

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061383.D
 Acq On : 11 May 2020 12:36
 Operator : JC/MD
 Sample : VN0511MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Manual Integrations
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sam
 5/12/2020 3:34:12 PM

Quant Time: May 12 08:57:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	92500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	155494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	146562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	68234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	77648	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.54	113	45665	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.06	98	198695	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.37	95	73454	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	17011	17.342	ug/l	99
3) Chloromethane	2.03	50	22963	19.329	ug/l	99
4) Vinyl Chloride	2.16	62	24400	18.083	ug/l	100
5) Bromomethane	2.54	94	10786	16.171	ug/l	99
6) Chloroethane	2.67	64	15341	17.938	ug/l	99
7) Trichlorofluoromethane	2.98	101	32052	21.055	ug/l	99
8) Diethyl Ether	3.37	74	13538	21.321	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	19384	19.765	ug/l	99
10) Methyl Iodide	3.91	142	19070	15.130	ug/l	99
11) Tert butyl alcohol	4.72	59	20481	104.460	ug/l	98
12) 1,1-Dichloroethene	3.69	96	17810	18.249	ug/l	99
13) Acrolein	3.56	56	8397	64.267	ug/l	98
14) Allyl chloride	4.27	41	39511	21.834	ug/l	97
15) Acrylonitrile	4.93	53	62983	104.646	ug/l	98
16) Acetone	3.77	43	59176	101.253	ug/l	98
17) Carbon Disulfide	4.01	76	39520	14.659	ug/l	97
18) Methyl Acetate	4.27	43	35954	19.875	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	72807	19.523	ug/l	99
20) Methylene Chloride	4.50	84	22335	19.570	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	19700	18.537	ug/l	99
22) Diisopropyl ether	5.90	45	86268	20.558	ug/l	95
23) Vinyl Acetate	5.84	43	332107	98.292	ug/l	100
24) 1,1-Dichloroethane	5.79	63	43322	19.759	ug/l	99
25) 2-Butanone	6.78	43	86227	99.560	ug/l	99
26) 2,2-Dichloropropane	6.77	77	35834	19.404	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	23766	19.057	ug/l	99
28) Bromochloromethane	7.15	49	24608	23.680	ug/l	96
29) Tetrahydrofuran	7.16	42	58391	100.086	ug/l	97
30) Chloroform	7.33	83	42916	19.316	ug/l	100
31) Cyclohexane	7.61	56	34247	16.084	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	35301	18.246	ug/l	99
36) 1,1-Dichloropropene	7.75	75	29175	18.743	ug/l	99
37) Ethyl Acetate	6.88	43	36849	20.193	ug/l	99
38) Carbon Tetrachloride	7.73	117	26792	20.289	ug/l	99

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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)
39) Methylcyclohexane	9.05	83	27637	15.832	ug/l	98
40) Benzene	8.00	78	89545	19.309	ug/l	100
41) Methacrylonitrile	7.12	41	17003	22.441	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	36216	20.615	ug/l	100
43) Isopropyl Acetate	8.12	43	59769	19.736	ug/l	100
44) Trichloroethene	8.80	130	22178	17.691	ug/l	99
45) 1,2-Dichloropropane	9.08	63	25314	20.432	ug/l	98
46) Dibromomethane	9.17	93	15674	20.433	ug/l	99
47) Bromodichloromethane	9.37	83	34089	20.704	ug/l	98
48) Methyl methacrylate	9.17	41	26407	19.323	ug/l	99
49) 1,4-Dioxane	9.17	88	6776	436.803	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	183588	102.988	ug/l	99
52) Toluene	10.12	92	54065	19.356	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	36225	19.526	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	38846	19.805	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	22518	20.211	ug/l	97
56) Ethyl methacrylate	10.40	69	32662	18.633	ug/l	98
57) 1,3-Dichloropropane	10.68	76	40648	20.756	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	84784	94.012	ug/l	98
59) 2-Hexanone	10.72	43	129875	100.144	ug/l	100
60) Dibromochloromethane	10.87	129	23352	20.012	ug/l	100
61) 1,2-Dibromoethane	10.98	107	21835	19.553	ug/l	99
64) Tetrachloroethene	10.60	164	21010	16.551	ug/l	99
65) Chlorobenzene	11.41	112	55474	19.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	20797	19.987	ug/l	99
67) Ethyl Benzene	11.48	91	99555	18.292	ug/l	100
68) m/p-Xylenes	11.59	106	72818	36.554	ug/l	98
69) o-Xylene	11.92	106	34075	17.807	ug/l	97
70) Styrene	11.94	104	59138	18.465	ug/l	99
71) Bromoform	12.10	173	15297	20.003	ug/l #	100
73) Isopropylbenzene	12.22	105	93429	18.625	ug/l	100
74) N-amyl acetate	12.04	43	47204	18.584	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	33424	21.369	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	32492m	22.587	ug/l	
77) Bromobenzene	12.50	156	22286	19.246	ug/l	94
78) n-propylbenzene	12.56	91	112156	18.850	ug/l	99
79) 2-Chlorotoluene	12.65	91	67571	19.322	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	78328	18.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	11074	19.549	ug/l	96
82) 4-Chlorotoluene	12.75	91	71010	19.266	ug/l	98
83) tert-Butylbenzene	12.97	119	63822	18.231	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	79465	18.578	ug/l	99
85) sec-Butylbenzene	13.15	105	85746	17.965	ug/l	98
86) p-Isopropyltoluene	13.26	119	75227	17.494	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	41572	19.502	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	41795	19.189	ug/l	98
89) n-Butylbenzene	13.59	91	68004	17.250	ug/l	99
90) Hexachloroethane	13.85	117	10600	27.654	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	40310	19.721	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	6453	19.534	ug/l	99

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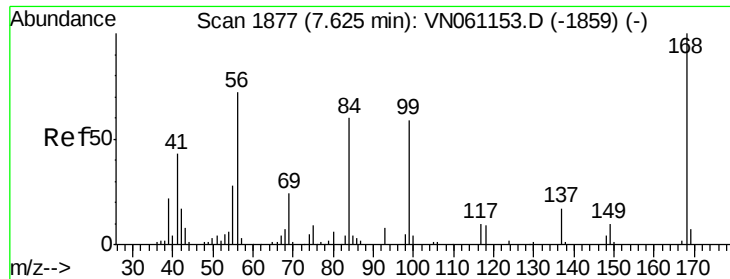
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	22390	17.989	ug/l	100
94) Hexachlorobutadiene	14.99	225	10482	20.158	ug/l	98
95) Naphthalene	15.11	128	68380	16.869	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	22353	18.190	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0511MBS01

Tot Ion:168 Resp: 92500

Ion Ratio Lower Upper

168 100

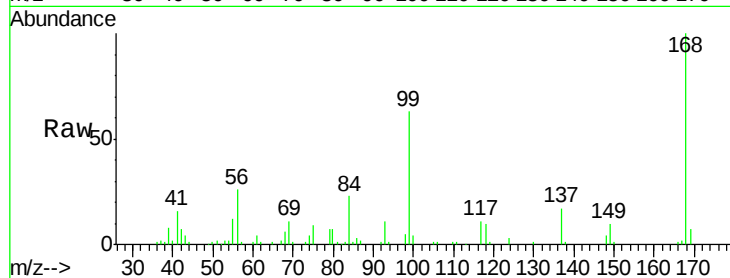
99 62.5 51.2 76.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

40000

30000

20000

10000

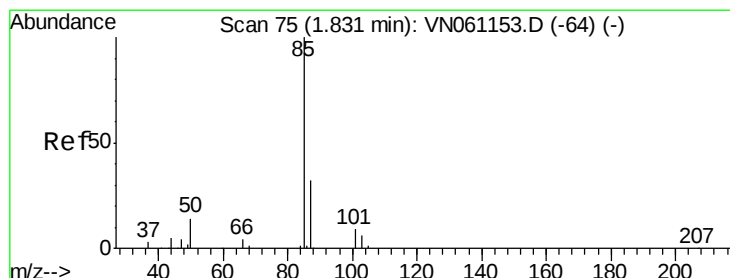
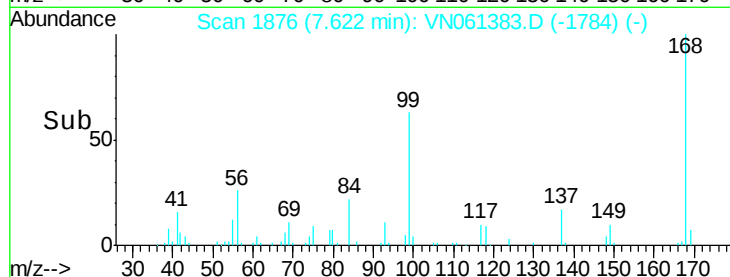
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.342 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061383.D

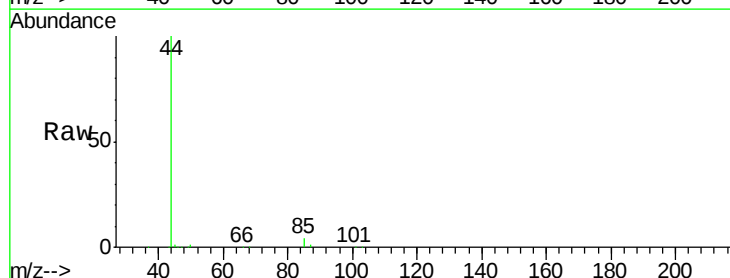
Acq: 11 May 2020 12:36

Tgt Ion: 85 Resp: 17011

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

10000

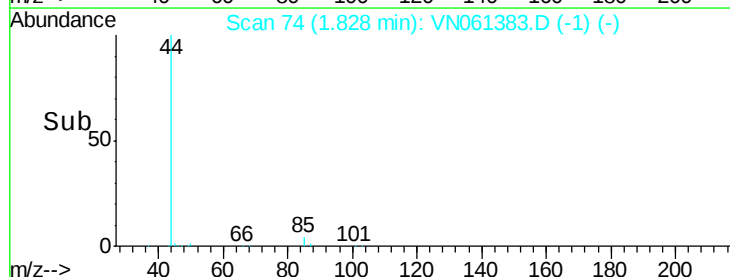
5000

0

1.80

1.85

Time-->





#3

Chloromethane

Concen: 19.329 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0511MBS01

Tot Ion: 50 Resp: 22963

Ion Ratio Lower Upper

50 100

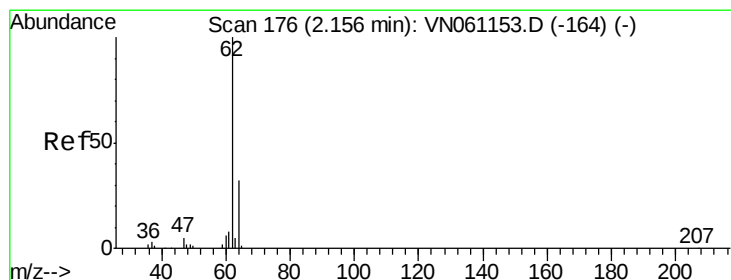
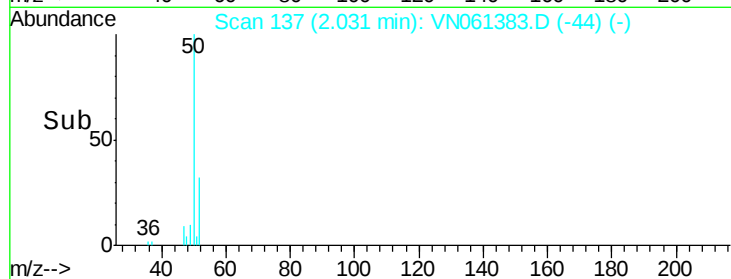
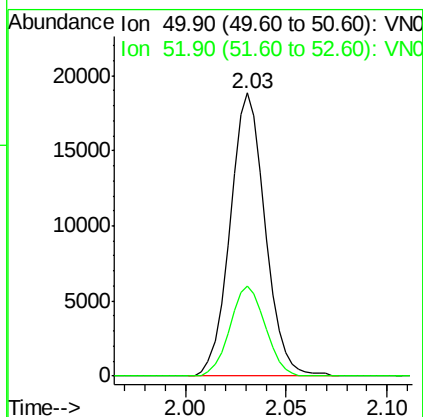
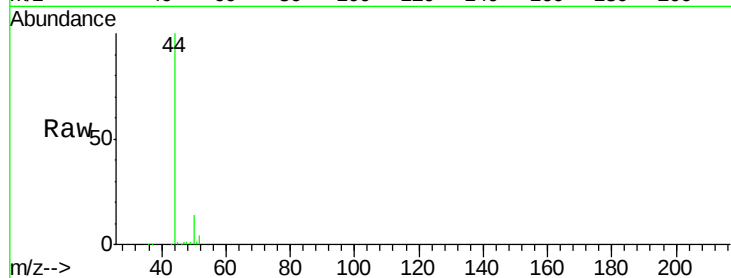
52 31.8 26.0 39.0

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#4

Vinyl Chloride

Concen: 18.083 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061383.D

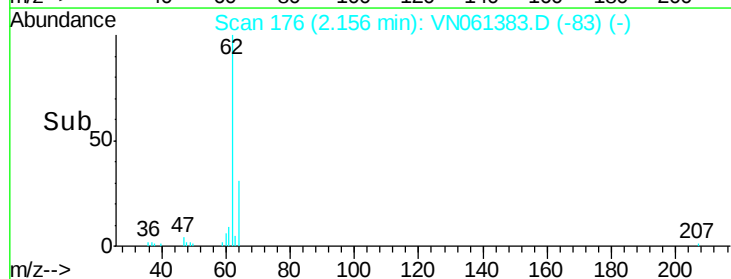
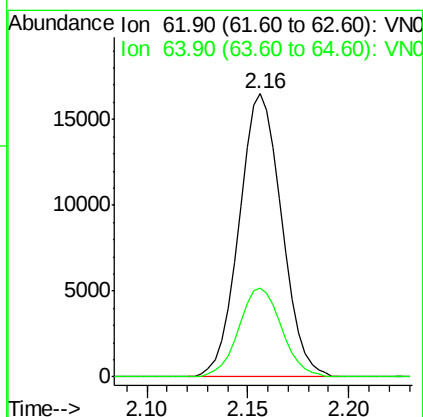
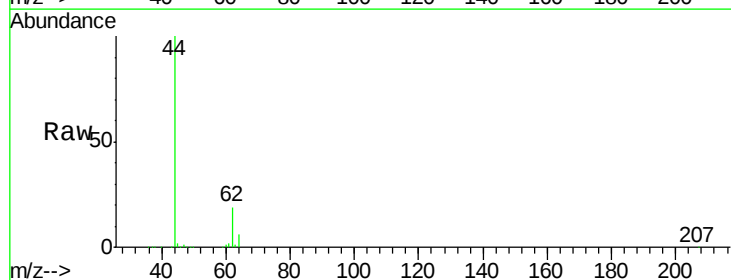
Acq: 11 May 2020 12:36

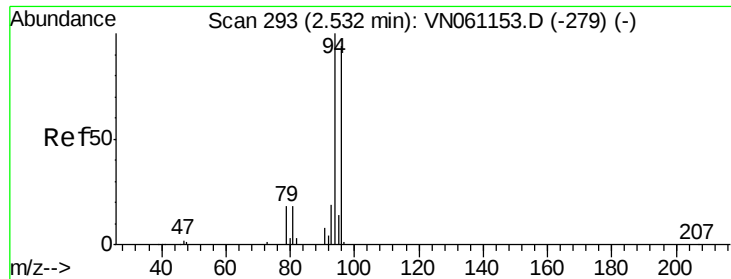
Tgt Ion: 62 Resp: 24400

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 16.171 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0511MBS01

Tot Ion: 94 Resp: 10786

Ion Ratio Lower Upper

94 100

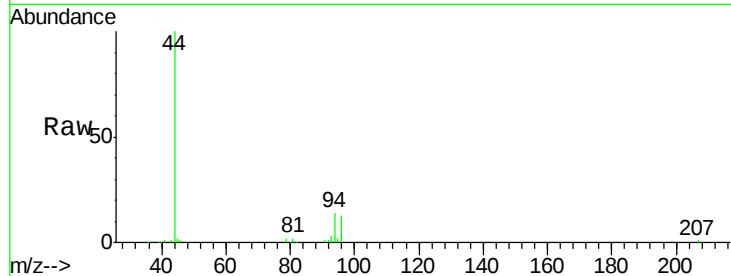
96 92.8 75.1 112.7

Manual Integrations

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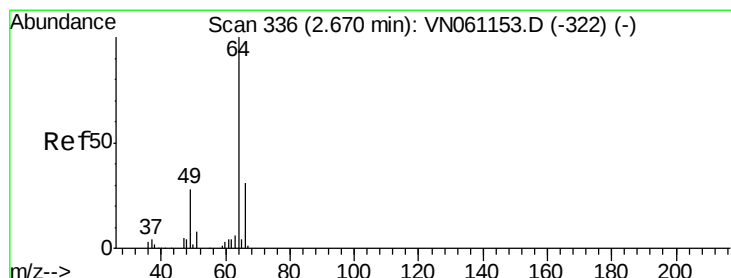
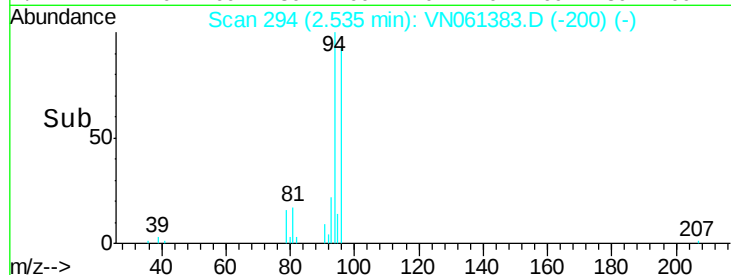
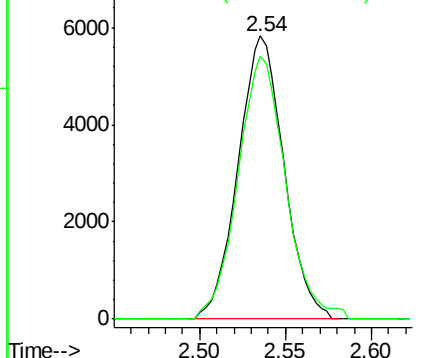
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.938 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061383.D

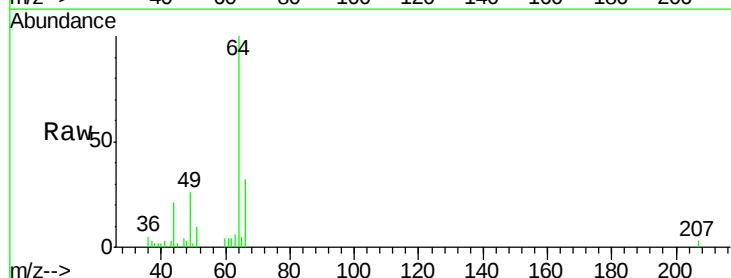
Acq: 11 May 2020 12:36

Tgt Ion: 64 Resp: 15341

Ion Ratio Lower Upper

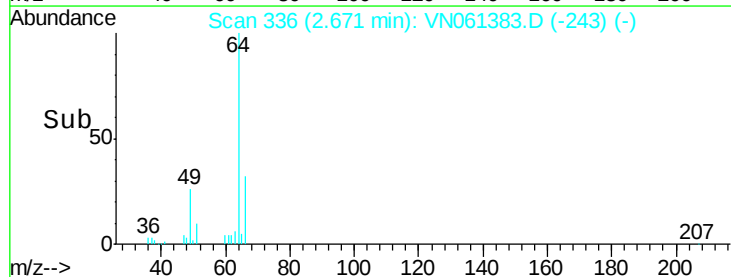
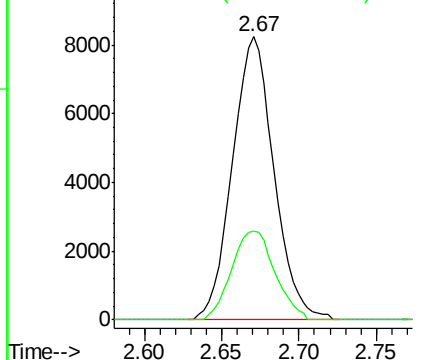
64 100

66 31.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

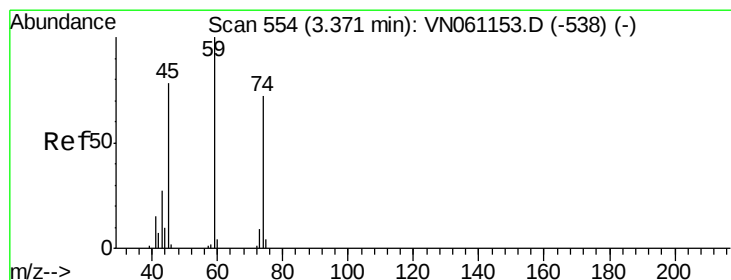
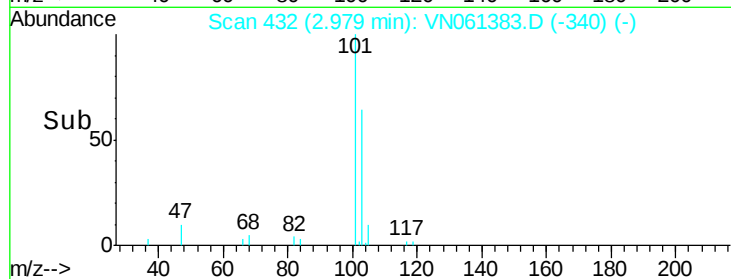
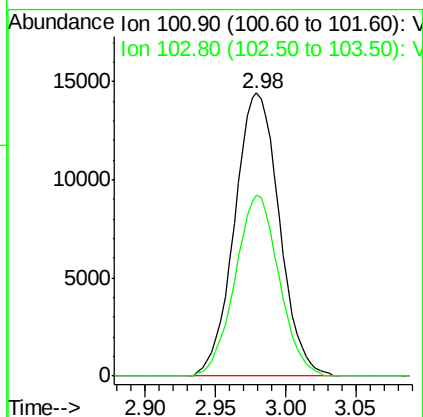
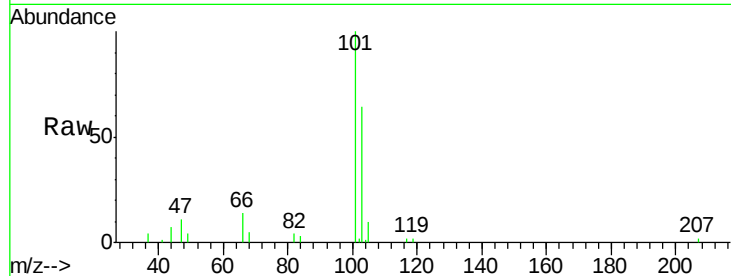
Trichlorofluoromethane
 Concen: 21.055 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

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 VN0511MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.6	76.0

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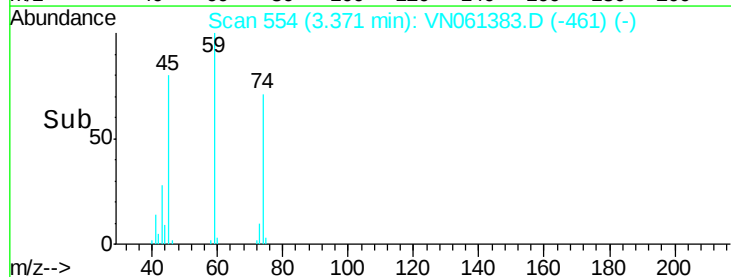
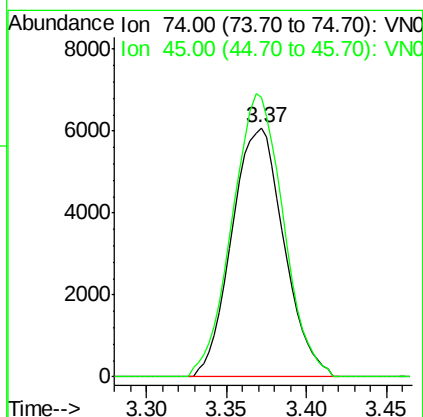
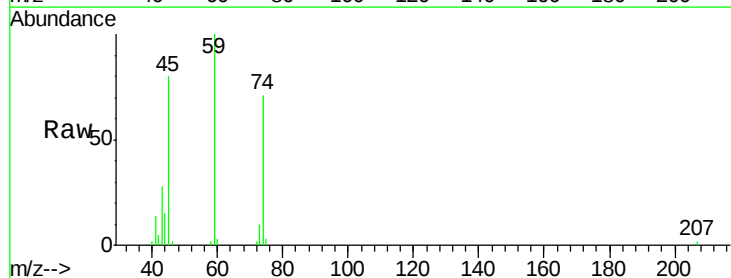
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#8

Diethyl Ether
 Concen: 21.321 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.5	53.3	160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.765 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

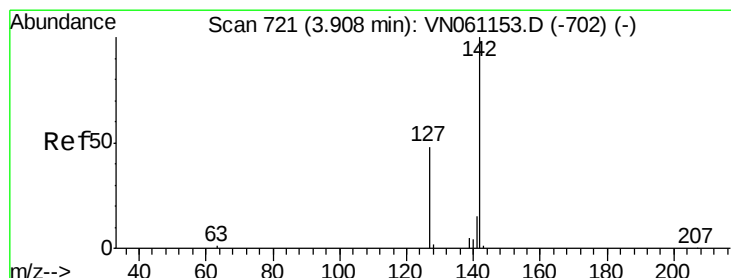
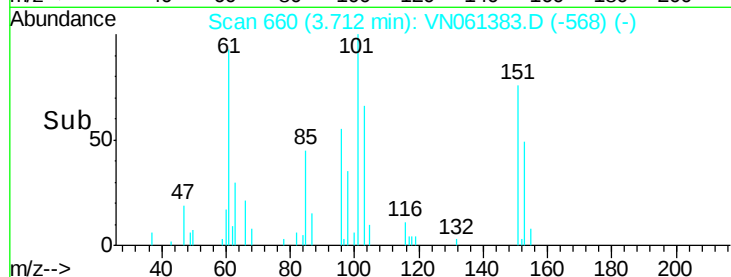
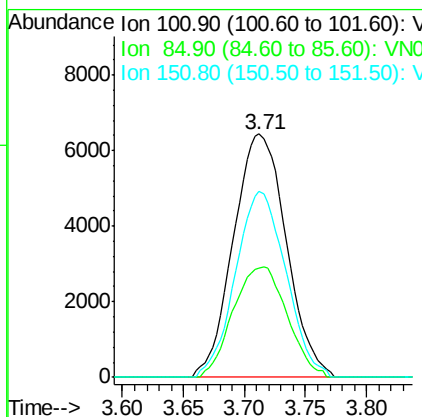
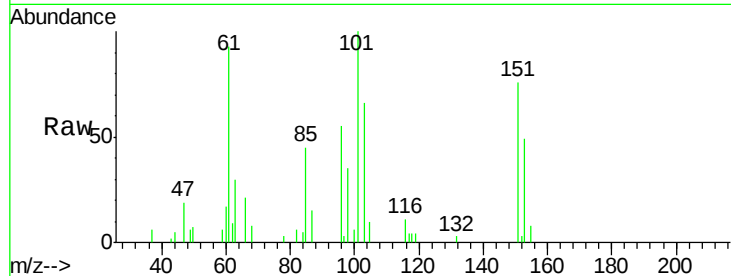
ClientSampleId :

VN0511MBS01

Tot Ion:	101	Resp:	19384
Ion Ratio	Lower	Upper	
101	100		
85	46.2	37.2	55.8
151	72.7	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 15.130 ug/l

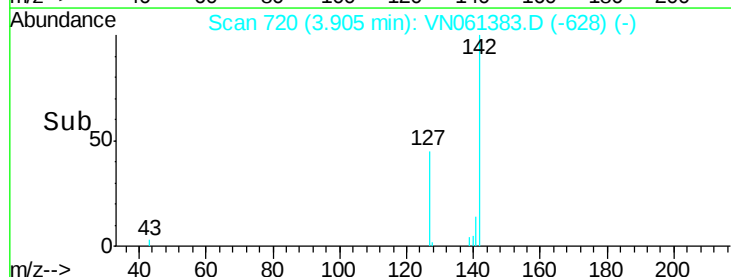
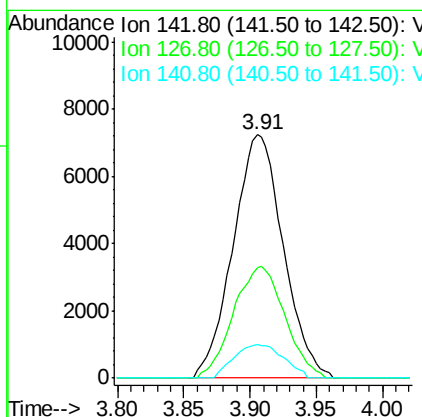
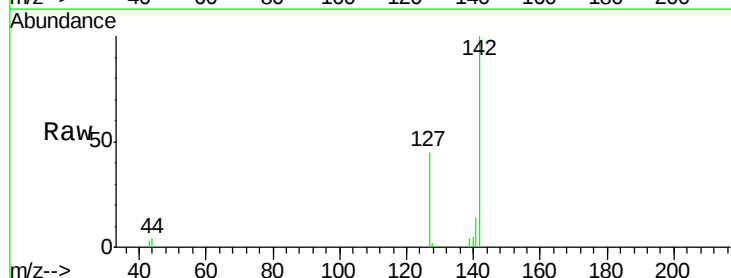
RT: 3.91 min Scan# 720

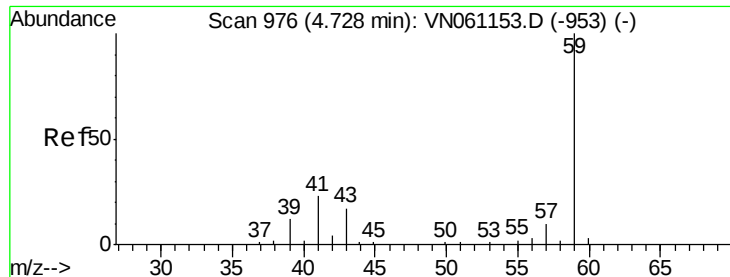
Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Tgt Ion:	142	Resp:	19070
Ion Ratio	Lower	Upper	
142	100		
127	46.9	38.0	57.0
141	13.6	11.7	17.5





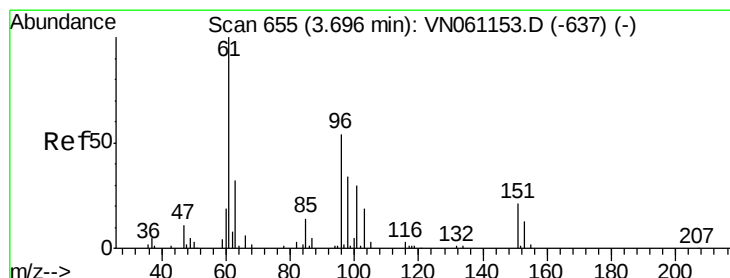
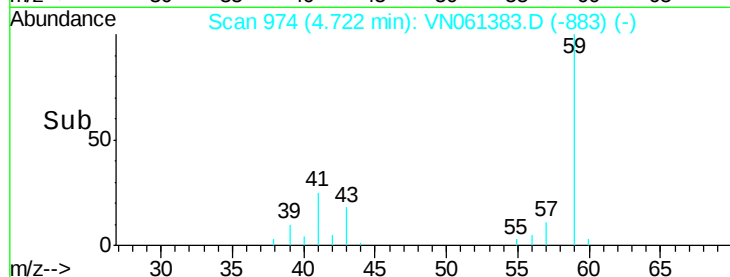
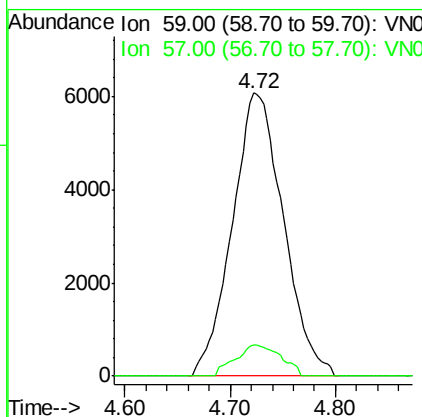
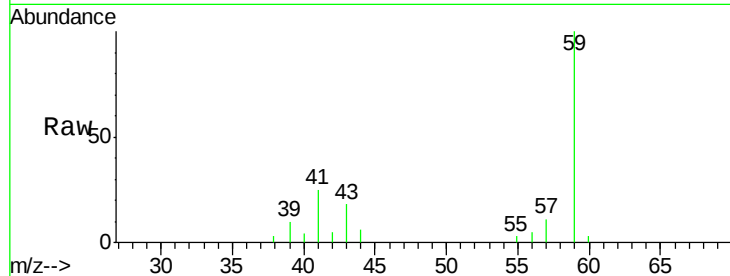
#11
Tert butyl alcohol
Concen: 104.460 ug/l
RT: 4.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	20481		
57	9.8		8.3	12.5

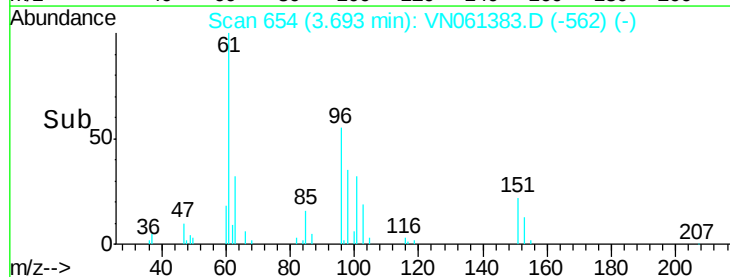
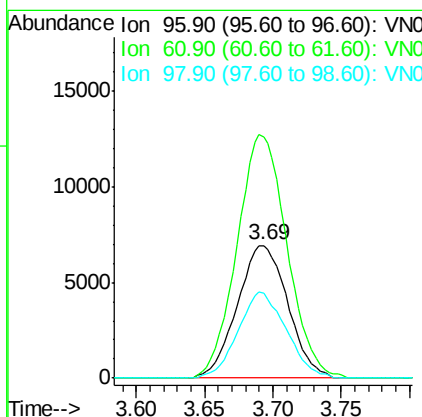
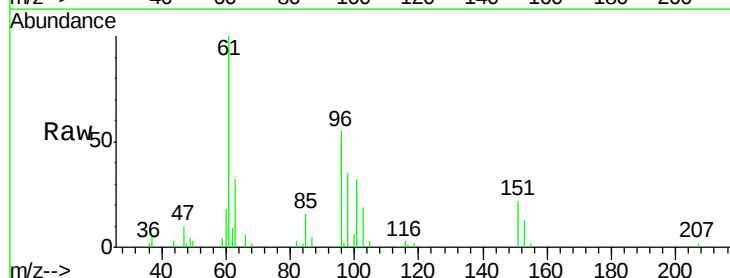
Manual Integrations
APPROVED

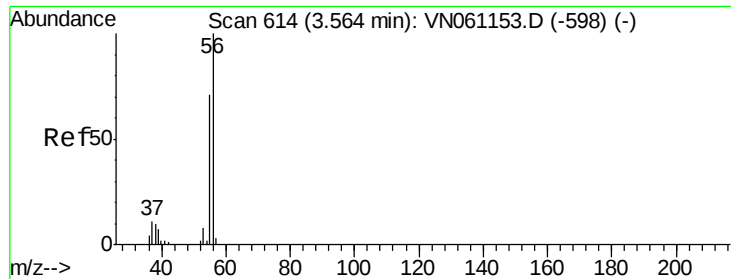
sam
5/12/2020 3:34:12 PM



#12
1,1-Dichloroethene
Concen: 18.249 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	17810		
61	182.3		147.0	220.6
98	63.7		49.8	74.6





#13

Acrolein

Concen: 64.267 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0511MBS01

Tot Ion: 56 Resp: 8397

Ion Ratio Lower Upper

56 100

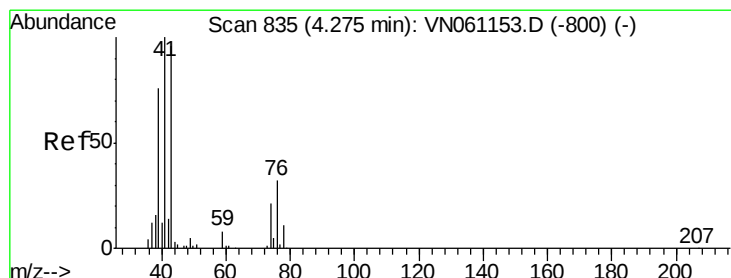
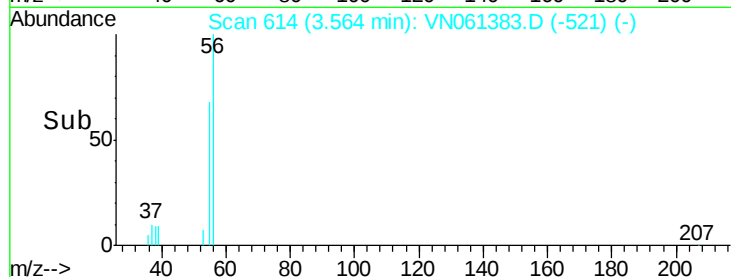
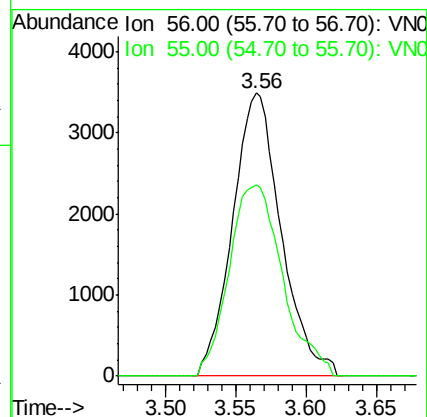
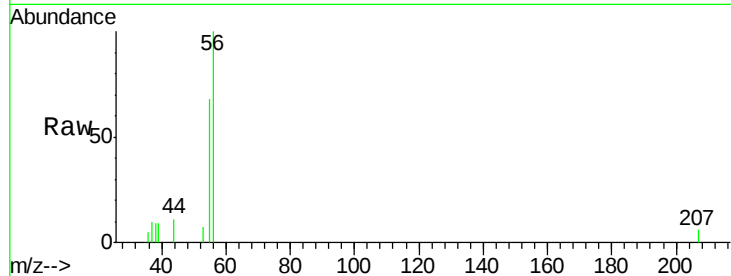
55 74.5 58.5 87.7

Manual Integrations

APPROVED

sam

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#14

Allyl chloride

Concen: 21.834 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

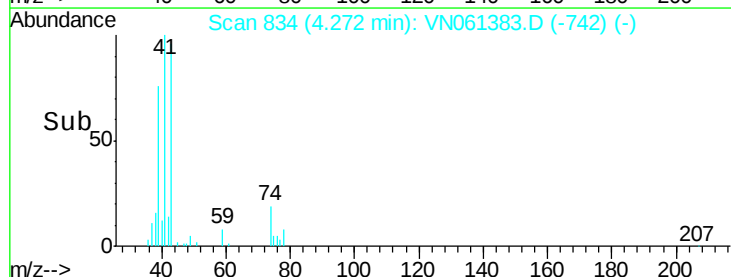
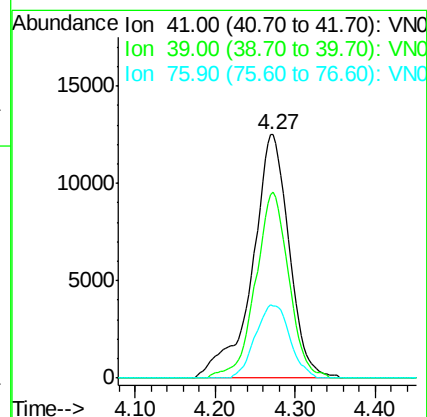
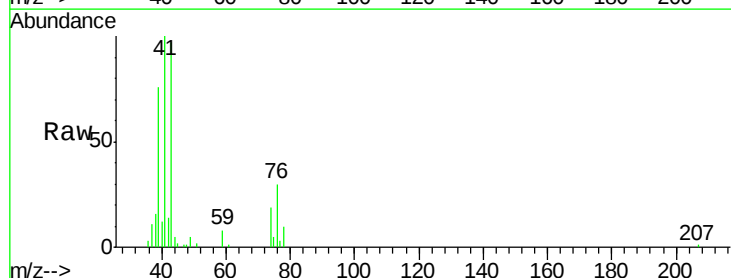
Tgt Ion: 41 Resp: 39511

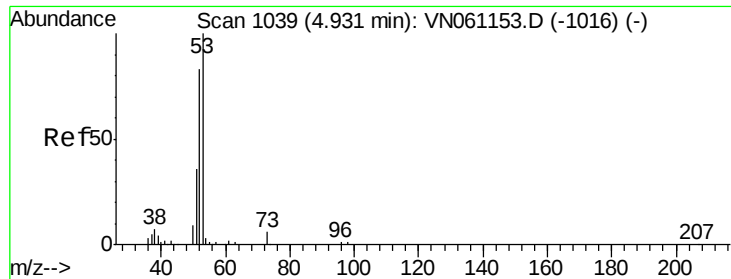
Ion Ratio Lower Upper

41 100

39 69.1 57.1 85.7

76 28.0 24.3 36.5





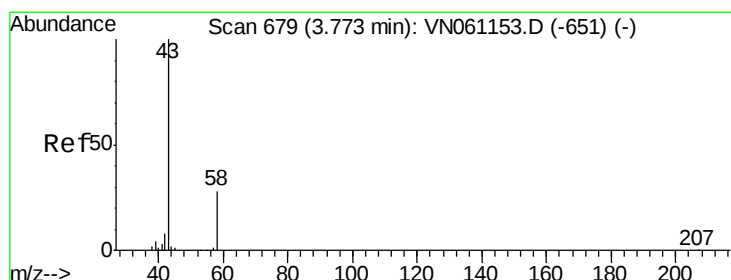
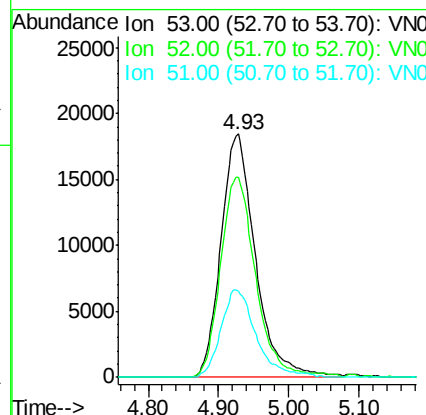
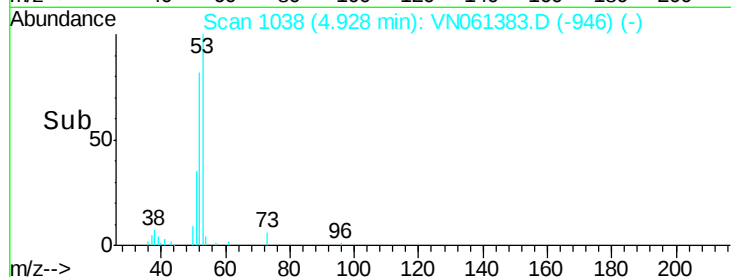
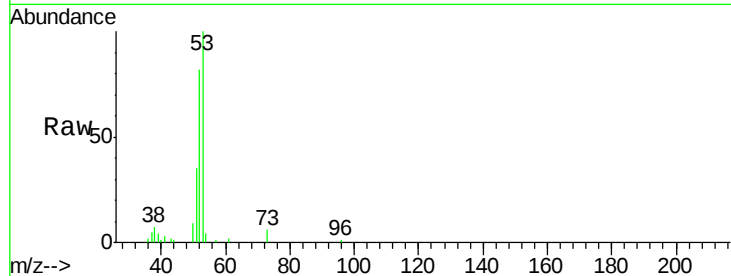
#15
 Acrylonitrile
 Concen: 104.646 ug/l
 RT: 4.93 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.4	98.0
51	36.2	29.5	44.3

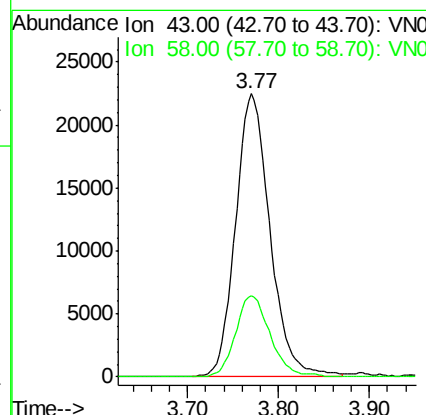
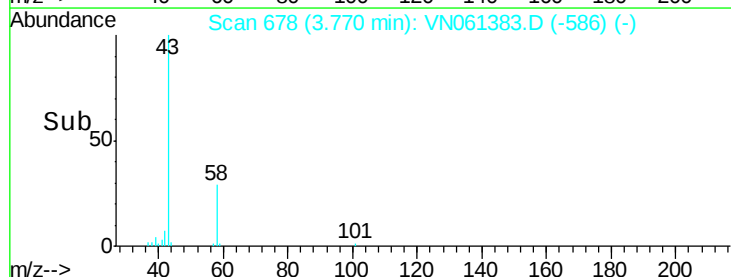
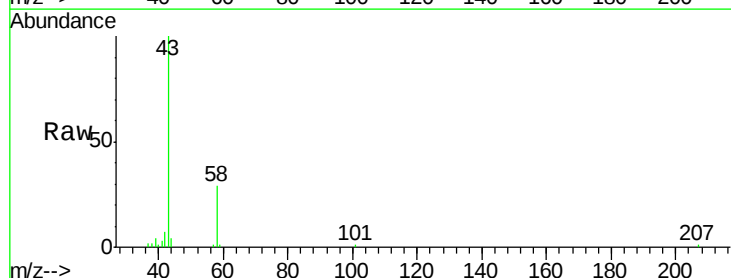
Manual Integrations
 APPROVED

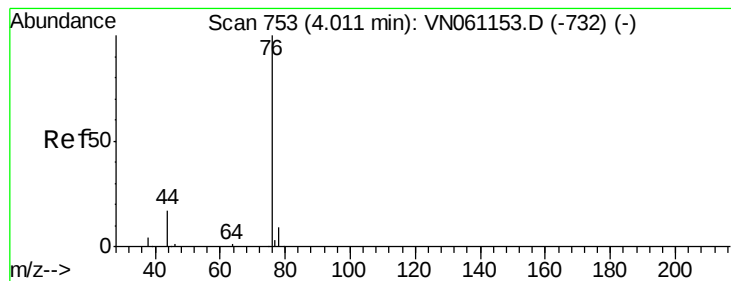
sam
 5/12/2020 3:34:12 PM



#16
 Acetone
 Concen: 101.253 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.2	33.2





#17

Carbon Disulfide

Concen: 14.659 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0511MBS01

Tot Ion: 76 Resp: 39520

Ion Ratio Lower Upper

76 100

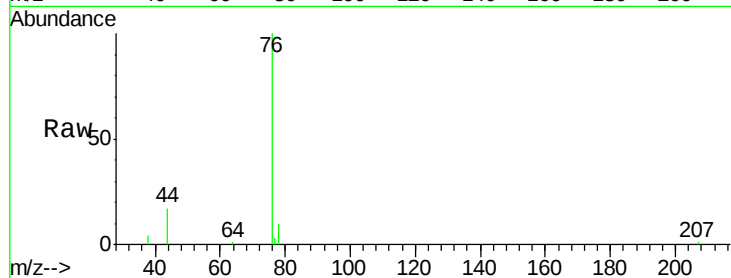
78 9.9 7.2 10.8

Manual Integrations

APPROVED

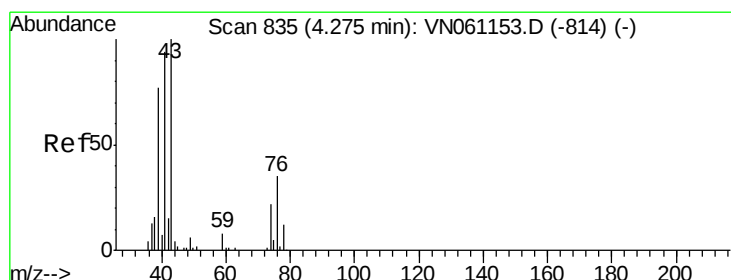
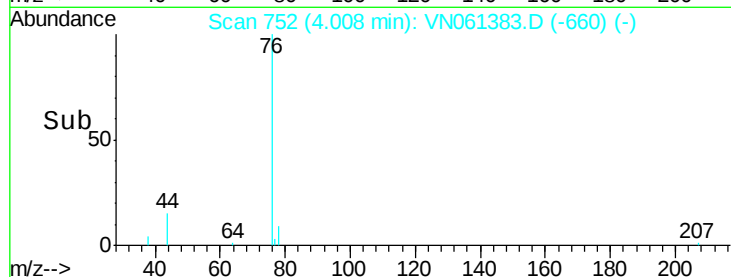
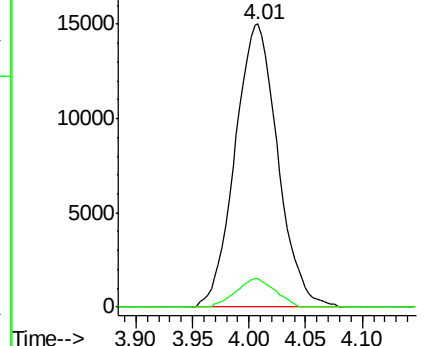
sam

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 19.875 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061383.D

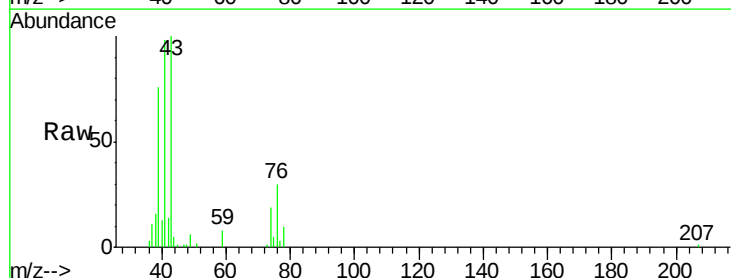
Acq: 11 May 2020 12:36

Tgt Ion: 43 Resp: 35954

Ion Ratio Lower Upper

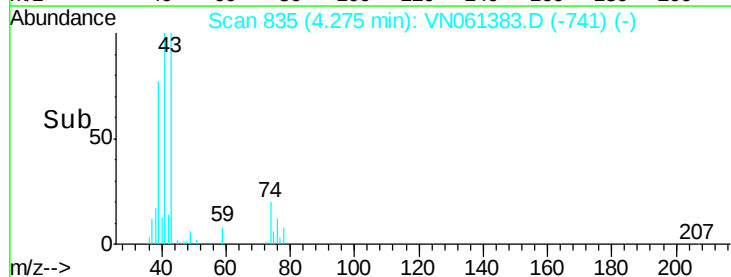
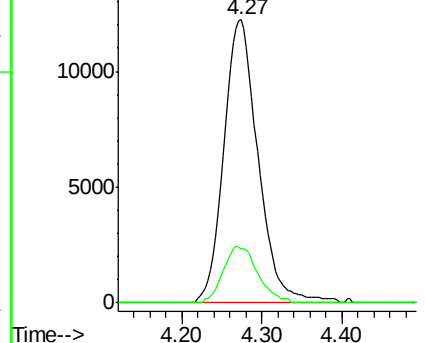
43 100

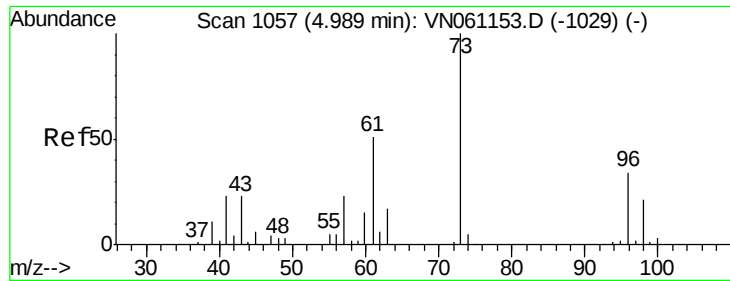
74 20.1 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





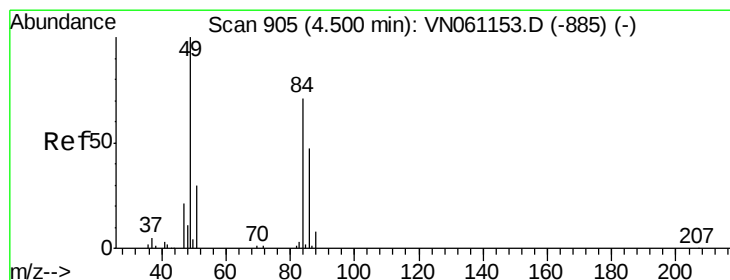
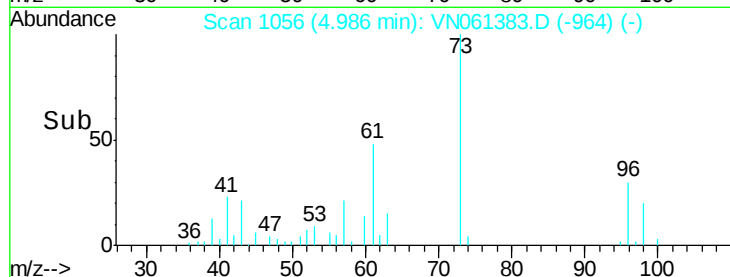
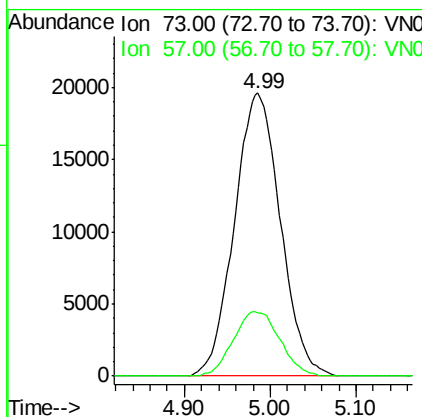
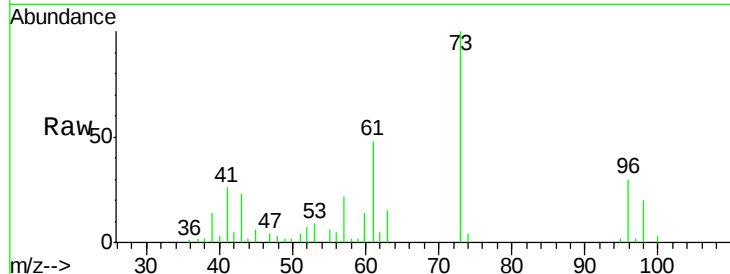
#19
Methvl tert-butvl Ether
Concen: 19.523 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion: 73 Resp: 72807
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5

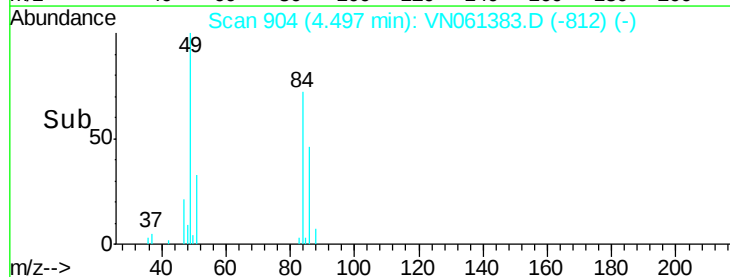
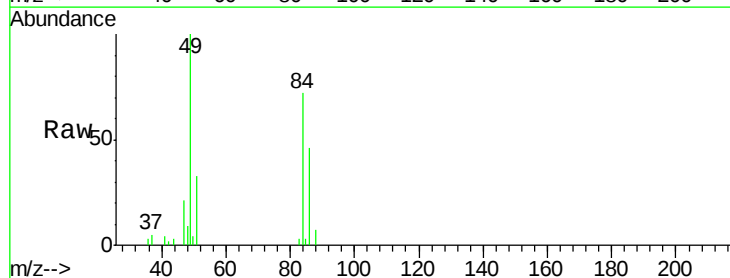
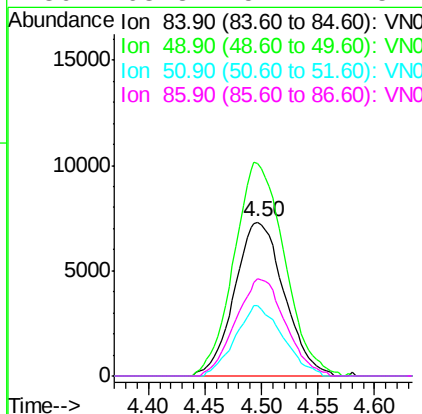
Manual Integrations
APPROVED

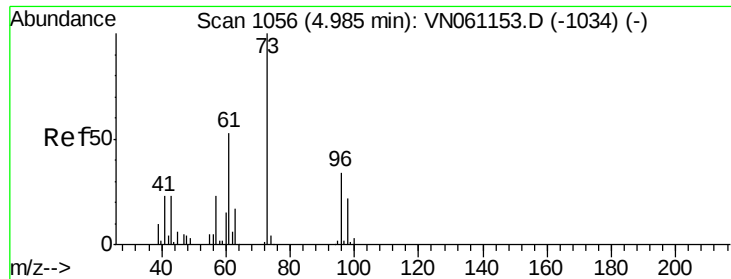
sam
5/12/2020 3:34:12 PM



#20
Methylene Chloride
Concen: 19.570 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion: 84 Resp: 22335
Ion Ratio Lower Upper
84 100
49 138.5 112.0 168.0
51 45.7 33.6 50.4
86 63.3 52.1 78.1





#21

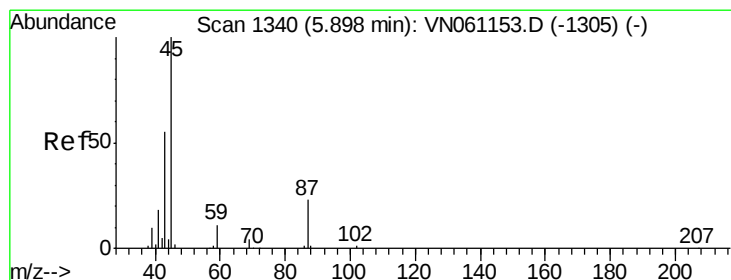
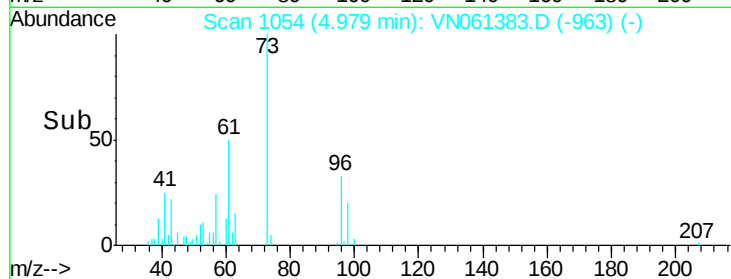
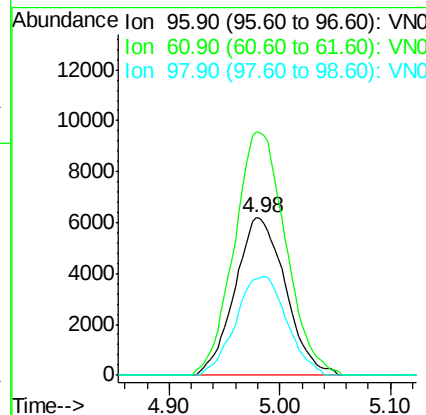
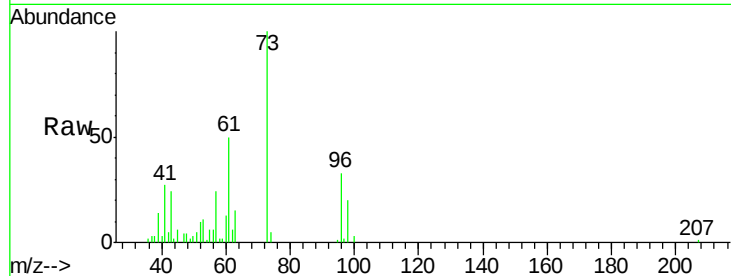
trans-1,2-Dichloroethene
Concen: 18.537 ug/l
RT: 4.98 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.3	123.0	184.4
98	61.0	50.1	75.1

Manual Integrations
APPROVED

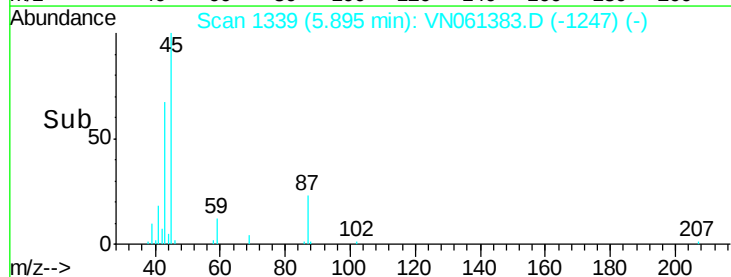
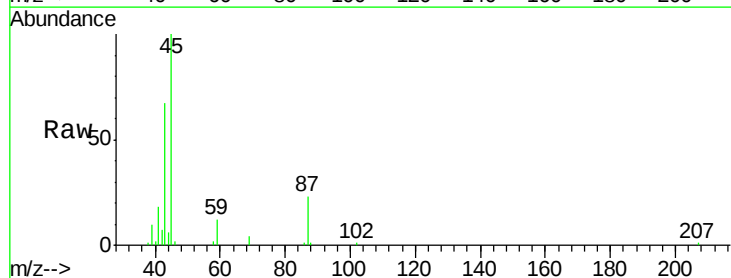
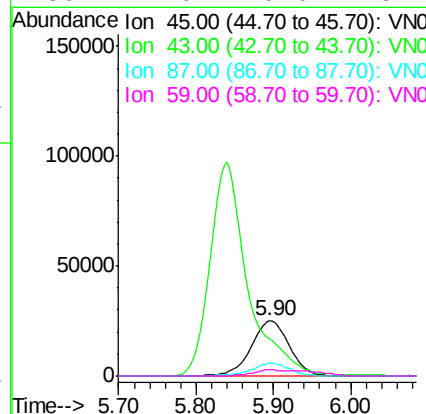
sam
5/12/2020 3:34:12 PM



#22

Diisopropyl ether
Concen: 20.558 ug/l
RT: 5.90 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.5	47.9	71.9
87	22.6	19.2	28.8
59	12.0	9.0	13.4





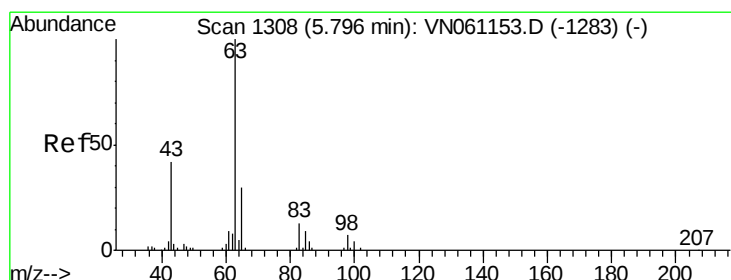
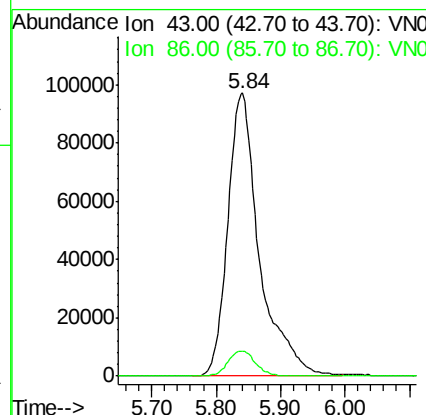
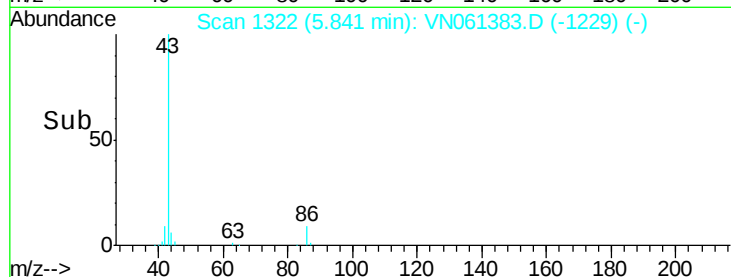
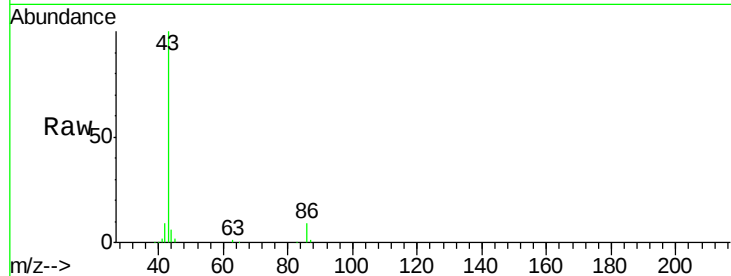
#23
 Vinyl Acetate
 Concen: 98.292 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0511MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	8.8	7.2	10.8

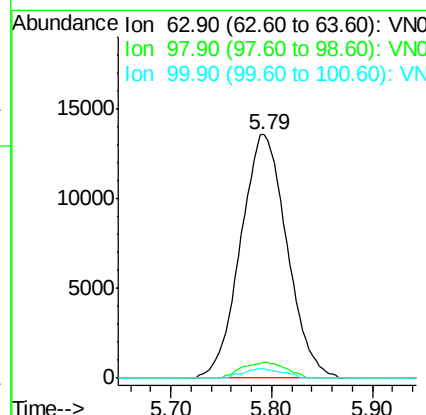
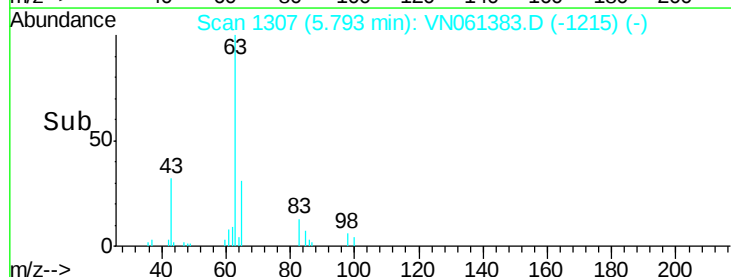
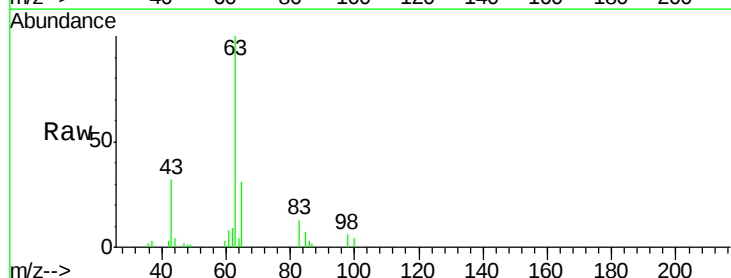
Manual Integrations
 APPROVED

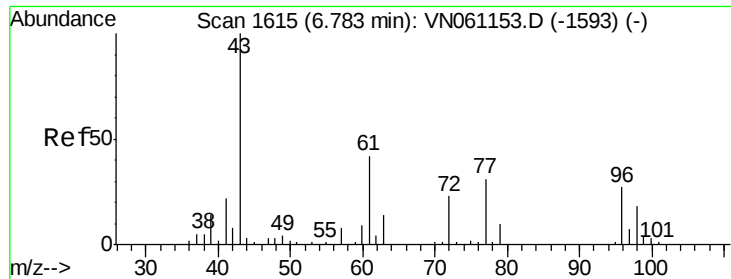
sam
 5/12/2020 3:34:12 PM



#24
 1,1-Dichloroethane
 Concen: 19.759 ug/l
 RT: 5.79 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.3	9.9
100	3.9	1.9	5.7





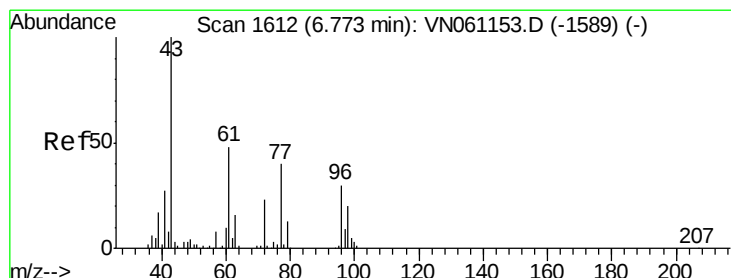
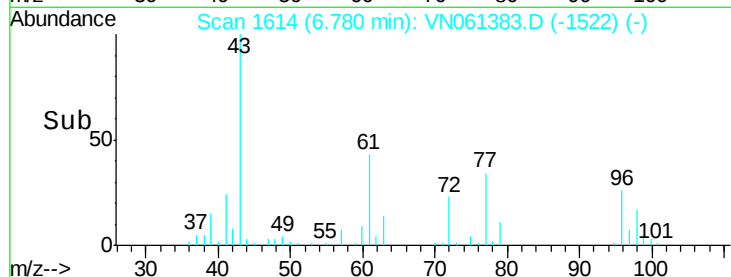
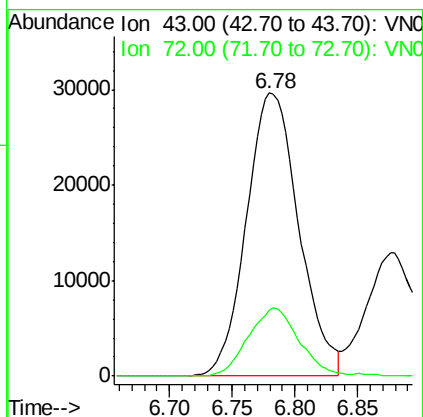
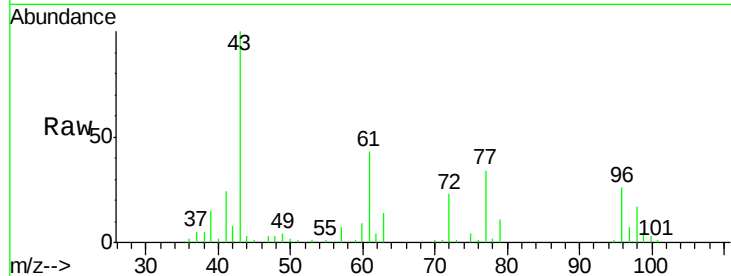
#25
2-Butanone
Concen: 99.560 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion: 43 Resp: 86227
Ion Ratio Lower Upper
43 100
72 23.4 18.2 27.4

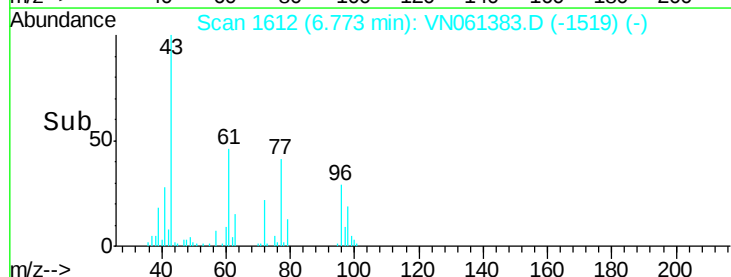
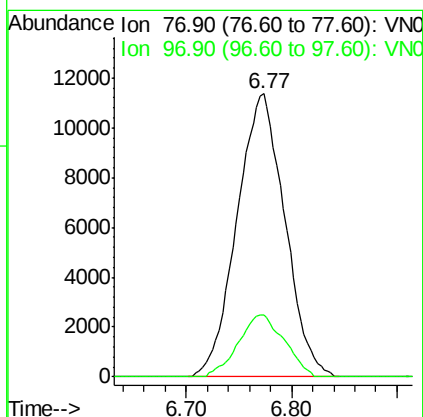
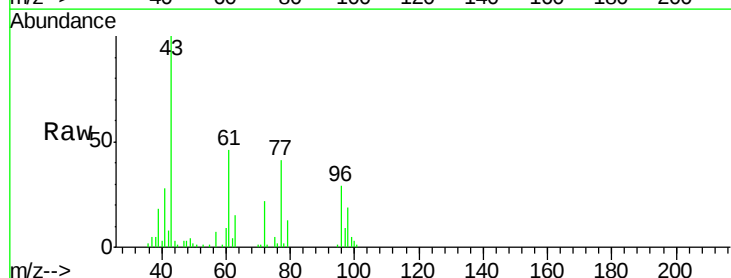
Manual Integrations
APPROVED

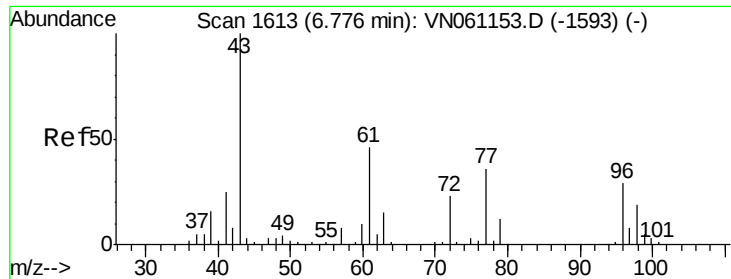
sam
5/12/2020 3:34:12 PM



#26
2,2-Dichloropropane
Concen: 19.404 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion: 77 Resp: 35834
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 19.057 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

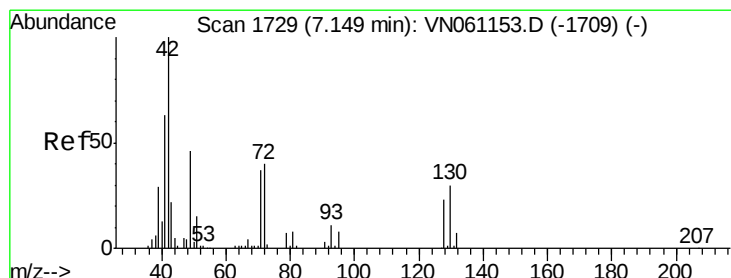
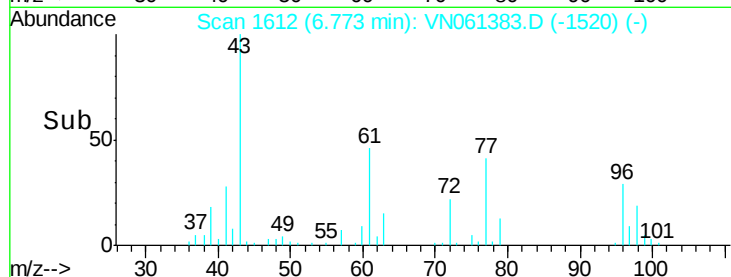
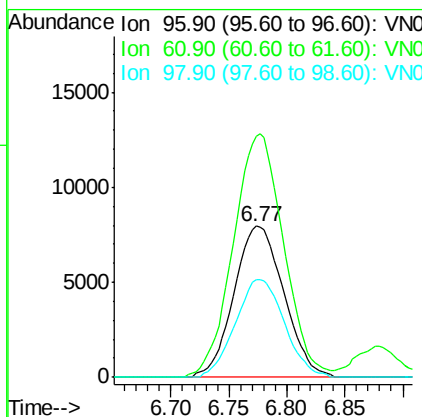
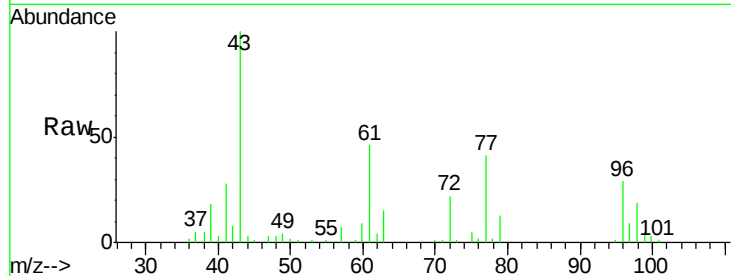
ClientSampleId :

VN0511MBS01

Tot Ion:	96	Resp:	23766
Ion	Ratio	Lower	Upper
96	100		
61	162.2	0.0	322.0
98	63.6	0.0	129.6

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#28

Bromochloromethane

Concen: 23.680 ug/l

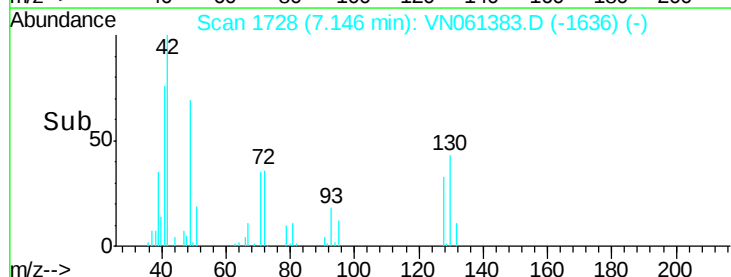
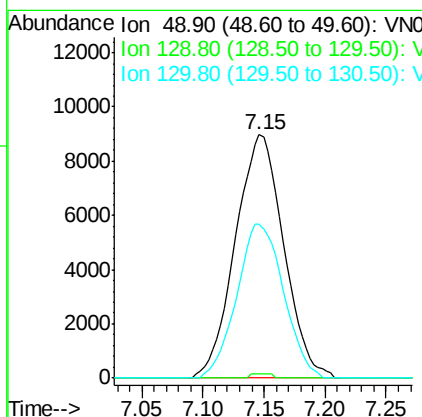
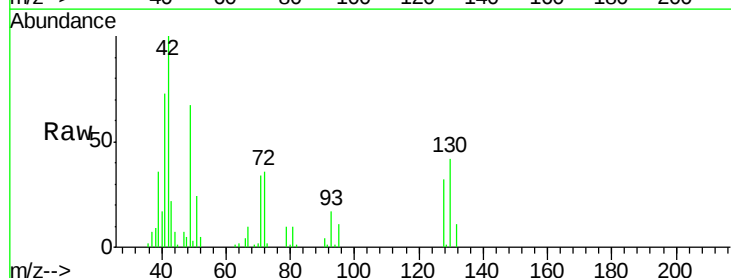
RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Tgt Ion:	49	Resp:	24608
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.0
130	61.2	51.4	77.2





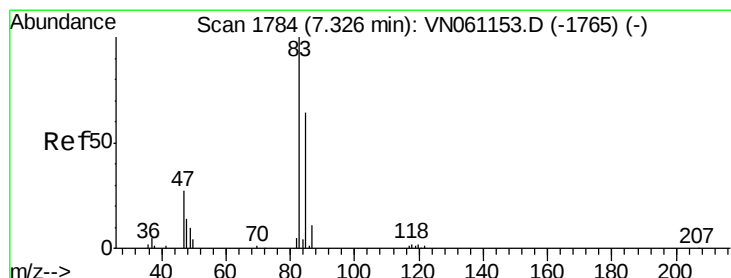
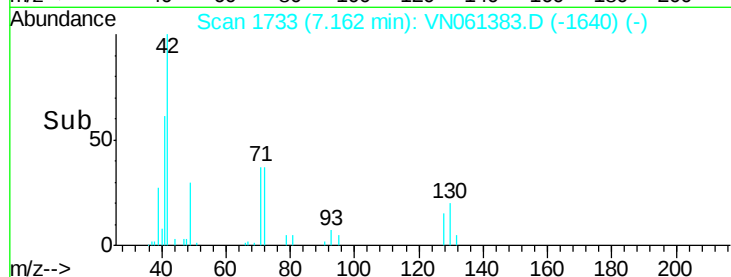
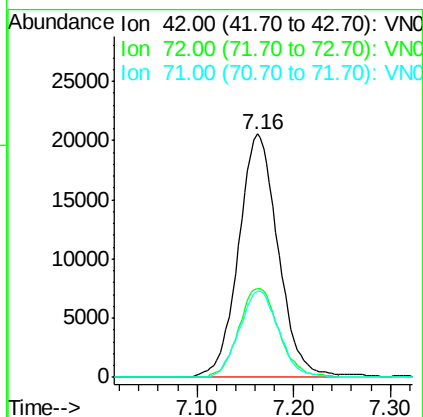
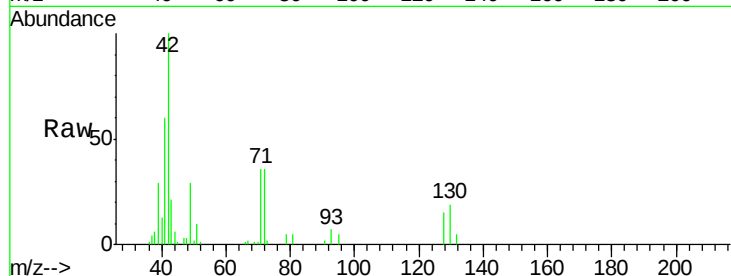
#29
Tetrahydrofuran
Concen: 100.086 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.1	31.4	47.0
71	35.3	29.5	44.3

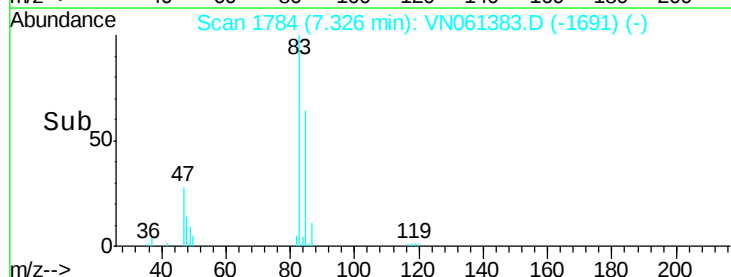
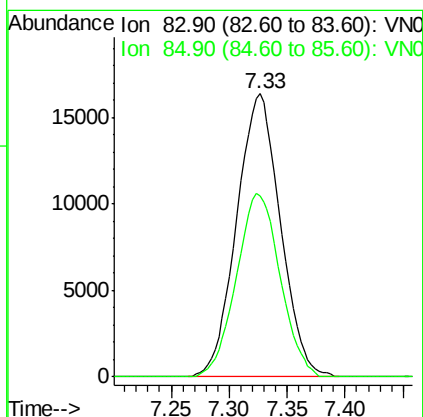
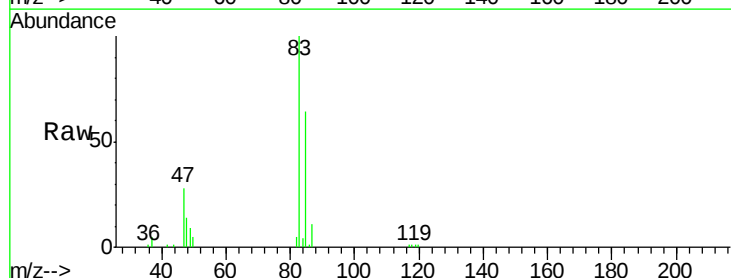
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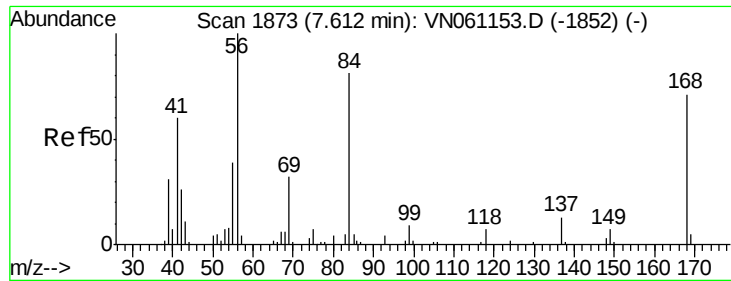
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#30
Chloroform
Concen: 19.316 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.1	76.7





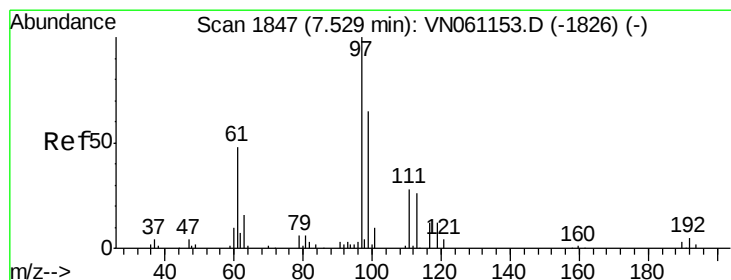
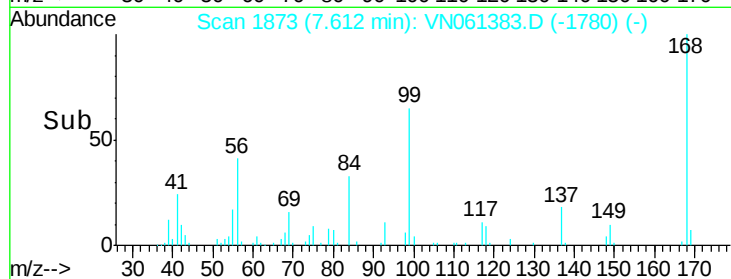
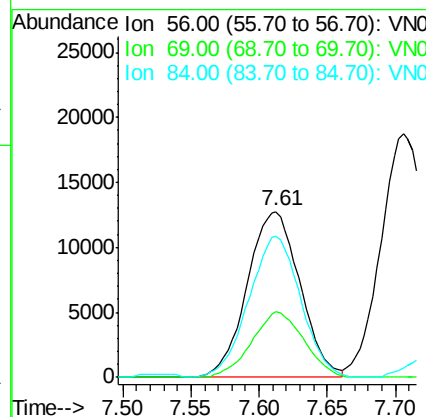
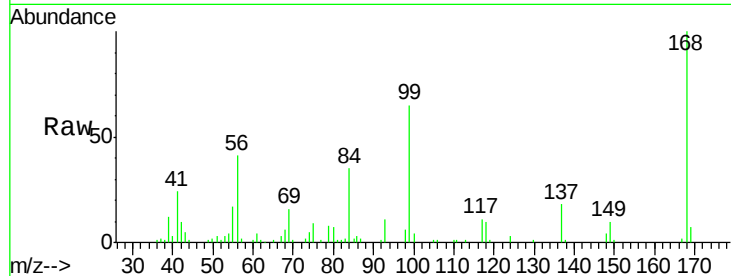
#31
Cyclohexane
Concen: 16.084 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.5	25.7	38.5#
84	85.1	64.6	97.0

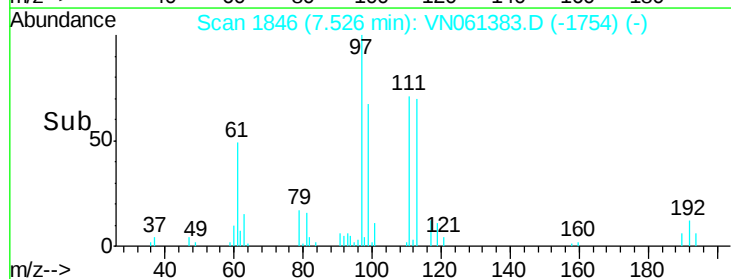
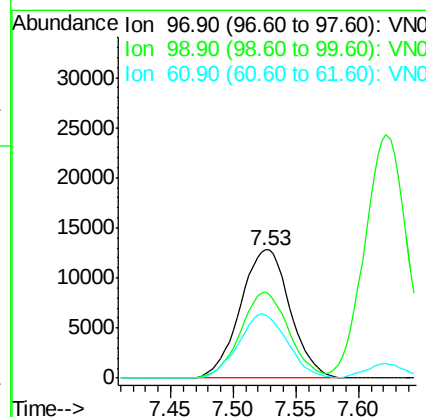
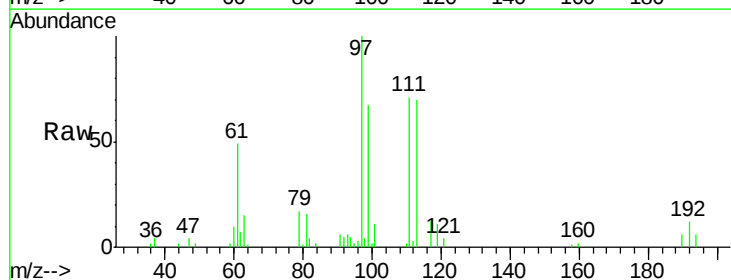
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#32
1,1,1-Trichloroethane
Concen: 18.246 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.3	76.9
61	48.9	38.6	57.8





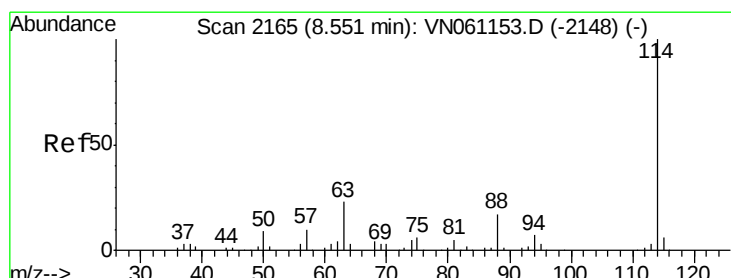
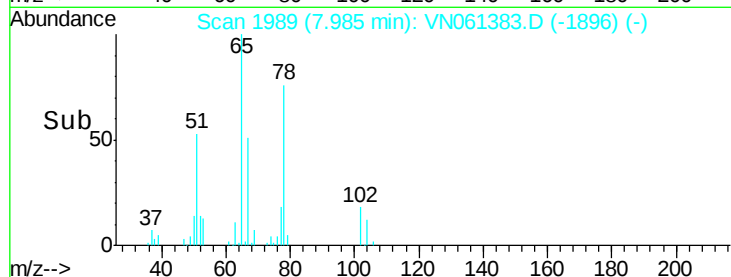
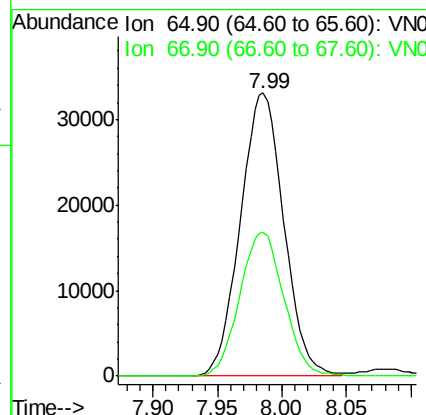
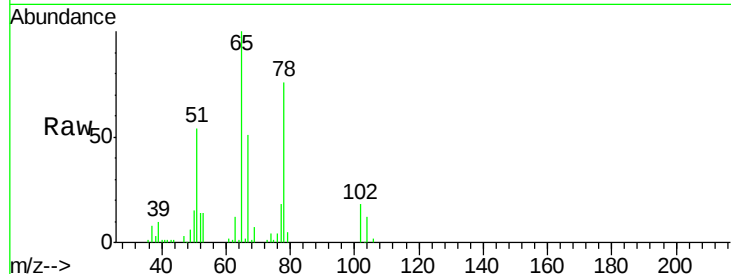
#33
 1,2-Dichloroethane-d4
 Concen: 53.051 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.6

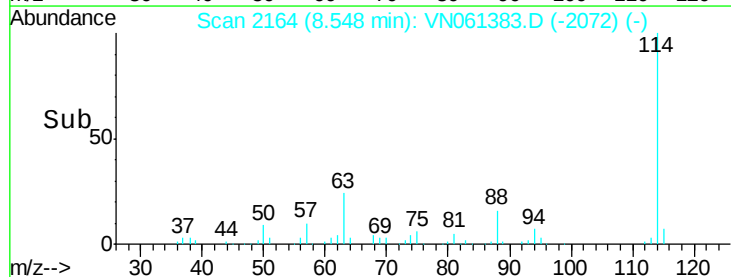
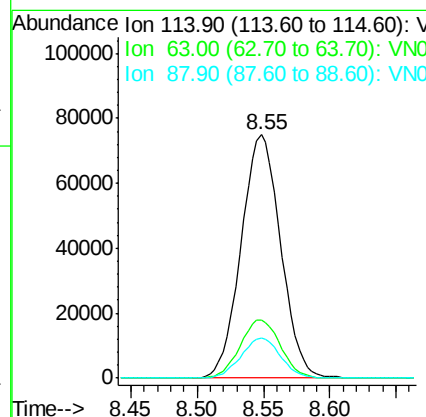
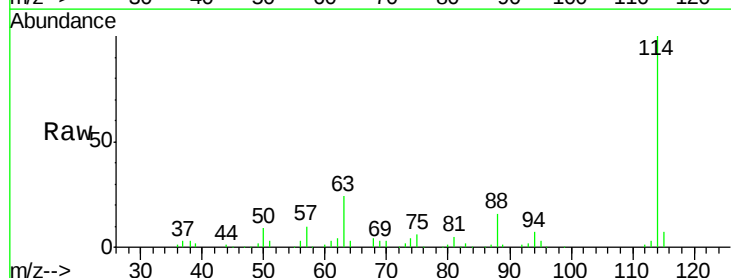
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	46.6
88	16.4	0.0	33.4





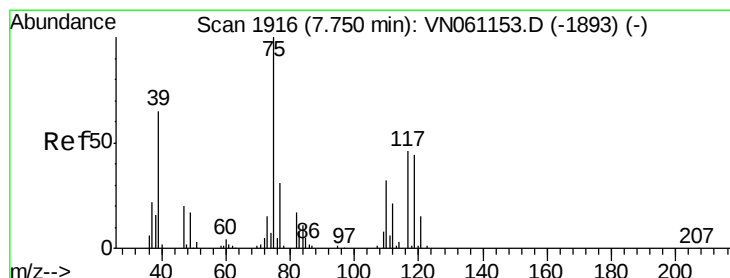
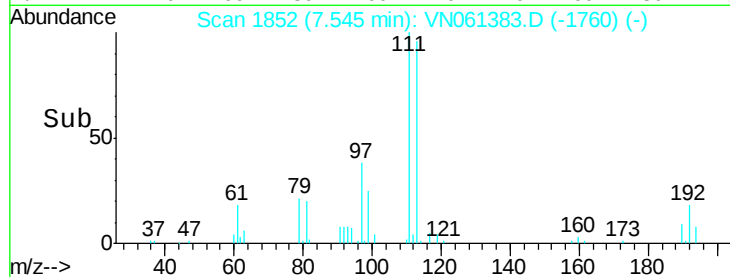
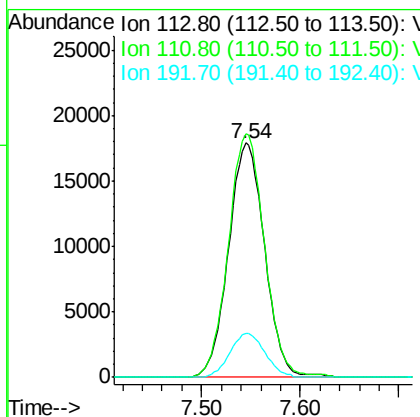
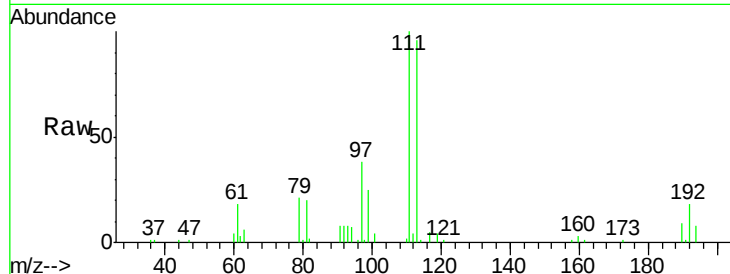
#35
 Dibromofluoromethane
 Concen: 49.664 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	18.3	14.7	22.1

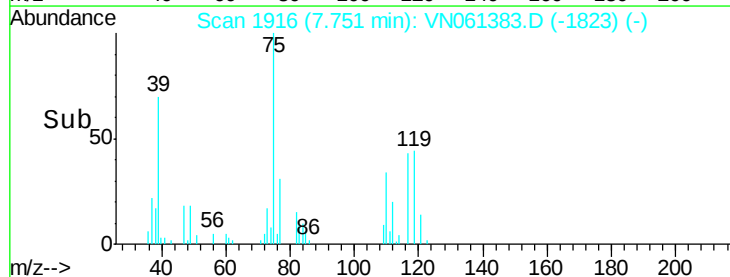
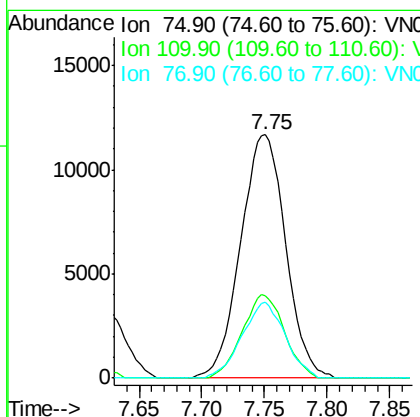
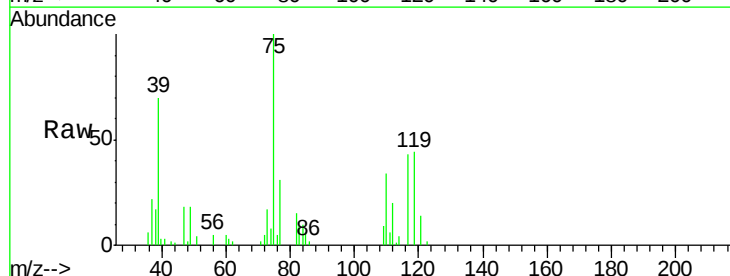
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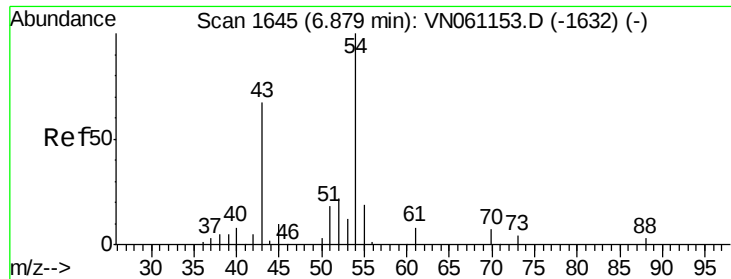
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#36
 1,1-Dichloropropene
 Concen: 18.743 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.1	16.0	48.0
77	29.9	24.6	37.0





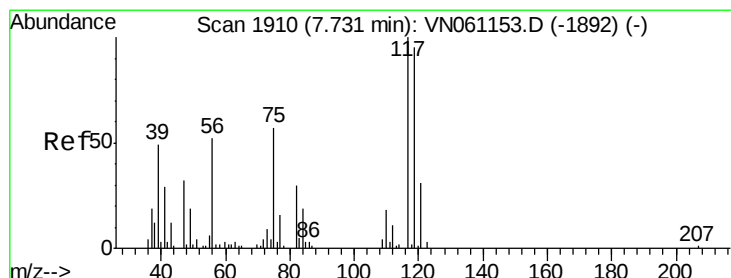
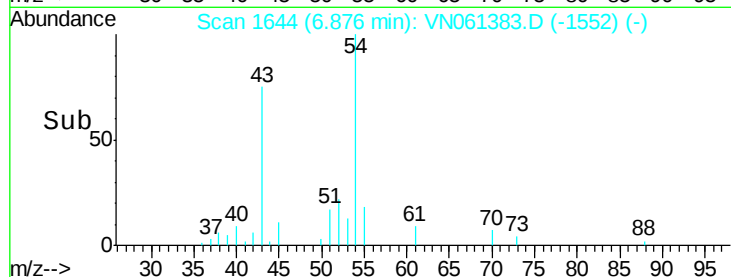
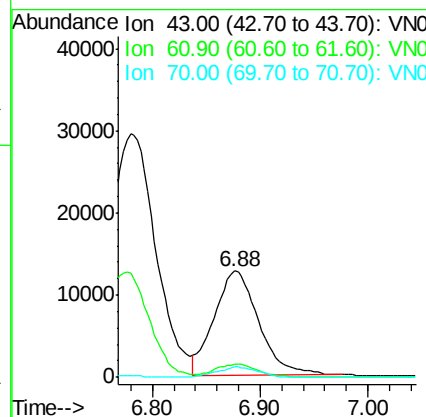
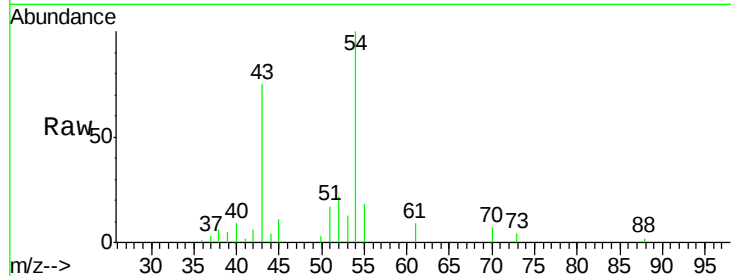
#37
Ethyl Acetate
Concen: 20.193 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	10.2	15.2
70	8.9	7.2	10.8

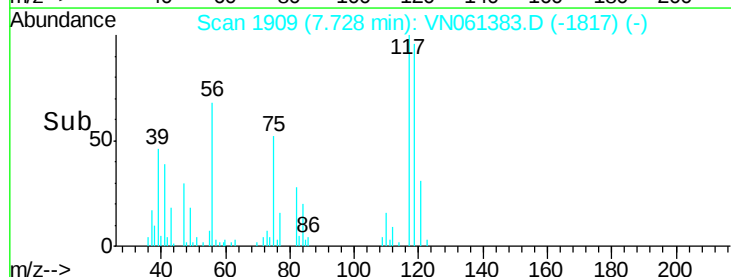
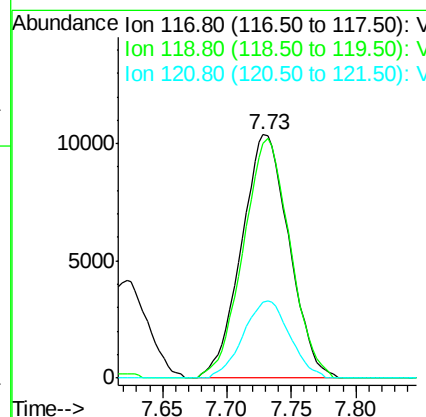
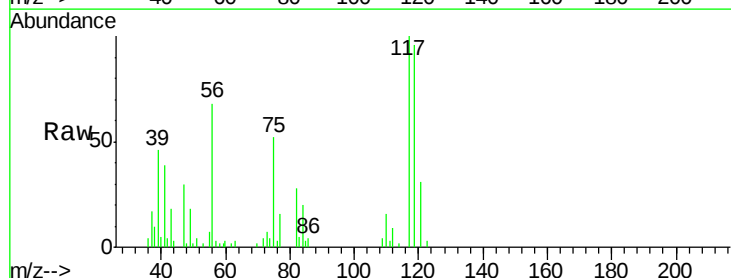
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#38
Carbon Tetrachloride
Concen: 20.289 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.6
121	31.1	24.7	37.1





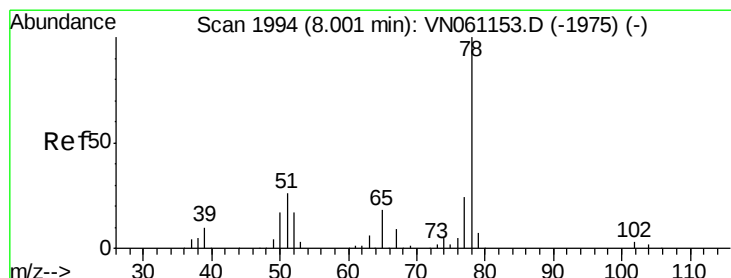
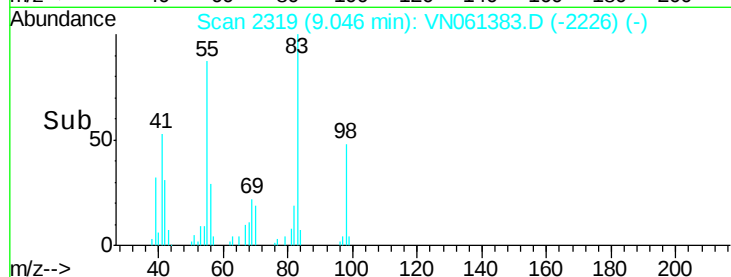
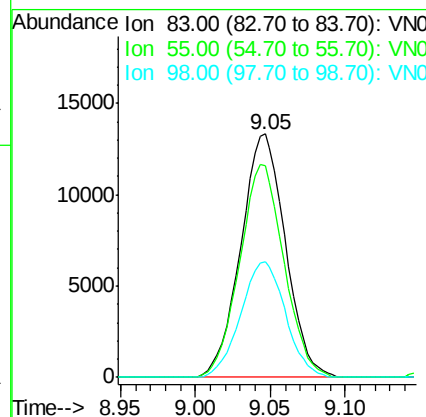
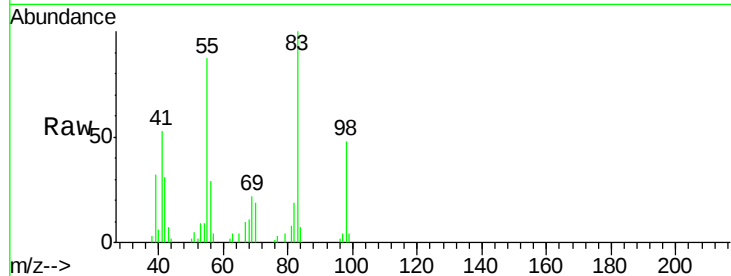
#39
Methvlcvclohexane
Concen: 15.832 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.8	67.3	100.9
98	47.7	37.7	56.5

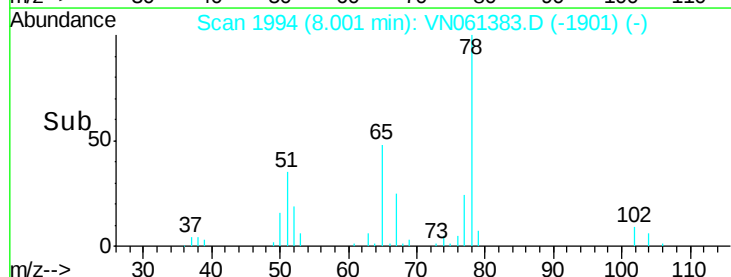
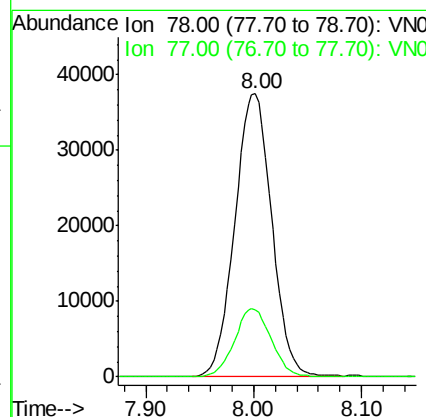
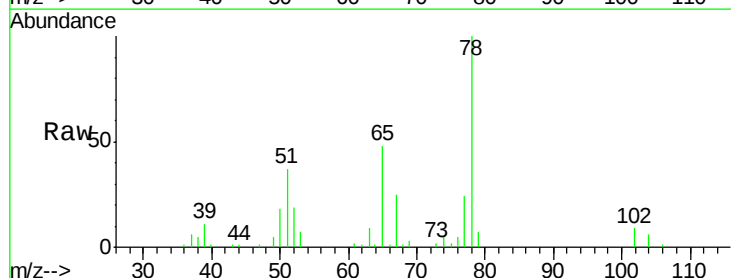
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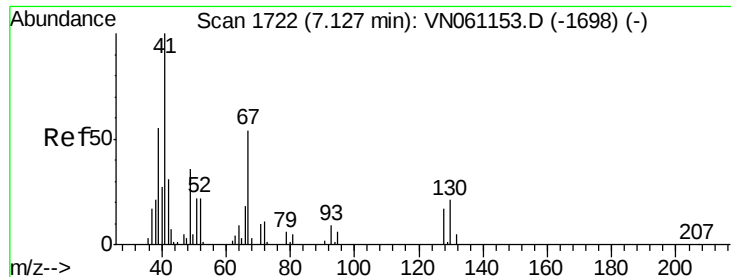
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#40
Benzene
Concen: 19.309 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





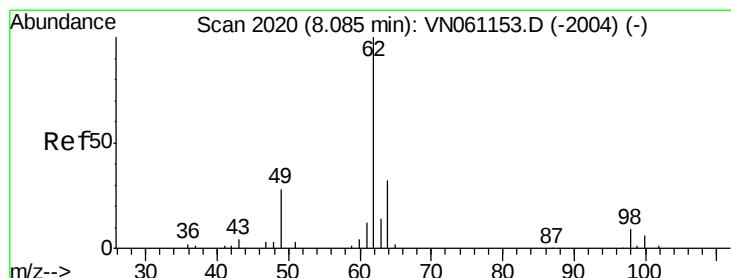
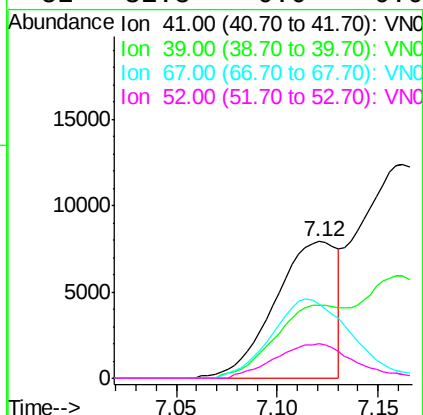
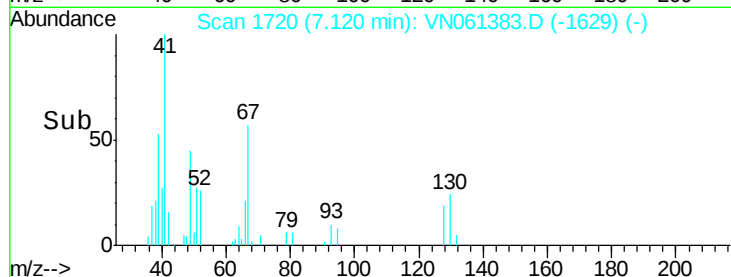
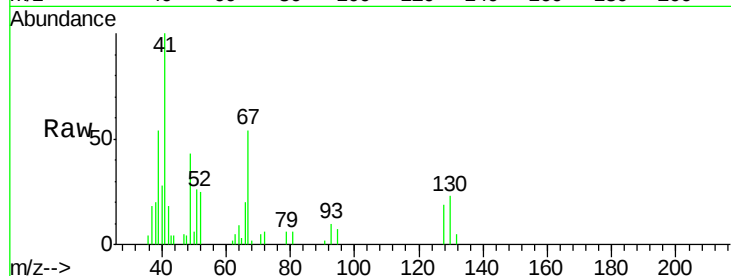
#41
Methacrylonitrile
Concen: 22.441 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.7	0.0	0.0#
67	74.3	0.0	0.0#
52	31.8	0.0	0.0#

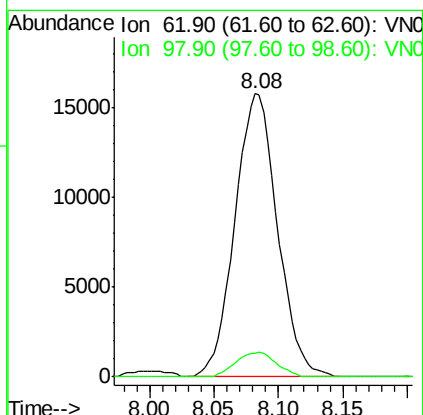
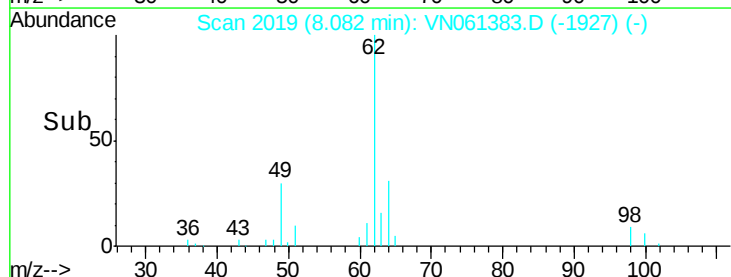
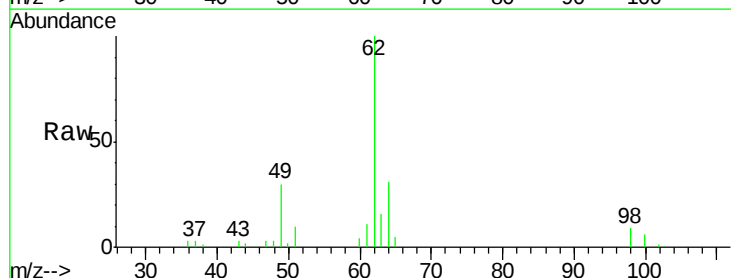
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#42
1,2-Dichloroethane
Concen: 20.615 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8





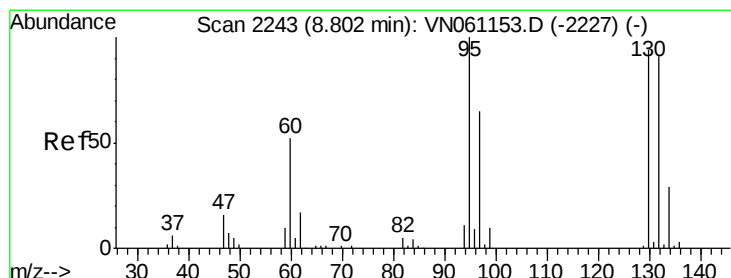
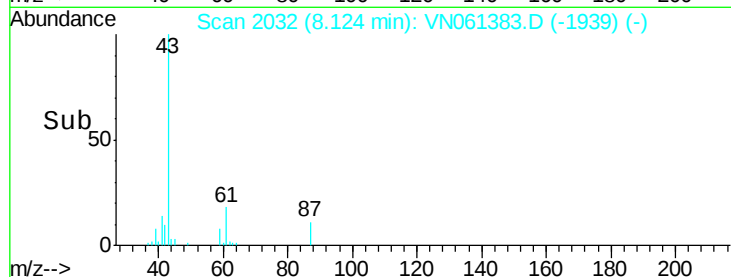
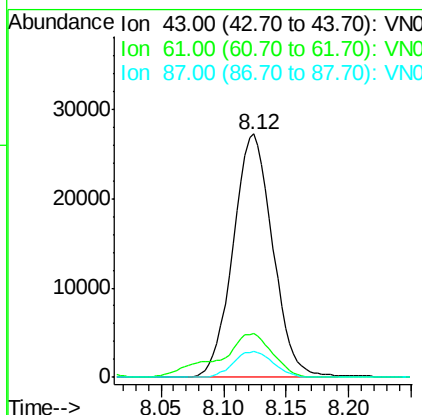
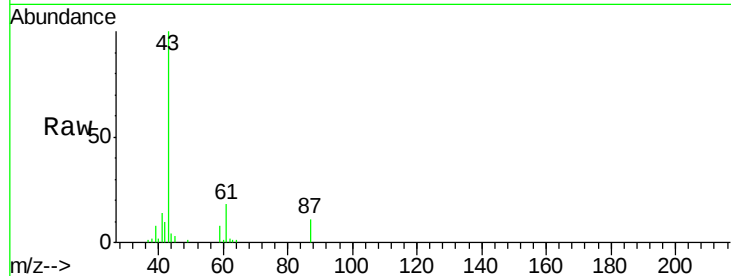
#43
Isopropyl Acetate
Concen: 19.736 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.3	19.5	29.3
87	10.6	8.9	13.3

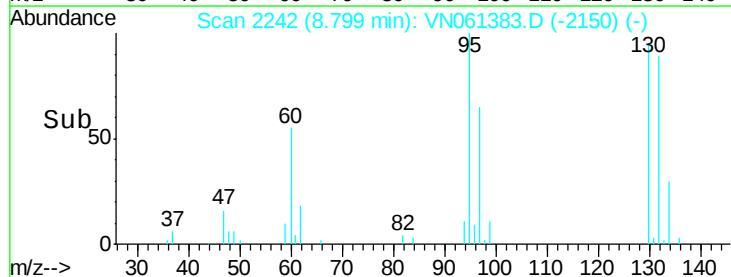
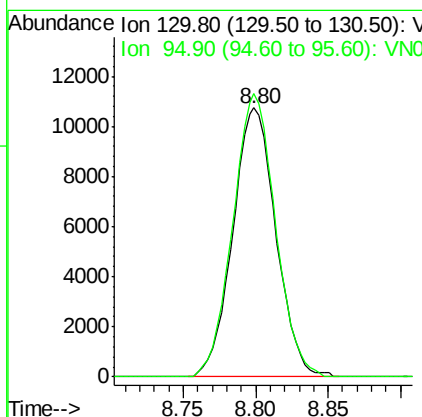
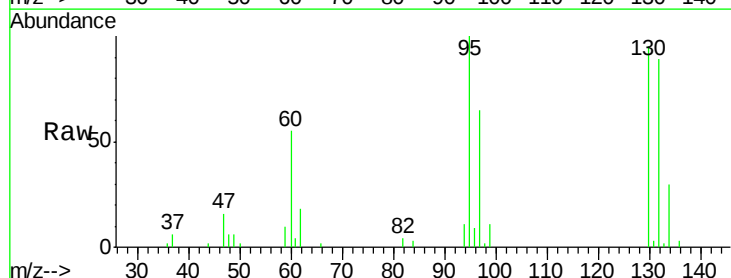
Manual Integrations
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#44
Trichloroethene
Concen: 17.691 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	212.4





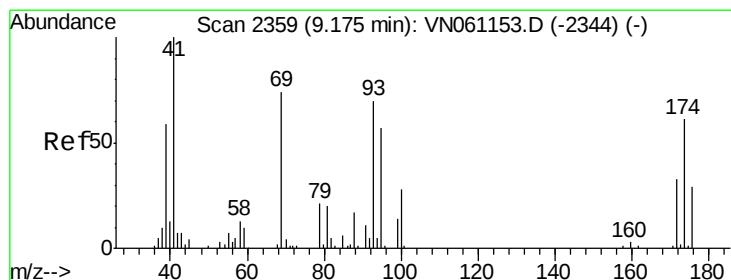
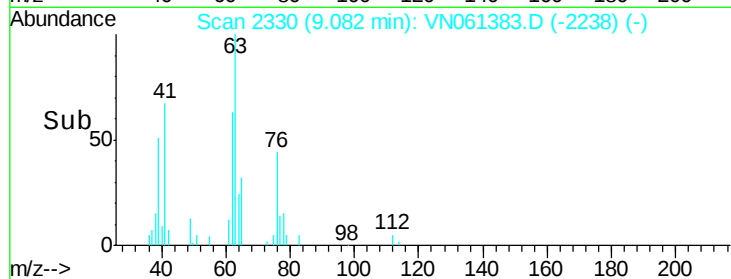
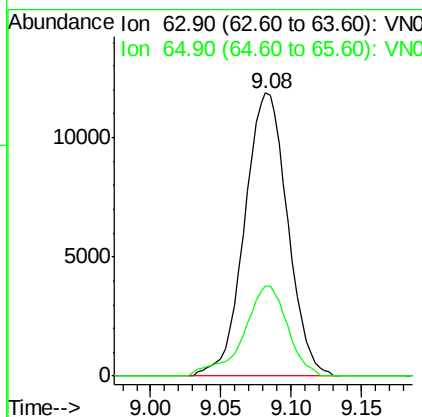
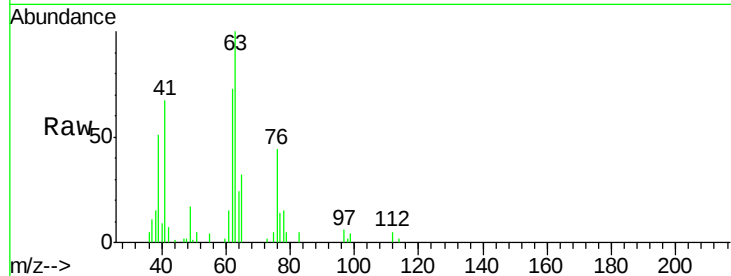
#45
 1,2-Dichloropropane
 Concen: 20.432 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.7	37.1

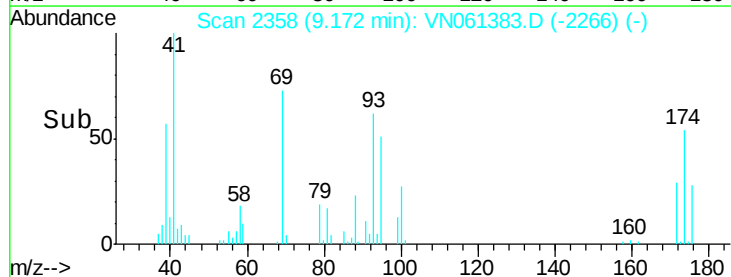
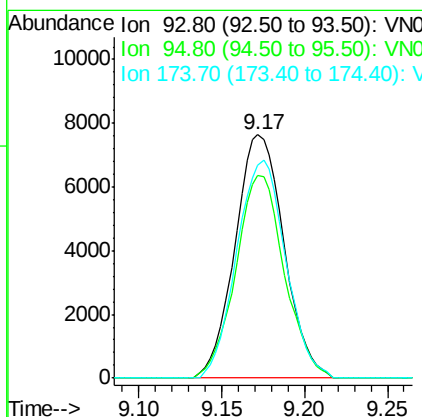
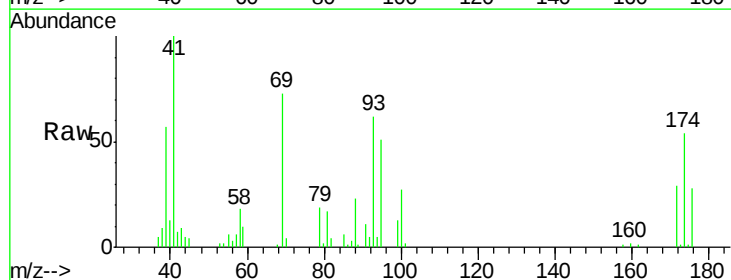
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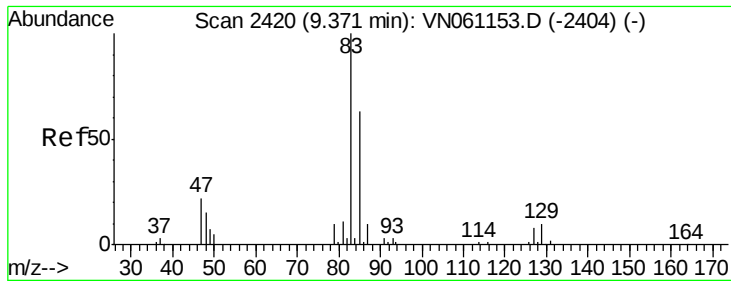
sam
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#46
 Dibromomethane
 Concen: 20.433 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.6	99.8
174	89.4	70.2	105.2





#47

Bromodichloromethane

Concen: 20.704 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

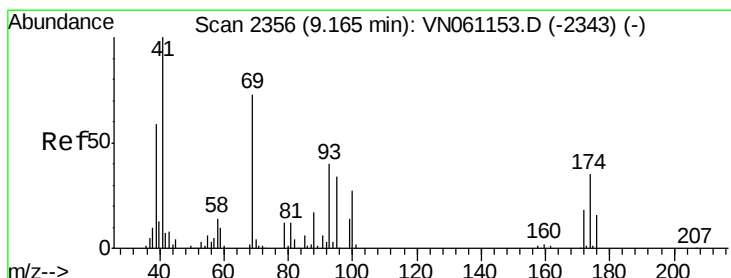
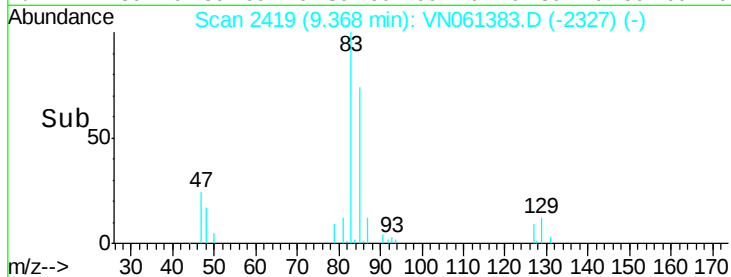
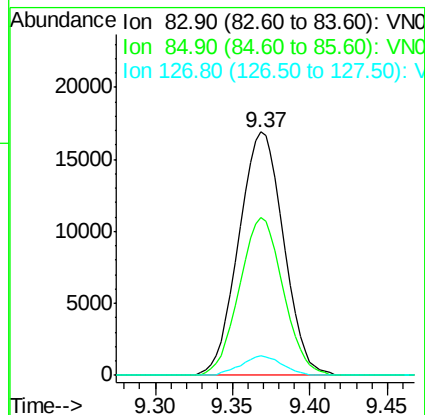
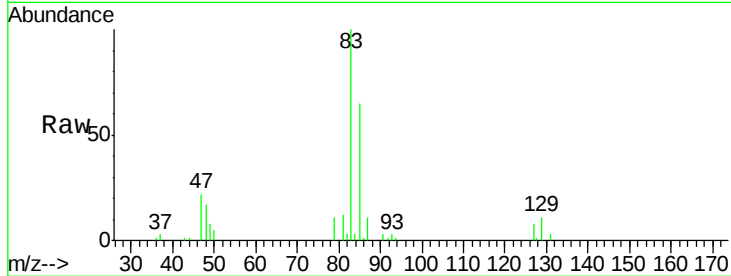
ClientSampleId :

VN0511MBS01

Tot Ion:	83	Resp:	34089
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.4	75.6
127	8.0	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.323 ug/l

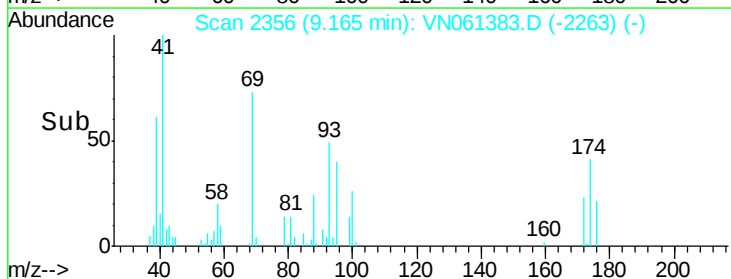
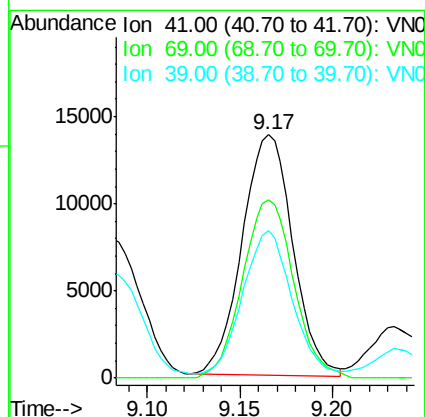
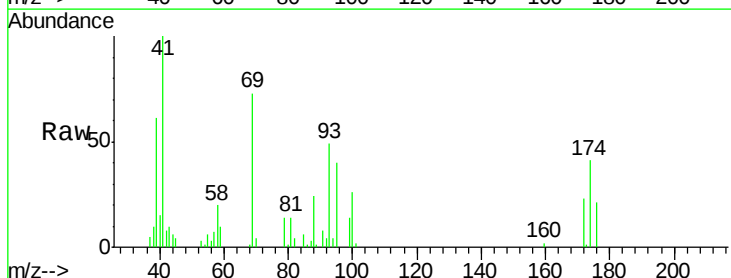
RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Tgt Ion:	41	Resp:	26407
Ion Ratio	Lower	Upper	
41	100		
69	74.7	60.3	90.5
39	61.0	47.4	71.0





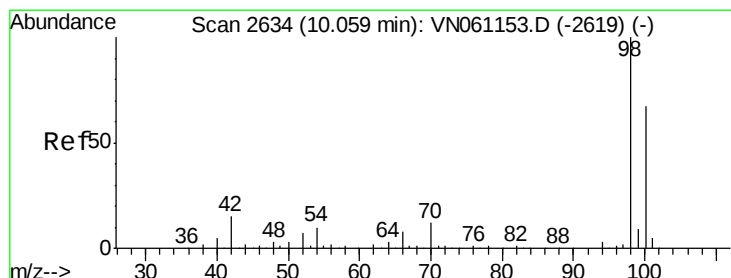
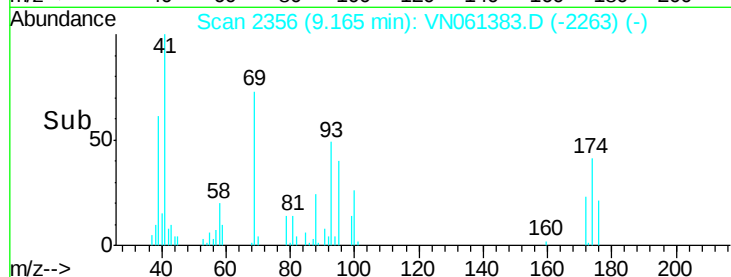
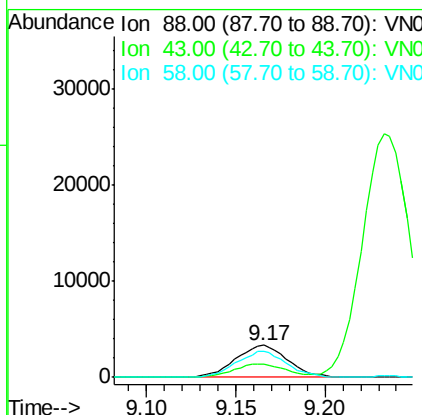
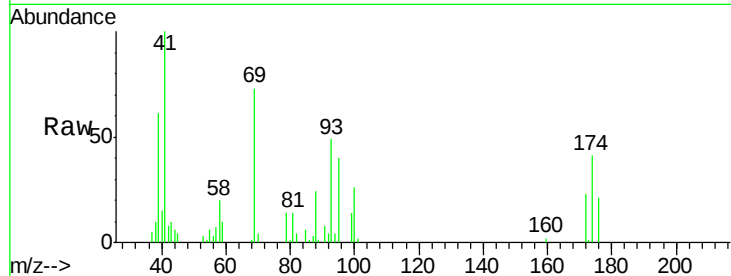
#49
 1,4-Dioxane
 Concen: 436.803 ug/l
 RT: 9.17 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Tot Ion	88	Resp	6776
Ion	Ratio	Lower	Upper
88	100		
43	42.9	35.3	52.9
58	77.7	61.5	92.3

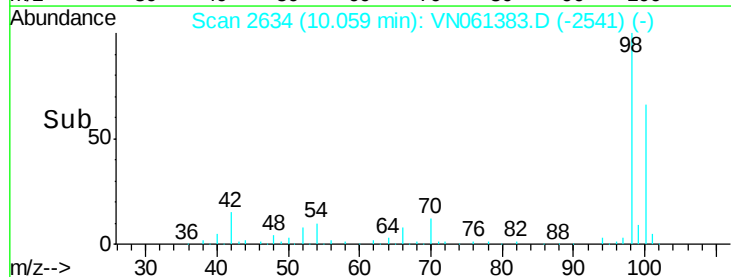
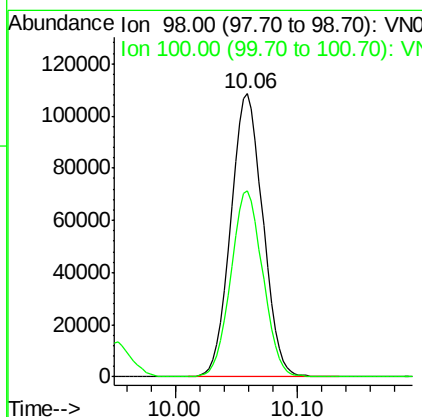
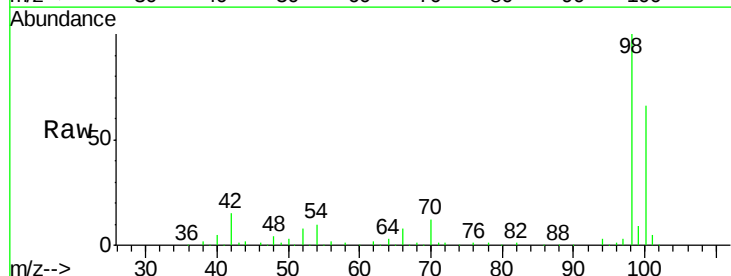
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#50
 Toluene-d8
 Concen: 53.010 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	98	Resp	198695
Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.4	80.0





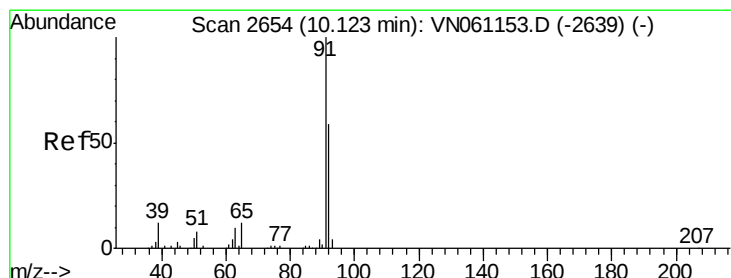
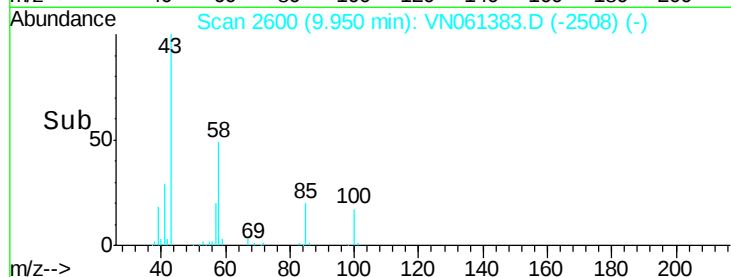
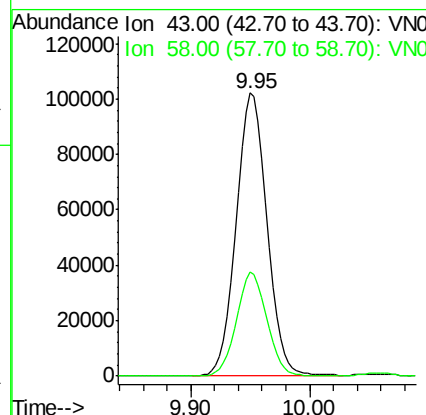
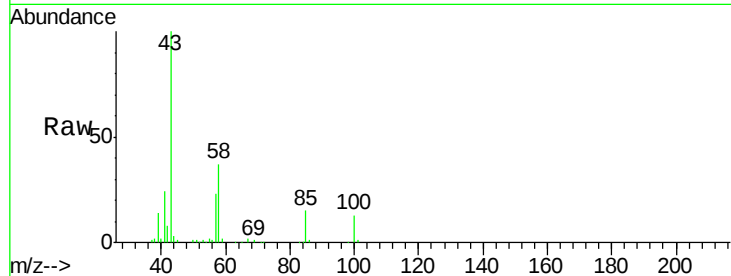
#51
4-Methyl-2-Pentanone
Concen: 102.988 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampled :
VN0511MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.1	29.1	43.7

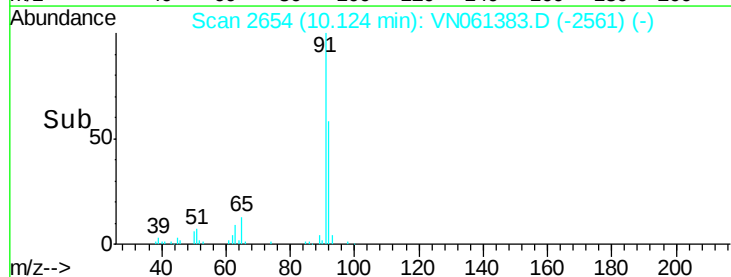
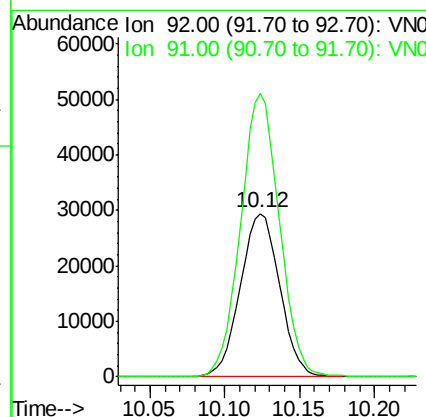
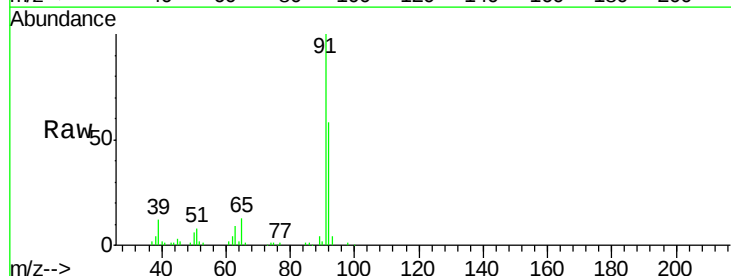
Manual Integrations
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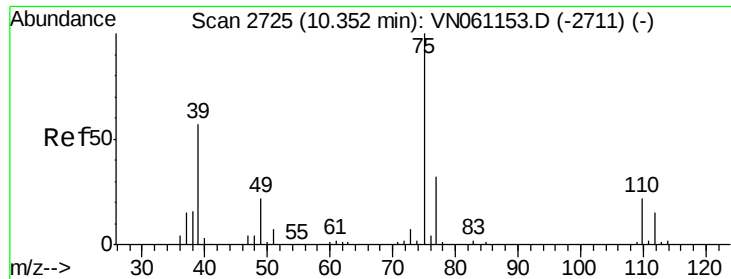
sam
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#52
Toluene
Concen: 19.356 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.6	136.2	204.2





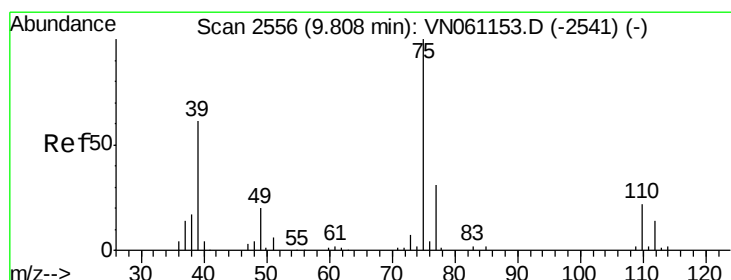
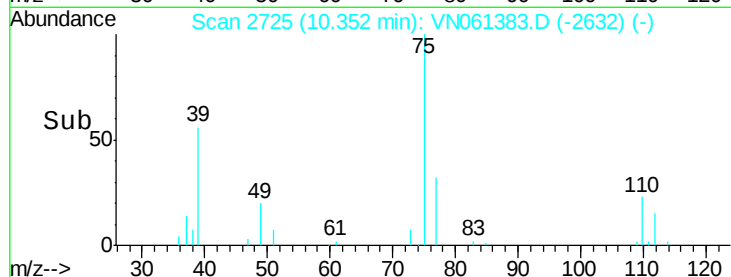
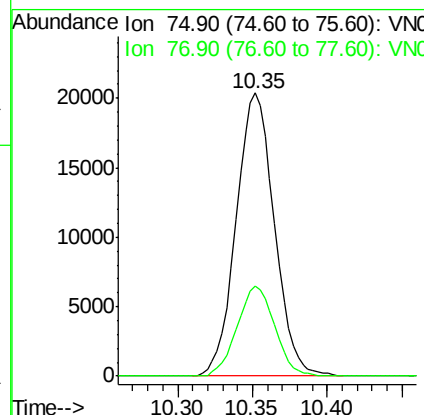
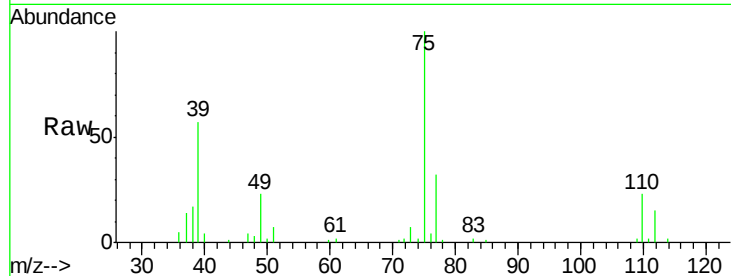
#53
 t-1,3-Dichloropropene
 Concen: 19.526 ug/l
 RT: 10.35 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Tot Ion	75	Resp	36225
Ion Ratio	100	Lower	Upper
77	31.6	25.5	38.3

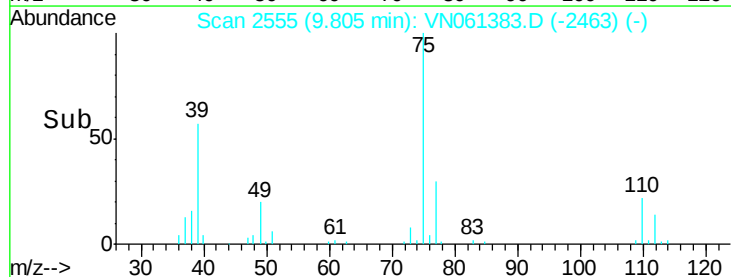
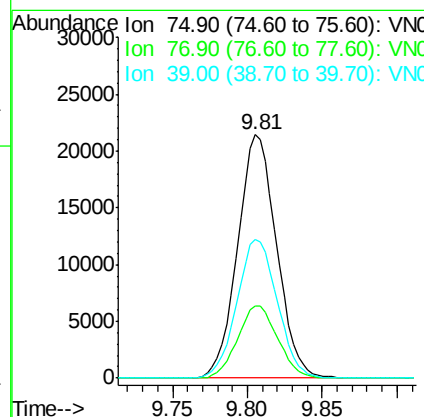
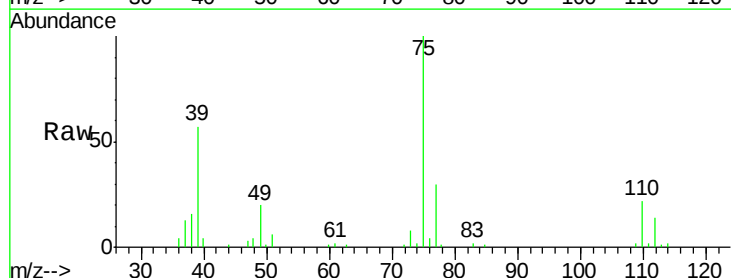
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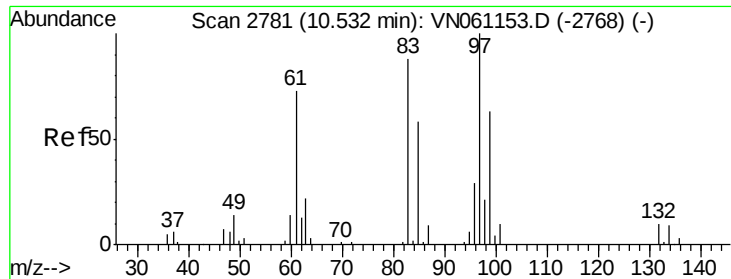
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 19.805 ug/l
 RT: 9.81 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	75	Resp	38846
Ion Ratio	100	Lower	Upper
77	29.7	25.0	37.4
39	57.1	48.7	73.1





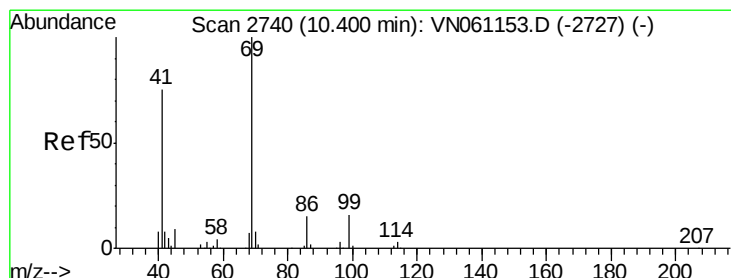
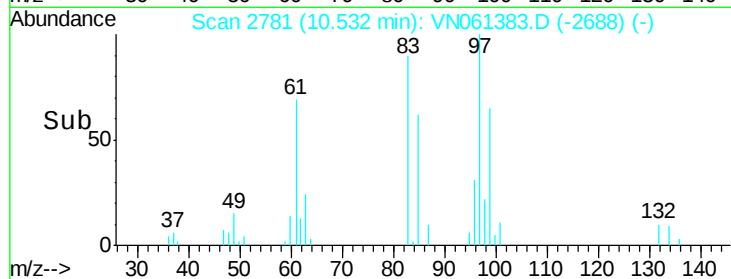
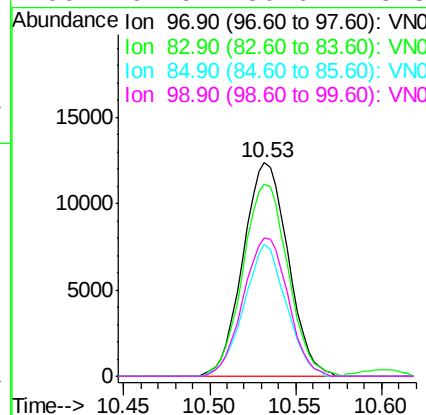
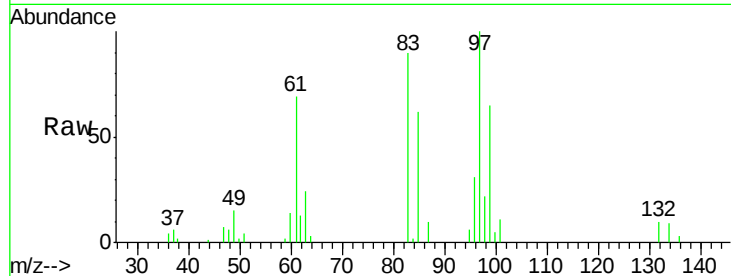
#55
 1,1,2-Trichloroethane
 Concen: 20.211 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Tot Ion:	97	Resp:	22518
Ion	Ratio	Lower	Upper
97	100		
83	89.9	70.6	106.0
85	61.7	46.4	69.6
99	64.5	50.6	75.8

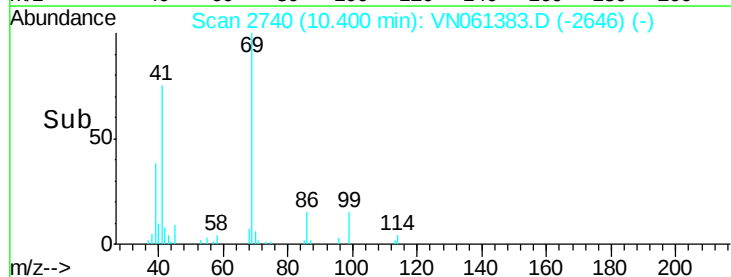
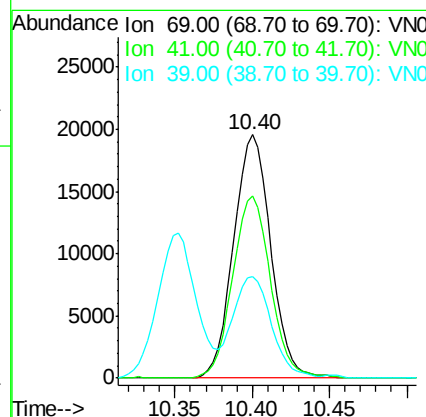
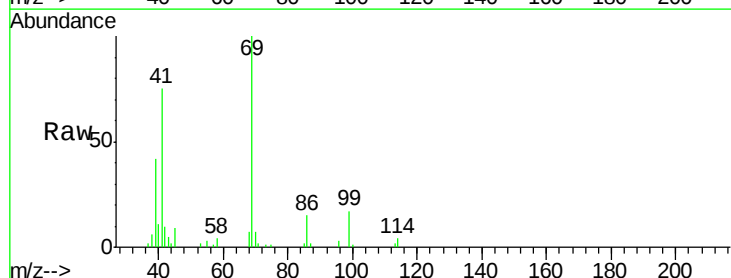
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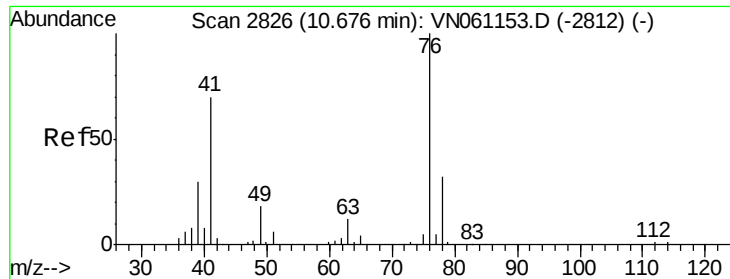
sam
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#56
 Ethyl methacrylate
 Concen: 18.633 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion:	69	Resp:	32662
Ion	Ratio	Lower	Upper
69	100		
41	76.4	60.3	90.5
39	42.0	35.9	53.9





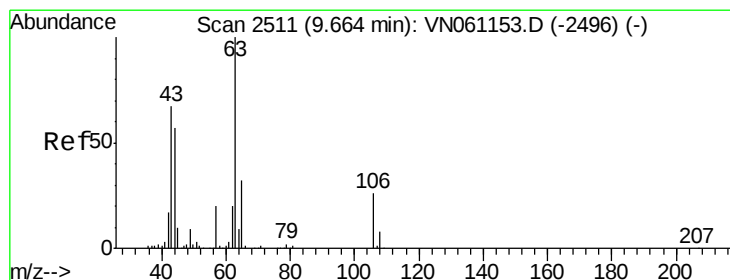
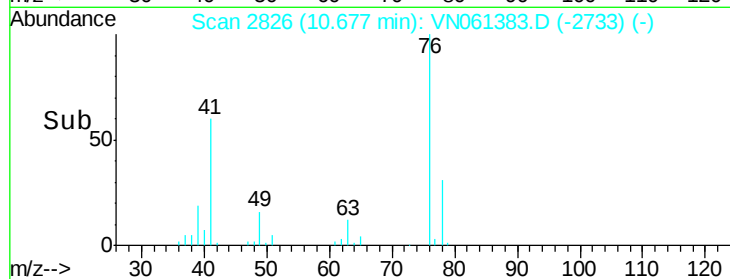
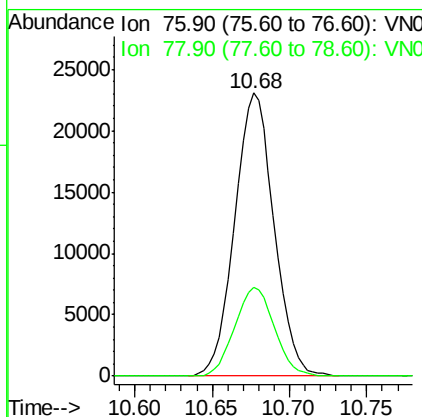
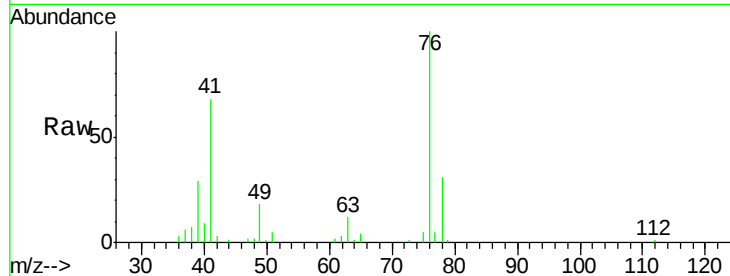
#57
 1,3-Dichloropropane
 Concen: 20.756 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Tot Ion: 76 Resp: 40648
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.5 38.3

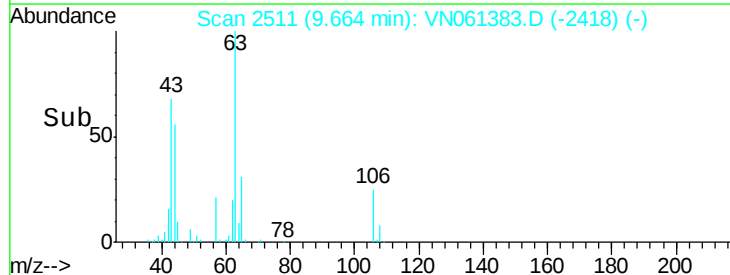
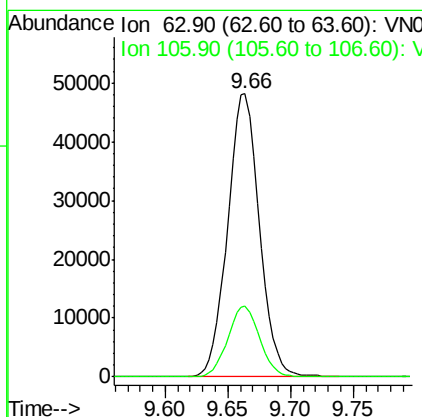
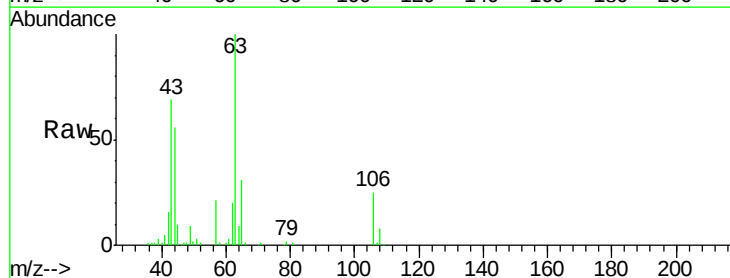
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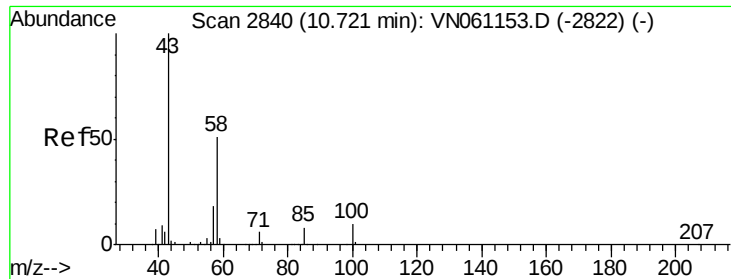
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 94.012 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion: 63 Resp: 84784
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.6 30.8





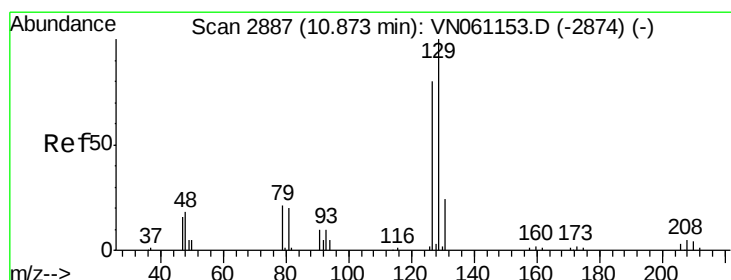
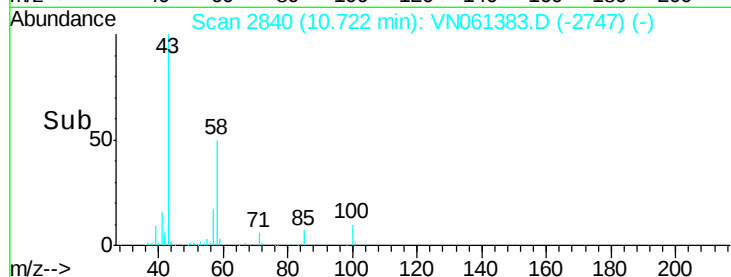
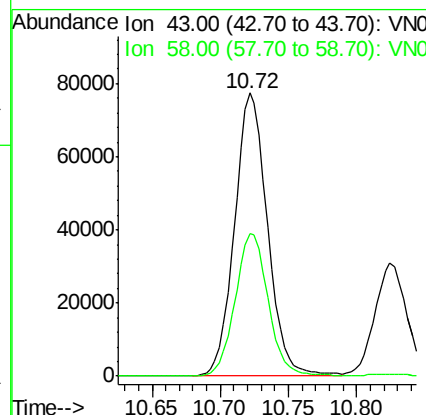
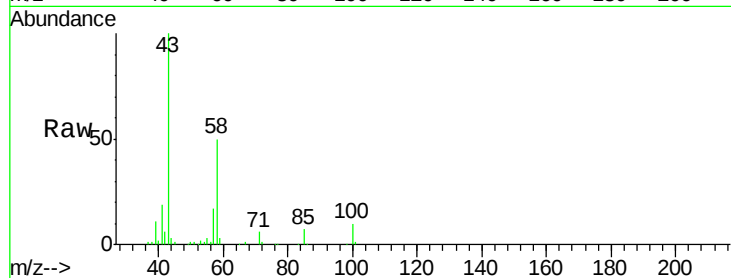
#59
2-Hexanone
Concen: 100.144 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	43	Resp	129875
Ion Ratio	43	100	
Lower	58	50.6	25.4
Upper			76.4

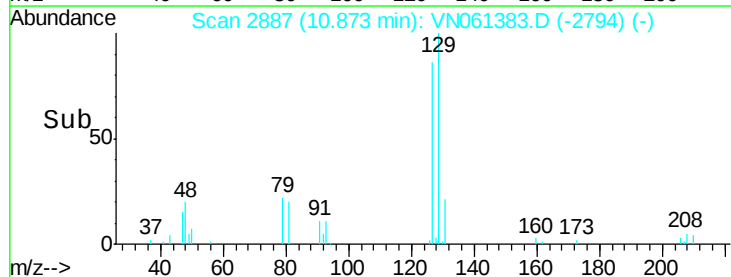
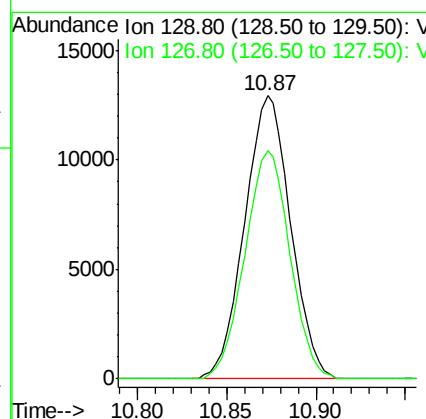
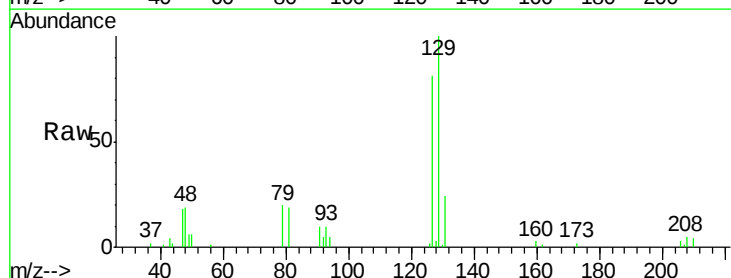
Manual Integrations
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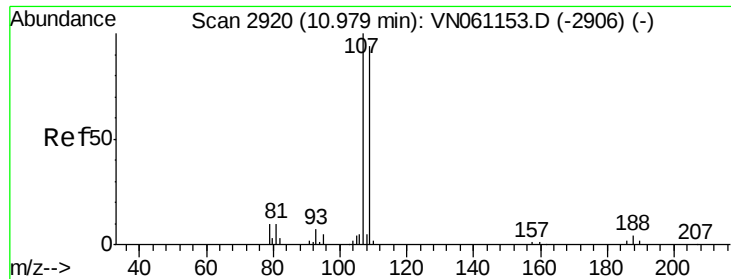
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#60
Dibromochloromethane
Concen: 20.012 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	129	Resp	23352
Ion Ratio	129	100	
Lower	127	78.7	39.3
Upper			117.8





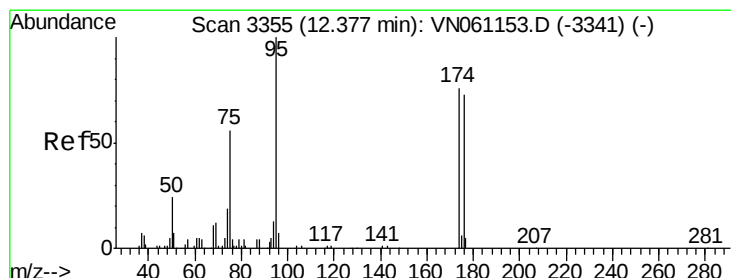
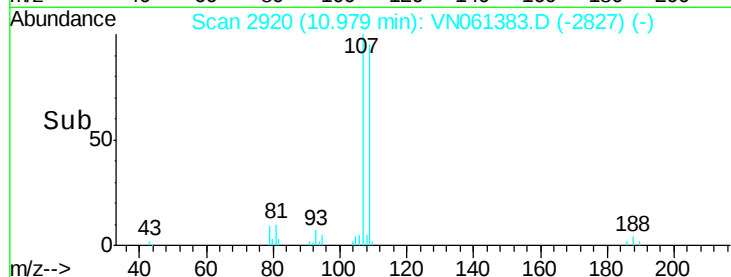
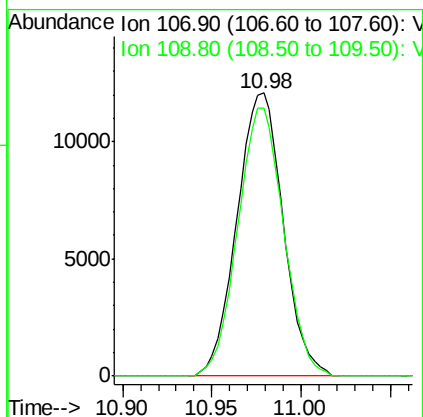
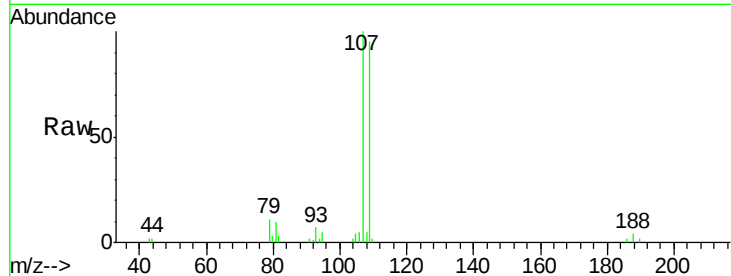
#61
 1,2-Dibromoethane
 Concen: 19.553 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	21835		
109	94.1	74.8	112.2	

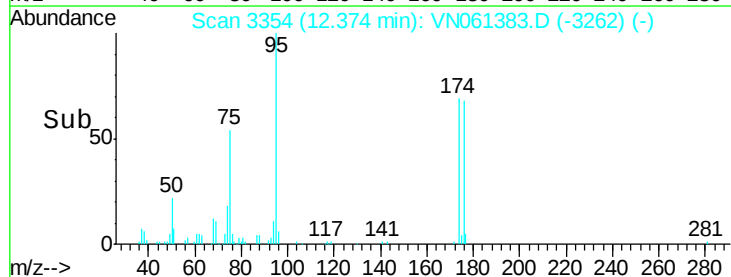
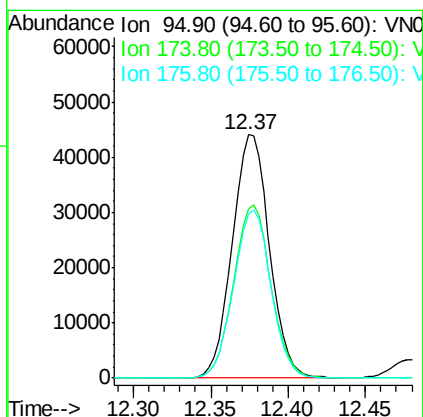
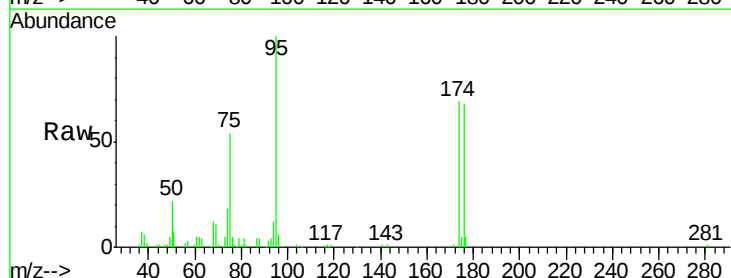
Manual Integrations
 APPROVED

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#62
 4-Bromofluorobenzene
 Concen: 52.076 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	73454		
174	71.6	0.0	149.4	
176	69.4	0.0	144.8	





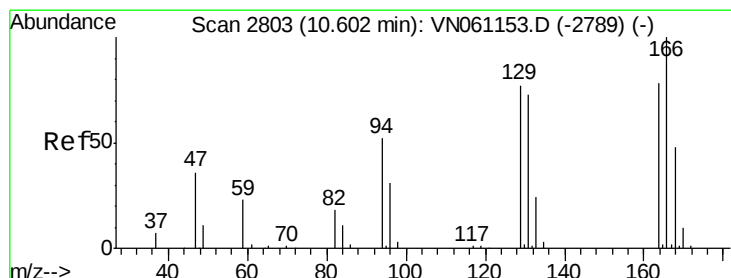
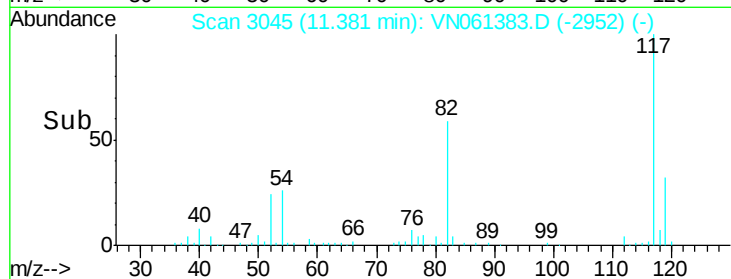
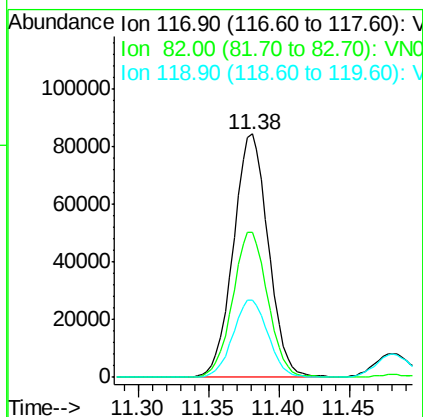
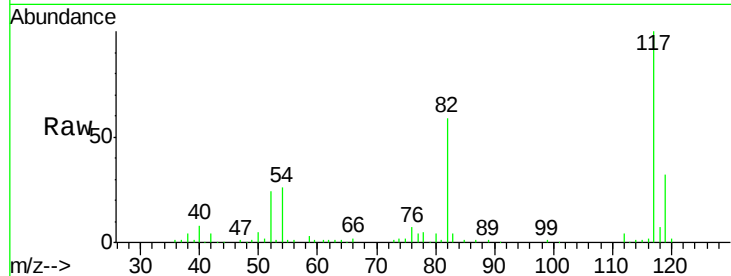
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	47.8	71.8
119	31.6	25.8	38.6

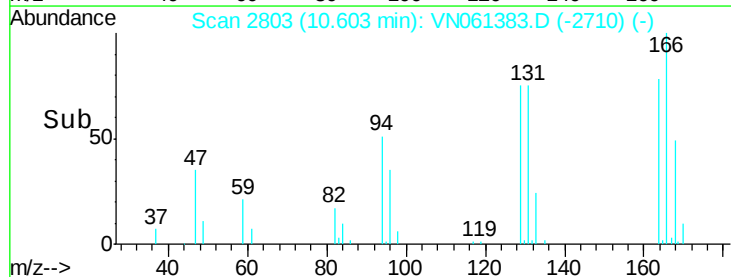
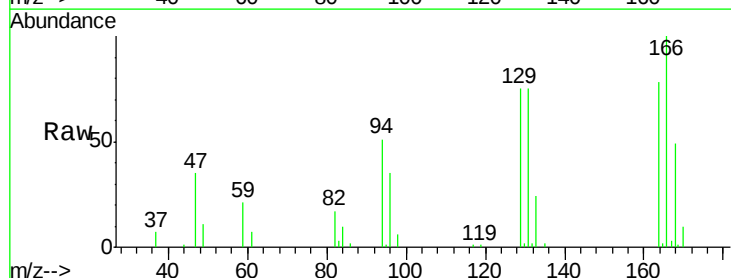
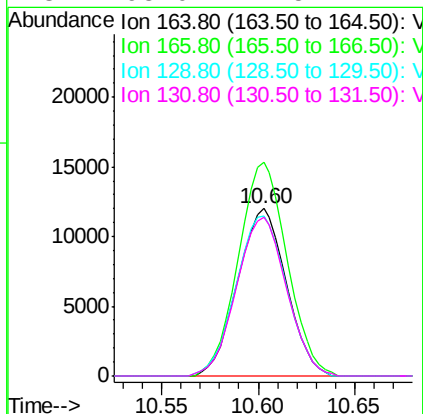
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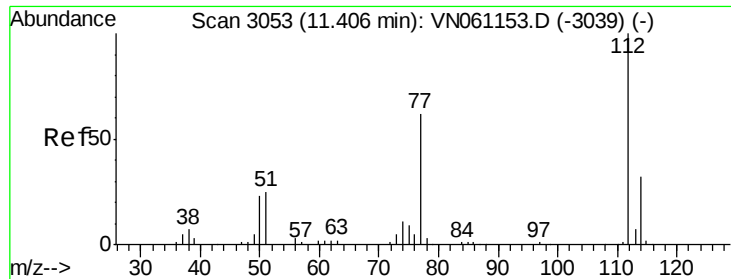
sam
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#64
Tetrachloroethene
Concen: 16.551 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.0	153.0
129	95.3	78.2	117.2
131	95.0	74.5	111.7





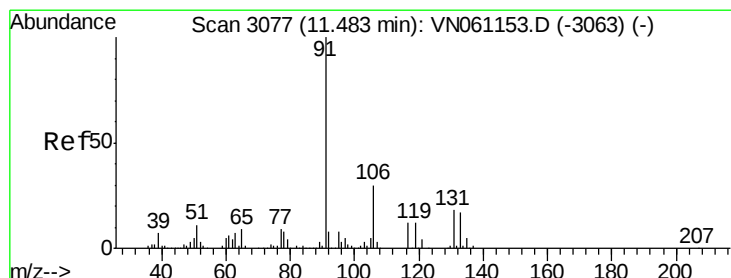
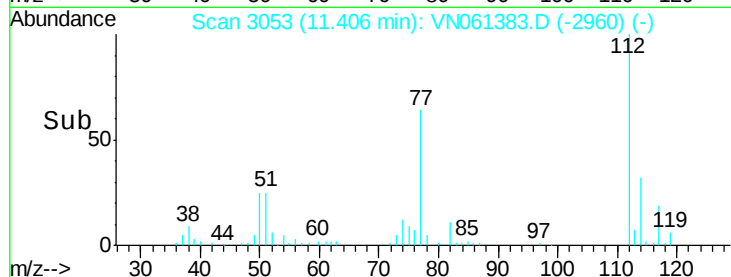
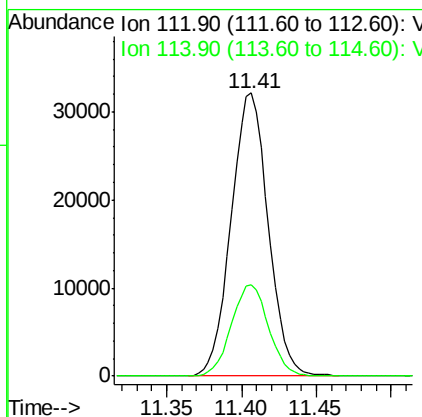
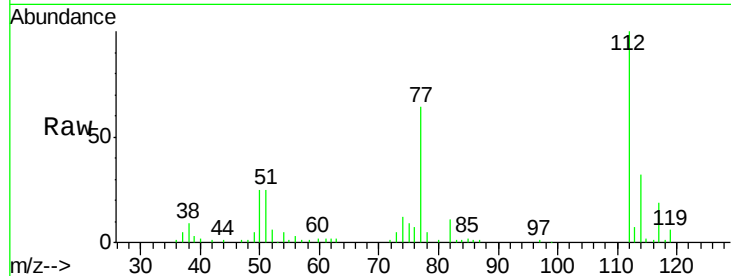
#65
Chlorobenzene
Concen: 19.081 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion:112 Resp: 55474
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

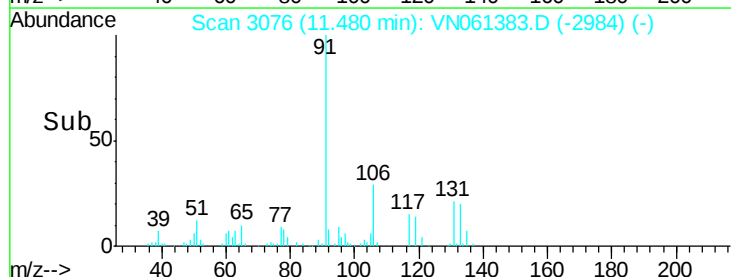
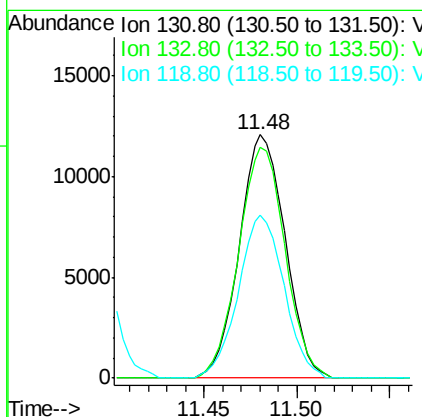
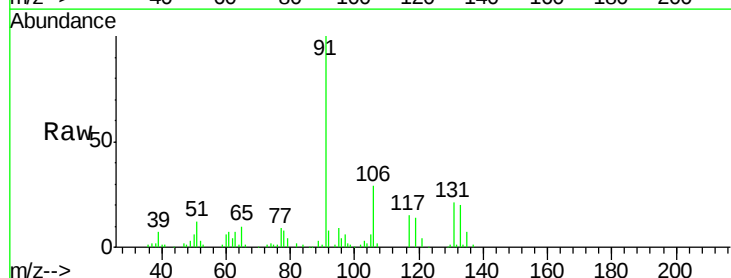
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.987 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion:131 Resp: 20797
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.2
119 66.8 32.6 97.8





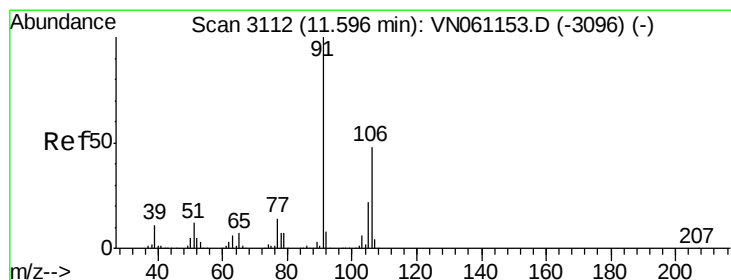
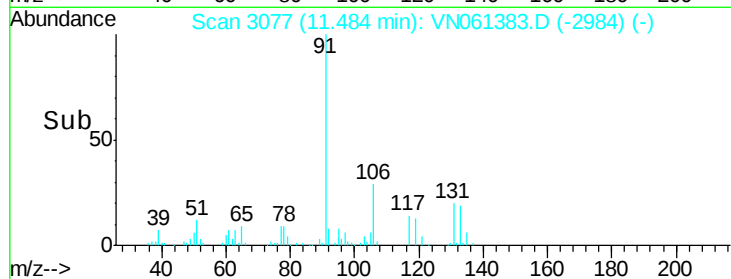
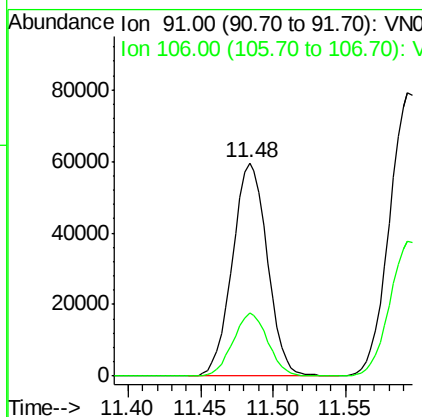
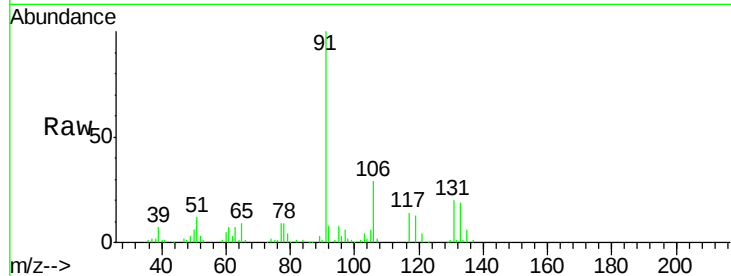
#67
Ethyl Benzene
Concen: 18.292 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	91	Resp	99555
Ion Ratio	100	Lower	Upper
106	29.4	23.8	35.6

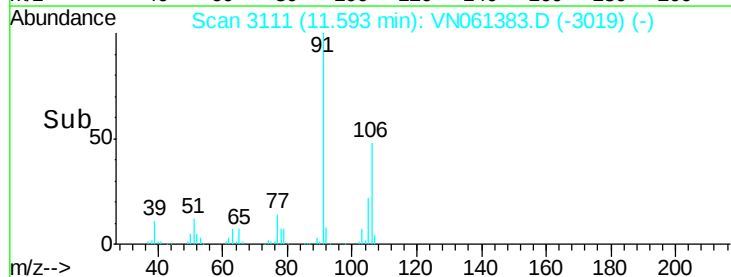
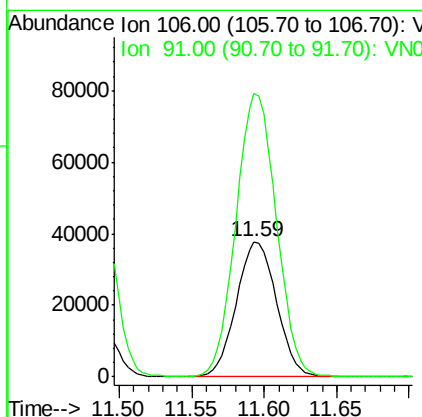
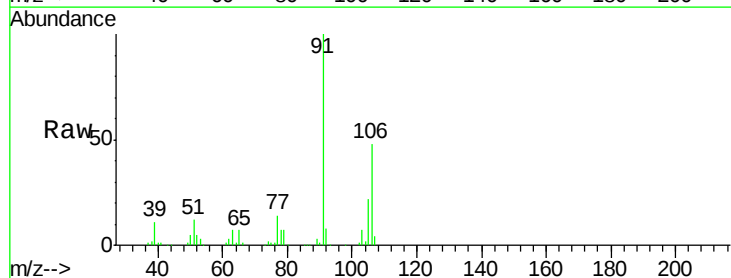
Manual Integrations
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#68
m/p-Xylenes
Concen: 36.554 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	106	Resp	72818
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	211.2	166.4	249.6





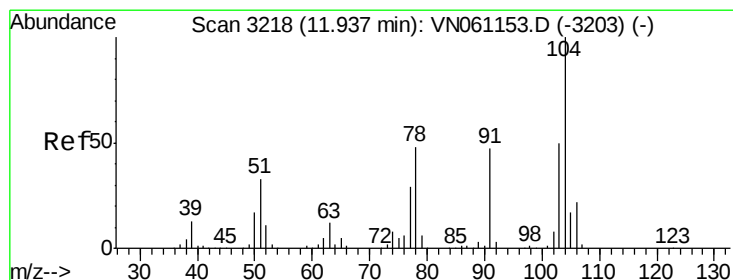
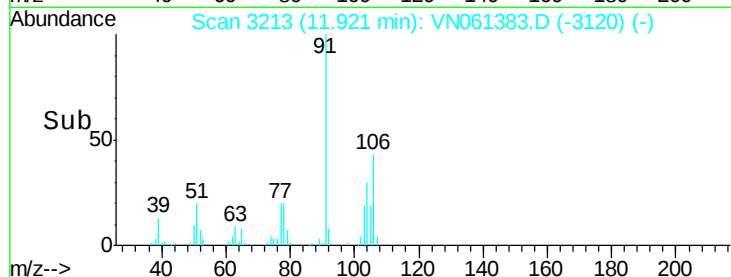
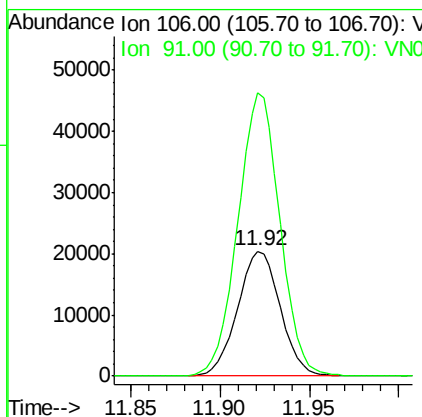
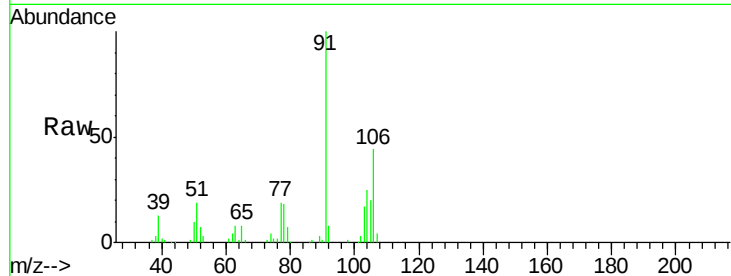
#69
o-Xylene
Concen: 17.807 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampled :
VN0511MBS01

Tot Ion:106 Resp: 34075
Ion Ratio Lower Upper
106 100
91 224.1 109.7 329.0

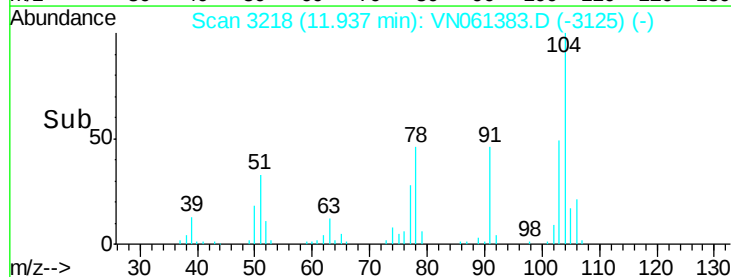
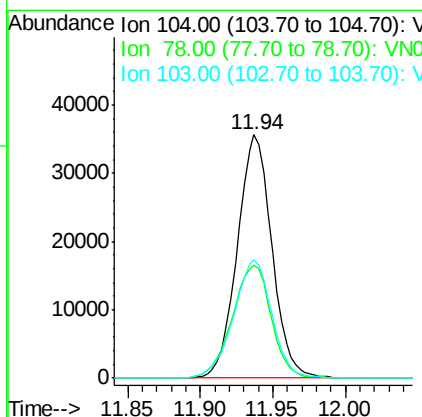
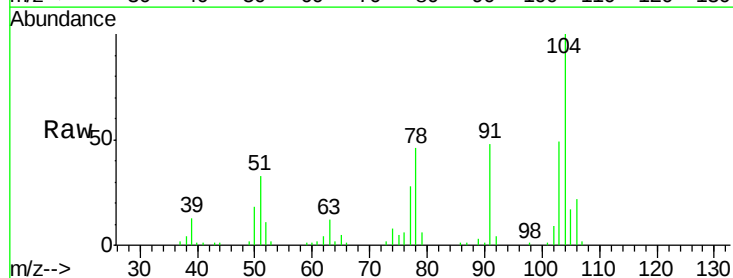
Manual Integrations
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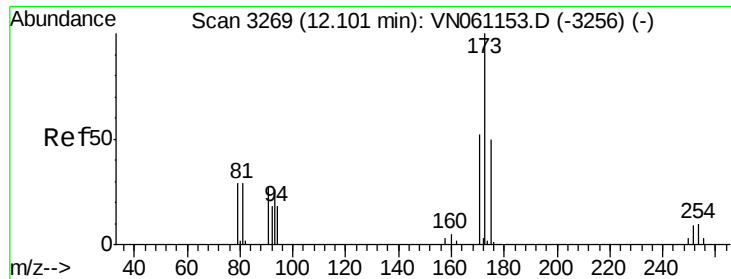
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#70
Styrene
Concen: 18.465 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion:104 Resp: 59138
Ion Ratio Lower Upper
104 100
78 52.4 42.1 63.1
103 53.3 43.3 64.9





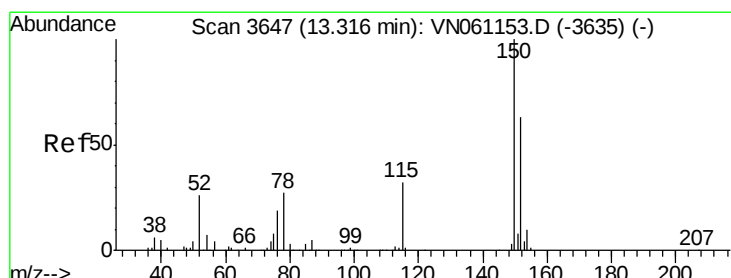
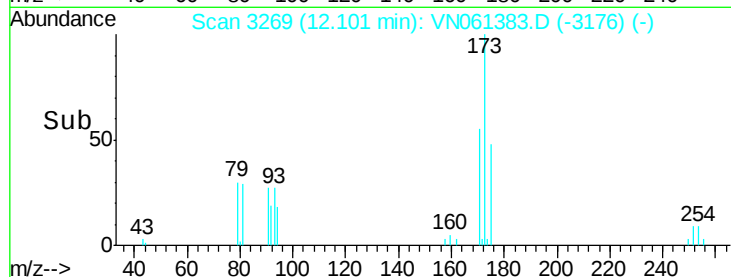
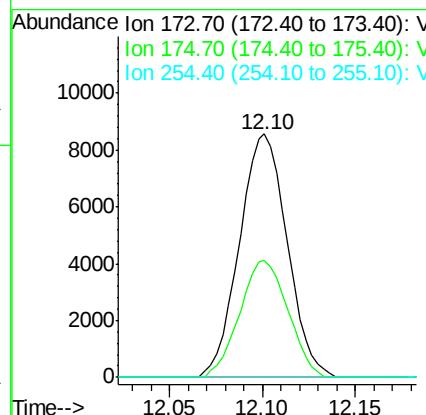
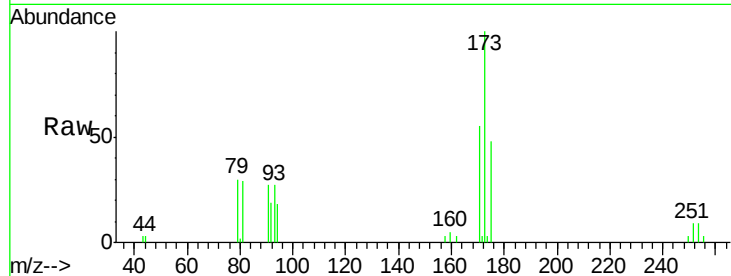
#71
Bromoform
Concen: 20.003 ug/l
RT: 12.10 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.0	0.0

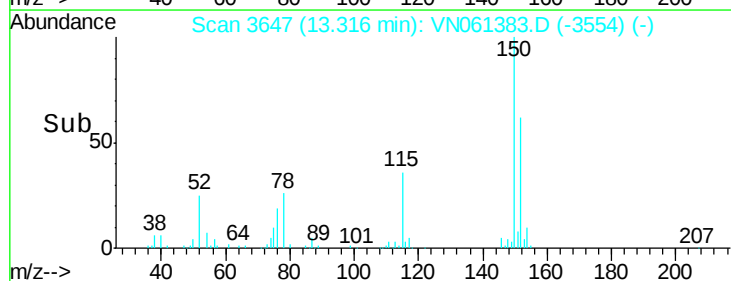
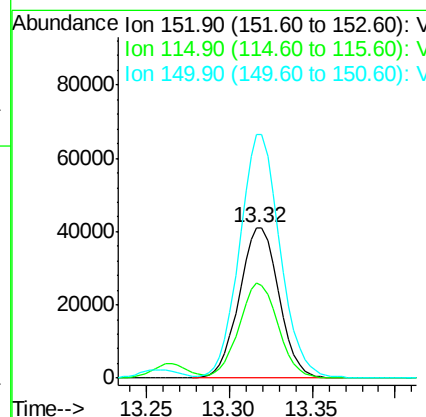
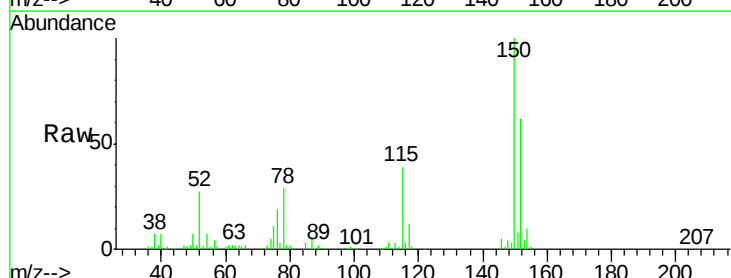
Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.0	93.0
150	165.8	0.0	351.8





#73

Isopropylbenzene

Concen: 18.625 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0511MBS01

Tot Ion: 105 Resp: 93429

Ion Ratio Lower Upper

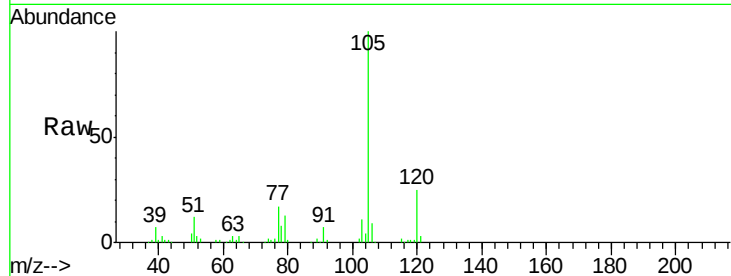
105 100

120 25.3 12.6 37.8

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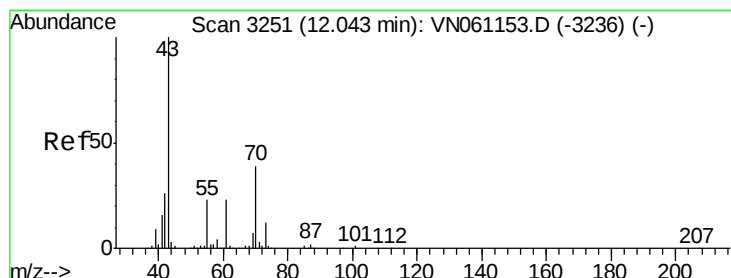
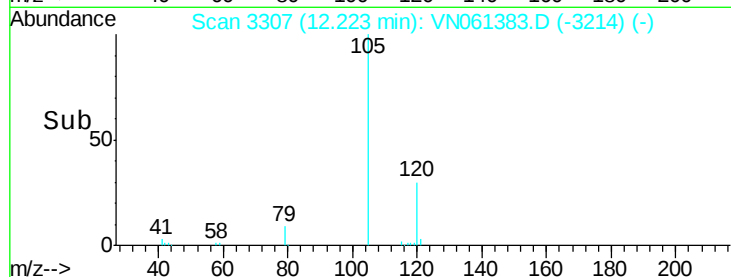
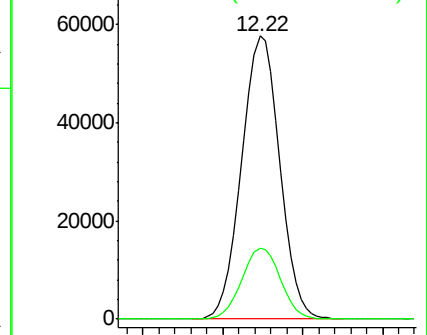
sam

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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: 18.584 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Tgt Ion: 43 Resp: 47204

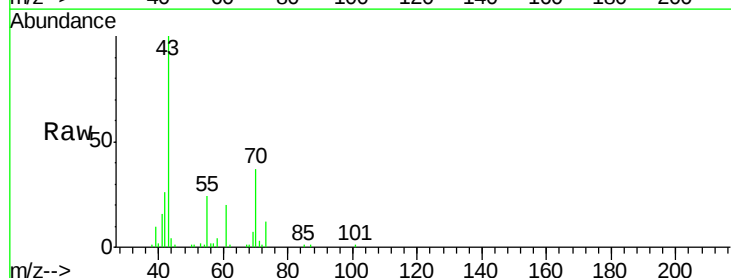
Ion Ratio Lower Upper

43 100

70 37.6 30.6 46.0

55 24.6 18.5 27.7

61 21.3 17.9 26.9

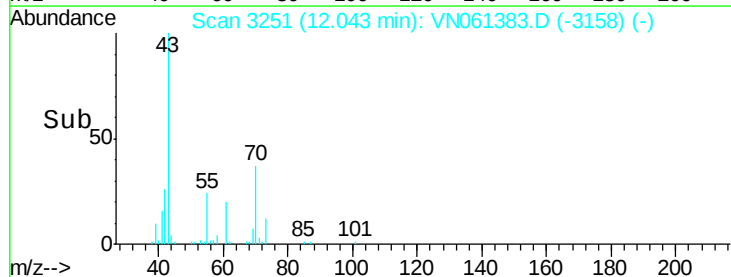
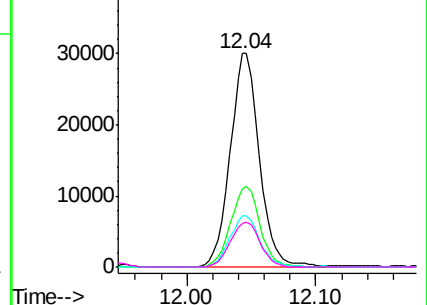


Abundance Ion 43.00 (42.70 to 43.70): V

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: 21.369 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

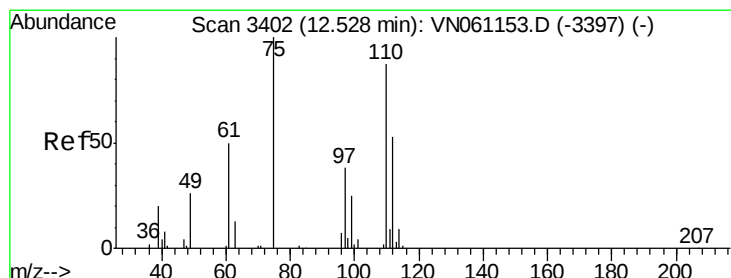
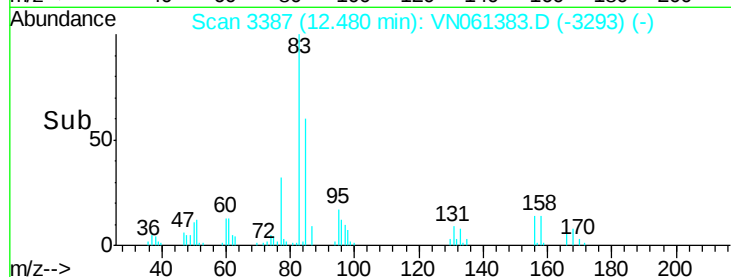
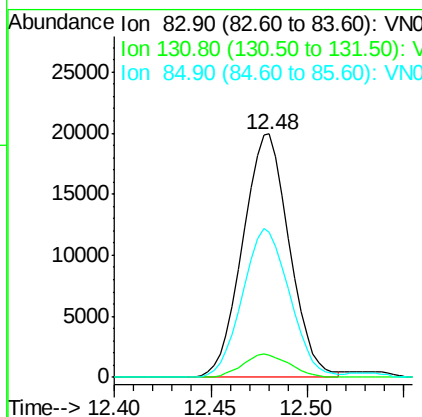
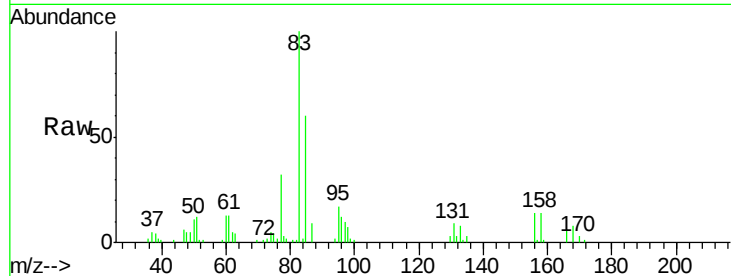
ClientSampleId :

VN0511MBS01

Tot Ion:	83	Resp:	33424
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.8	14.3
85	62.0	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 22.587 ug/l m

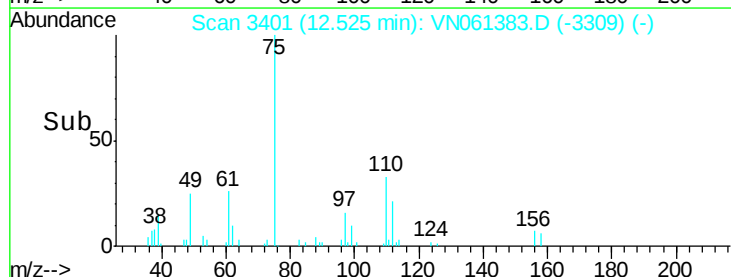
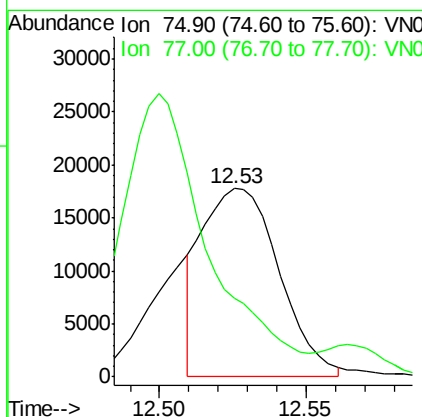
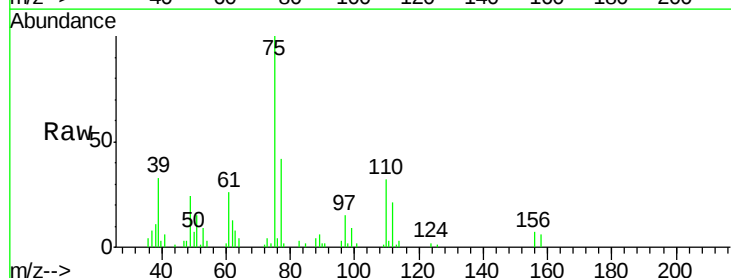
RT: 12.53 min Scan# 3401

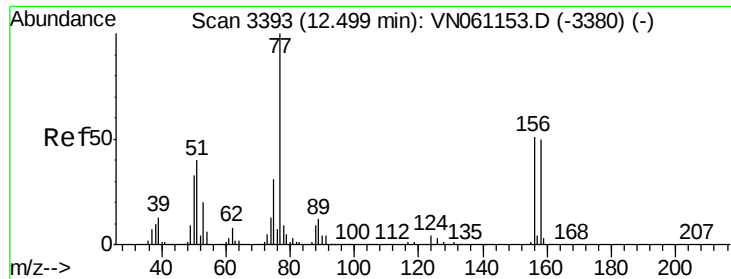
Delta R.T. -0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Tgt Ion:	75	Resp:	32492
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.246 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0511MBS01

Tot Ion:156 Resp: 22286

Ion Ratio Lower Upper

156 100

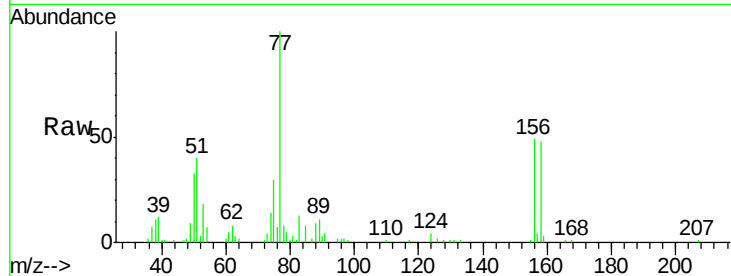
77 248.3 117.4 352.2

158 97.8 48.4 145.0

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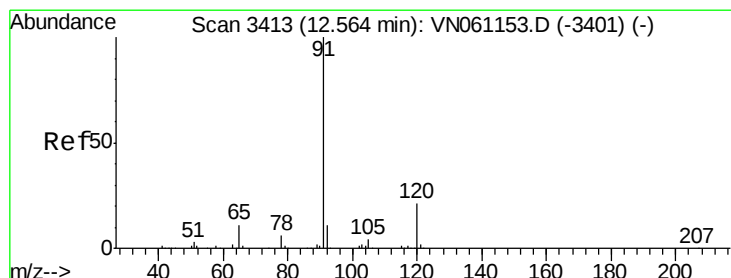
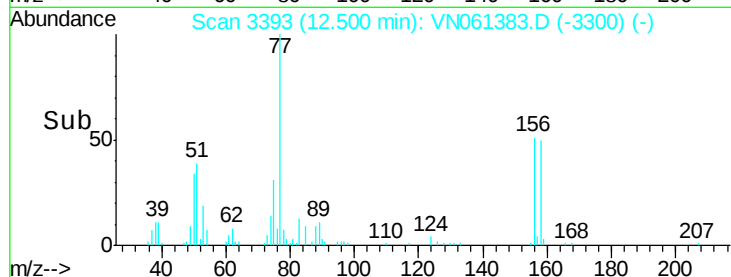
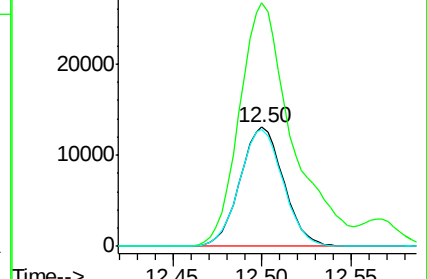
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.850 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061383.D

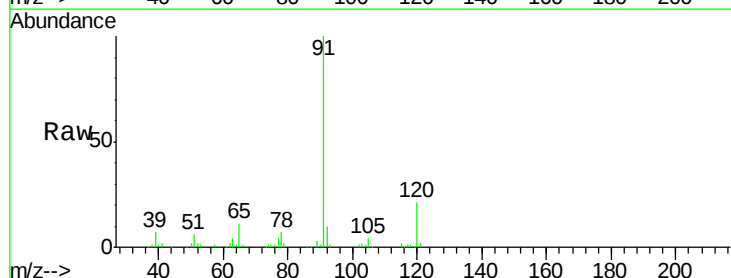
Acq: 11 May 2020 12:36

Tgt Ion: 91 Resp: 112156

Ion Ratio Lower Upper

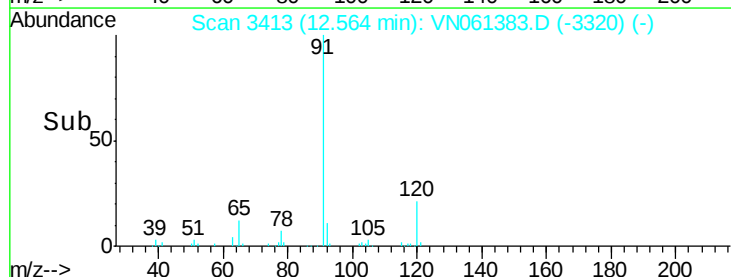
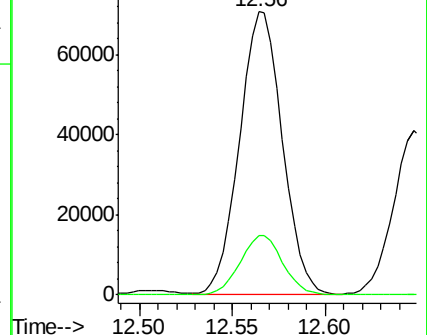
91 100

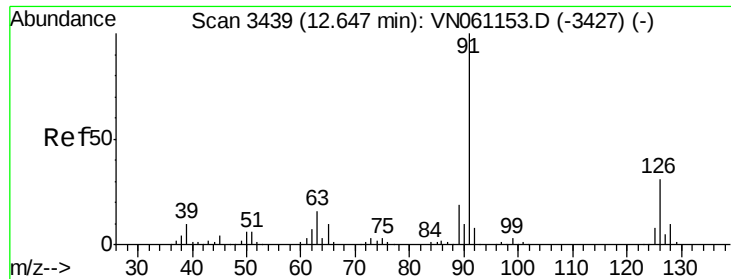
120 21.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





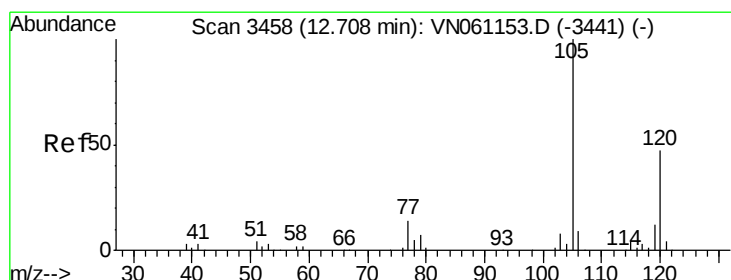
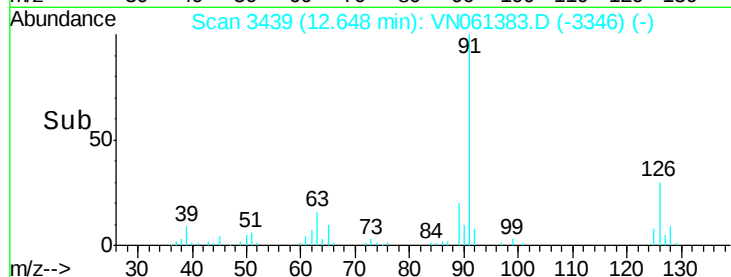
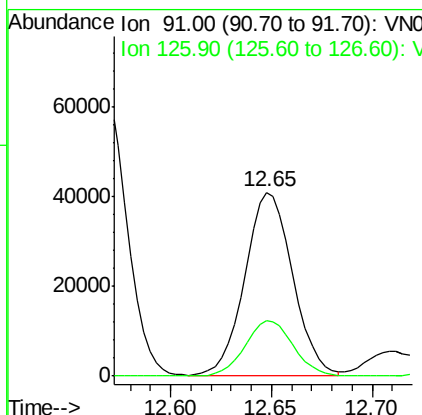
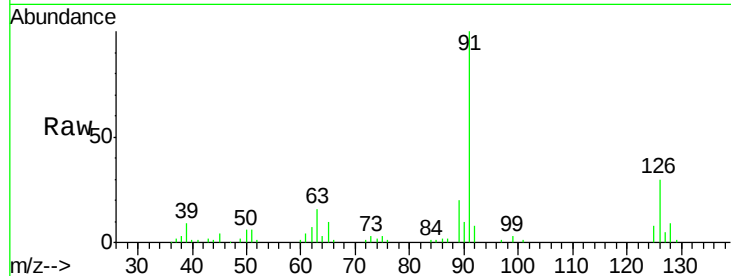
#79
 2-Chlorotoluene
 Concen: 19.322 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Tot Ion: 91 Resp: 67571
 Ion Ratio Lower Upper
 91 100
 126 30.5 15.9 47.7

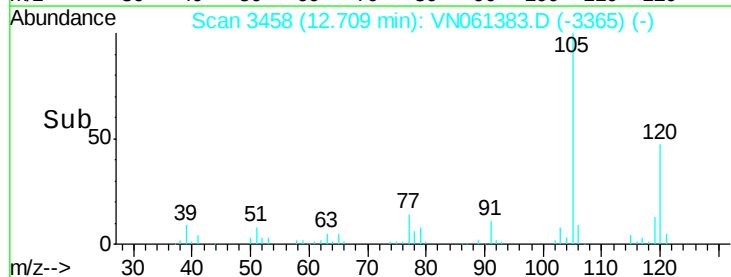
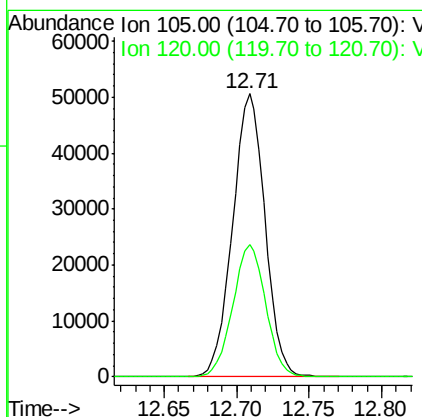
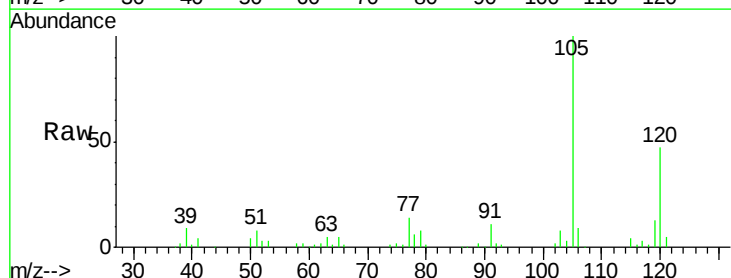
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.866 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion: 105 Resp: 78328
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.549 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

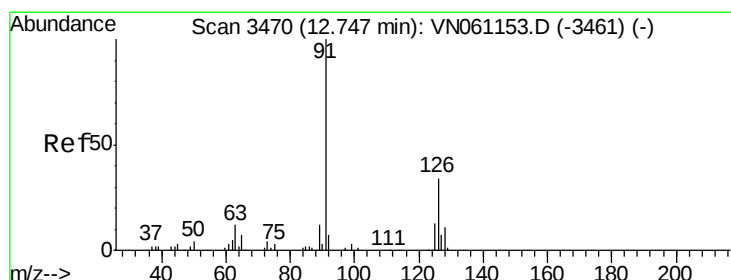
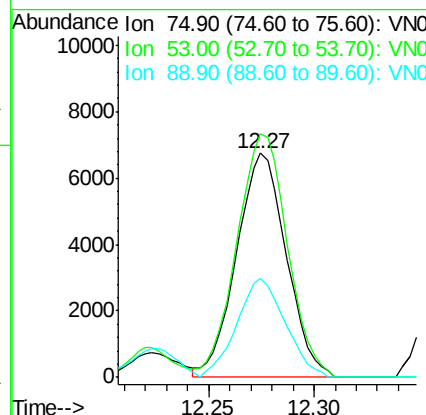
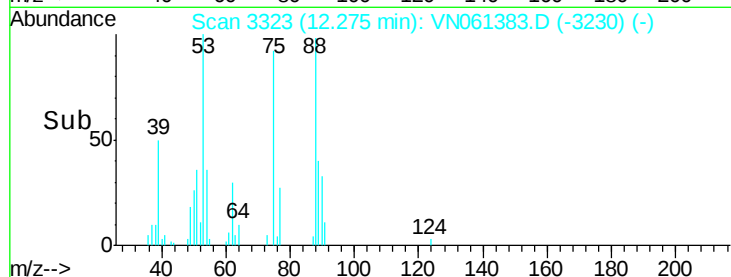
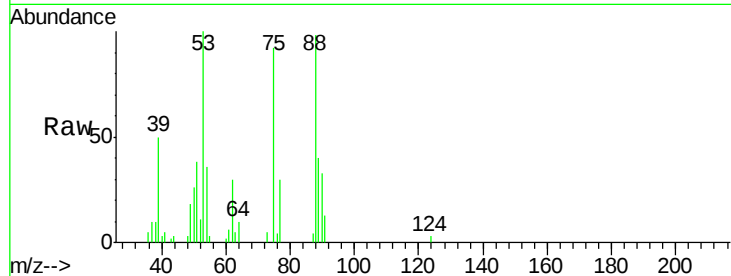
ClientSampleId :

VN0511MBS01

Tot Ion:	75	Resp:	11074
Ion	Ratio	Lower	Upper
75	100		
53	110.2	84.1	126.1
89	42.7	35.2	52.8

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#82

4-Chlorotoluene

Concen: 19.266 ug/l

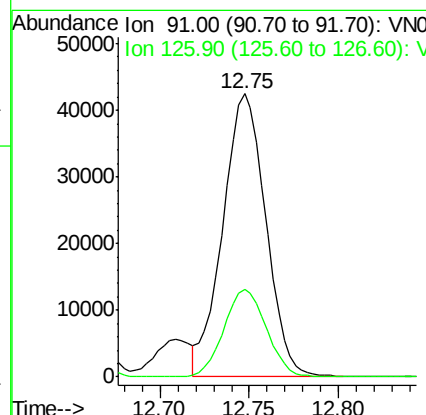
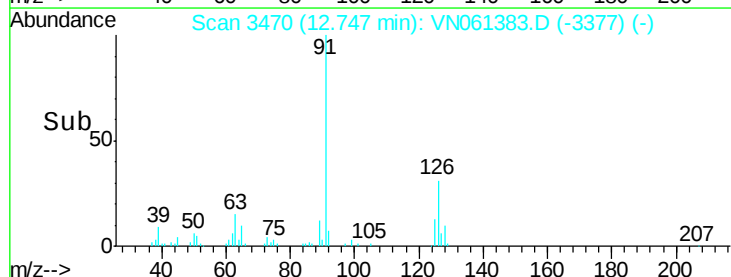
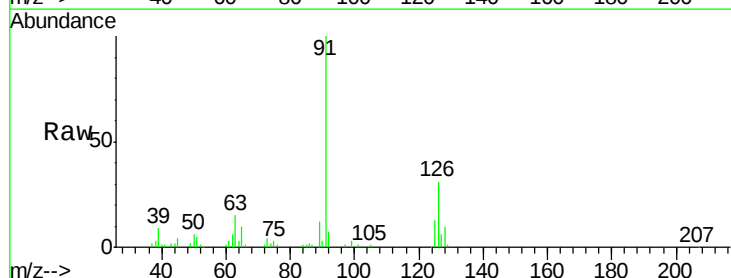
RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Tgt Ion:	91	Resp:	71010
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.7	47.1





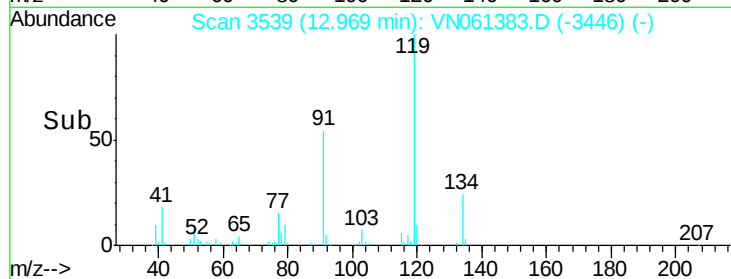
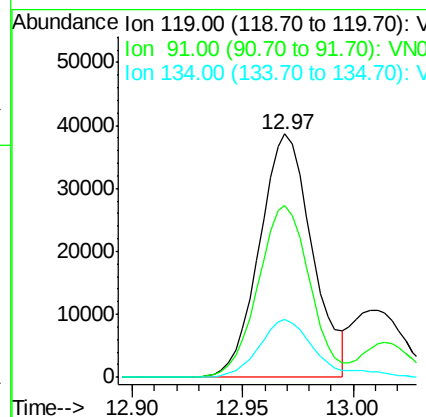
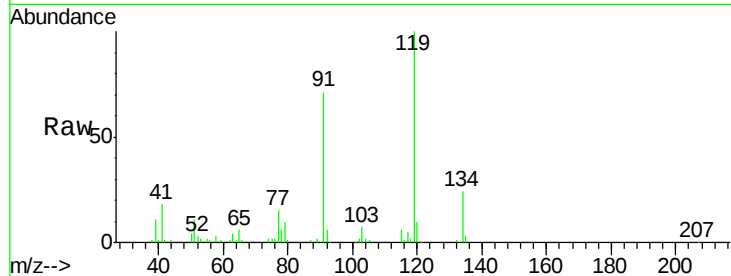
#83
 tert-Butylbenzene
 Concen: 18.231 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0511MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	63822		
91	69.6		34.8	104.4
134	25.6		12.9	38.7

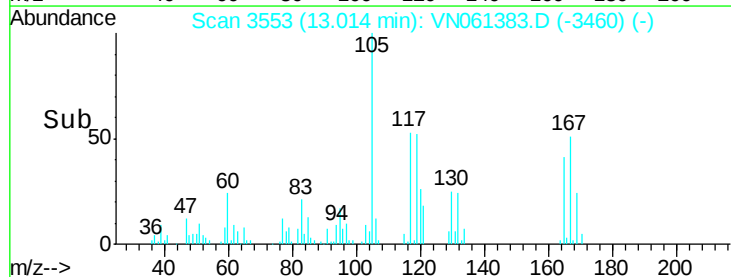
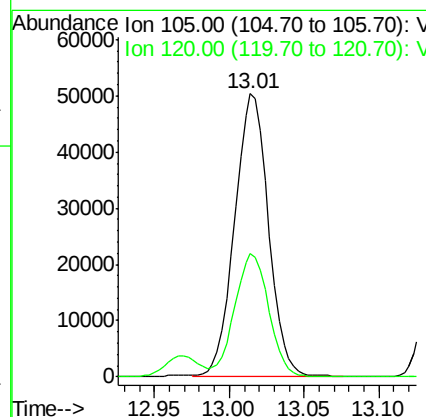
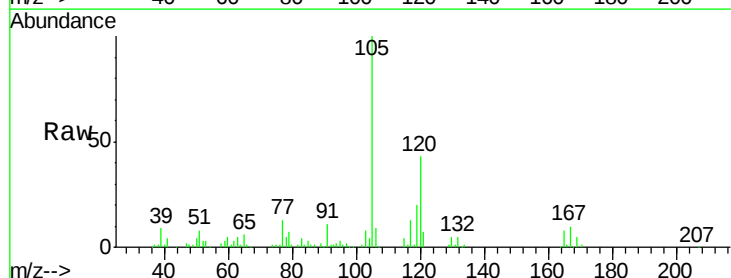
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.578 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	79465		
120	44.0		22.2	66.6





#85

sec-Butylbenzene

Concen: 17.965 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0511MBS01

Tot Ion:105 Resp: 85746

Ion Ratio Lower Upper

105 100

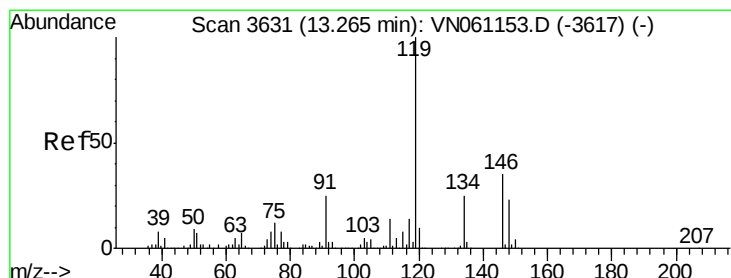
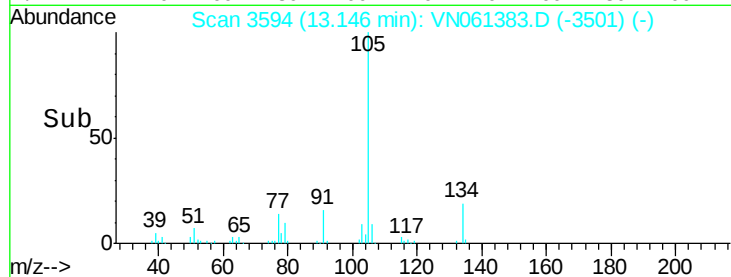
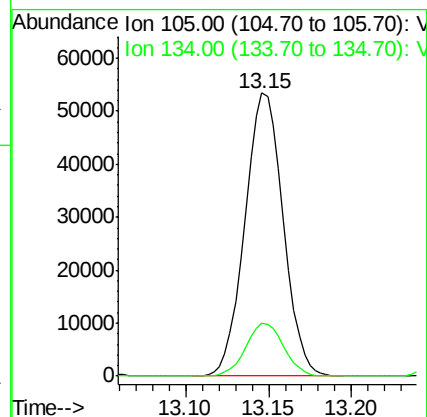
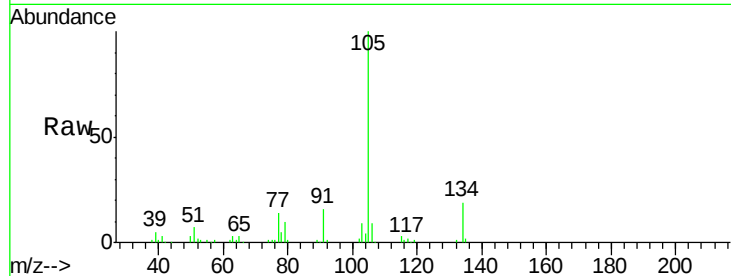
134 18.5 9.6 28.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 17.494 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

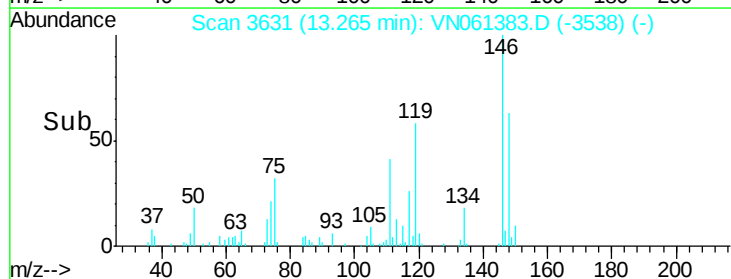
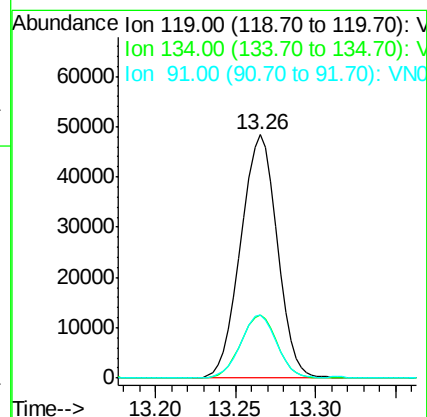
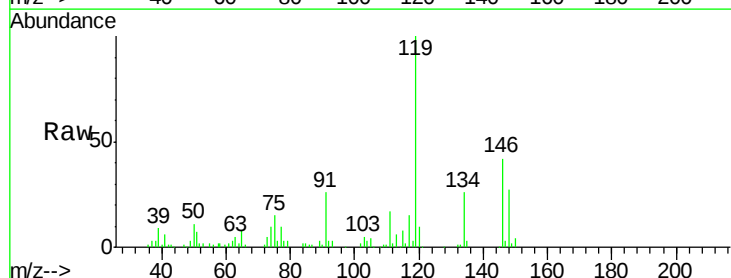
Tgt Ion:119 Resp: 75227

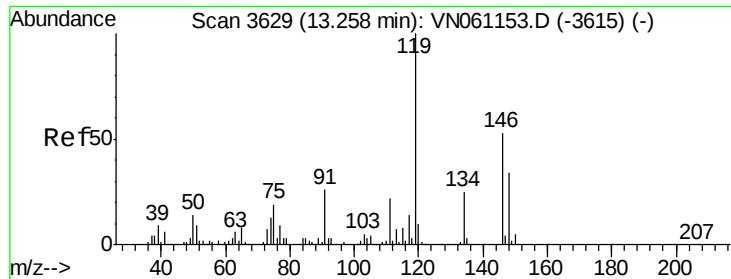
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.6

91 25.8 12.7 38.0





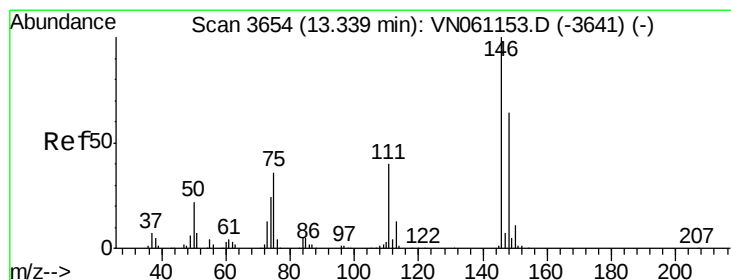
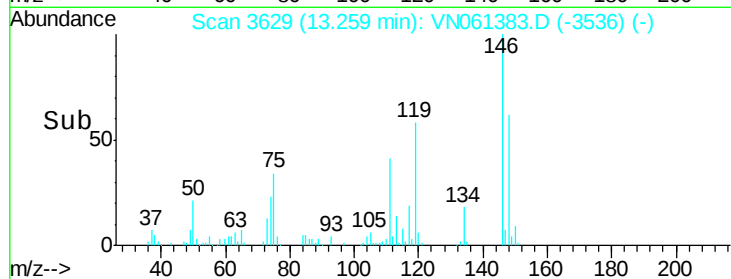
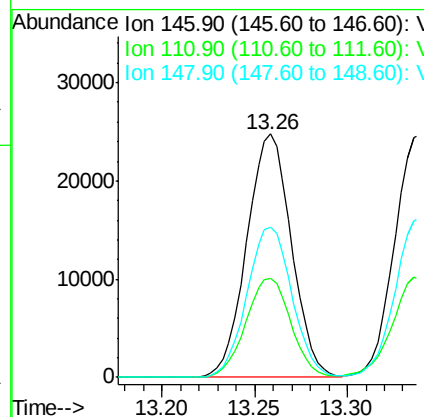
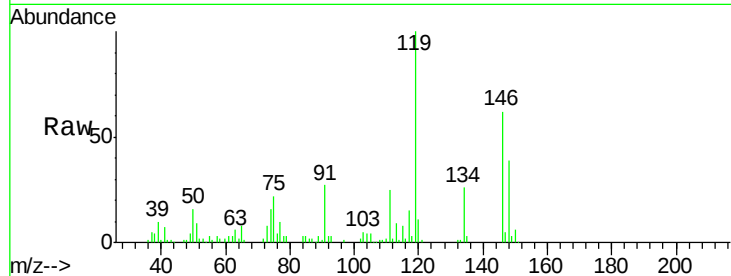
#87
 1,3-Dichlorobenzene
 Concen: 19.502 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.7	62.1
148	62.4	31.8	95.3

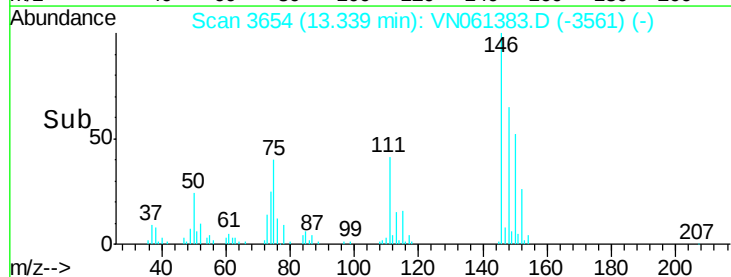
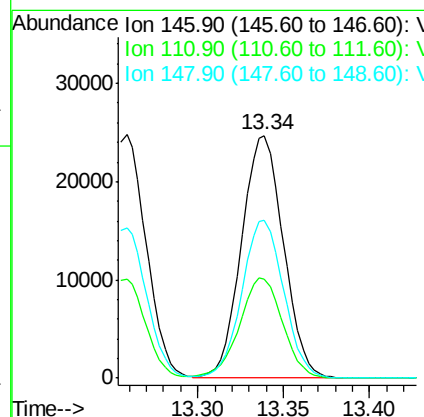
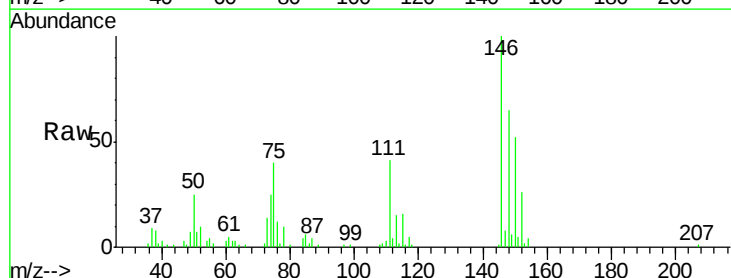
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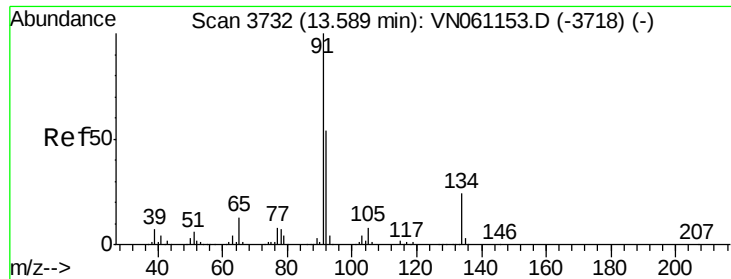
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#88
 1,4-Dichlorobenzene
 Concen: 19.189 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.4	61.3
148	65.1	31.9	95.7





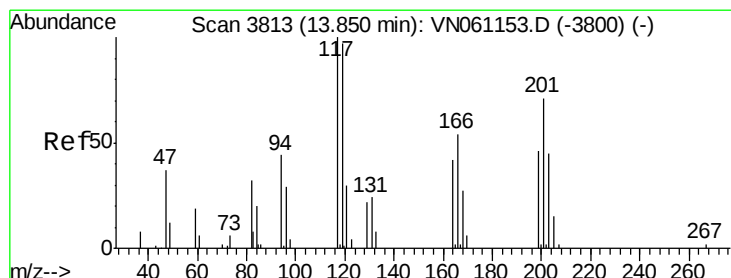
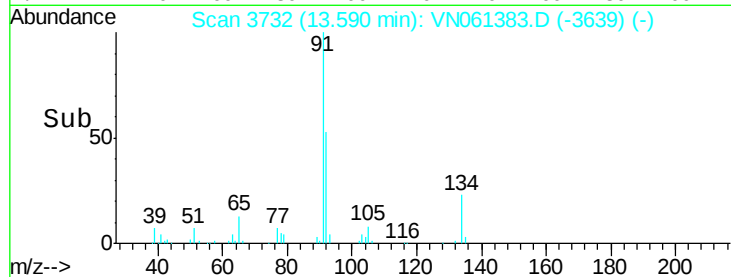
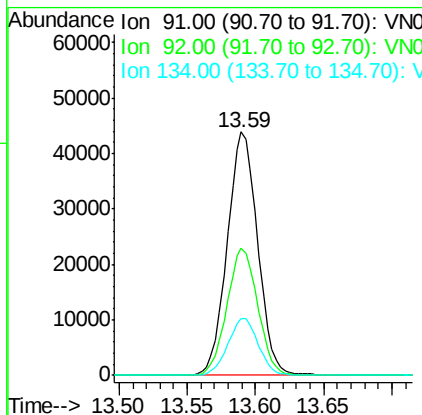
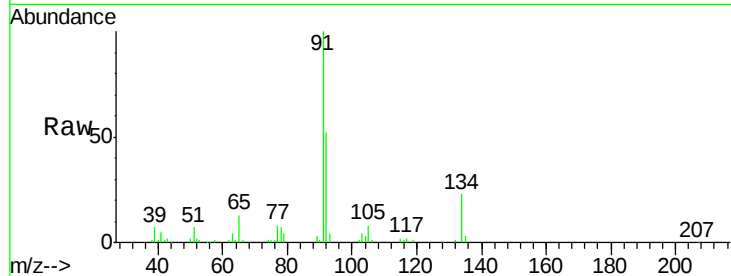
#89
n-Butylbenzene
Concen: 17.250 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0511MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.3
134	23.2	11.9	35.5

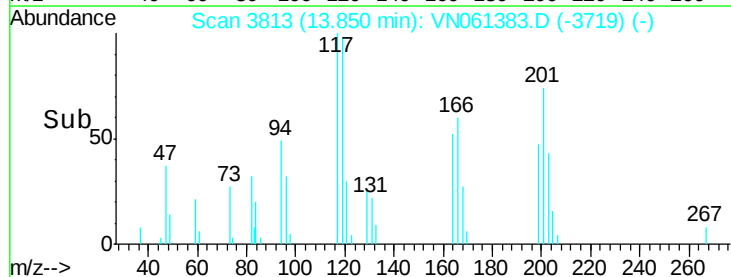
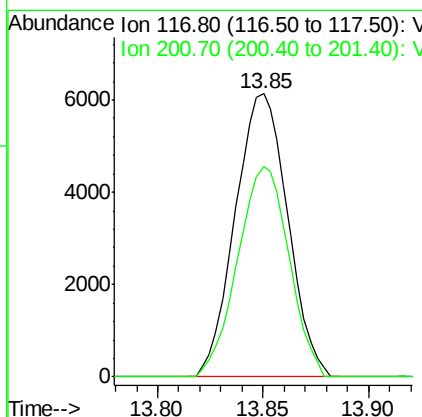
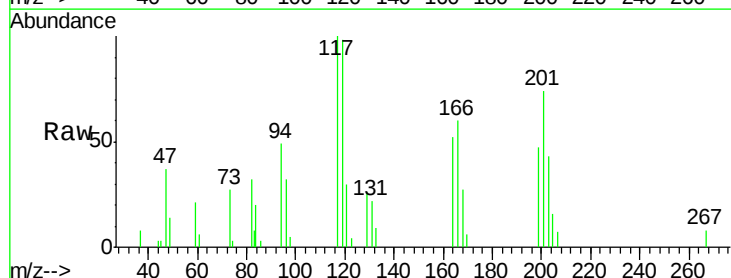
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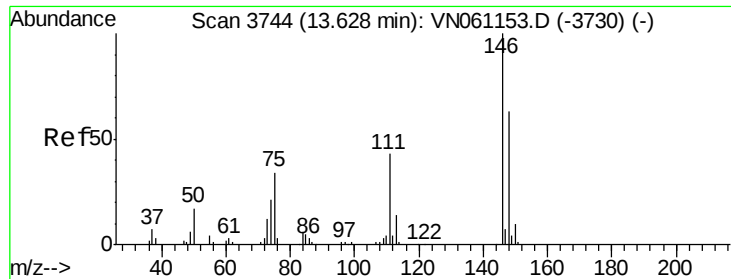
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#90
Hexachloroethane
Concen: 27.654 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061383.D
Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.8	35.5	106.7





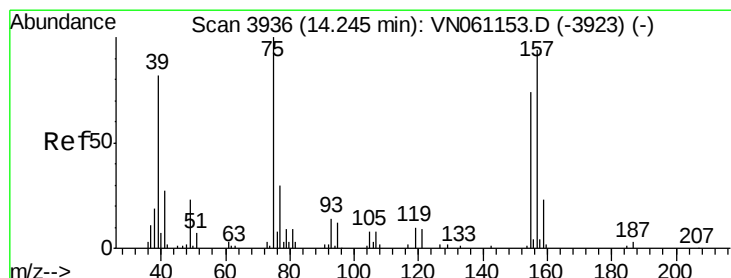
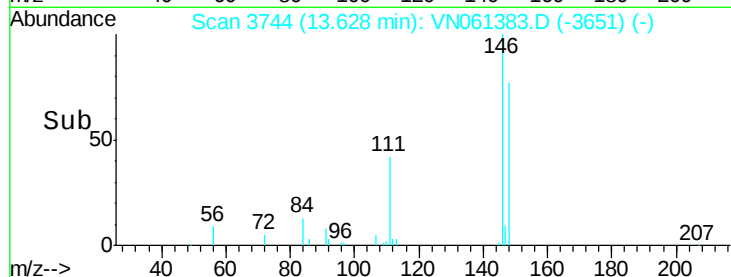
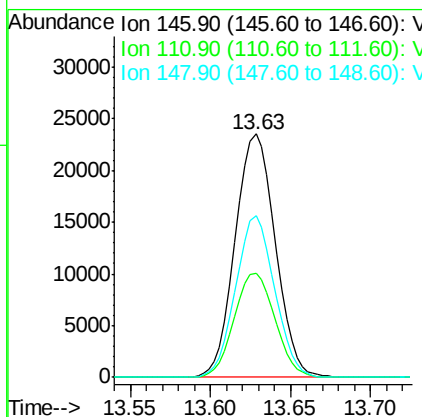
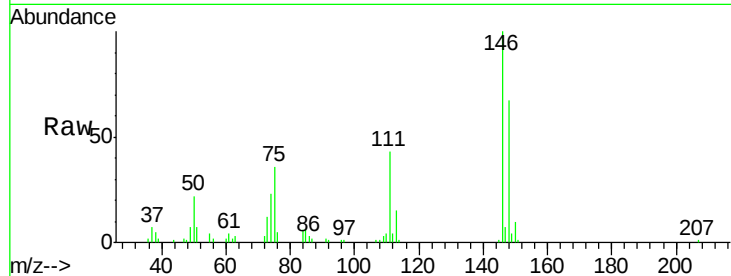
#91
 1,2-Dichlorobenzene
 Concen: 19.721 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.8	65.3
148	64.1	31.6	95.0

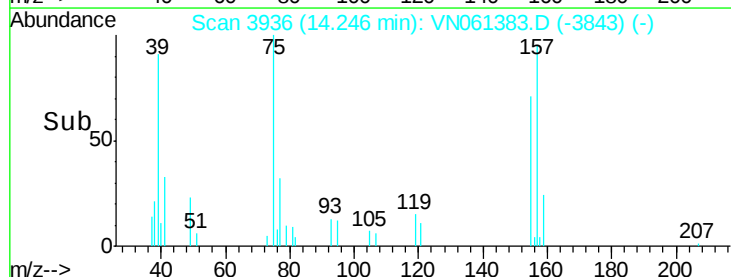
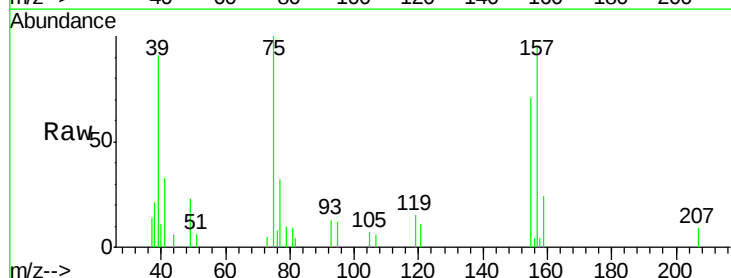
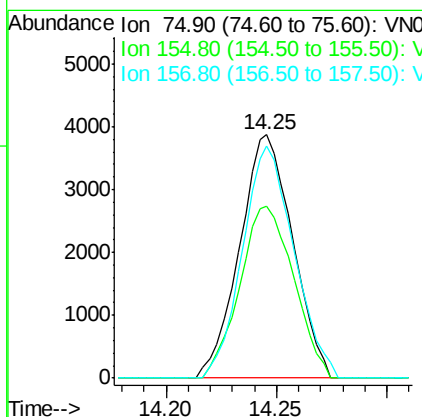
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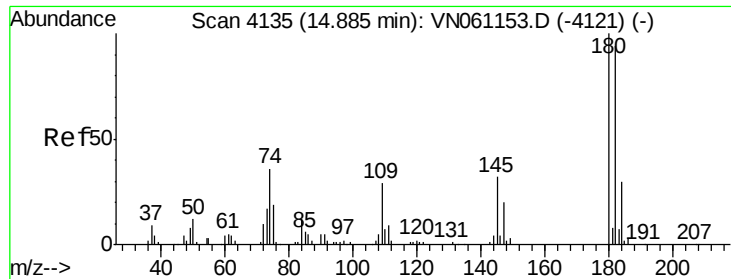
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.534 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.8	36.5	109.7
157	92.8	46.6	139.7





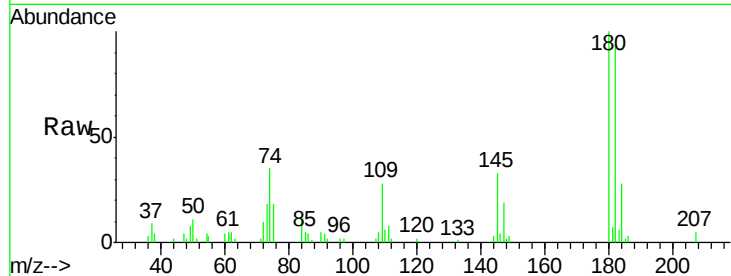
#93
 1,2,4-Trichlorobenzene
 Concen: 17.989 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

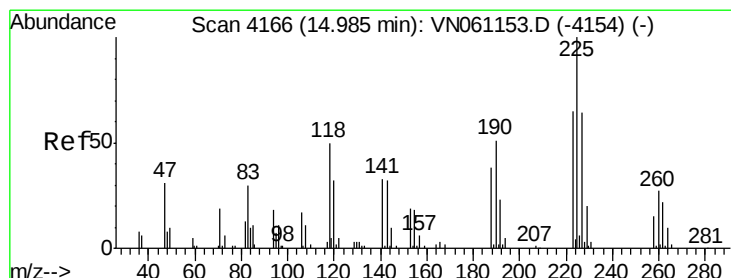
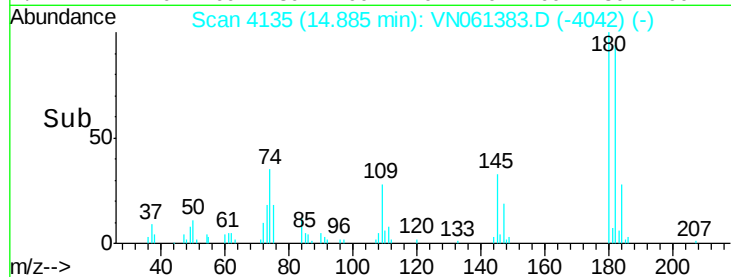
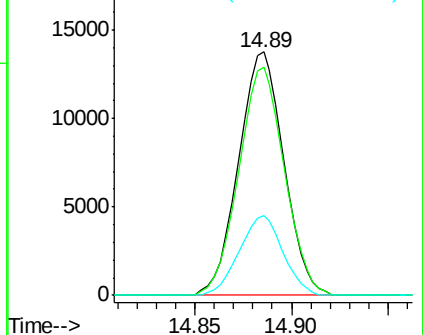
Tot Ion	Ratio	Resp	Lower	Upper
180	100	22390		
182	94.4	47.3	141.9	
145	31.6	16.0	47.9	

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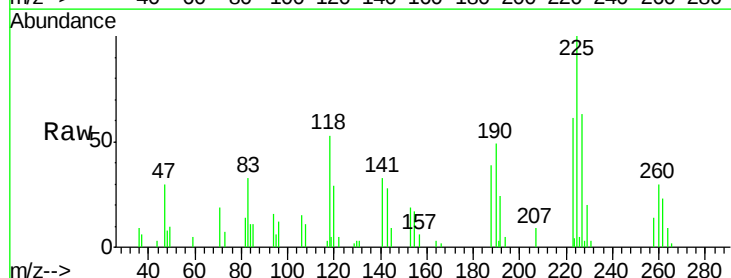


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

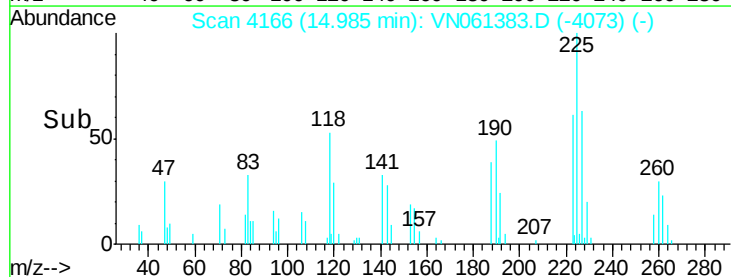
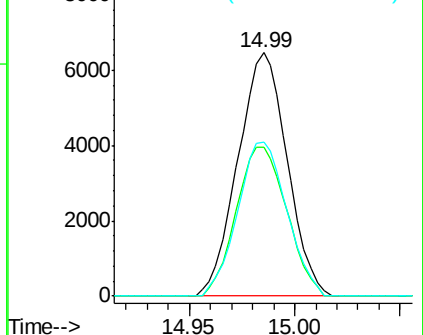


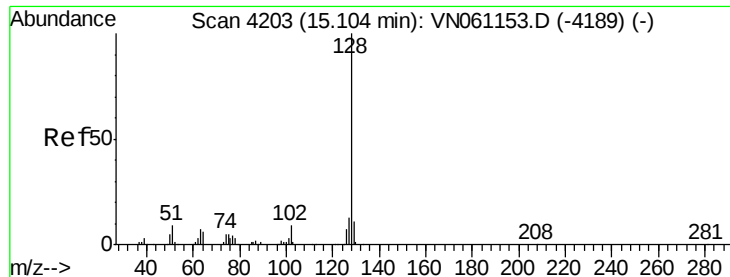
#94
 Hexachlorobutadiene
 Concen: 20.158 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061383.D
 Acq: 11 May 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	10482		
223	62.9	32.4	97.0	
227	63.2	32.4	97.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.869 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Instrument :

MSVOA_N

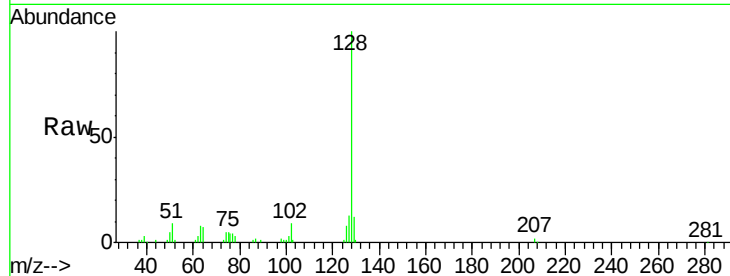
ClientSampled :

VN0511MBS01

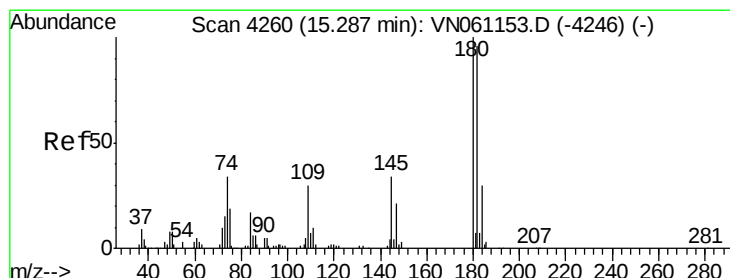
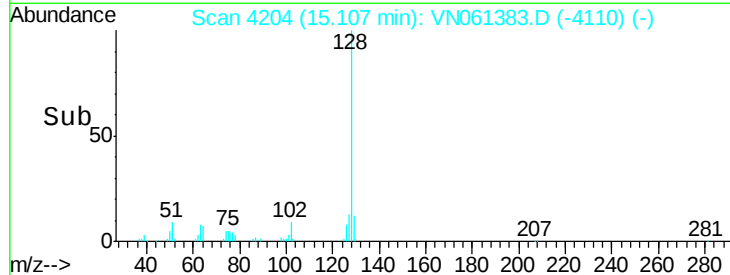
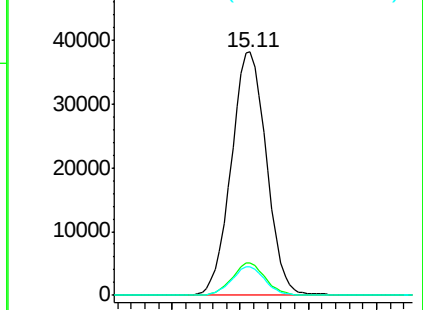
Tot Ion:	128	Resp:	68380
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.4	15.6
129	10.9	8.7	13.1

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



#96

1,2,3-Trichlorobenzene

Concen: 18.190 ug/l

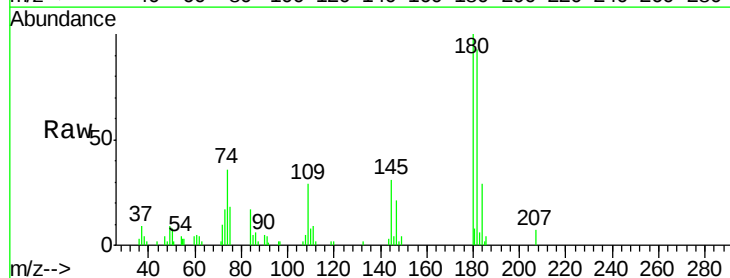
RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN061383.D

Acq: 11 May 2020 12:36

Tgt Ion:	180	Resp:	22353
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.5	142.5
145	32.4	16.9	50.7



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

