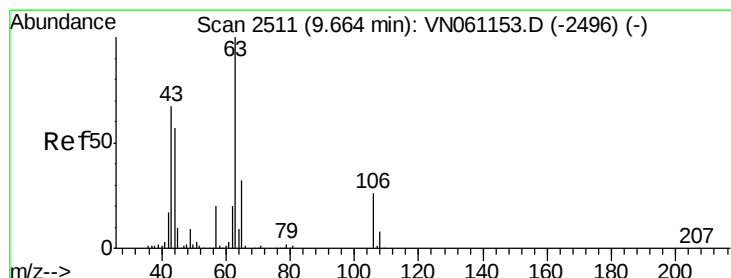
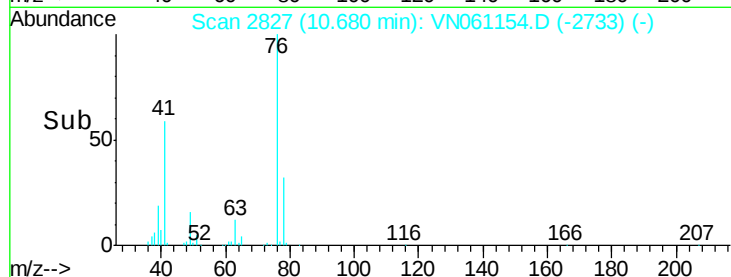
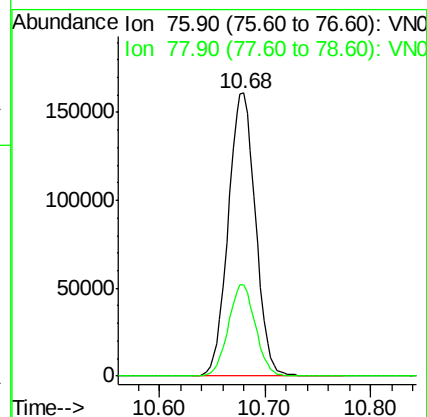
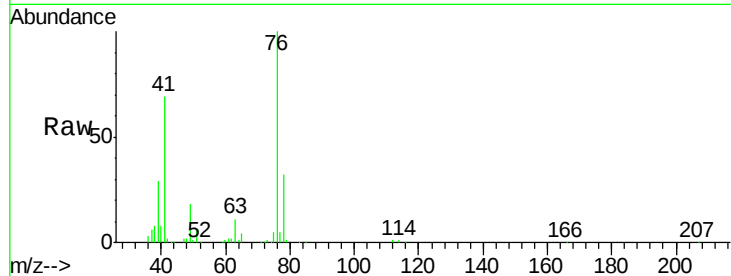
78 32.1 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 587.480 ug/l

RT: 9.66 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VN061154.D

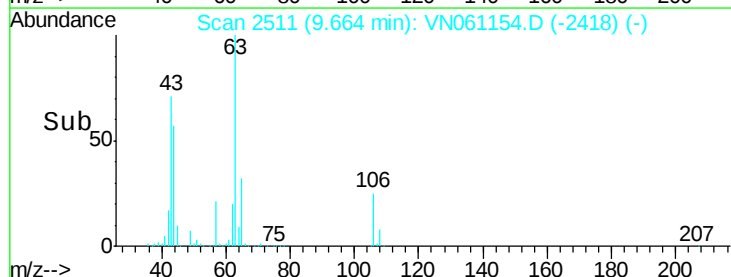
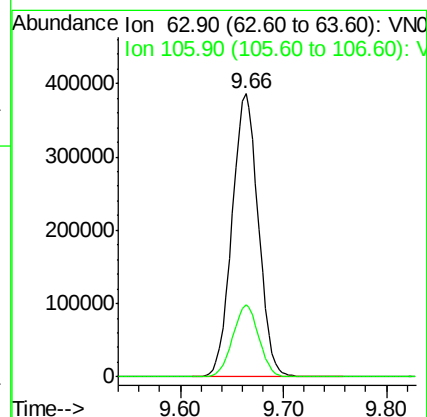
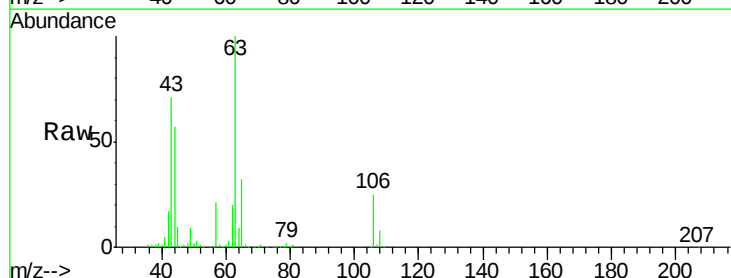
Acq: 27 Apr 2020 17:35

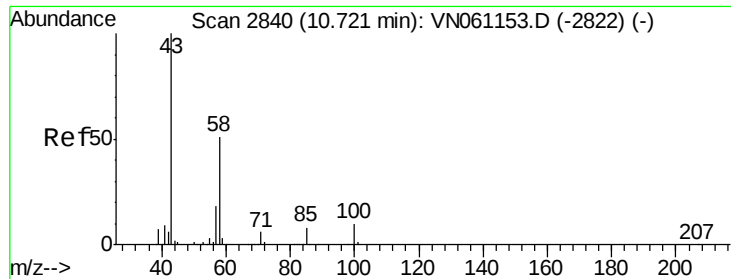
Tgt Ion: 63 Resp: 686540

Ion Ratio Lower Upper

63 100

106 25.3 20.6 30.8





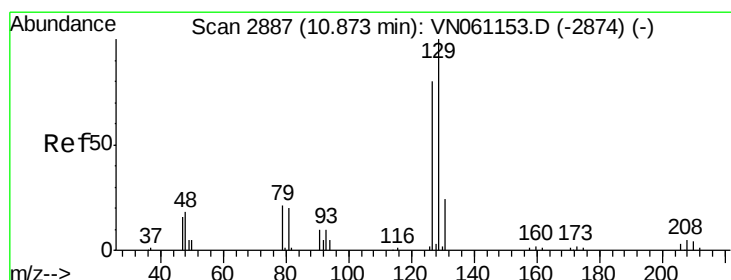
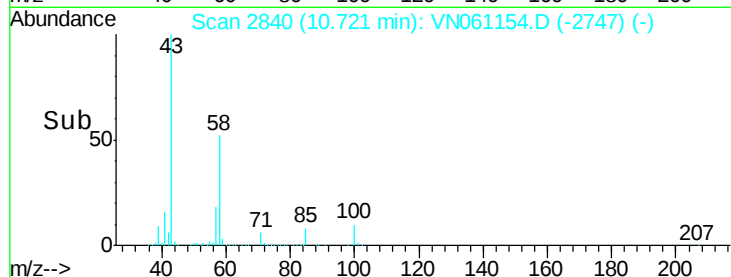
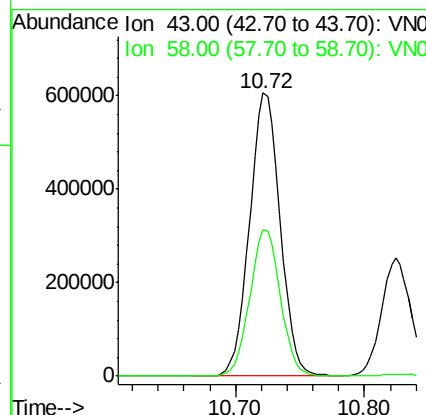
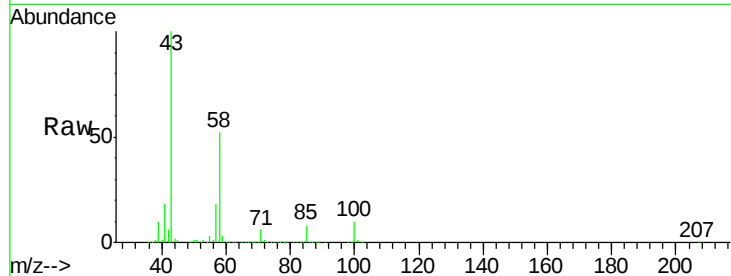
#59
2-Hexanone
Concen: 641.549 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1001732
Ion Ratio Lower Upper
43 100
58 51.7 25.4 76.4

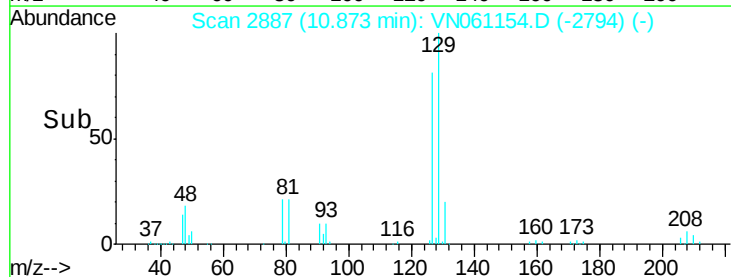
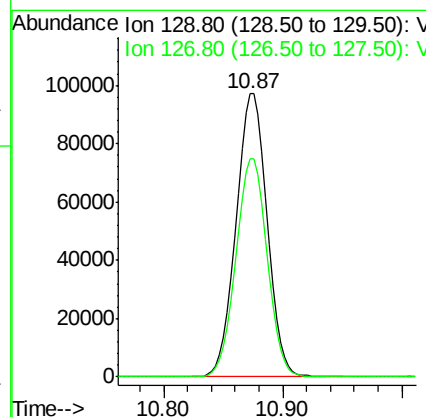
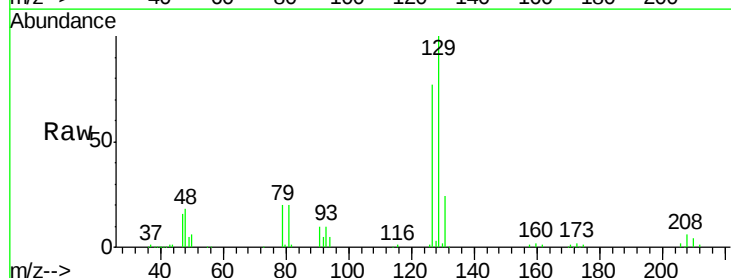
Manual Integrations
APPROVED

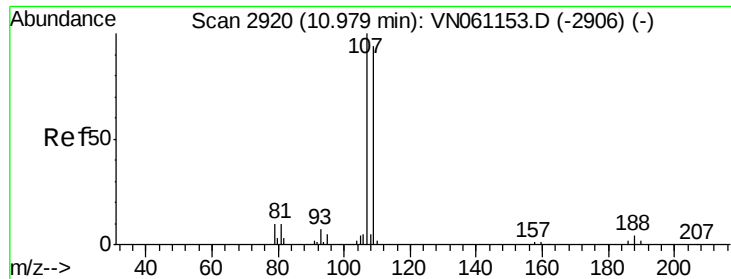
MMDadoda
4/28/2020 8:14:41 PM



#60
Dibromochloromethane
Concen: 113.588 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion: 129 Resp: 175622
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





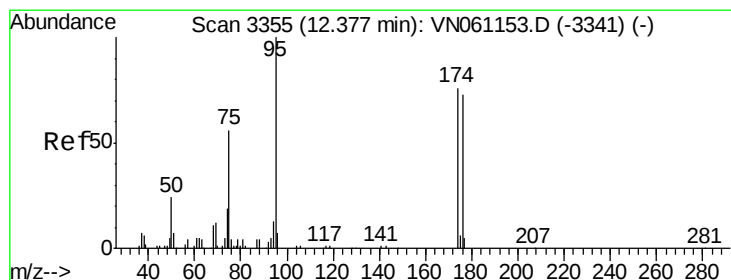
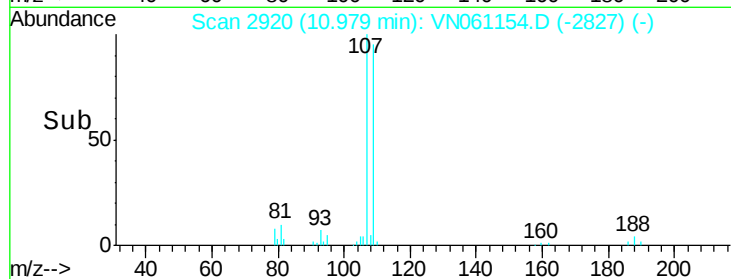
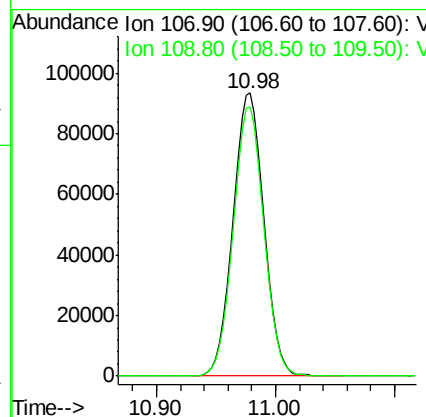
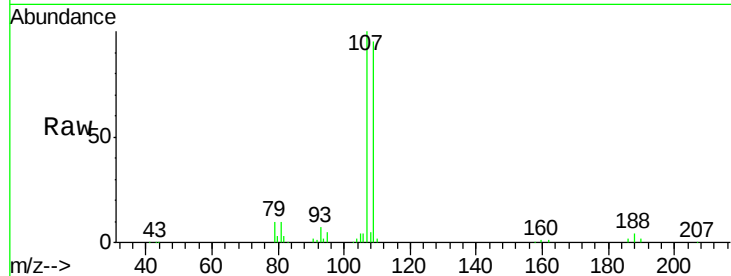
#61
 1,2-Dibromoethane
 Concen: 110.497 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	168111		
109	94.5	74.8	112.2	

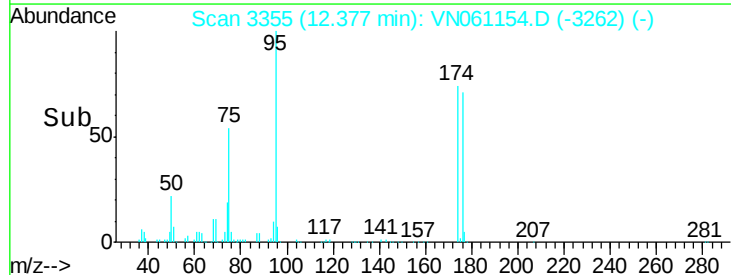
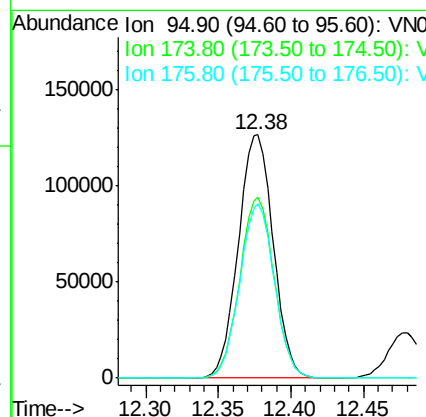
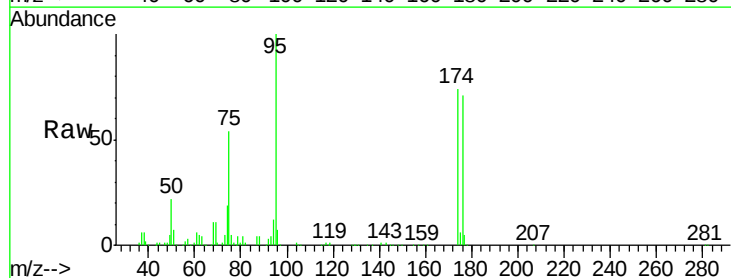
Manual Integrations
 APPROVED

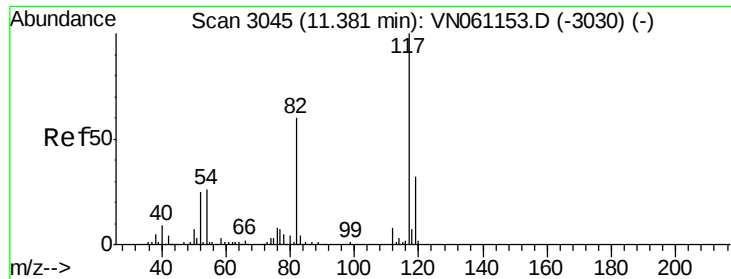
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 109.858 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	212292		
174	73.3	0.0	149.4	
176	70.9	0.0	144.8	





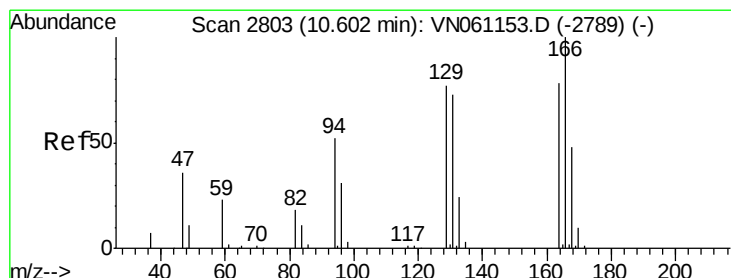
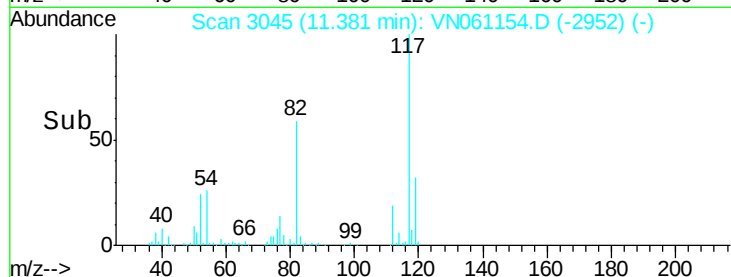
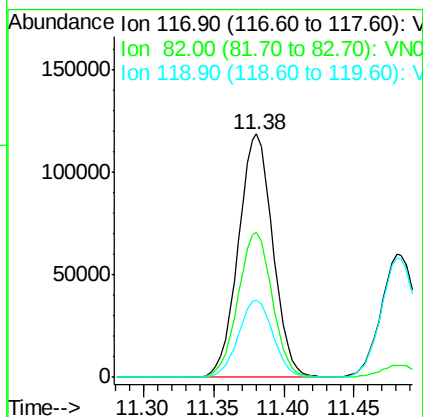
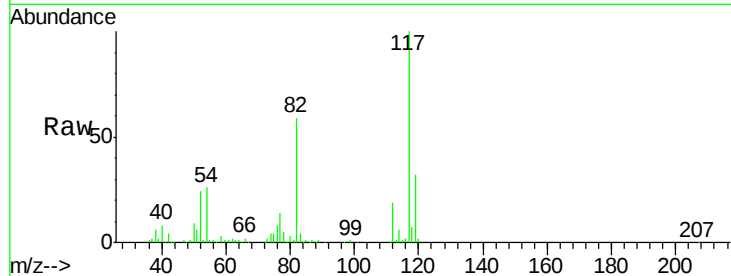
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	203680		
82	59.5		47.8	71.8
119	31.8		25.8	38.6

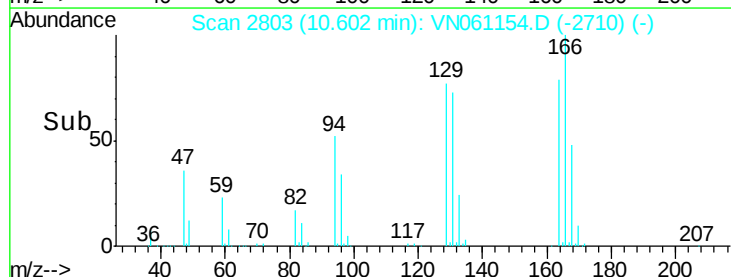
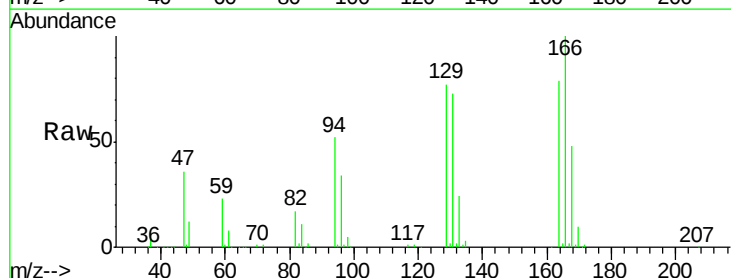
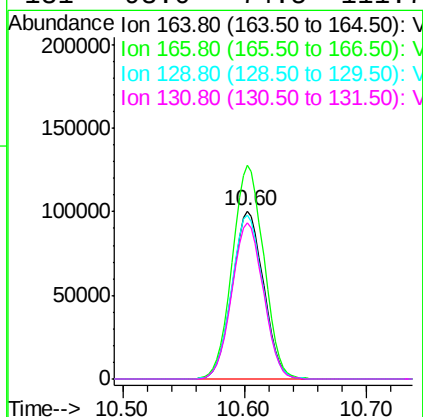
Manual Integrations
APPROVED

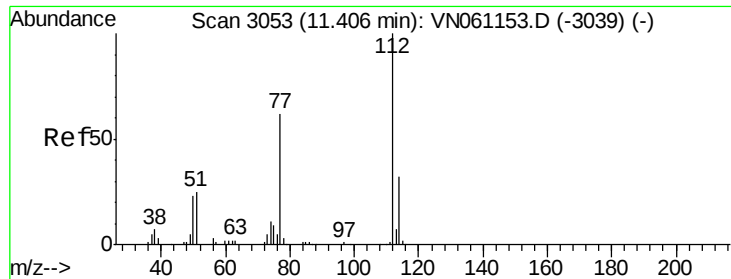
MMDadoda
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#64
Tetrachloroethene
Concen: 88.247 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	179185		
166	126.9		102.0	153.0
129	97.7		78.2	117.2
131	93.0		74.5	111.7





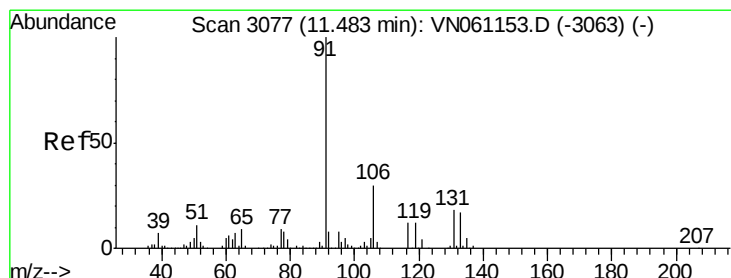
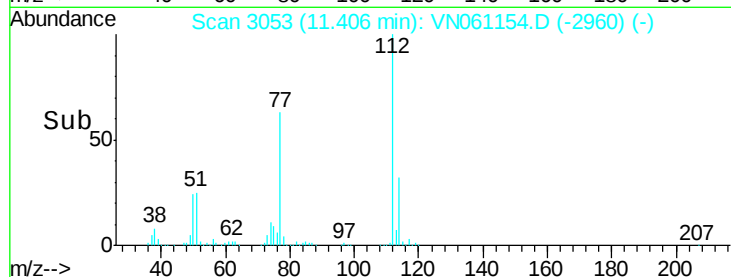
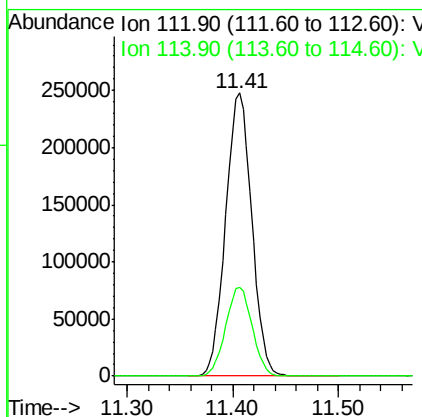
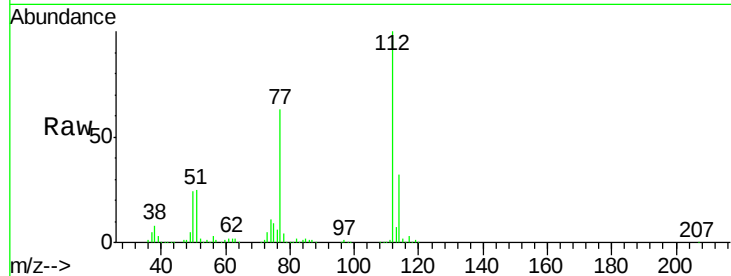
#65
Chlorobenzene
Concen: 103.446 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.4	38.2

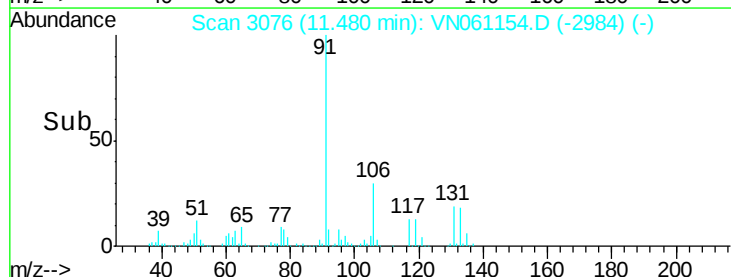
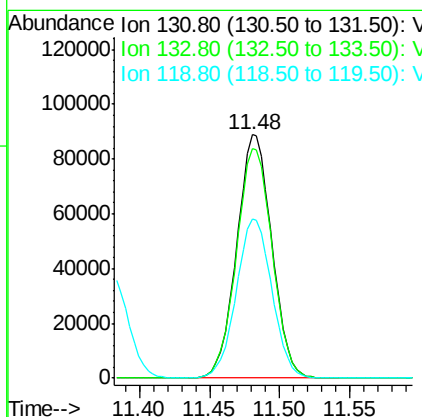
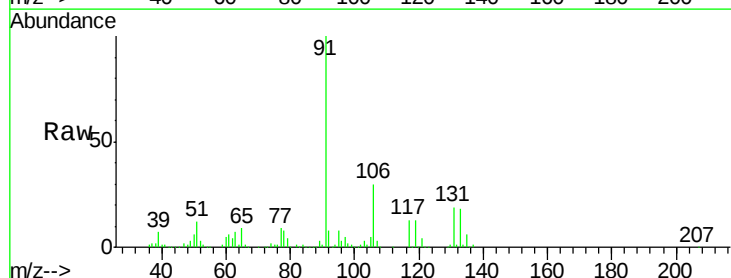
Manual Integrations
APPROVED

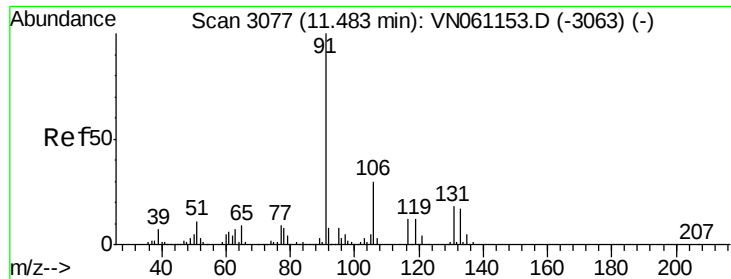
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#66
1,1,1,2-Tetrachloroethane
Concen: 106.327 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.0	144.2
119	66.4	32.6	97.8





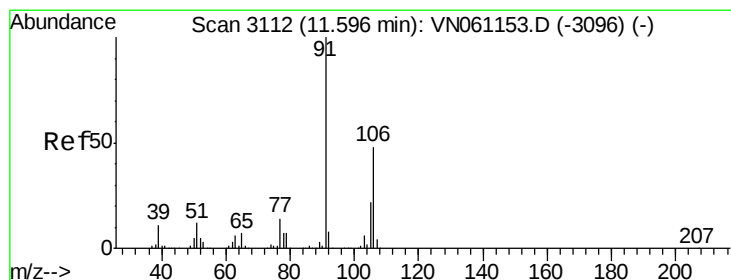
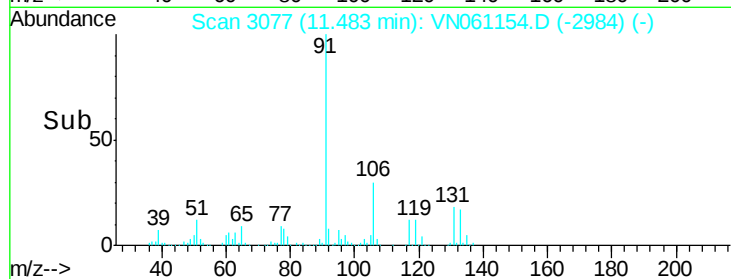
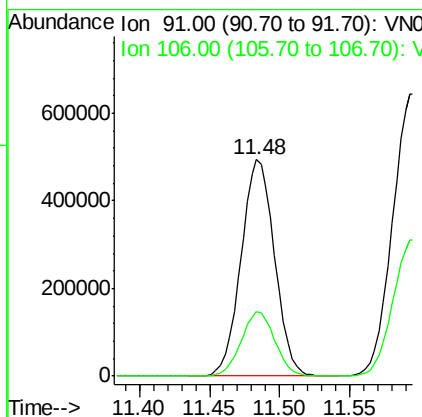
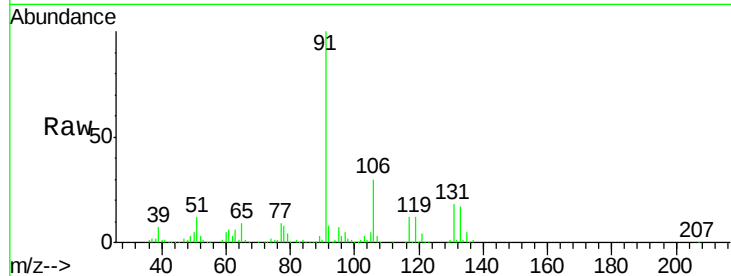
#67
Ethyl Benzene
Concen: 107.115 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 822670
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

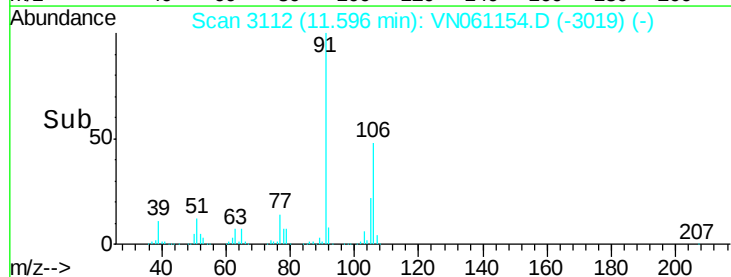
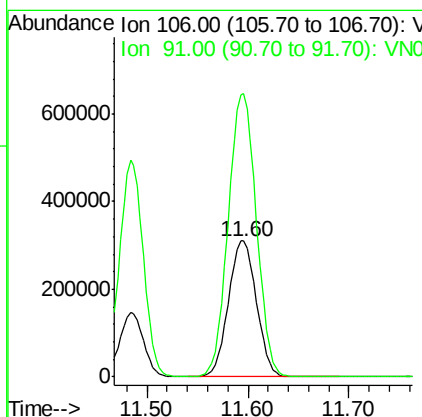
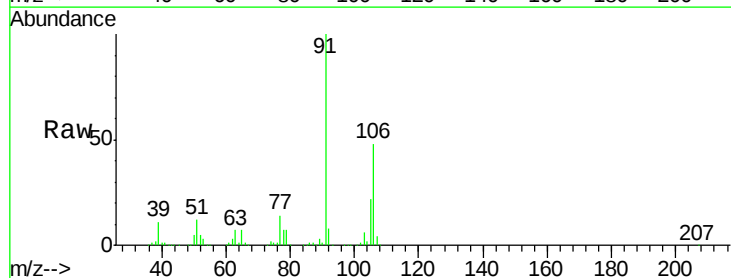
Manual Integrations
APPROVED

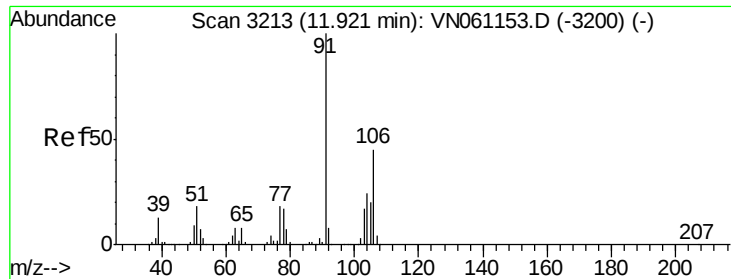
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#68
m/p-Xylenes
Concen: 210.096 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion: 106 Resp: 600843
Ion Ratio Lower Upper
106 100
91 209.0 166.4 249.6





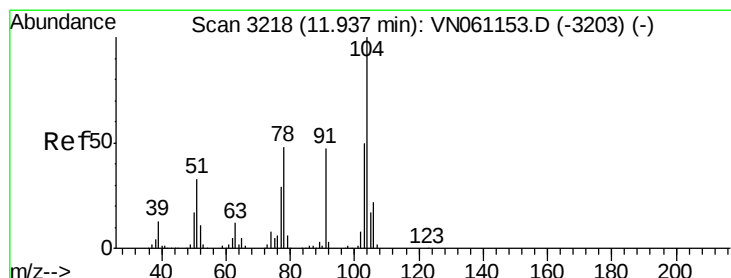
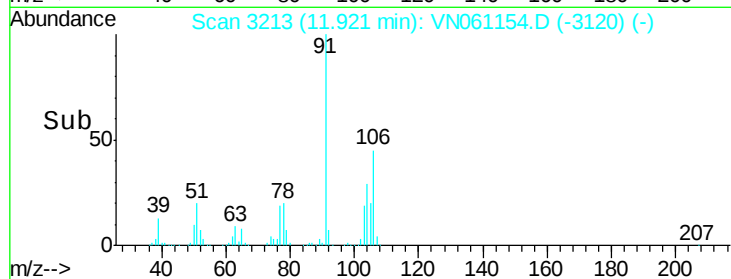
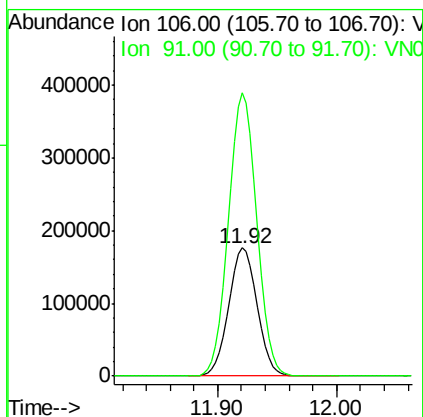
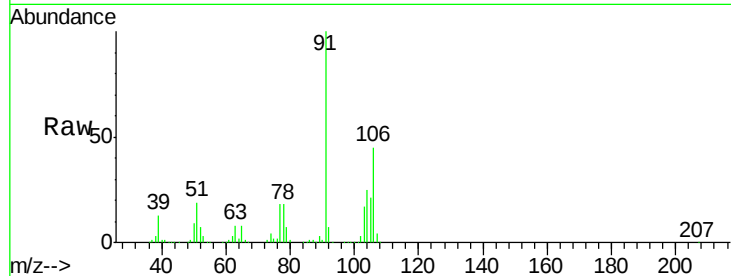
#69
o-Xylene
Concen: 105.593 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		291396		
91	219.8	109.7	329.0		

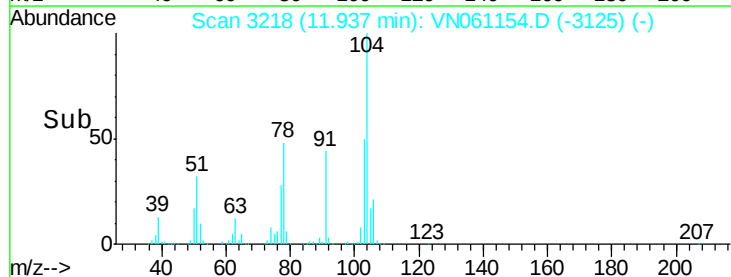
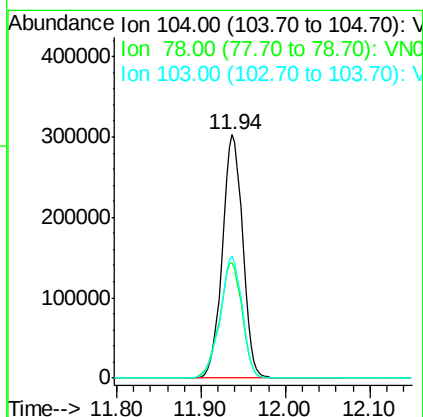
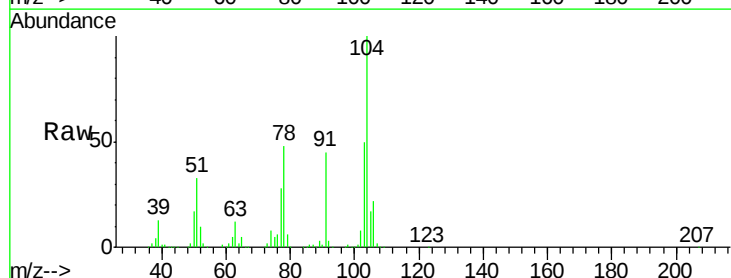
Manual Integrations
APPROVED

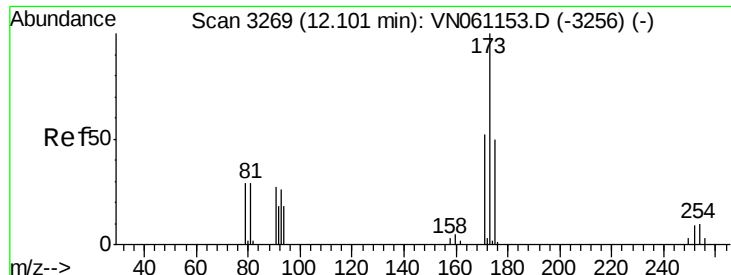
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#70
Styrene
Concen: 113.010 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		506865		
78	52.6	42.1	63.1		
103	53.7	43.3	64.9		





#71

Bromoform

Concen: 112.970 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

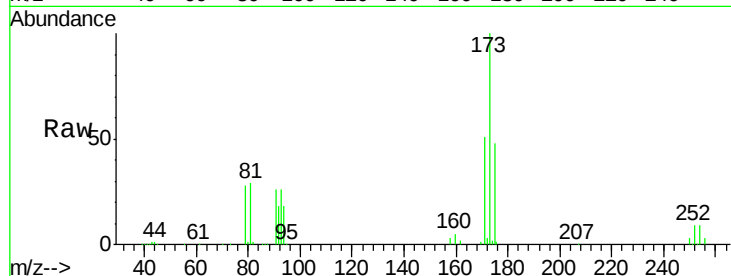
ClientSampleId :

VSTDIC100

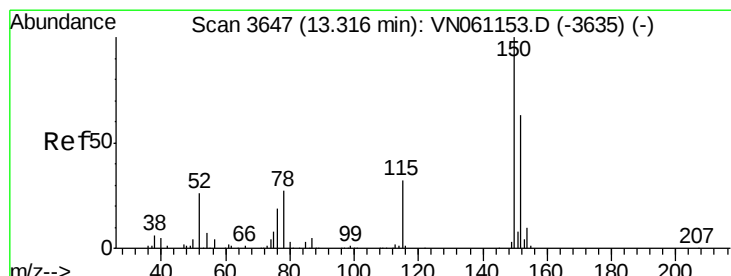
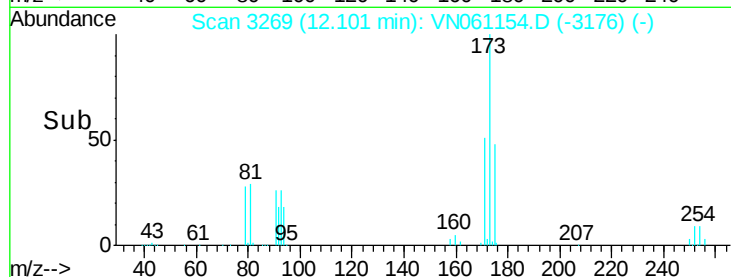
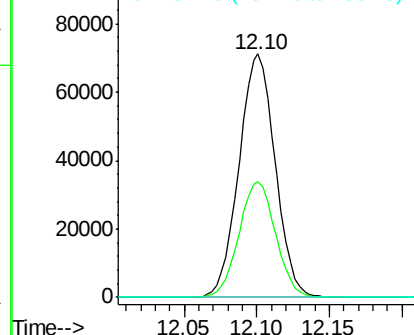
Tot Ion:	173	Resp:	123420
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.1	72.4
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

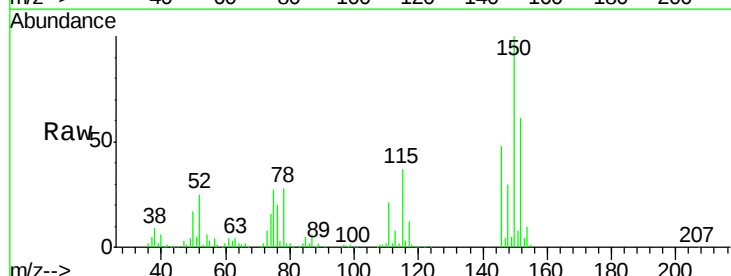
RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

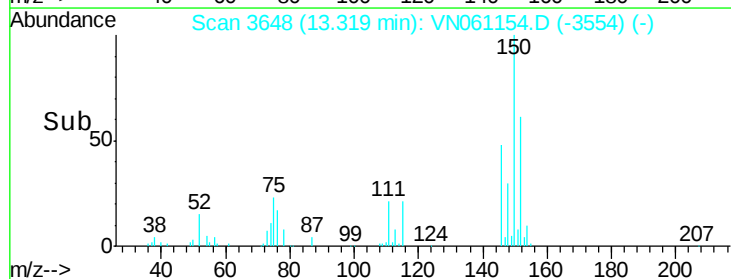
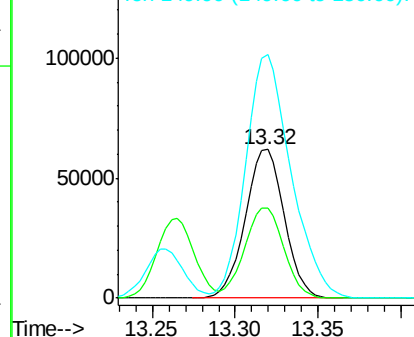
Lab File: VN061154.D

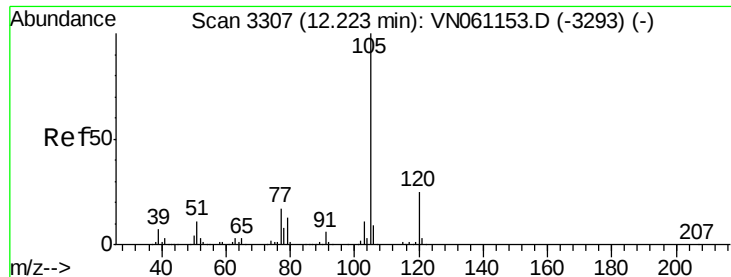
Acq: 27 Apr 2020 17:35

Tgt Ion:	152	Resp:	101273
Ion Ratio	Lower	Upper	
152	100		
115	61.0	31.0	93.0
150	190.8	0.0	351.8



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





#73

Isopropylbenzene

Concen: 104.260 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 793609

Ion Ratio Lower Upper

105 100

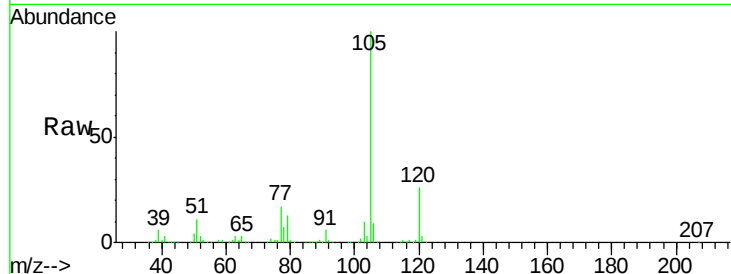
120 25.7 12.6 37.8

Manual Integrations

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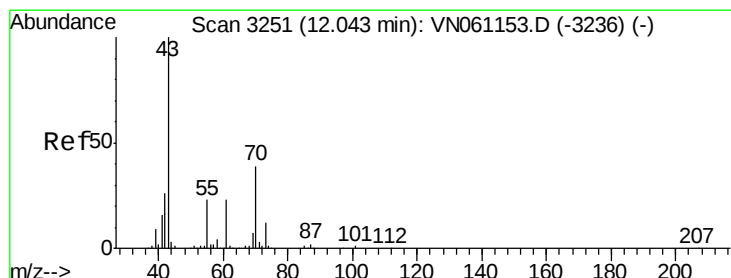
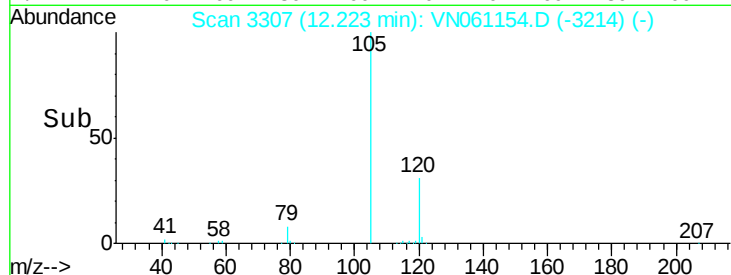
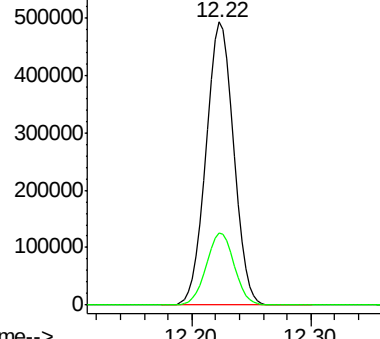
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 119.381 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Tgt Ion: 43 Resp: 416723

Ion Ratio Lower Upper

43 100

70 38.2 30.6 46.0

55 22.6 18.5 27.7

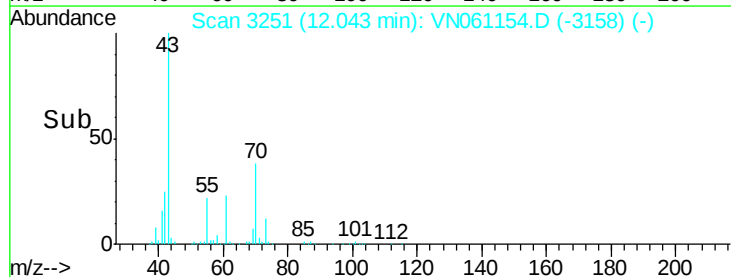
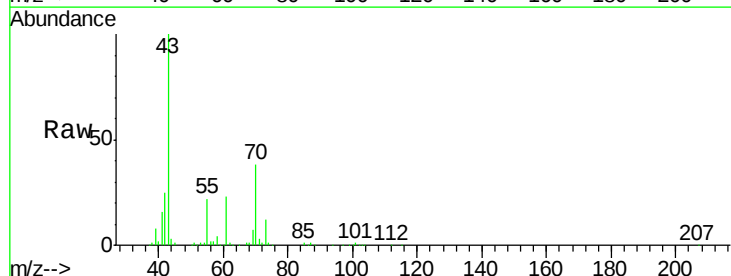
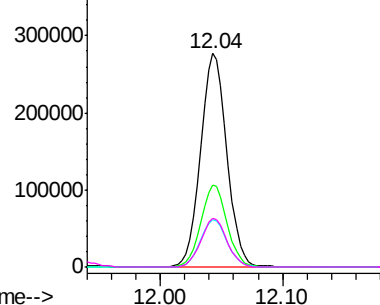
61 22.7 17.9 26.9

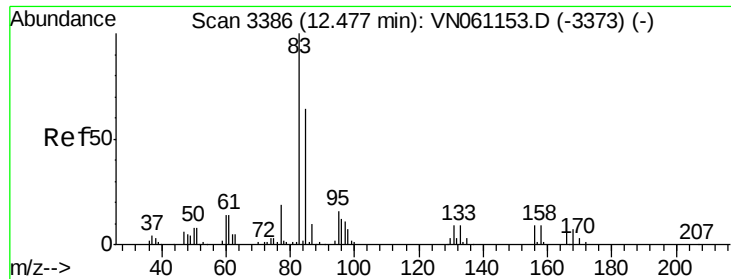
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 114.220 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

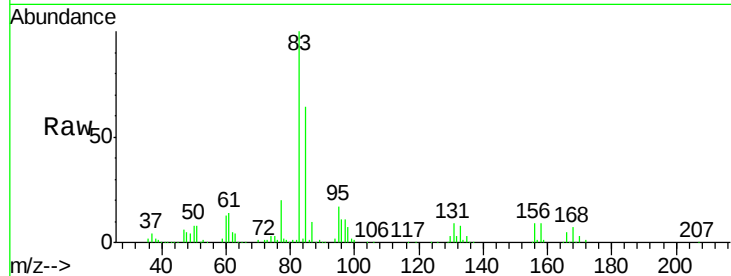
ClientSampleId :

VSTDIC100

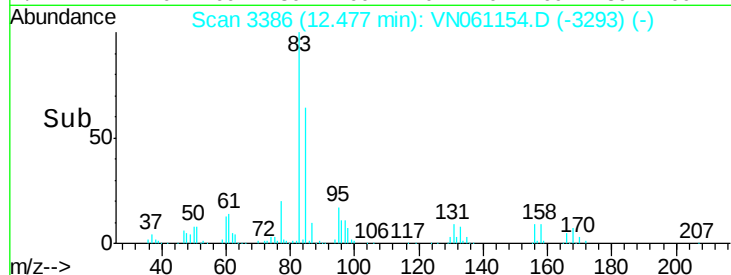
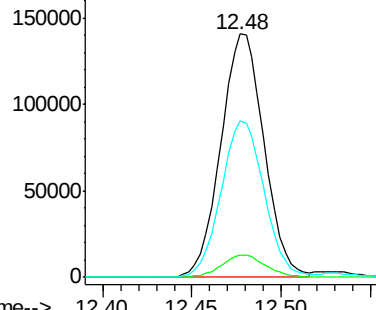
Tot Ion:	83	Resp:	238476
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.3
85	64.1	32.0	96.0

Manual Integrations
APPROVED

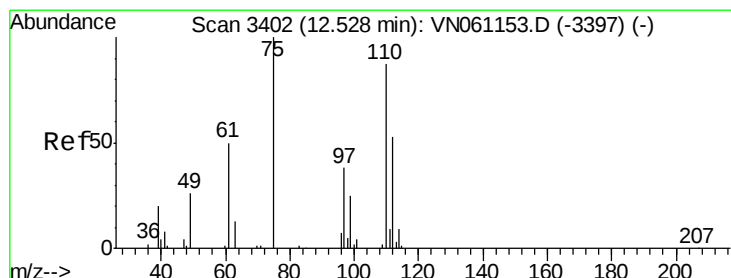
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Abundance Ion 82.90 (82.60 to 83.60): VN061154.D (-3293) (-)



Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 93.931 ug/l m

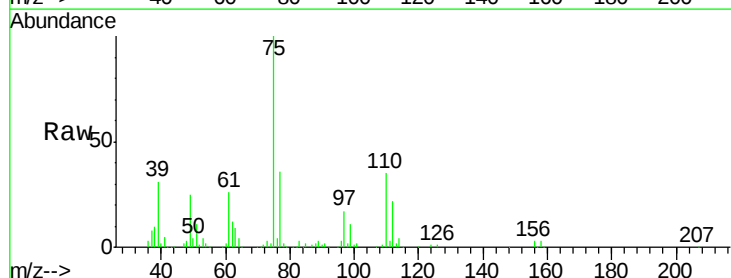
RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

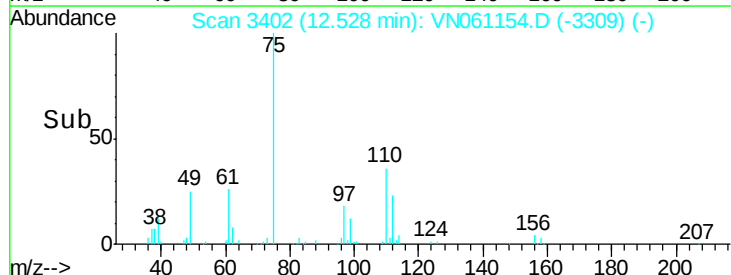
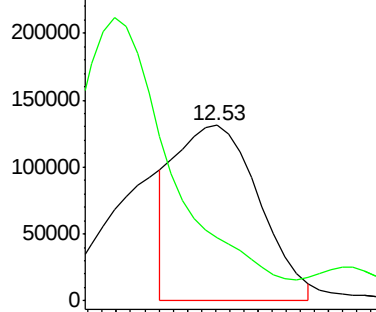
Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

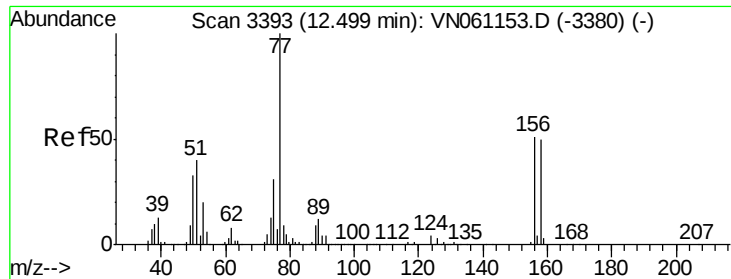
Tgt Ion:	75	Resp:	215281
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061154.D (-3309) (-)



Time--> 12.50 12.52 12.54 12.56



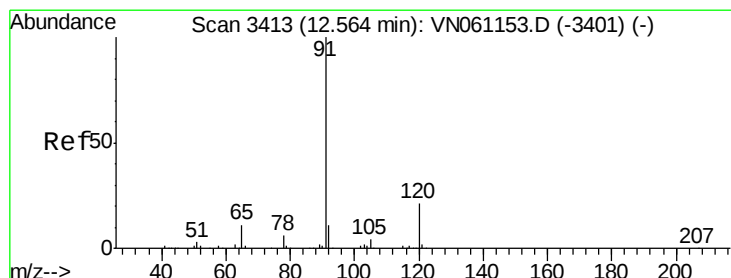
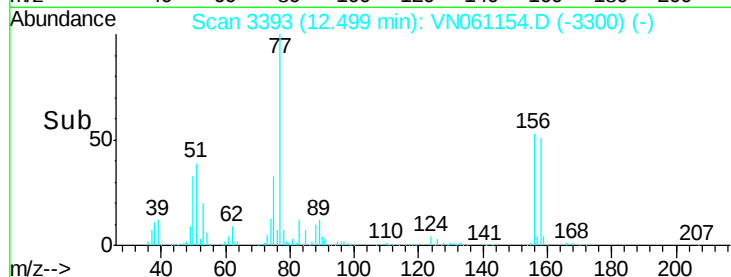
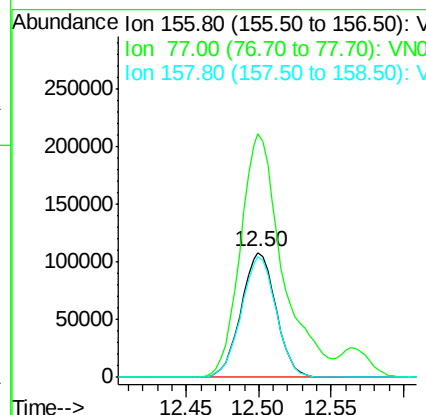
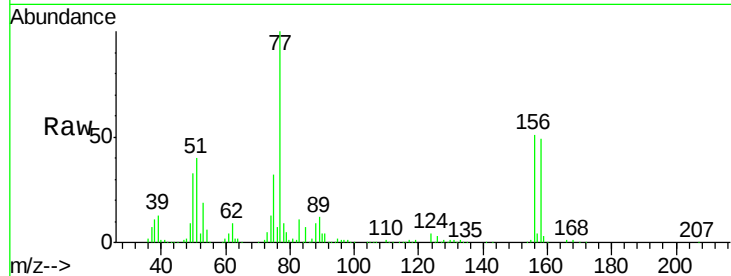
#77
Bromobenzene
Concen: 98.252 ug/l
RT: 12.50 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	236.2	117.4	352.2	
158	96.7	48.4	145.0	

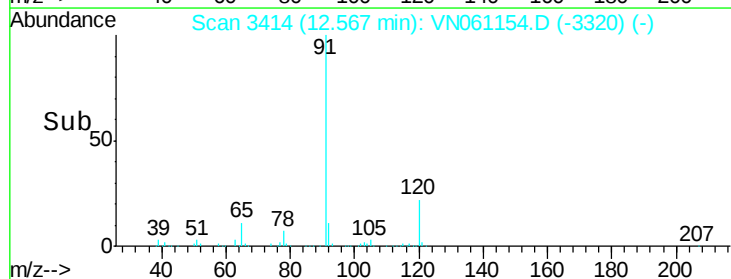
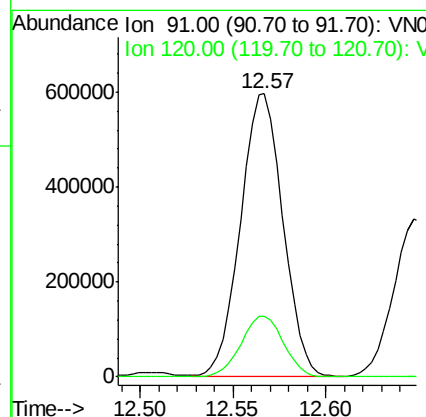
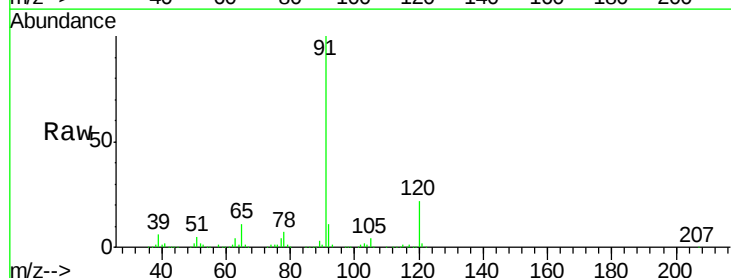
Manual Integrations
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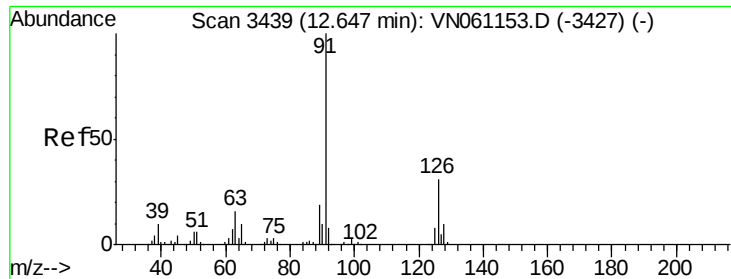
MMDadoda
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#78
n-propylbenzene
Concen: 105.451 ug/l
RT: 12.57 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.7	10.8	32.3	





#79

2-Chlorotoluene

Concen: 105.205 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 547115

Ion Ratio Lower Upper

91 100

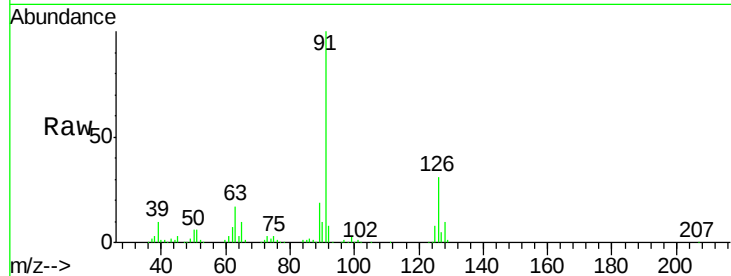
126 31.7 15.9 47.7

Manual Integrations

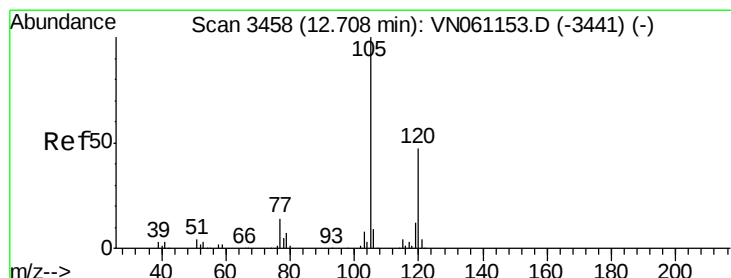
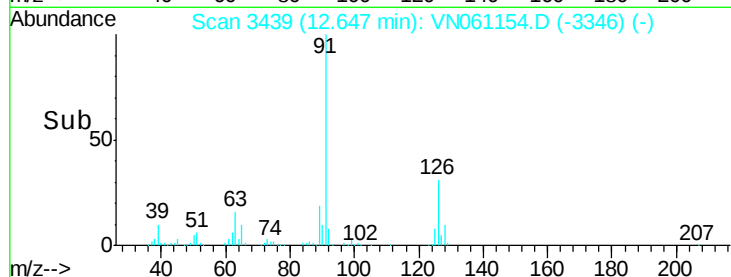
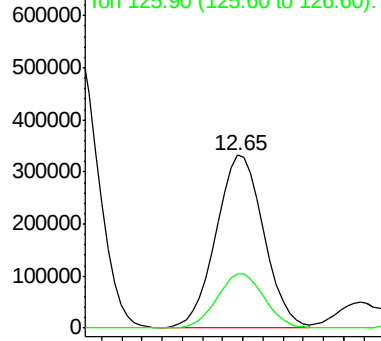
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Abundance Ion 91.00 (90.70 to 91.70): VN061154.D (-3439) (-)



#80

1,3,5-Trimethylbenzene

Concen: 104.208 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061154.D

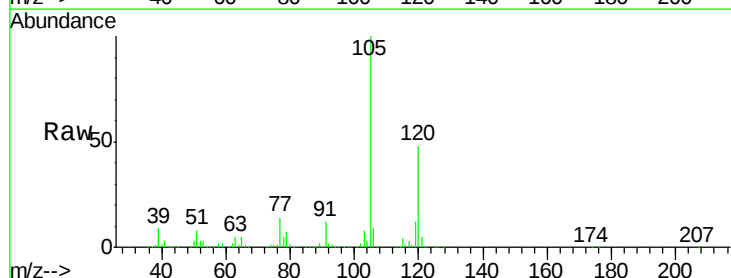
Acq: 27 Apr 2020 17:35

Tgt Ion: 105 Resp: 667705

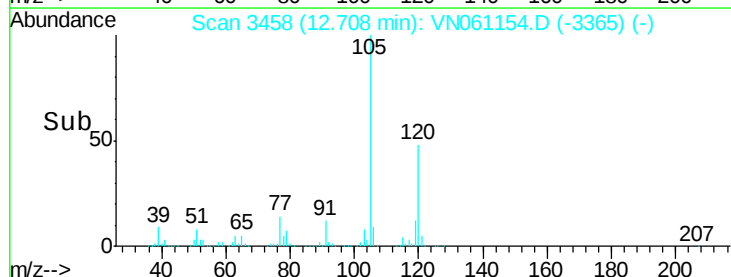
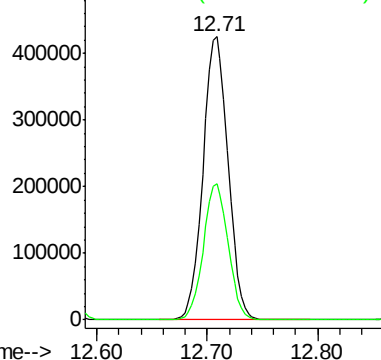
Ion Ratio Lower Upper

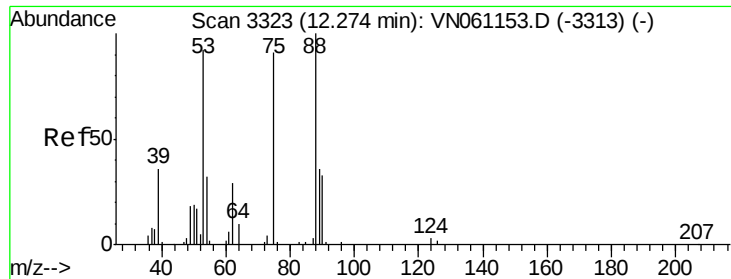
105 100

120 47.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061154.D (-3458) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 104.530 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

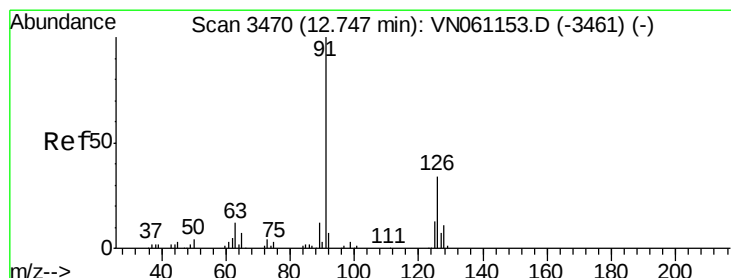
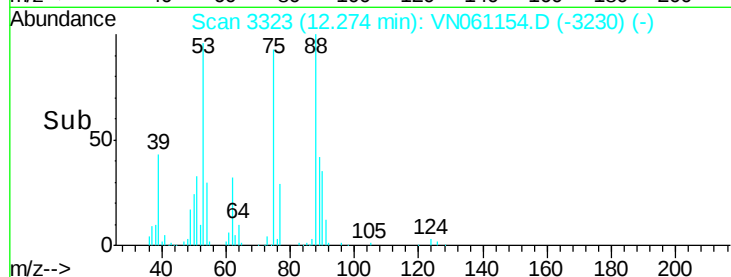
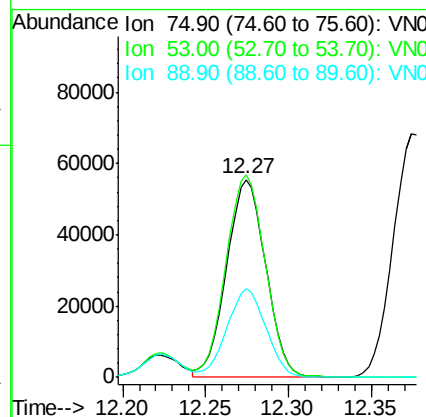
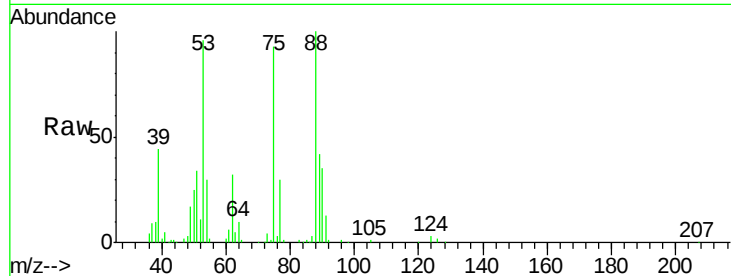
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	91395
Ion	Ratio	Lower	Upper
75	100		
53	102.8	84.1	126.1
89	44.6	35.2	52.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 105.757 ug/l

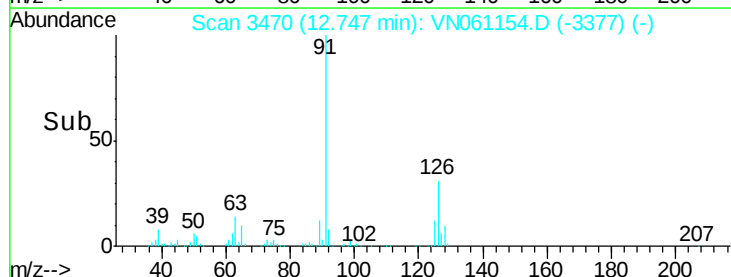
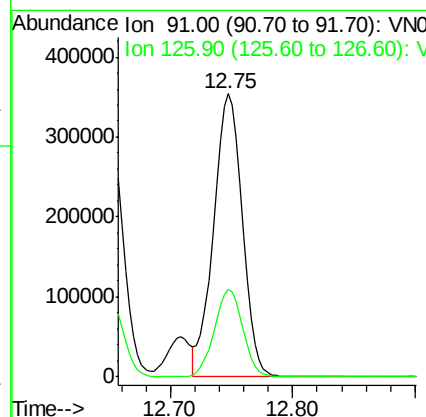
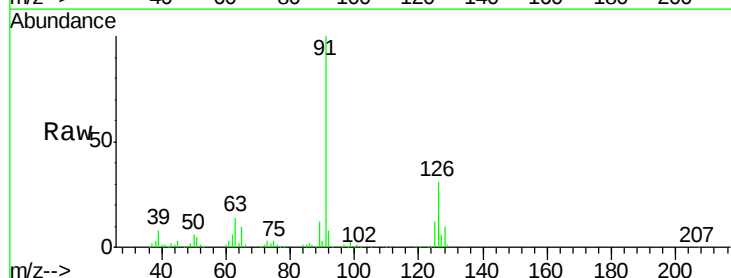
RT: 12.75 min Scan# 3470

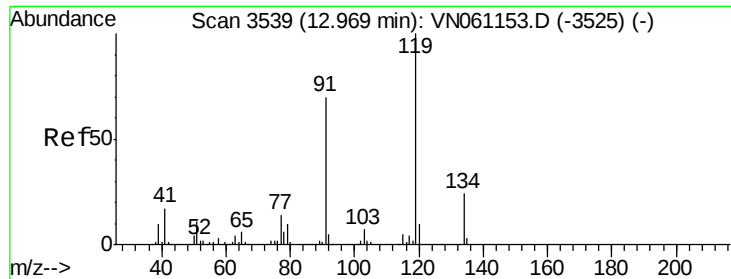
Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Tgt Ion:	91	Resp:	584398
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.7	47.1





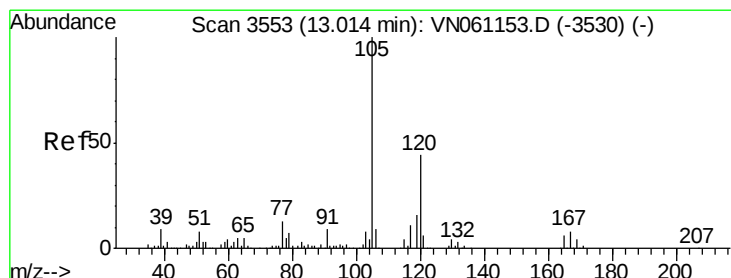
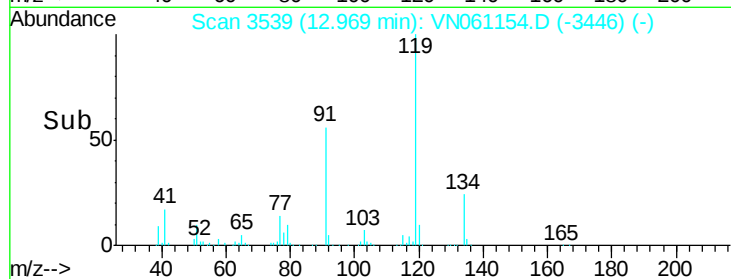
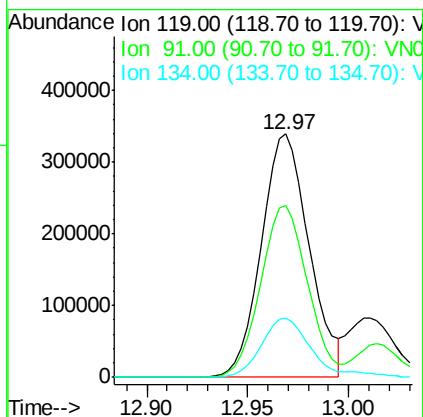
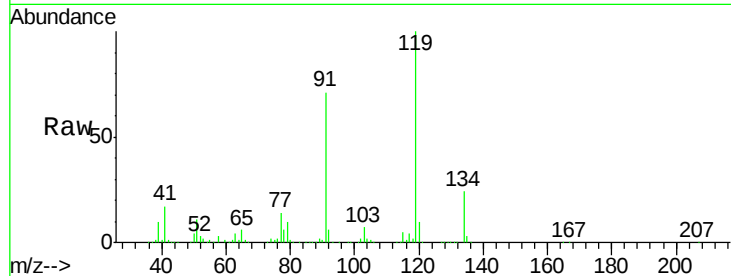
#83
 tert-Butylbenzene
 Concen: 104.035 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
119	100	559115		
91	69.9	34.8	104.4	
134	25.5	12.9	38.7	

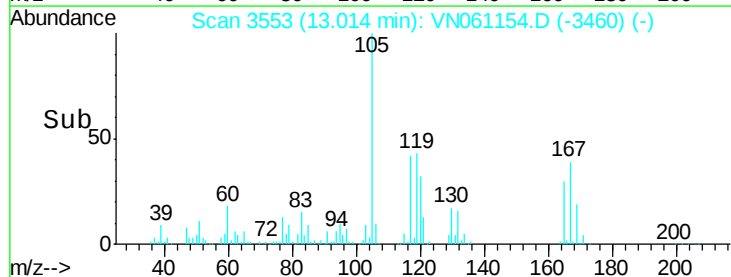
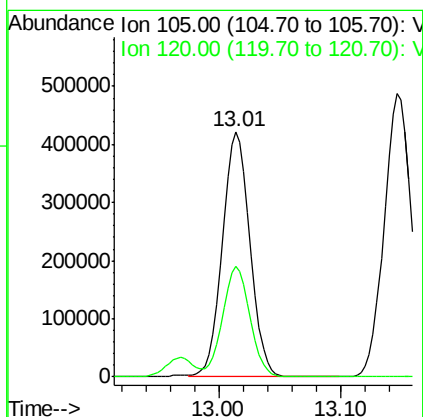
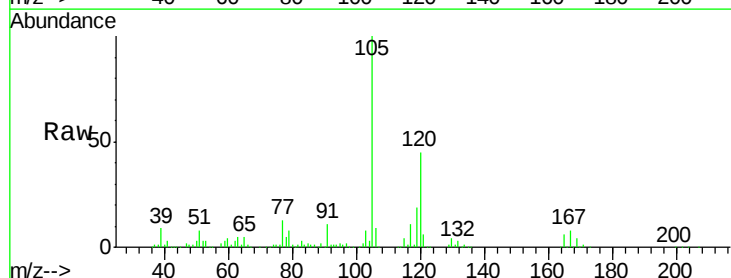
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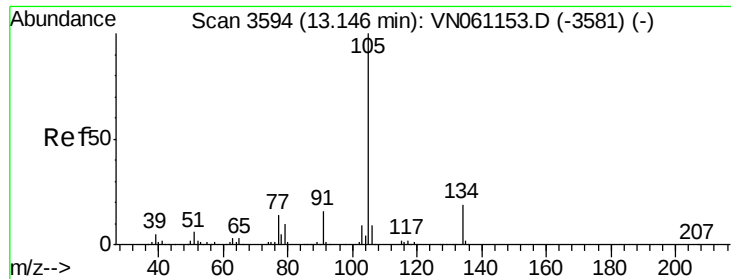
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#84
 1,2,4-Trimethylbenzene
 Concen: 104.404 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	668339		
120	44.9	22.2	66.6	





#85

sec-Butylbenzene

Concen: 105.071 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 766567

Ion Ratio Lower Upper

105 100

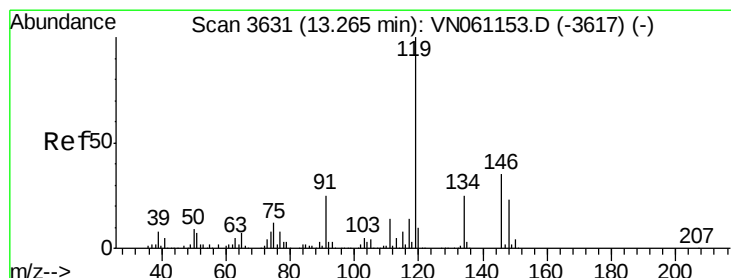
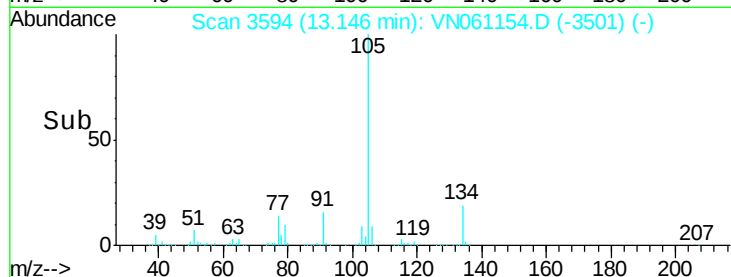
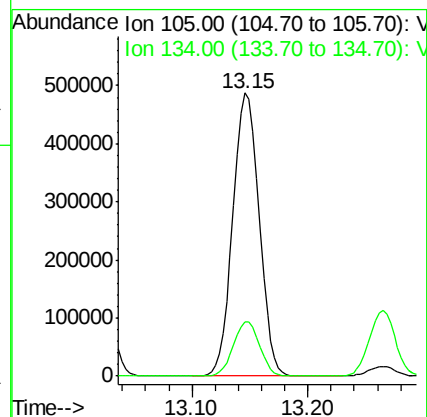
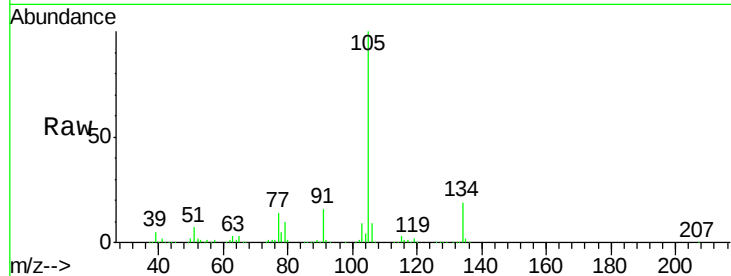
134 19.1 9.6 28.8

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#86

p-Isopropyltoluene

Concen: 104.853 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

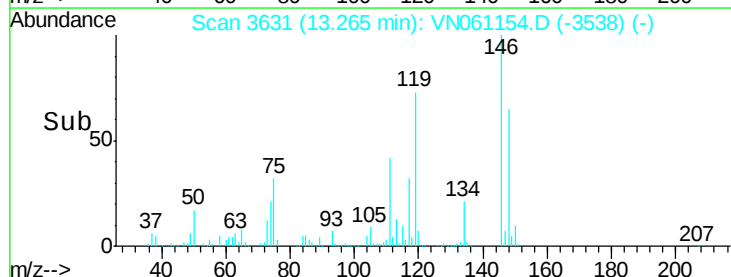
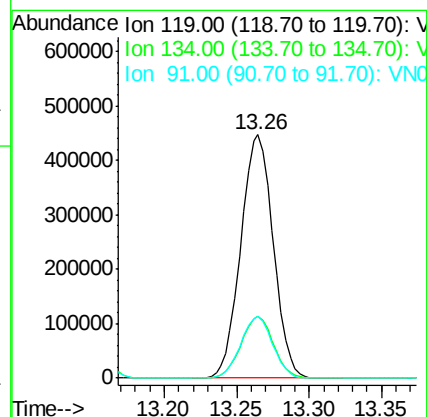
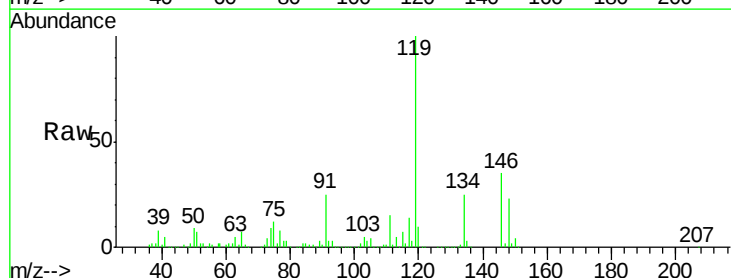
Tgt Ion:119 Resp: 693504

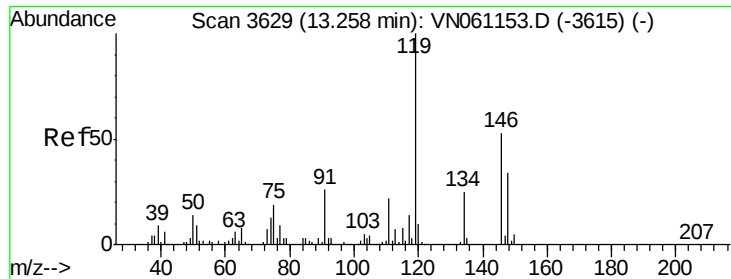
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.6

91 25.1 12.7 38.0





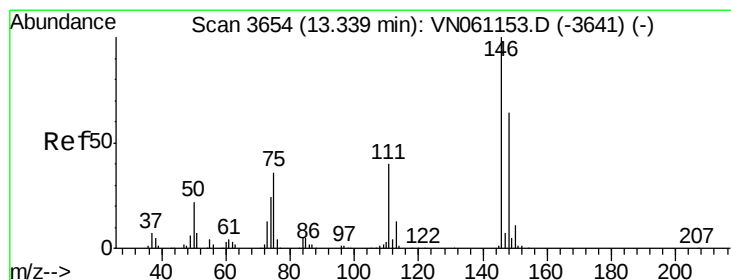
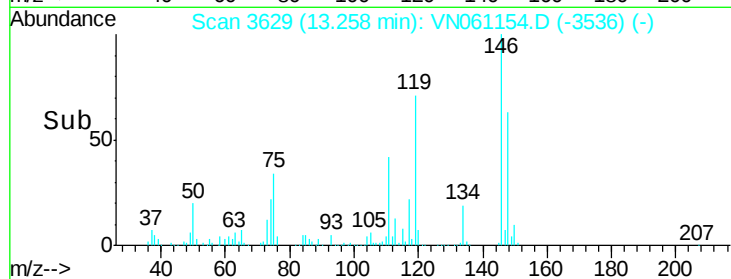
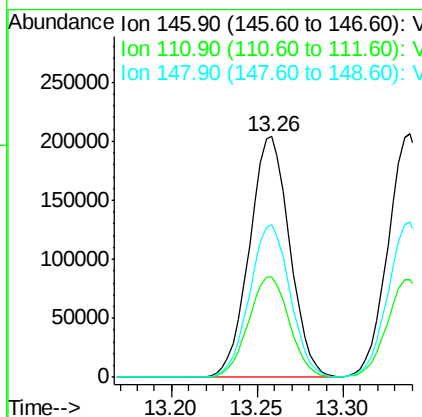
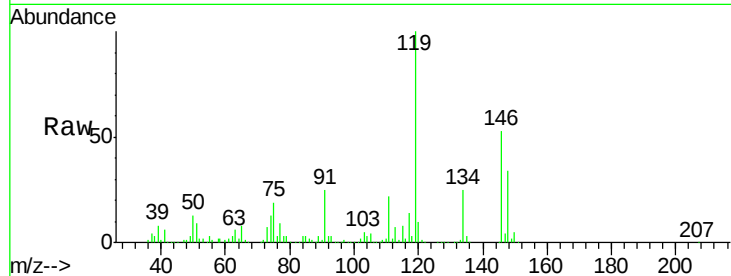
#87
 1,3-Dichlorobenzene
 Concen: 100.777 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.7	62.1
148	63.9	31.8	95.3

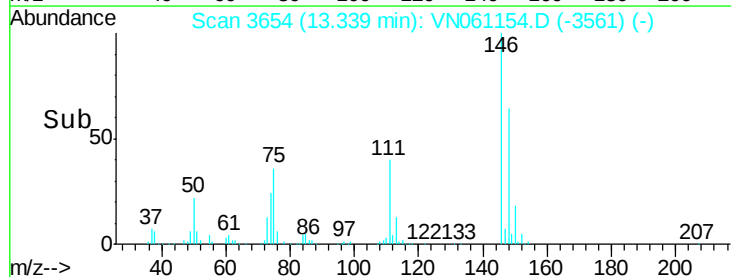
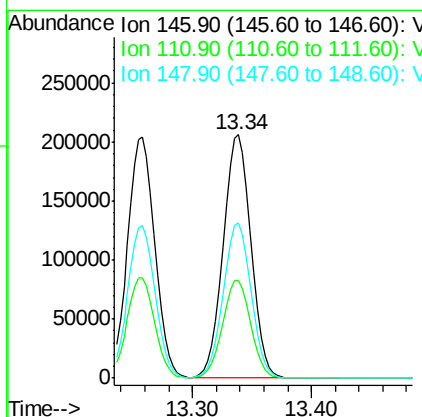
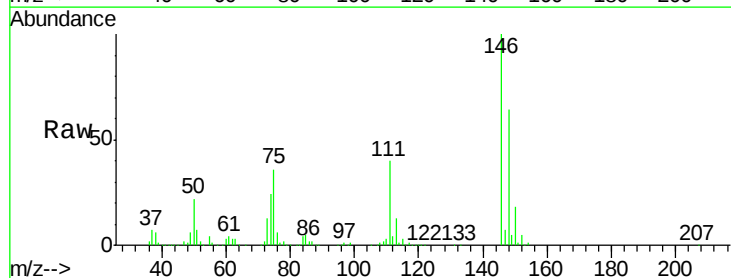
Manual Integrations
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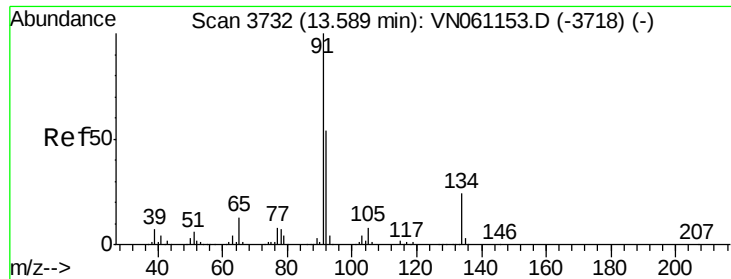
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#88
 1,4-Dichlorobenzene
 Concen: 100.459 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.3
148	63.9	31.9	95.7





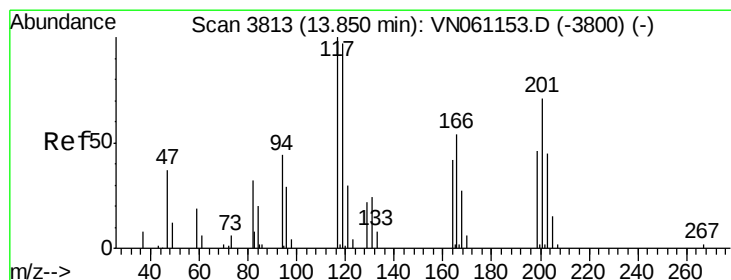
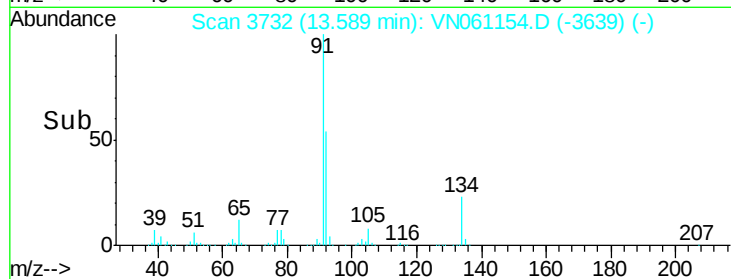
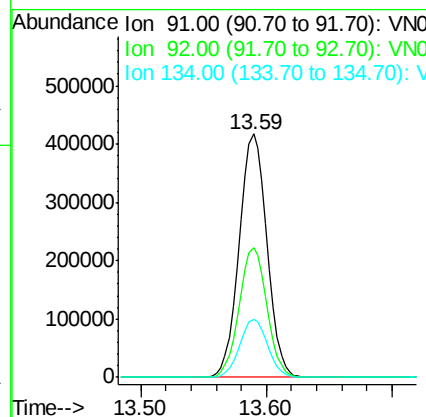
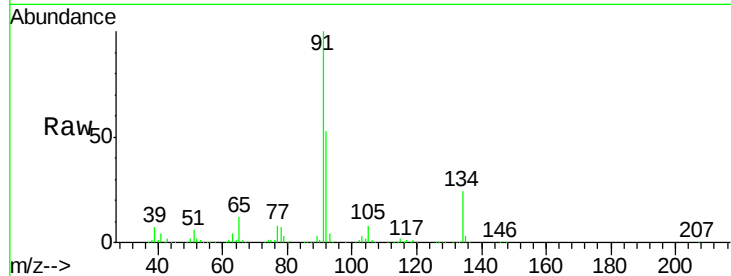
#89
n-Butylbenzene
Concen: 106.122 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
91	100	640738		
92	53.3	26.8	80.3	
134	23.9	11.9	35.5	

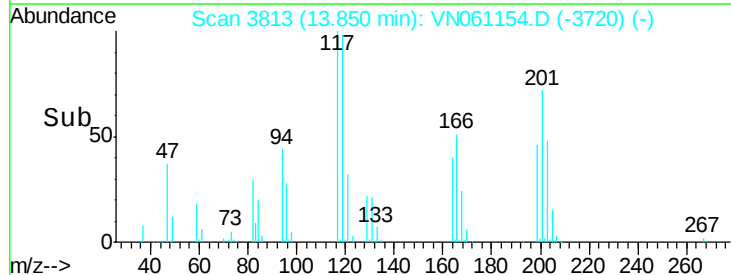
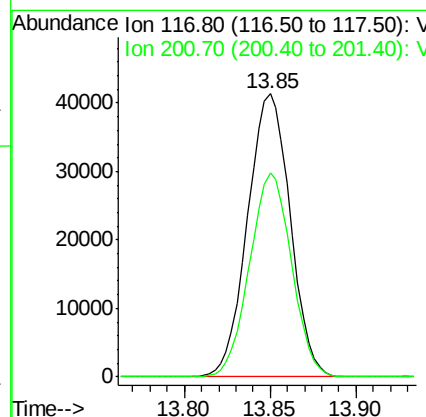
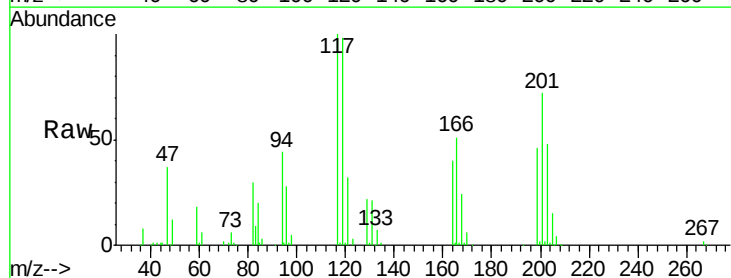
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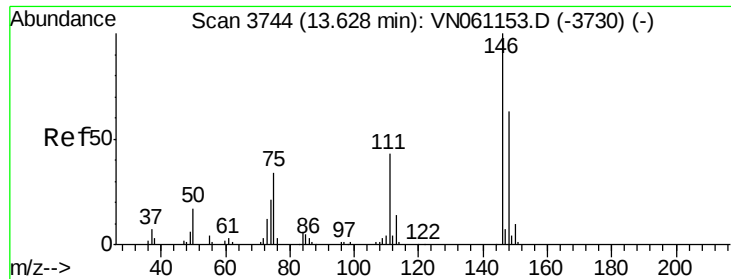
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#90
Hexachloroethane
Concen: 133.089 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	71040		
201	70.8	35.5	106.7	





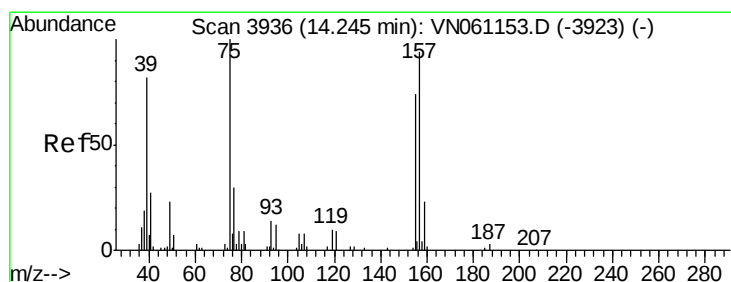
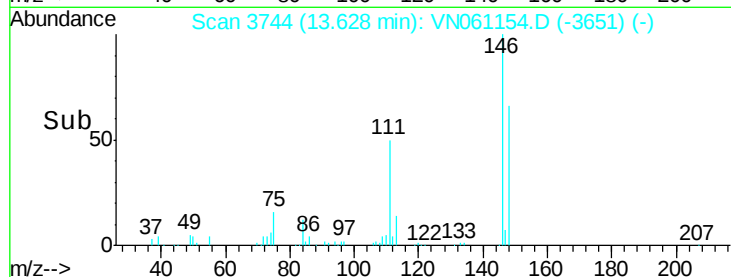
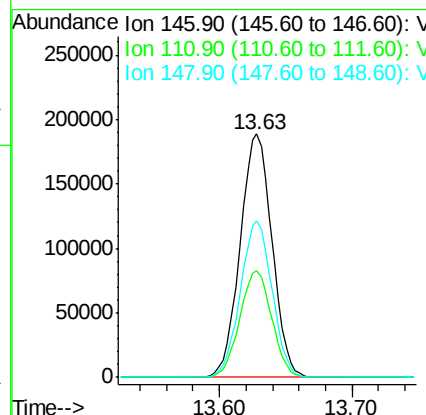
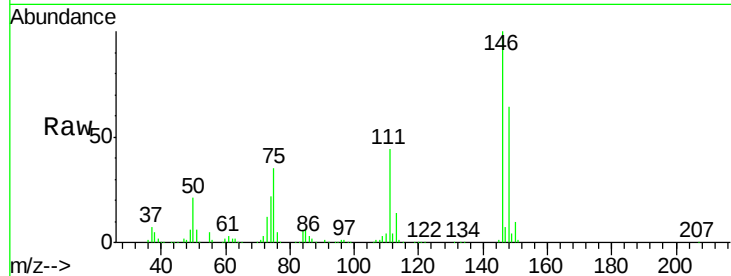
#91
 1,2-Dichlorobenzene
 Concen: 102.922 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.8	65.3
148	63.8	31.6	95.0

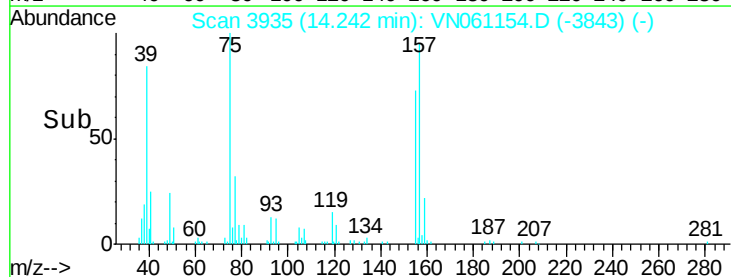
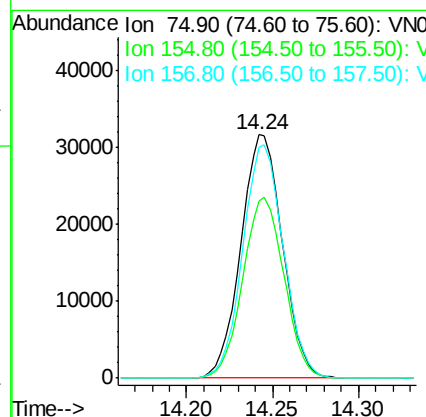
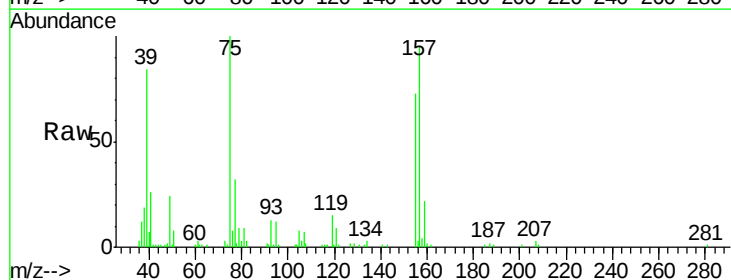
Manual Integrations
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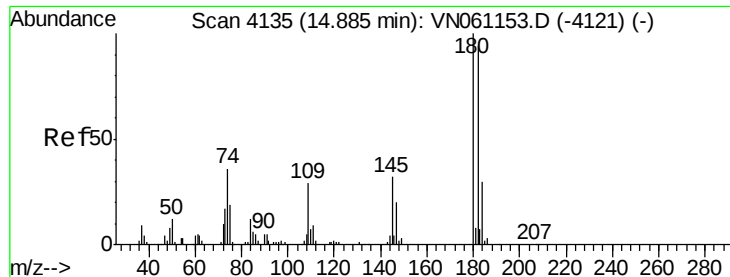
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 117.322 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.4	36.5	109.7
157	93.6	46.6	139.7





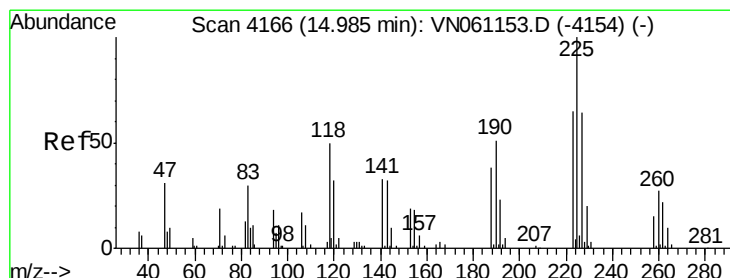
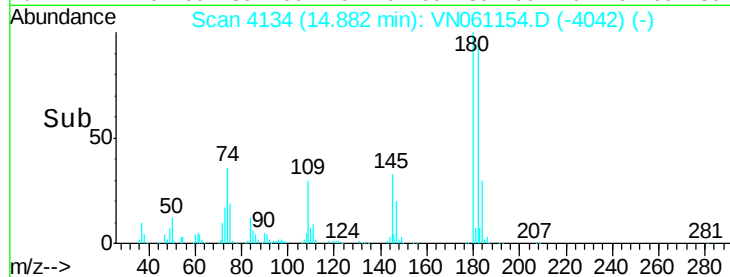
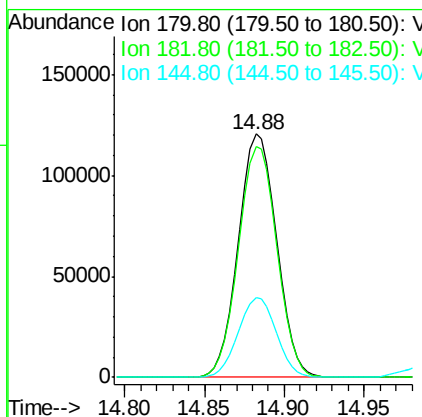
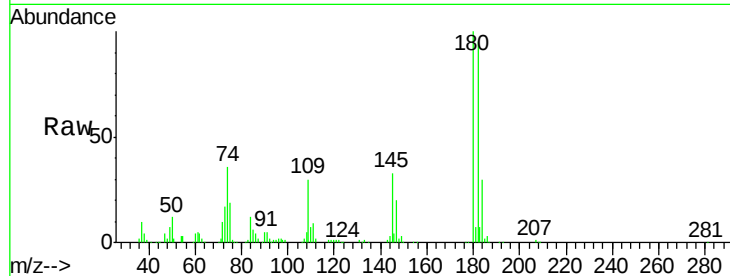
#93
 1,2,4-Trichlorobenzene
 Concen: 97.128 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	196868		
182	95.1	47.3	141.9	
145	32.5	16.0	47.9	

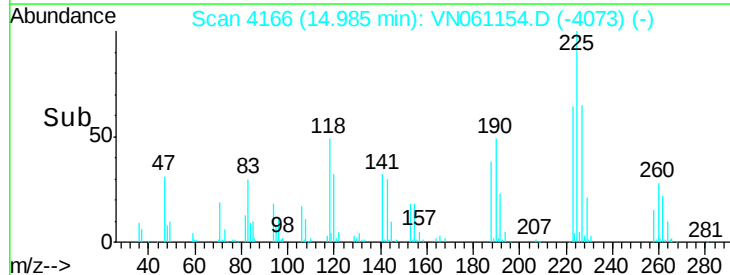
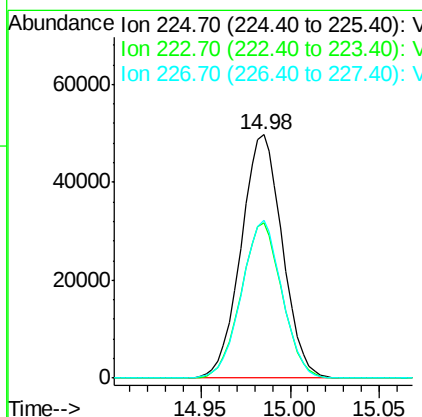
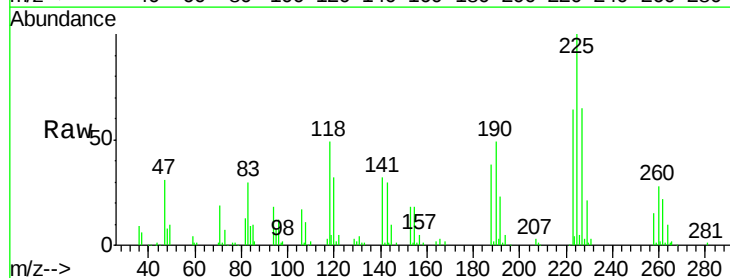
Manual Integrations
 APPROVED

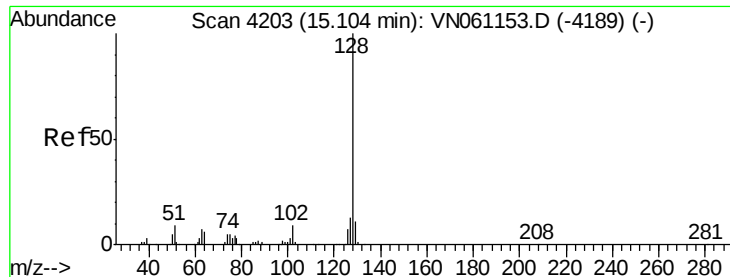
MMDadoda
 4/28/2020 8:14:41 PM



#94
 Hexachlorobutadiene
 Concen: 91.499 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80338		
223	63.2	32.4	97.0	
227	63.5	32.4	97.0	





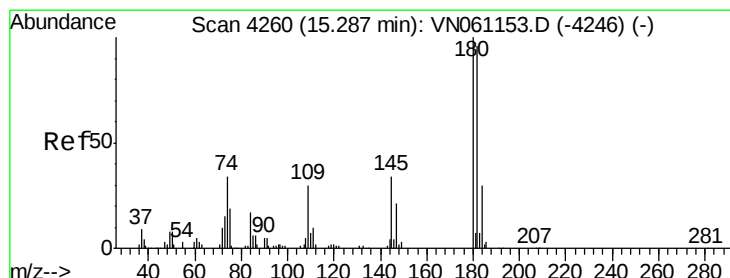
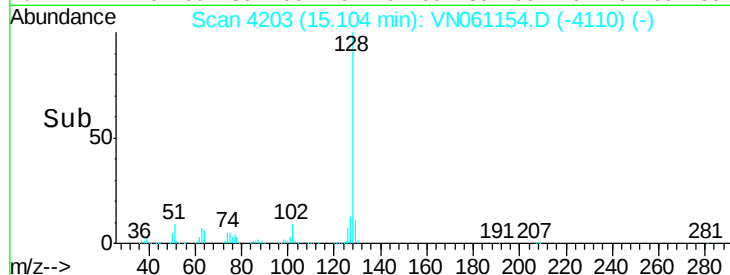
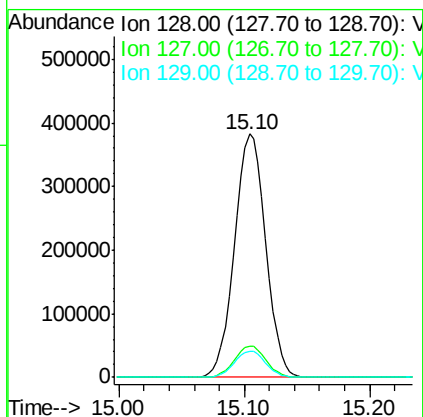
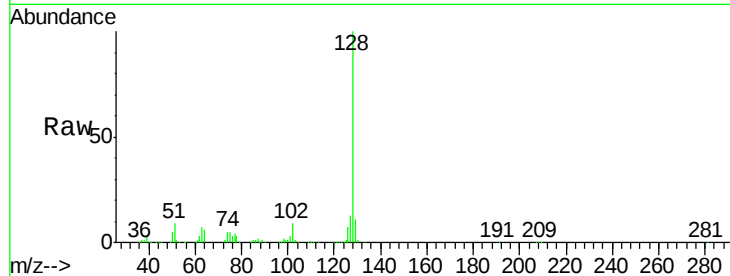
#95
Naphthalene
Concen: 104.603 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
128	100	659796		
127	12.9		10.4	15.6
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/28/2020 8:14:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 99.173 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	193552		
182	95.4		47.5	142.5
145	34.2		16.9	50.7

