

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061674.D
 Acq On : 5 Jun 2020 17:04
 Operator : JC/MD
 Sample : L2904-02MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:49:09 AM

Quant Time: Jun 06 04:02:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	331886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	552334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	531048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	272074	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	185317	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	7.55	113	148610	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.06	98	634818	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.38	95	235757	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	157944	41.420	ug/l	98
3) Chloromethane	2.03	50	174727	43.164	ug/l	100
4) Vinyl Chloride	2.16	62	242494	43.715	ug/l	99
5) Bromomethane	2.52	94	147987	46.492	ug/l	96
6) Chloroethane	2.67	64	159654	44.714	ug/l	100
7) Trichlorofluoromethane	2.98	101	325816	45.548	ug/l	99
8) Diethyl Ether	3.37	74	95673	43.740	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	141146	44.466	ug/l	99
10) Methyl Iodide	3.91	142	188718	42.827	ug/l	99
11) Tert butyl alcohol	4.73	59	141765	269.538	ug/l	99
12) 1,1-Dichloroethene	3.70	96	146797	43.286	ug/l	92
13) Acrolein	3.56	56	40980	271.616	ug/l	95
14) Allyl chloride	4.27	41	184849	41.693	ug/l	98
15) Acrylonitrile	4.93	53	355707	242.299	ug/l	100
16) Acetone	3.77	43	270954	248.598	ug/l	97
17) Carbon Disulfide	4.01	76	288536	38.672	ug/l	100
18) Methyl Acetate	4.28	43	164846	46.052	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	519085	44.911	ug/l	99
20) Methylene Chloride	4.50	84	171038	47.502	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	169159	44.230	ug/l	93
22) Diisopropyl ether	5.90	45	432253	44.235	ug/l	98
23) Vinyl Acetate	5.84	43	1638088	210.325	ug/l	97
24) 1,1-Dichloroethane	5.80	63	276067	44.552	ug/l	99
25) 2-Butanone	6.79	43	441506	235.594	ug/l	98
26) 2,2-Dichloropropane	6.77	77	229208	40.414	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	199326	46.026	ug/l	98
28) Bromochloromethane	7.15	49	113409	48.717	ug/l	97
29) Tetrahydrofuran	7.17	42	286200	231.599	ug/l	97
30) Chloroform	7.33	83	314910	45.937	ug/l	99
31) Cyclohexane	7.61	56	226628	40.667	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	286062	45.795	ug/l	99
36) 1,1-Dichloropropene	7.75	75	219929	44.979	ug/l	98
37) Ethyl Acetate	6.88	43	184441	46.833	ug/l	98
38) Carbon Tetrachloride	7.73	117	237114	50.275	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	245398	40.718	ug/l	97
40) Benzene	8.00	78	690428	45.764	ug/l	98
41) Methacrylonitrile	7.12	41	81901	45.391	ug/l	95
42) 1,2-Dichloroethane	8.09	62	225290	44.605	ug/l	99
43) Isopropyl Acetate	8.13	43	315859	44.579	ug/l	98
44) Trichloroethene	8.80	130	210501	45.401	ug/l	94
45) 1,2-Dichloropropane	9.09	63	166200	46.394	ug/l	98
46) Dibromomethane	9.17	93	127893	46.549	ug/l	99
47) Bromodichloromethane	9.37	83	250659	46.048	ug/l	97
48) Methyl methacrylate	9.17	41	145874	45.760	ug/l	98
49) 1,4-Dioxane	9.16	88	59403	1202.867	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	980077	245.463	ug/l	99
52) Toluene	10.12	92	463354	47.056	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	266188	45.394	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	281998	44.725	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	185614	47.314	ug/l	98
56) Ethyl methacrylate	10.40	69	264384	48.244	ug/l	98
57) 1,3-Dichloropropane	10.68	76	299967	47.808	ug/l	99
59) 2-Hexanone	10.72	43	718549	250.584	ug/l	98
60) Dibromochloromethane	10.87	129	220089	49.348	ug/l	100
61) 1,2-Dibromoethane	10.98	107	203286	49.685	ug/l	99
64) Tetrachloroethene	10.60	164	211493	42.308	ug/l	98
65) Chlorobenzene	11.41	112	521399	47.234	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	199569	48.555	ug/l	100
67) Ethyl Benzene	11.48	91	895274	46.925	ug/l	99
68) m/p-Xylenes	11.60	106	706935	93.450	ug/l	99
69) o-Xylene	11.92	106	344404	47.933	ug/l	98
70) Styrene	11.94	104	577381	48.524	ug/l	98
71) Bromoform	12.10	173	160956	50.820	ug/l #	100
73) Isopropylbenzene	12.22	105	894147	45.028	ug/l	100
74) N-amyl acetate	12.04	43	282587	45.187	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	253222	45.504	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	220059m	44.480	ug/l	
77) Bromobenzene	12.50	156	242558	47.853	ug/l	97
78) n-propylbenzene	12.56	91	993288	44.806	ug/l	100
79) 2-Chlorotoluene	12.65	91	586226	44.348	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	737131	44.412	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	83807	43.319	ug/l	99
82) 4-Chlorotoluene	12.75	91	615482	44.259	ug/l	99
83) tert-Butylbenzene	12.97	119	643803	43.902	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	755645	45.828	ug/l	99
85) sec-Butylbenzene	13.15	105	814389	43.097	ug/l	100
86) p-Isopropyltoluene	13.26	119	764563	43.935	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	423765	47.211	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	430793	47.112	ug/l	99
89) n-Butylbenzene	13.59	91	618611	42.441	ug/l	99
90) Hexachloroethane	13.85	117	114150	59.313	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	408220	47.590	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	49700	43.792	ug/l	93
93) 1,2,4-Trichlorobenzene	14.88	180	230653	45.977	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	87177	40.745	ug/l	98
95) Naphthalene	15.10	128	732567	47.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	226642	45.949	ug/l	99

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

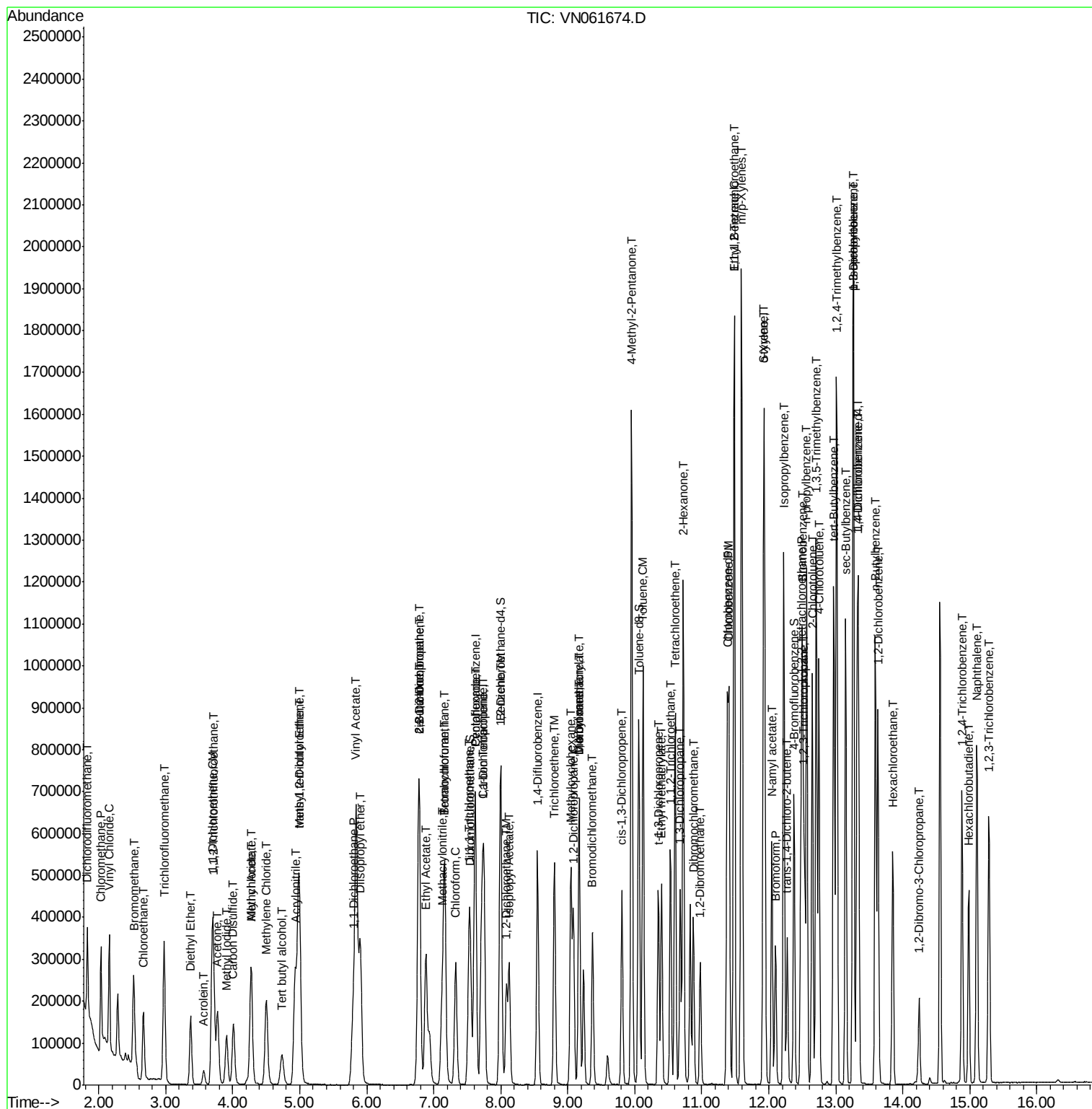
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
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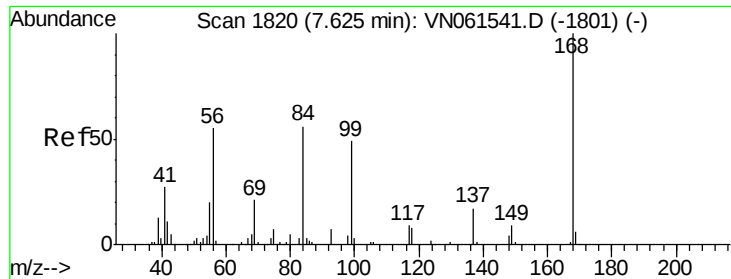
Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MS

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

Tot Ion:168 Resp: 331886

Ion Ratio Lower Upper

168 100

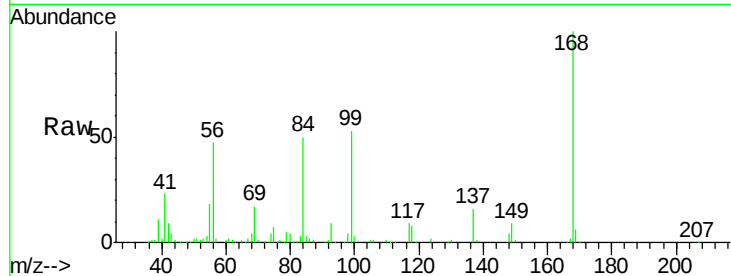
99 52.3 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

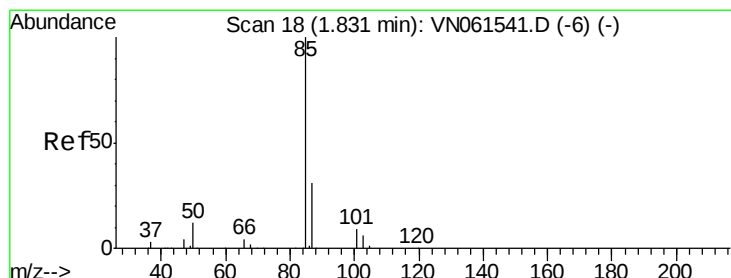
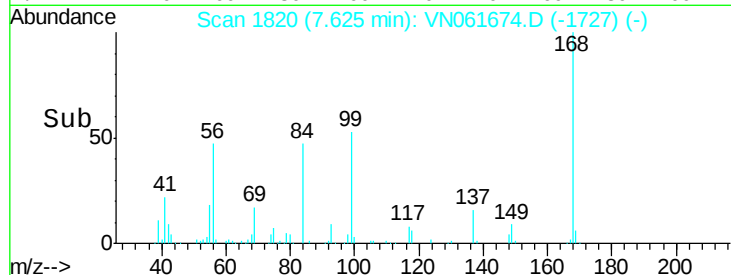
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50000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 41.420 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061674.D

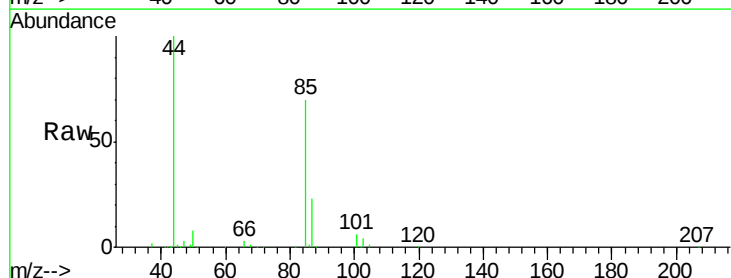
Acq: 5 Jun 2020 17:04

Tgt Ion: 85 Resp: 157944

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

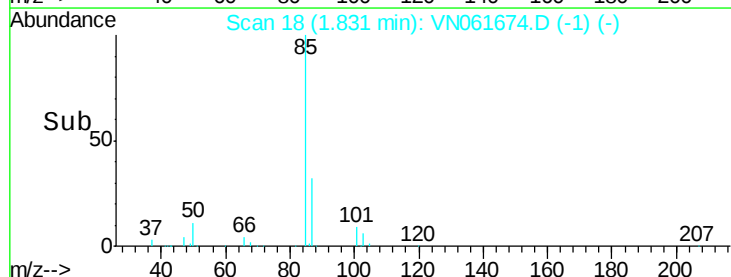
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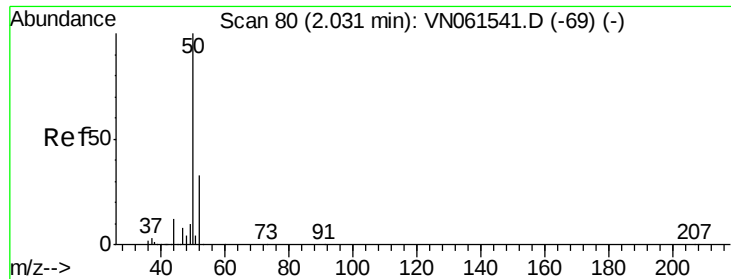
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 43.164 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MS

Tot Ion: 50 Resp: 174727

Ion Ratio Lower Upper

50 100

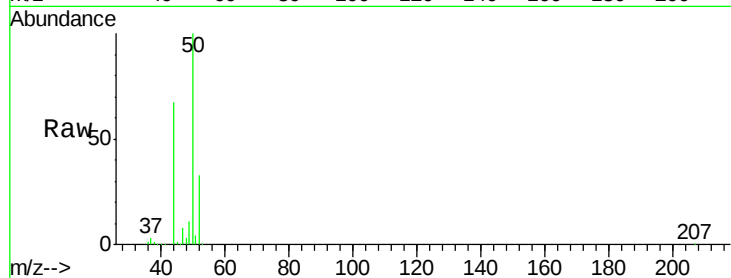
52 33.4 26.7 40.1

Manual Integrations

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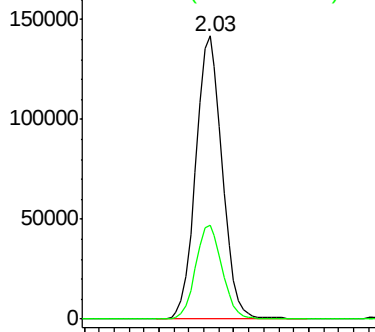
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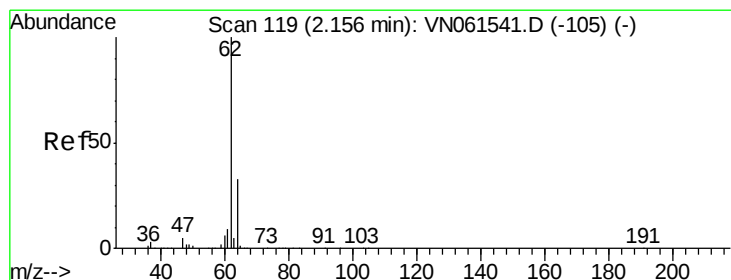
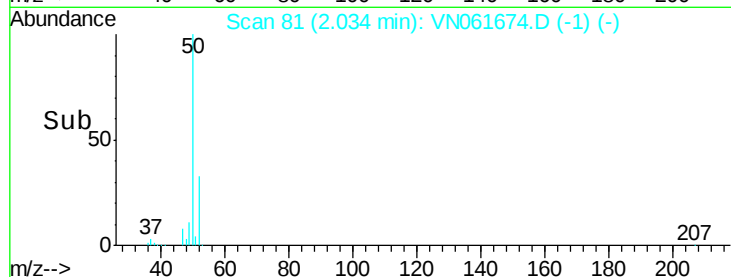


Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 43.715 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061674.D

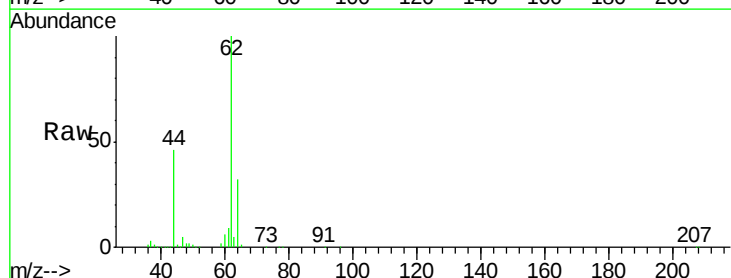
Acq: 5 Jun 2020 17:04

Tgt Ion: 62 Resp: 242494

Ion Ratio Lower Upper

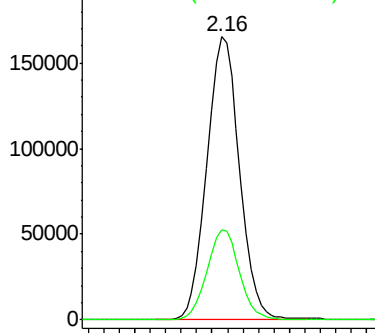
62 100

64 31.9 26.2 39.2

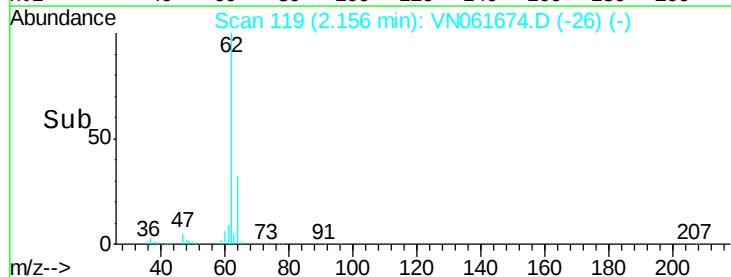


Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO



Time--> 2.10 2.15 2.20





#5

Bromomethane

Concen: 46.492 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.01 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

Tot Ion: 94 Resp: 147987

Ion Ratio Lower Upper

94 100

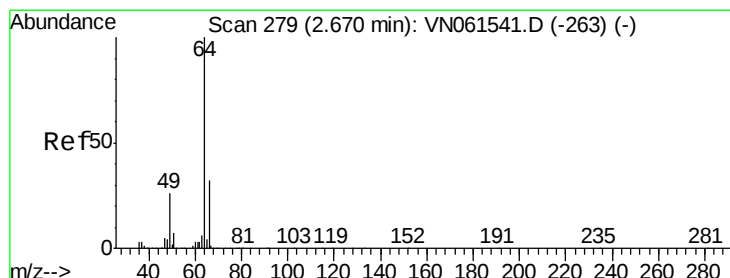
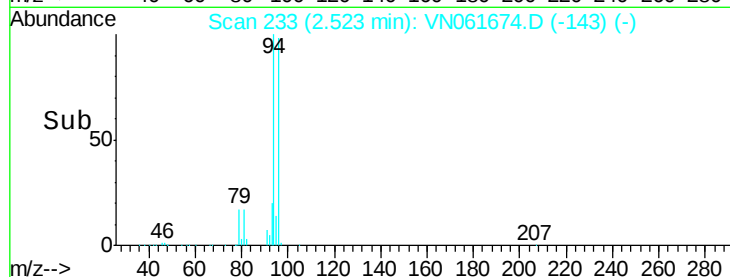
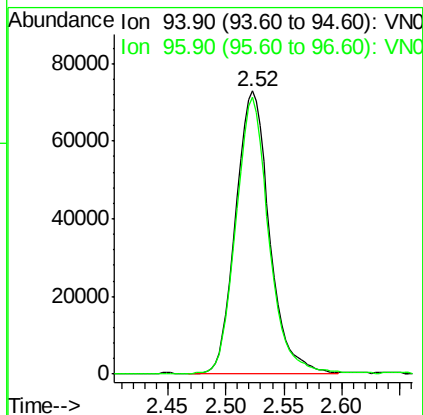
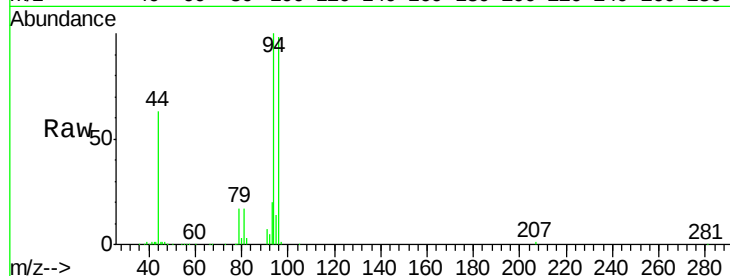
96 97.4 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 44.714 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061674.D

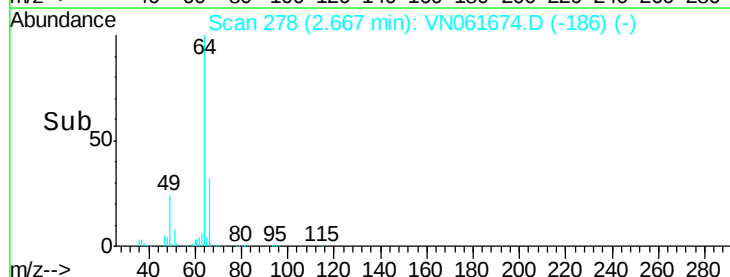
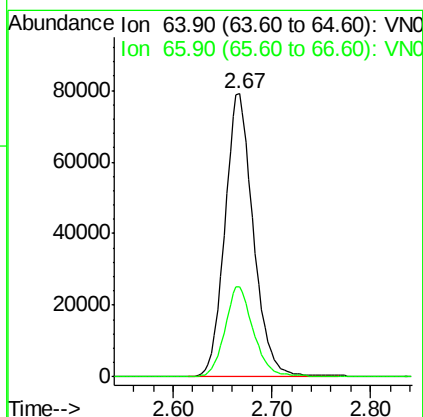
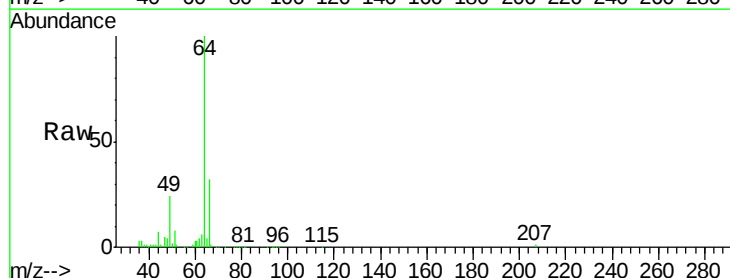
Acq: 5 Jun 2020 17:04

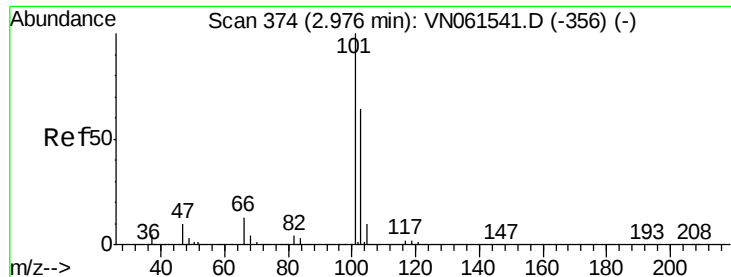
Tgt Ion: 64 Resp: 159654

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

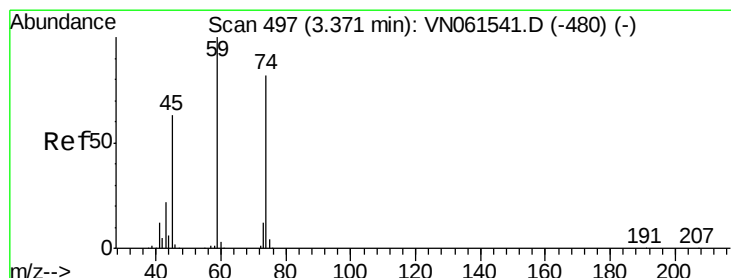
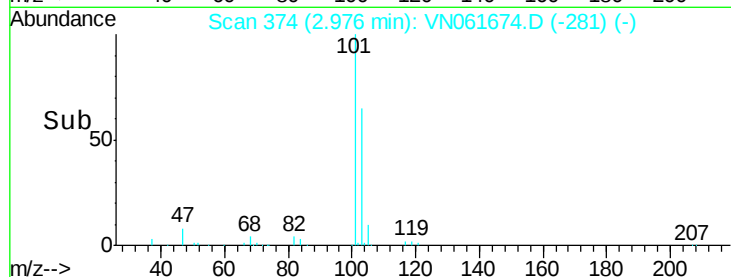
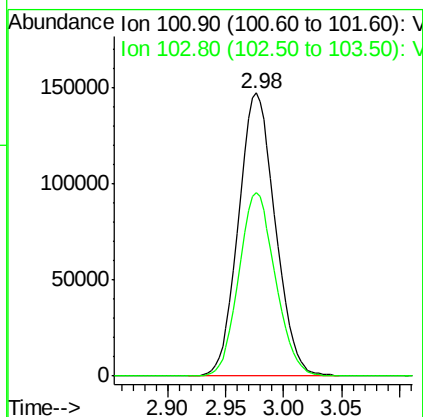
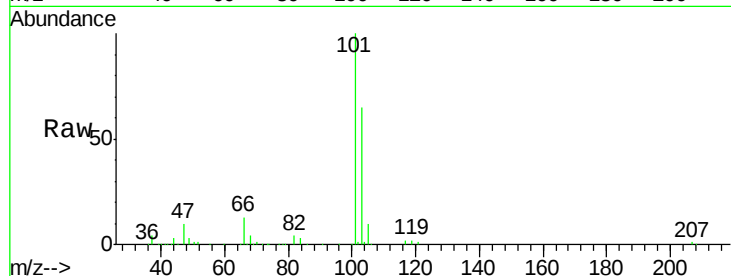
Trichlorofluoromethane
Concen: 45.548 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.4	77.2

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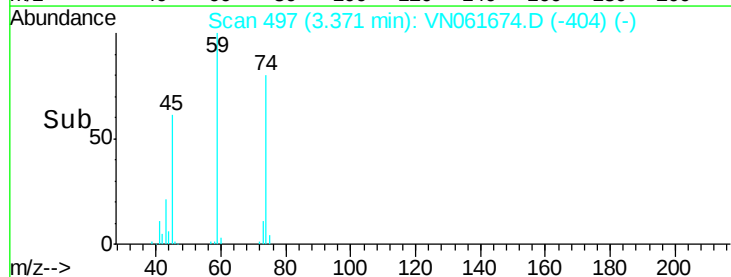
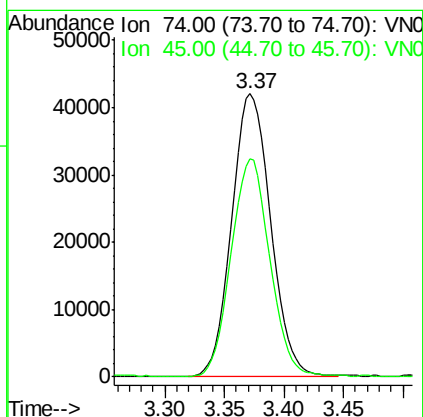
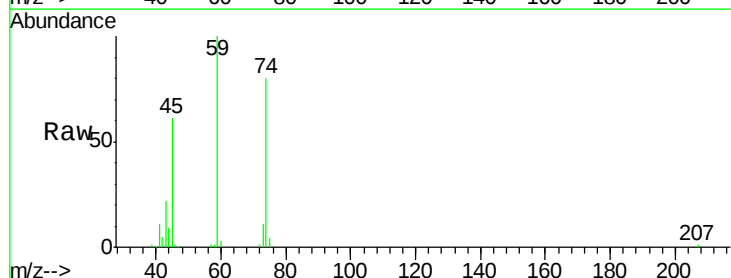
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6/8/2020 11:49:09 AM



#8

Diethyl Ether
Concen: 43.740 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061674.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	76.8	39.9	119.7





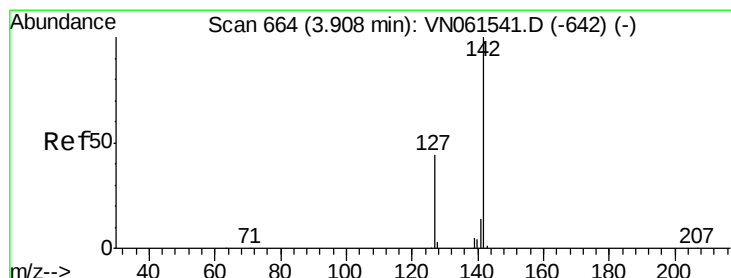
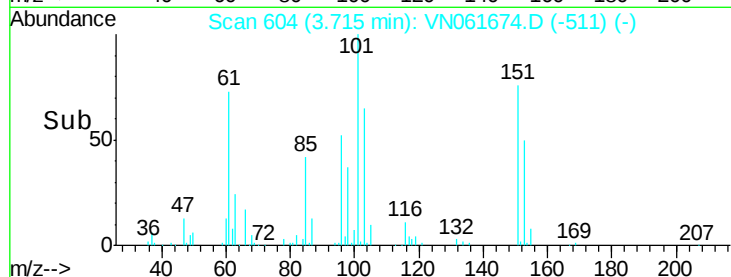
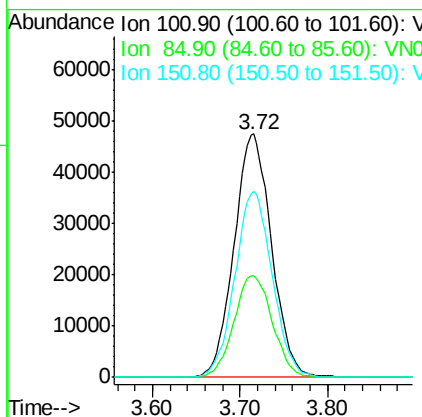
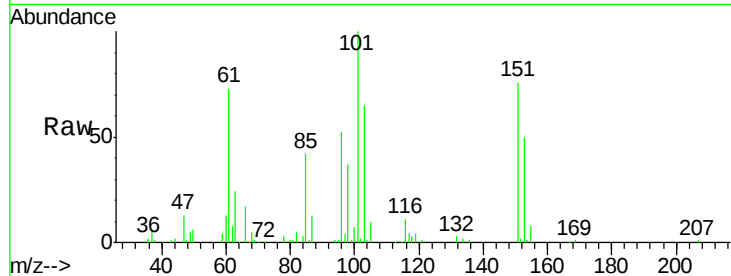
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.466 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	141146		
85	42.5	35.2	52.8	
151	76.0	61.0	91.6	

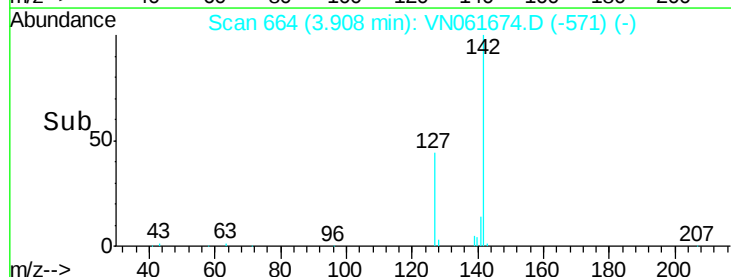
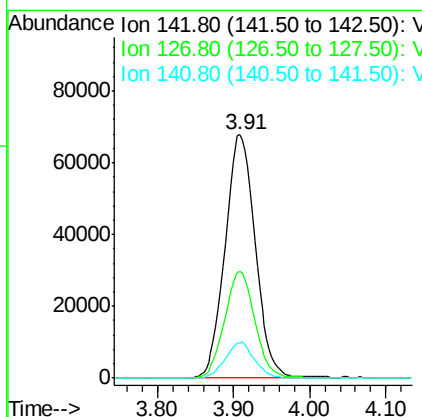
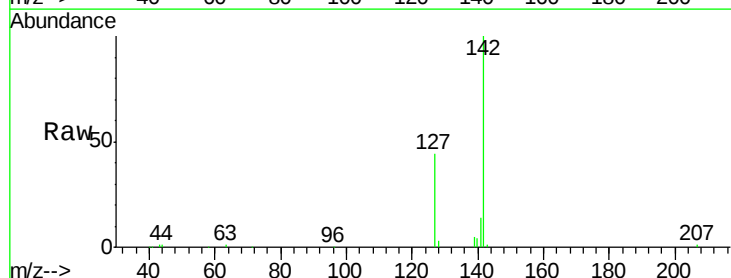
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#10
Methyl Iodide
Concen: 42.827 ug/l
RT: 3.91 min Scan# 664
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	188718		
127	43.7	35.5	53.3	
141	14.1	11.5	17.3	





#11

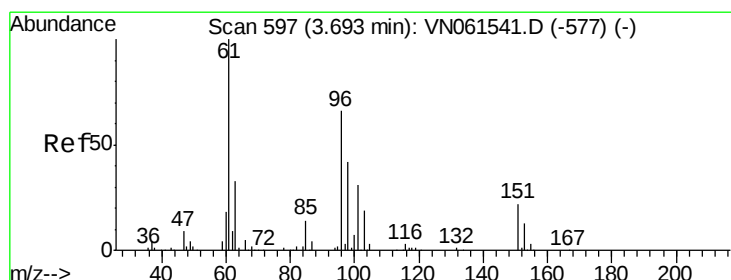
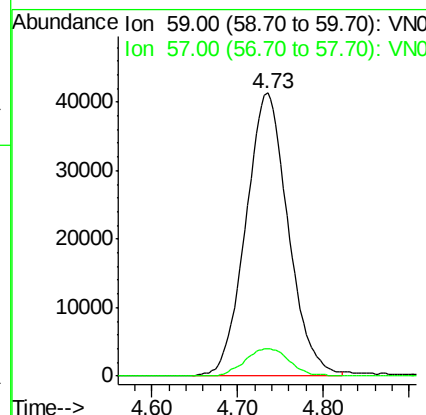
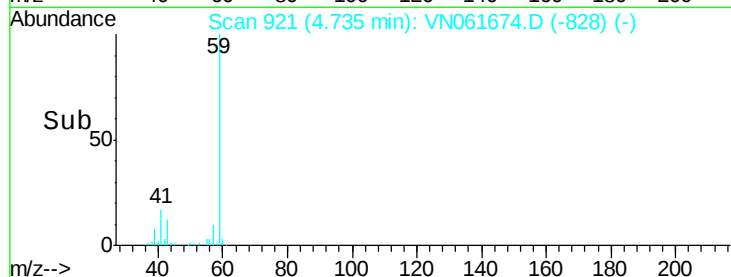
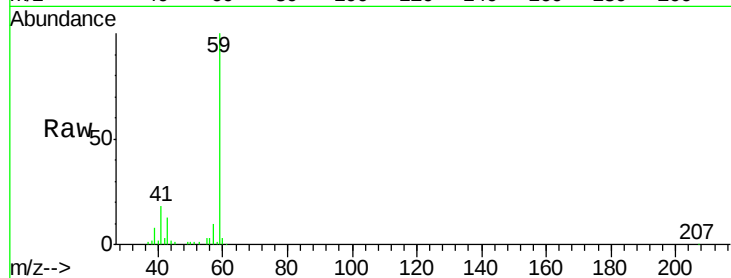
Tert butyl alcohol
Concen: 269.538 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion	59	Resp	141765
Ion Ratio	100	Lower	Upper
57	10.2	8.4	12.6

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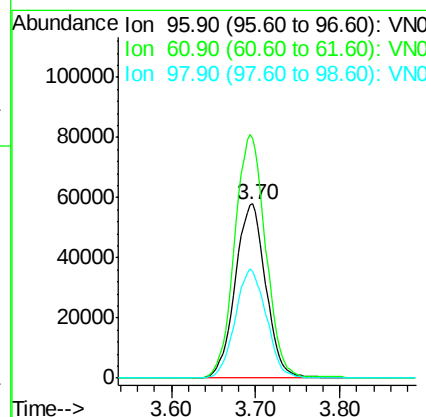
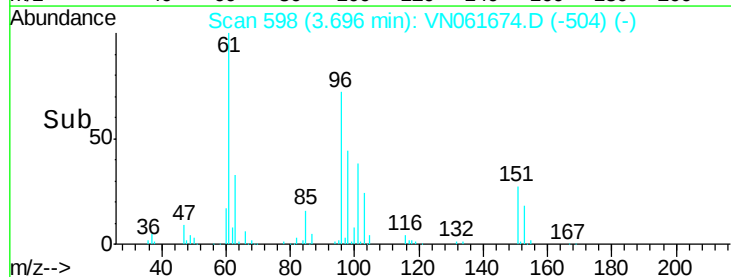
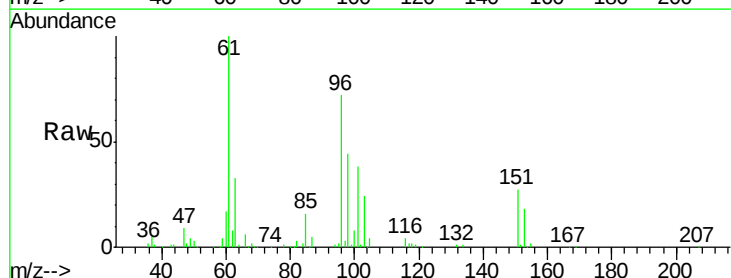
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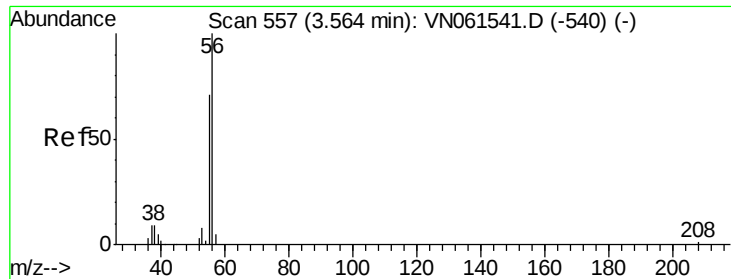


#12

1,1-Dichloroethene
Concen: 43.286 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	96	Resp	146797
Ion Ratio	100	Lower	Upper
61	137.9	120.5	180.7
98	61.1	50.8	76.2





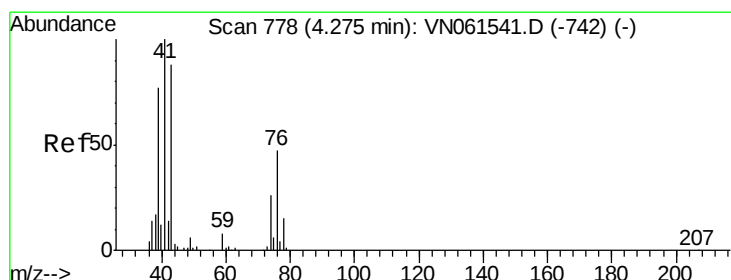
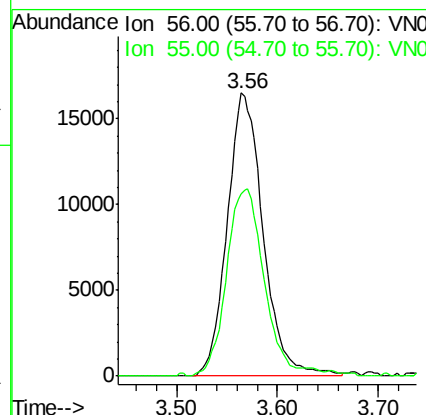
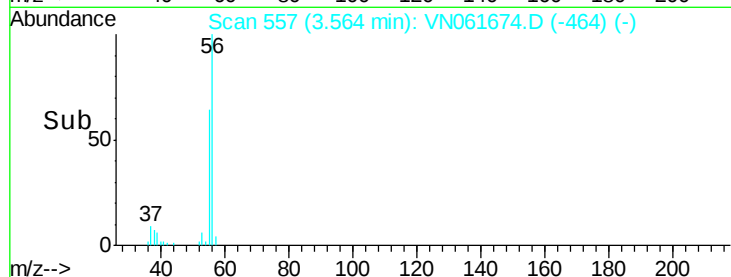
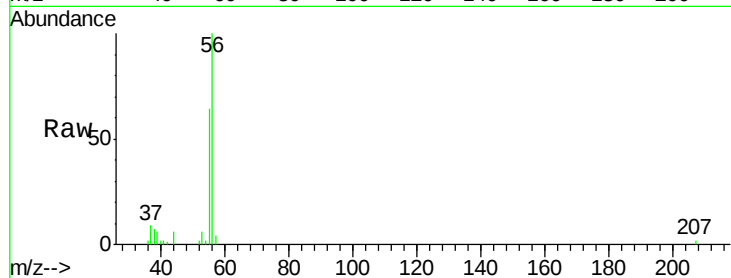
#13
Acrolein
Concen: 271.616 ug/l
RT: 3.56 min Scan# 557
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion	56	Resp	40980
Ion Ratio	100	Lower	Upper
56	100		
55	68.2	58.0	87.0

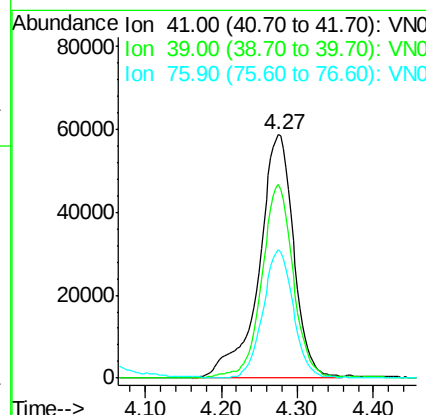
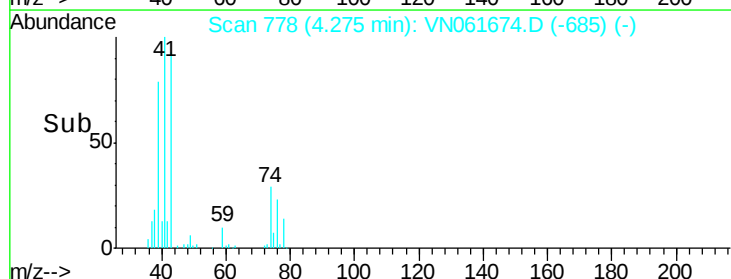
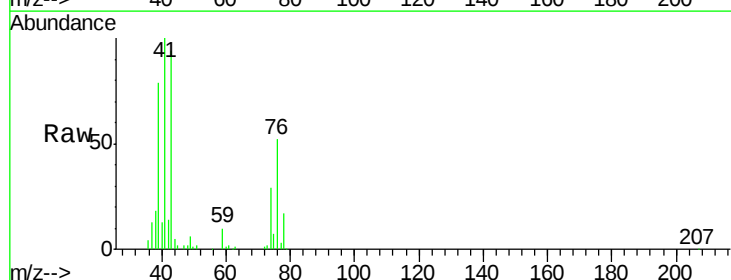
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#14
Allyl chloride
Concen: 41.693 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	41	Resp	184849
Ion Ratio	100	Lower	Upper
41	100		
39	72.5	58.6	88.0
76	45.4	34.2	51.4





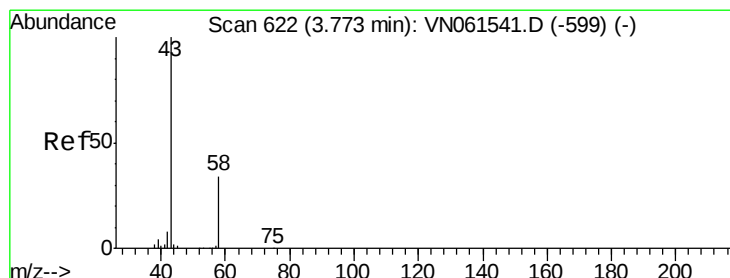
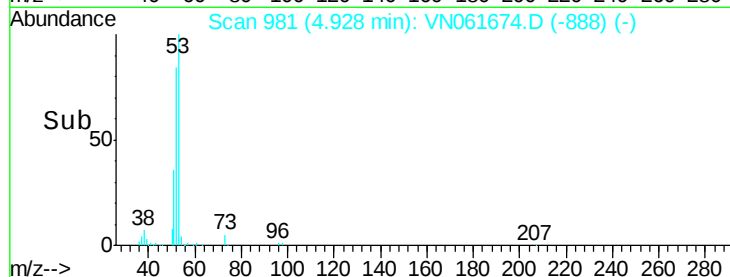
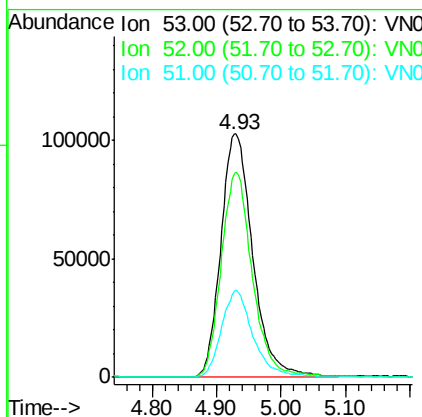
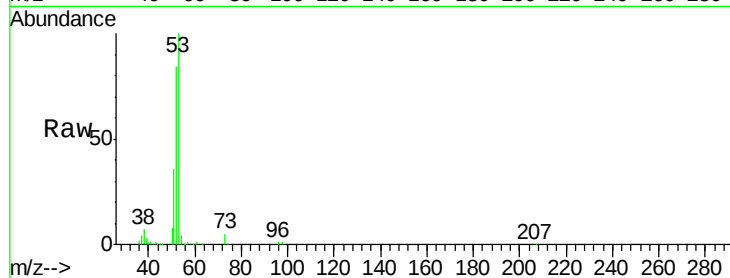
#15
 Acrylonitrile
 Concen: 242.299 ug/l
 RT: 4.93 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

Tot Ion:	53	Resp:	355707
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.4	98.2
51	35.5	29.0	43.6

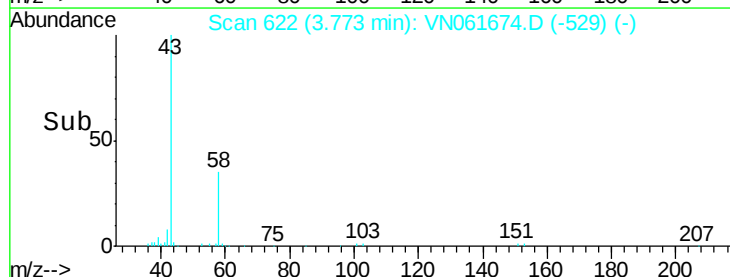
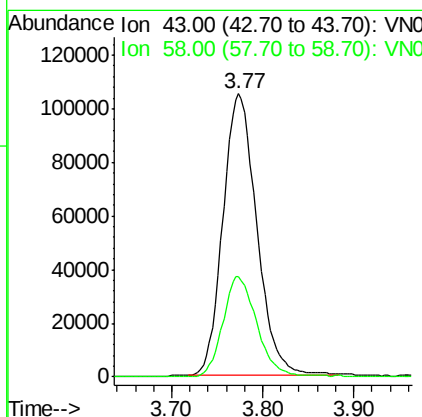
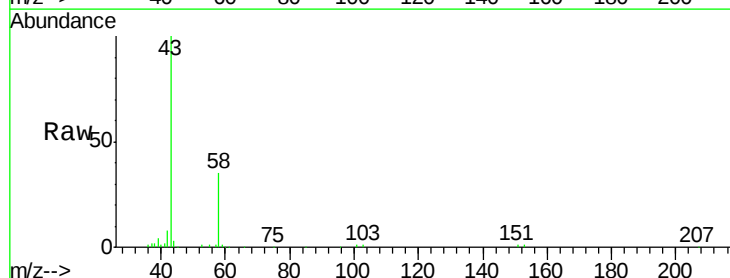
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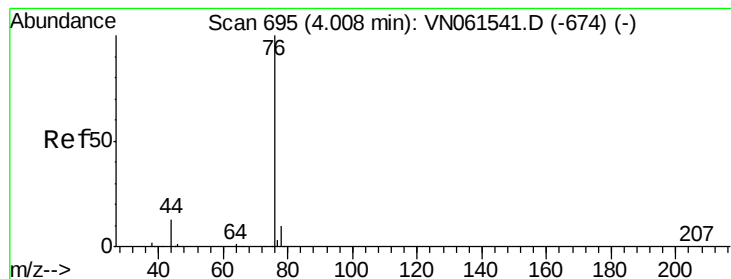
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#16
 Acetone
 Concen: 248.598 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion:	43	Resp:	270954
Ion Ratio	Lower	Upper	
43	100		
58	35.6	27.2	40.8





#17

Carbon Disulfide

Concen: 38.672 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

Tot Ion: 76 Resp: 288536

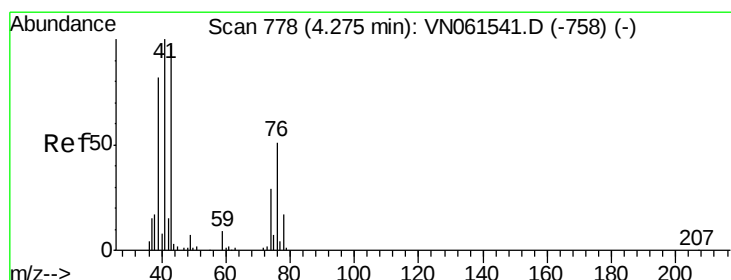
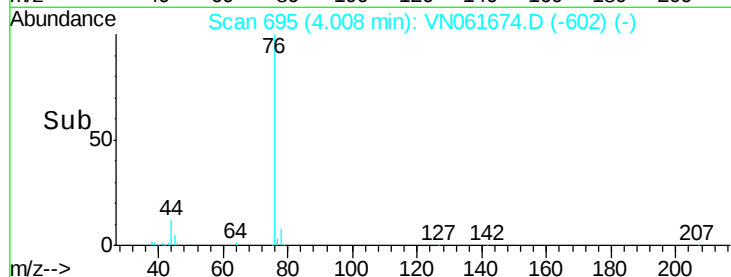
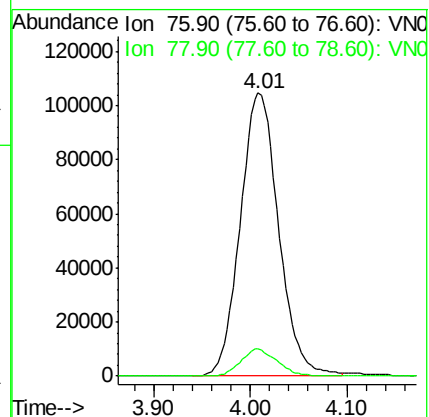
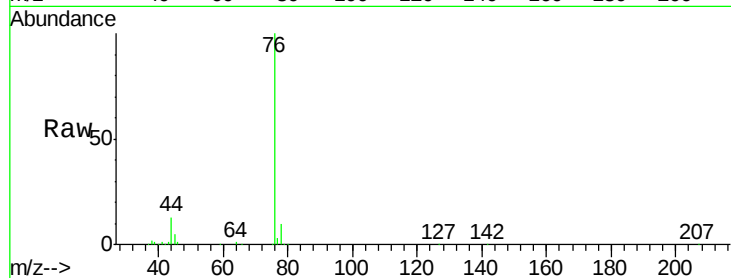
Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

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#18

Methyl Acetate

Concen: 46.052 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061674.D

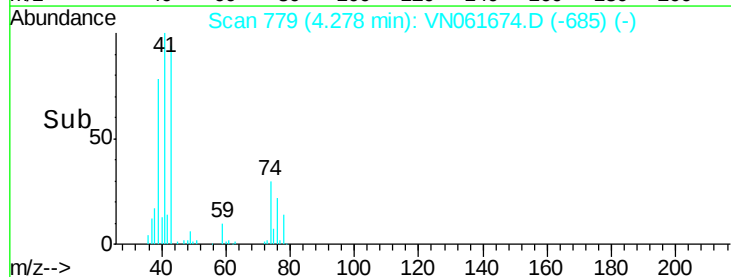
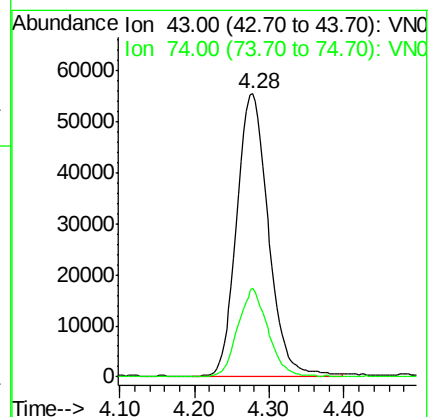
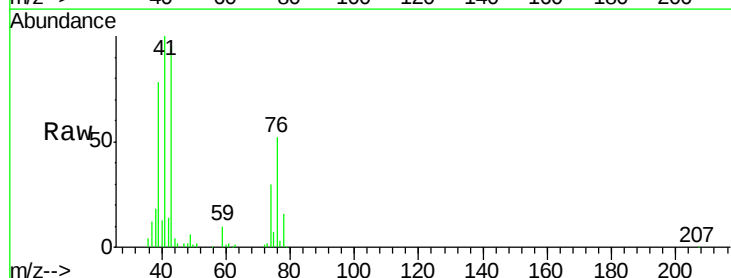
Acq: 5 Jun 2020 17:04

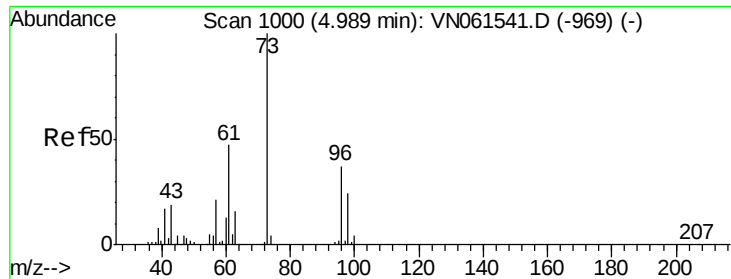
Tgt Ion: 43 Resp: 164846

Ion Ratio Lower Upper

43 100

74 29.5 23.2 34.8





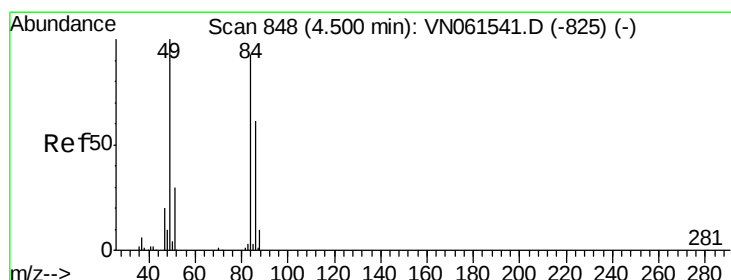
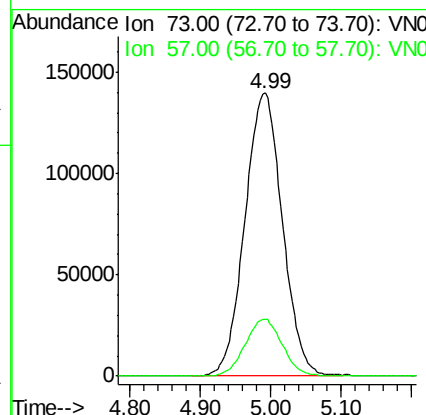
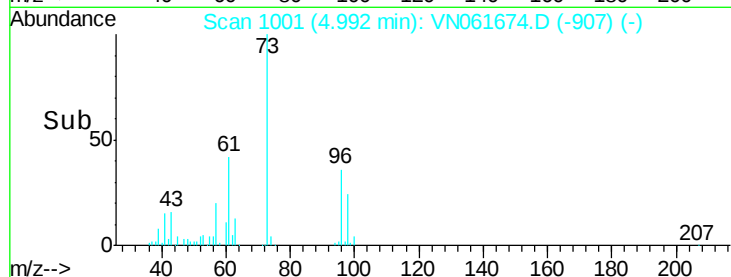
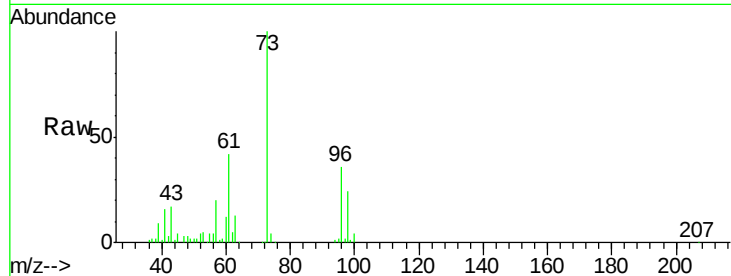
#19
Methyl tert-butyl Ether
Concen: 44.911 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion: 73 Resp: 519085
Ion Ratio Lower Upper
73 100
57 20.1 16.4 24.6

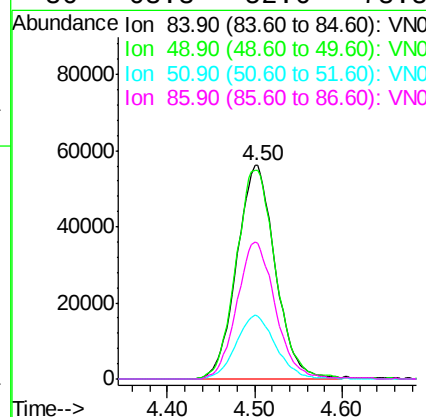
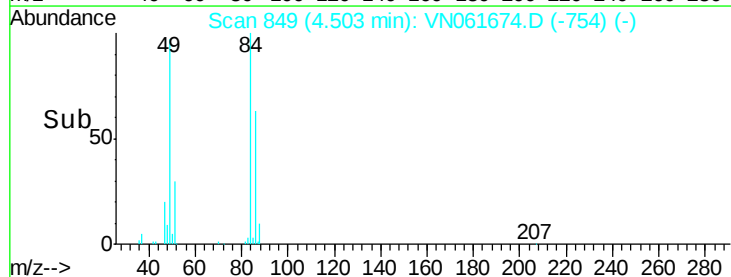
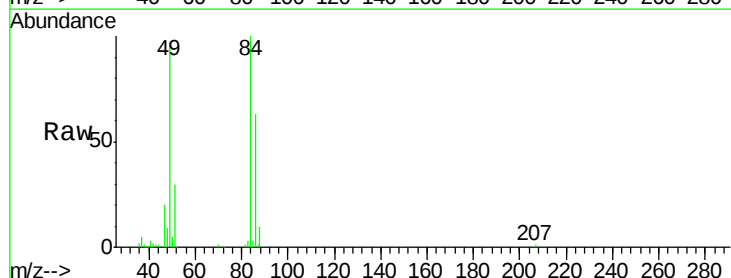
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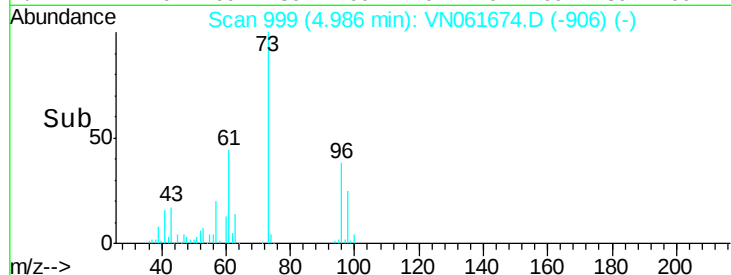
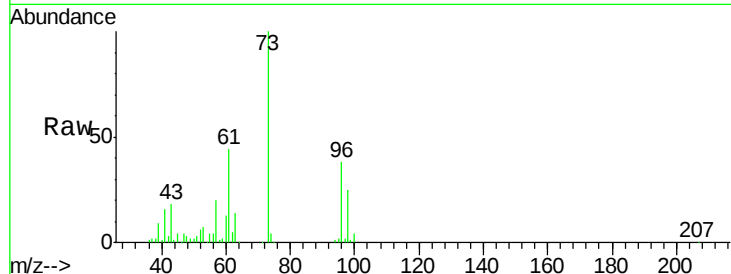
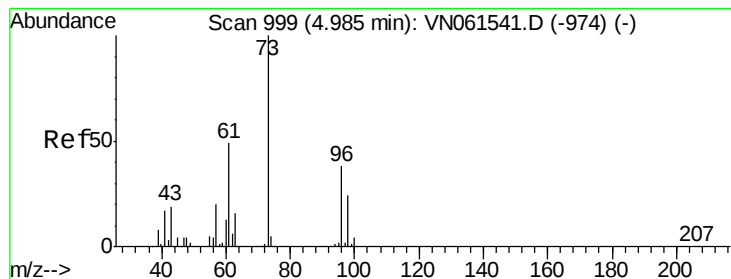
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#20
Methylene Chloride
Concen: 47.502 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion: 84 Resp: 171038
Ion Ratio Lower Upper
84 100
49 97.4 85.8 128.8
51 29.7 26.2 39.2
86 63.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 44.230 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061674.D

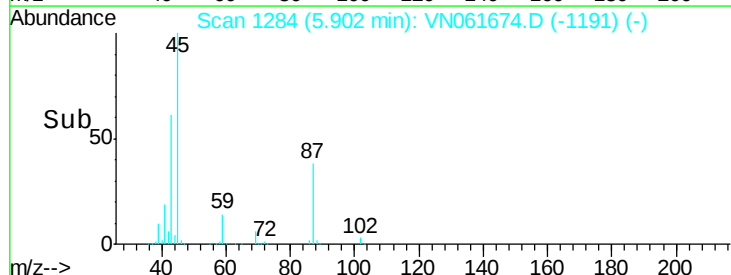
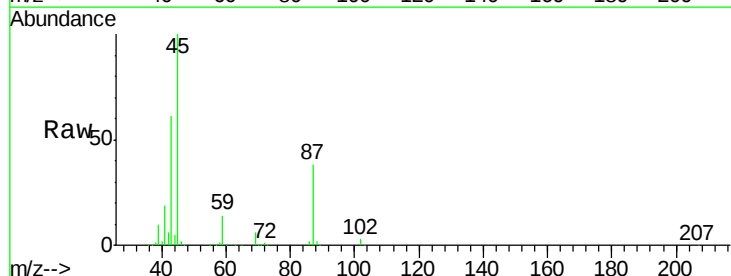
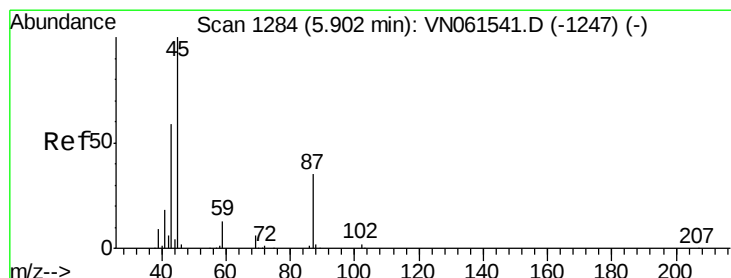
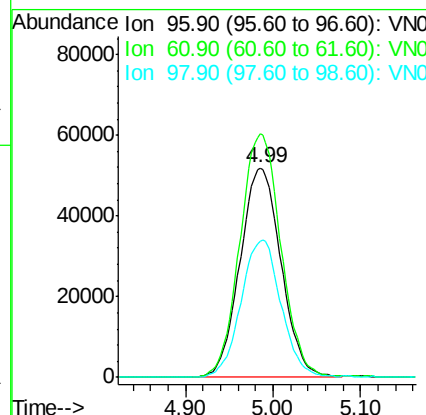
Acq: 5 Jun 2020 17:04

Tot Ion:	96	Resp:	169159
Ion	Ratio	Lower	Upper
96	100		
61	116.1	101.4	152.0
98	64.6	50.6	76.0

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

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#22

Diisopropyl ether

Concen: 44.235 ug/l

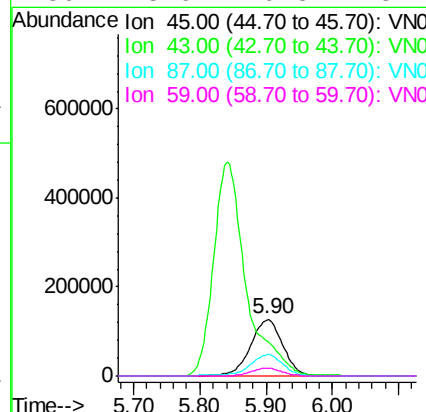
RT: 5.90 min Scan# 1284

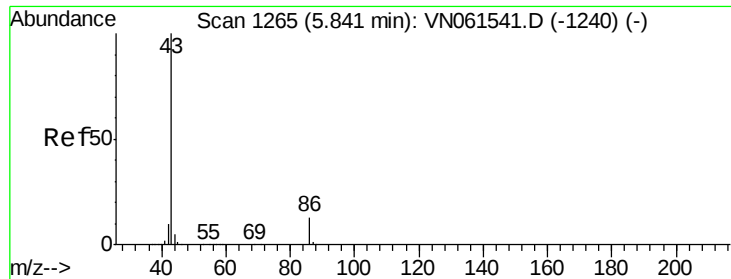
Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Tgt Ion:	45	Resp:	432253
Ion	Ratio	Lower	Upper
45	100		
43	60.2	47.9	71.9
87	38.1	28.4	42.6
59	13.9	10.5	15.7





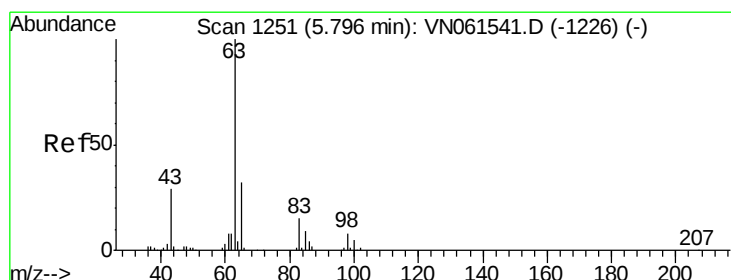
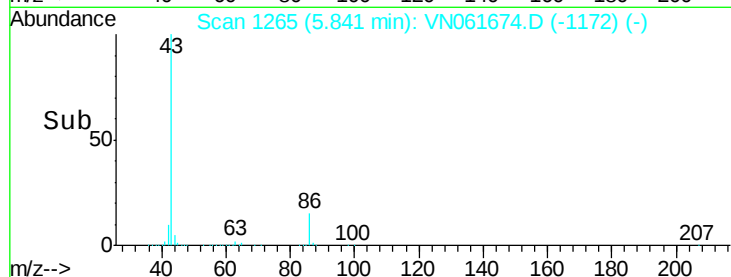
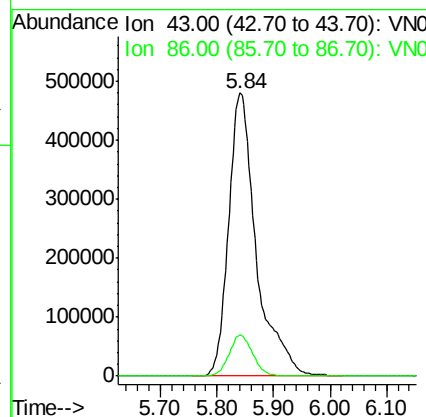
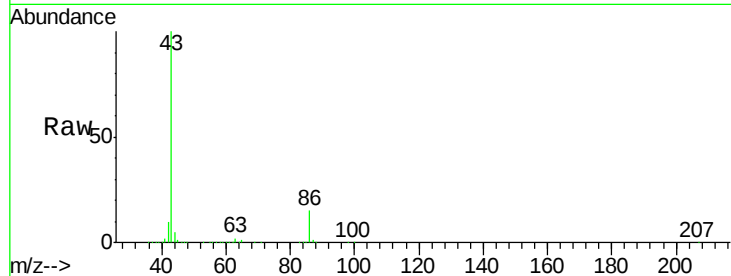
#23
 Vinyl Acetate
 Concen: 210.325 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

Tot Ion: 43 Resp: 1638088
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.6 16.0

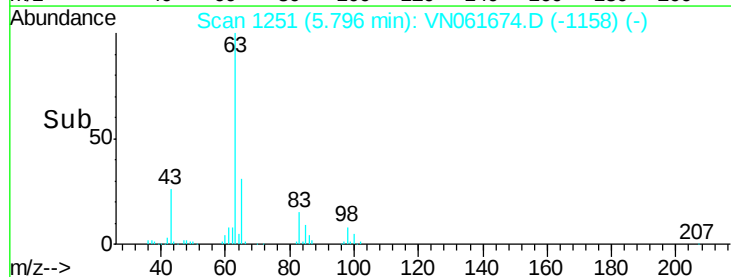
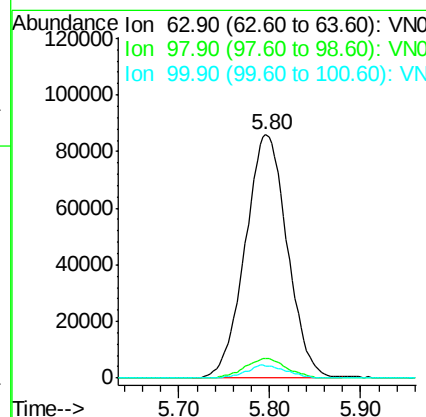
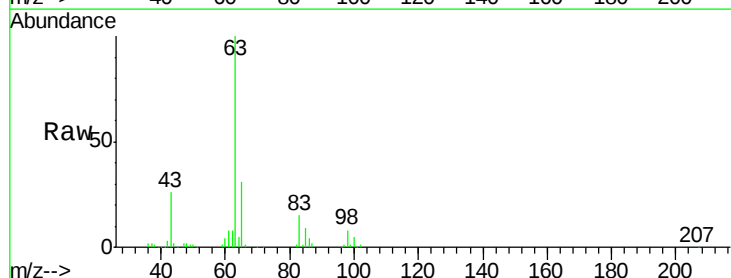
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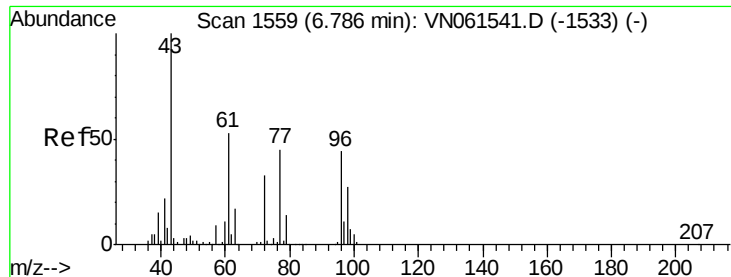
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 44.552 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 63 Resp: 276067
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.8 11.4
 100 5.1 2.5 7.6





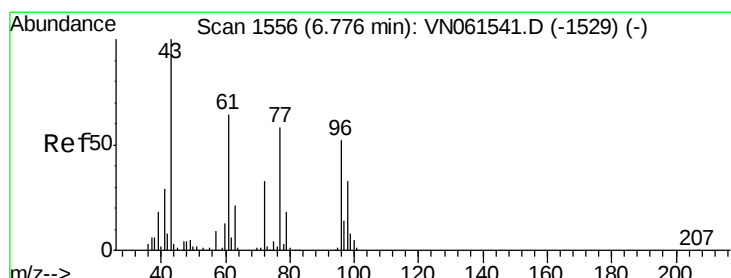
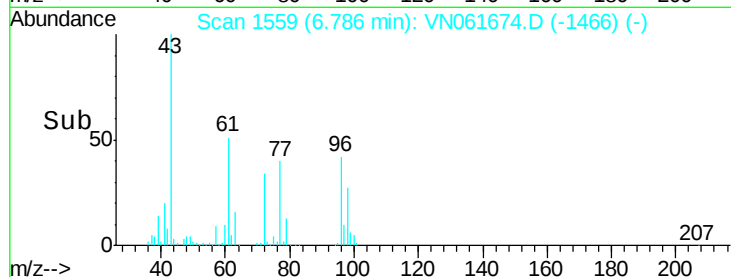
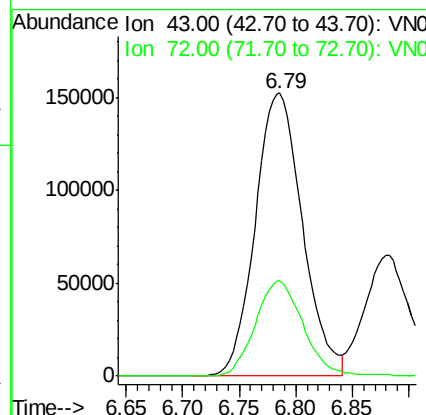
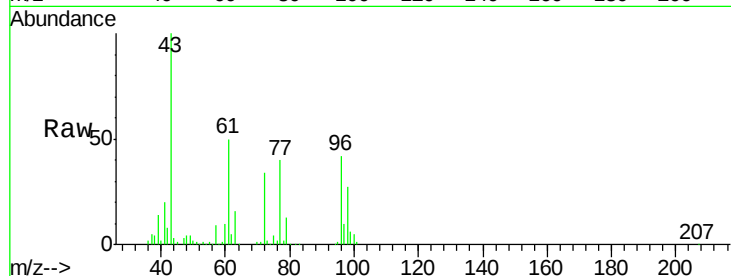
#25
2-Butanone
Concen: 235.594 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion: 43 Resp: 441506
Ion Ratio Lower Upper
43 100
72 33.7 26.0 39.0

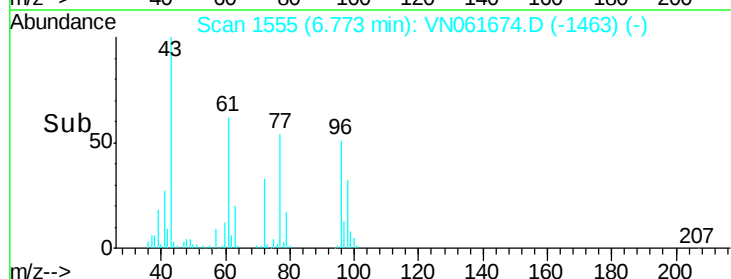
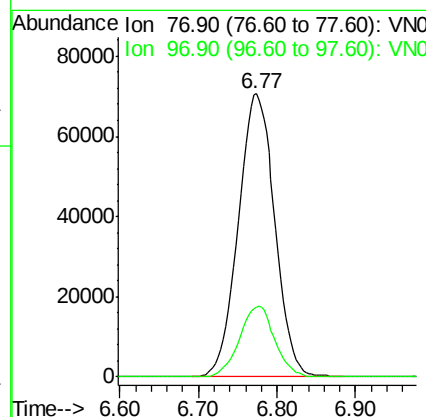
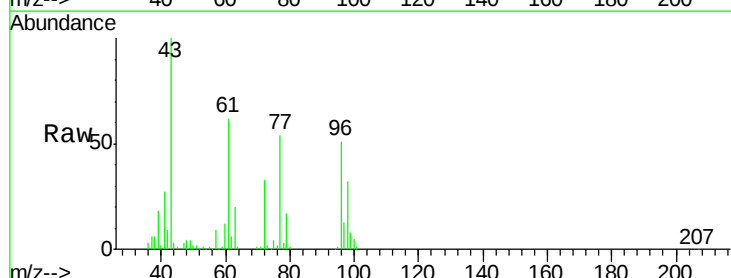
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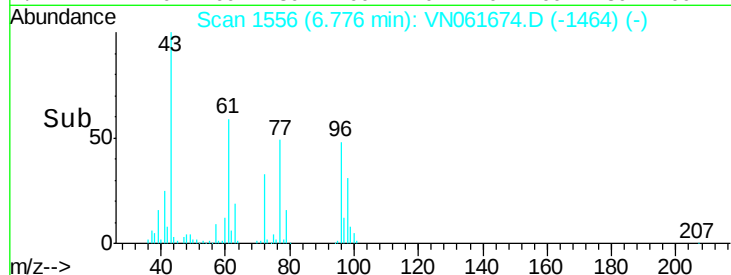
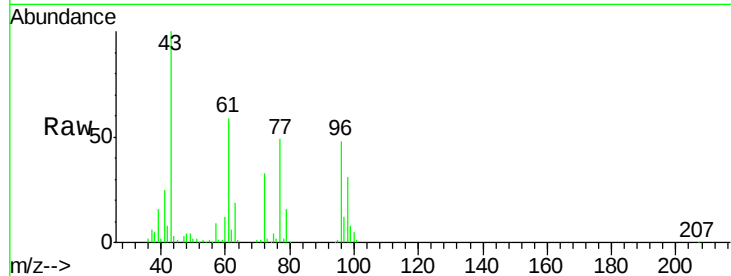
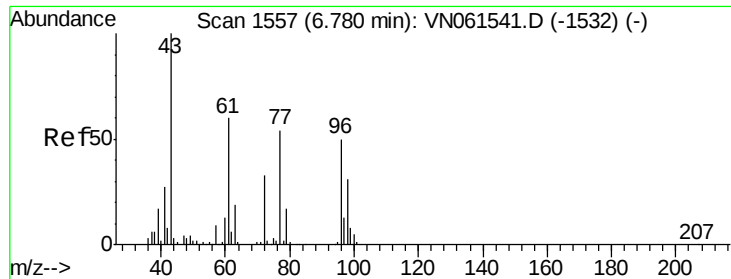
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#26
2,2-Dichloropropane
Concen: 40.414 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion: 77 Resp: 229208
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 46.026 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061674.D

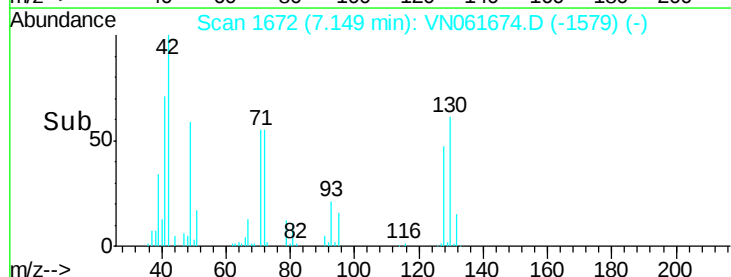
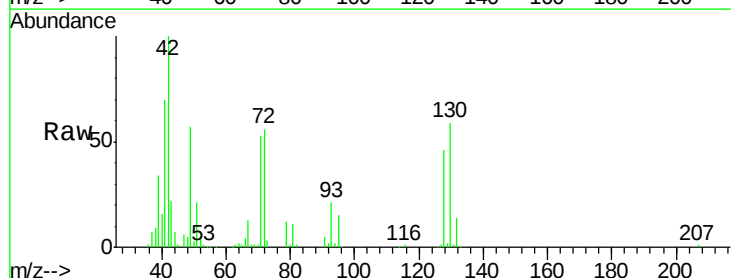
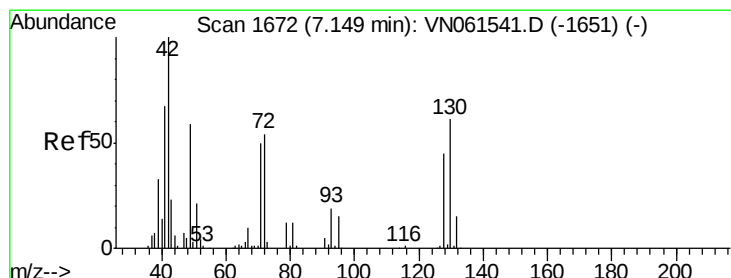
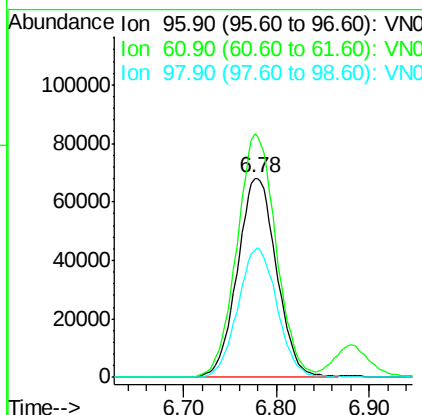
Acq: 5 Jun 2020 17:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	122.8	0.0	252.2		
98	64.9	0.0	129.2		

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

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#28

Bromochloromethane

Concen: 48.717 ug/l

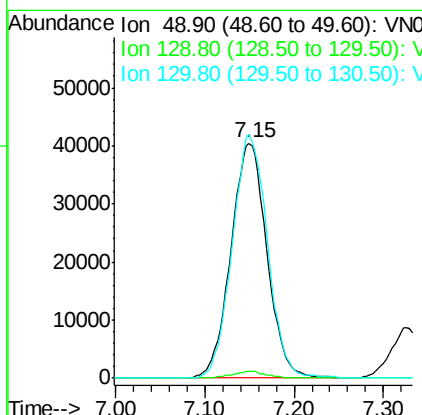
RT: 7.15 min Scan# 1672

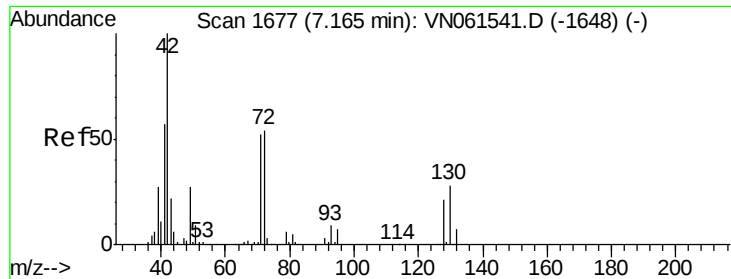
Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	2.6	0.0	4.8		
130	101.5	78.8	118.2		





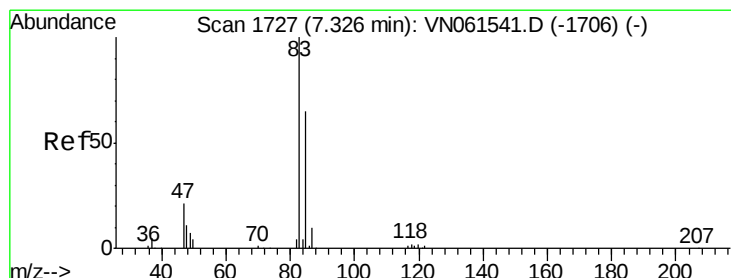
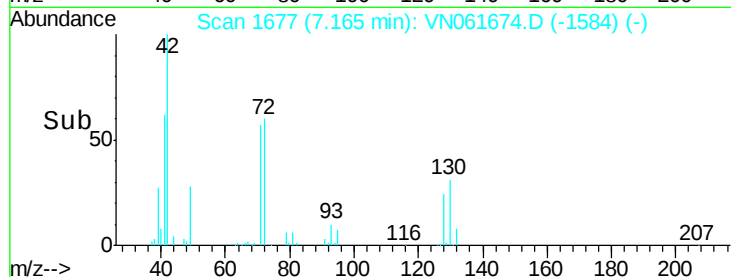
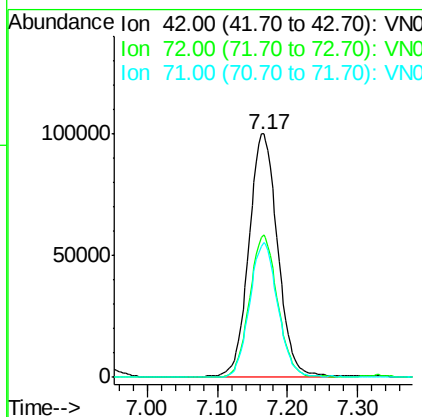
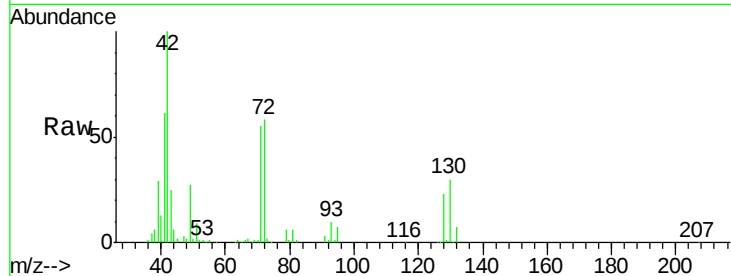
#29
Tetrahydrofuran
Concen: 231.599 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	56.4	43.6	65.4
71	53.7	41.2	61.8

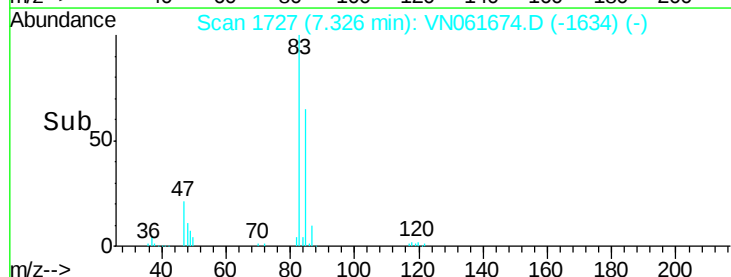
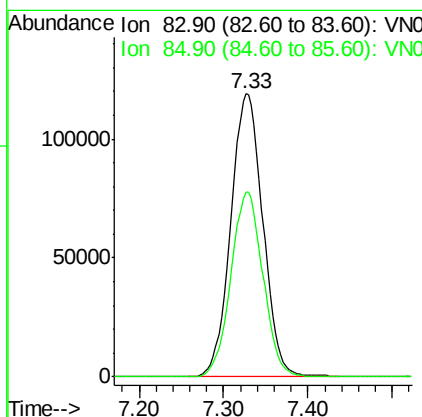
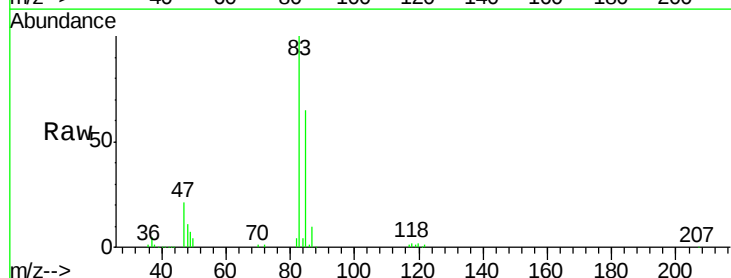
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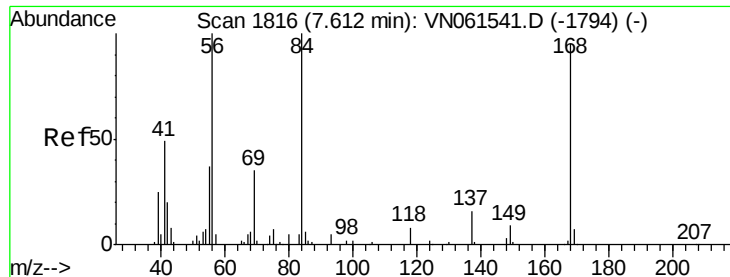
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#30
Chloroform
Concen: 45.937 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.7	77.5





#31

Cyclohexane

Concen: 40.667 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

Tot Ion: 56 Resp: 226628

Ion Ratio Lower Upper

56 100

69 37.4 27.8 41.8

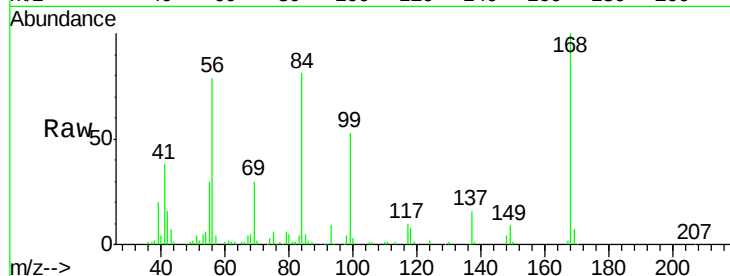
84 101.2 79.9 119.9

Manual Integrations

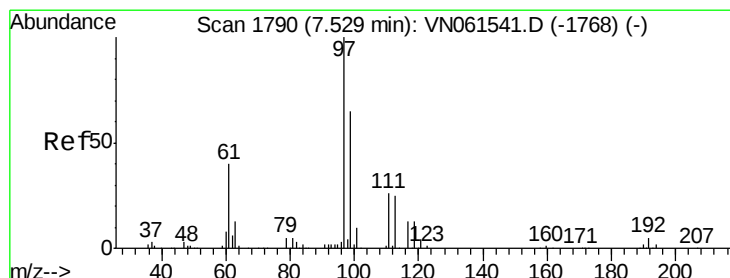
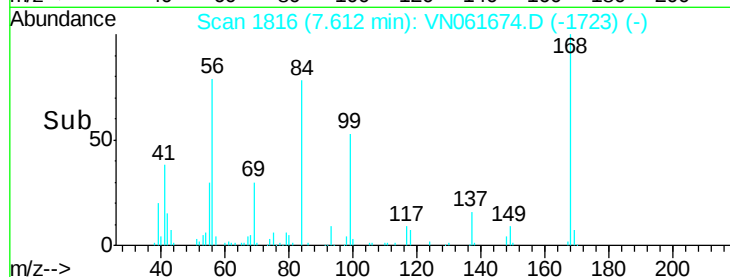
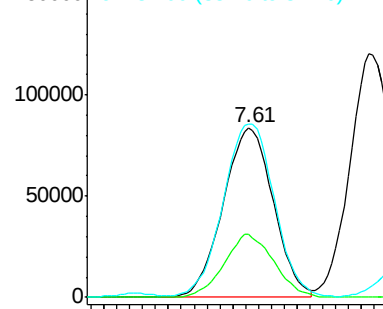
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Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#32

1,1,1-Trichloroethane

Concen: 45.795 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

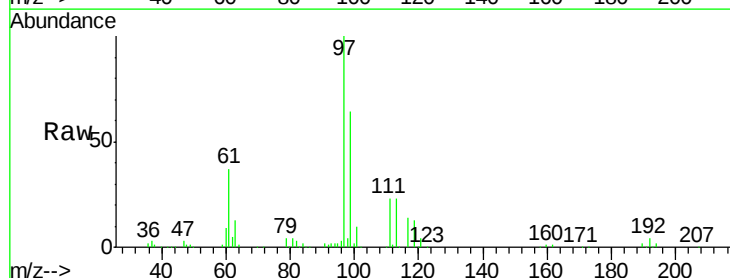
Tgt Ion: 97 Resp: 286062

Ion Ratio Lower Upper

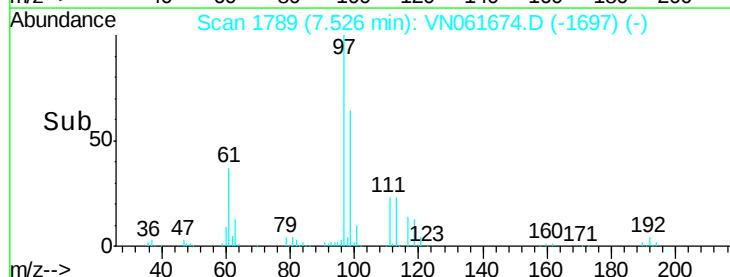
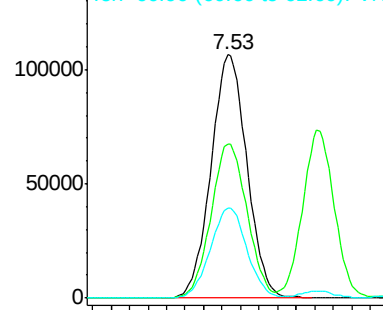
97 100

99 63.7 51.4 77.0

61 37.7 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC





#33

1,2-Dichloroethane-d4

Concen: 46.866 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

Tot Ion: 65 Resp: 185317

Ion Ratio Lower Upper

65 100

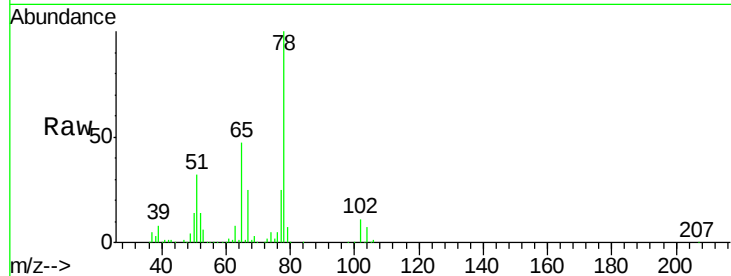
67 53.5 0.0 104.8

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Abundance Ion 64.90 (64.60 to 65.60): VN061541.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061541.D (-1914) (-)

80000

60000

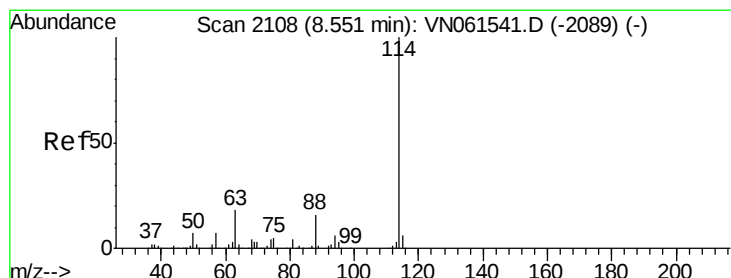
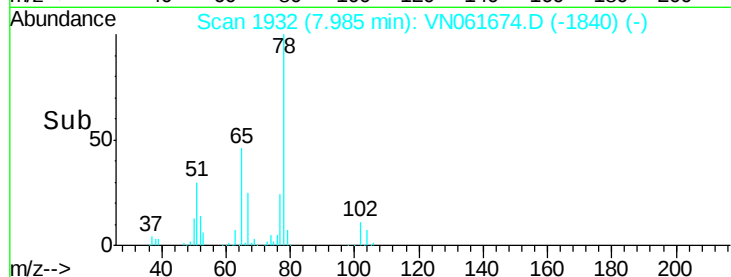
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

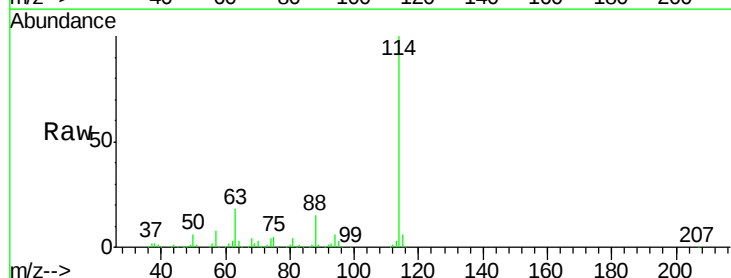
Tgt Ion: 114 Resp: 552334

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.8

88 14.9 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN061541.D (-2089) (-)

Ion 63.00 (62.70 to 63.70): VN061541.D (-2089) (-)

Ion 87.90 (87.60 to 88.60): VN061541.D (-2089) (-)

300000

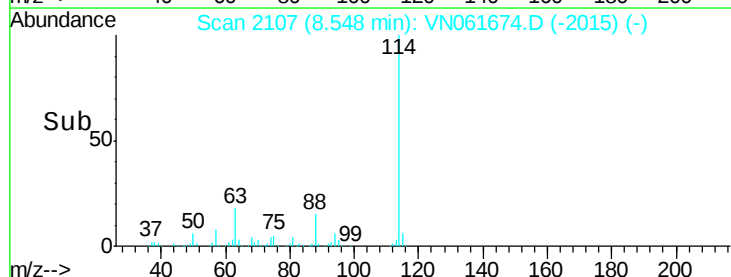
200000

100000

0

8.50 8.55 8.60 8.65

Time-->





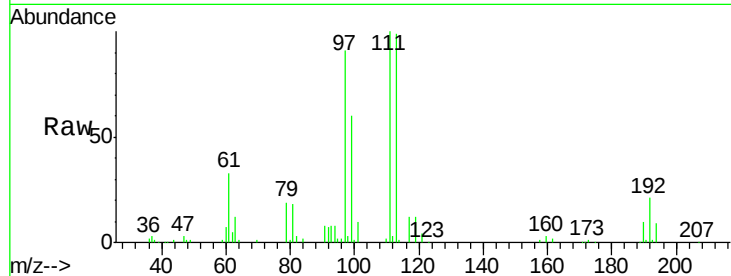
#35
 Dibromofluoromethane
 Concen: 53.039 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	148610		
111	100.5	83.4	125.0	
192	19.7	15.4	23.2	

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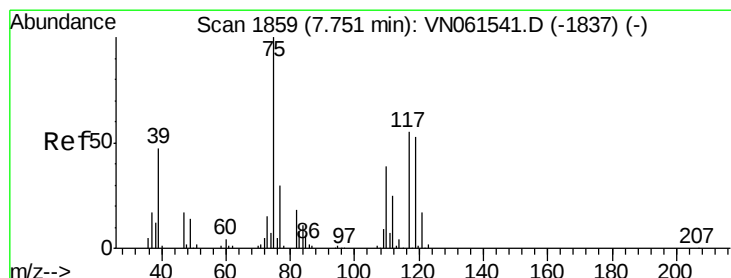
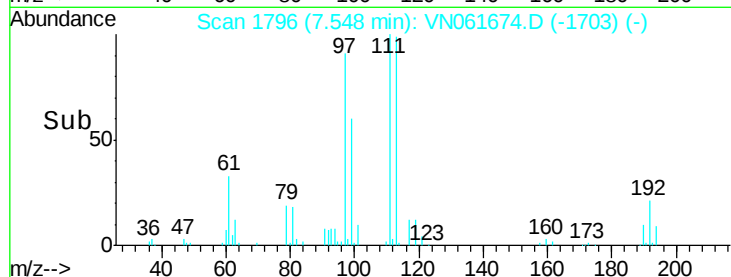
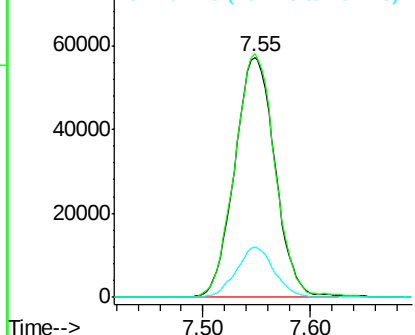


Abundance

Ion 112.80 (112.50 to 113.50): V

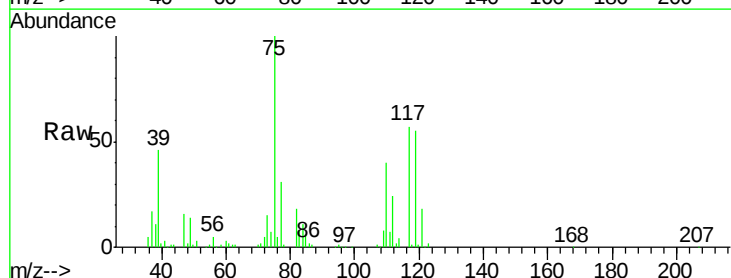
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 44.979 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	219929		
110	40.3	19.5	58.5	
77	31.4	24.7	37.1	

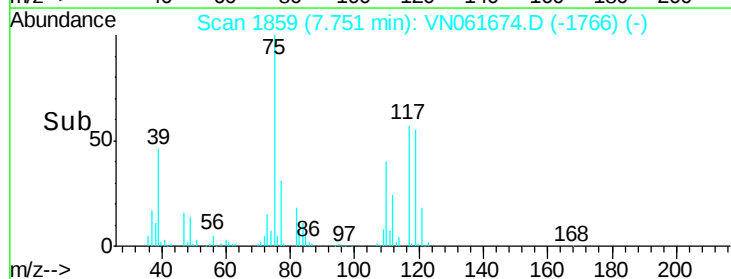
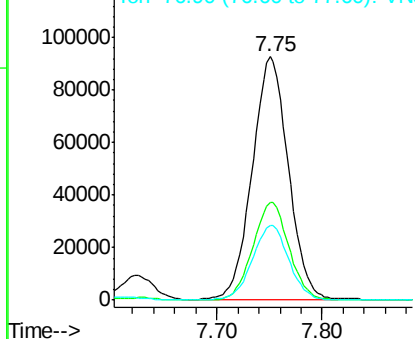


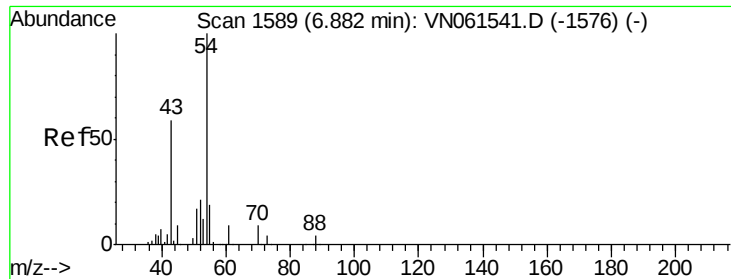
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





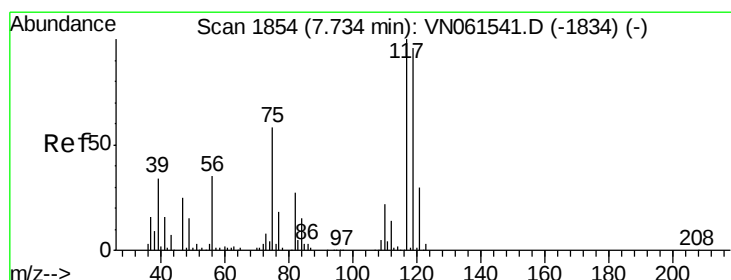
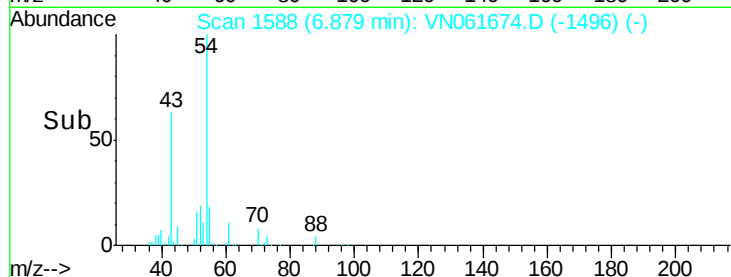
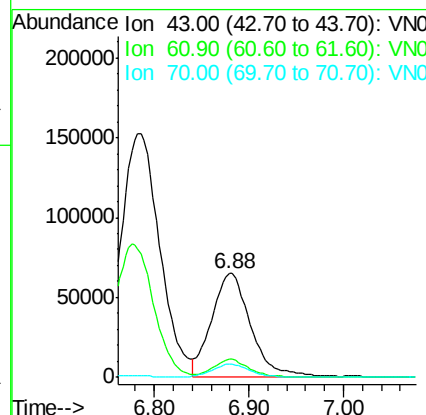
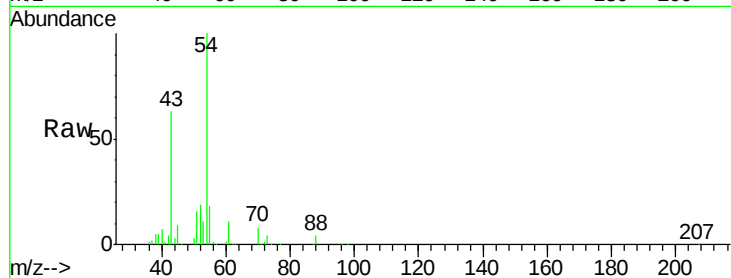
#37
Ethyl Acetate
Concen: 46.833 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	12.2	18.4
70	12.6	9.4	14.2

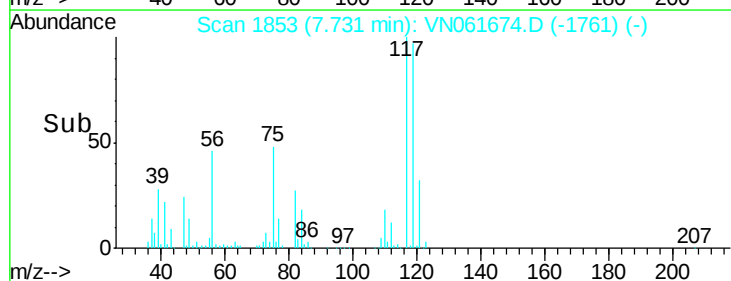
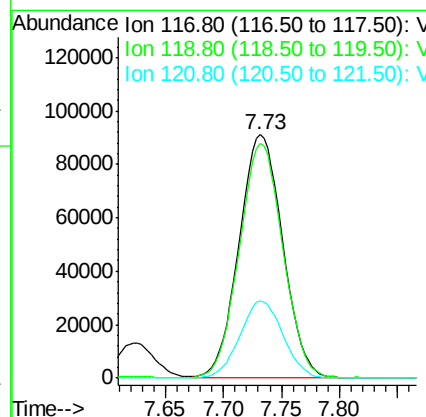
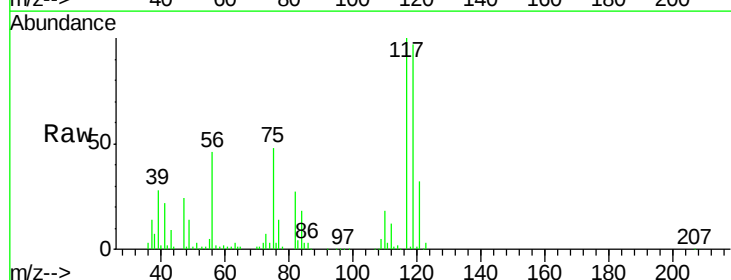
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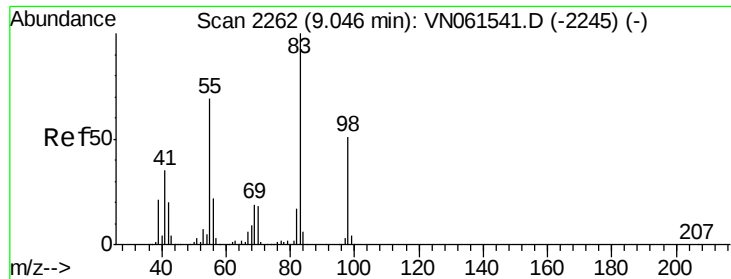
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#38
Carbon Tetrachloride
Concen: 50.275 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.5	114.7
121	31.8	24.1	36.1





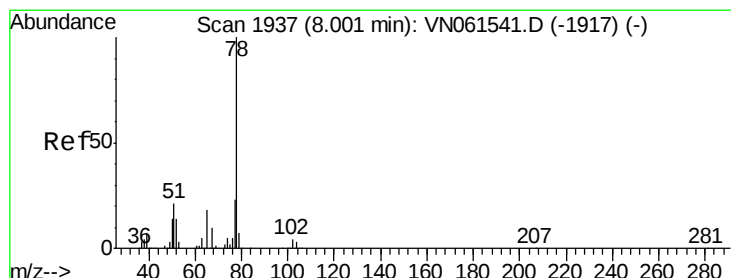
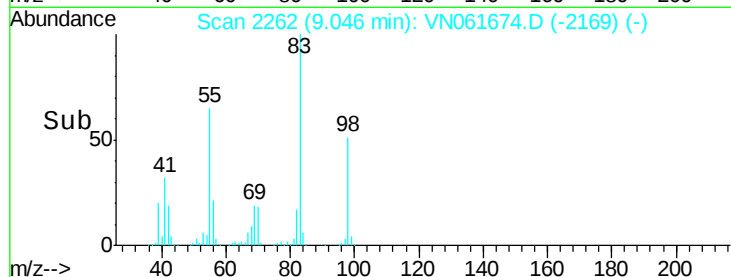
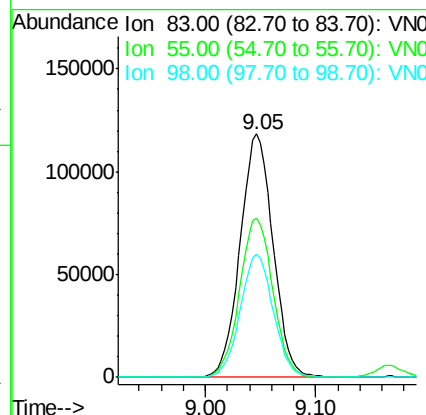
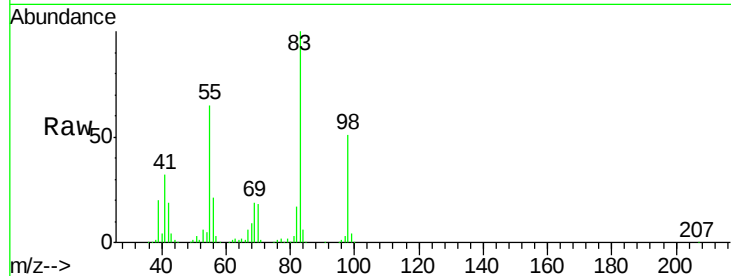
#39
Methvlcvclohexane
Concen: 40.718 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.2	54.9	82.3
98	50.6	41.0	61.4

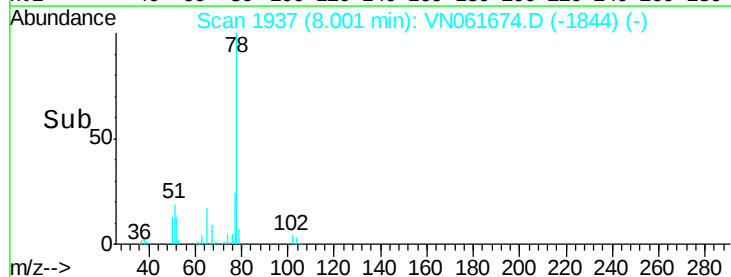
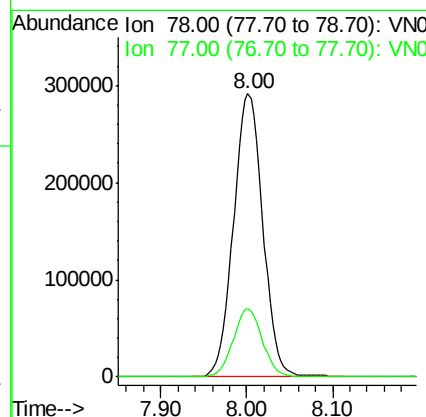
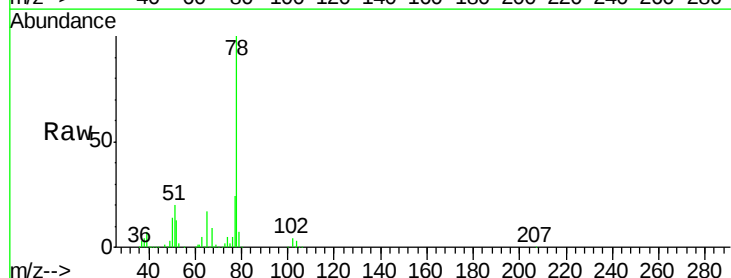
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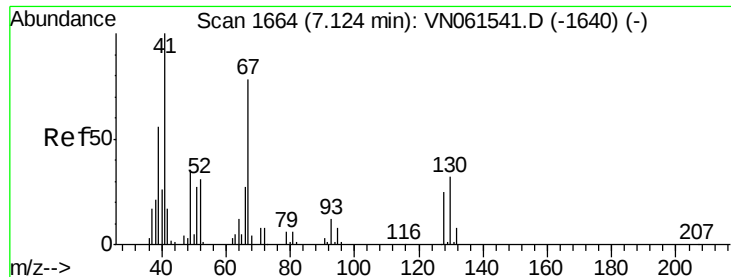
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#40
Benzene
Concen: 45.764 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	28.0





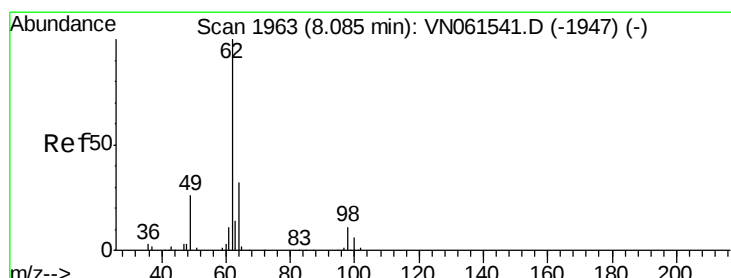
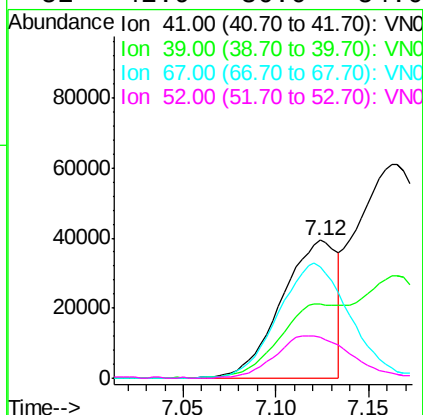
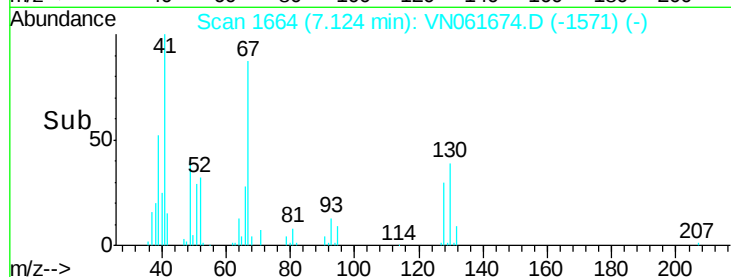
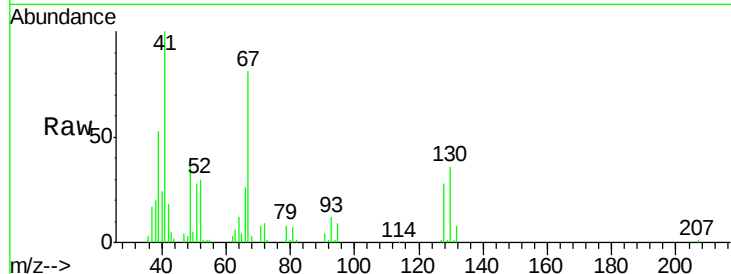
#41
Methacrylonitrile
Concen: 45.391 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.7	53.8	80.6	
67	109.2	91.1	136.7	
52	42.9	36.0	54.0	

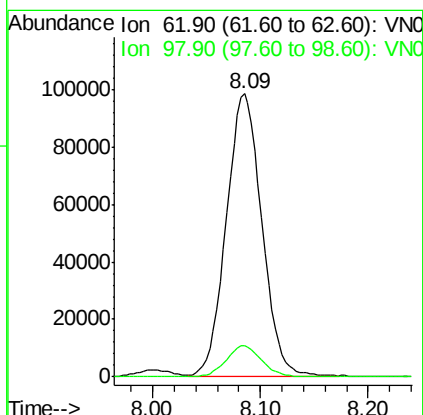
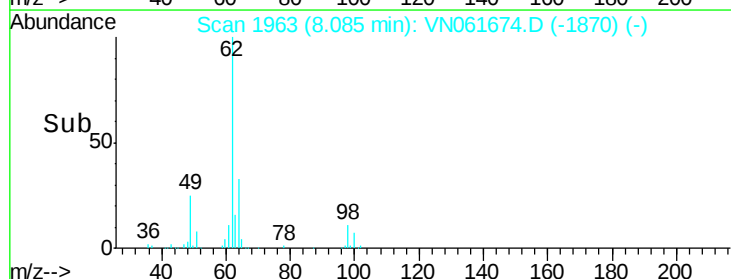
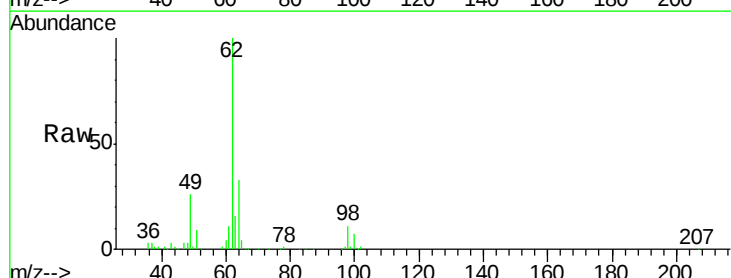
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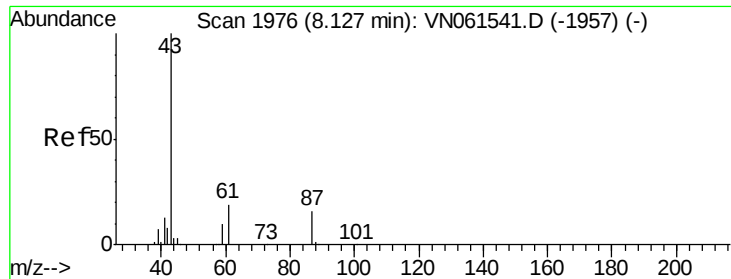
MMDadoda
6/8/2020 11:49:09 AM



#42
1,2-Dichloroethane
Concen: 44.605 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.9	0.0	21.4	





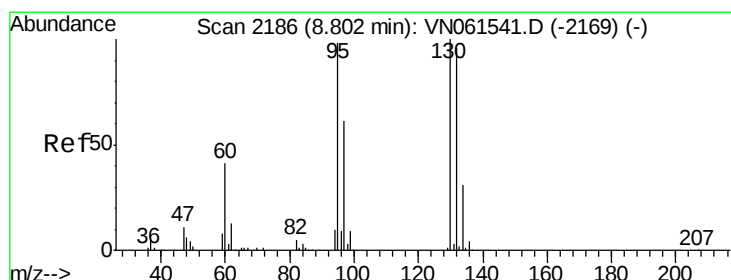
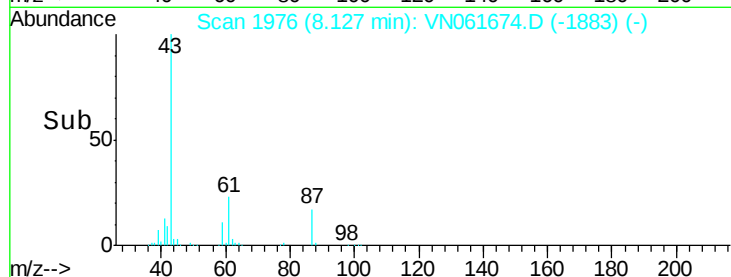
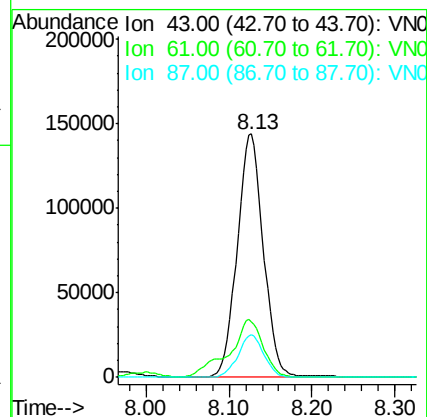
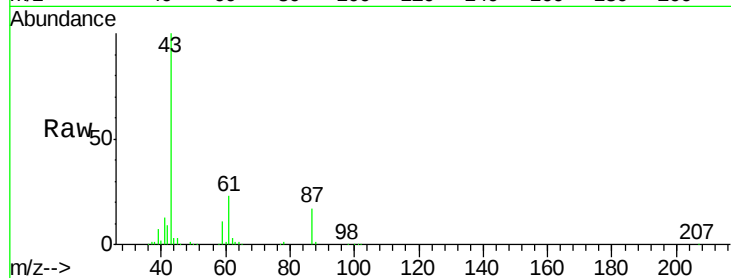
#43
Isopropyl Acetate
Concen: 44.579 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.7	23.6	35.4
87	17.3	13.0	19.6

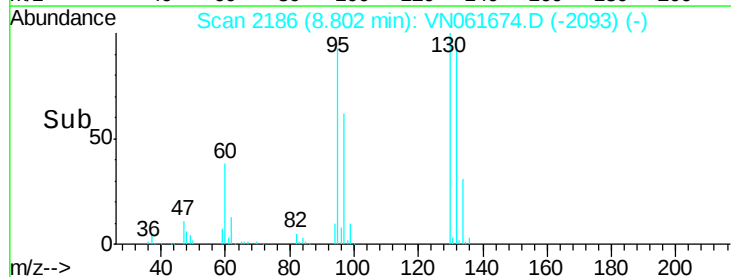
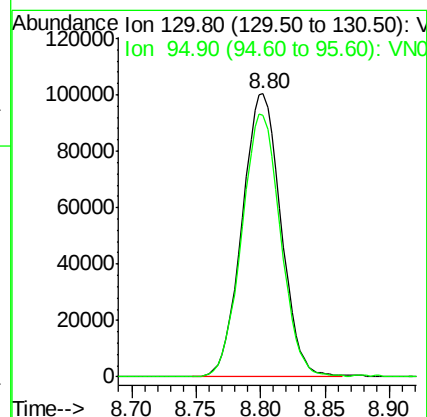
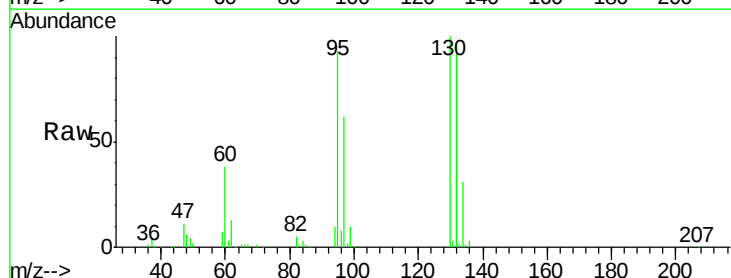
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#44
Trichloroethene
Concen: 45.401 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	196.6





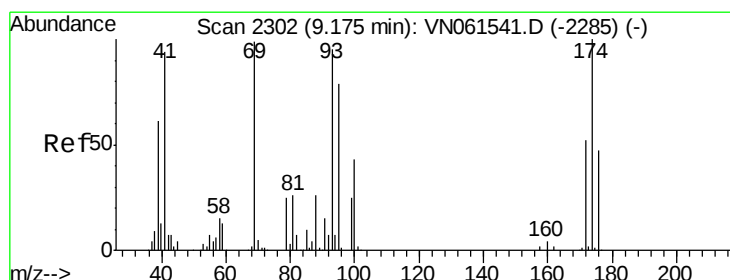
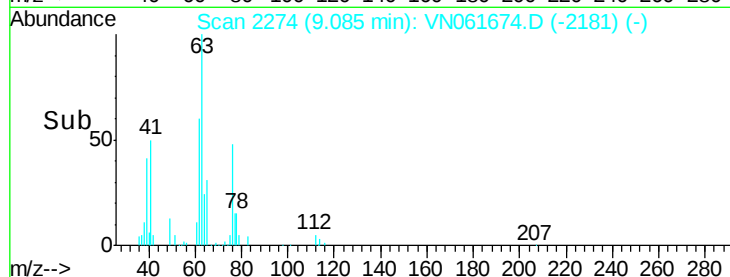
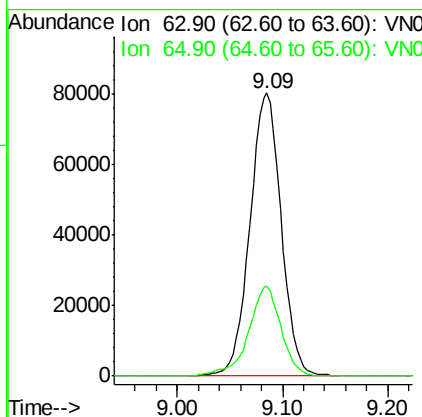
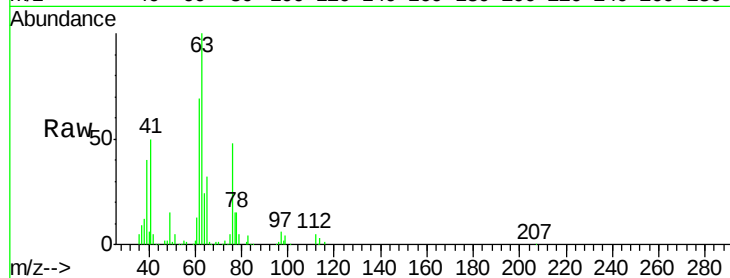
#45
 1,2-Dichloropropane
 Concen: 46.394 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

Tot Ion: 63 Resp: 166200
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.7 37.1

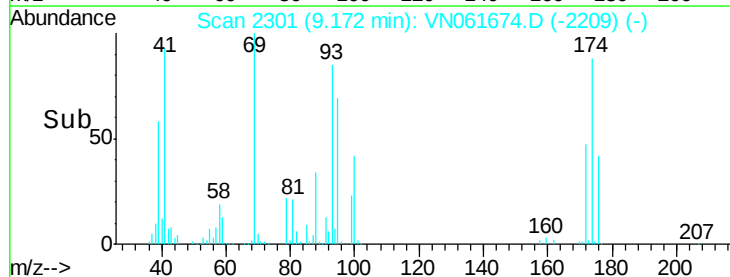
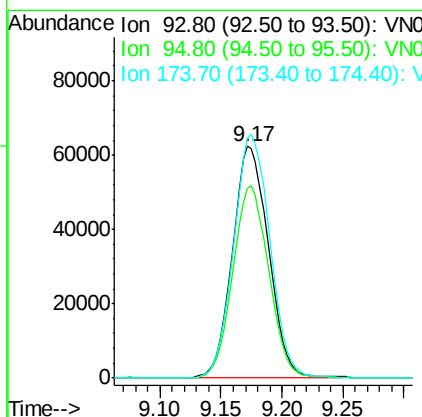
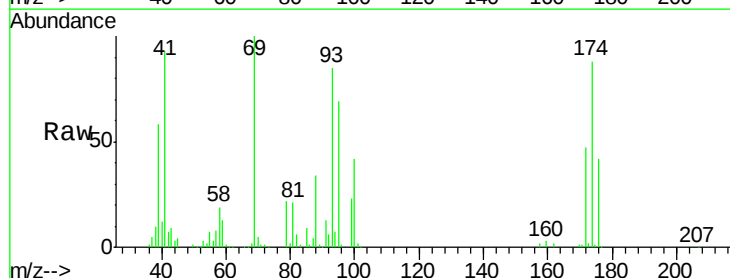
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#46
 Dibromomethane
 Concen: 46.549 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 93 Resp: 127893
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.0 99.0
 174 105.6 82.5 123.7





#47

Bromodichloromethane

Concen: 46.048 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

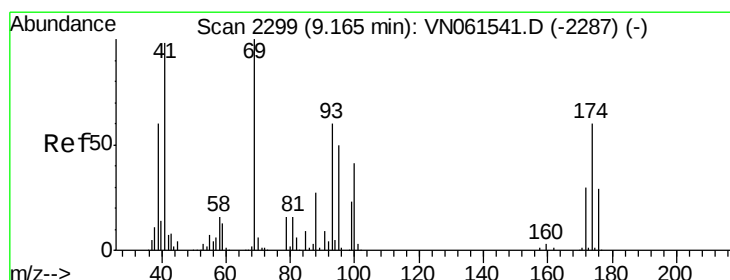
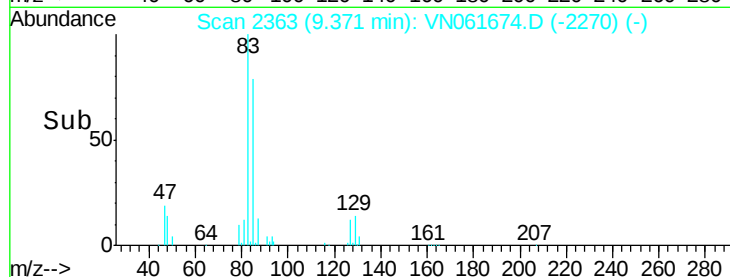
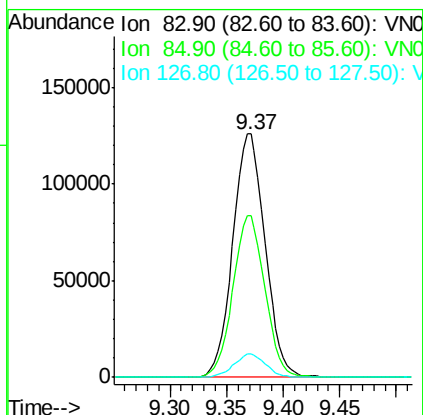
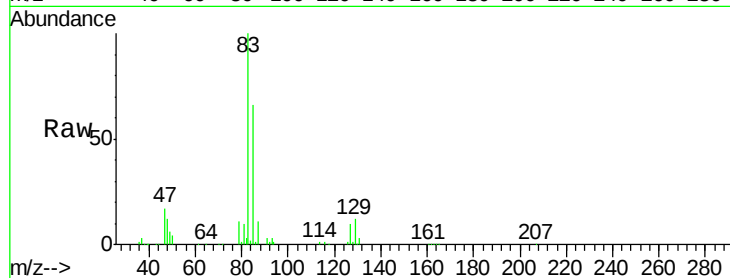
ClientSampleId :

VE-4-11MS

Tot Ion:	83	Resp:	250659
Ion Ratio	Lower	Upper	
83	100		
85	66.2	51.1	76.7
127	9.8	7.2	10.8

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#48

Methyl methacrylate

Concen: 45.760 ug/l

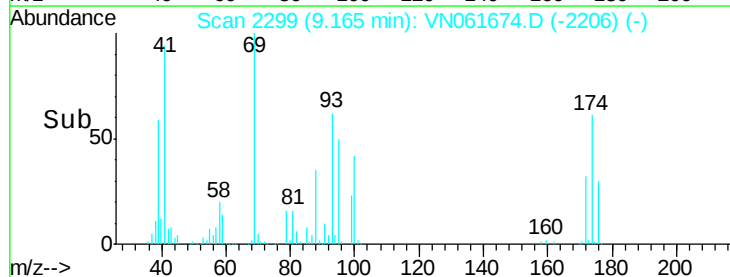
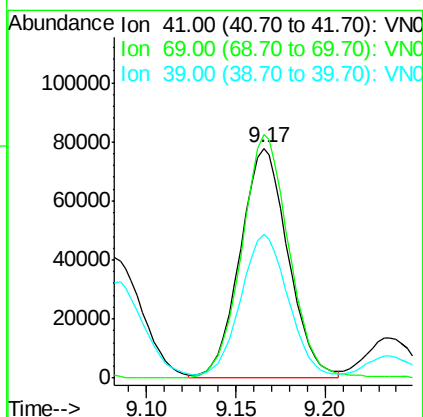
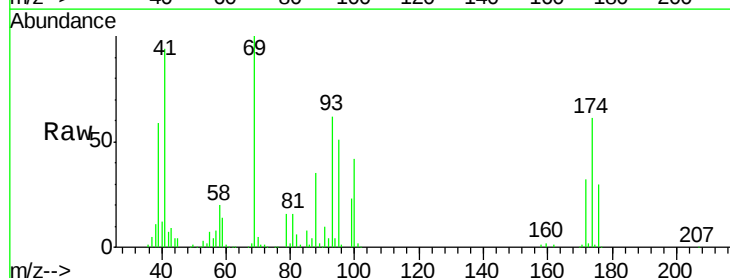
RT: 9.17 min Scan# 2299

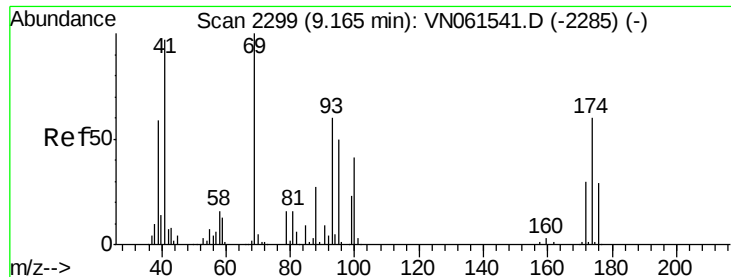
Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Tgt Ion:	41	Resp:	145874
Ion Ratio	Lower	Upper	
41	100		
69	104.6	83.9	125.9
39	62.3	52.1	78.1





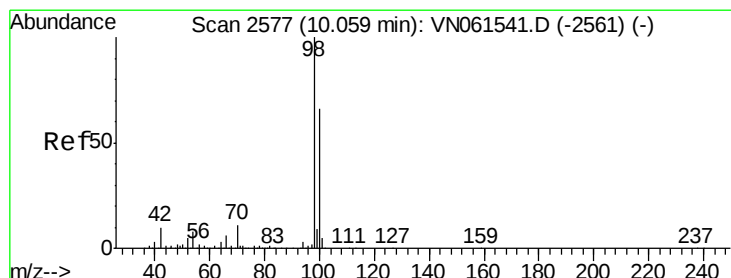
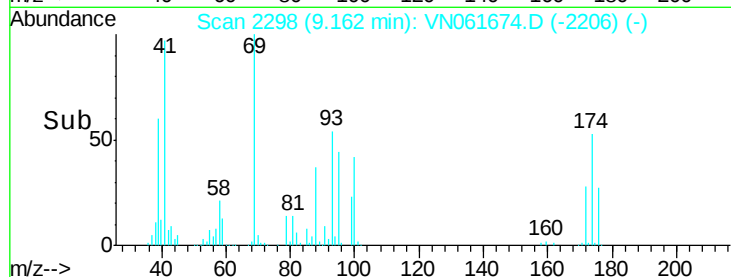
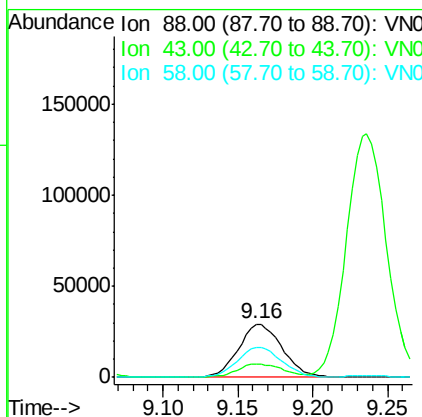
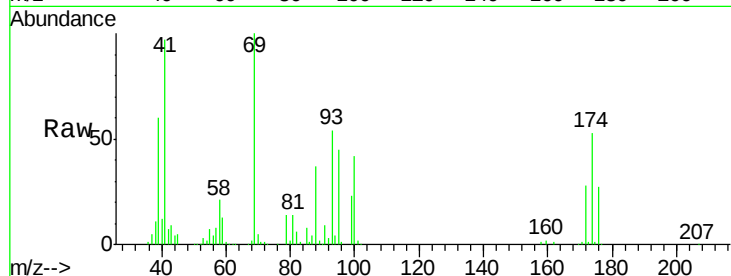
#49
1,4-Dioxane
Concen: 1202.867 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion	88	Resp	59403
Ion Ratio	100	Lower	Upper
88	100		
43	26.2	23.1	34.7
58	57.6	48.3	72.5

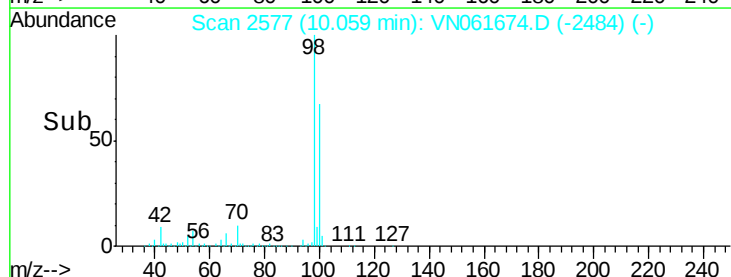
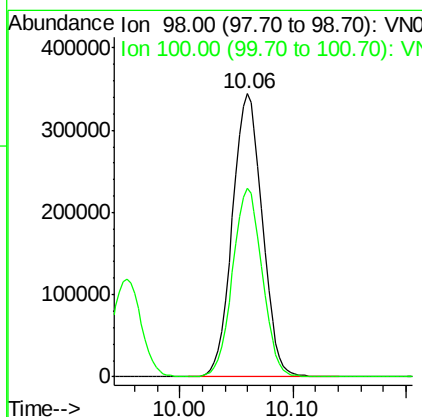
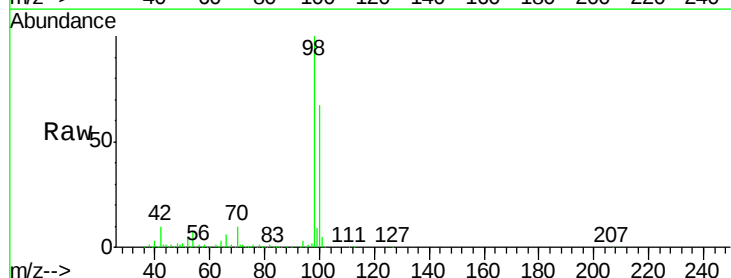
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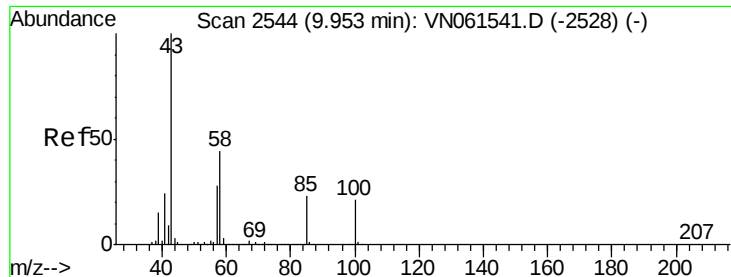
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#50
Toluene-d8
Concen: 48.891 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	98	Resp	634818
Ion Ratio	100	Lower	Upper
98	100		
100	65.9	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 245.463 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

Tot Ion: 43 Resp: 980077

Ion Ratio Lower Upper

43 100

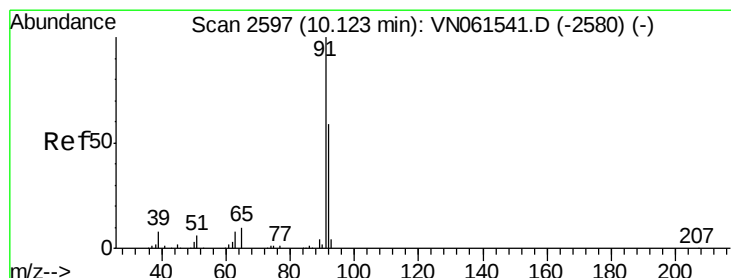
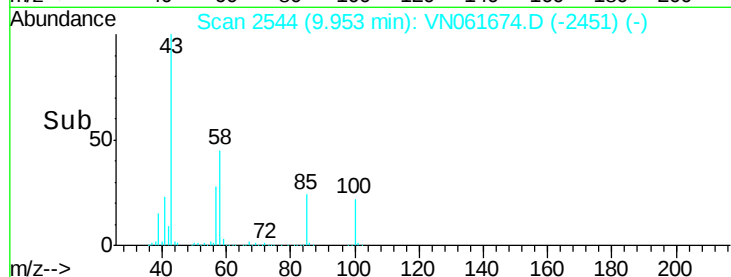
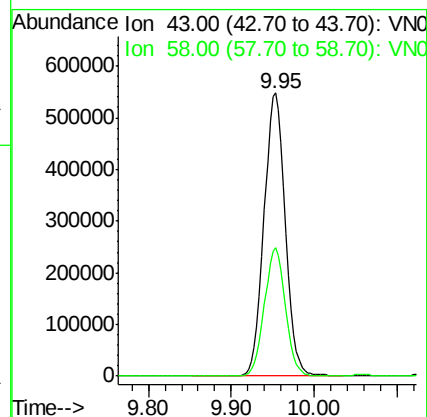
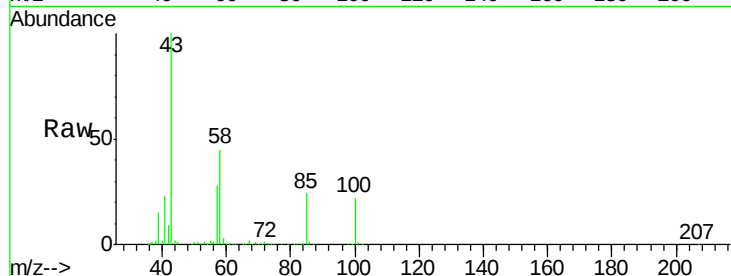
58 44.7 35.0 52.6

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#52

Toluene

Concen: 47.056 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061674.D

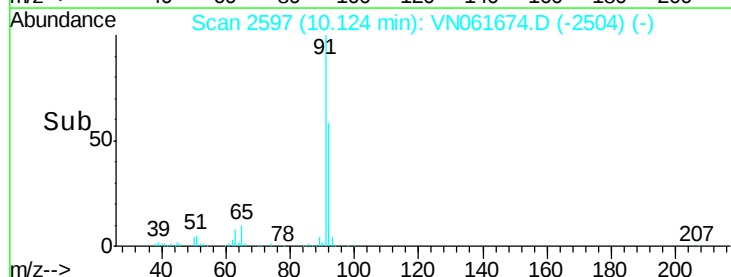
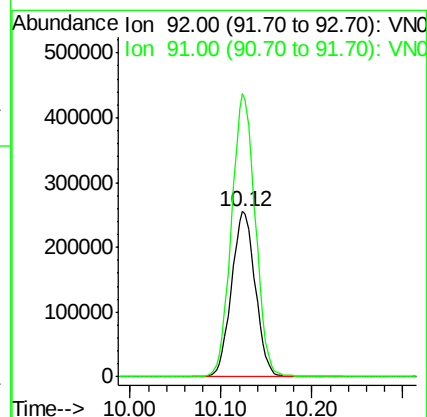
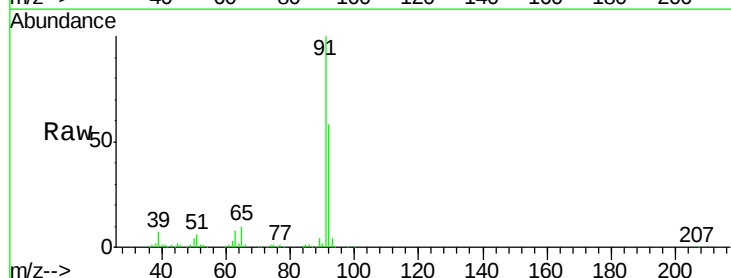
Acq: 5 Jun 2020 17:04

Tgt Ion: 92 Resp: 463354

Ion Ratio Lower Upper

92 100

91 171.3 136.4 204.6





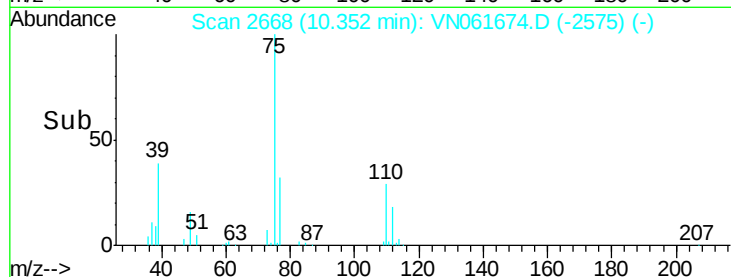
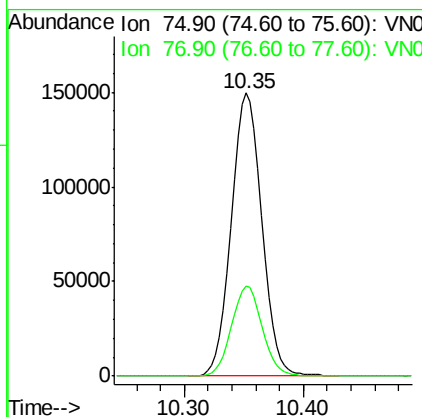
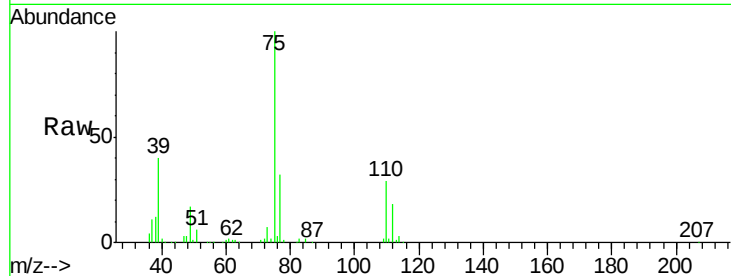
#53
t-1,3-Dichloropropene
Concen: 45.394 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion: 75 Resp: 266188
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.4

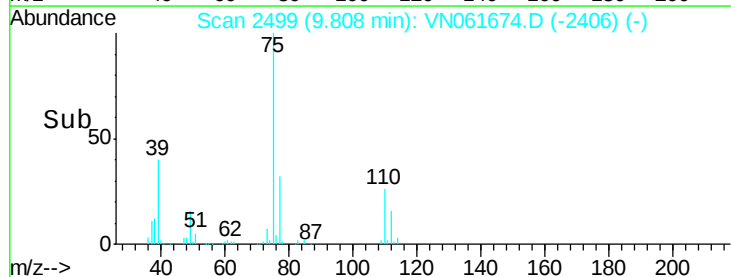
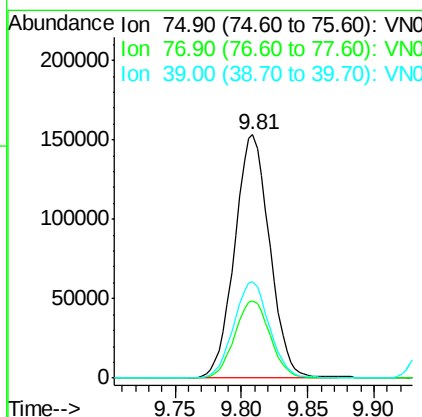
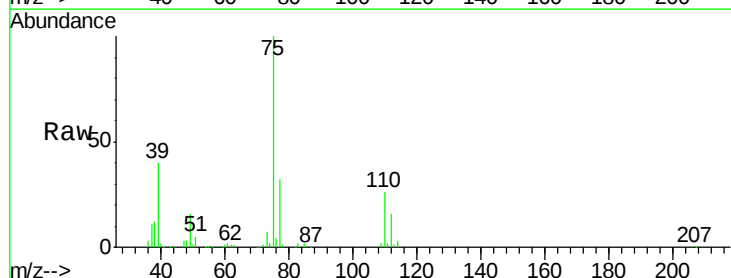
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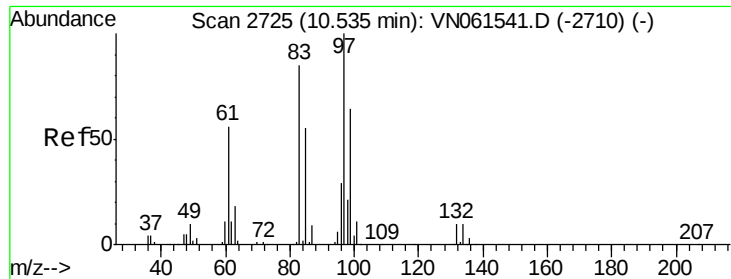
MMDadoda
6/8/2020 11:49:09 AM



#54
cis-1,3-Dichloropropene
Concen: 44.725 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion: 75 Resp: 281998
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2
39 39.7 33.8 50.6





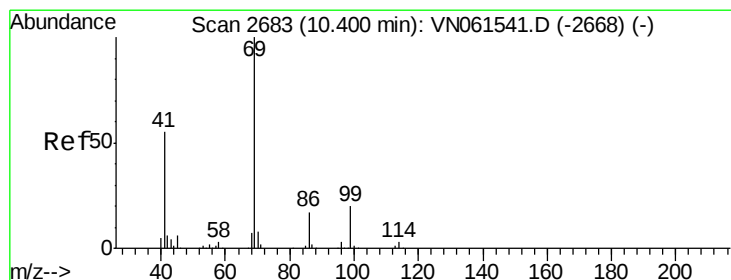
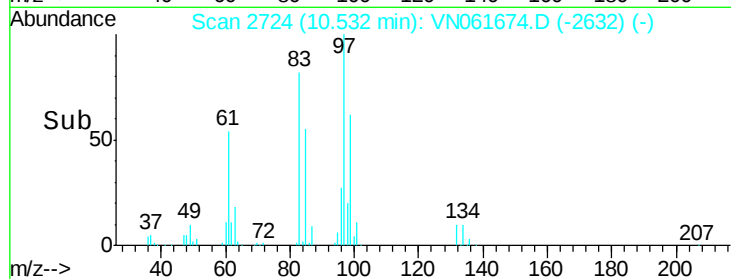
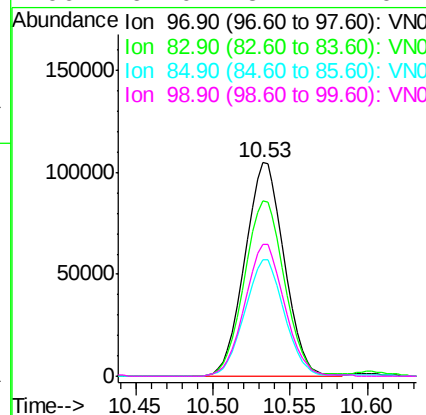
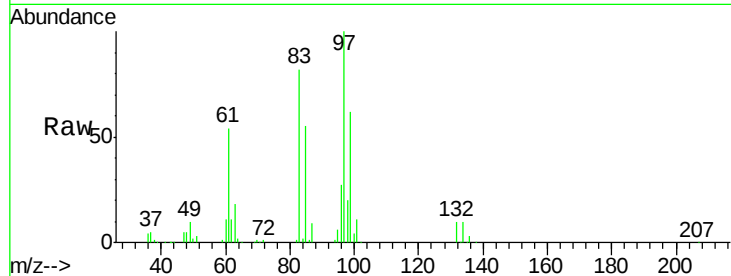
#55
 1,1,2-Trichloroethane
 Concen: 47.314 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

Tot Ion:	97	Resp:	185614
Ion	Ratio	Lower	Upper
97	100		
83	82.0	68.1	102.1
85	54.5	44.1	66.1
99	62.0	51.1	76.7

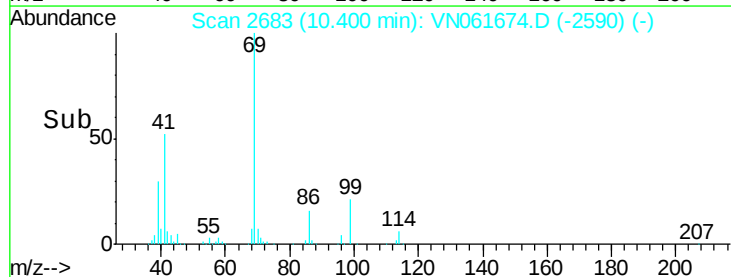
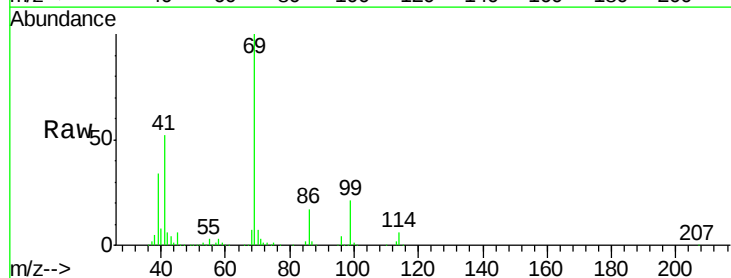
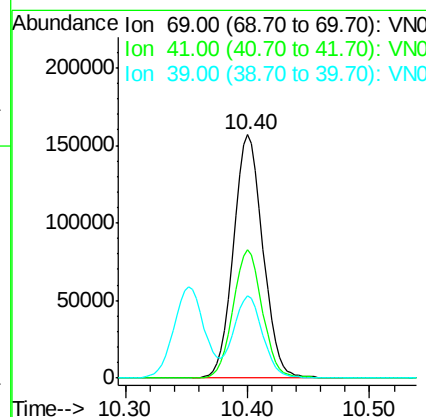
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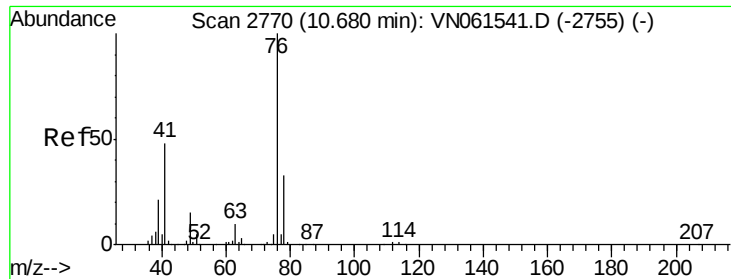
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#56
 Ethyl methacrylate
 Concen: 48.244 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion:	69	Resp:	264384
Ion	Ratio	Lower	Upper
69	100		
41	51.8	43.5	65.3
39	33.4	27.0	40.6





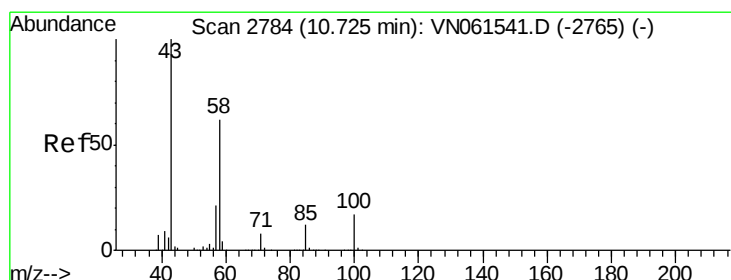
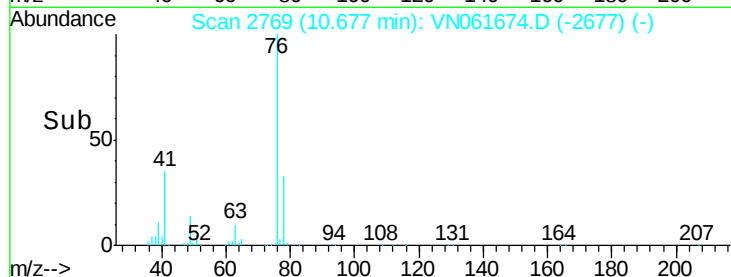
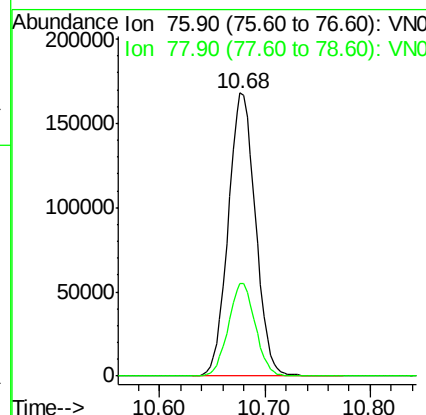
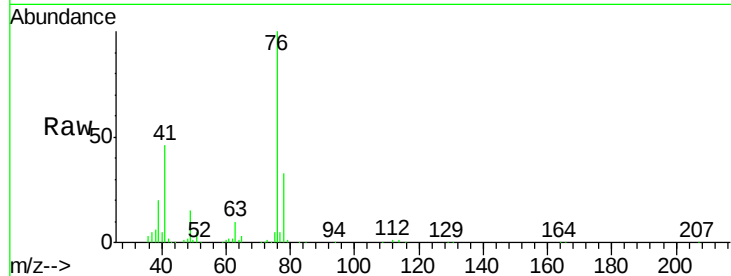
#57
 1,3-Dichloropropane
 Concen: 47.808 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.3	39.5

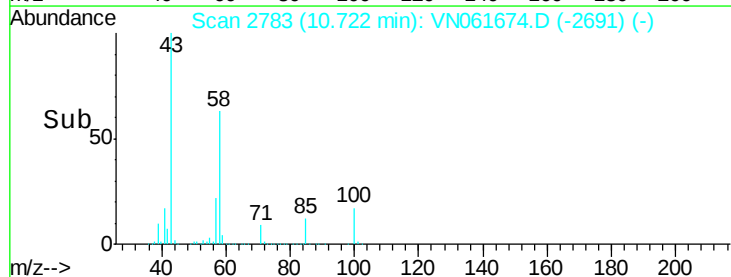
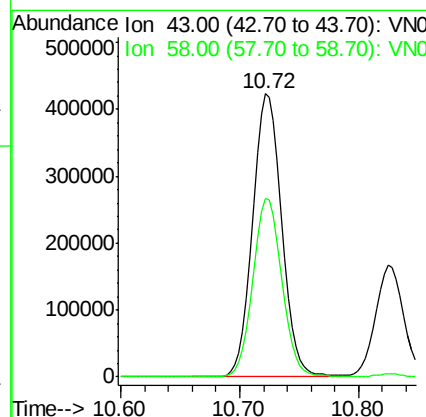
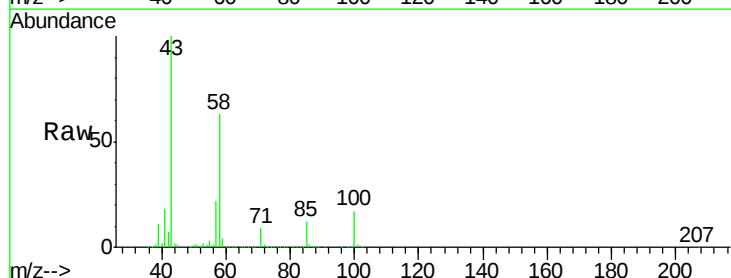
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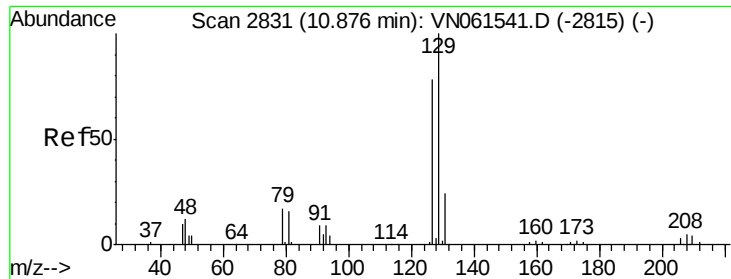
MMDadoda
 6/8/2020 11:49:09 AM



#59
 2-Hexanone
 Concen: 250.584 ug/l
 RT: 10.72 min Scan# 2783
 Delta R.T. -0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	62.7	30.7	92.1





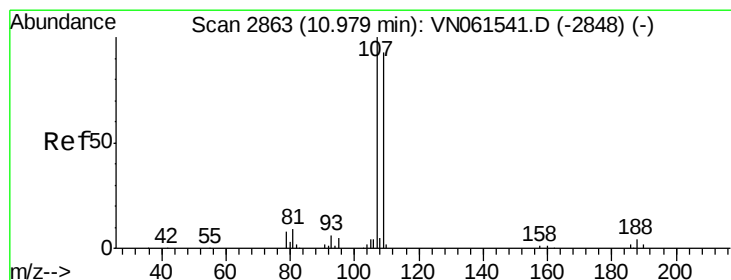
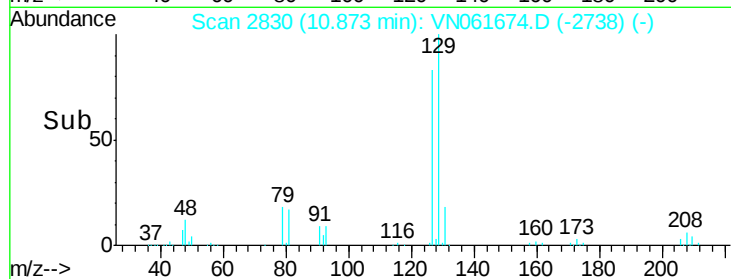
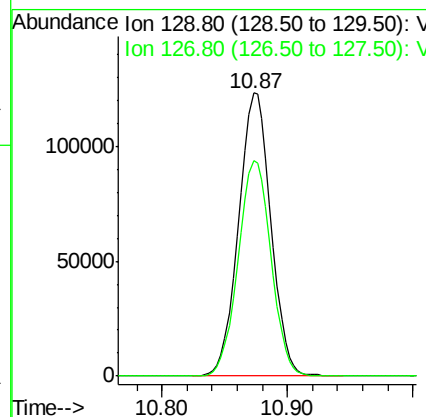
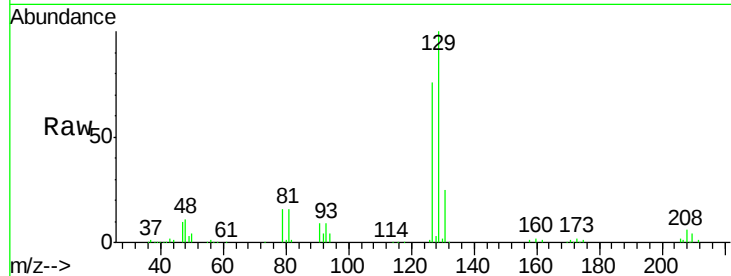
#60
Dibromochloromethane
Concen: 49.348 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.8	116.3

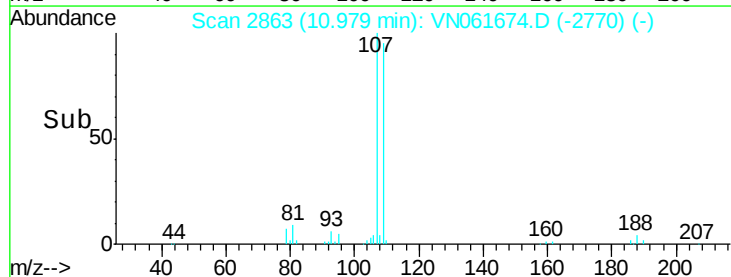
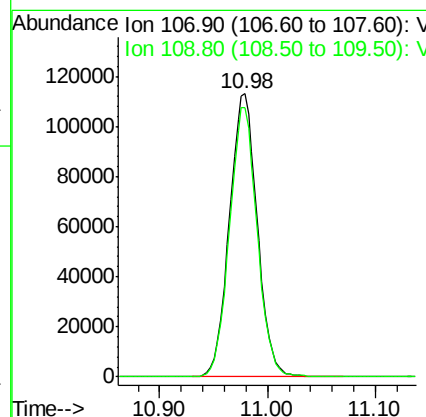
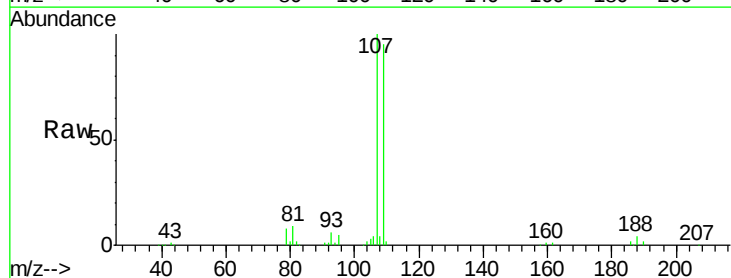
Manual Integrations
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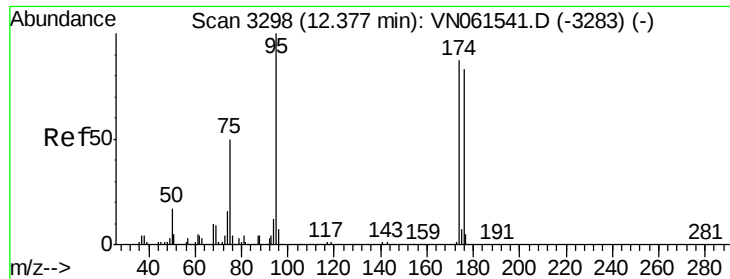
MMDadoda
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#61
1,2-Dibromoethane
Concen: 49.685 ug/l
RT: 10.98 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.1	114.1





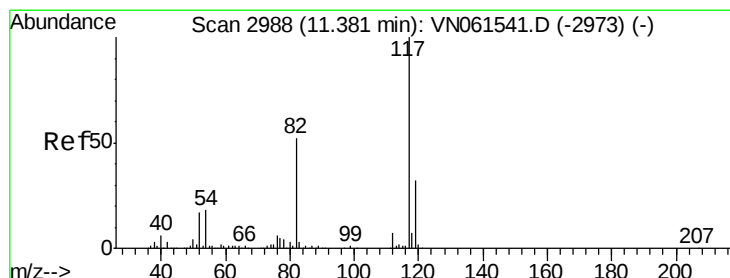
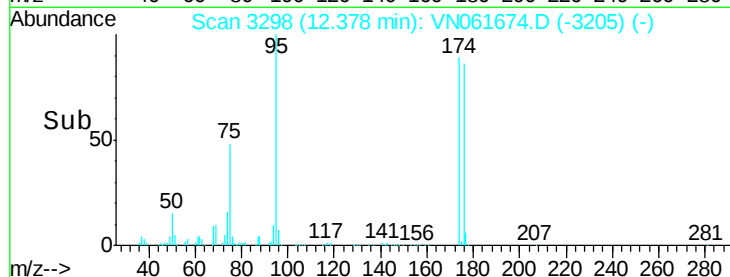
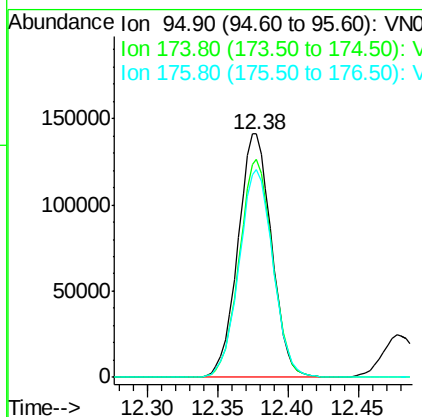
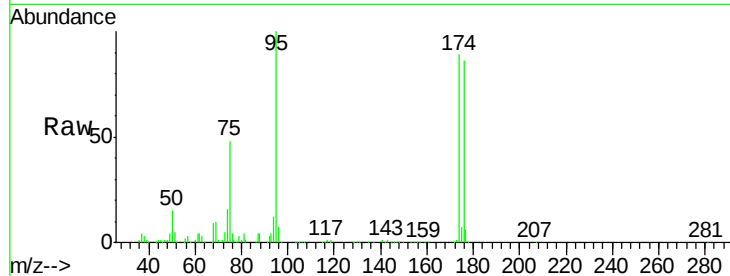
#62
4-Bromofluorobenzene
Concen: 49.768 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	235757		
174	89.0	0.0	172.8	
176	86.1	0.0	164.8	

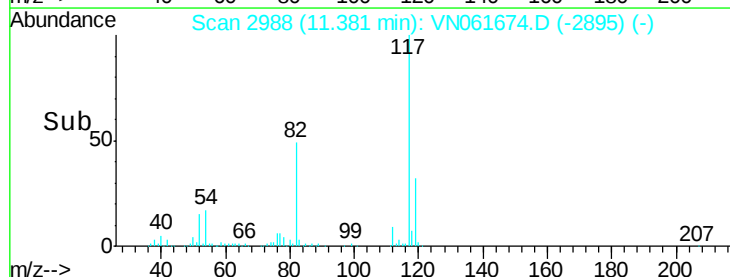
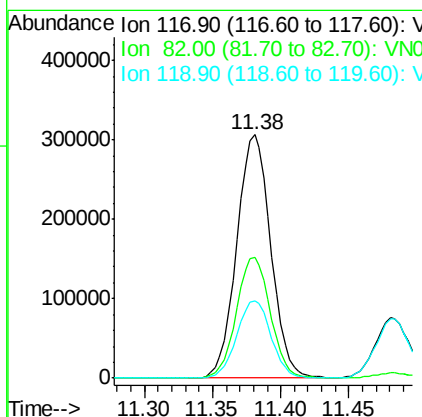
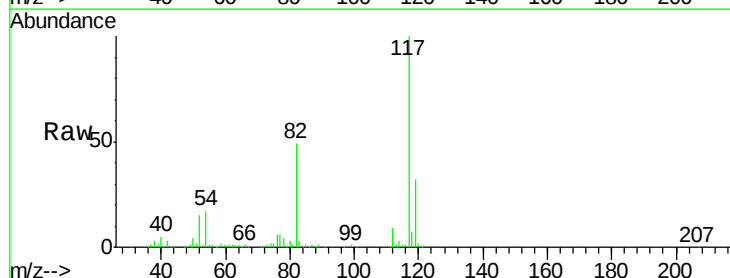
Manual Integrations
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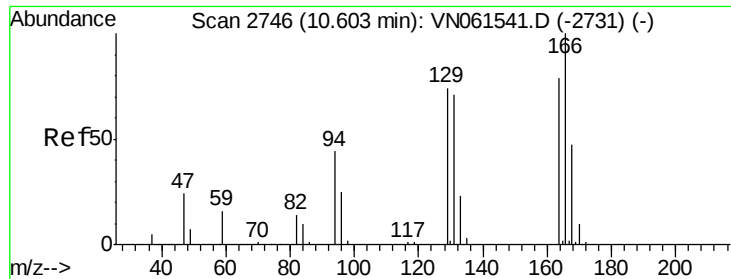
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	531048		
82	49.3	41.5	62.3	
119	31.9	25.6	38.4	





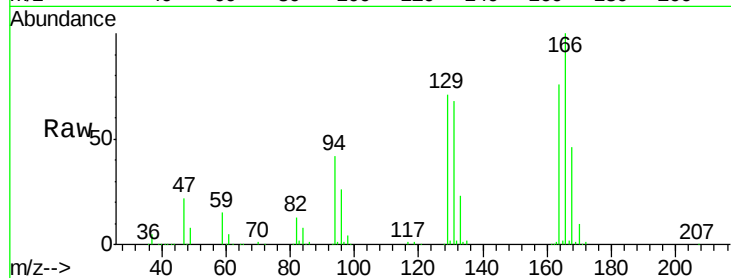
#64
Tetrachloroethene
Concen: 42.308 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MS

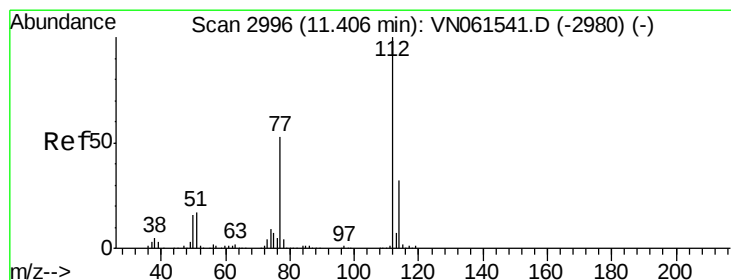
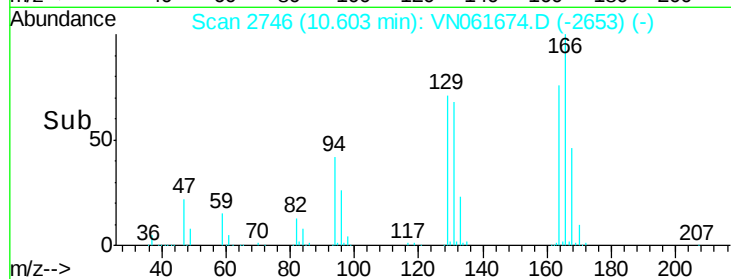
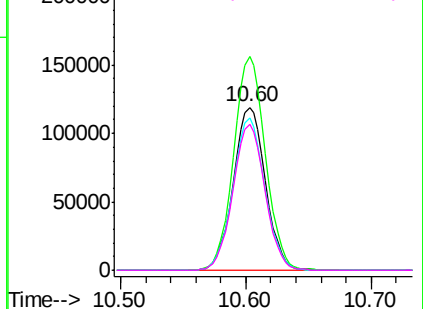
Tot Ion	Ratio	Lower	Upper
164	100		
166	131.0	101.5	152.3
129	93.1	74.9	112.3
131	89.2	72.2	108.2

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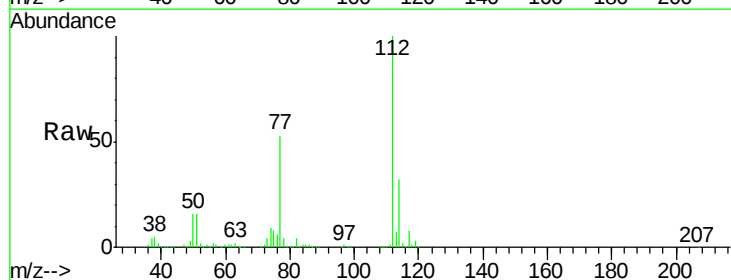


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

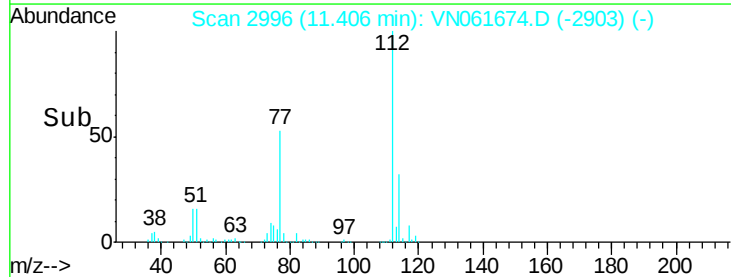
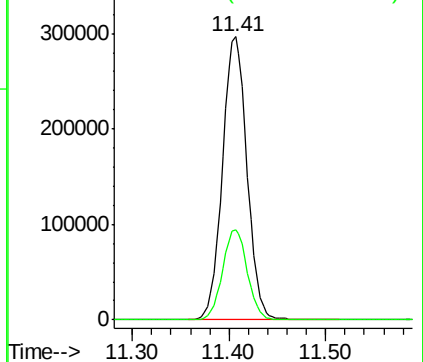


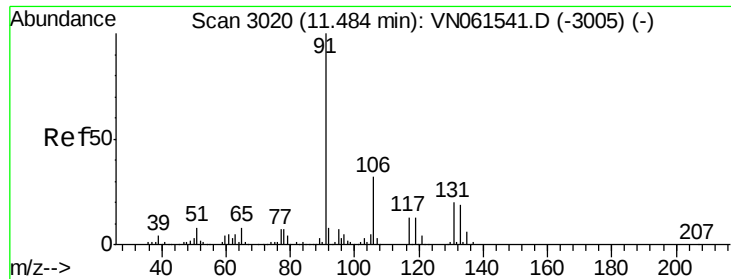
#65
Chlorobenzene
Concen: 47.234 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.7	38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





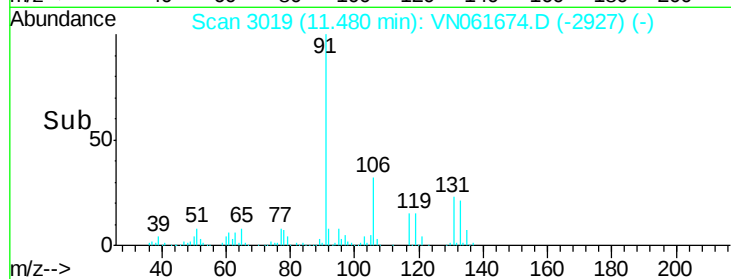
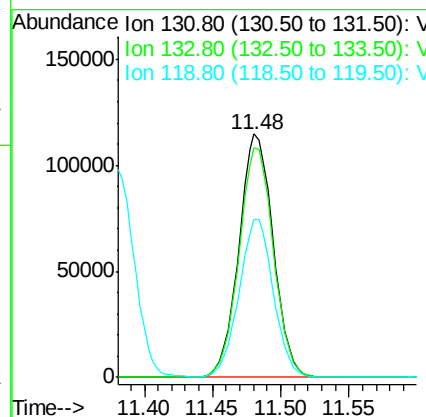
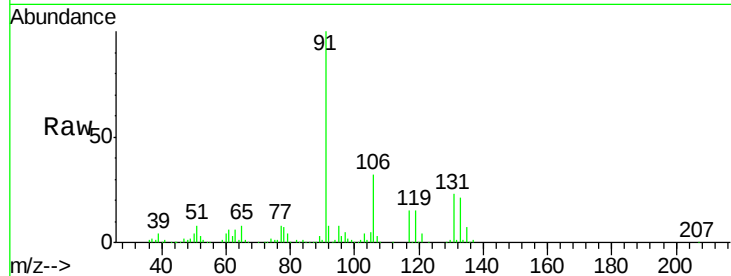
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.555 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. -0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	199569		
133	95.0	47.4	142.2	
119	65.0	32.6	97.8	

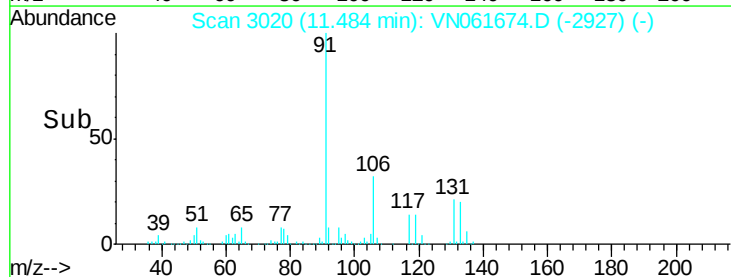
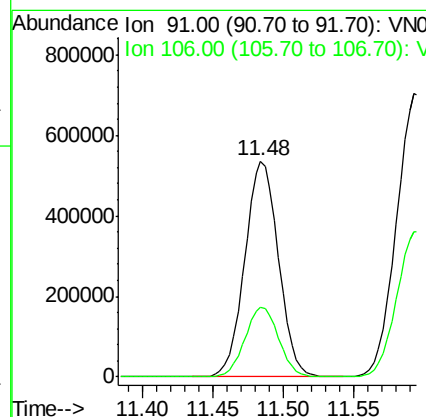
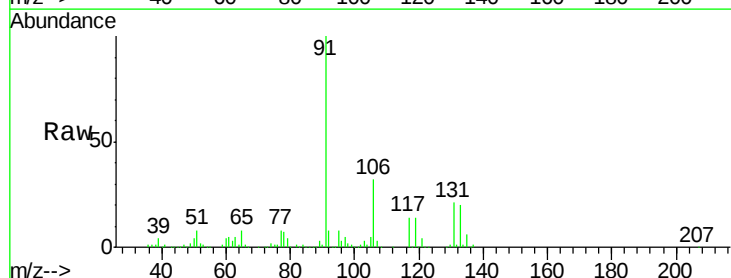
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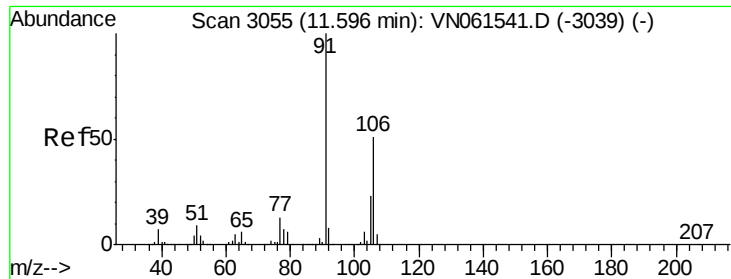
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#67
 Ethyl Benzene
 Concen: 46.925 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	895274		
106	32.3	25.6	38.4	





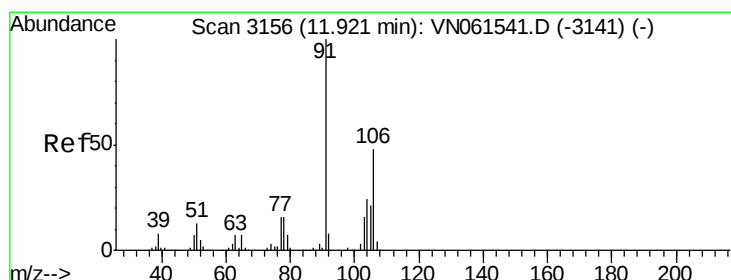
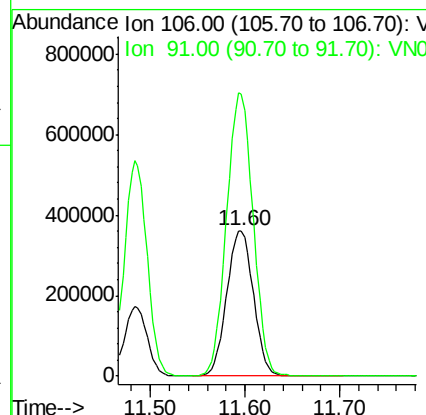
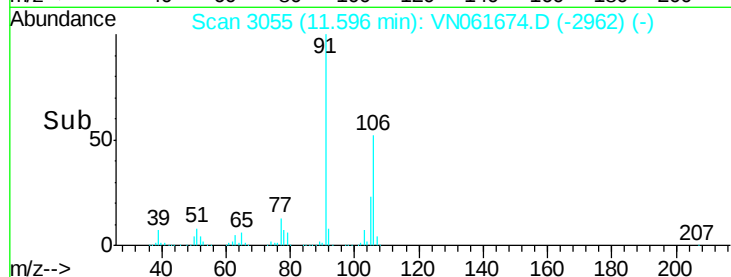
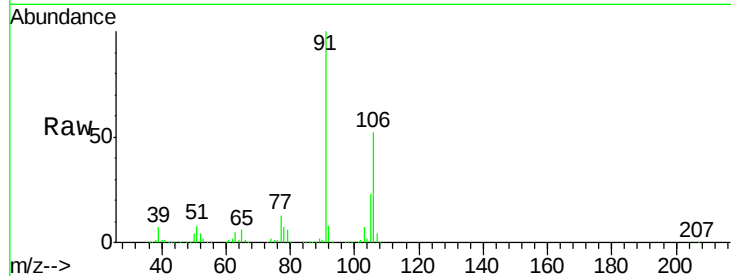
#68
m/p-Xylenes
Concen: 93.450 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		706935		
91	193.9	156.2	234.4		

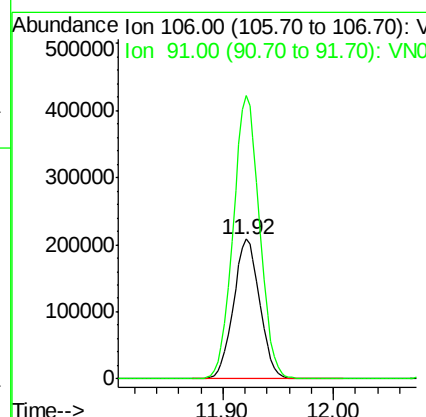
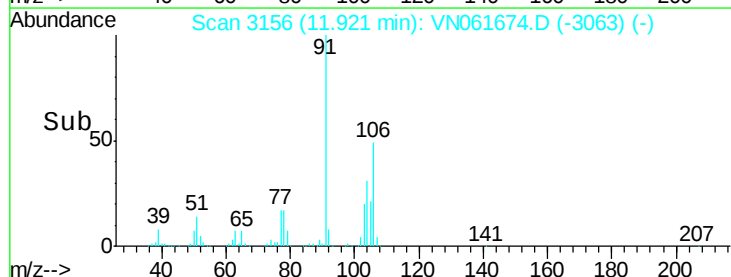
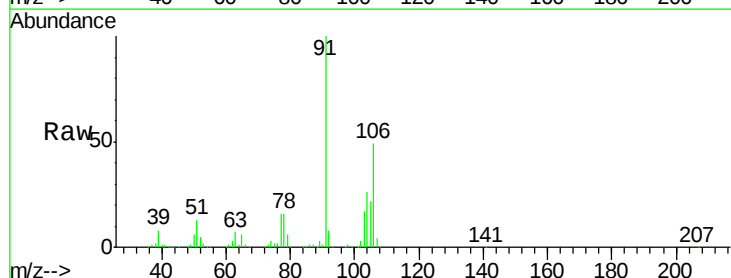
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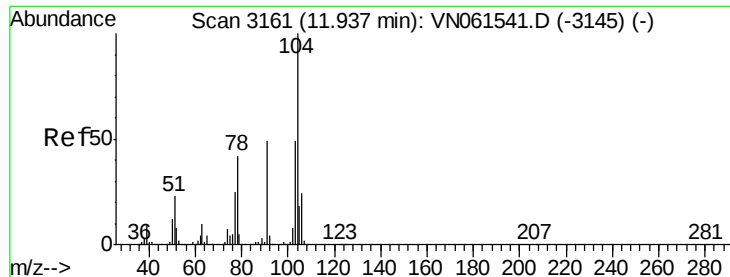
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#69
o-Xylene
Concen: 47.933 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		344404		
91	203.2	103.3	309.8		





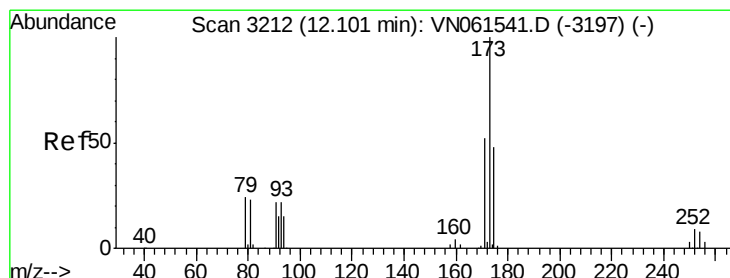
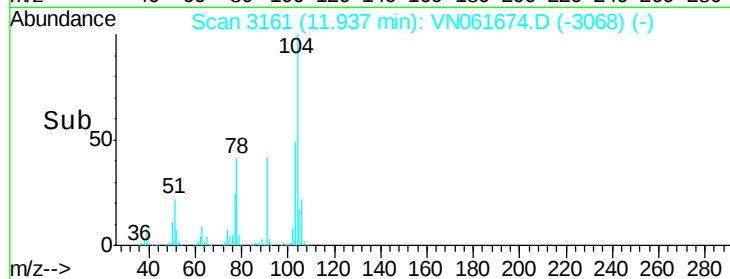
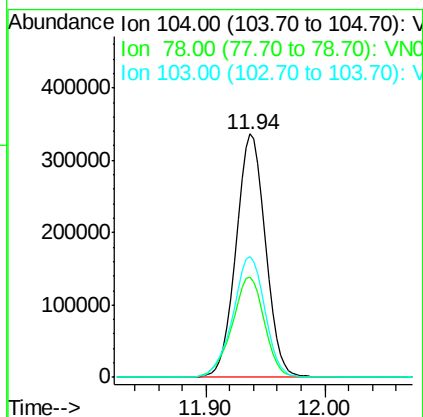
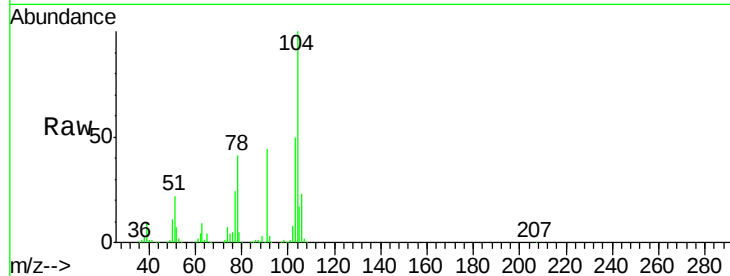
#70
Stvrene
Concen: 48.524 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	45.2	37.4	56.0
103	54.0	42.3	63.5

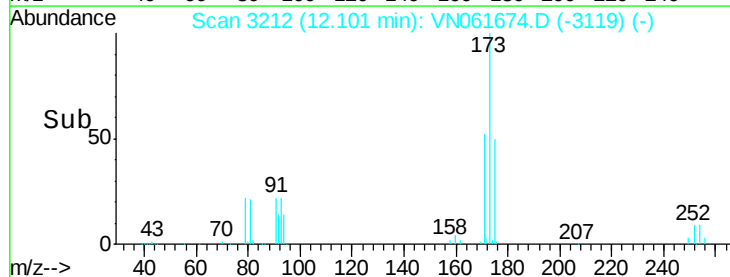
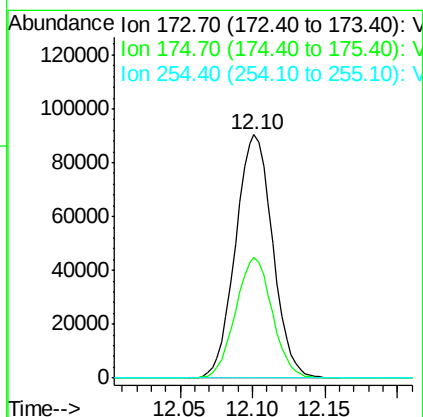
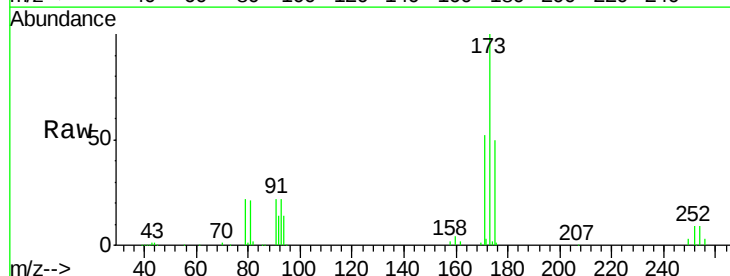
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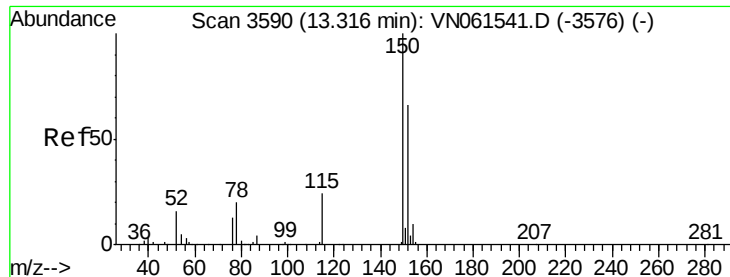
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#71
Bromoform
Concen: 50.820 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.2
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

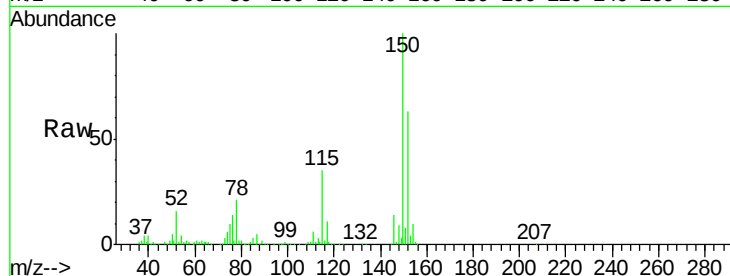
ClientSampled :

VE-4-11MS

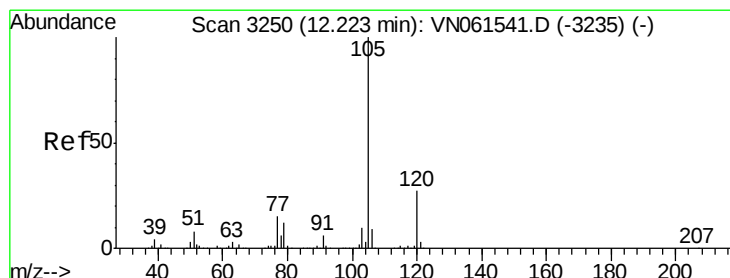
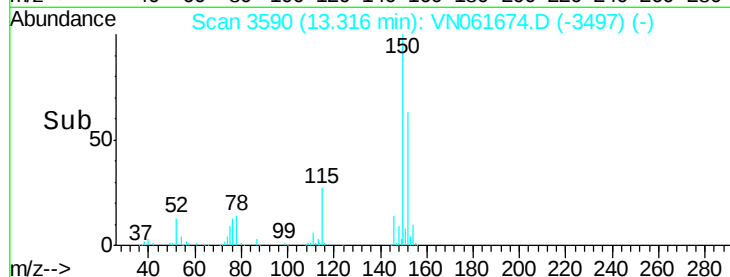
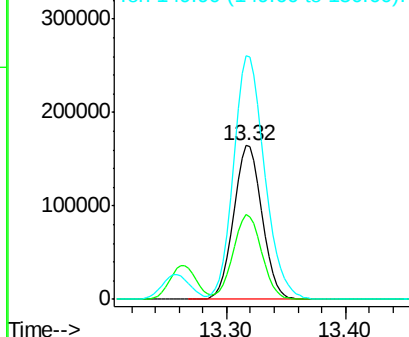
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.0	84.0
150	173.3	0.0	344.0

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



#73

Isopropylbenzene

Concen: 45.028 ug/l

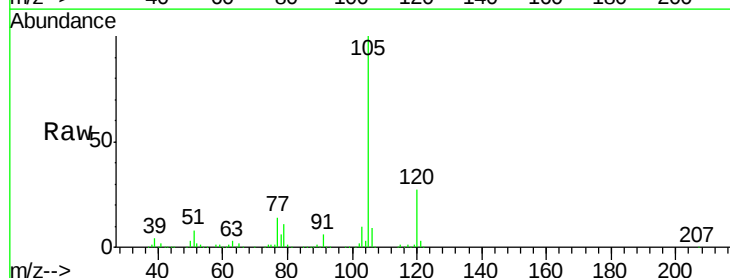
RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

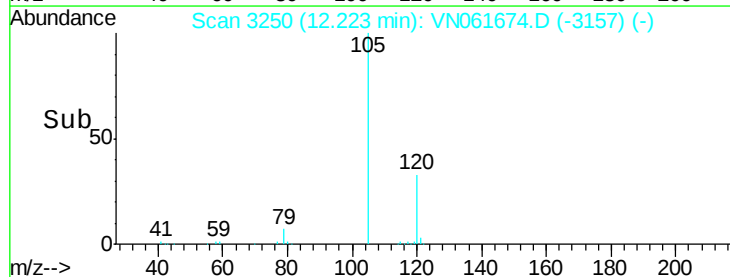
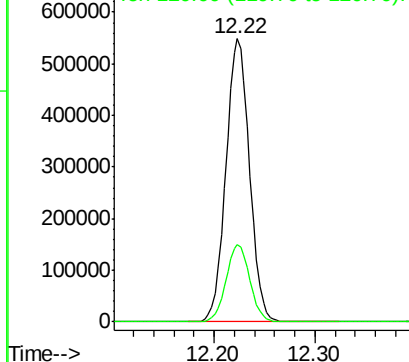
Lab File: VN061674.D

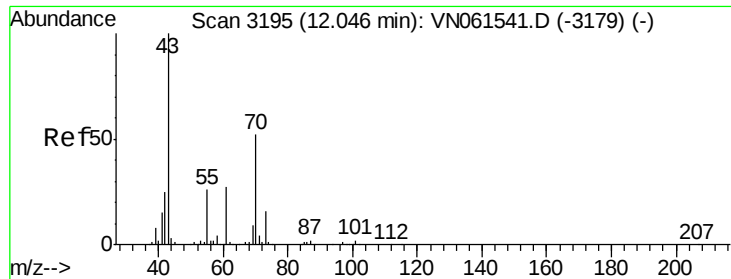
Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.8	41.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.187 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

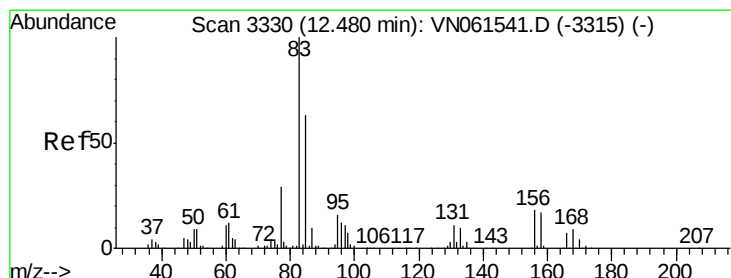
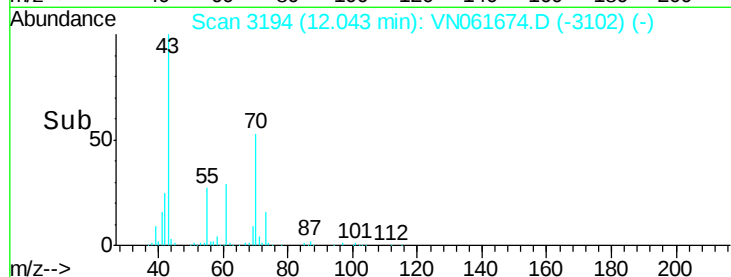
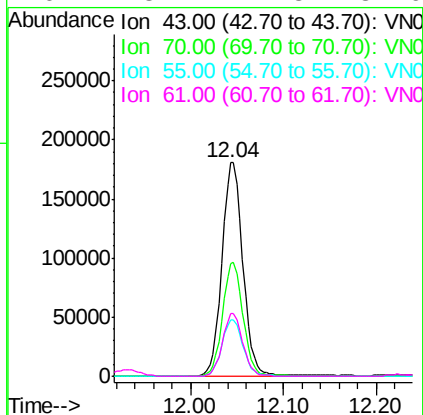
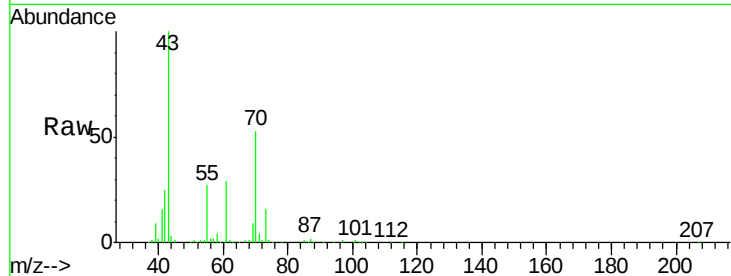
ClientSampled :

VE-4-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		282587		
70	52.5	40.5	60.7		
55	27.0	20.6	31.0		
61	28.7	21.8	32.6		

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#75

1,1,2,2-Tetrachloroethane

Concen: 45.504 ug/l

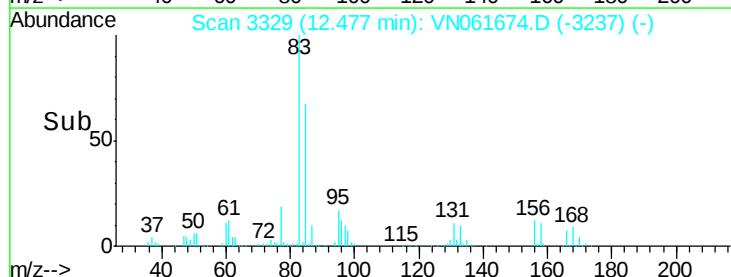
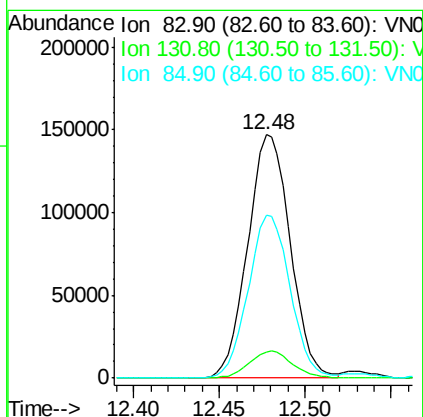
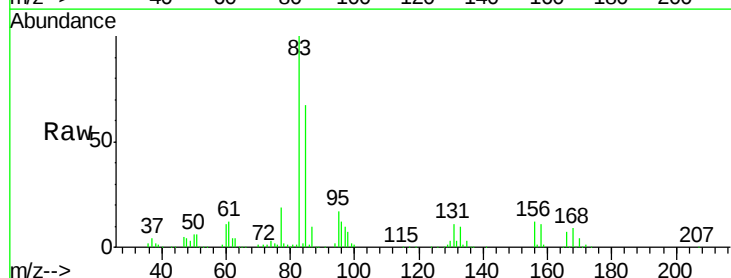
RT: 12.48 min Scan# 3329

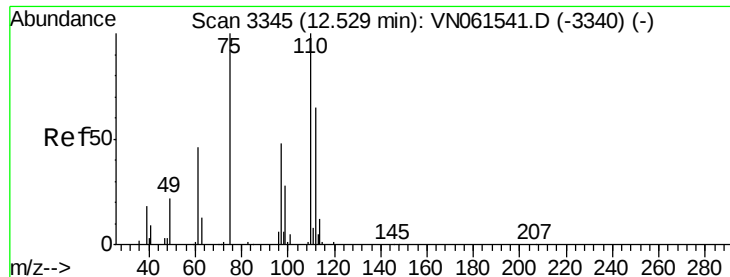
Delta R.T. -0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		253222		
131	11.1	5.5	16.5		
85	65.9	32.1	96.3		





#76

1,2,3-Trichloropropane

Concen: 44.480 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MS

Tot Ion: 75 Resp: 220059

Ion Ratio Lower Upper

75 100

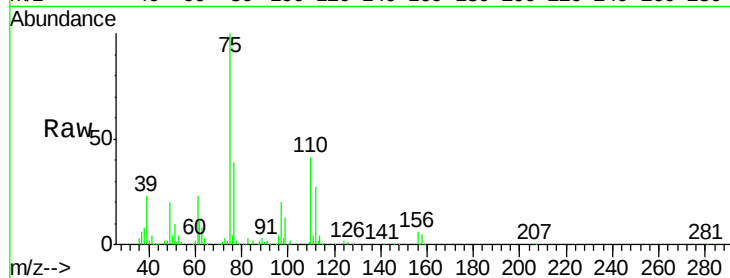
77 0.0 0.0 0.0

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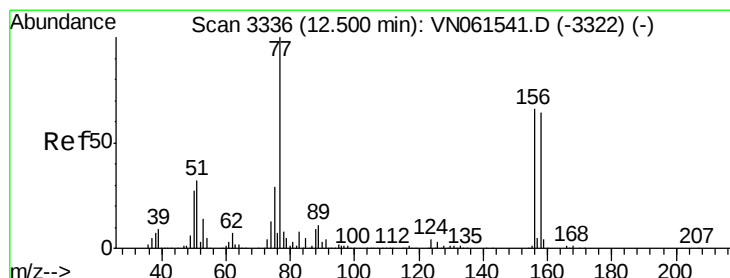
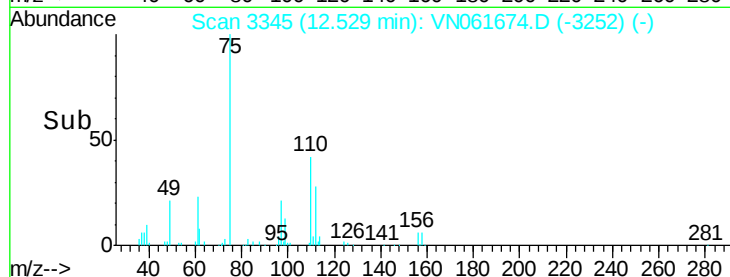
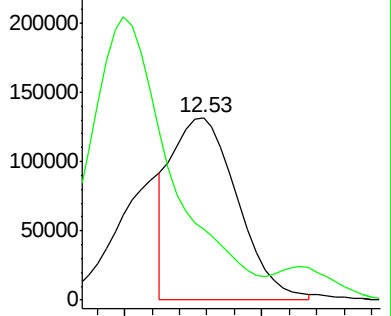
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: 47.853 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

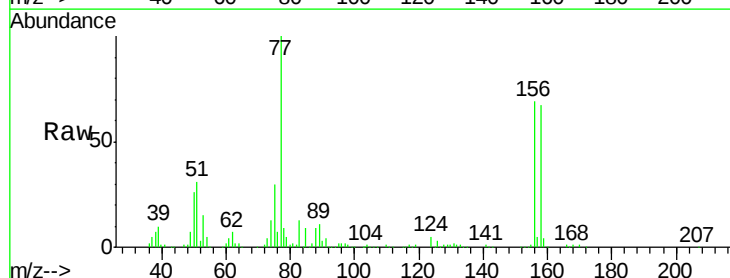
Tgt Ion: 156 Resp: 242558

Ion Ratio Lower Upper

156 100

77 174.5 90.9 272.7

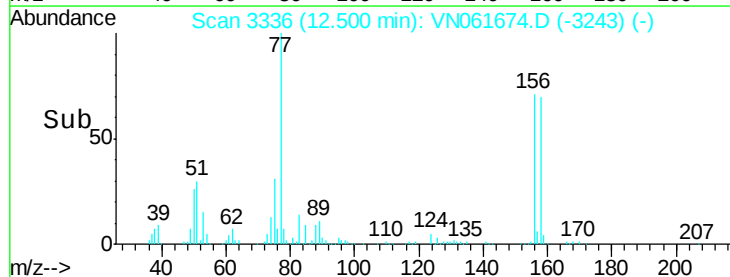
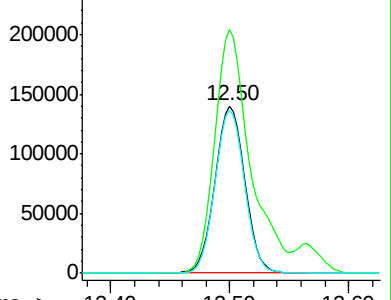
158 96.8 48.4 145.3

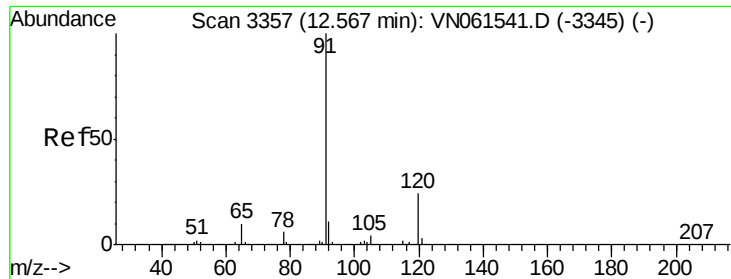


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 44.806 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

Tot Ion: 91 Resp: 993288

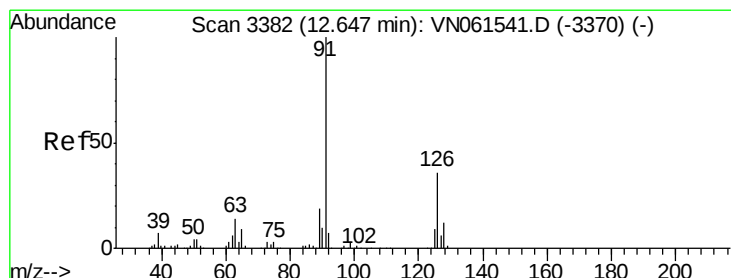
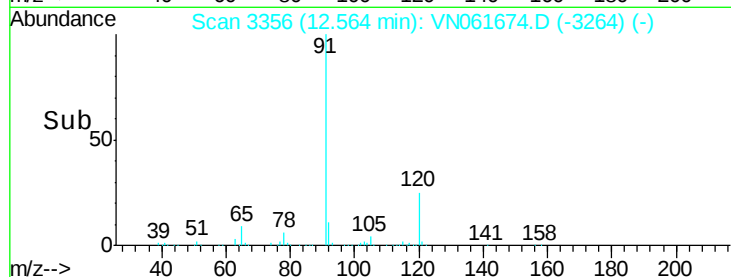
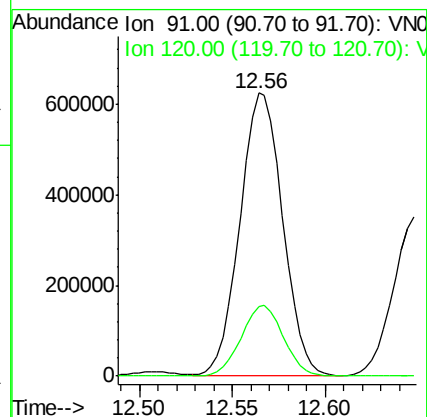
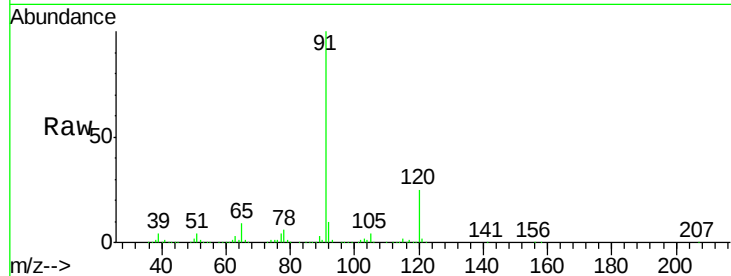
Ion Ratio Lower Upper

91 100

120 24.8 12.3 36.9

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#79

2-Chlorotoluene

Concen: 44.348 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061674.D

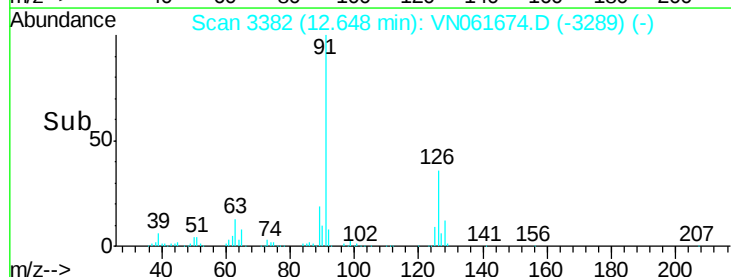
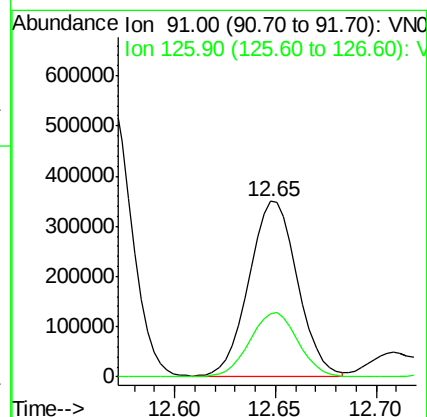
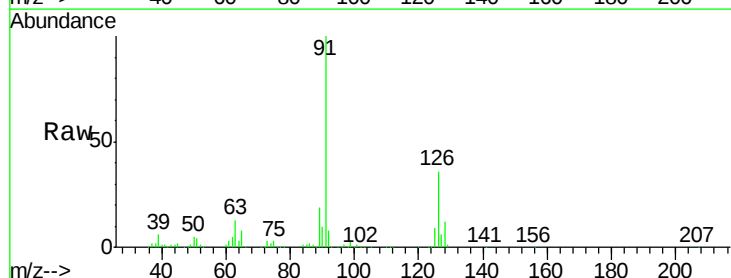
Acq: 5 Jun 2020 17:04

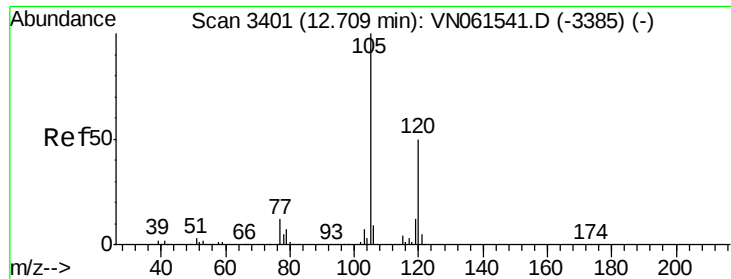
Tgt Ion: 91 Resp: 586226

Ion Ratio Lower Upper

91 100

126 36.8 17.9 53.7





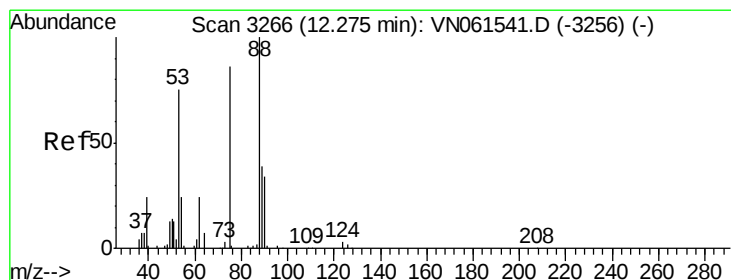
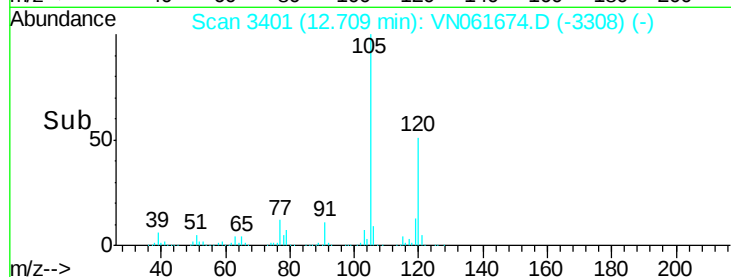
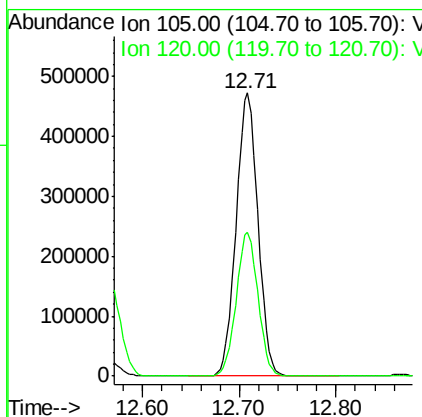
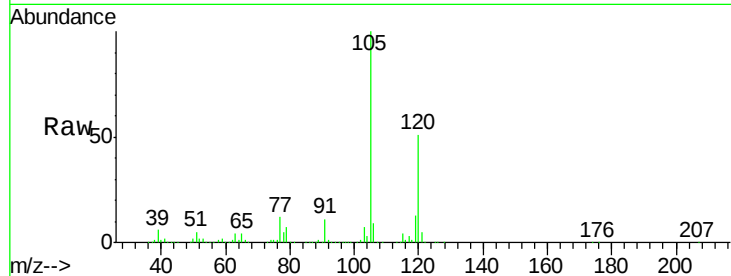
#80
 1,3,5-Trimethylbenzene
 Concen: 44.412 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

Tot Ion:105 Resp: 737131
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.1 75.2

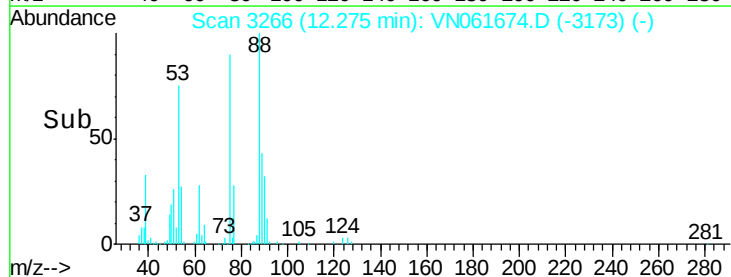
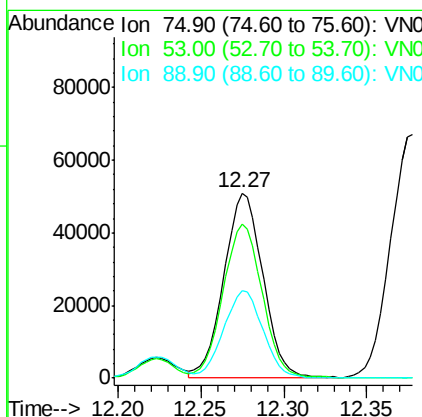
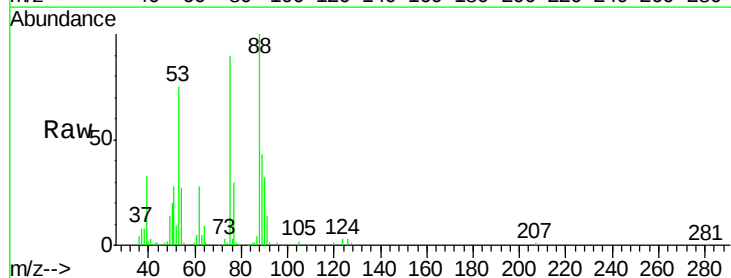
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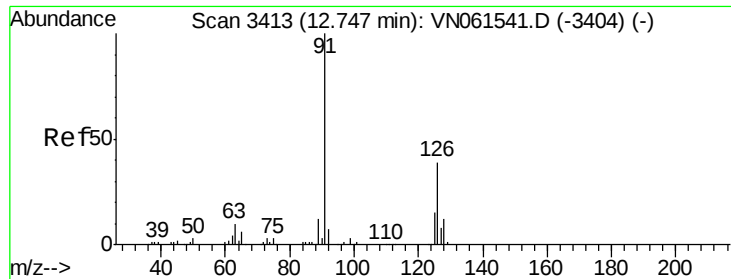
MMDadoda
 6/8/2020 11:49:09 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.319 ug/l
 RT: 12.27 min Scan# 3266
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 75 Resp: 83807
 Ion Ratio Lower Upper
 75 100
 53 83.7 67.8 101.8
 89 47.6 37.1 55.7





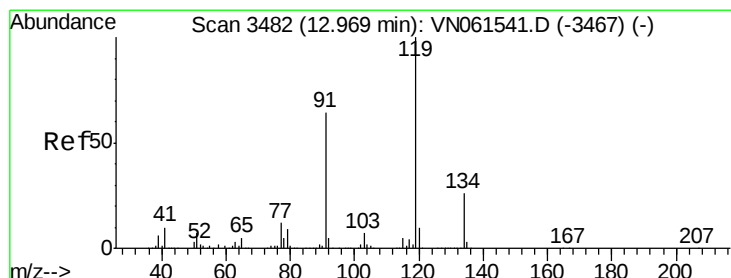
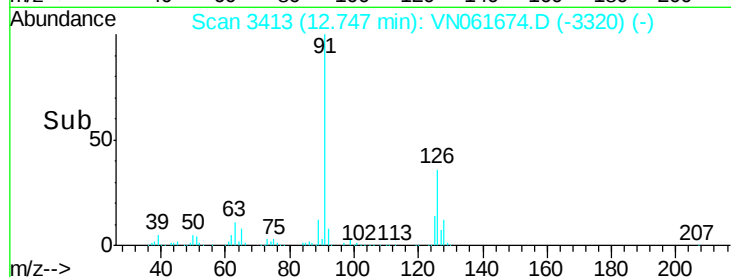
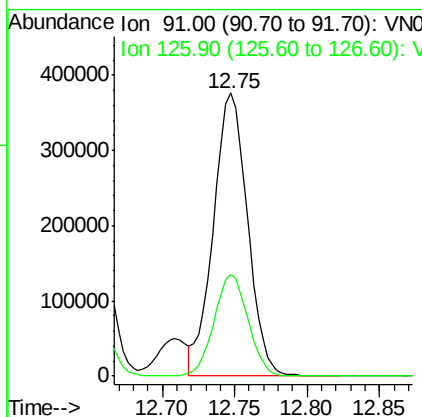
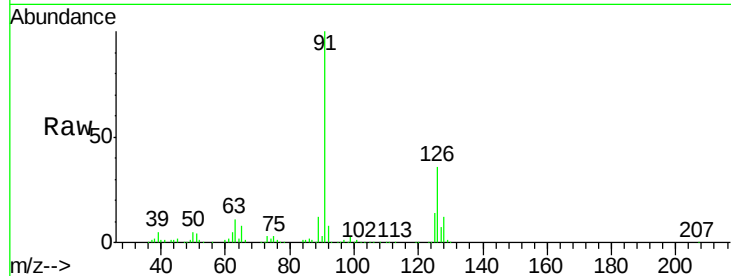
#82
4-Chlorotoluene
Concen: 44.259 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion: 91 Resp: 615482
Ion Ratio Lower Upper
91 100
126 35.9 17.5 52.6

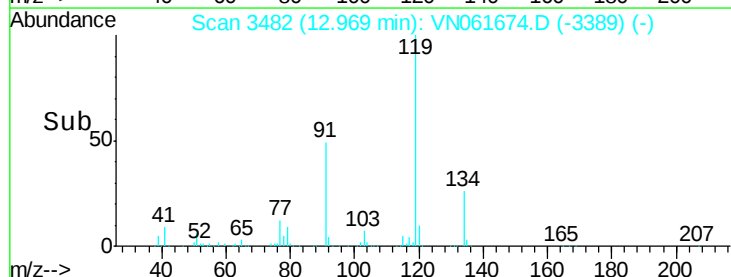
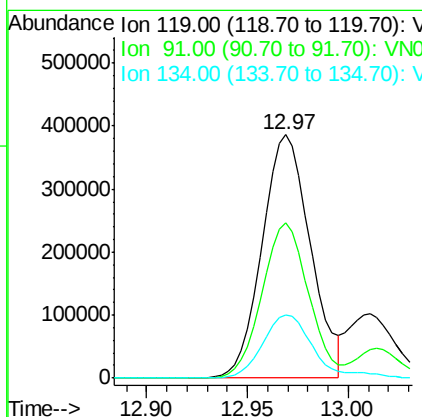
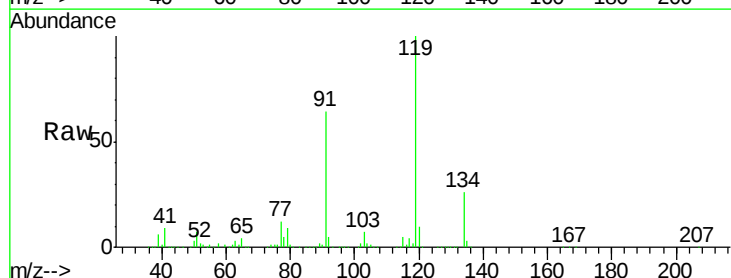
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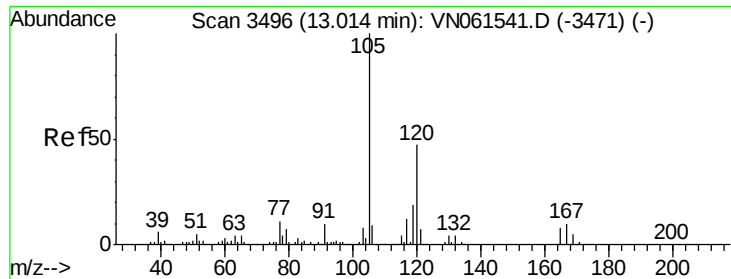
MMDadoda
6/8/2020 11:49:09 AM



#83
tert-Butylbenzene
Concen: 43.902 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion: 119 Resp: 643803
Ion Ratio Lower Upper
119 100
91 61.8 31.3 93.8
134 27.4 13.5 40.4





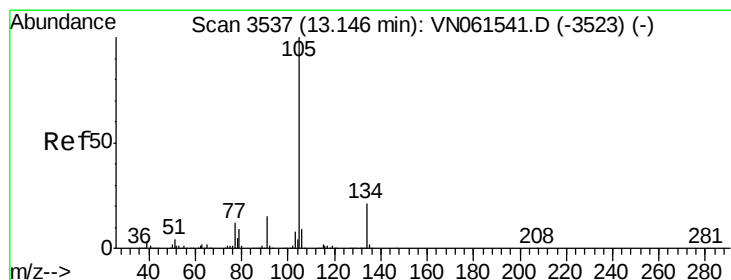
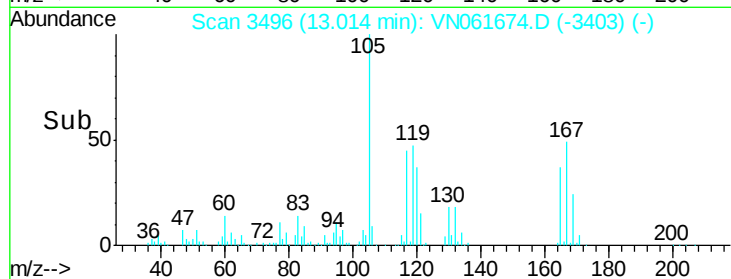
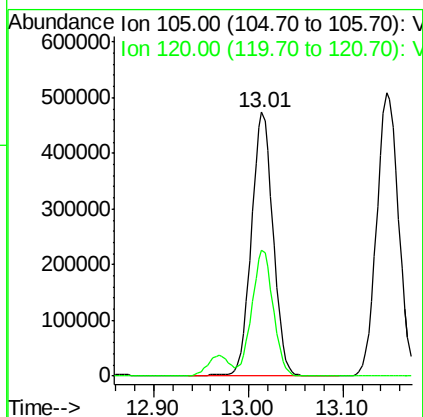
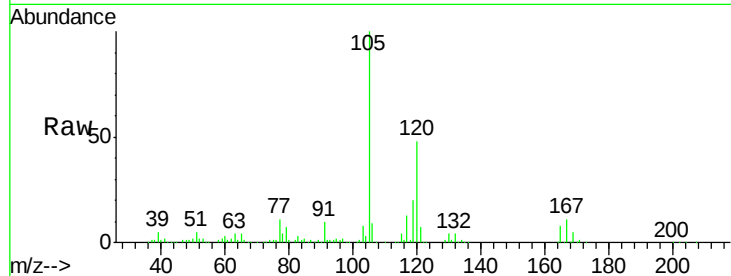
#84
1,2,4-Trimethylbenzene
Concen: 45.828 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.2	69.5

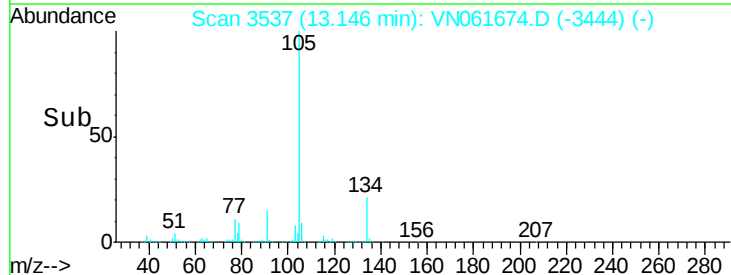
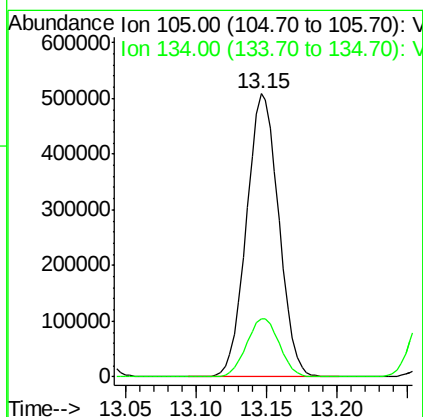
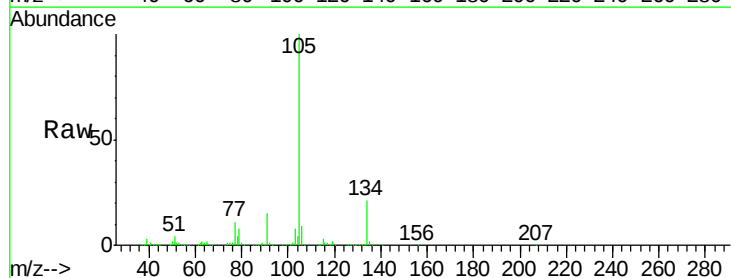
Manual Integrations
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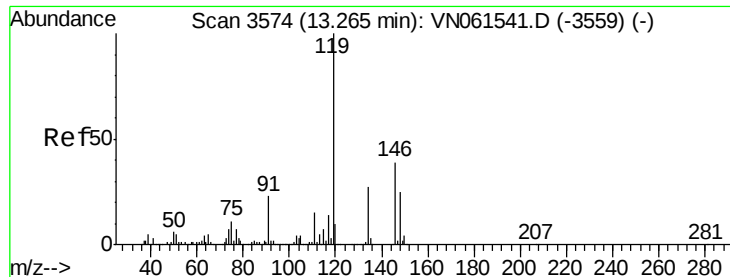
MMDadoda
6/8/2020 11:49:09 AM



#85
sec-Butylbenzene
Concen: 43.097 ug/l
RT: 13.15 min Scan# 3537
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.7	31.9





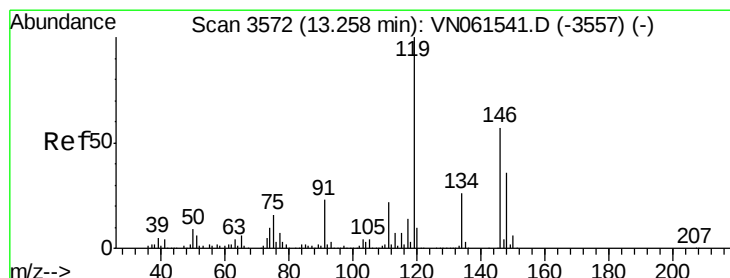
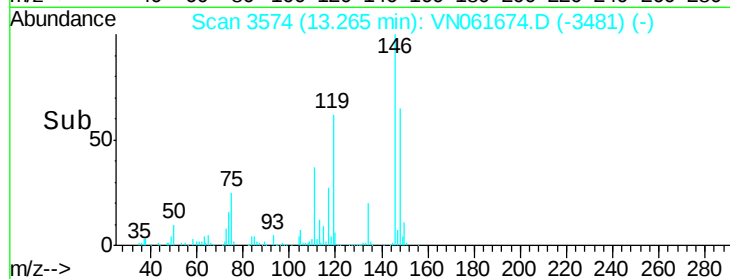
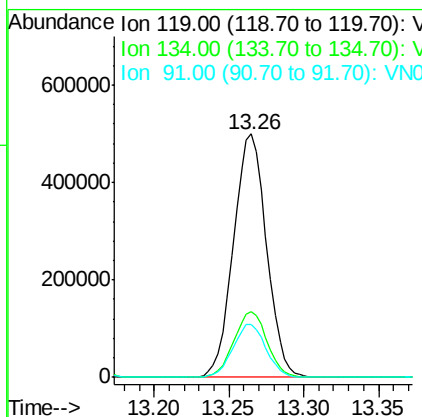
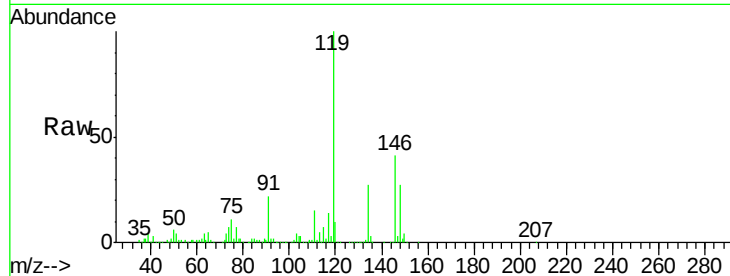
#86
p-Isopropyltoluene
Concen: 43.935 ug/l
RT: 13.26 min Scan# 3574
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	764563		
134	27.1		13.5	40.5
91	21.8		11.4	34.1

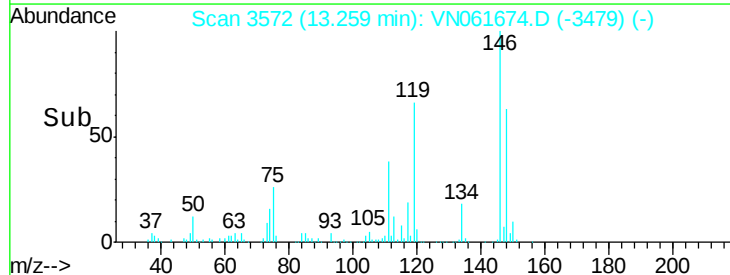
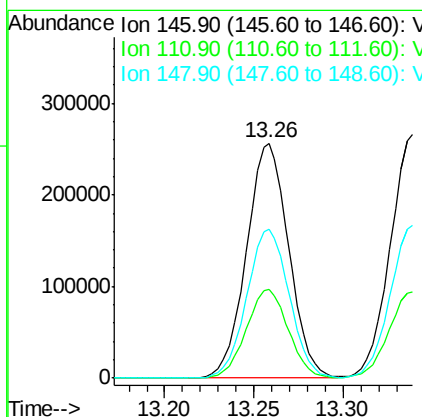
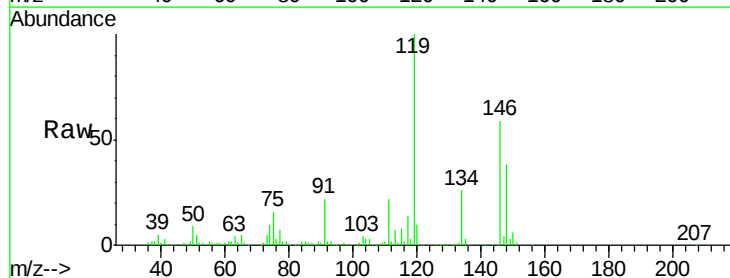
Manual Integrations
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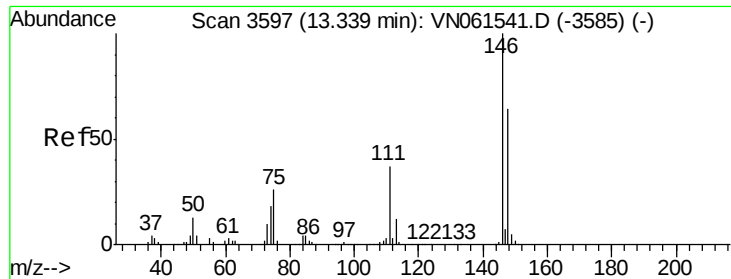
MMDadoda
6/8/2020 11:49:09 AM



#87
1,3-Dichlorobenzene
Concen: 47.211 ug/l
RT: 13.26 min Scan# 3572
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	423765		
111	37.7		19.2	57.6
148	63.9		31.7	95.1





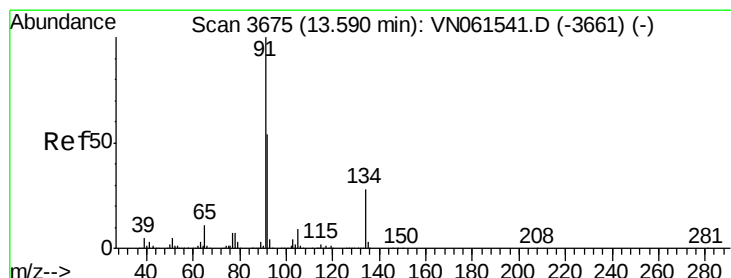
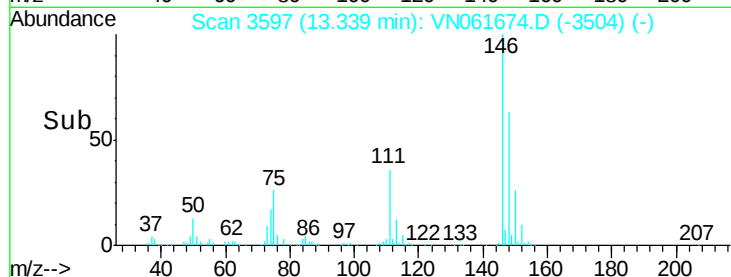
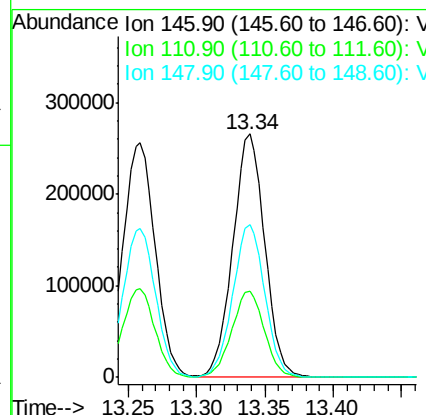
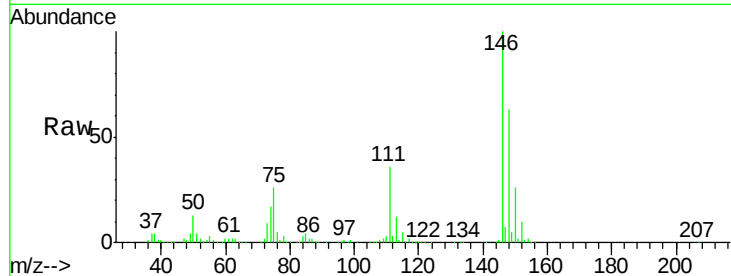
#88
 1,4-Dichlorobenzene
 Concen: 47.112 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	430793		
111	36.1	18.9	56.9	
148	63.3	31.8	95.3	

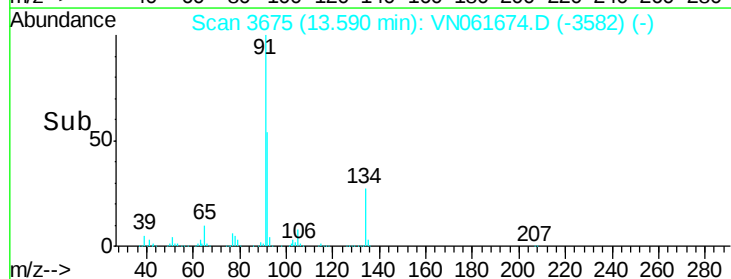
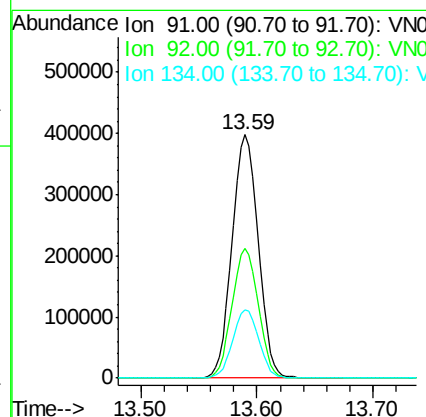
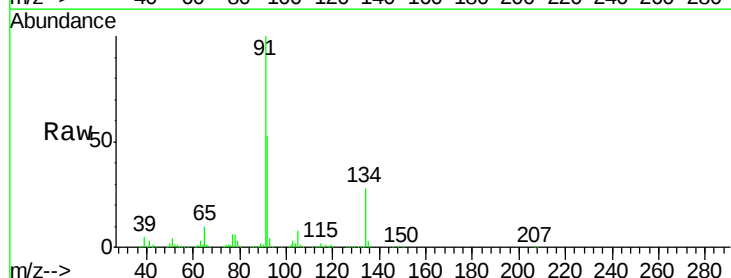
Manual Integrations
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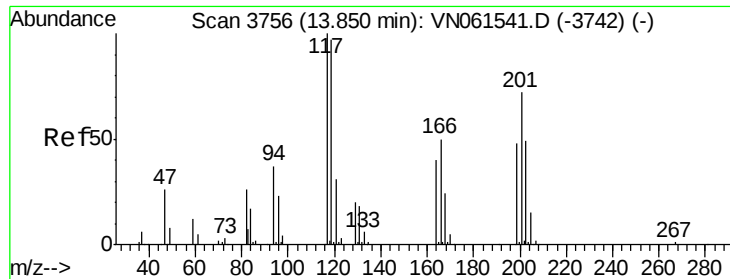
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#89
 n-Butylbenzene
 Concen: 42.441 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	618611		
92	53.4	27.2	81.6	
134	28.0	14.0	42.0	





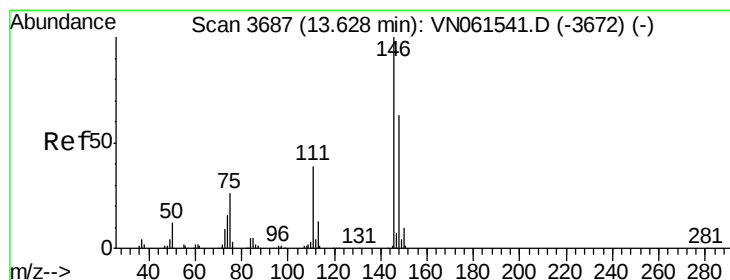
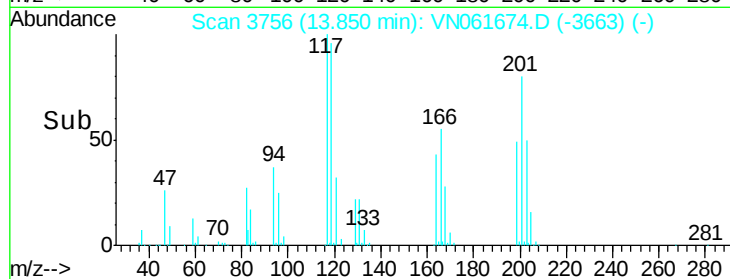
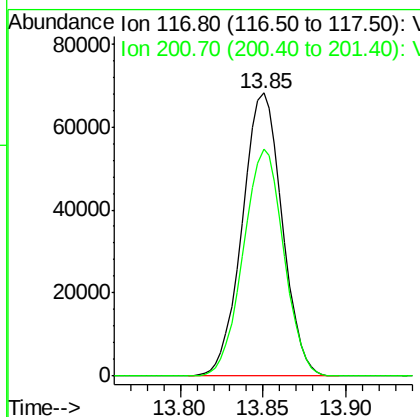
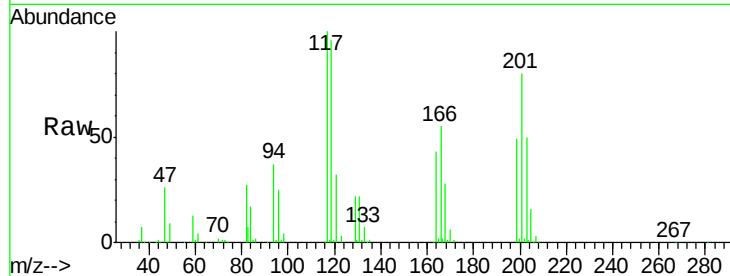
#90
Hexachloroethane
Concen: 59.313 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MS

Tot Ion:117 Resp: 114150
Ion Ratio Lower Upper
117 100
201 81.1 36.7 110.1

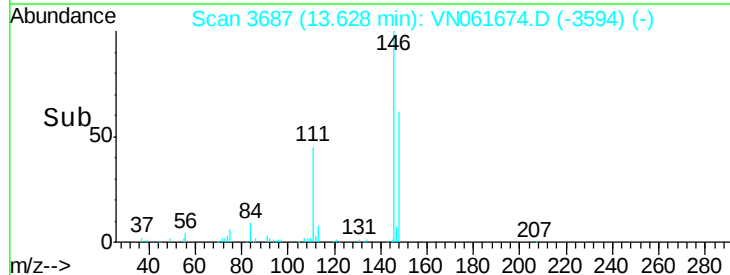
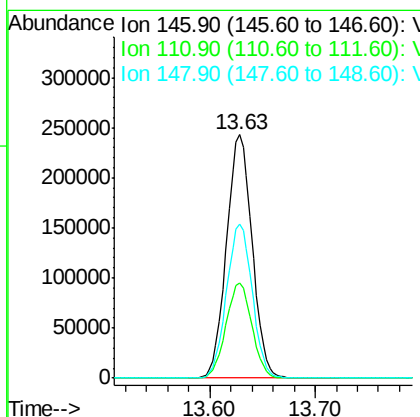
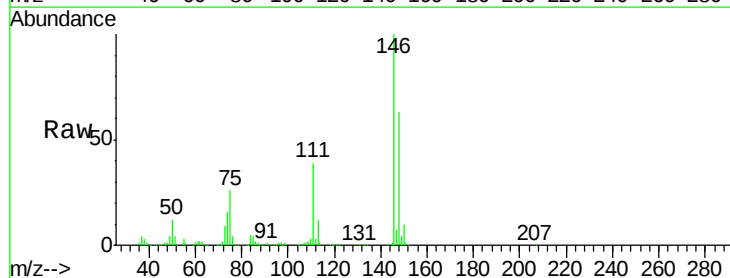
Manual Integrations
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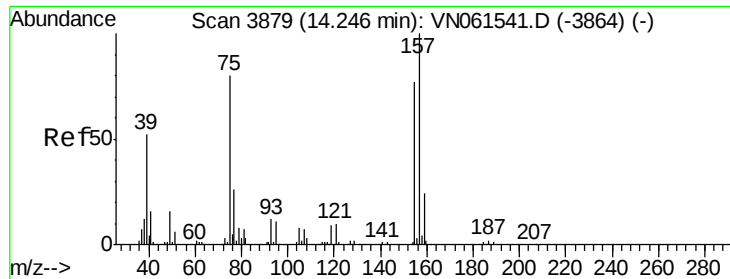
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#91
1,2-Dichlorobenzene
Concen: 47.590 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion:146 Resp: 408220
Ion Ratio Lower Upper
146 100
111 39.5 20.1 60.2
148 63.5 31.9 95.5





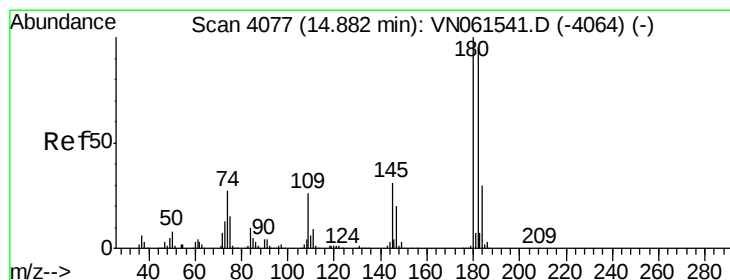
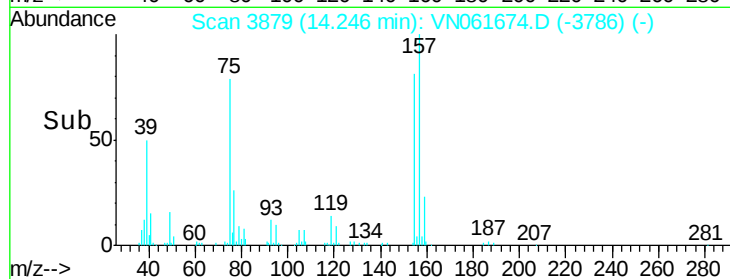
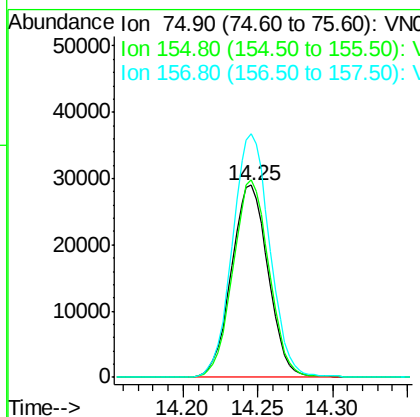
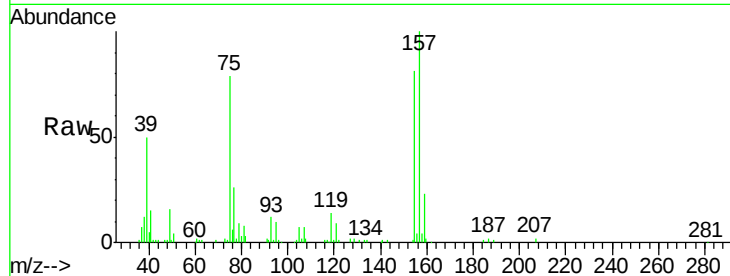
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.792 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	100.9	47.1	141.4
157	128.1	60.3	180.8

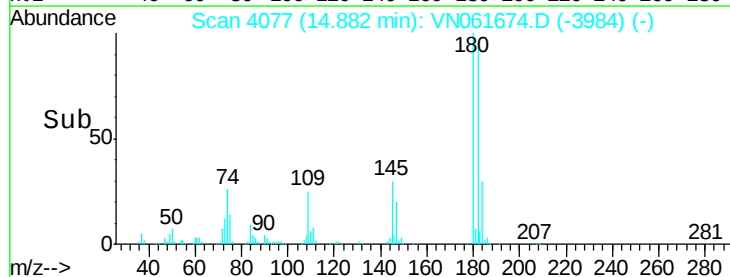
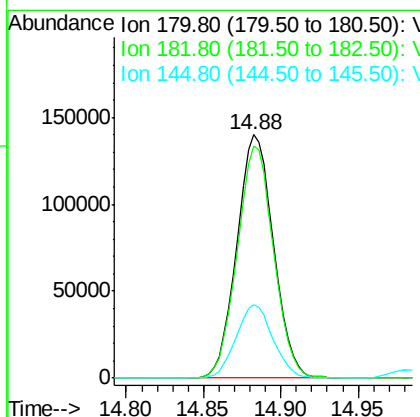
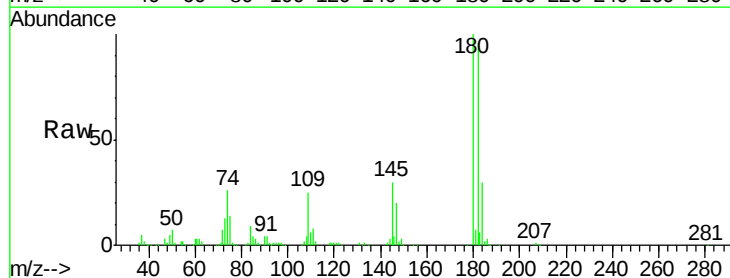
Manual Integrations
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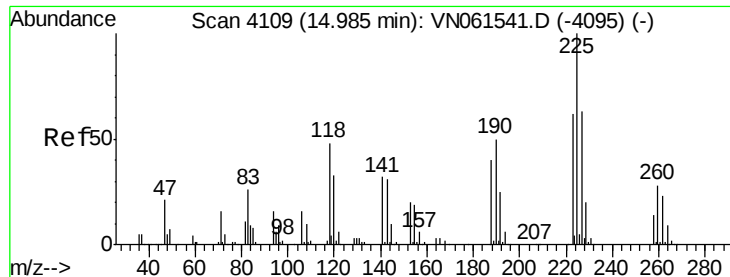
MMDadoda
 6/8/2020 11:49:09 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.977 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.3
145	30.4	15.5	46.5





#94

Hexachlorobutadiene

Concen: 40.745 ug/l

RT: 14.99 min Scan# 4109

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

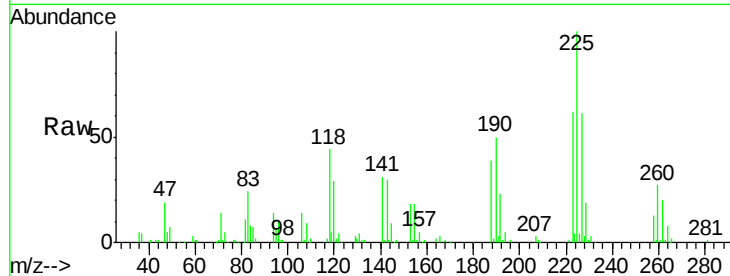
ClientSampleId :

VE-4-11MS

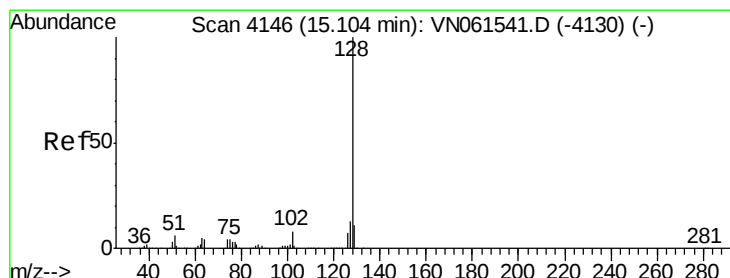
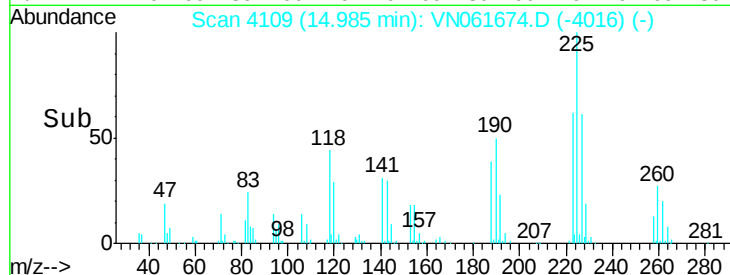
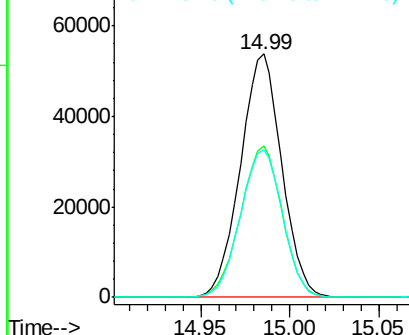
Tot Ion:	225	Resp:	87177
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.9	95.5
227	61.8	31.9	95.9

Manual Integrations
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6/8/2020 11:49:09 AM



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: 47.976 ug/l

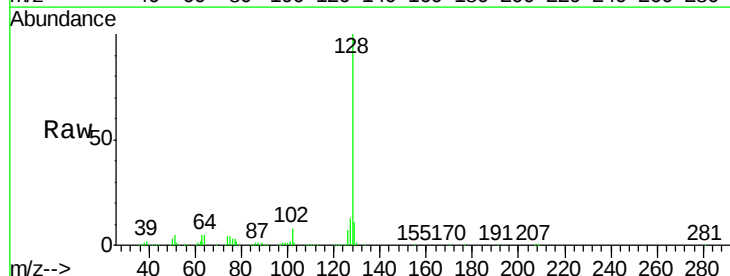
RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

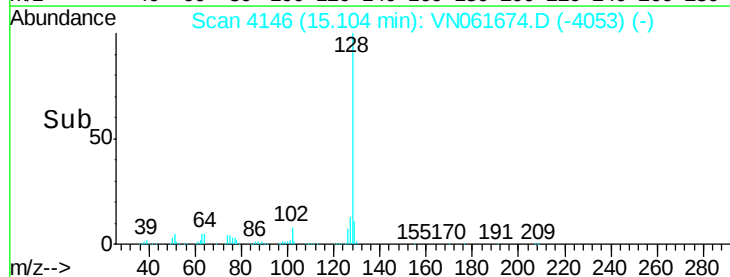
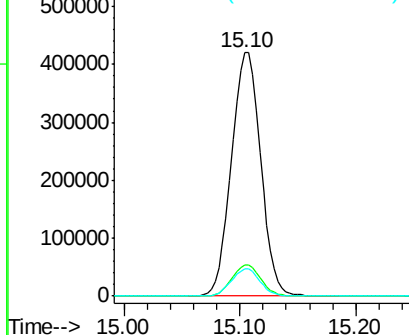
Lab File: VN061674.D

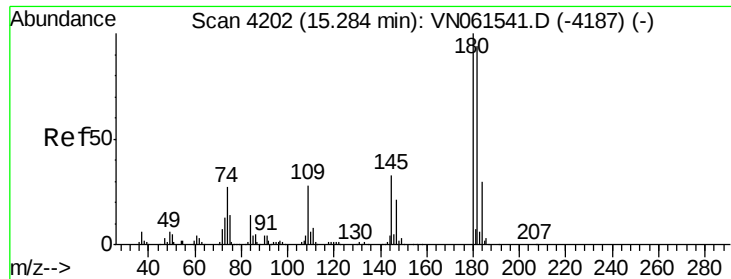
Acq: 5 Jun 2020 17:04

Tgt Ion:	128	Resp:	732567
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.0	15.0
129	11.0	8.5	12.7



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





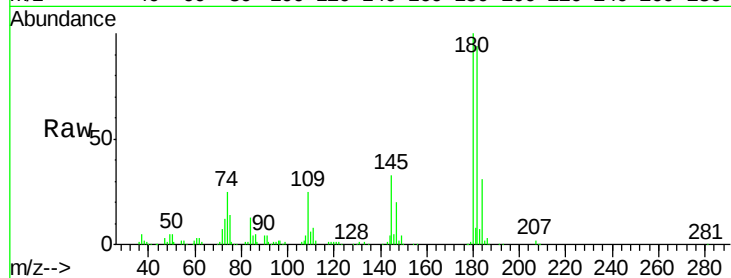
#96
 1,2,3-Trichlorobenzene
 Concen: 45.949 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	226642		
182	95.5	47.1	141.3	
145	32.3	16.3	48.9	

Manual Integrations
 APPROVED

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 6/8/2020 11:49:09 AM



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

