

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062994.D
 Acq On : 18 Aug 2020 19:05
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:46:09 PM

Quant Time: Aug 19 05:56:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	182691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	279591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	113700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	12147	5.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.22%	
35) Dibromofluoromethane	7.55	113	9743	5.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.70%	
50) Toluene-d8	10.06	98	35161	5.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.04%	
62) 4-Bromofluorobenzene	12.38	95	11141	4.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	8347	3.859	ug/l	99
3) Chloromethane	2.04	50	9916	3.959	ug/l	97
4) Vinyl Chloride	2.16	62	10437	4.308	ug/l	99
5) Bromomethane	2.51	94	6364	4.426	ug/l	96
6) Chloroethane	2.66	64	6316	4.416	ug/l	94
7) Trichlorofluoromethane	2.98	101	13785	4.563	ug/l	89
8) Diethyl Ether	3.37	74	5407	5.059	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	9032	5.548	ug/l	95
10) Methyl Iodide	3.91	142	9021	4.372	ug/l	100
11) Tert butyl alcohol	4.73	59	8396	27.376	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	8151	5.256	ug/l	93
13) Acrolein	3.57	56	5511	57.359	ug/l	100
14) Allyl chloride	4.28	41	13729	5.021	ug/l	98
15) Acrylonitrile	4.94	53	22360	24.805	ug/l	99
16) Acetone	3.78	43	18964	25.720	ug/l	95
17) Carbon Disulfide	4.01	76	18780	4.624	ug/l	96
18) Methyl Acetate	4.28	43	10671	4.959	ug/l	95
19) Methyl tert-butyl Ether	5.00	73	24569	4.543	ug/l	97
20) Methylene Chloride	4.50	84	12783	5.258	ug/l	89
21) trans-1,2-Dichloroethene	4.98	96	8312	5.122	ug/l	92
22) Diisopropyl ether	5.90	45	30218	4.870	ug/l #	82
23) Vinyl Acetate	5.85	43	109647	26.187	ug/l	100
24) 1,1-Dichloroethane	5.80	63	17492	5.045	ug/l	99
25) 2-Butanone	6.79	43	27628	24.034	ug/l	99
26) 2,2-Dichloropropane	6.77	77	14107	5.173	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	10360	5.093	ug/l	96
28) Bromochloromethane	7.16	49	9191	5.066	ug/l #	97
29) Tetrahydrofuran	7.17	42	17362	23.402	ug/l	98
30) Chloroform	7.33	83	18569	5.318	ug/l	98
31) Cyclohexane	7.62	56	15386	4.821	ug/l #	72
32) 1,1,1-Trichloroethane	7.53	97	14720	5.163	ug/l	98
36) 1,1-Dichloropropene	7.76	75	12153	4.932	ug/l	97
37) Ethyl Acetate	6.89	43	11833	5.113	ug/l	96
38) Carbon Tetrachloride	7.74	117	12882	5.179	ug/l	100

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	11648	4.001	ug/l	97
40) Benzene	8.00	78	39480	5.052	ug/l	99
41) Methacrylonitrile	7.14	41	5469m	4.972	ug/l	
42) 1,2-Dichloroethane	8.09	62	13693	5.218	ug/l	95
43) Isopropyl Acetate	8.13	43	19329	5.054	ug/l	98
44) Trichloroethene	8.80	130	9654	4.966	ug/l	96
45) 1,2-Dichloropropane	9.09	63	11150	4.936	ug/l	96
46) Dibromomethane	9.18	93	6952	5.327	ug/l	97
47) Bromodichloromethane	9.37	83	14424	5.047	ug/l	99
48) Methyl methacrylate	9.17	41	8728	4.823	ug/l	92
49) 1,4-Dioxane	9.17	88	3364	95.362	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	56539	23.386	ug/l	96
52) Toluene	10.12	92	22698	4.815	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	13596	4.600	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	15082	4.652	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	9697	4.811	ug/l	98
56) Ethyl methacrylate	10.40	69	11454	4.208	ug/l	95
57) 1,3-Dichloropropane	10.68	76	16152	4.826	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	13732	21.049	ug/l	98
59) 2-Hexanone	10.73	43	37554	22.269	ug/l	94
60) Dibromochloromethane	10.87	129	11117	4.984	ug/l	99
61) 1,2-Dibromoethane	10.98	107	9342	4.823	ug/l	95
64) Tetrachloroethene	10.61	164	8916	5.110	ug/l	95
65) Chlorobenzene	11.41	112	25823	4.844	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	9815	4.734	ug/l	95
67) Ethyl Benzene	11.49	91	40960	4.548	ug/l	99
68) m/p-Xylenes	11.60	106	29347	8.766	ug/l	100
69) o-Xylene	11.92	106	13943	4.337	ug/l	99
70) Styrene	11.94	104	22857	4.143	ug/l	98
71) Bromoform	12.10	173	7976	4.833	ug/l #	95
73) Isopropylbenzene	12.23	105	36752	4.720	ug/l	99
74) N-amyl acetate	12.05	43	12569	4.507	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	14847	5.344	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	12633m	5.641	ug/l	
77) Bromobenzene	12.50	156	10722	5.007	ug/l	97
78) n-propylbenzene	12.57	91	42058	4.739	ug/l	100
79) 2-Chlorotoluene	12.65	91	27187	4.870	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	29708	4.616	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	3713	4.614	ug/l	92
82) 4-Chlorotoluene	12.75	91	27372	4.816	ug/l	99
83) tert-Butylbenzene	12.97	119	25465	4.584	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	28137	4.487	ug/l	100
85) sec-Butylbenzene	13.15	105	35714	4.757	ug/l	99
86) p-Isopropyltoluene	13.27	119	28923	4.421	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	17729	4.817	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	17821	4.771	ug/l	93
89) n-Butylbenzene	13.59	91	23359	4.231	ug/l	97
90) Hexachloroethane	13.85	117	6966	5.010	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	17677	4.973	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1956	4.988	ug/l	97

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ALS Vial : 4 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VSTDICC005

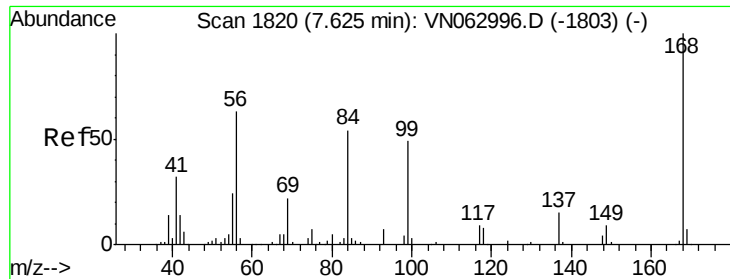
Manual Integrations
APPROVED

MMDadoda
8/19/2020 5:46:09 PM

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Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	5284	3.402	ug/l	97
94) Hexachlorobutadiene	14.99	225	6574	5.004	ug/l	98
95) Naphthalene	15.10	128	10852	3.132	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	5520	3.539	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion:168 Resp: 182691

Ion Ratio Lower Upper

168 100

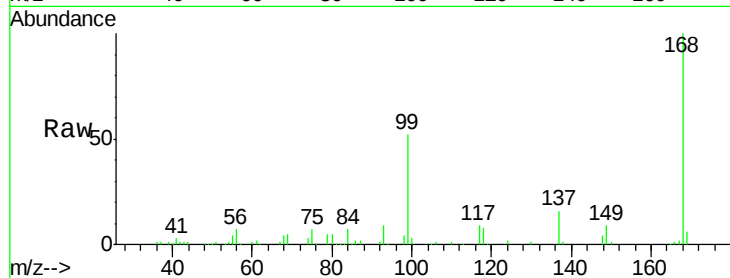
99 51.7 42.0 63.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

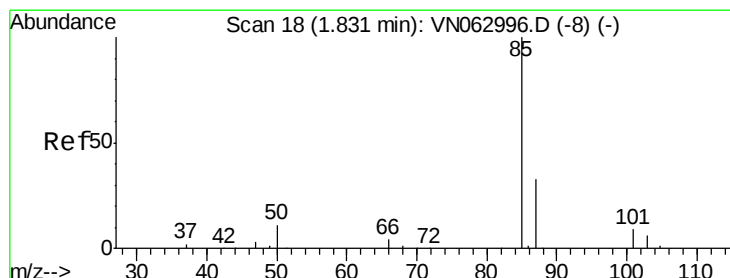
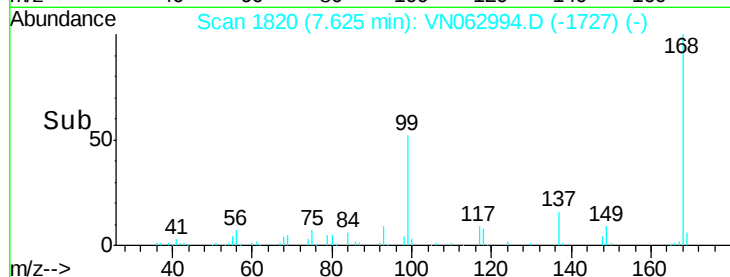
40000

20000

0

Time-->

7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 3.859 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062994.D

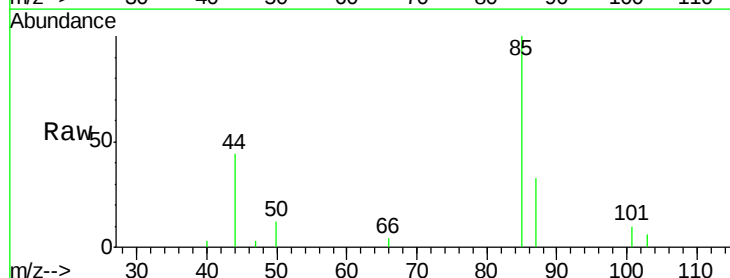
Acq: 18 Aug 2020 19:05

Tgt Ion: 85 Resp: 8347

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

6000

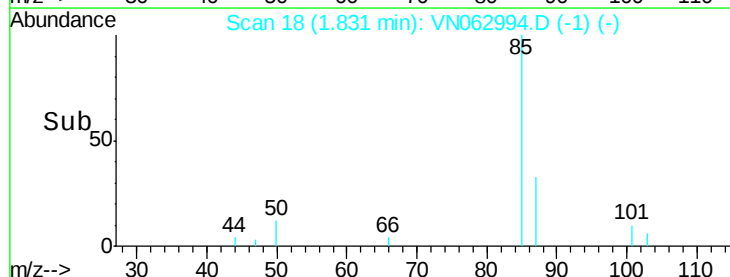
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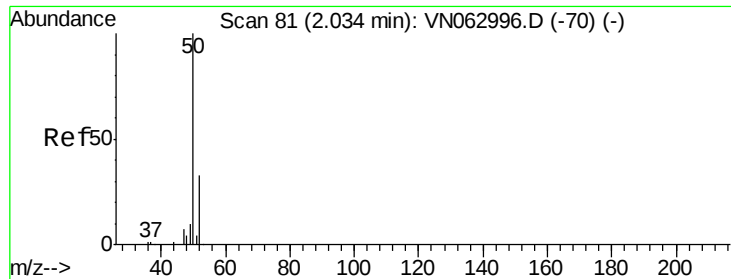
2000

0

Time-->

1.80 1.85





#3

Chloromethane

Concen: 3.959 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 9916

Ion Ratio Lower Upper

50 100

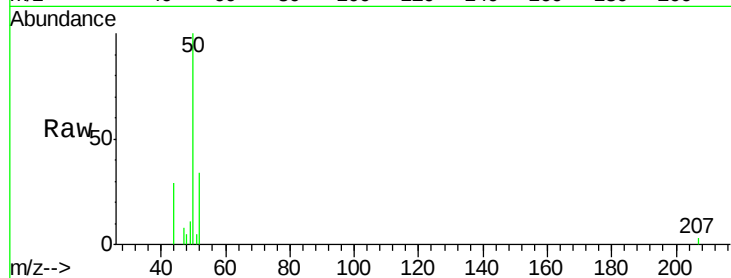
52 33.9 26.0 39.0

Manual Integrations

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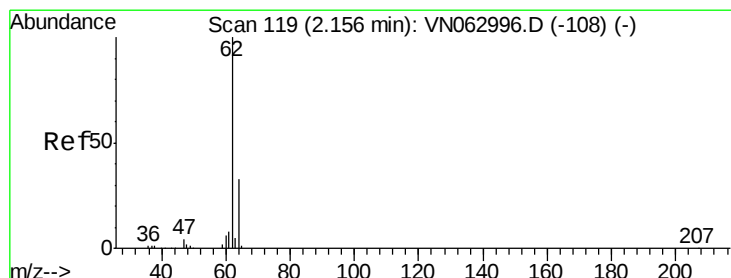
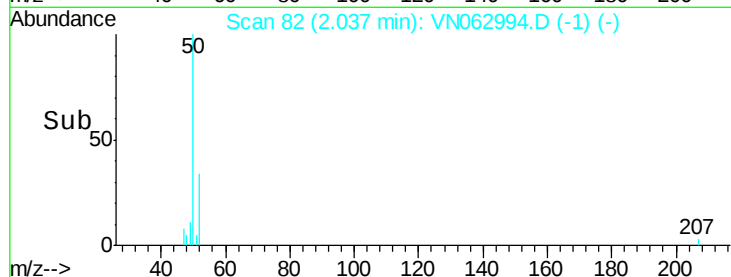
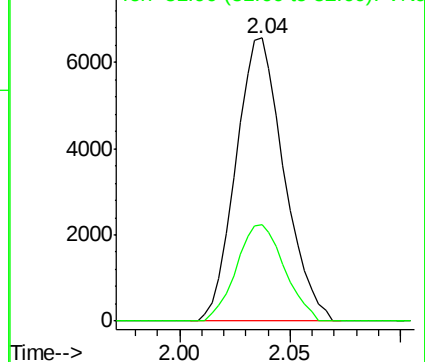
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 4.308 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062994.D

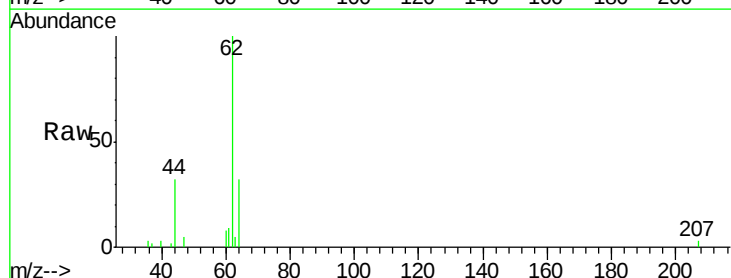
Acq: 18 Aug 2020 19:05

Tgt Ion: 62 Resp: 10437

Ion Ratio Lower Upper

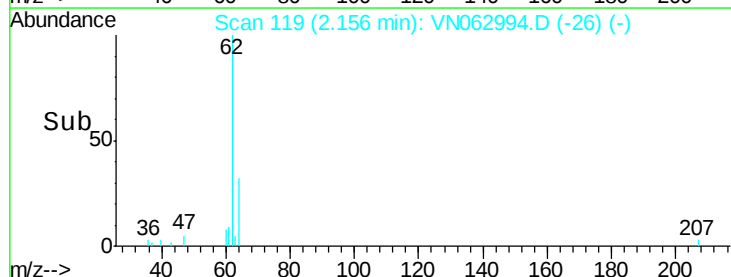
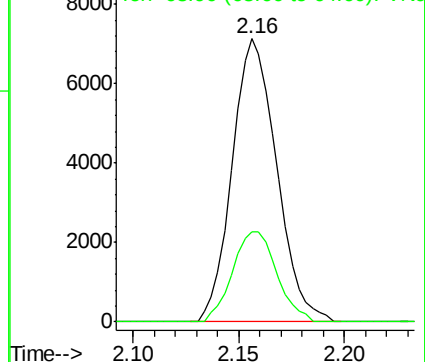
62 100

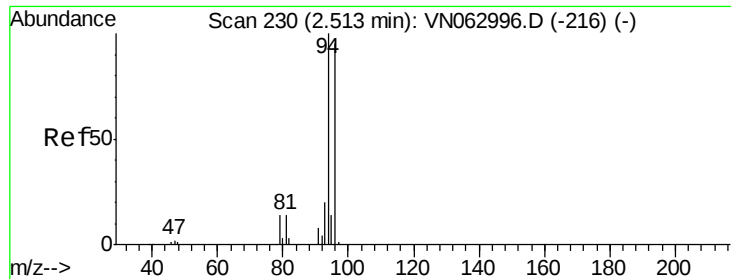
64 32.0 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 4.426 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 94 Resp: 6364

Ion Ratio Lower Upper

94 100

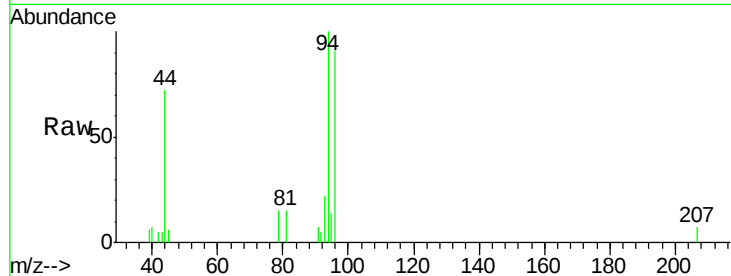
96 91.0 75.8 113.8

Manual Integrations

APPROVED

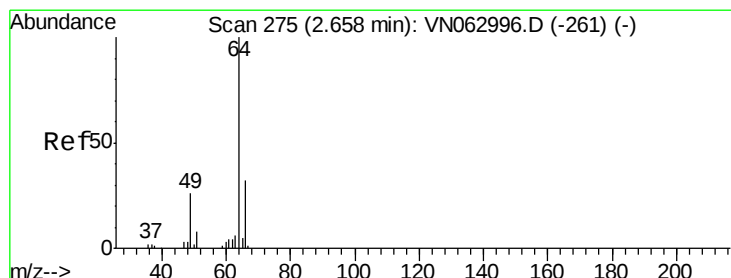
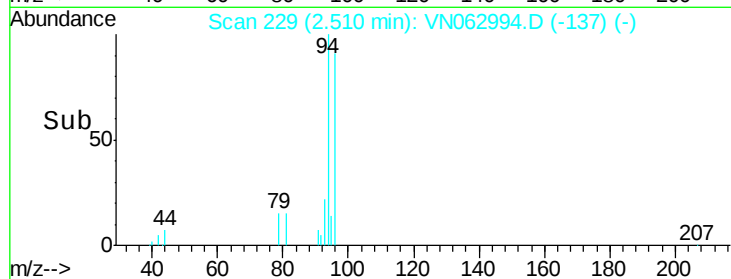
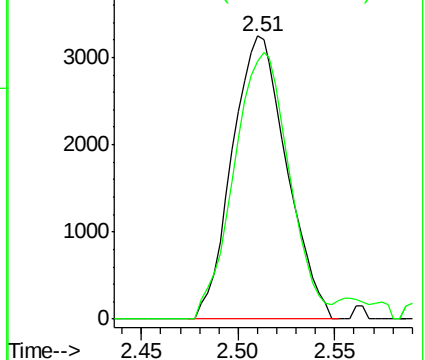
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 4.416 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.00 min

Lab File: VN062994.D

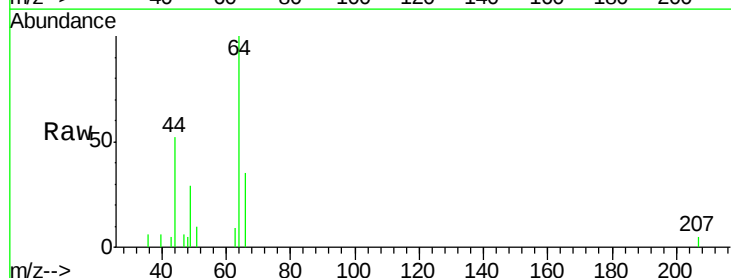
Acq: 18 Aug 2020 19:05

Tgt Ion: 64 Resp: 6316

Ion Ratio Lower Upper

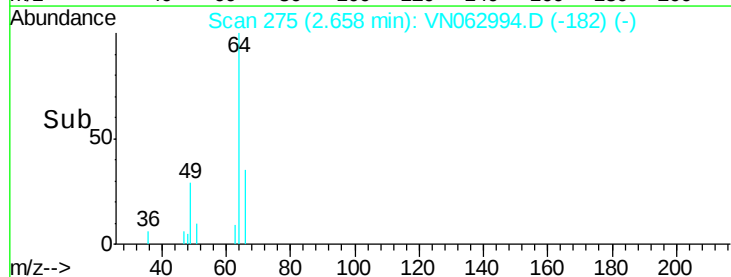
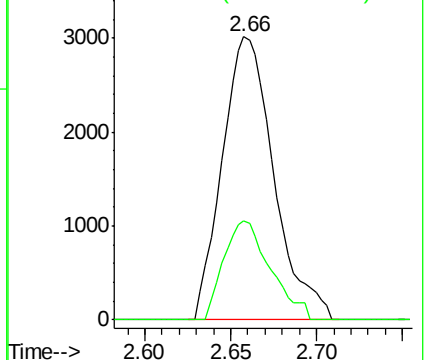
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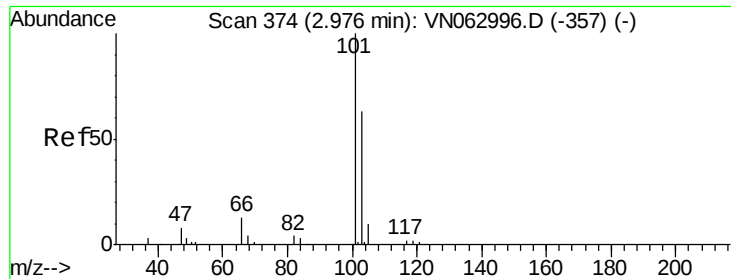
66 35.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

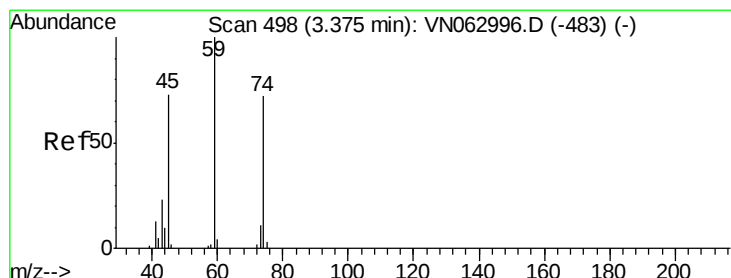
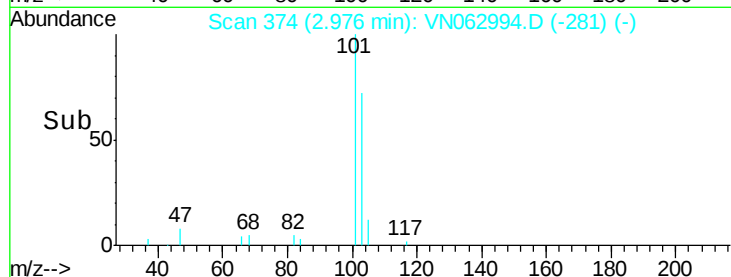
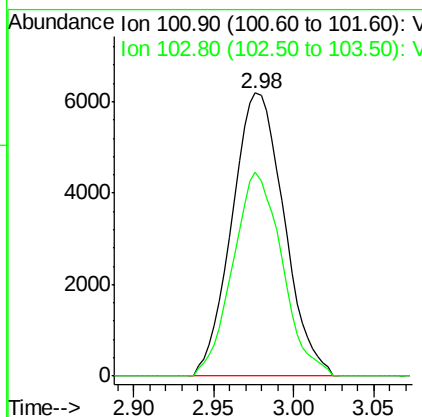
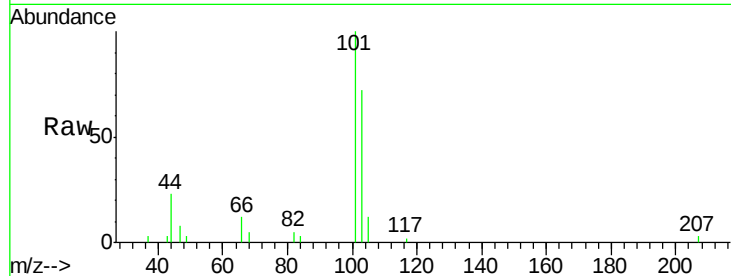
Trichlorofluoromethane
Concen: 4.563 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	71.9	50.5	75.7

Manual Integrations
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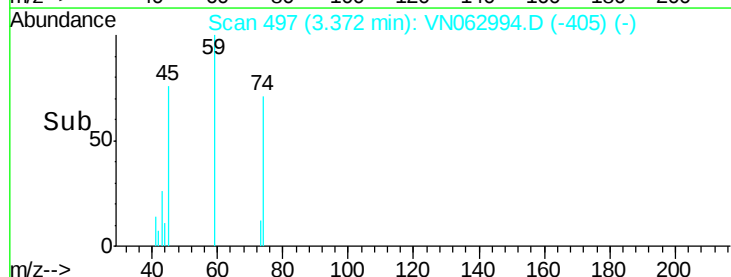
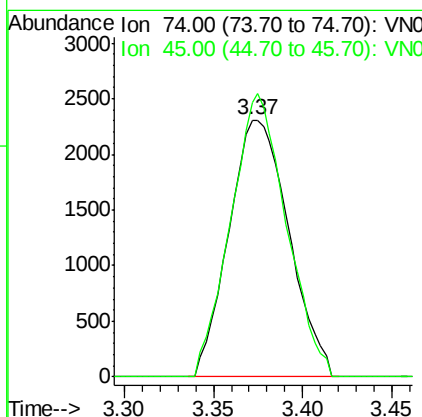
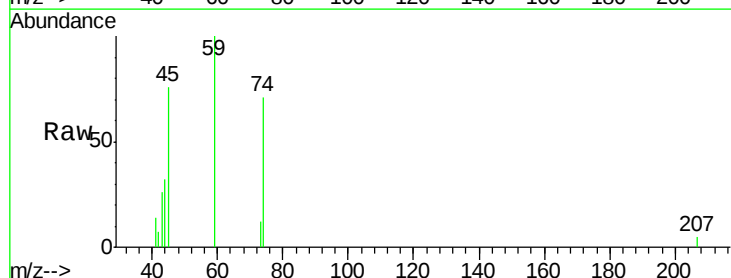
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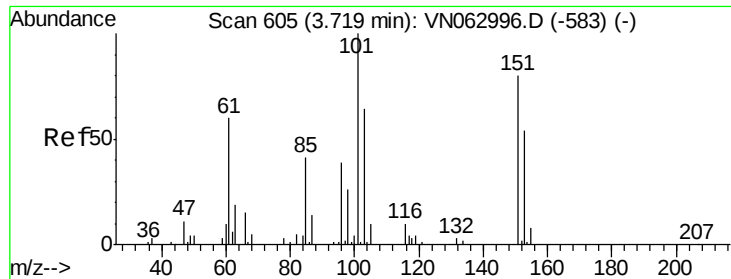


#8

Diethyl Ether
Concen: 5.059 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.9	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.548 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

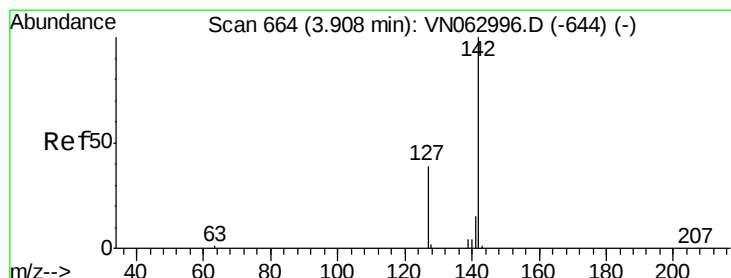
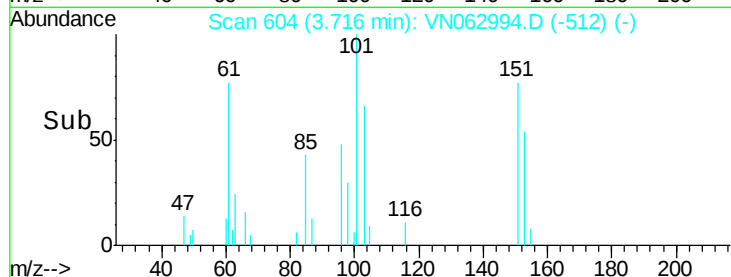
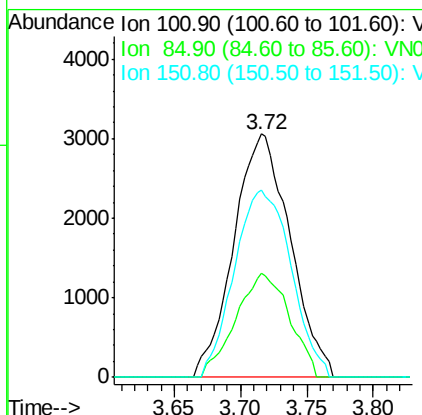
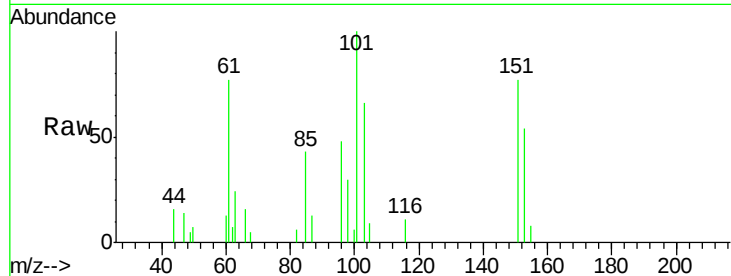
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	9032
Ion Ratio	Lower	Upper	
101	100		
85	40.6	34.0	51.0
151	77.4	65.8	98.8

Manual Integrations
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#10

Methyl Iodide

Concen: 4.372 ug/l

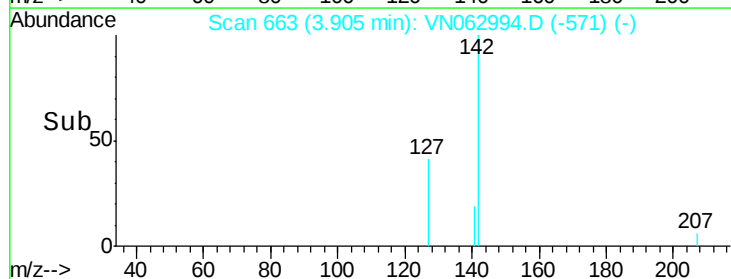
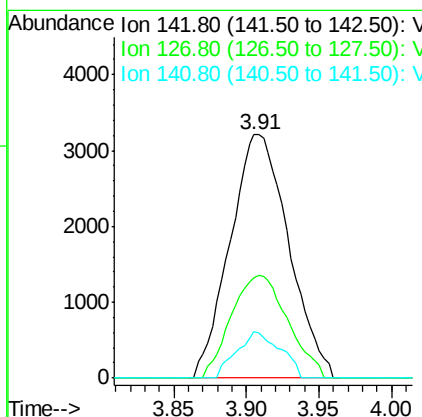
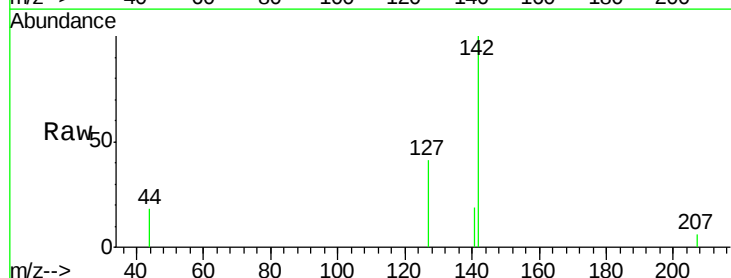
RT: 3.91 min Scan# 663

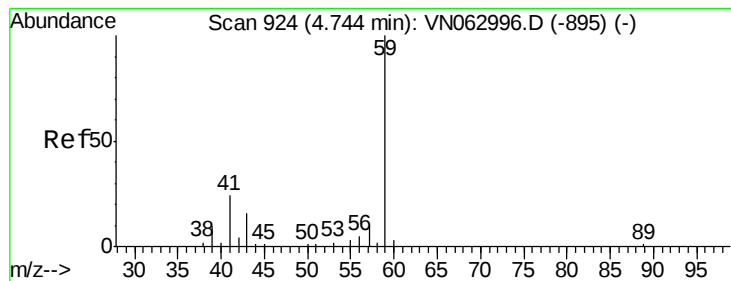
Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Tgt Ion:	142	Resp:	9021
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.2	48.4
141	14.1	11.3	16.9





#11

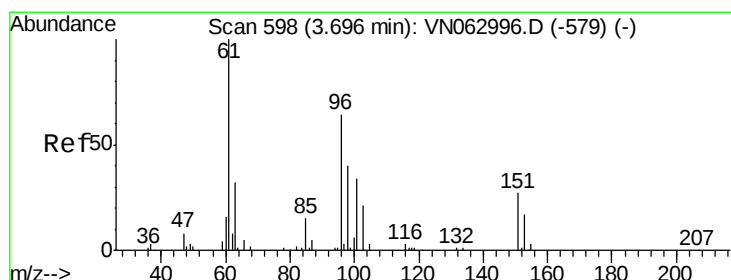
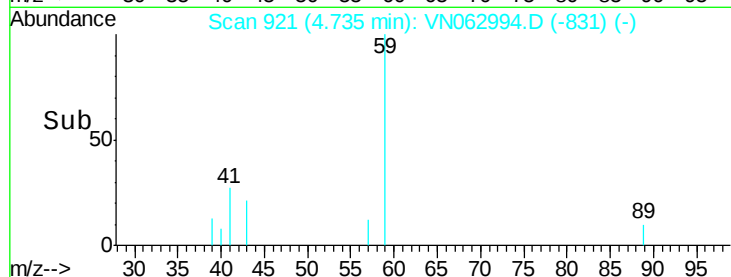
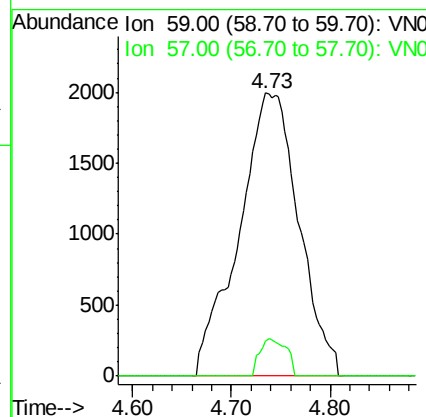
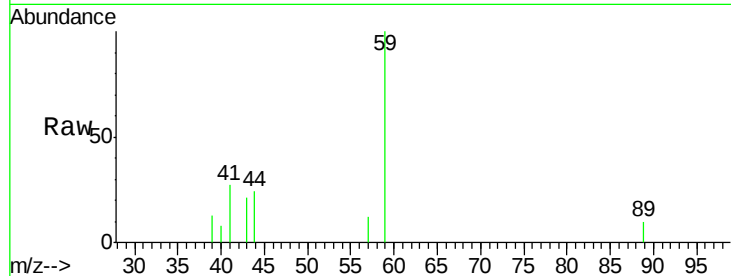
Tert butyl alcohol
Concen: 27.376 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.01 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.8	7.8	11.6#

Manual Integrations
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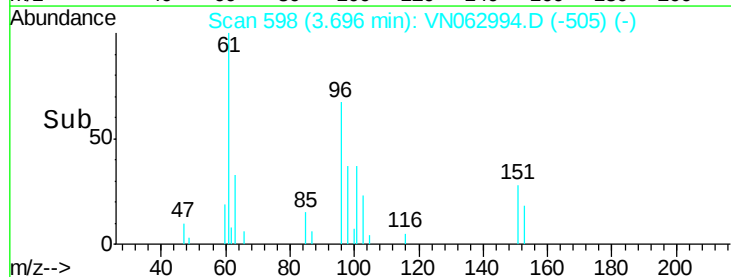
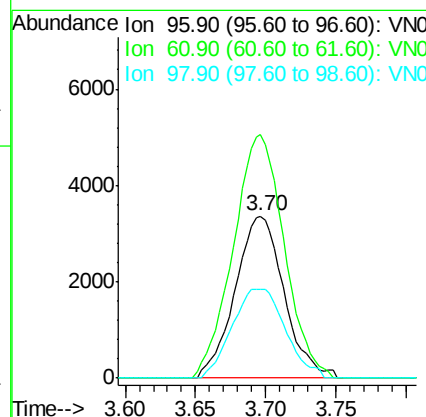
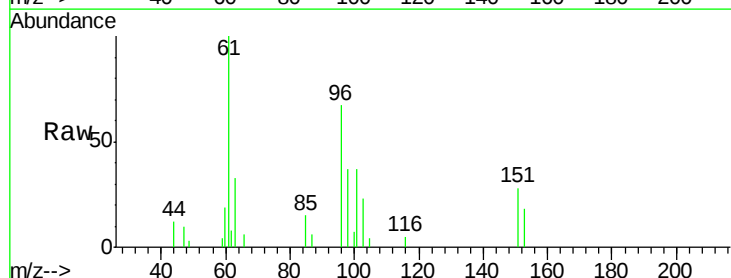
MMDadoda
8/19/2020 5:46:09 PM

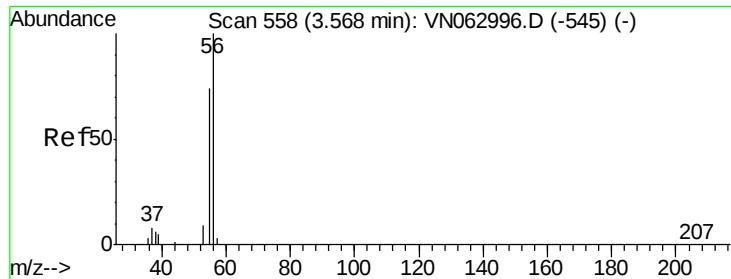


#12

1,1-Dichloroethene
Concen: 5.256 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.4	125.5	188.3
98	54.9	50.4	75.6





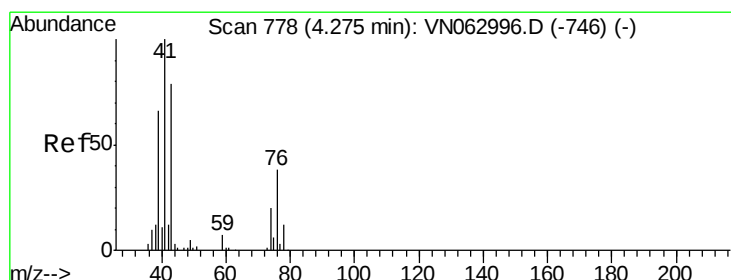
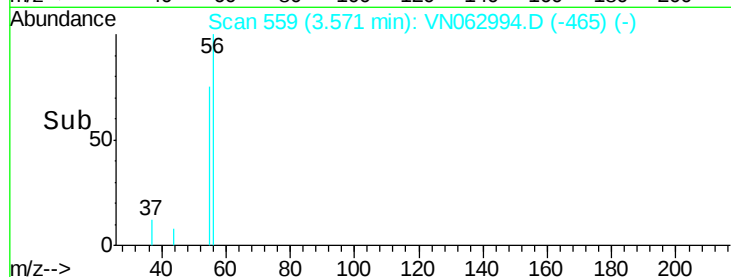
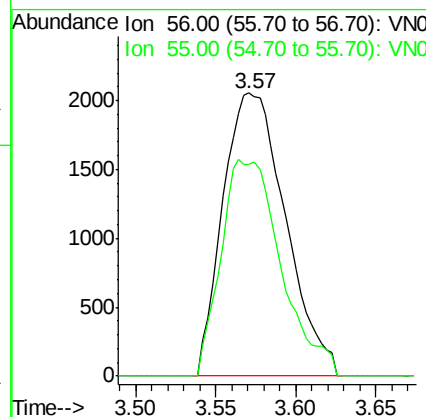
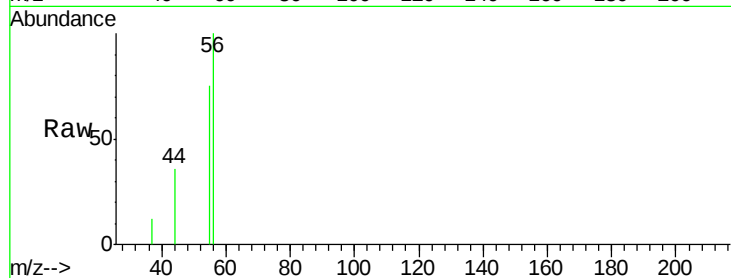
#13
Acrolein
Concen: 57.359 ug/l
RT: 3.57 min Scan# 559
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.1	58.4	87.6

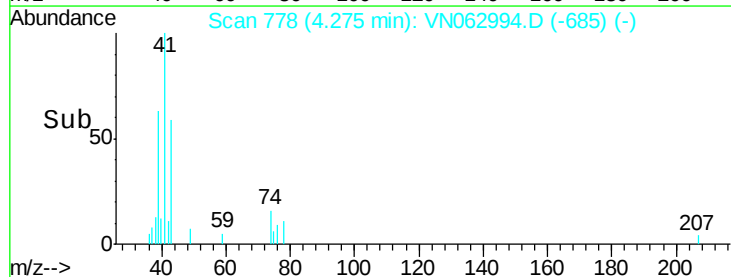
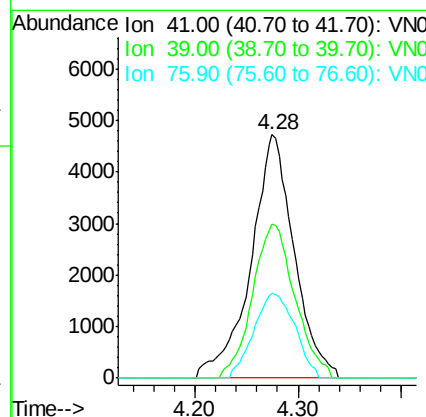
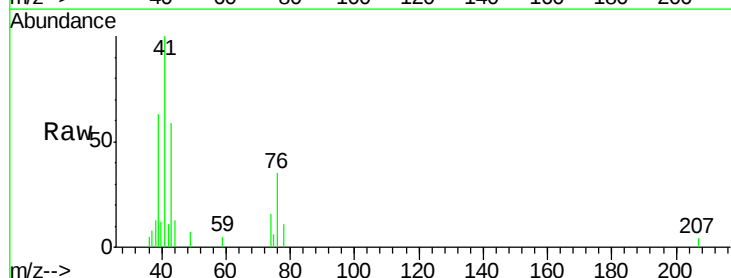
Manual Integrations
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#14
Allyl chloride
Concen: 5.021 ug/l
RT: 4.28 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.1	47.9	71.9
76	33.0	27.0	40.6





#15

Acrylonitrile

Concen: 24.805 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.01 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

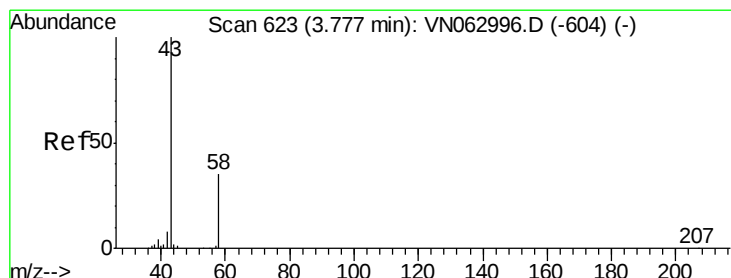
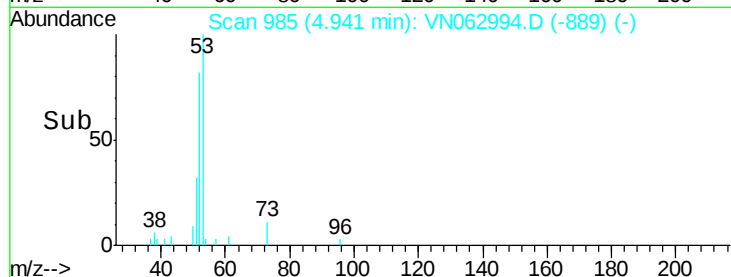
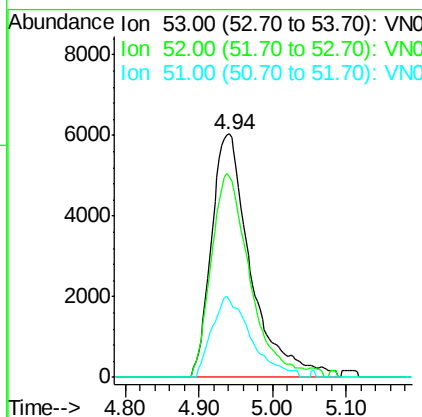
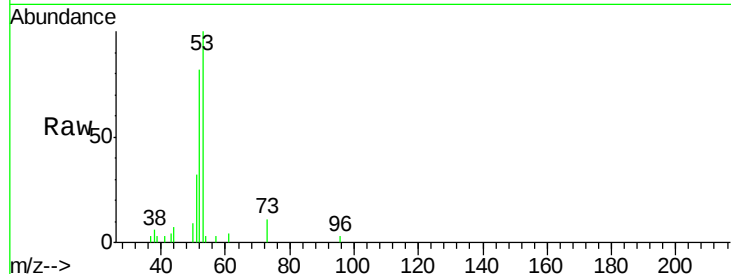
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	22360
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.6	98.4
51	33.0	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 25.720 ug/l

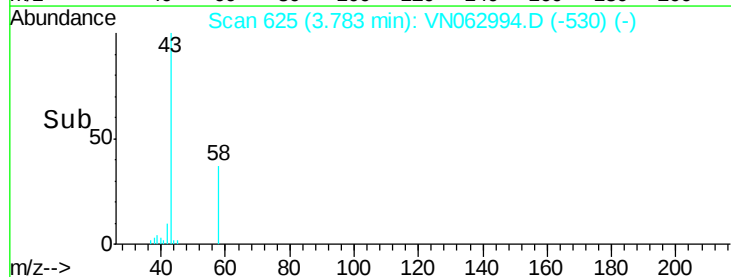
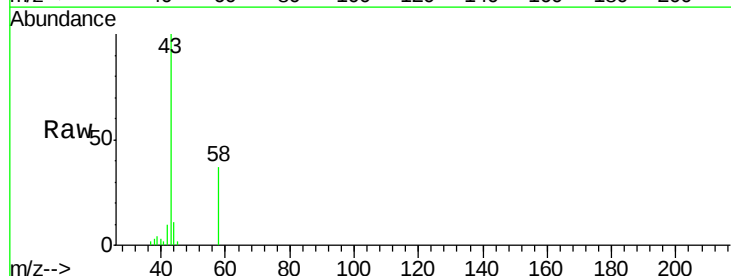
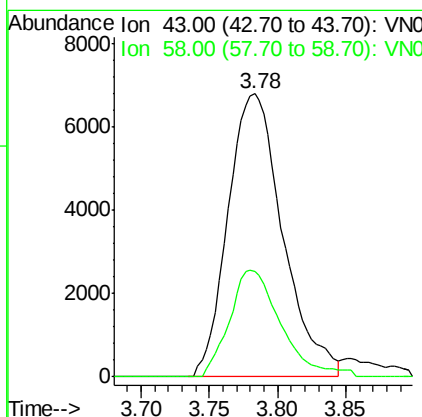
RT: 3.78 min Scan# 625

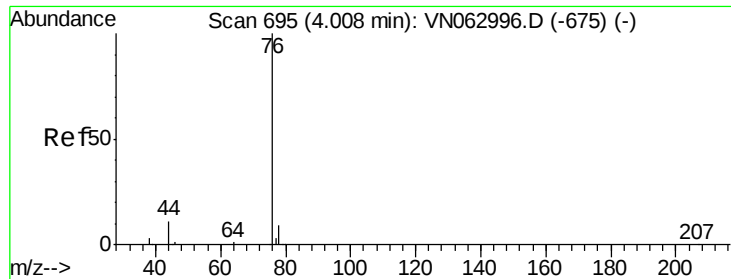
Delta R.T. 0.01 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Tgt Ion:	43	Resp:	18964
Ion	Ratio	Lower	Upper
43	100		
58	37.4	27.8	41.6





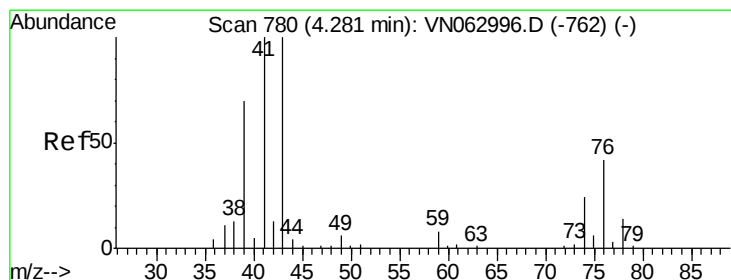
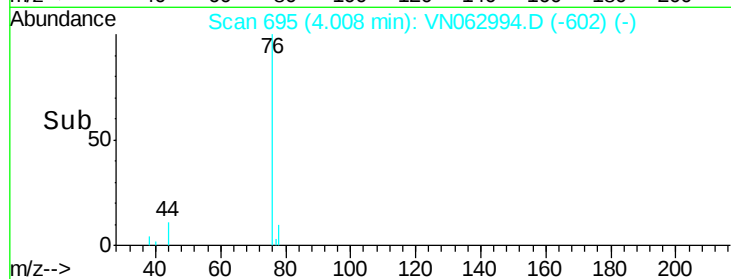
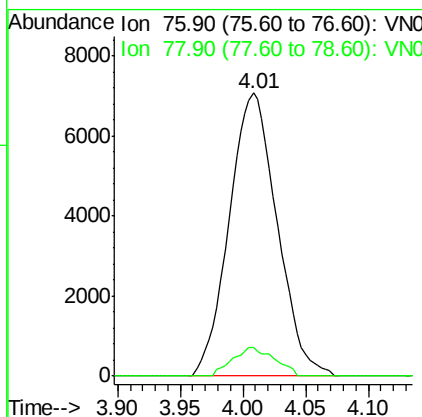
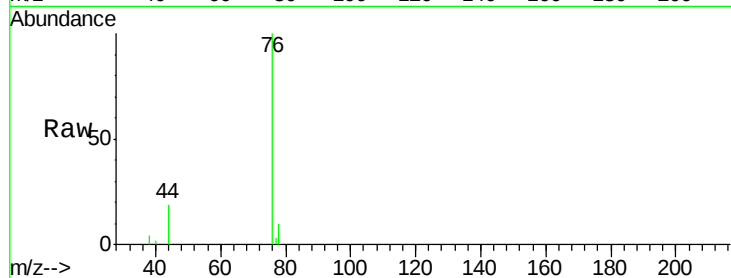
#17
Carbon Disulfide
Concen: 4.624 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	6.9	10.3

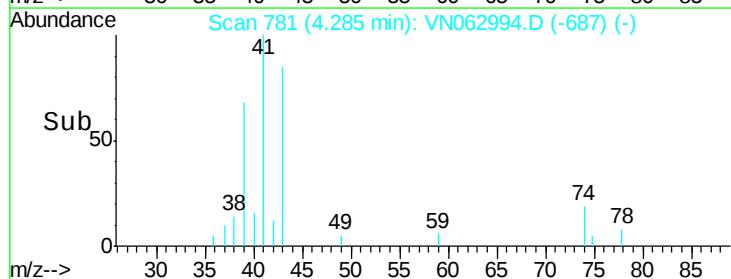
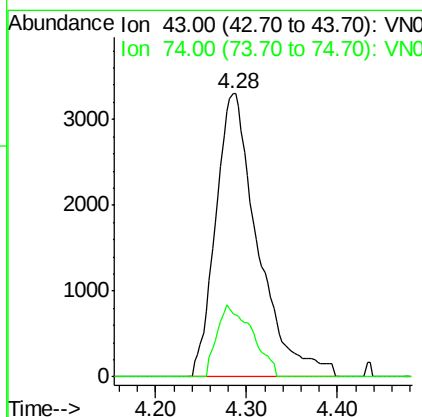
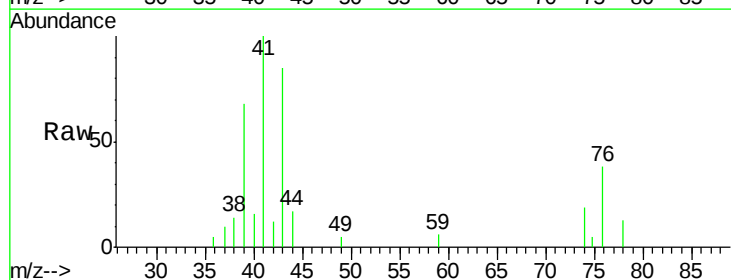
Manual Integrations
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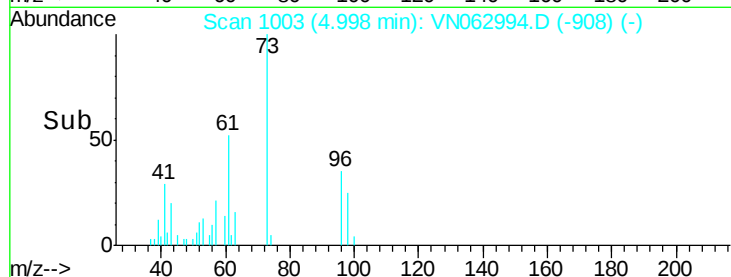
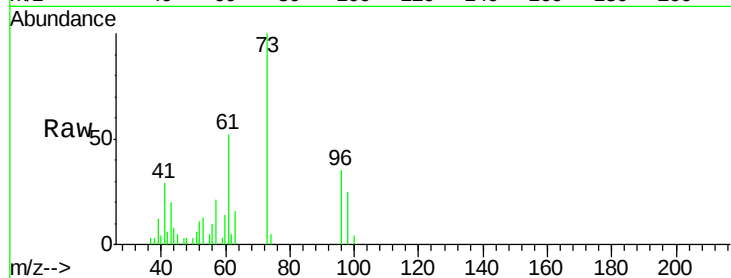
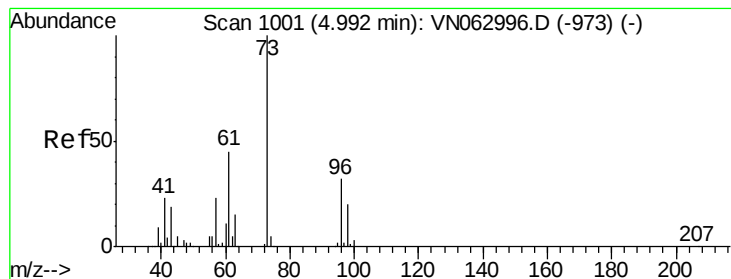
MMDadoda
8/19/2020 5:46:09 PM



#18
Methyl Acetate
Concen: 4.959 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	18.6	28.0





#19

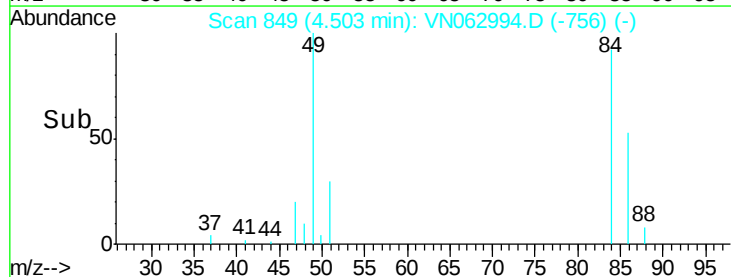
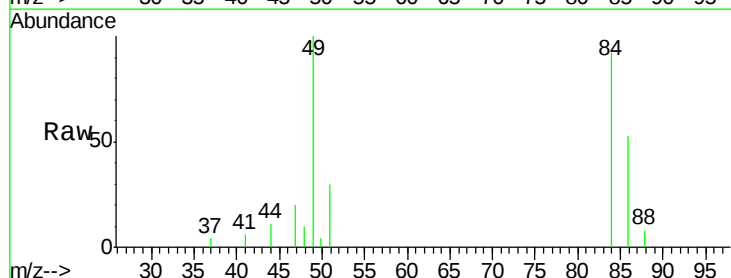
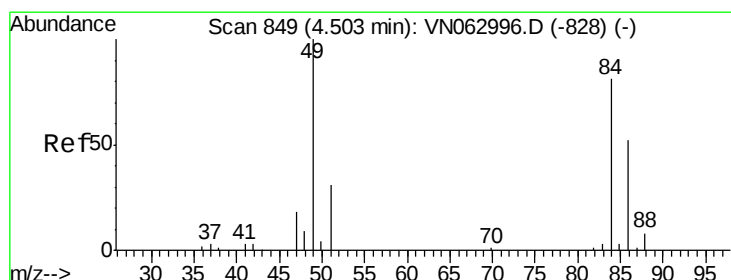
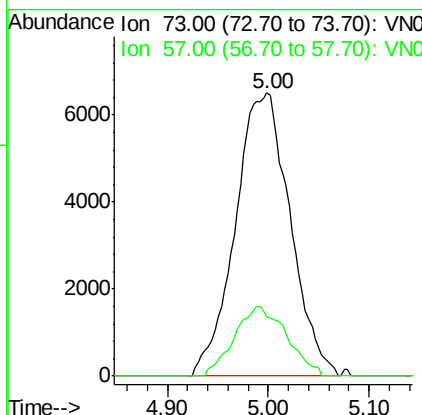
Methyl tert-butyl Ether
Concen: 4.543 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tot Ion: 73 Resp: 24569
Ion Ratio Lower Upper
73 100
57 21.0 18.1 27.1

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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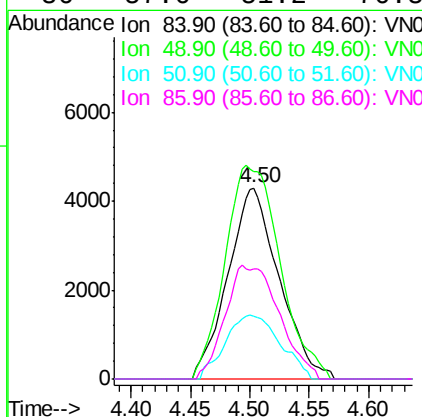
MMDadoda
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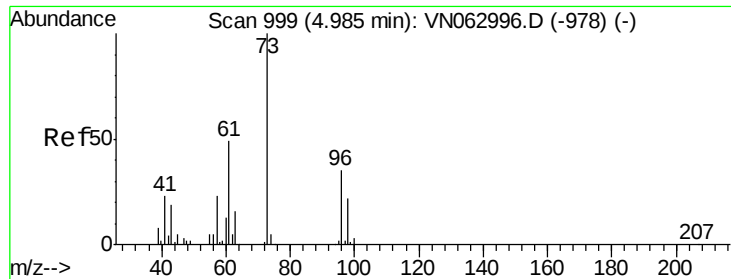


#20

Methylene Chloride
Concen: 5.258 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 84 Resp: 12783
Ion Ratio Lower Upper
84 100
49 108.8 98.7 148.1
51 33.0 30.8 46.2
86 57.6 51.2 76.8





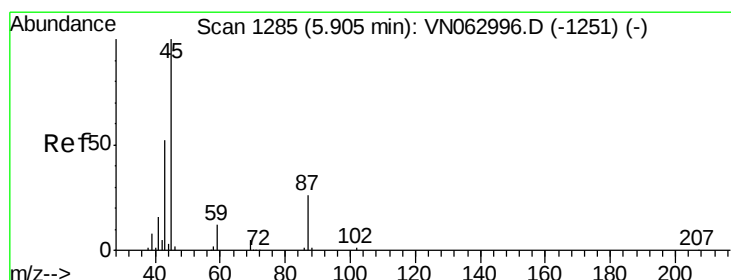
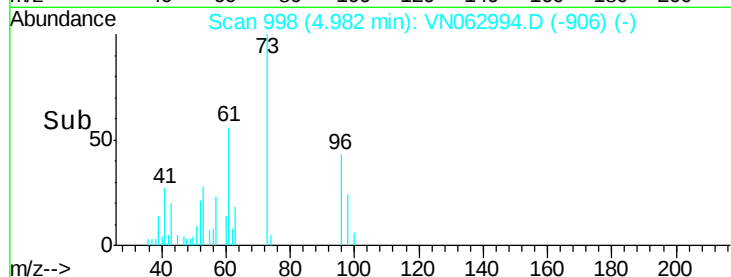
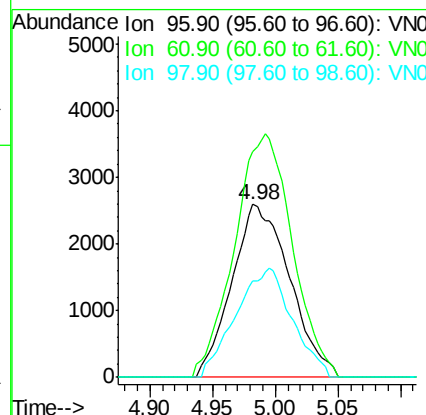
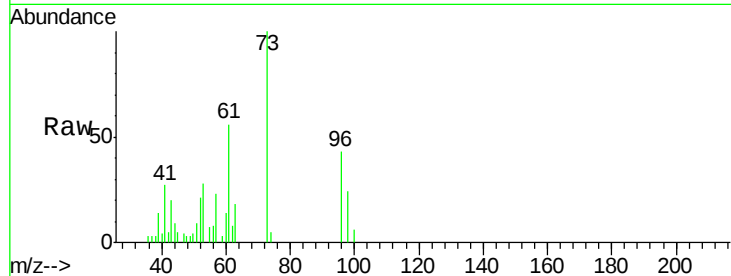
#21
trans-1,2-Dichloroethene
Concen: 5.122 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.4	112.5	168.7
98	55.8	49.4	74.0

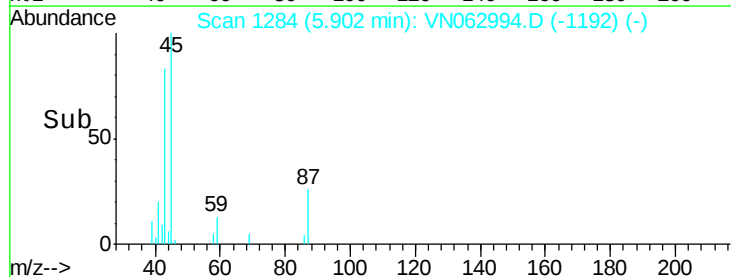
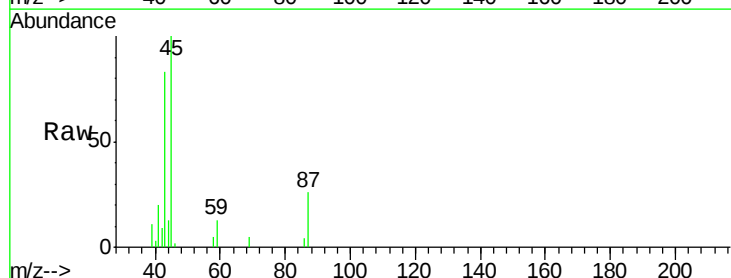
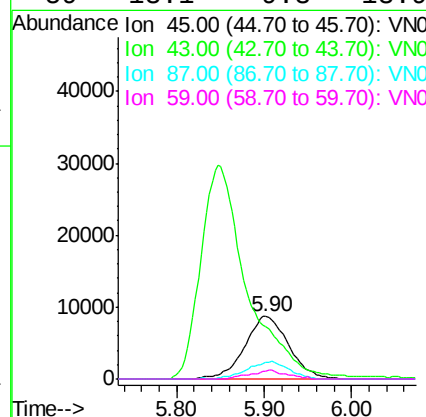
Manual Integrations
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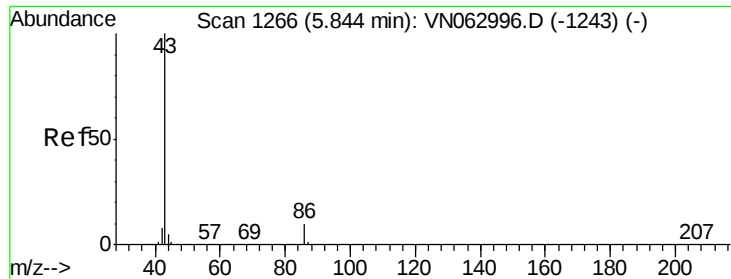
MMDadoda
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#22
Diisopropyl ether
Concen: 4.870 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	77.4	45.7	68.5#
87	25.9	21.8	32.6
59	13.1	9.3	13.9





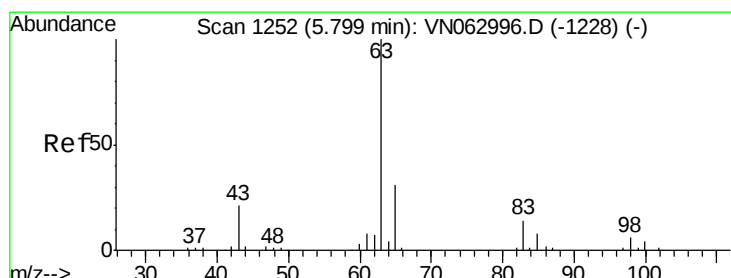
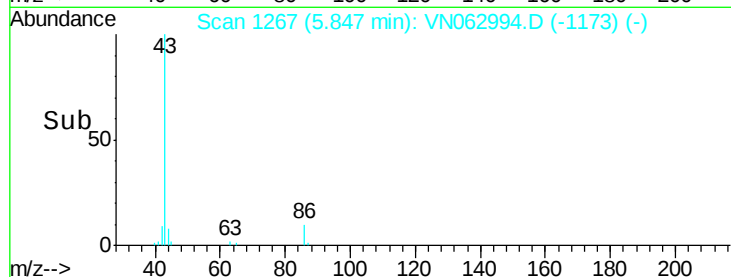
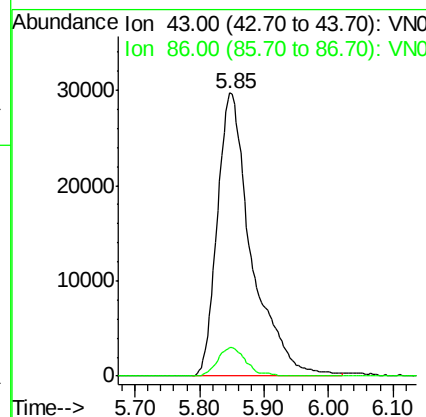
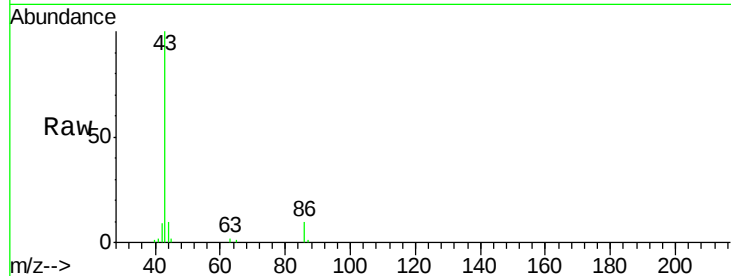
#23
 Vinyl Acetate
 Concen: 26.187 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.0	12.0

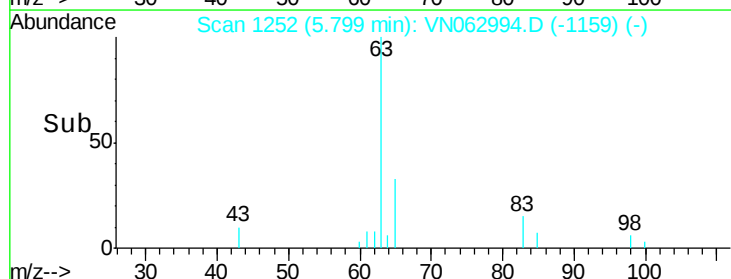
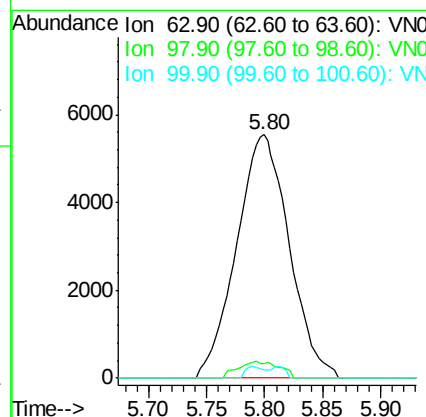
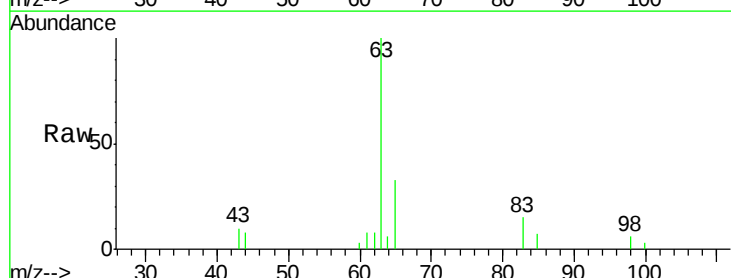
Manual Integrations
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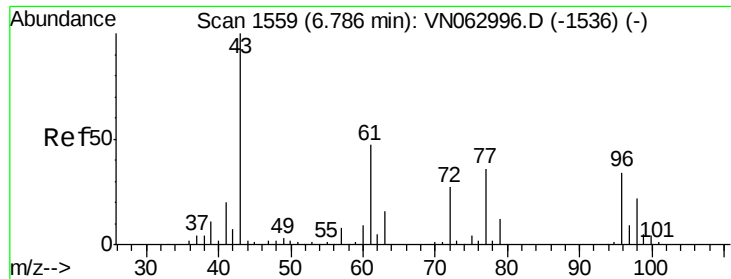
MMDadoda
 8/19/2020 5:46:09 PM



#24
 1,1-Dichloroethane
 Concen: 5.045 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.9	8.7
100	3.1	2.0	5.8





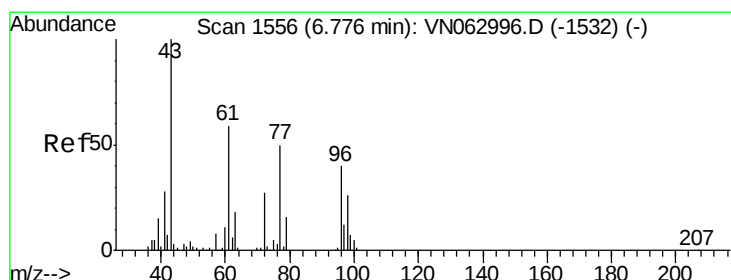
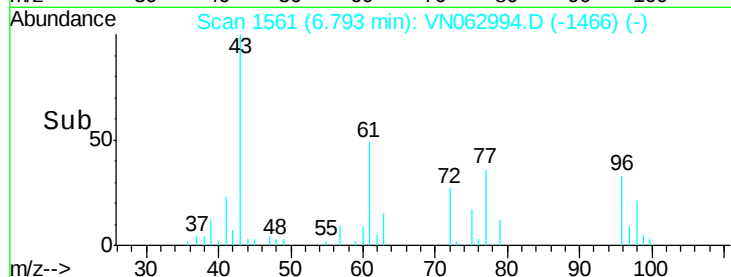
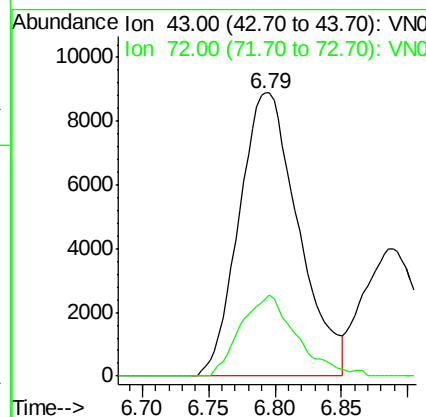
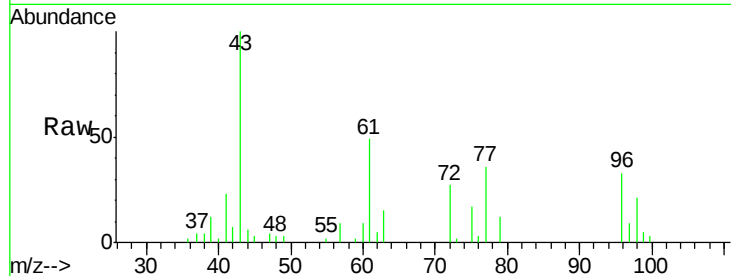
#25
2-Butanone
Concen: 24.034 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 27628
Ion Ratio Lower Upper
43 100
72 27.5 21.8 32.6

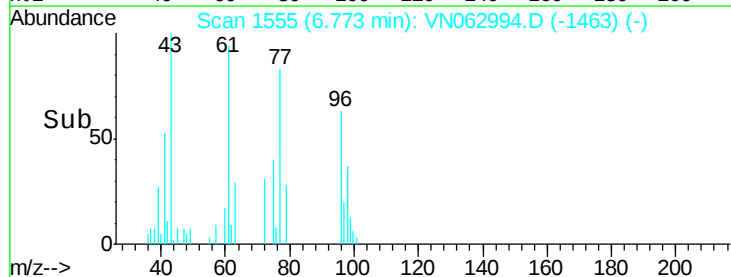
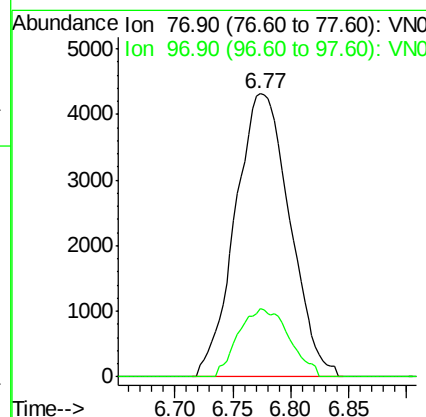
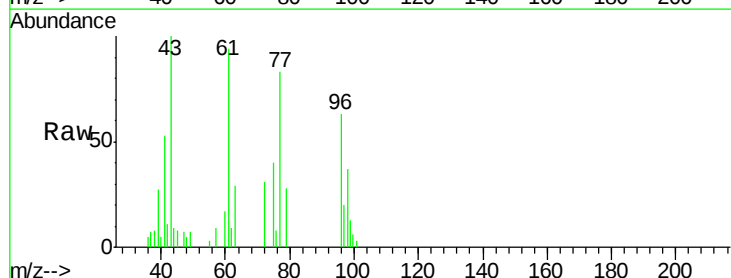
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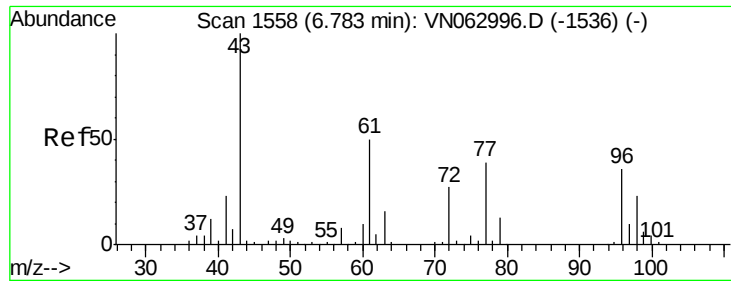
MMDadoda
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#26
2,2-Dichloropropane
Concen: 5.173 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 77 Resp: 14107
Ion Ratio Lower Upper
77 100
97 22.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 5.093 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

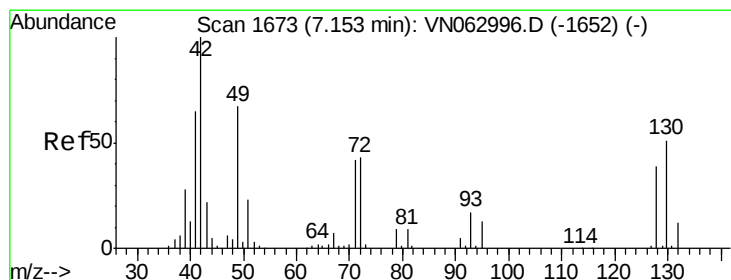
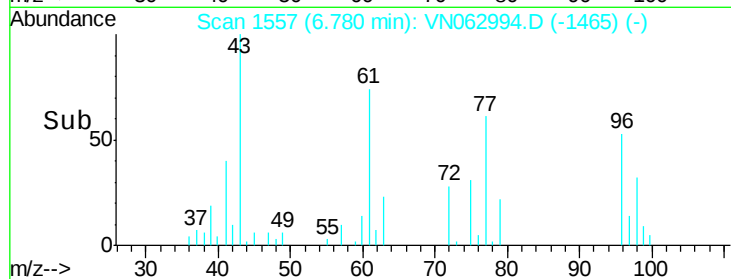
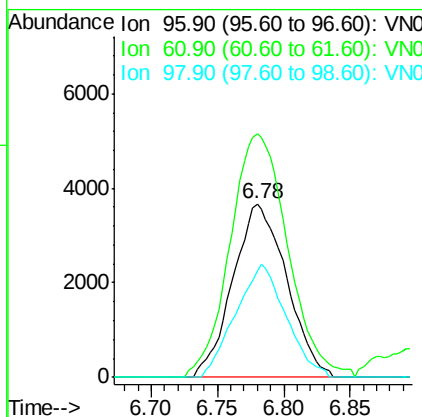
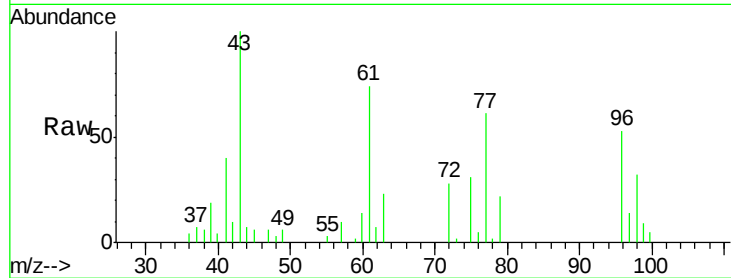
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	10360
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	292.8
98	61.1	0.0	130.6

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#28

Bromochloromethane

Concen: 5.066 ug/l

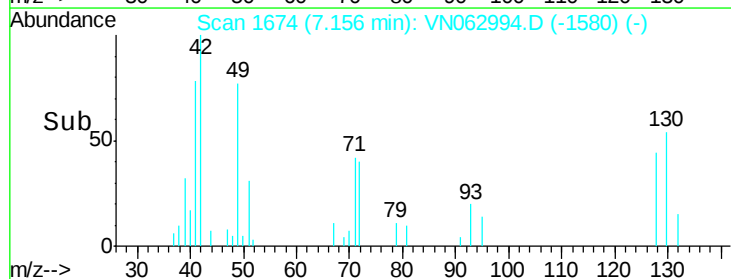
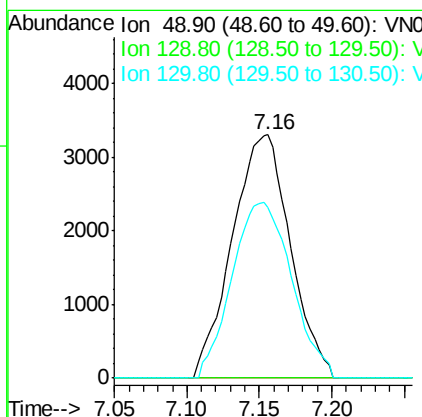
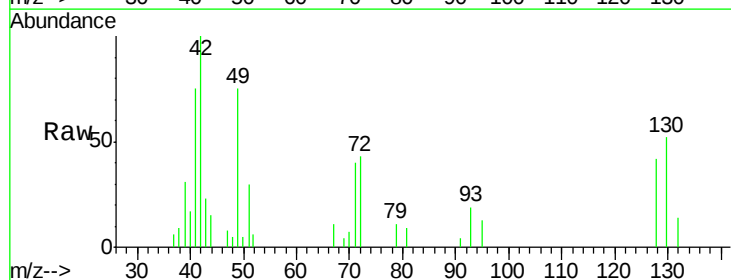
RT: 7.16 min Scan# 1674

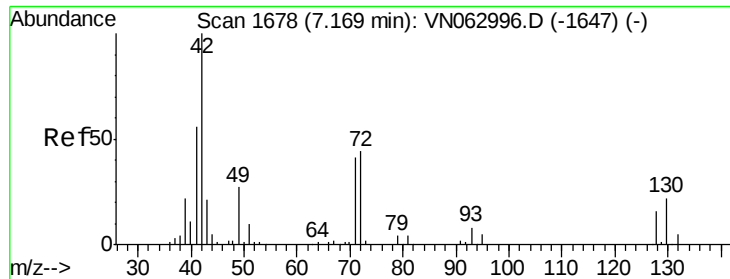
Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Tgt Ion:	49	Resp:	9191
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	74.0	61.1	91.7





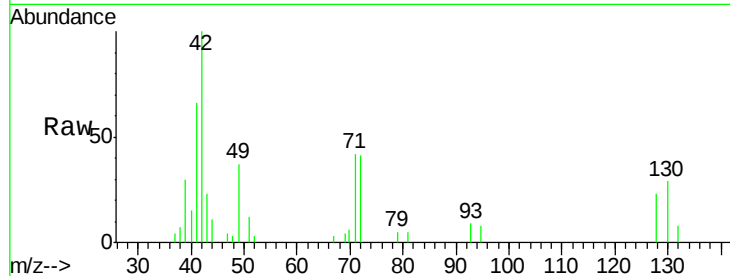
#29
Tetrahydrofuran
Concen: 23.402 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

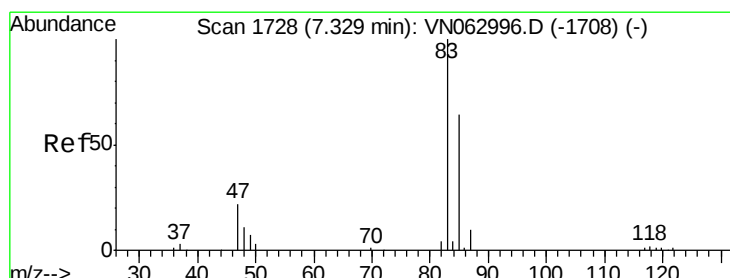
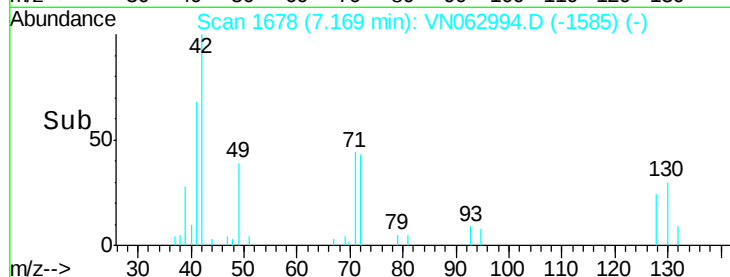
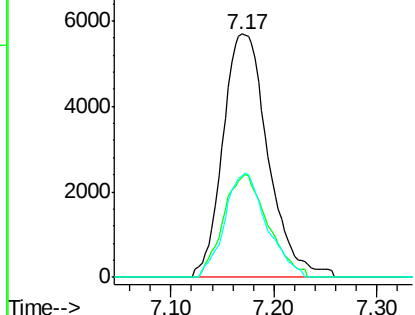
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	34.6	52.0
71	39.6	32.3	48.5

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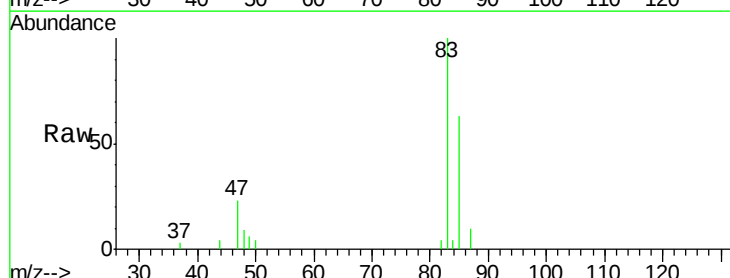


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

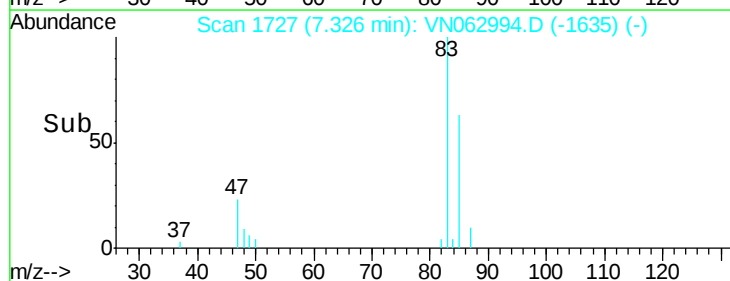
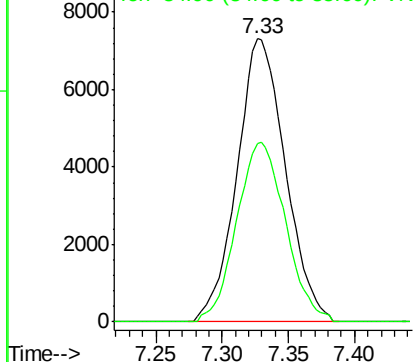


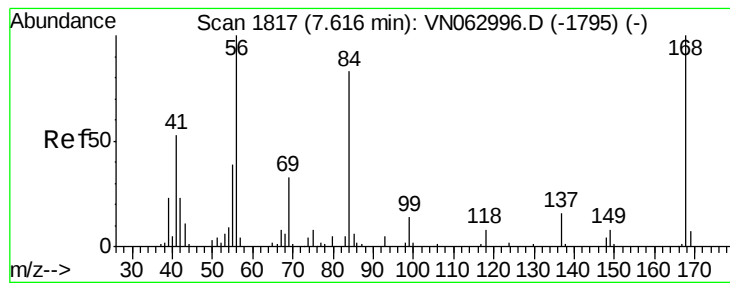
#30
Chloroform
Concen: 5.318 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.5	77.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 4.821 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 15386

Ion Ratio Lower Upper

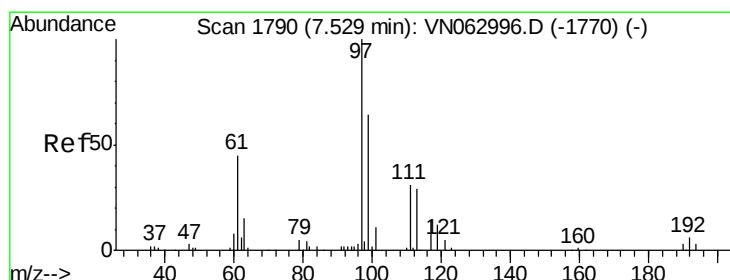
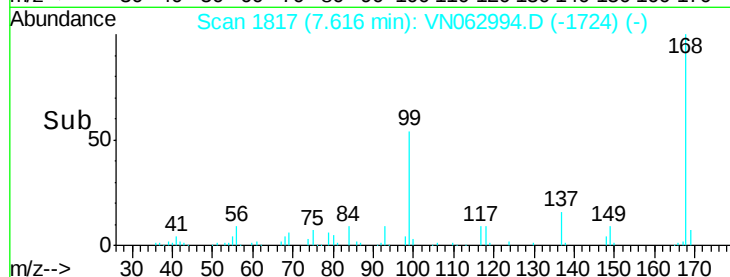
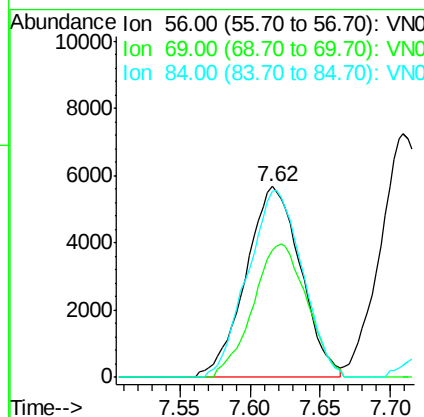
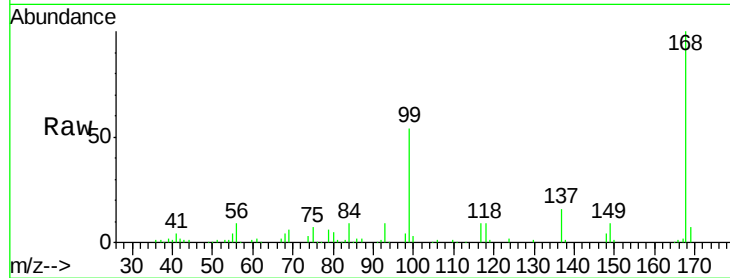
56 100

69 66.4 26.6 40.0#

84 97.8 66.4 99.6

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#32

1,1,1-Trichloroethane

Concen: 5.163 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

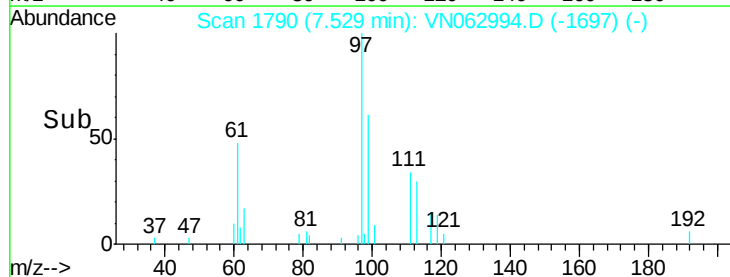
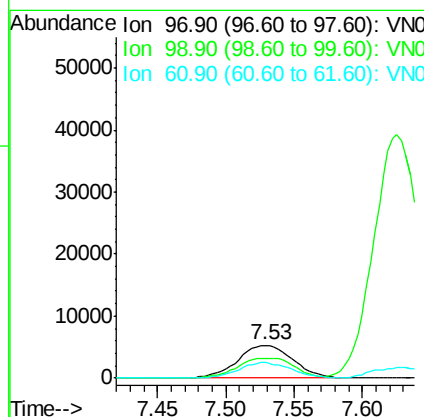
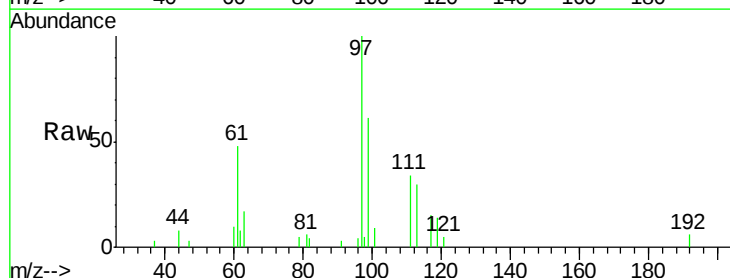
Tgt Ion: 97 Resp: 14720

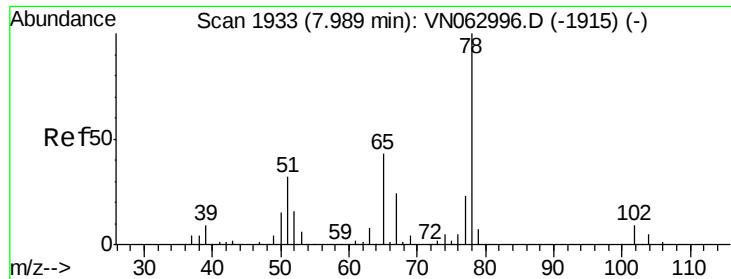
Ion Ratio Lower Upper

97 100

99 63.5 52.0 78.0

61 46.1 36.2 54.4





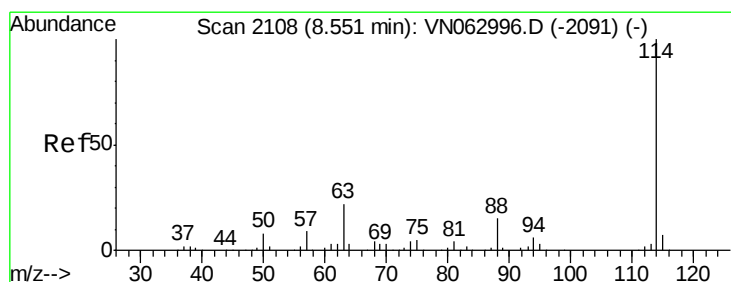
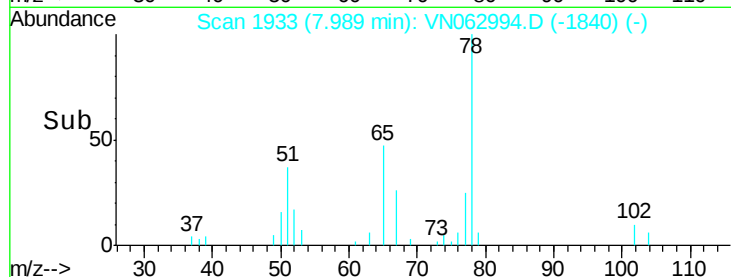
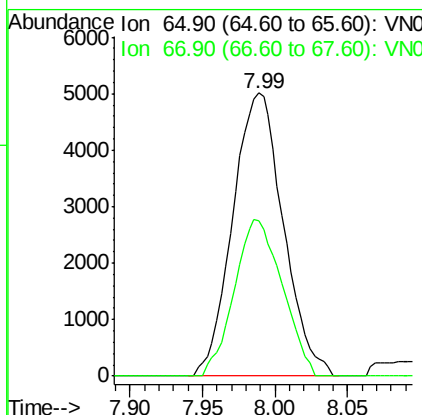
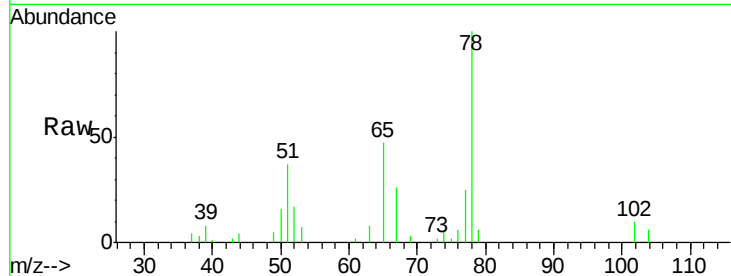
#33
 1,2-Dichloroethane-d4
 Concen: 5.610 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	12147		
67	52.3	0.0	112.0	

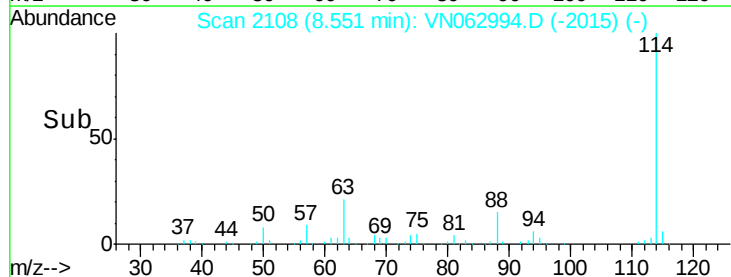
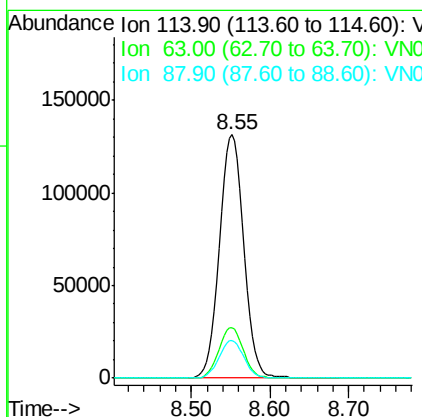
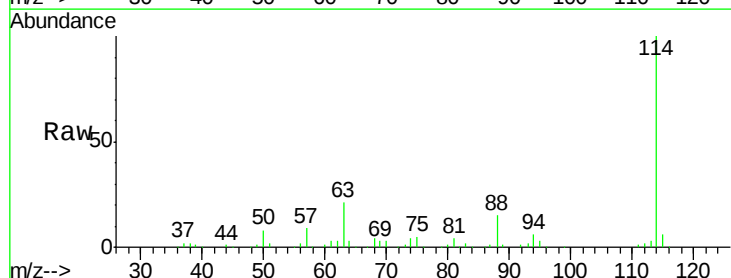
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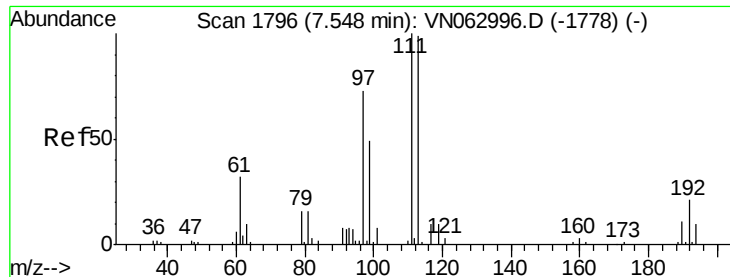
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	279591		
63	20.7	0.0	43.2	
88	15.5	0.0	30.6	





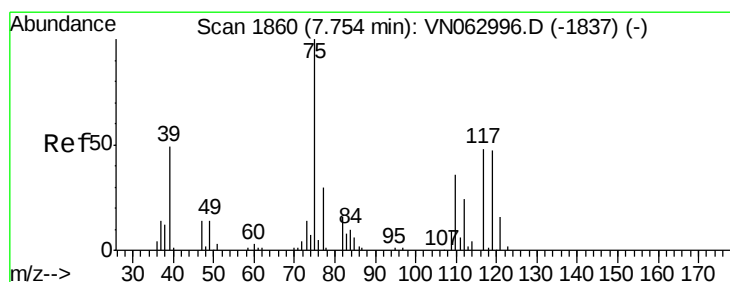
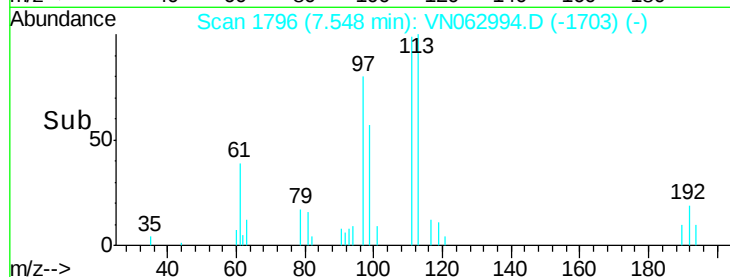
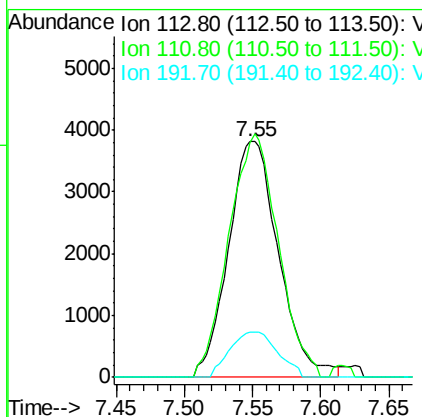
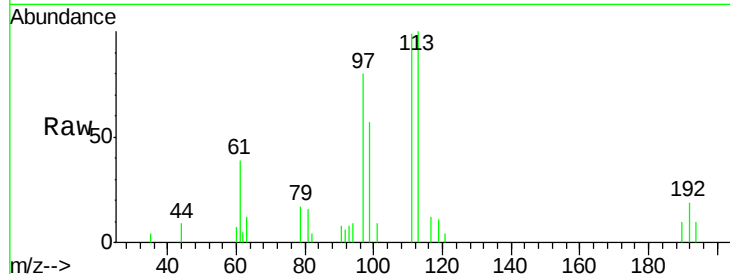
#35
 Dibromofluoromethane
 Concen: 5.348 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.7	122.5
192	18.3	17.5	26.3

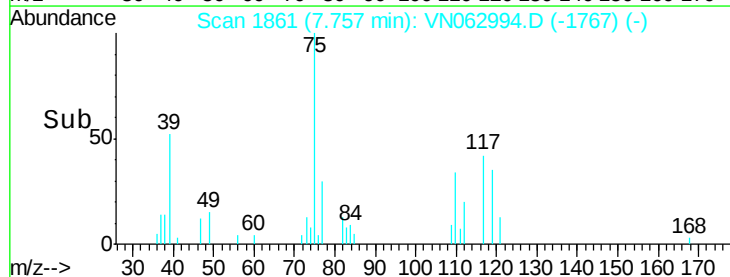
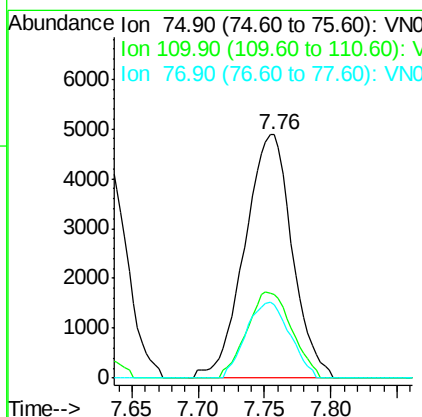
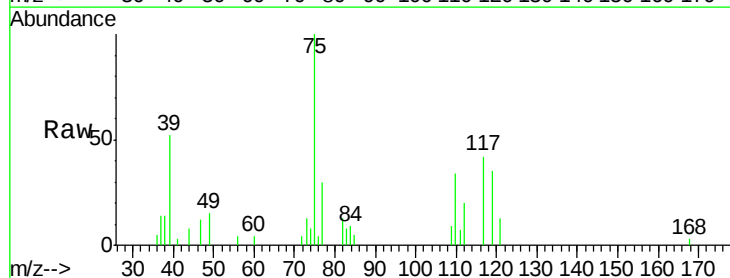
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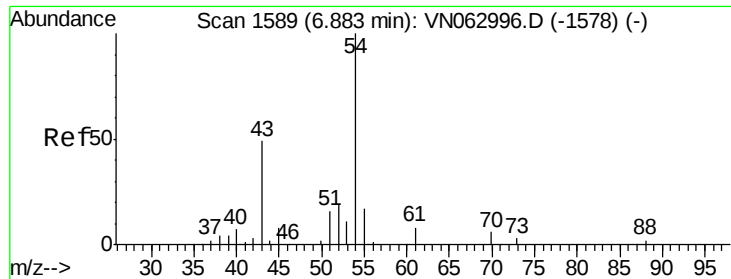
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#36
 1,1-Dichloropropene
 Concen: 4.932 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.5	17.5	52.6
77	28.8	24.2	36.4





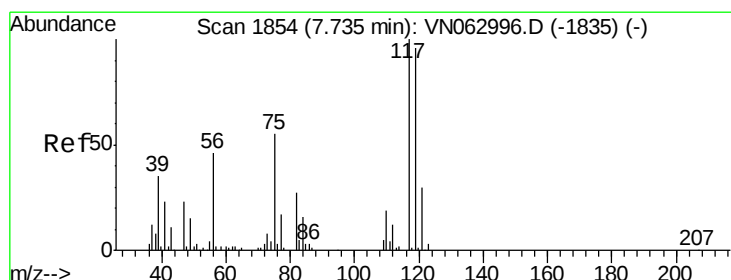
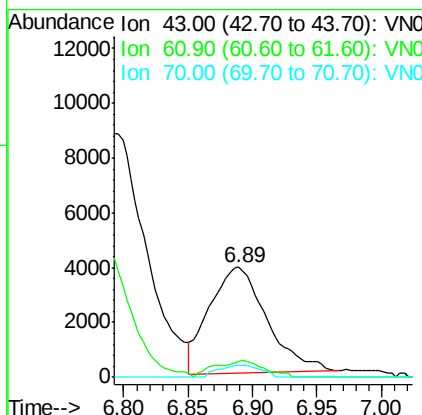
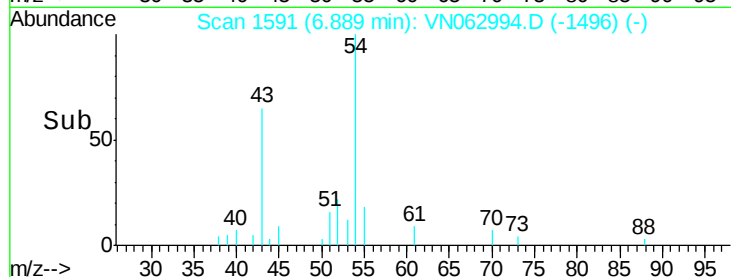
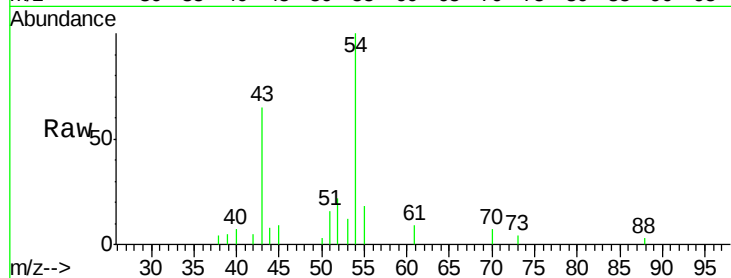
#37
Ethyl Acetate
Concen: 5.113 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. 0.01 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	43	61	70
Resp	11833	13.7	8.3
Lower		11.8	8.2
Upper		17.8	12.2

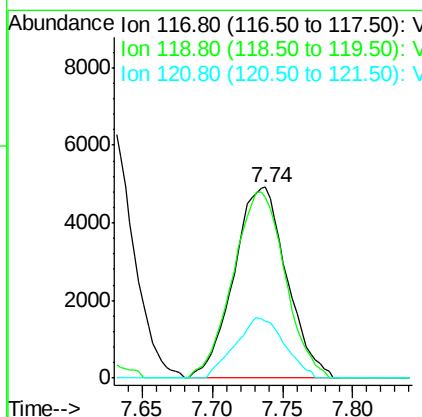
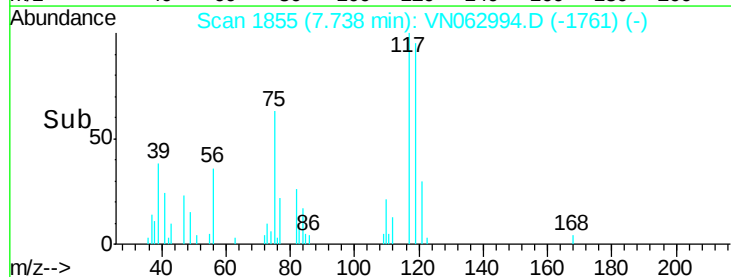
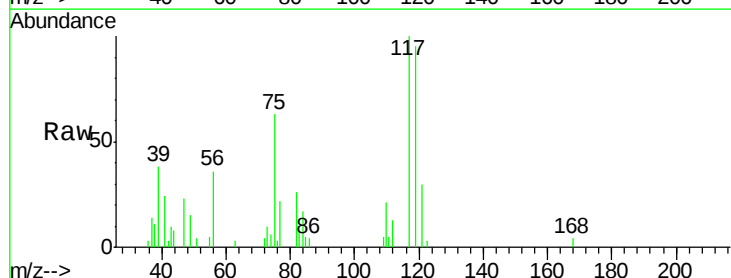
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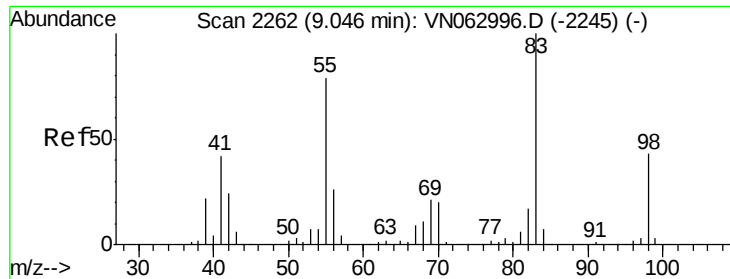
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#38
Carbon Tetrachloride
Concen: 5.179 ug/l
RT: 7.74 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	117	119	121
Resp	12882	94.9	30.0
Lower		76.2	24.2
Upper		114.4	36.2





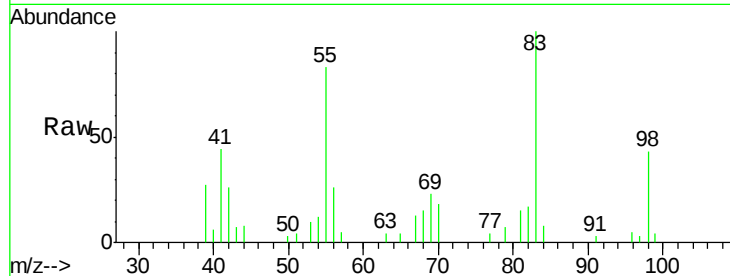
#39
Methvlcvclohexane
Concen: 4.001 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

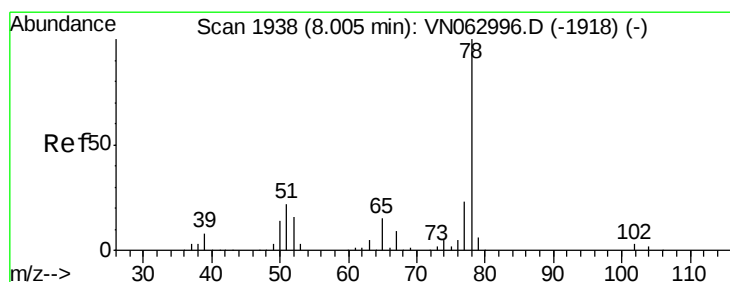
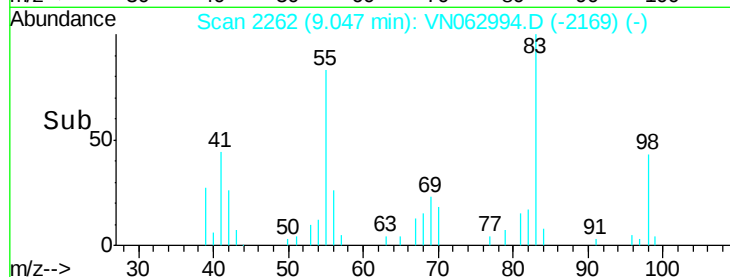
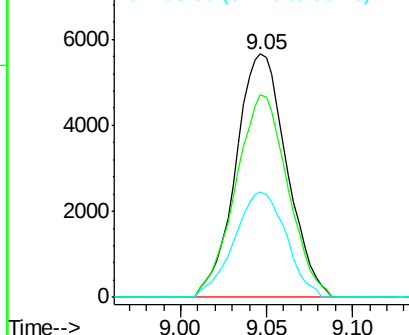
Tot Ion	Ratio	Lower	Upper
83	100		
55	83.2	63.3	94.9
98	43.4	34.2	51.4

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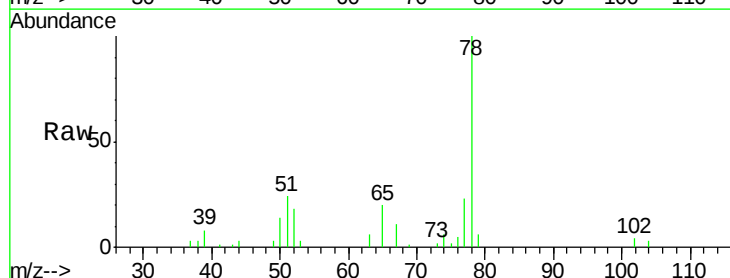


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

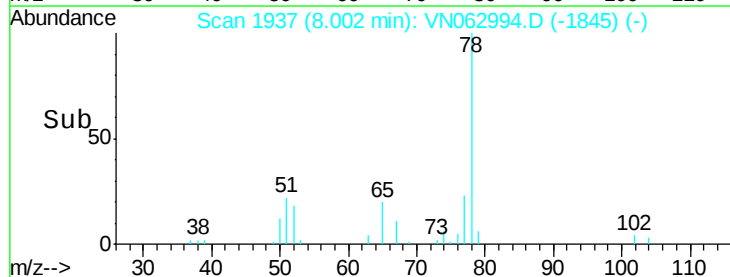
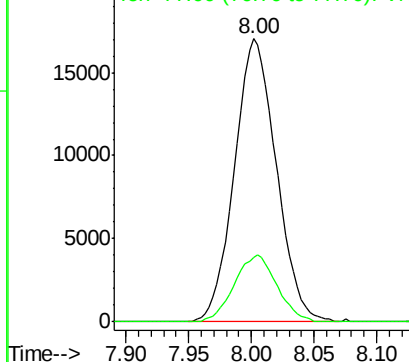


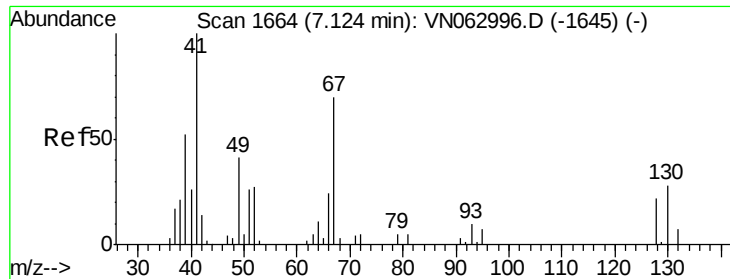
#40
Benzene
Concen: 5.052 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





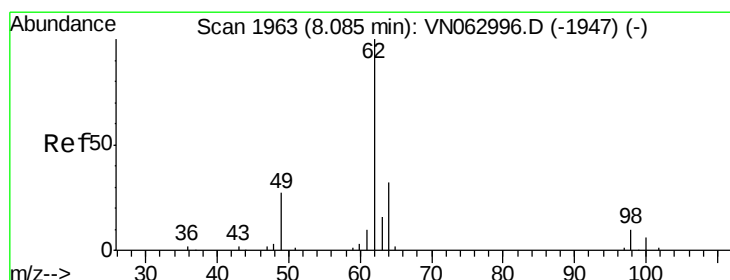
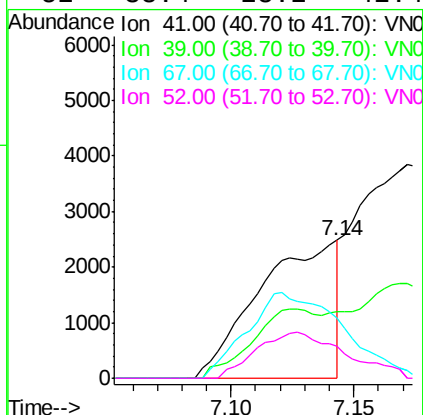
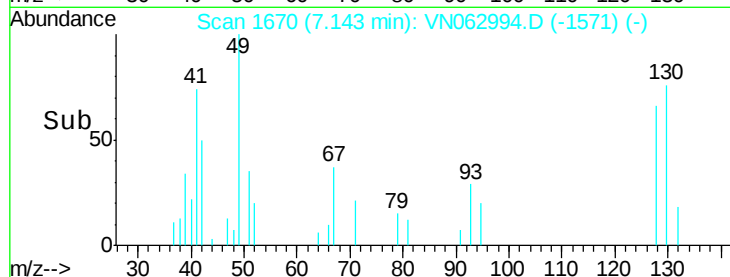
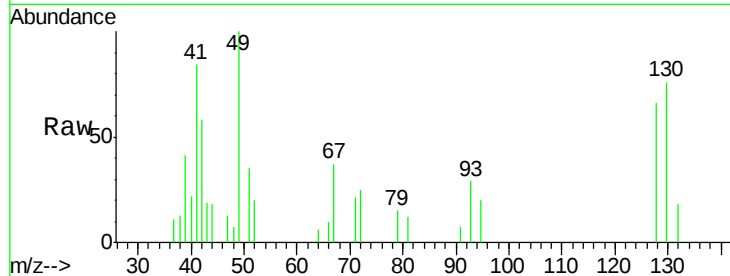
#41
Methacrylonitrile
Concen: 4.972 ug/l m
RT: 7.14 min Scan# 1670
Delta R.T. 0.02 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	43.0	41.6	62.4	
67	76.3	71.8	107.8	
52	38.4	28.2	42.4	

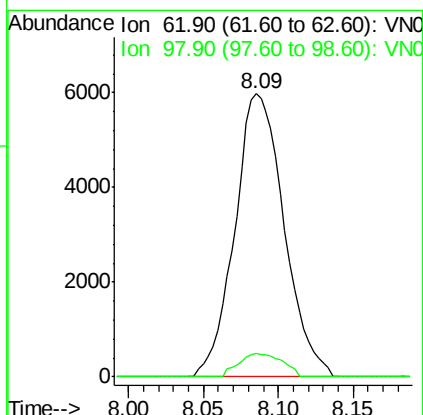
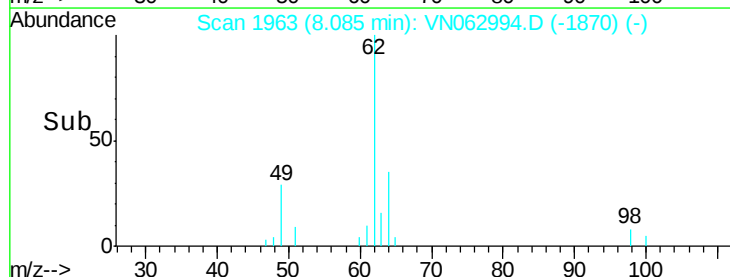
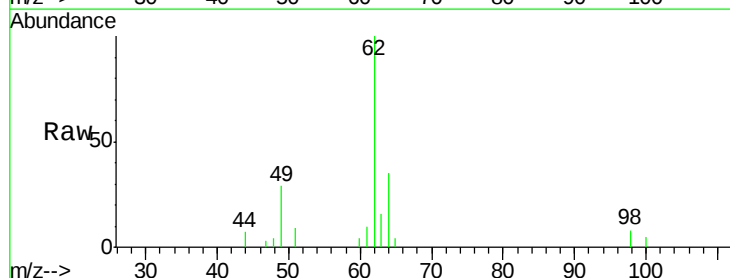
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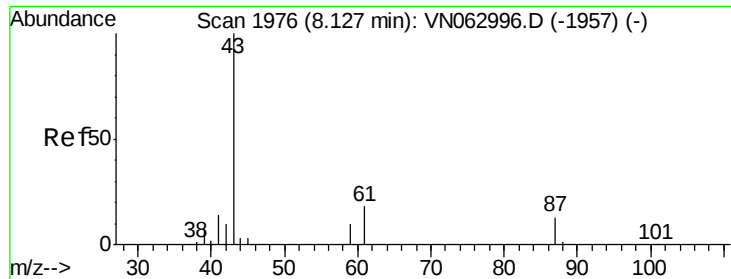
MMDadoda
8/19/2020 5:46:09 PM



#42
1,2-Dichloroethane
Concen: 5.218 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.3	0.0	18.4	





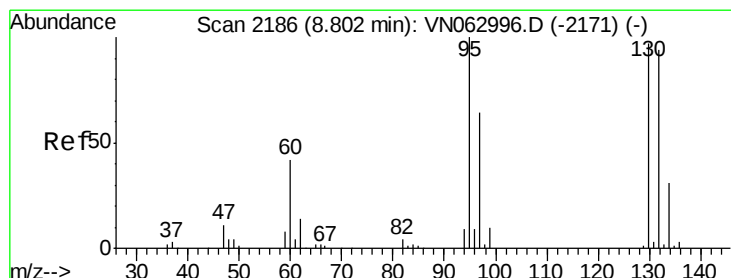
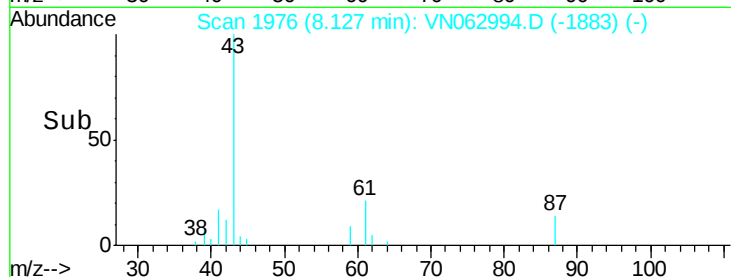
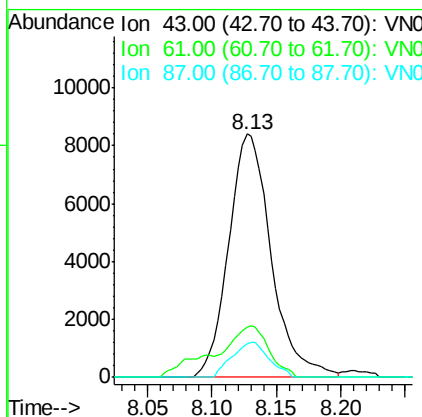
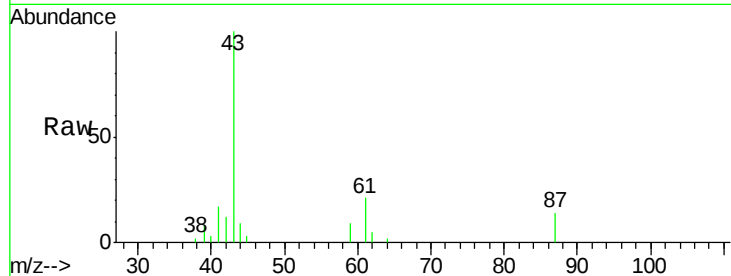
#43
Isopropyl Acetate
Concen: 5.054 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.8	22.6	33.8
87	12.5	10.5	15.7

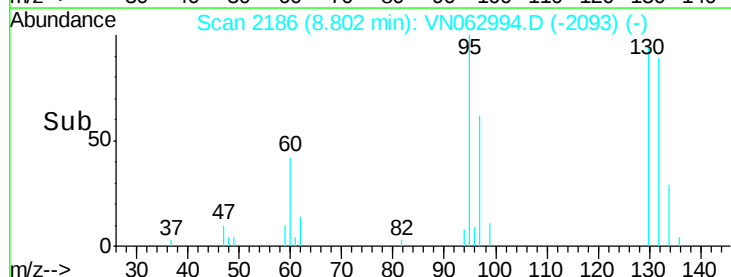
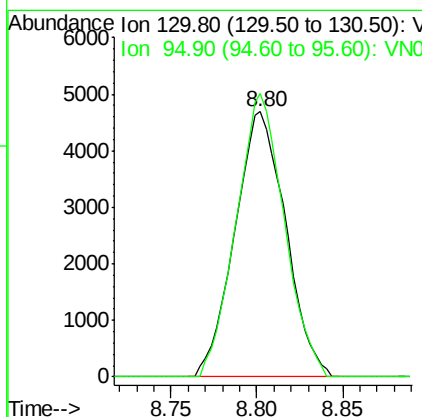
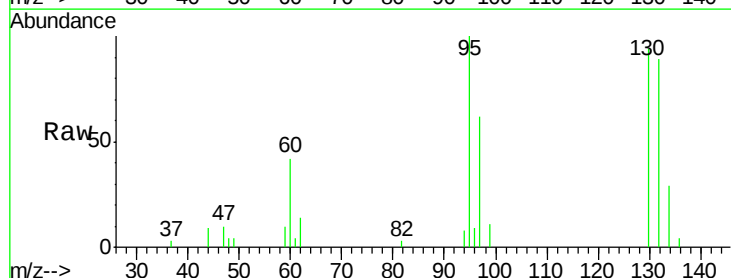
Manual Integrations
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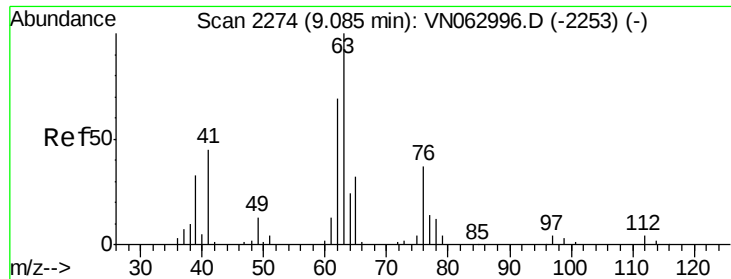
MMDadoda
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#44
Trichloroethene
Concen: 4.966 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	205.6





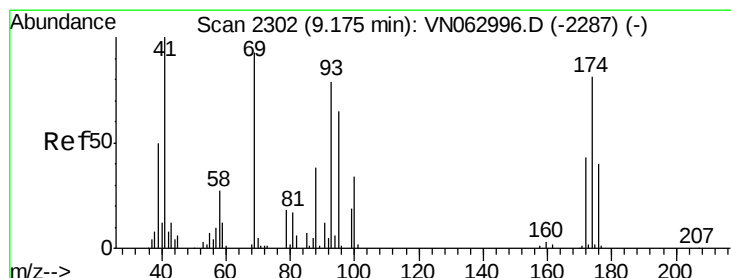
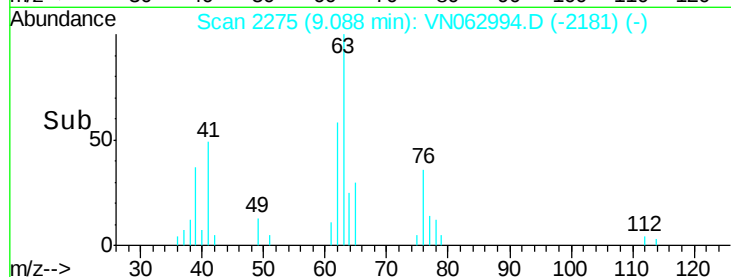
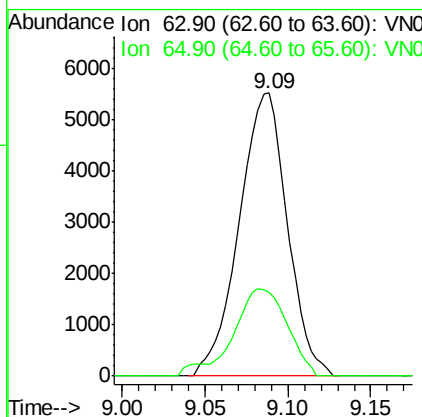
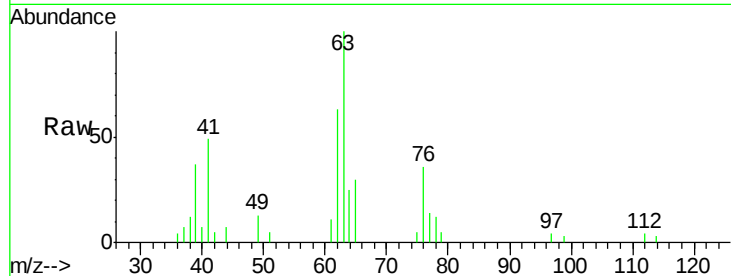
#45
 1,2-Dichloropropane
 Concen: 4.936 ug/l
 RT: 9.09 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion: 63 Resp: 11150
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.6 38.4

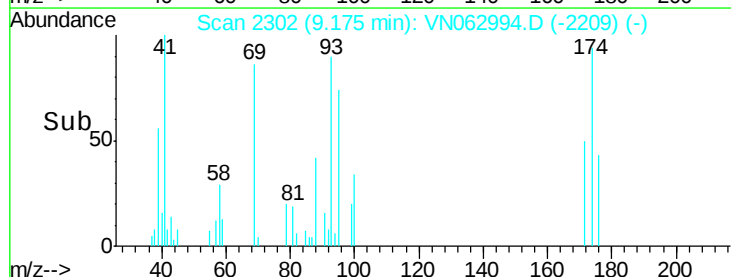
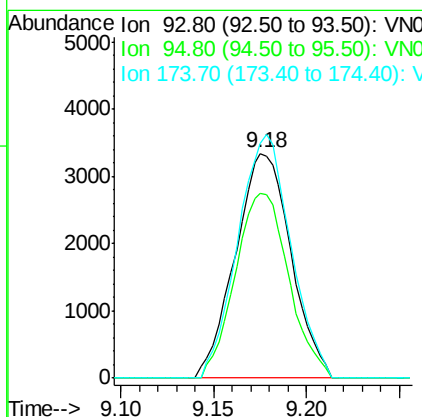
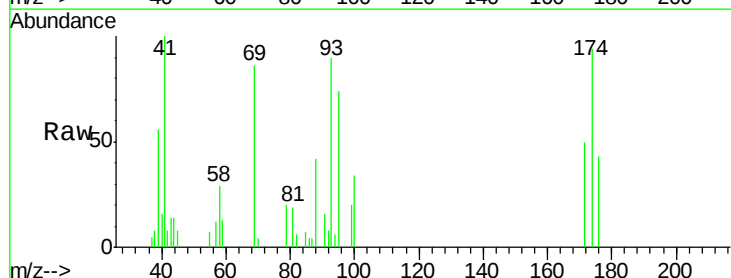
Manual Integrations
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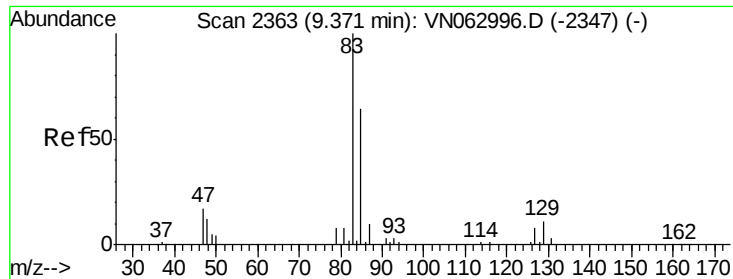
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#46
 Dibromomethane
 Concen: 5.327 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion: 93 Resp: 6952
 Ion Ratio Lower Upper
 93 100
 95 79.0 66.2 99.4
 174 103.4 84.6 127.0





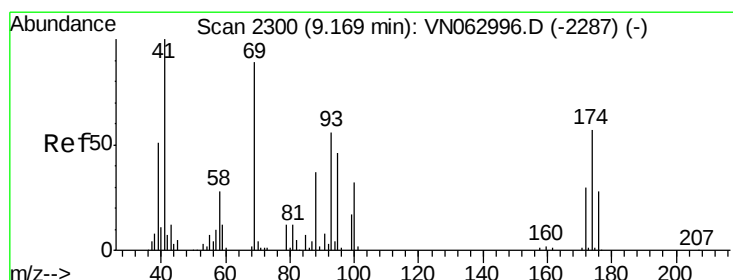
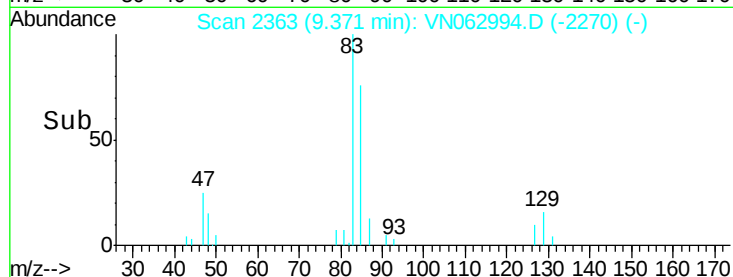
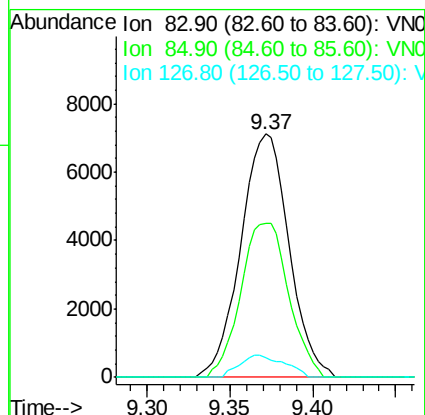
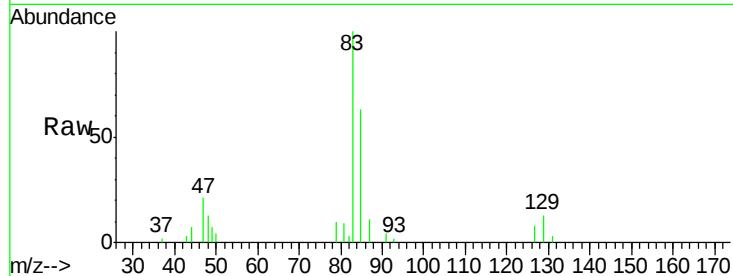
#47
 Bromodichloromethane
 Concen: 5.047 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:	83	Resp:	14424
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.1	76.7
127	8.2	6.6	9.8

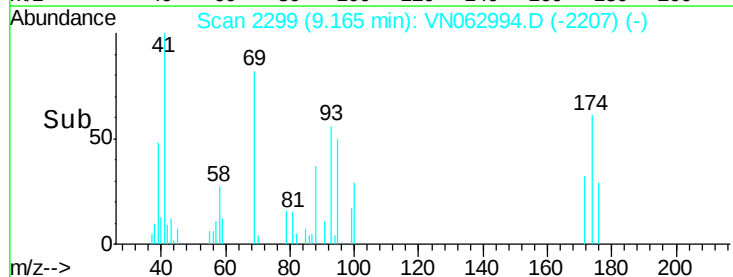
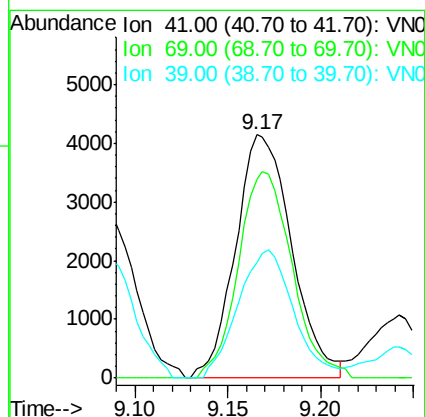
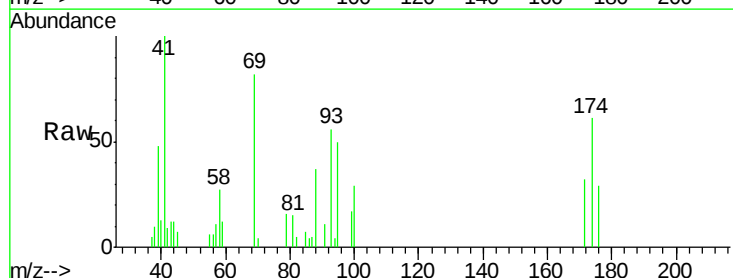
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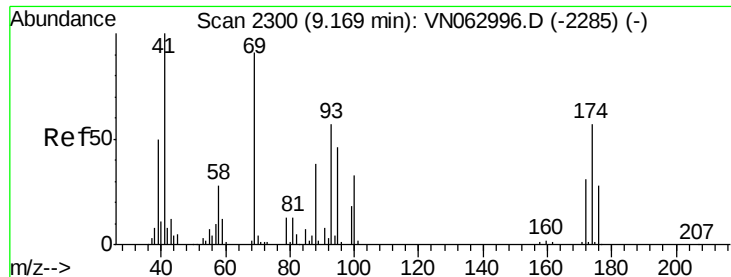
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#48
 Methyl methacrylate
 Concen: 4.823 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion:	41	Resp:	8728
Ion	Ratio	Lower	Upper
41	100		
69	81.3	74.2	111.4
39	52.1	42.5	63.7





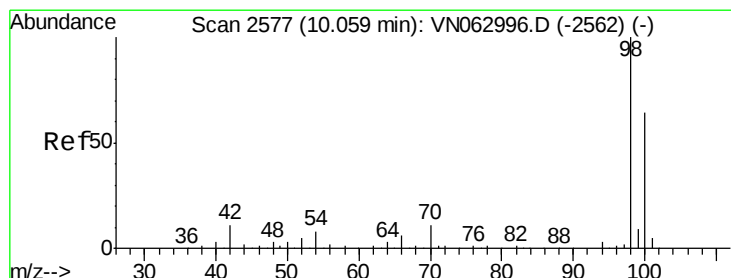
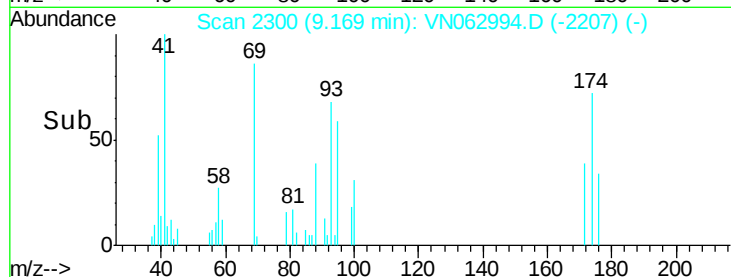
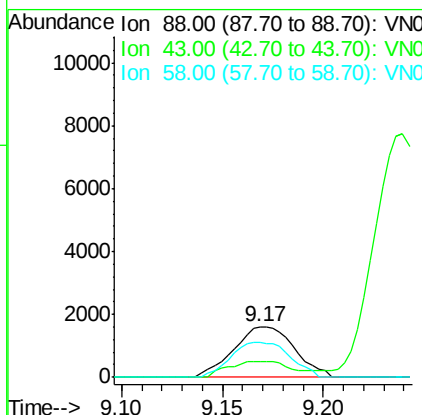
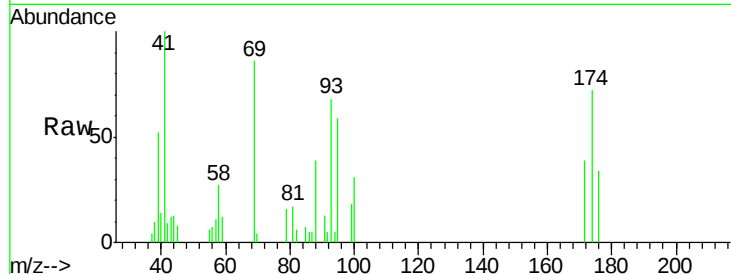
#49
1,4-Dioxane
Concen: 95.362 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	25.2	37.8
58	67.6	56.7	85.1

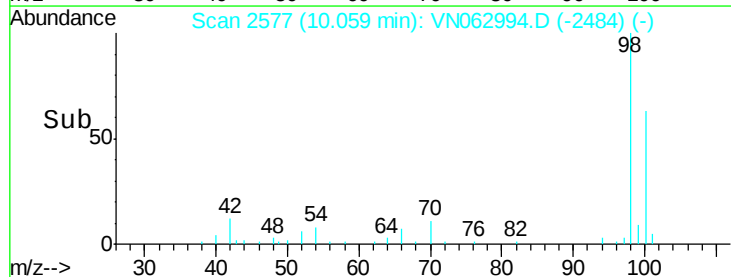
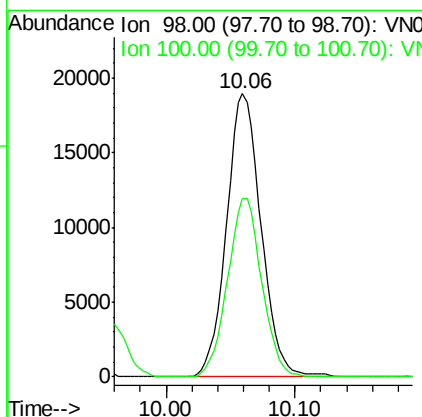
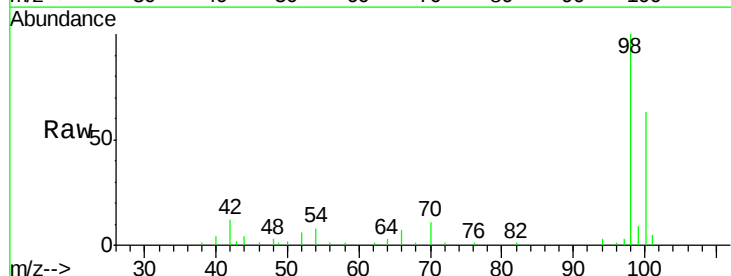
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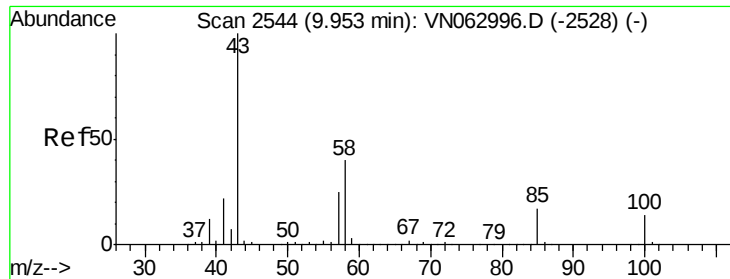
MMDadoda
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#50
Toluene-d8
Concen: 5.025 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.3	51.2	76.8





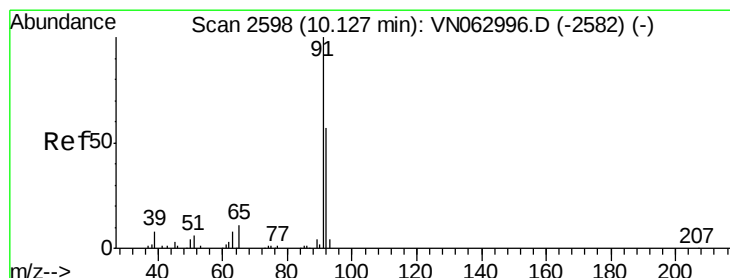
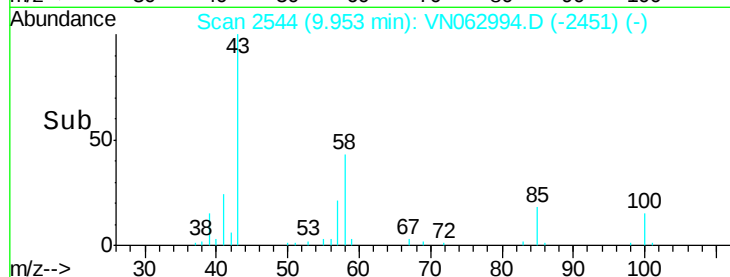
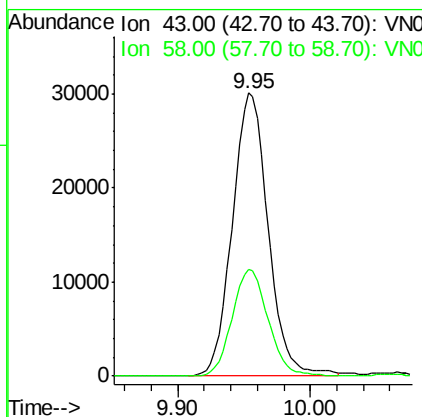
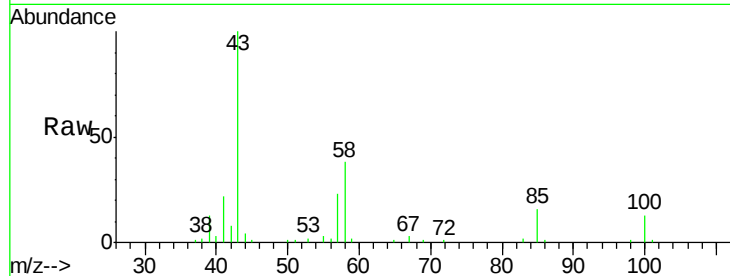
#51
4-Methyl-2-Pentanone
Concen: 23.386 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.7	32.2	48.2

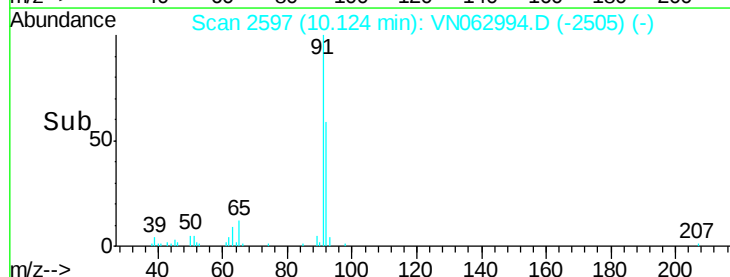
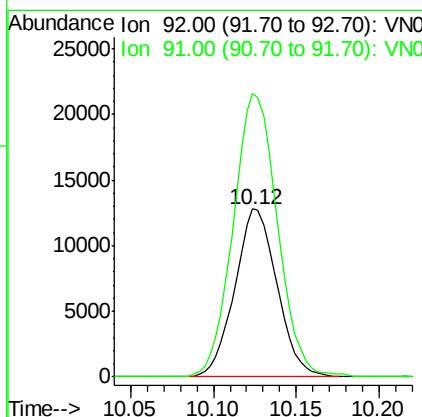
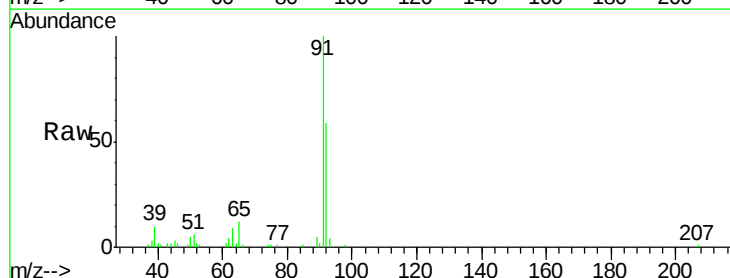
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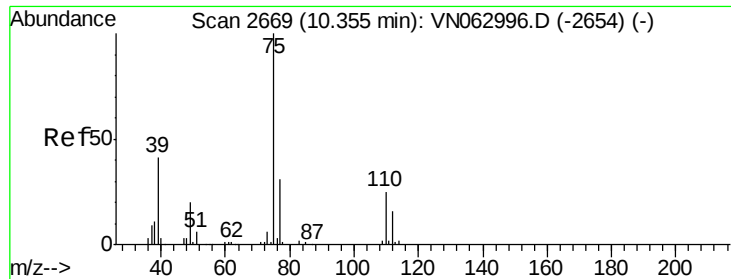
MMDadoda
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#52
Toluene
Concen: 4.815 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.4	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 4.600 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 75 Resp: 13596

Ion Ratio Lower Upper

75 100

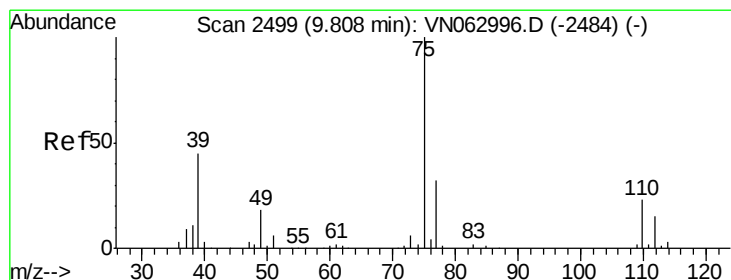
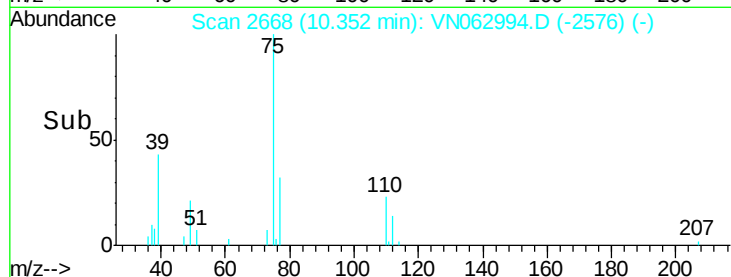
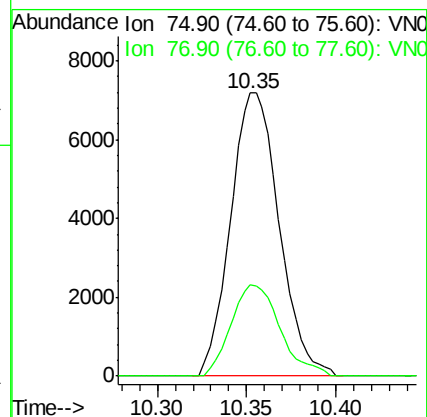
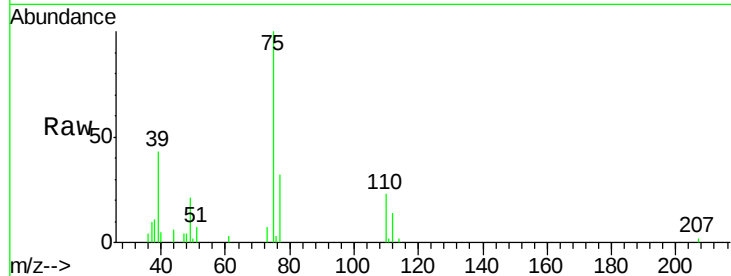
77 32.1 24.6 37.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 4.652 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

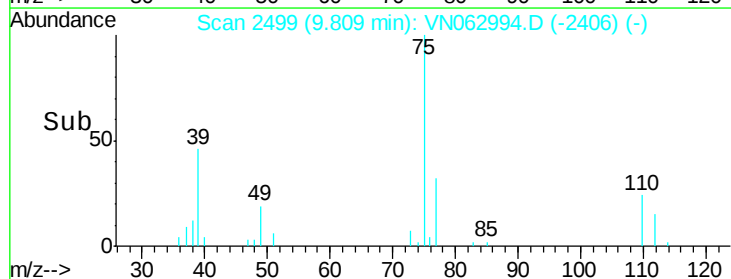
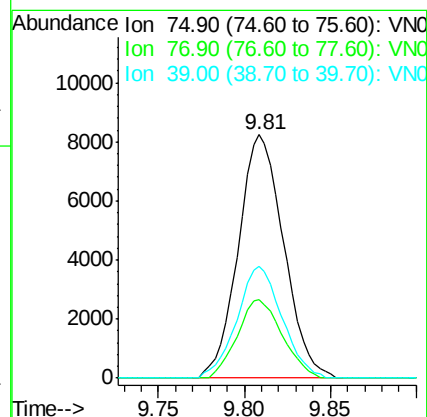
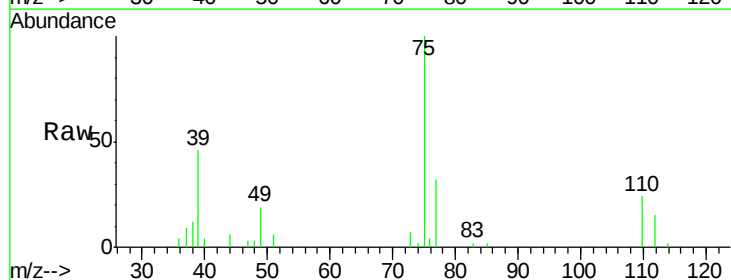
Tgt Ion: 75 Resp: 15082

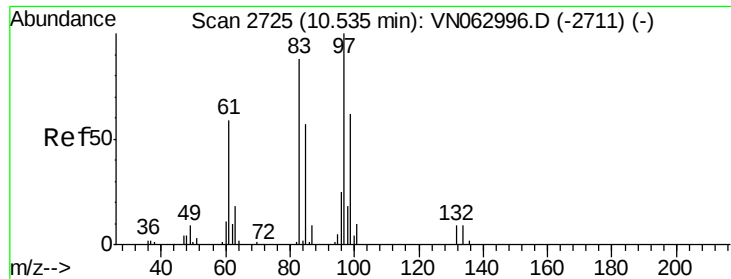
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

39 46.1 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 4.811 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

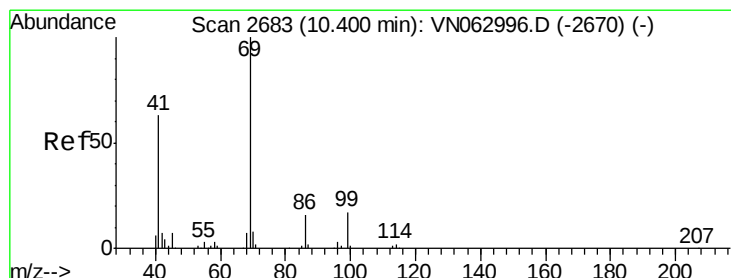
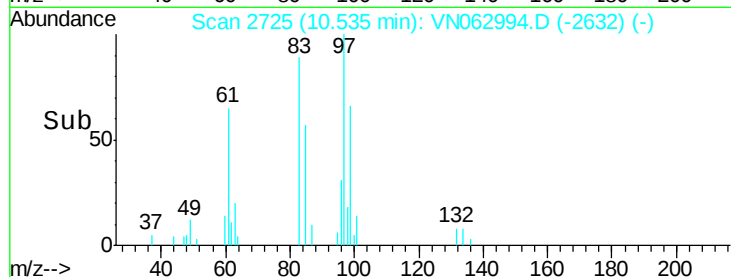
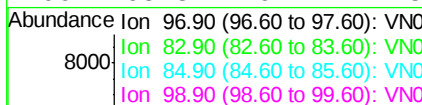
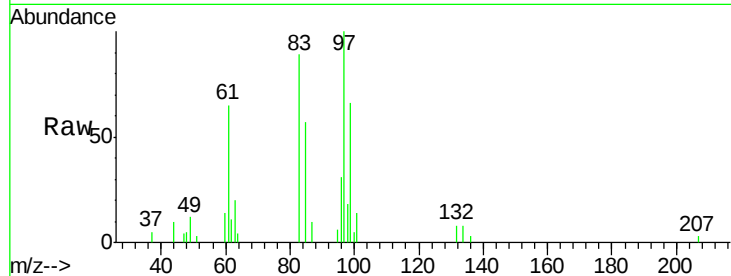
ClientSampleId :

VSTDIC005

Tot Ion:	97	Resp:	9697
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.5	105.7
85	56.6	45.8	68.6
99	65.8	49.7	74.5

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#56

Ethyl methacrylate

Concen: 4.208 ug/l

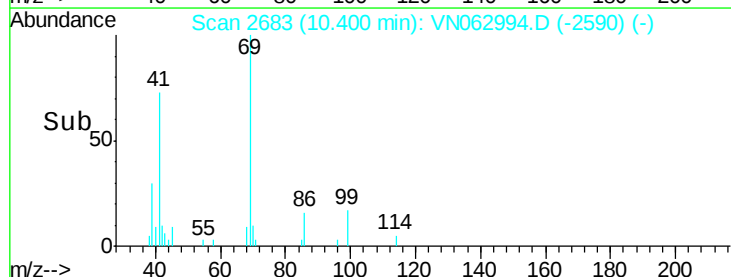
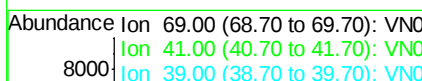
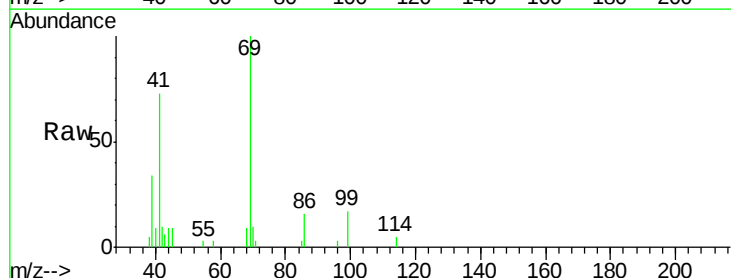
RT: 10.40 min Scan# 2683

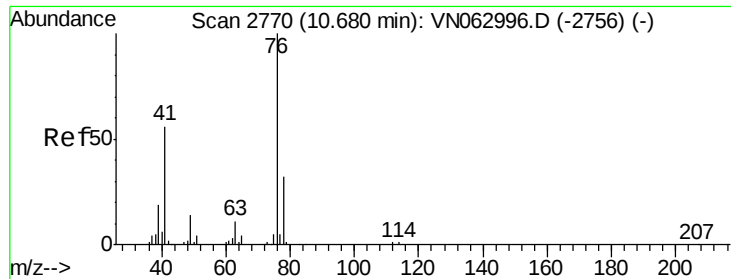
Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Tgt Ion:	69	Resp:	11454
Ion	Ratio	Lower	Upper
69	100		
41	68.3	50.2	75.2
39	29.9	24.2	36.4





#57

1,3-Dichloropropane

Concen: 4.826 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 16152

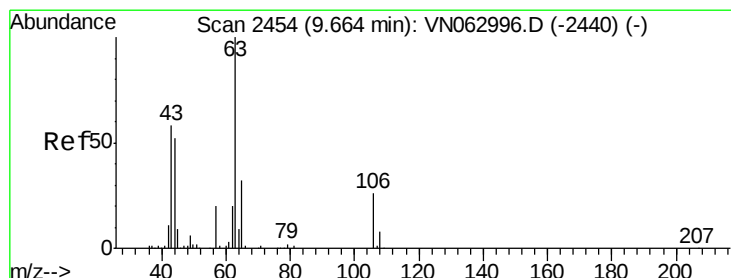
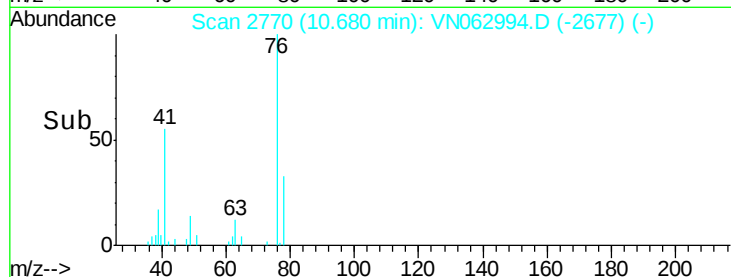
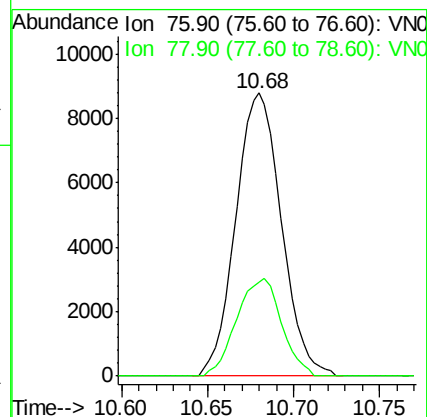
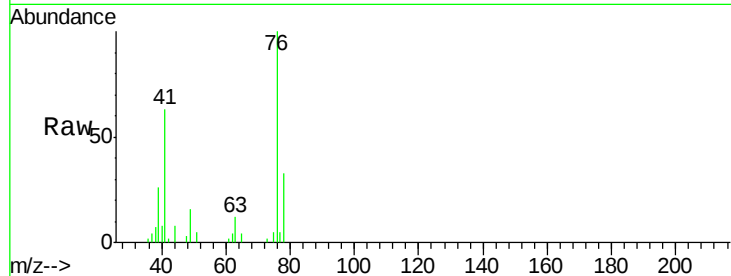
Ion Ratio Lower Upper

76 100

78 33.9 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 21.049 ug/l

RT: 9.67 min Scan# 2455

Delta R.T. 0.00 min

Lab File: VN062994.D

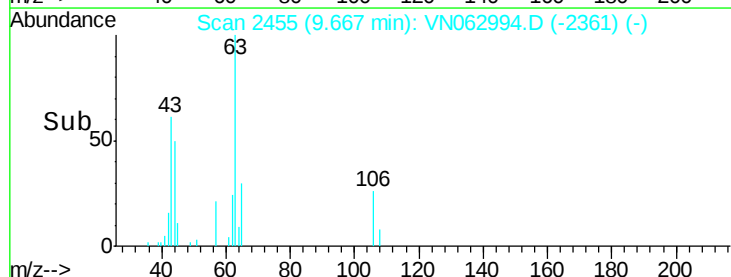
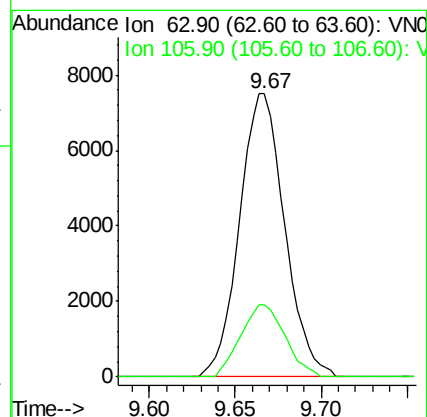
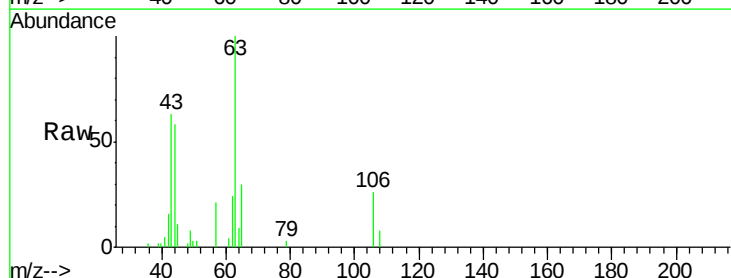
Acq: 18 Aug 2020 19:05

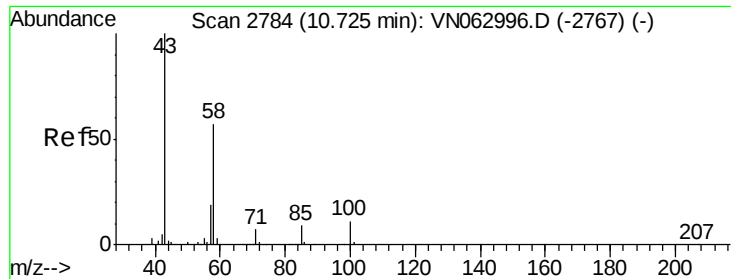
Tgt Ion: 63 Resp: 13732

Ion Ratio Lower Upper

63 100

106 24.9 20.7 31.1





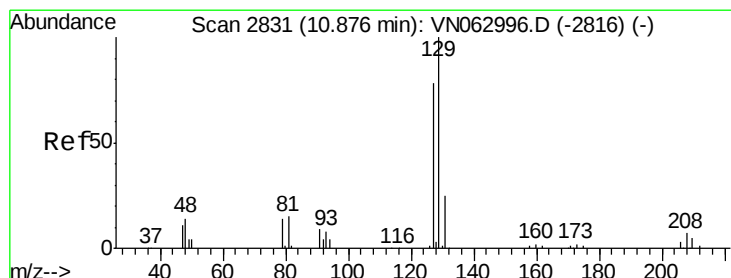
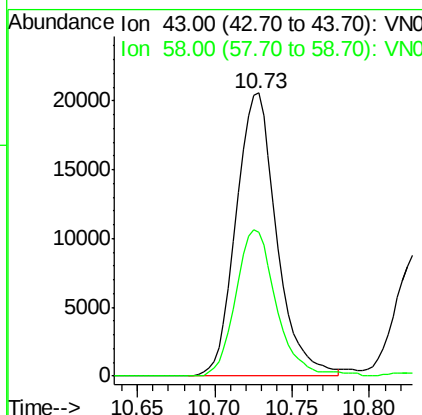
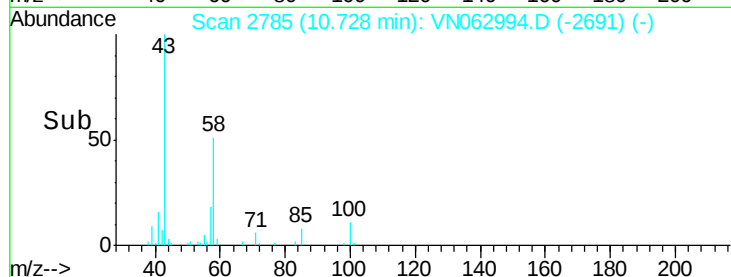
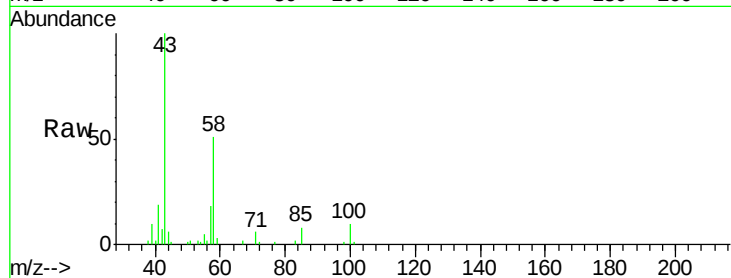
#59
2-Hexanone
Concen: 22.269 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 37554
Ion Ratio Lower Upper
43 100
58 51.6 28.1 84.3

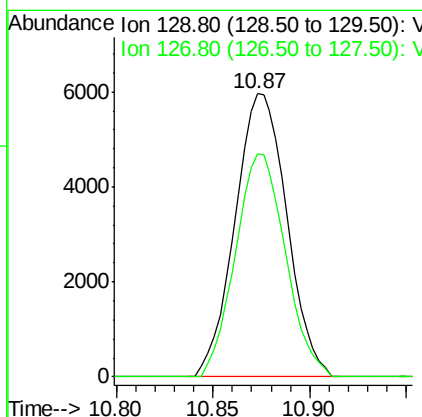
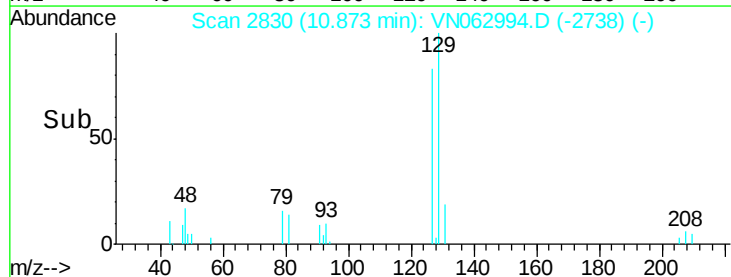
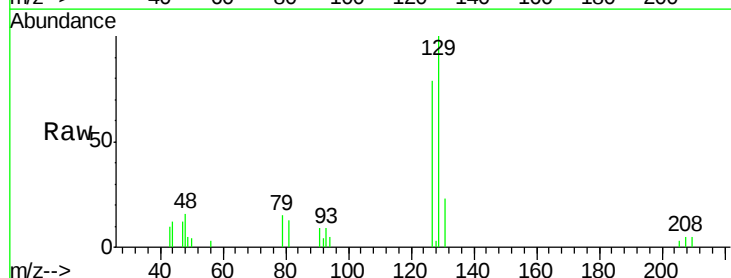
Manual Integrations
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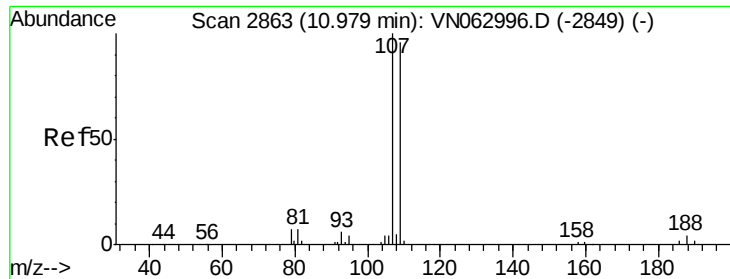
MMDadoda
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#60
Dibromochloromethane
Concen: 4.984 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 129 Resp: 11117
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.2





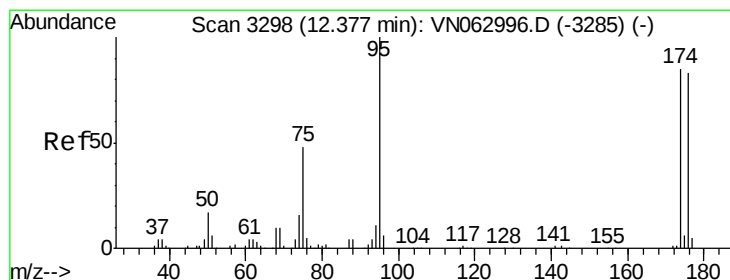
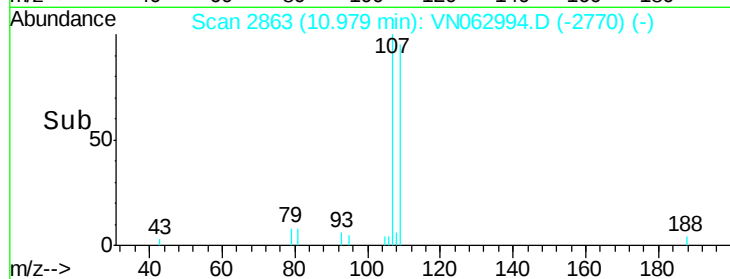
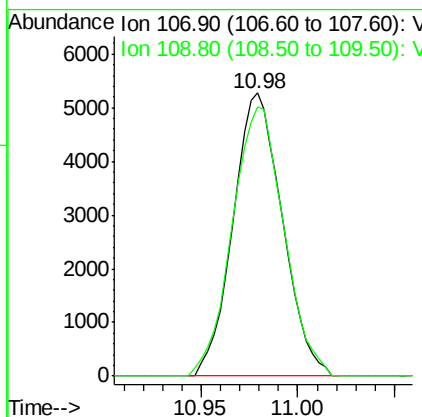
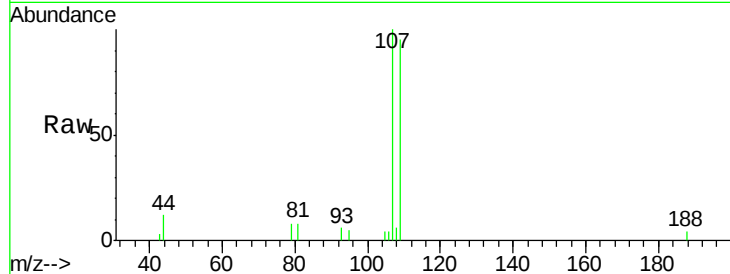
#61
 1,2-Dibromoethane
 Concen: 4.823 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	99.6	75.7	113.5

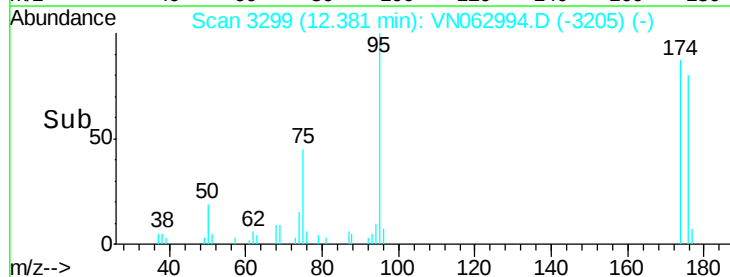
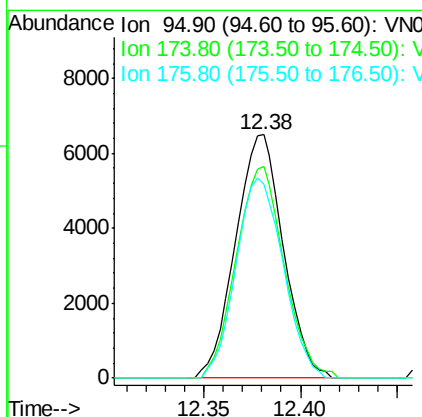
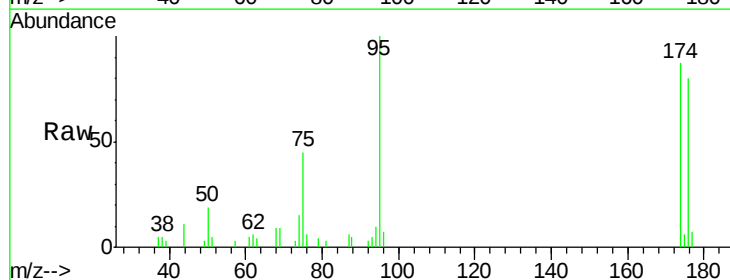
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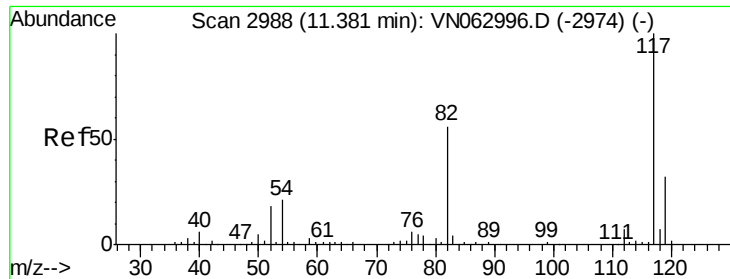
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#62
 4-Bromofluorobenzene
 Concen: 4.512 ug/l
 RT: 12.38 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.2	0.0	170.8
176	81.1	0.0	164.8





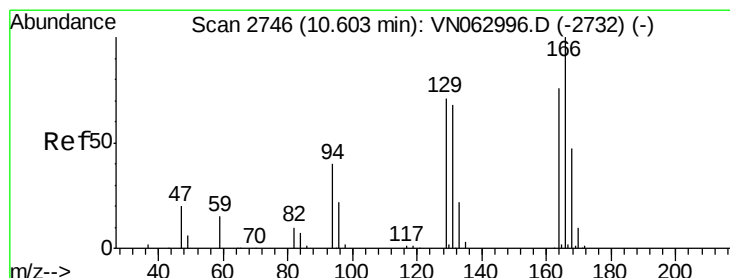
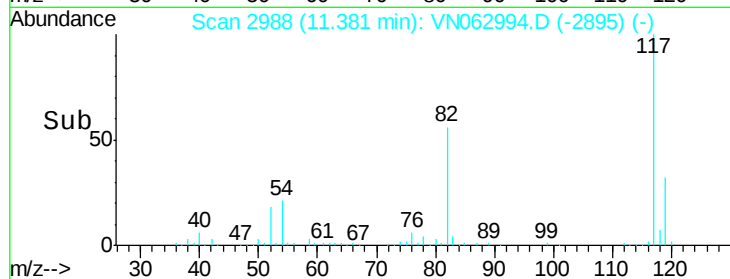
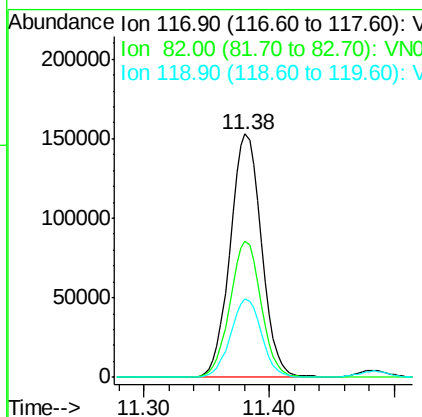
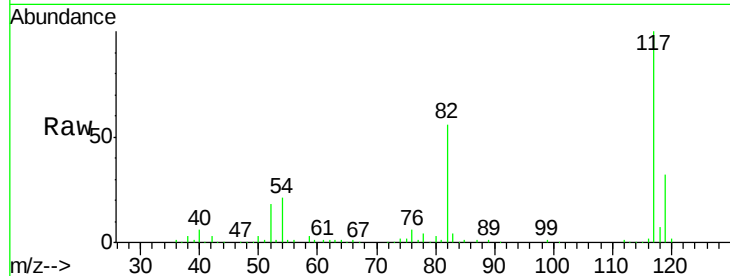
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.5	66.7
119	32.0	25.5	38.3

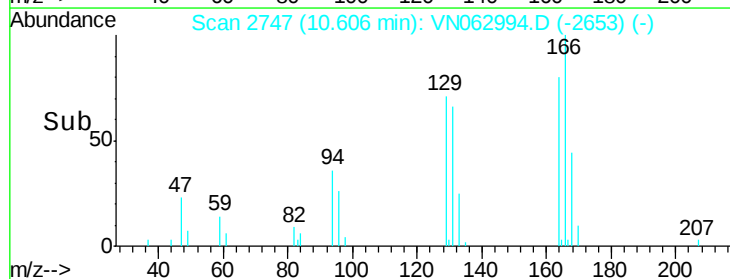
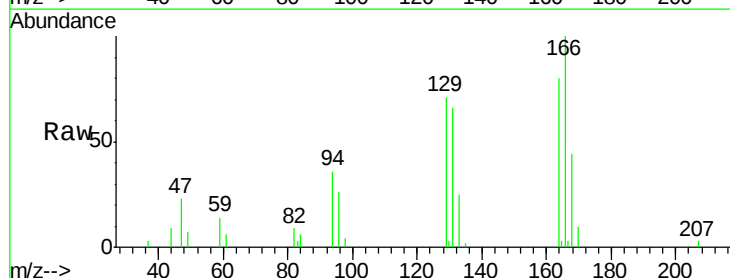
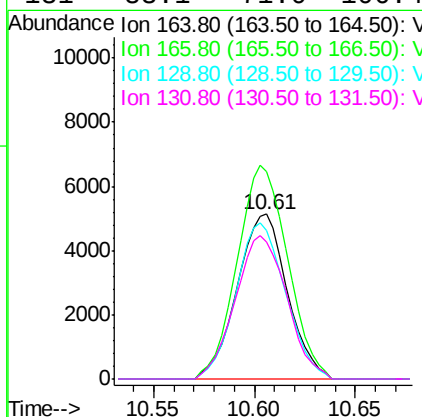
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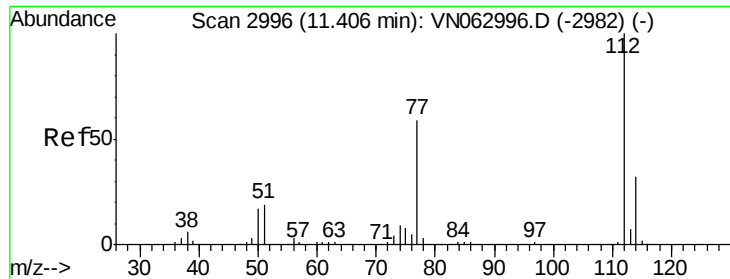
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#64
Tetrachloroethene
Concen: 5.110 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	105.0	157.6
129	89.8	74.7	112.1
131	83.1	71.0	106.4





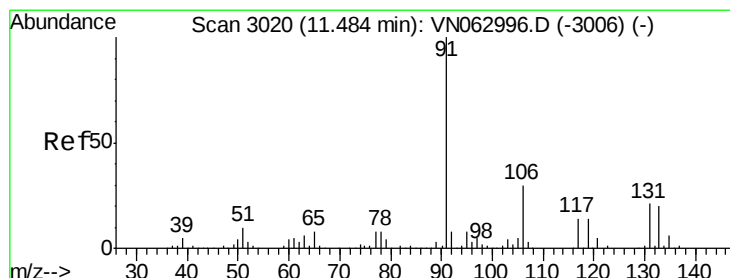
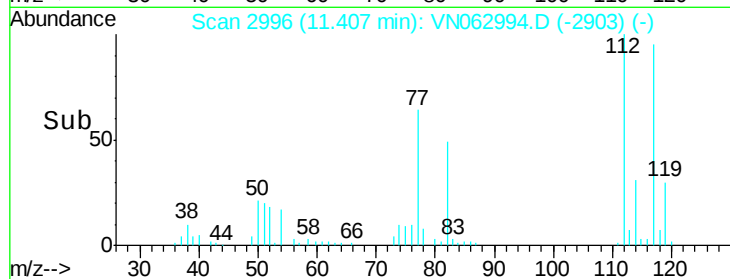
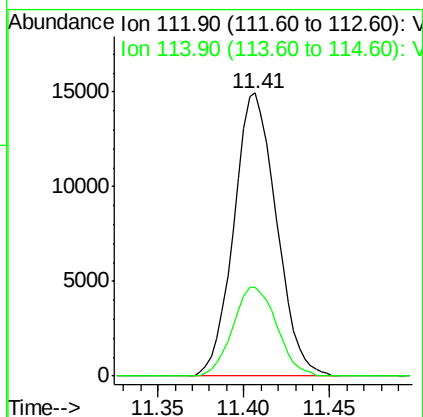
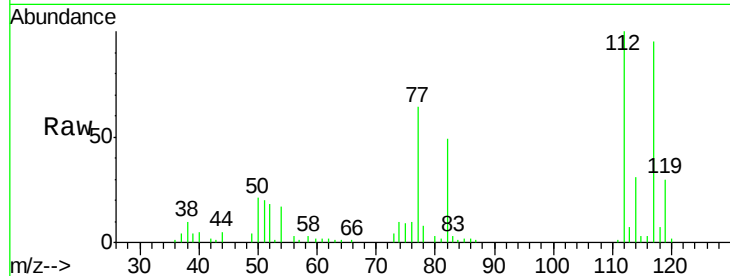
#65
Chlorobenzene
Concen: 4.844 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 25823
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9

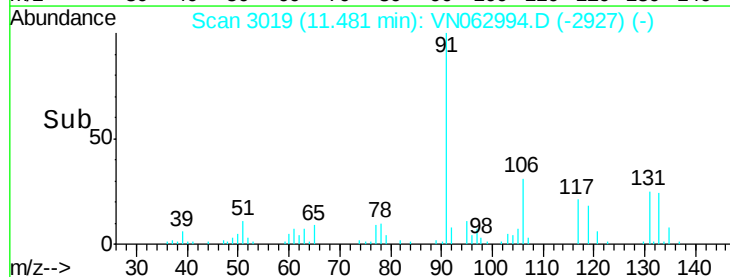
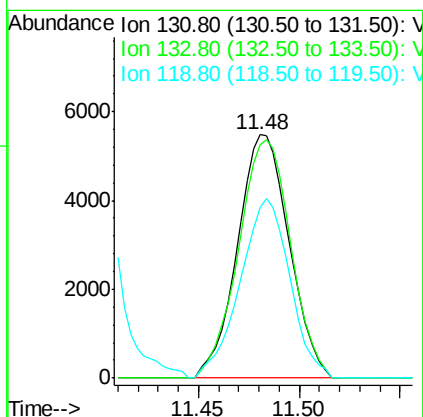
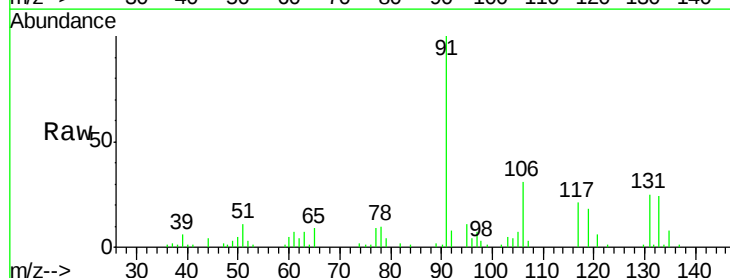
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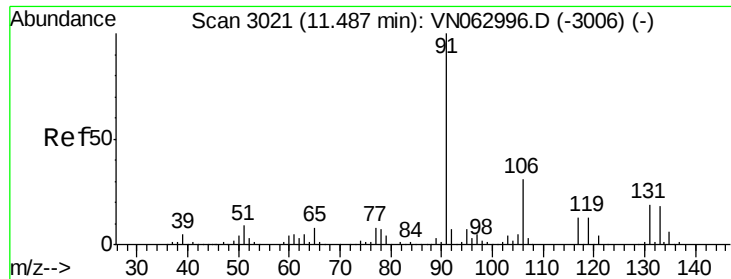
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.734 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion:131 Resp: 9815
Ion Ratio Lower Upper
131 100
133 98.9 47.5 142.6
119 70.7 33.1 99.3





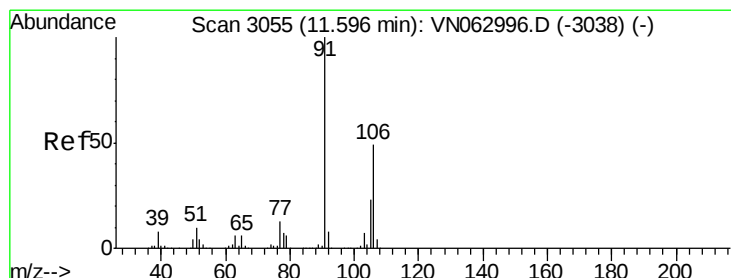
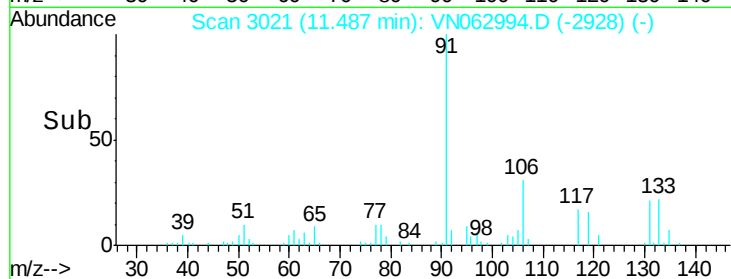
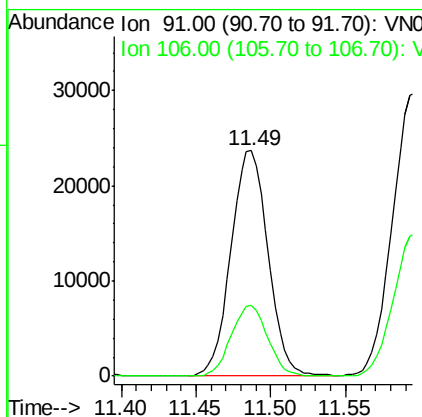
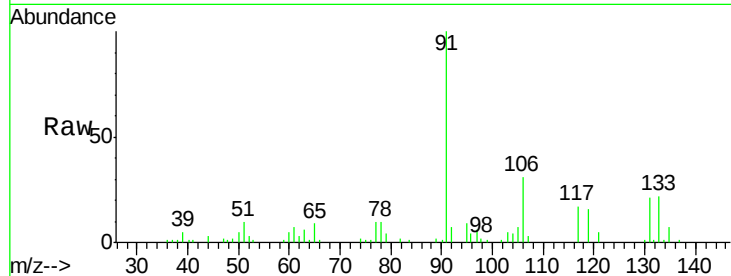
#67
Ethyl Benzene
Concen: 4.548 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 91 Resp: 40960
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0

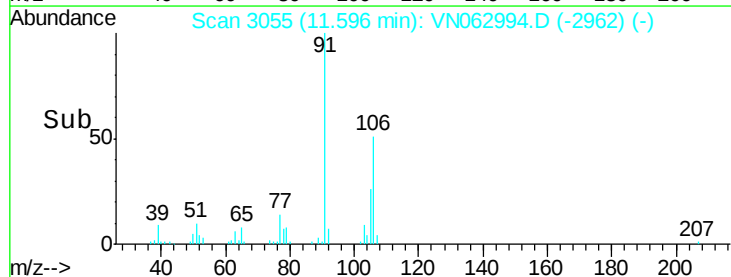
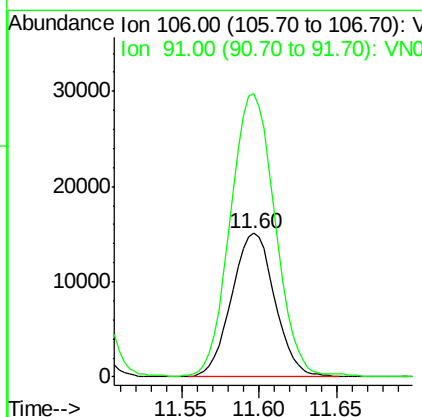
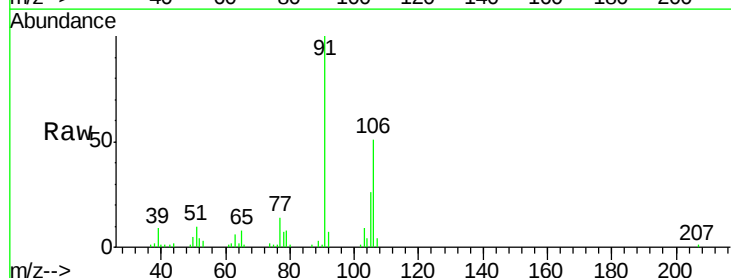
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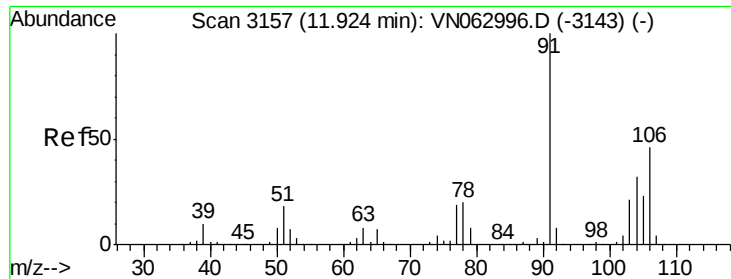
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#68
m/p-Xylenes
Concen: 8.766 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 106 Resp: 29347
Ion Ratio Lower Upper
106 100
91 204.3 163.0 244.4





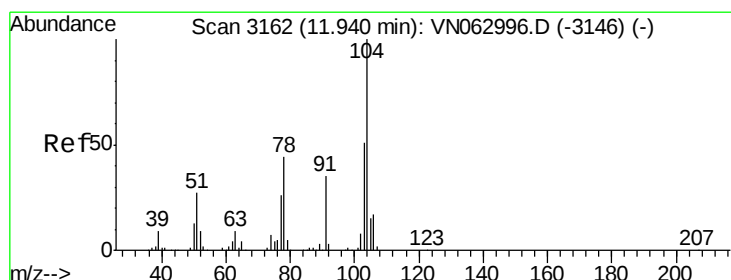
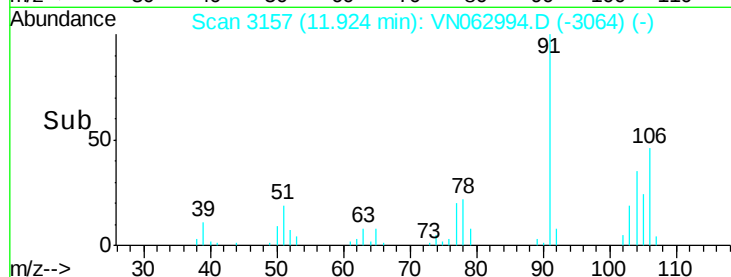
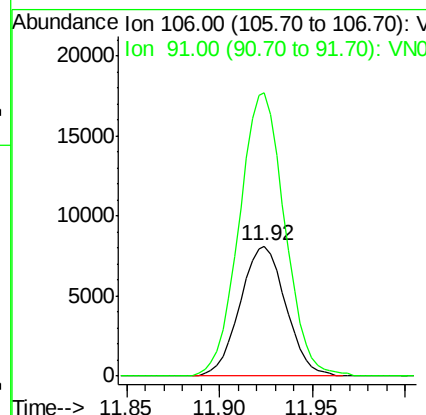
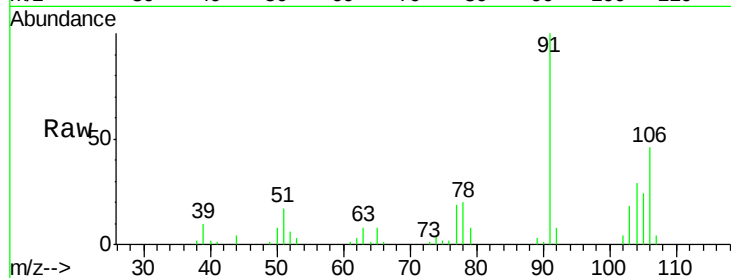
#69
o-Xylene
Concen: 4.337 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 13943
Ion Ratio Lower Upper
106 100
91 216.3 107.3 321.9

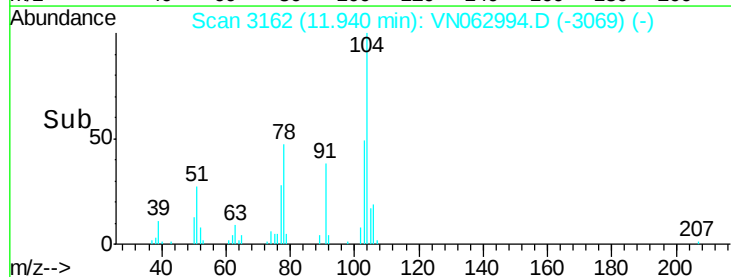
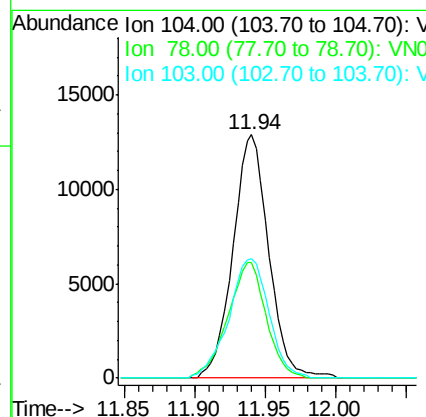
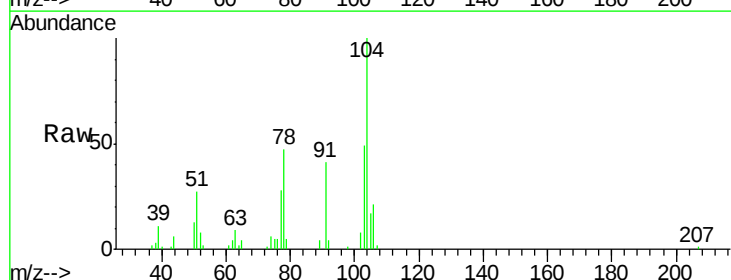
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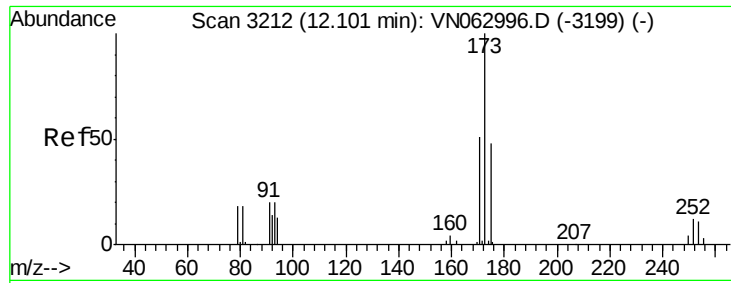
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#70
Styrene
Concen: 4.143 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion:104 Resp: 22857
Ion Ratio Lower Upper
104 100
78 50.8 39.0 58.6
103 55.1 44.3 66.5





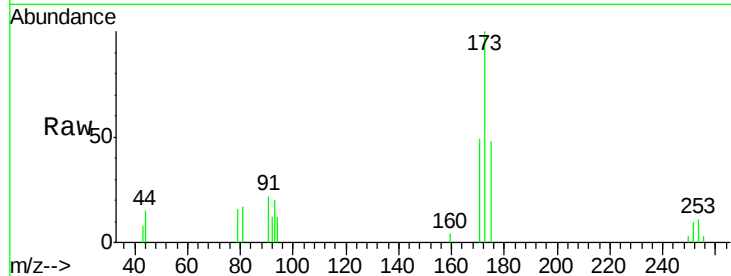
#71
Bromoform
Concen: 4.833 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

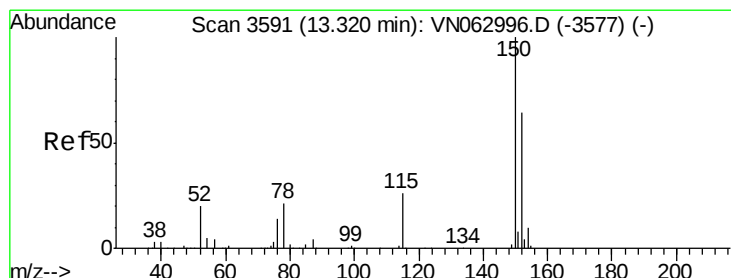
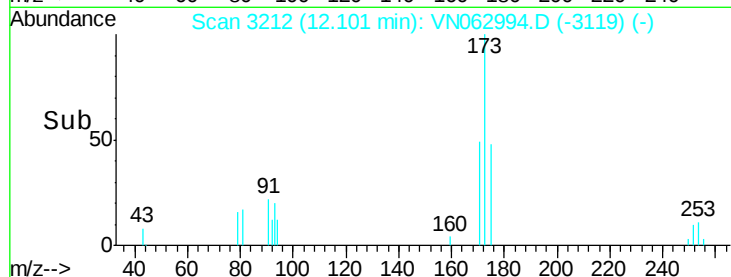
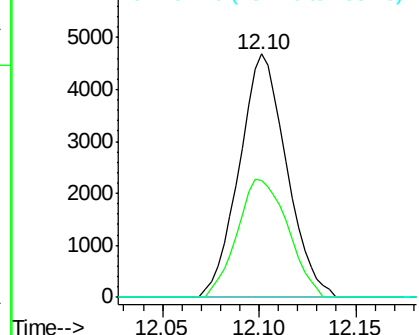
Tot Ion	Ratio	Lower	Upper
173	100		
175	51.8	24.3	72.8
254	0.0	0.0	0.0

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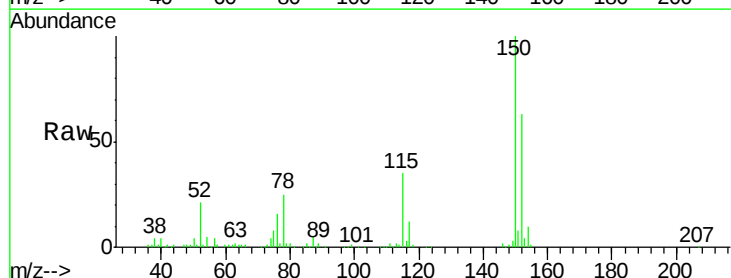


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

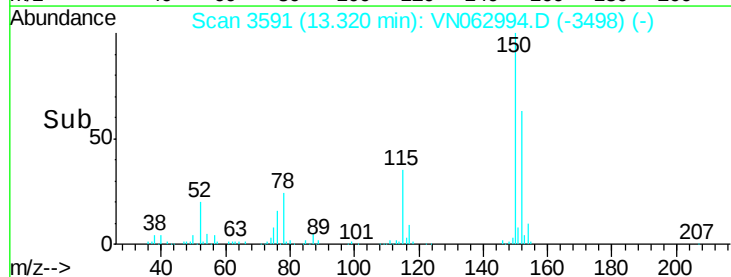
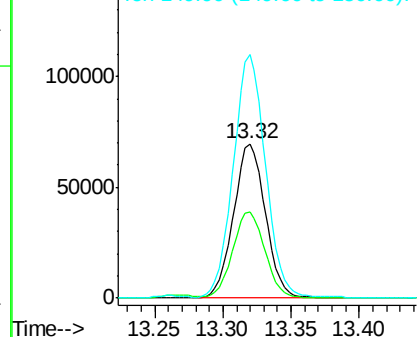


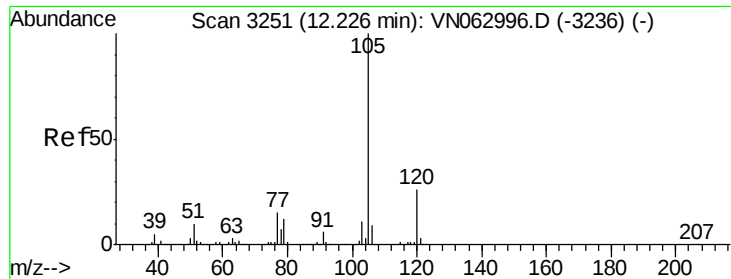
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.7	86.3
150	158.3	0.0	348.8



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





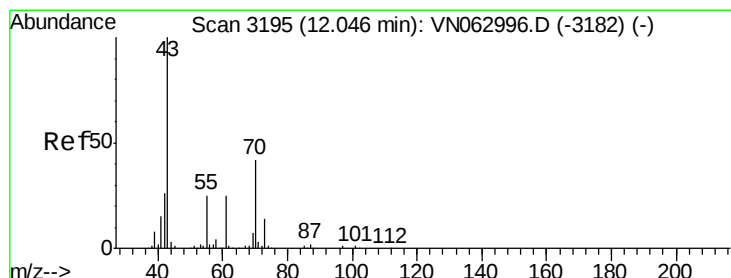
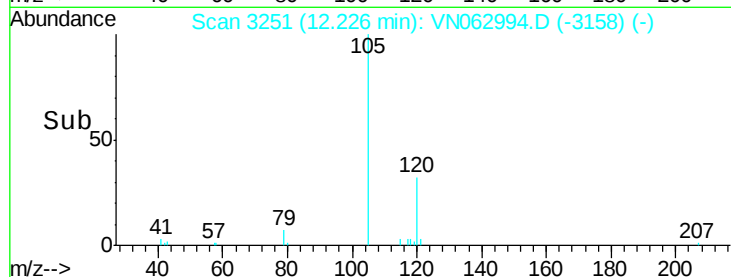
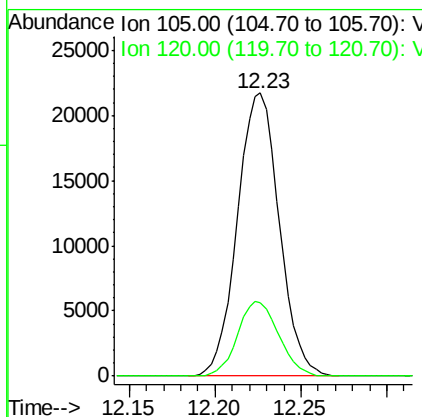
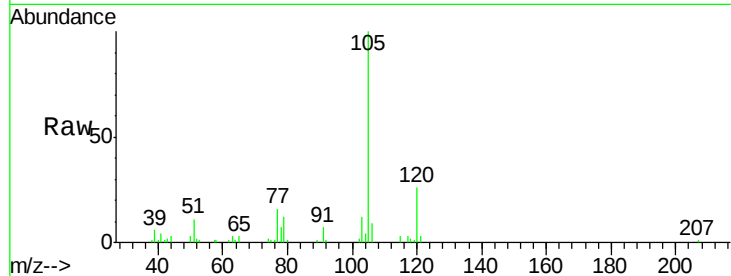
#73
Isopropylbenzene
Concen: 4.720 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.2	39.6

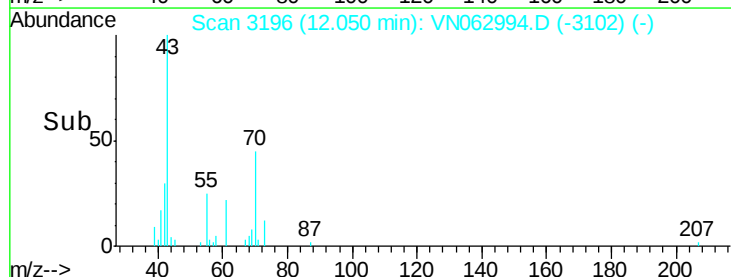
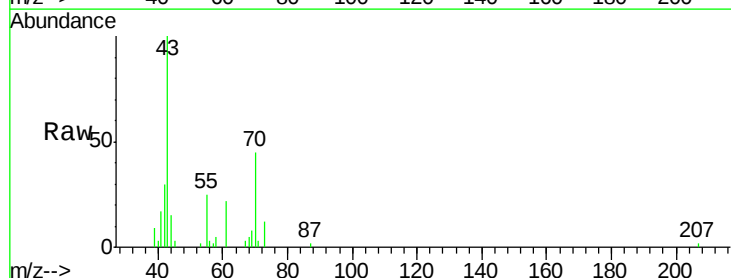
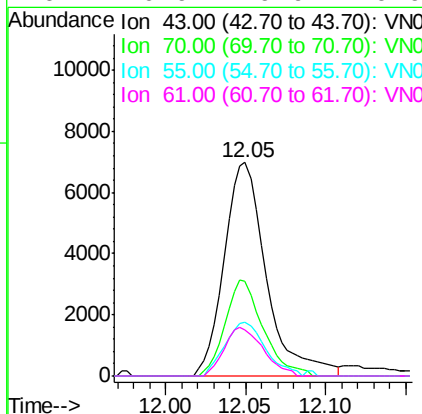
Manual Integrations
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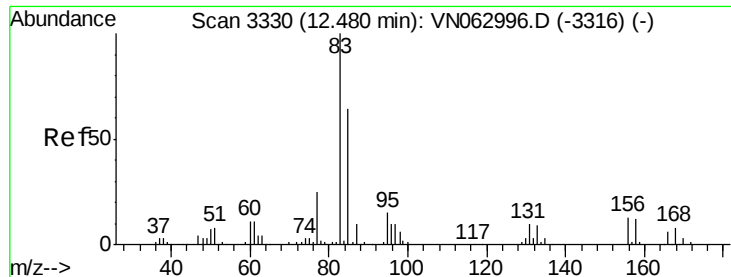
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#74
N-ethyl acetate
Concen: 4.507 ug/l
RT: 12.05 min Scan# 3196
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.1	33.4	50.0
55	24.0	20.2	30.2
61	20.9	19.9	29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.344 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

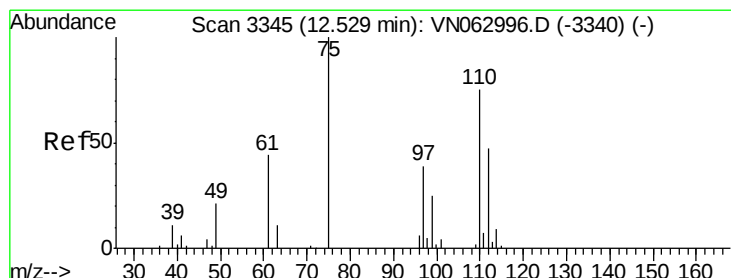
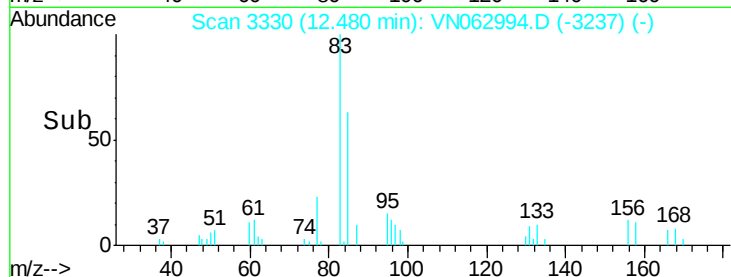
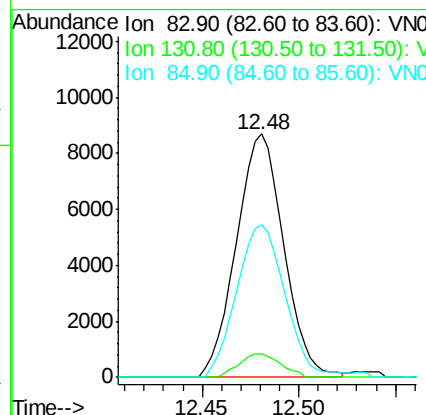
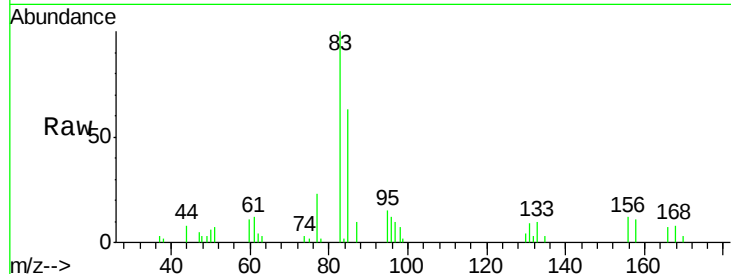
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	14847
Ion Ratio	Lower	Upper	
83	100		
131	8.4	4.9	14.7
85	63.9	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.641 ug/l m

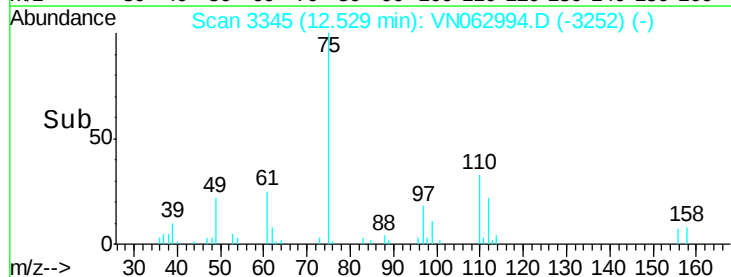
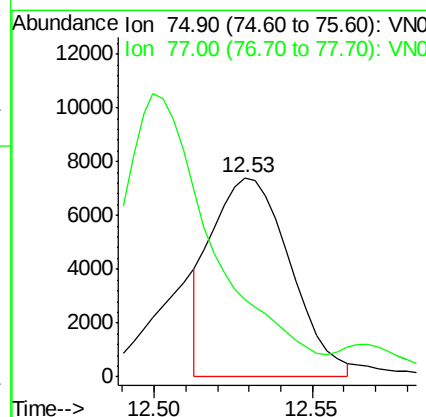
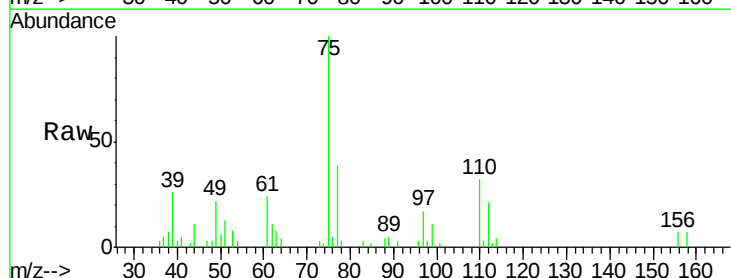
RT: 12.53 min Scan# 3345

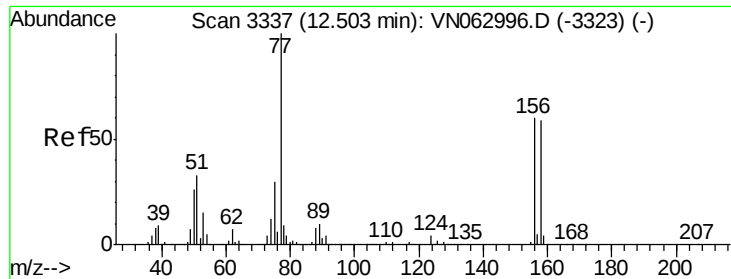
Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Tgt Ion:	75	Resp:	12633
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.007 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

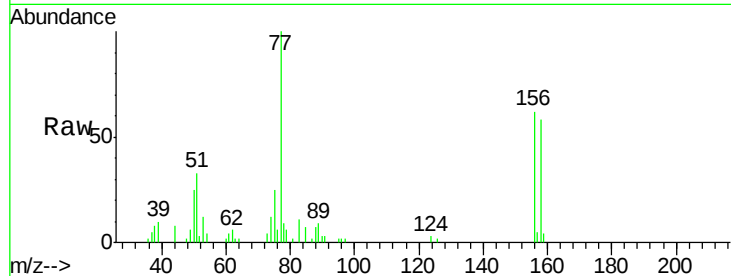
ClientSampled :

VSTDIC005

Tot Ion:	156	Resp:	10722
Ion Ratio	Lower	Upper	
156	100		
77	207.6	101.0	302.9
158	99.6	49.4	148.0

Manual Integrations
APPROVED

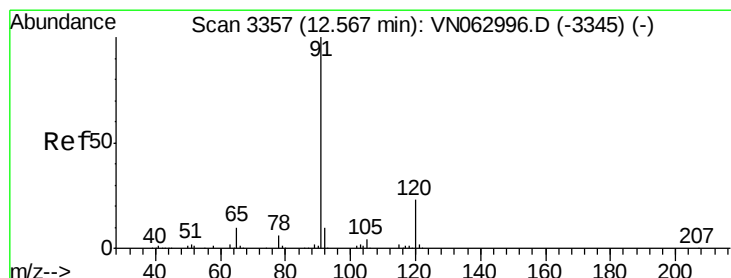
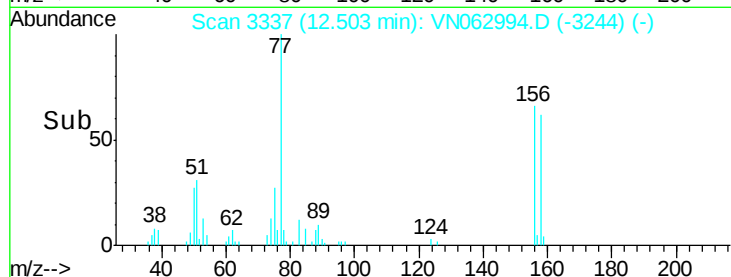
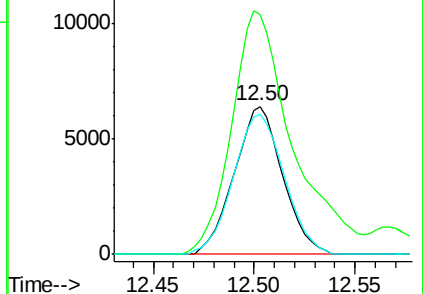
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.739 ug/l

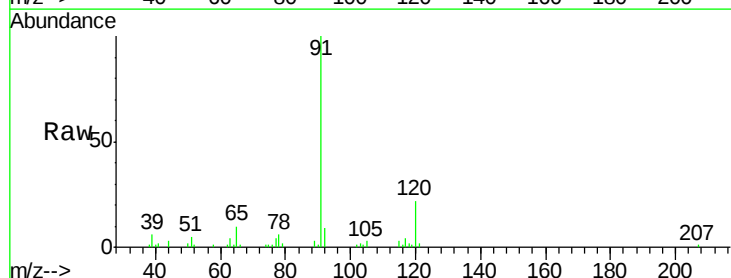
RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062994.D

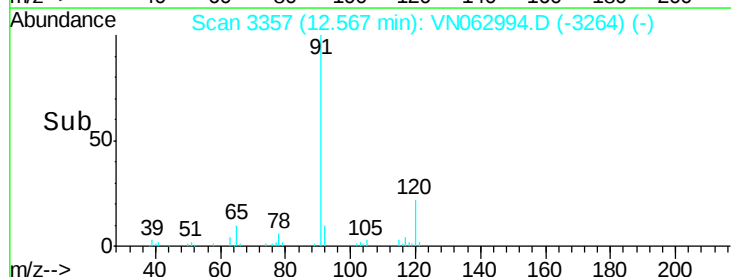
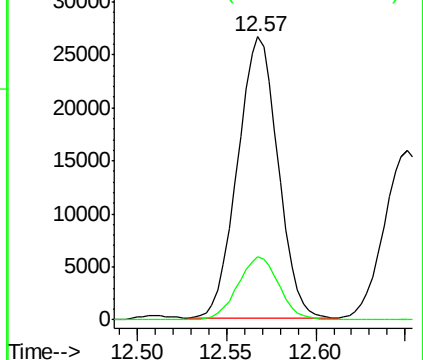
Acq: 18 Aug 2020 19:05

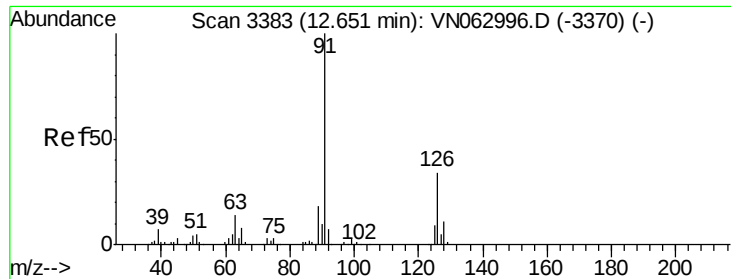
Tgt Ion:	91	Resp:	42058
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 120.00 (119.70 to 120.70): V





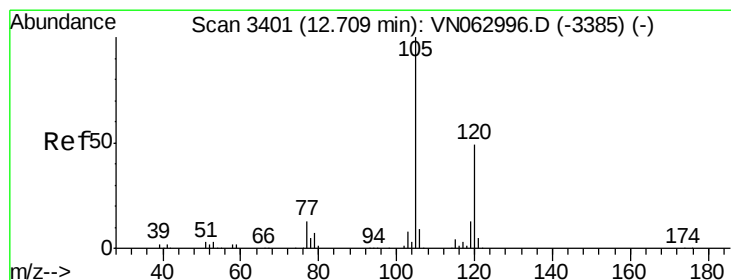
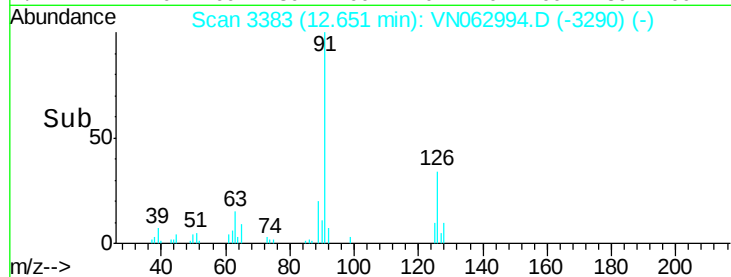
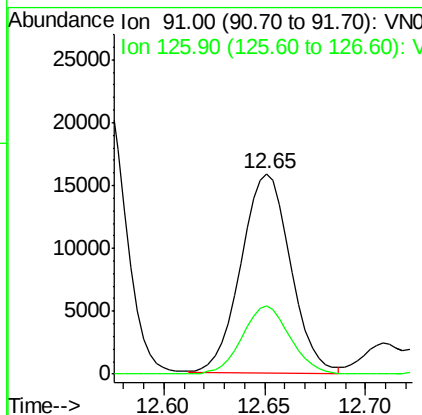
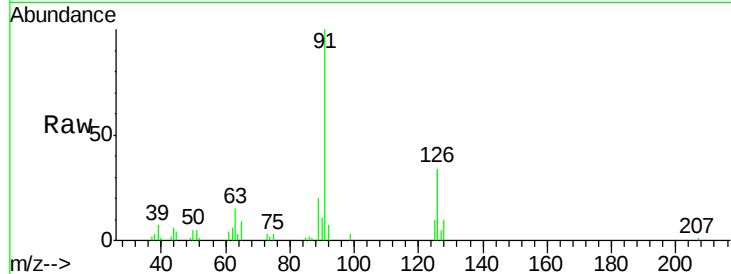
#79
 2-Chlorotoluene
 Concen: 4.870 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 27187
 Ion Ratio Lower Upper
 91 100
 126 33.1 17.1 51.2

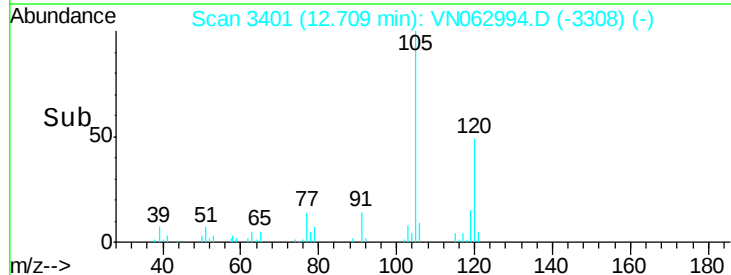
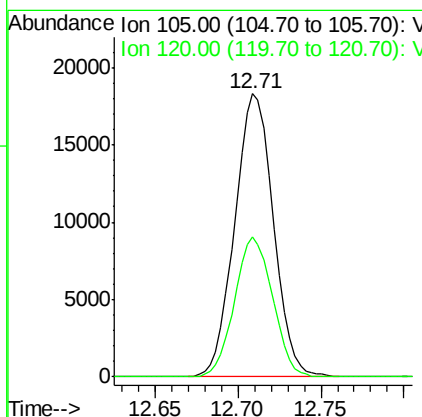
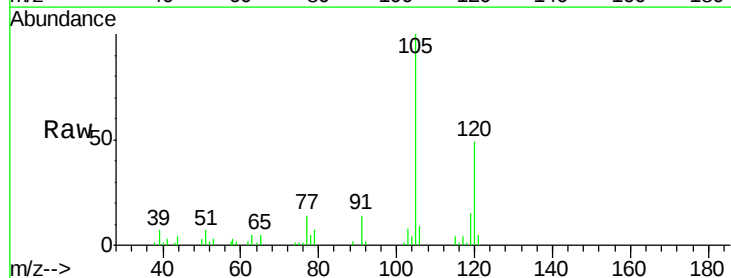
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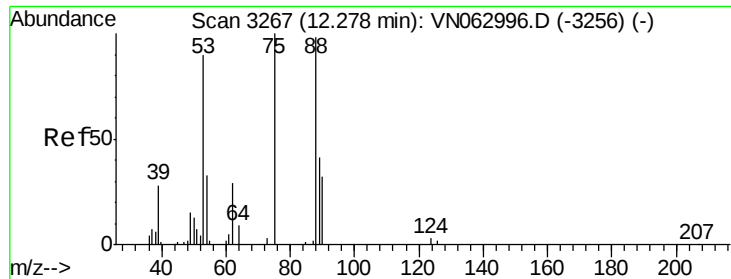
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#80
 1,3,5-Trimethylbenzene
 Concen: 4.616 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion: 105 Resp: 29708
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.614 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

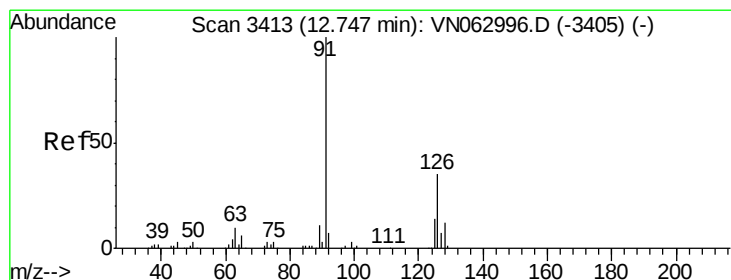
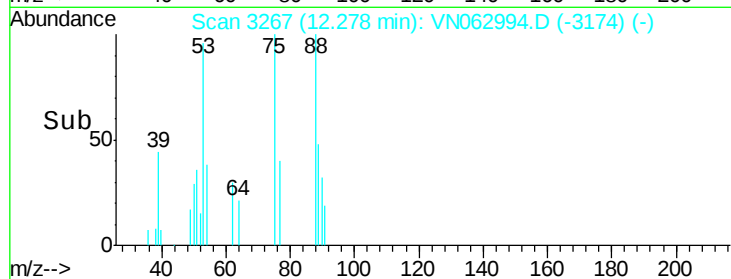
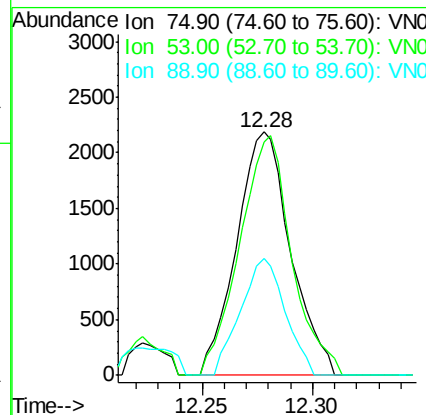
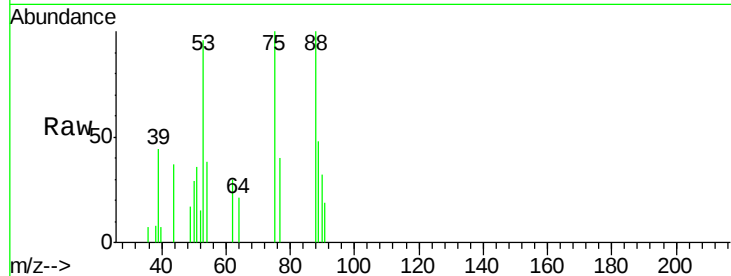
ClientSampled :

VSTDIC005

Tot Ion:	75	Resp:	3713
Ion	Ratio	Lower	Upper
75	100		
53	95.0	69.2	103.8
89	39.6	34.2	51.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 4.816 ug/l

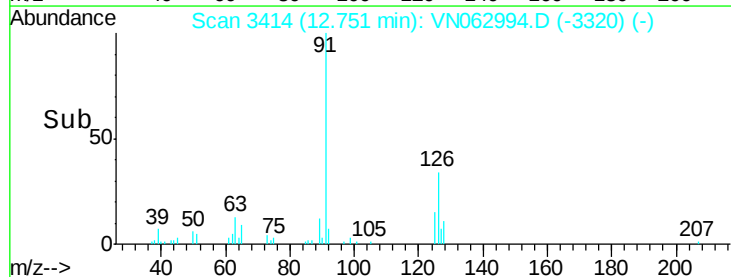
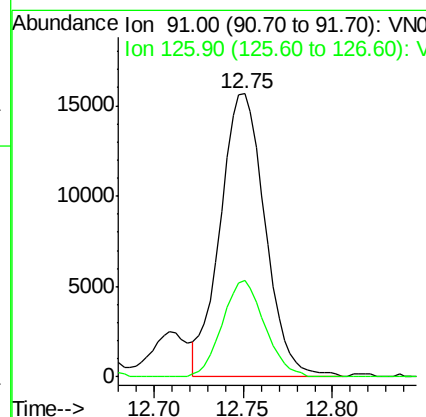
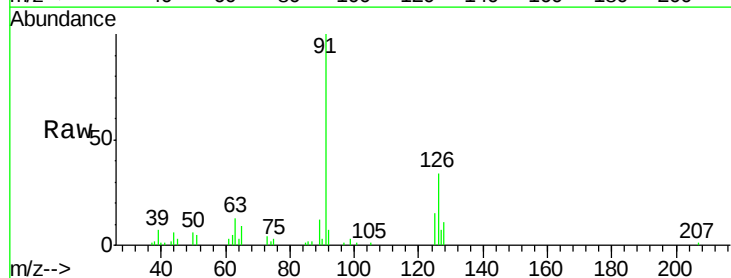
RT: 12.75 min Scan# 3414

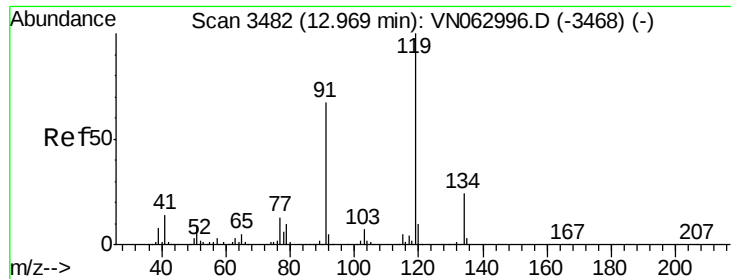
Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Tgt Ion:	91	Resp:	27372
Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.5	49.5





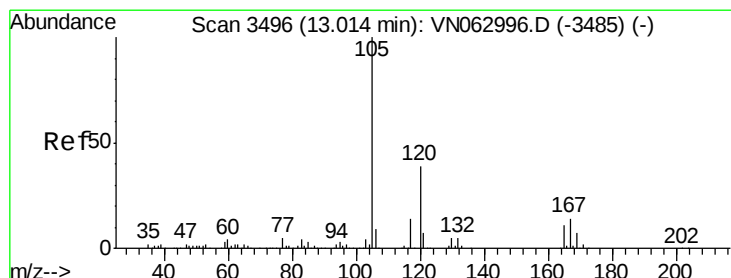
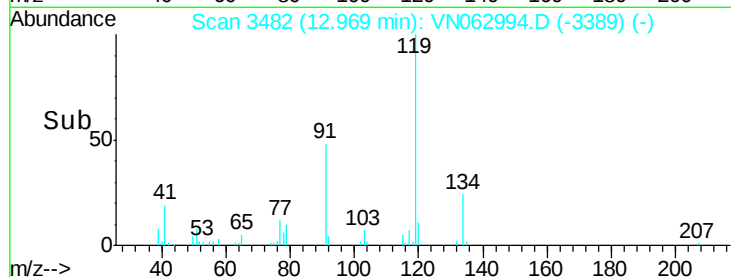
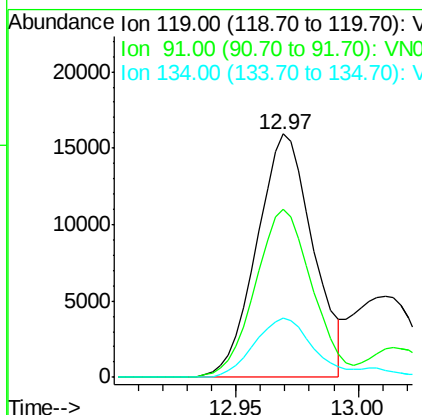
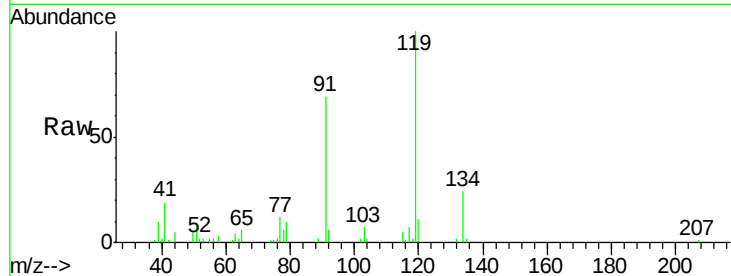
#83
 tert-Butylbenzene
 Concen: 4.584 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.0	32.5	97.4
134	25.3	13.1	39.3

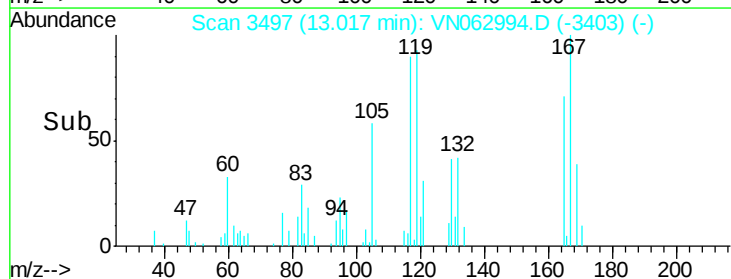
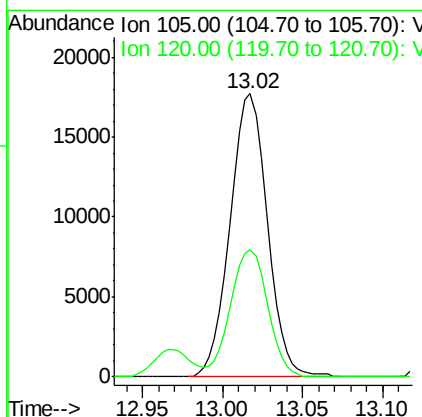
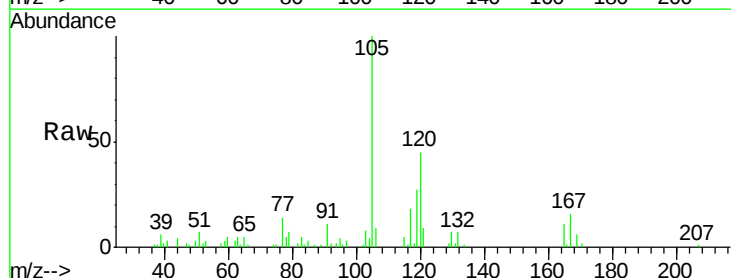
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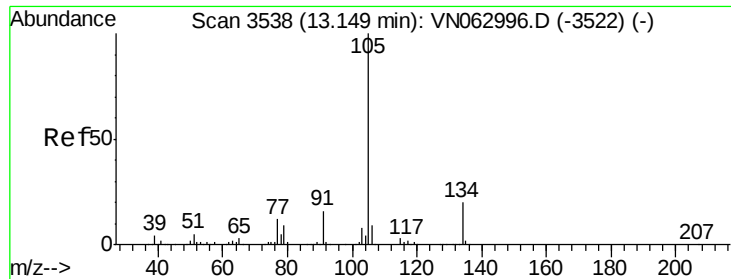
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.487 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.5	67.5





#85

sec-Butylbenzene

Concen: 4.757 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 35714

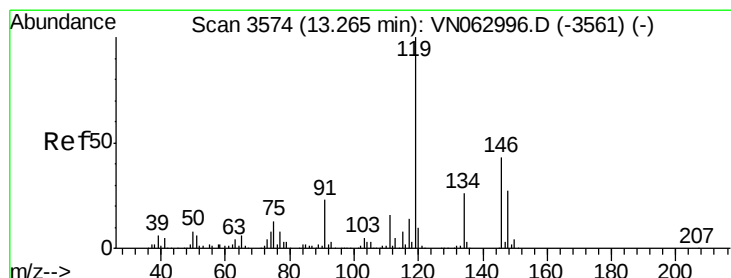
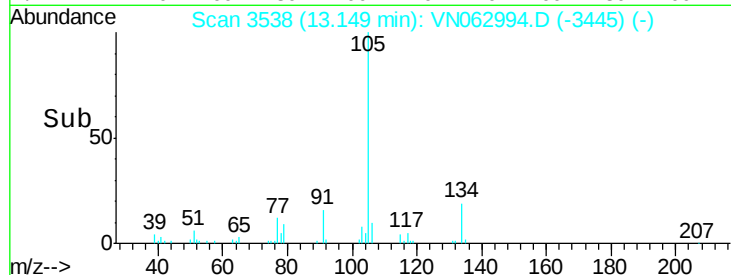
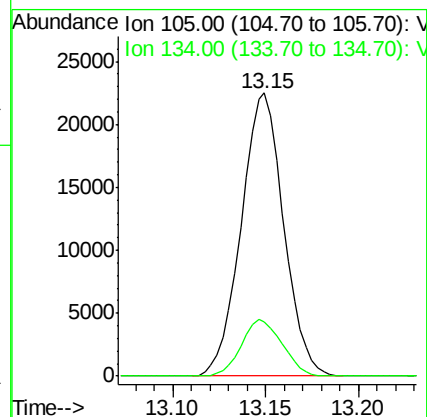
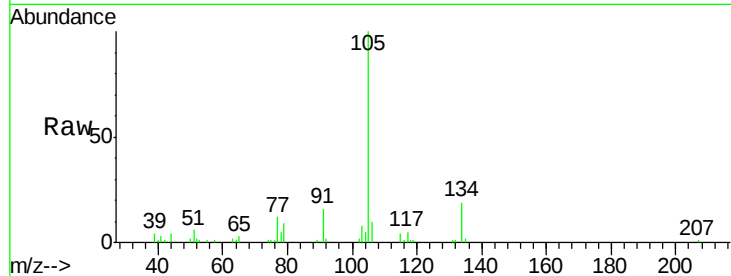
Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 4.421 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

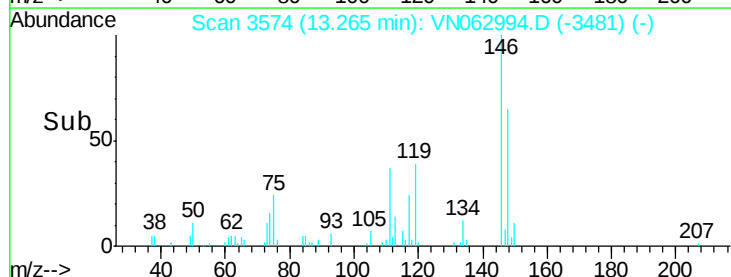
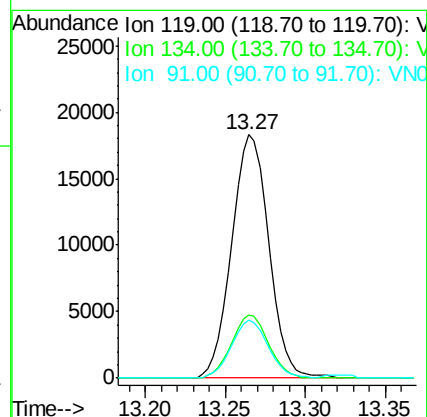
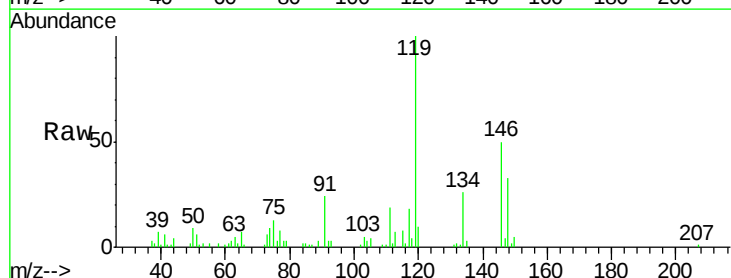
Tgt Ion:119 Resp: 28923

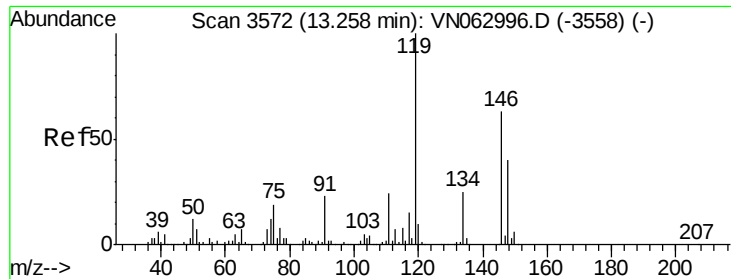
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 23.6 11.5 34.4





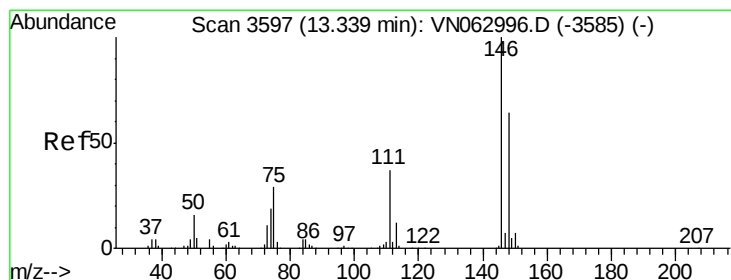
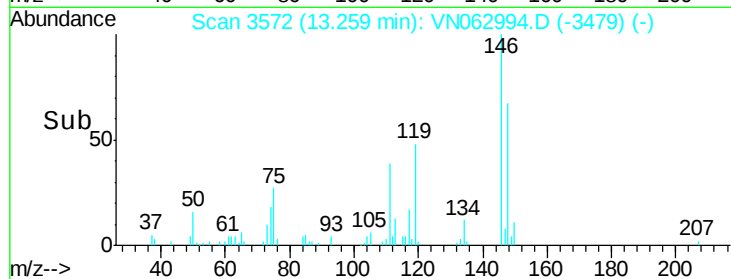
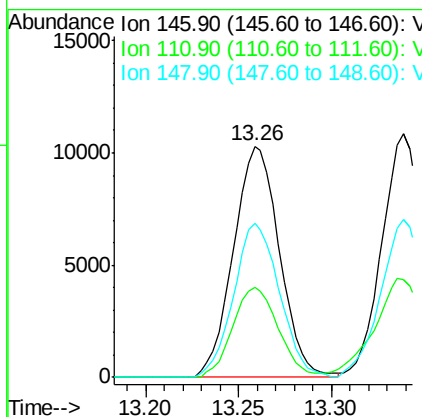
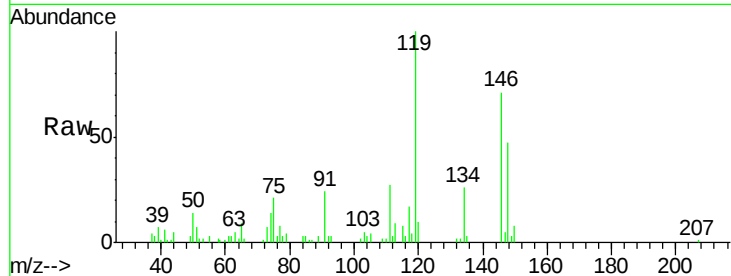
#87
 1,3-Dichlorobenzene
 Concen: 4.817 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.1
148	66.2	32.0	96.0

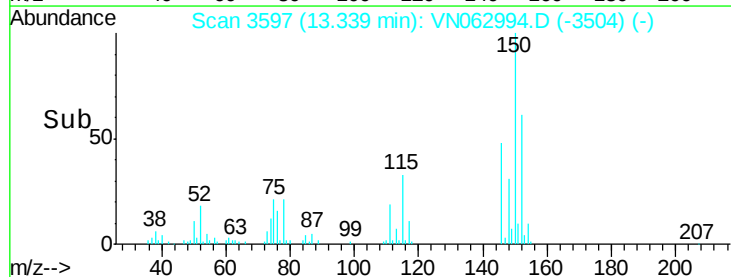
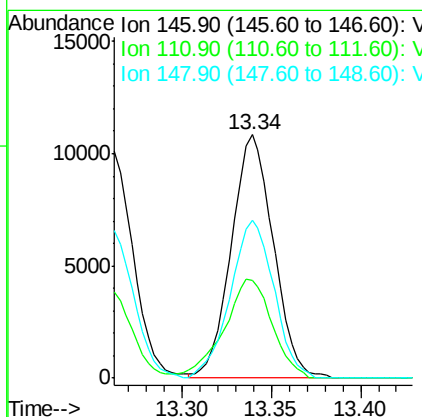
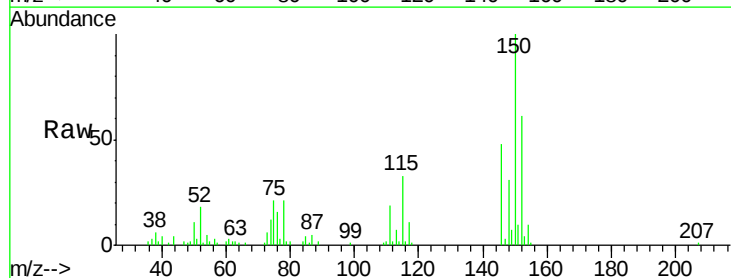
Manual Integrations
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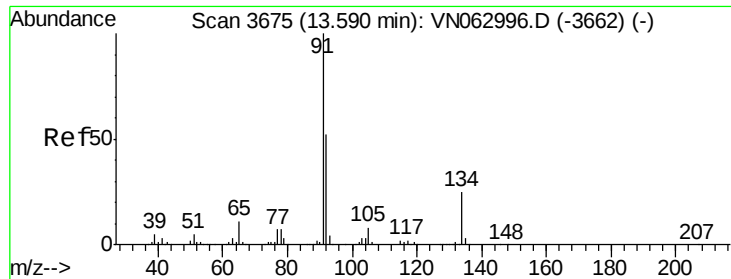
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#88
 1,4-Dichlorobenzene
 Concen: 4.771 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.5	18.8	56.4
148	67.0	32.4	97.0





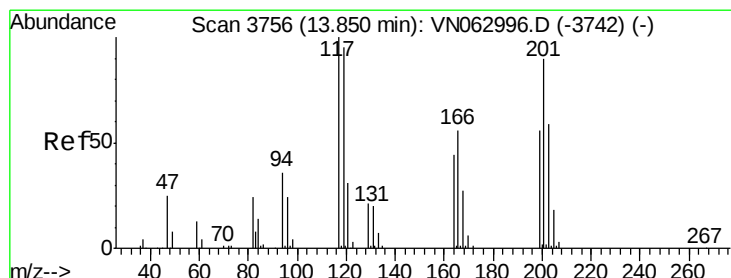
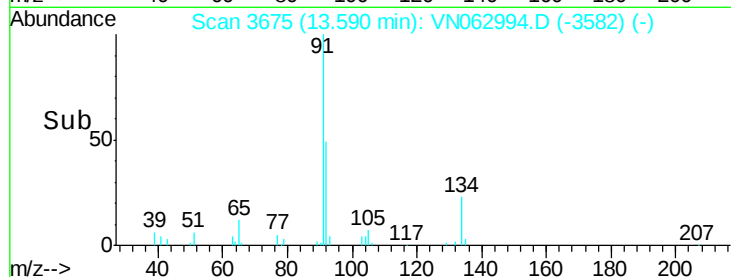
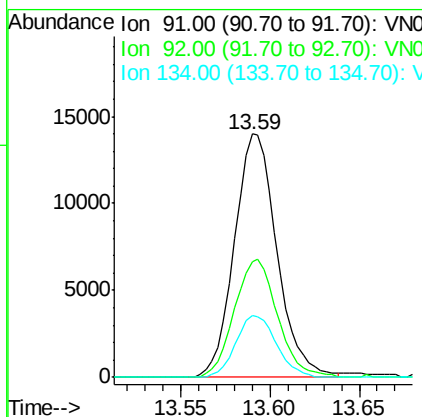
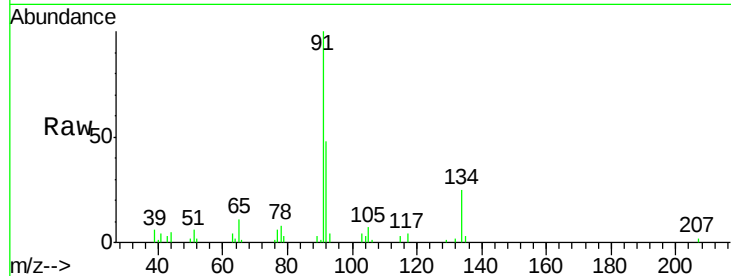
#89
n-Butylbenzene
Concen: 4.231 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.0	25.9	77.6
134	24.2	12.4	37.0

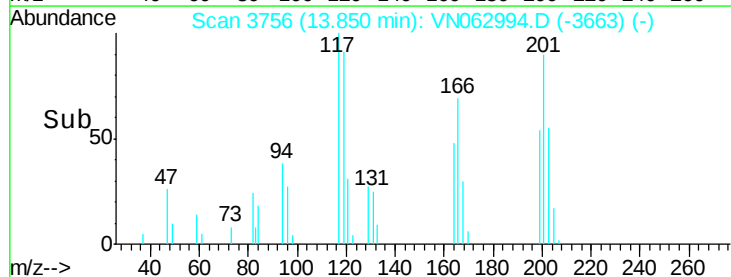
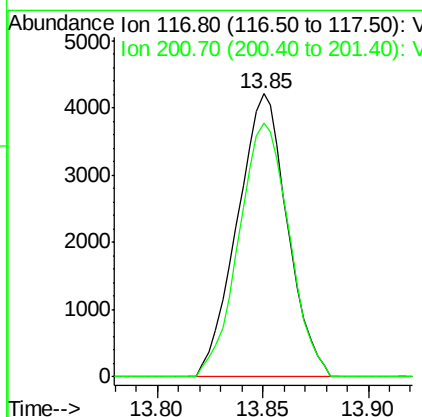
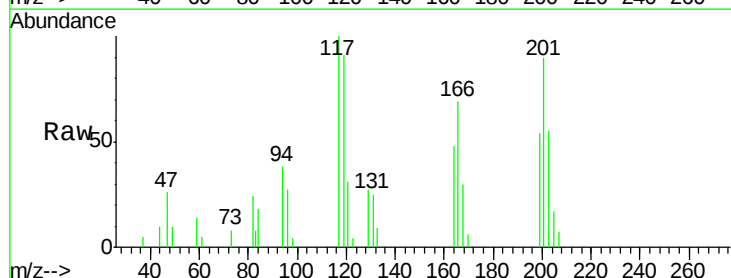
Manual Integrations
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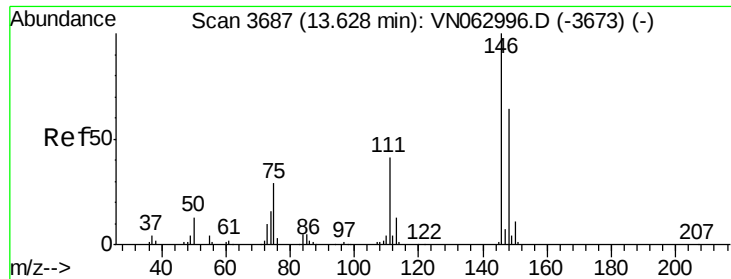
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#90
Hexachloroethane
Concen: 5.010 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	44.1	132.4





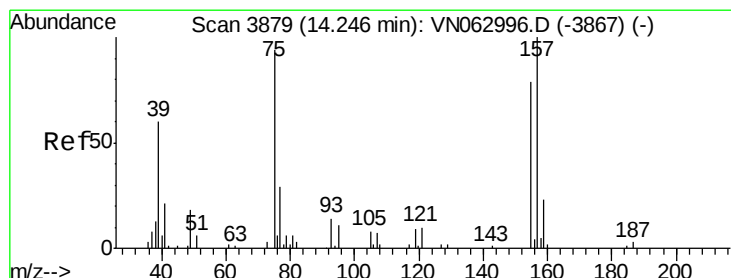
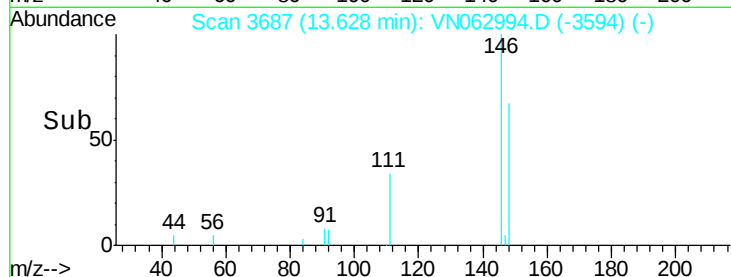
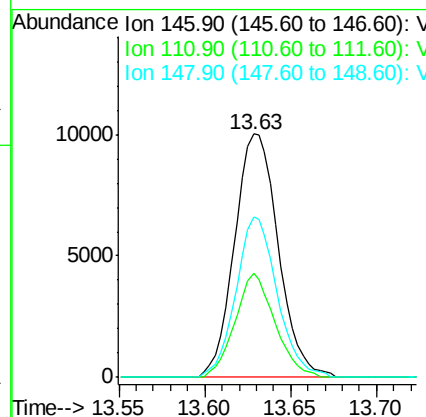
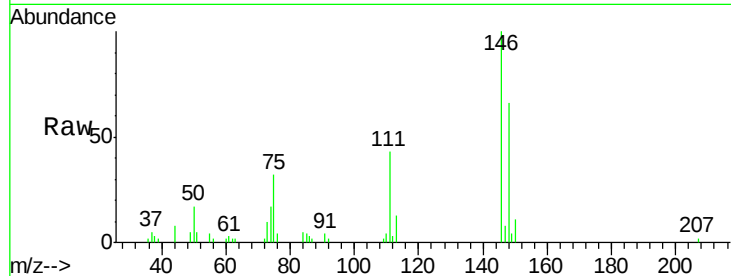
#91
 1,2-Dichlorobenzene
 Concen: 4.973 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.2	60.5
148	62.3	31.9	95.5

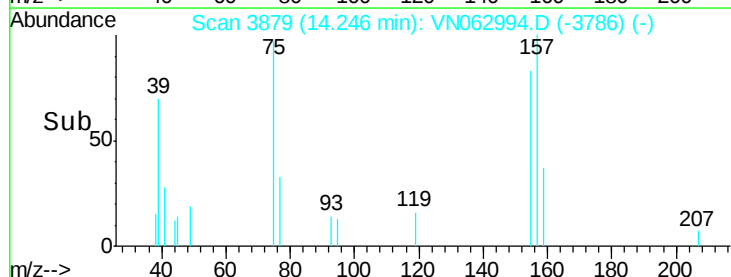
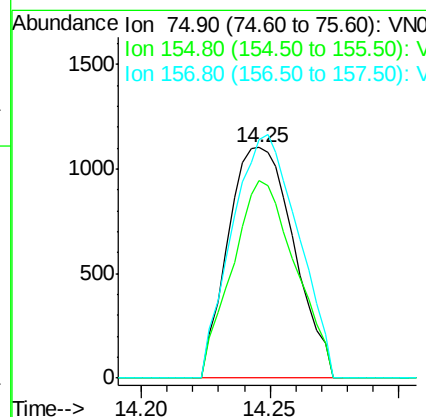
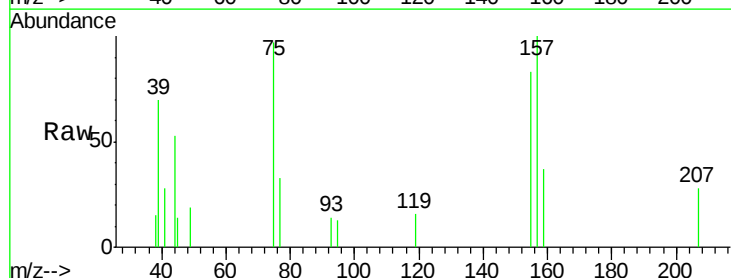
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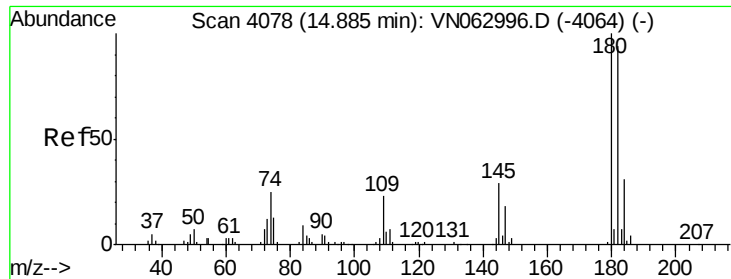
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.988 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.4	42.4	127.1
157	106.6	55.2	165.6





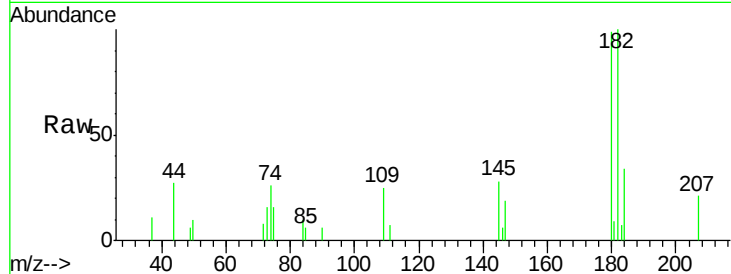
#93
 1,2,4-Trichlorobenzene
 Concen: 3.402 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

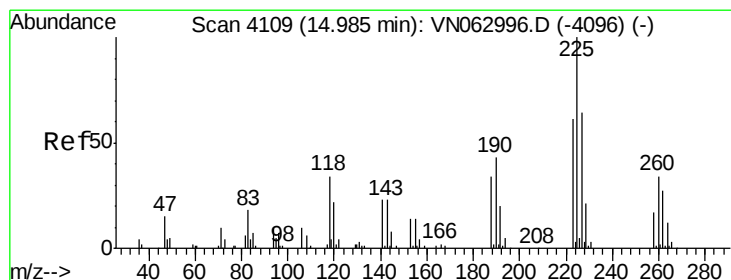
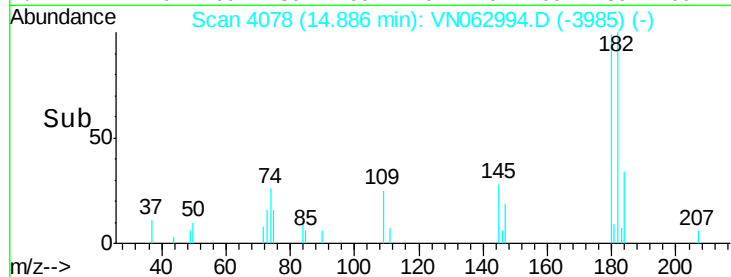
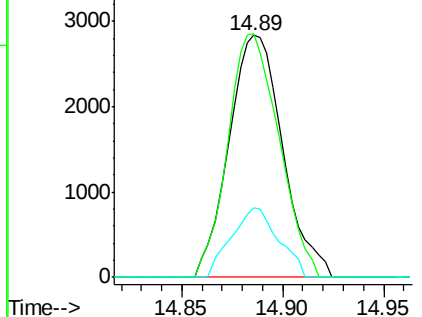
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.0	141.2
145	25.3	14.1	42.4

Manual Integrations
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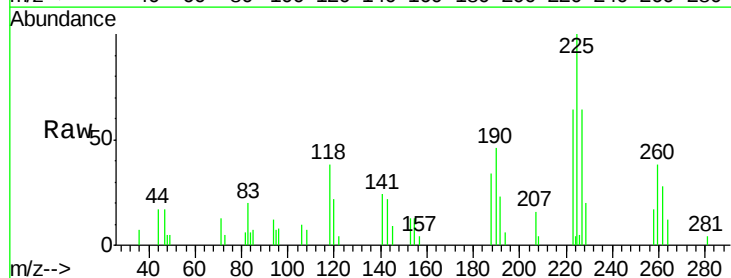


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

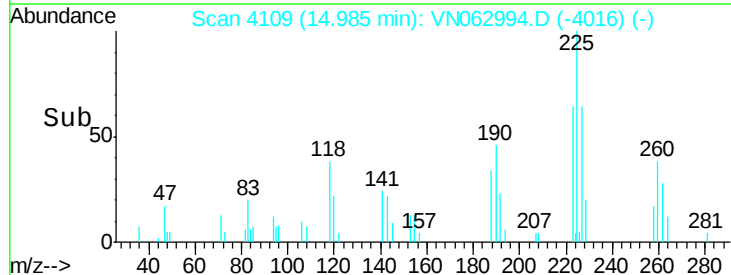
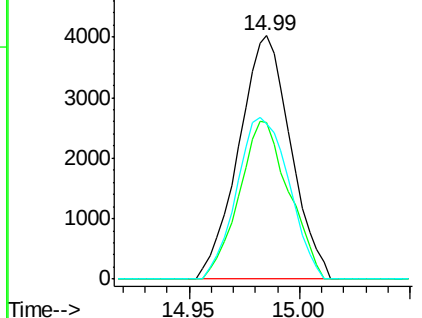


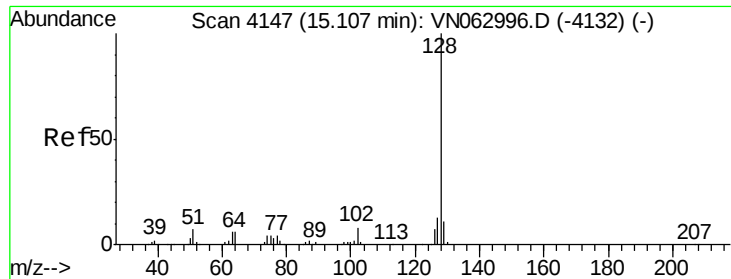
#94
 Hexachlorobutadiene
 Concen: 5.004 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	30.9	92.5
227	66.7	31.9	95.9



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: 3.132 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

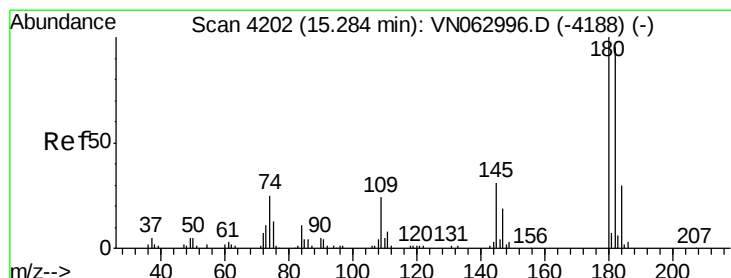
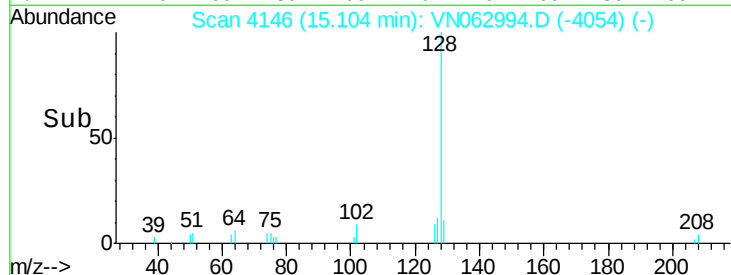
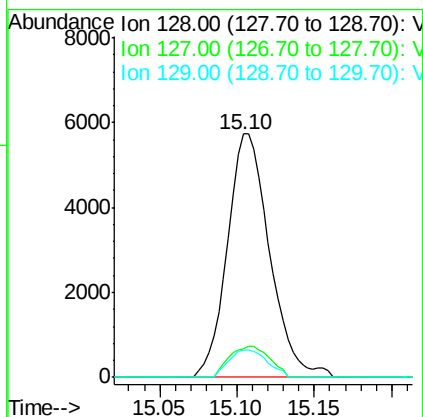
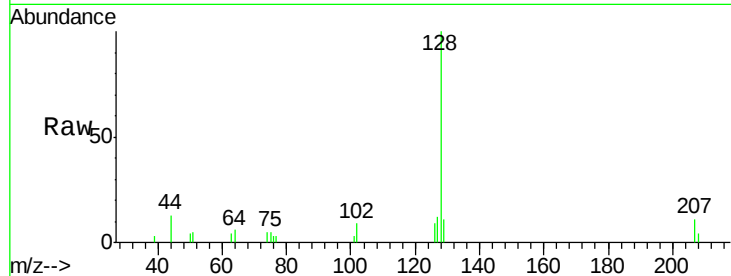
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	10852
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.6	16.0
129	10.2	8.9	13.3

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#96

1,2,3-Trichlorobenzene

Concen: 3.539 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Tgt Ion:	180	Resp:	5520
Ion Ratio	Lower	Upper	
180	100		
182	89.1	47.3	141.9
145	28.1	15.6	46.7

