

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063649.D
 Acq On : 25 Sep 2020 00:38
 Operator : JC/MD
 Sample : VN0924WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Manual Integrations
 APPROVED

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 9/28/2020 5:17:28 PM

Quant Time: Sep 25 05:57:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	246757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	434073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185909	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	204159	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.55	113	139530	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
50) Toluene-d8	10.06	98	520673	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
62) 4-Bromofluorobenzene	12.38	95	192744	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45344	16.220	ug/l	99
3) Chloromethane	2.04	50	57310	15.497	ug/l	99
4) Vinyl Chloride	2.17	62	56028	17.100	ug/l	99
5) Bromomethane	2.54	94	37969	19.517	ug/l	95
6) Chloroethane	2.68	64	37263	18.527	ug/l	98
7) Trichlorofluoromethane	2.99	101	90833	18.581	ug/l	100
8) Diethyl Ether	3.38	74	33458	17.557	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49370	17.958	ug/l	99
10) Methyl Iodide	3.91	142	58264	16.278	ug/l	97
11) Tert butyl alcohol	4.73	59	43453	74.673	ug/l	99
12) 1,1-Dichloroethene	3.69	96	46570	16.724	ug/l	98
13) Acrolein	3.58	56	15121	70.119	ug/l #	53
14) Allyl chloride	4.28	41	86720	15.744	ug/l	95
15) Acrylonitrile	4.93	53	126591	85.523	ug/l	99
16) Acetone	3.78	43	121140	89.736	ug/l	99
17) Carbon Disulfide	4.01	76	118566	14.638	ug/l	97
18) Methyl Acetate	4.28	43	62492	18.235	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	175450	16.905	ug/l	98
20) Methylene Chloride	4.51	84	58150	17.002	ug/l	91
21) trans-1,2-Dichloroethene	4.99	96	52086	16.883	ug/l	98
22) Diisopropyl ether	5.90	45	194210	17.288	ug/l	98
23) Vinyl Acetate	5.85	43	771487	83.623	ug/l	100
24) 1,1-Dichloroethane	5.80	63	106299	17.332	ug/l	99
25) 2-Butanone	6.79	43	176716	85.115	ug/l	100
26) 2,2-Dichloropropane	6.78	77	71899	13.315	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	60379	17.291	ug/l	99
28) Bromochloromethane	7.15	49	48694	17.195	ug/l	98
29) Tetrahydrofuran	7.17	42	120643	85.080	ug/l	96
30) Chloroform	7.33	83	111166	18.066	ug/l	100
31) Cyclohexane	7.62	56	89243	15.383	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	96036	17.548	ug/l	97
36) 1,1-Dichloropropene	7.75	75	75593	16.346	ug/l	99
37) Ethyl Acetate	6.88	43	78152	17.219	ug/l	97
38) Carbon Tetrachloride	7.74	117	83165	17.617	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	72695	14.484	ug/l	95
40) Benzene	8.00	78	230321	17.447	ug/l	97
41) Methacrylonitrile	7.14	41	36633m	17.946	ug/l	
42) 1,2-Dichloroethane	8.09	62	98173	18.493	ug/l	98
43) Isopropyl Acetate	8.13	43	129447	15.950	ug/l	100
44) Trichloroethene	8.80	130	55510	17.337	ug/l	99
45) 1,2-Dichloropropane	9.09	63	64555	17.955	ug/l	98
46) Dibromomethane	9.18	93	41788	17.684	ug/l	100
47) Bromodichloromethane	9.37	83	86691	17.659	ug/l	99
48) Methyl methacrylate	9.17	41	63369	15.893	ug/l	96
49) 1,4-Dioxane	9.17	88	17518	306.154	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	399011	87.822	ug/l	99
52) Toluene	10.13	92	142764	17.987	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	87257	15.921	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	94247	16.303	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	58416	18.530	ug/l	97
56) Ethyl methacrylate	10.40	69	79055	16.063	ug/l	99
57) 1,3-Dichloropropane	10.68	76	98139	17.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	206526	79.995	ug/l	99
59) 2-Hexanone	10.72	43	278956	84.748	ug/l	100
60) Dibromochloromethane	10.87	129	61396	17.238	ug/l	100
61) 1,2-Dibromoethane	10.98	107	59682	18.222	ug/l	99
64) Tetrachloroethene	10.60	164	52772	19.107	ug/l	96
65) Chlorobenzene	11.41	112	148212	17.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57404	18.188	ug/l	96
67) Ethyl Benzene	11.49	91	270132	16.660	ug/l	100
68) m/p-Xylenes	11.59	106	196551	33.621	ug/l	100
69) o-Xylene	11.92	106	95750	17.193	ug/l	98
70) Styrene	11.94	104	160783	17.216	ug/l	99
71) Bromoform	12.10	173	37937	16.135	ug/l #	100
73) Isopropylbenzene	12.23	105	255302	17.137	ug/l	100
74) N-amyl acetate	12.04	43	110936	15.731	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	80851	17.528	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	78273m	17.010	ug/l	
77) Bromobenzene	12.50	156	60063	17.923	ug/l	97
78) n-propylbenzene	12.57	91	291981	16.827	ug/l	99
79) 2-Chlorotoluene	12.65	91	181516	17.451	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	216718	17.445	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24069	14.341	ug/l	95
82) 4-Chlorotoluene	12.75	91	191783	17.451	ug/l	99
83) tert-Butylbenzene	12.97	119	172231	16.798	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	215611	17.183	ug/l	100
85) sec-Butylbenzene	13.15	105	229408	16.715	ug/l	99
86) p-Isopropyltoluene	13.26	119	198330	16.384	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	108393	17.451	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	106423	16.853	ug/l	94
89) n-Butylbenzene	13.59	91	171107	15.335	ug/l	97
90) Hexachloroethane	13.85	117	36038	15.635	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109057	17.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17245	15.700	ug/l	98

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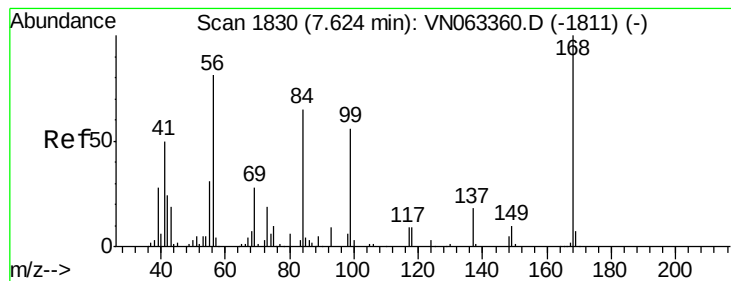
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54389	15.129	ug/l	97
94) Hexachlorobutadiene	14.98	225	26897	18.072	ug/l	96
95) Naphthalene	15.11	128	174789	14.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	53314	15.348	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

Tot Ion:168 Resp: 246757

Ion Ratio Lower Upper

168 100

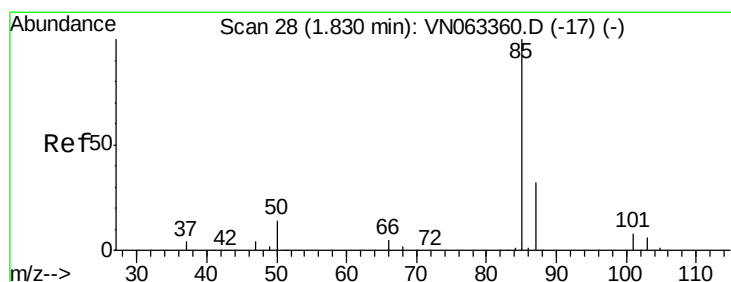
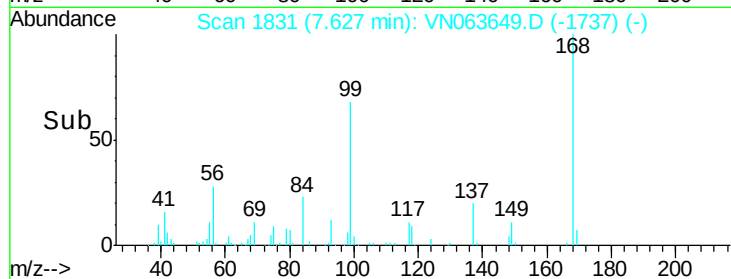
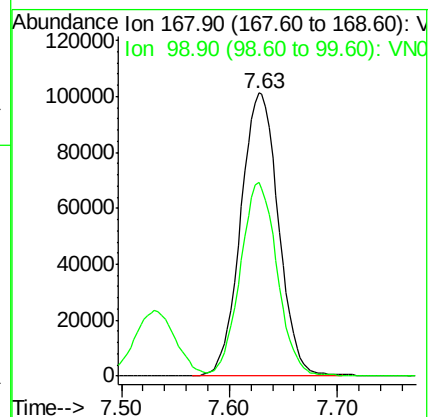
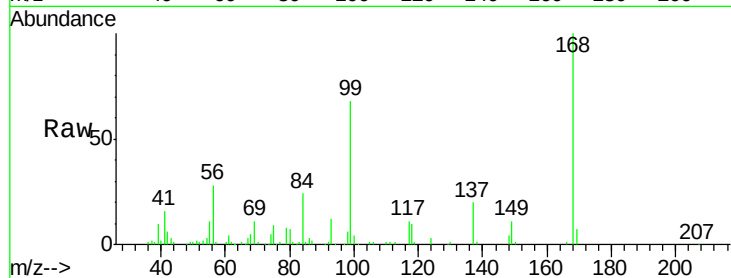
99 68.1 53.0 79.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 16.220 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063649.D

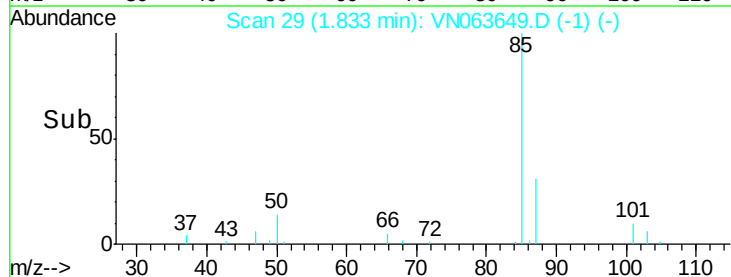
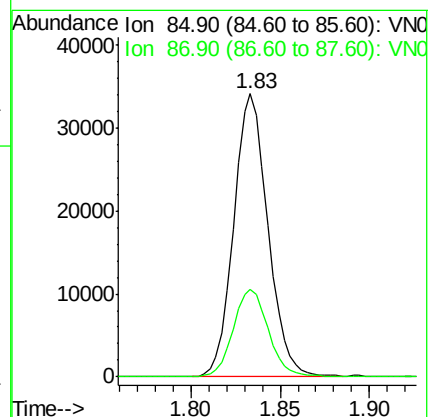
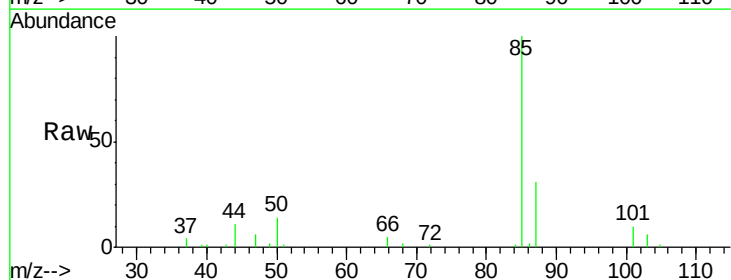
Acq: 25 Sep 2020 00:38

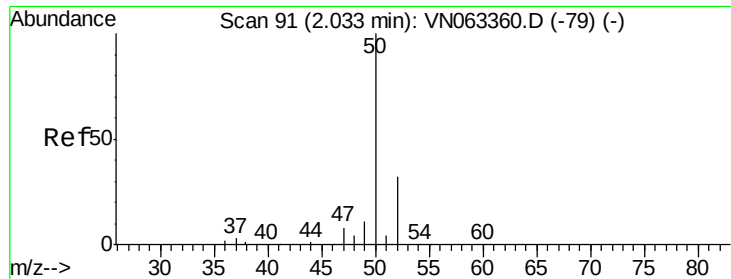
Tgt Ion: 85 Resp: 45344

Ion Ratio Lower Upper

85 100

87 30.9 15.9 47.6





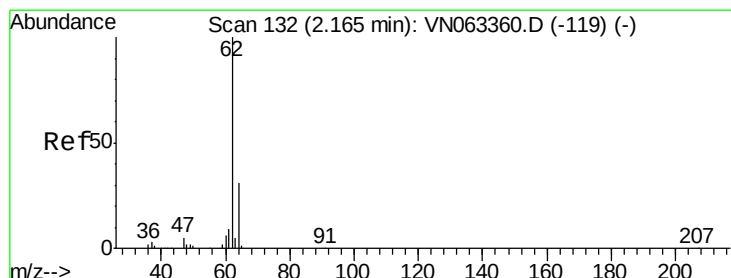
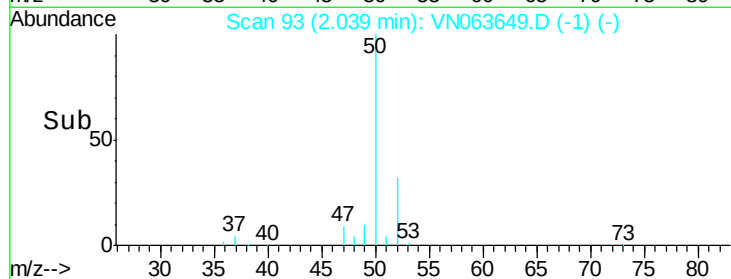
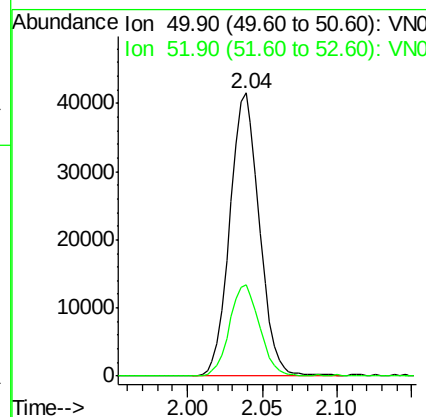
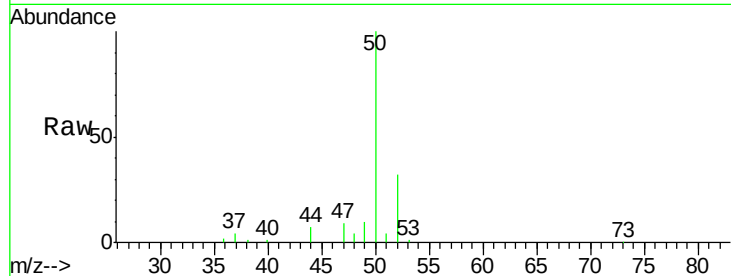
#3
Chloromethane
Concen: 15.497 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.9	38.9

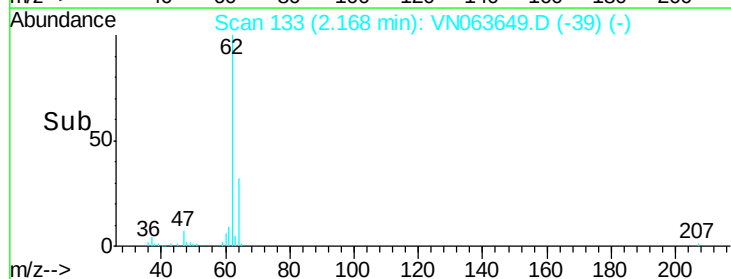
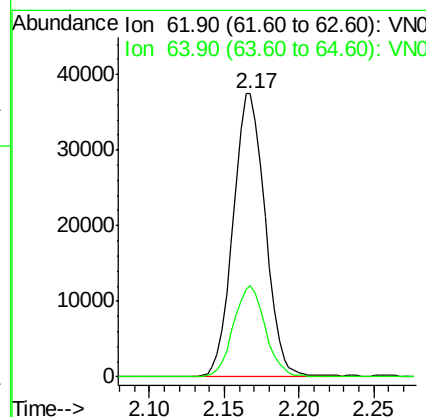
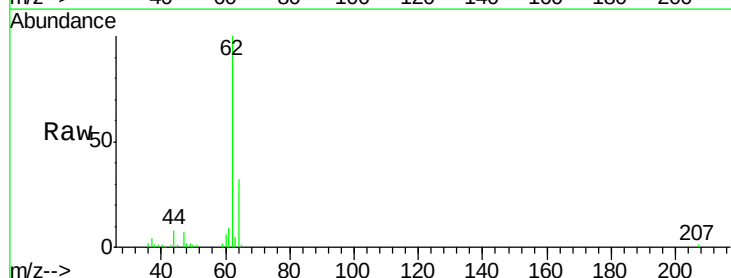
Manual Integrations
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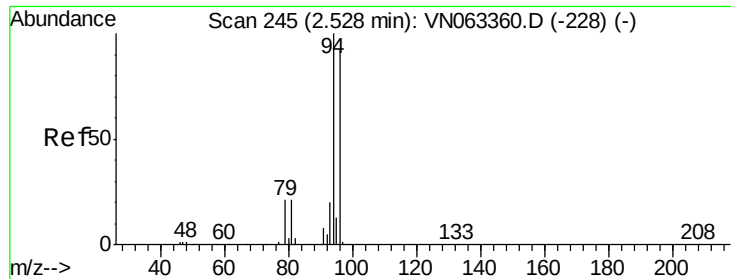
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#4
Vinyl Chloride
Concen: 17.100 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.1	37.7





#5

Bromomethane

Concen: 19.517 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

Tot Ion: 94 Resp: 37969

Ion Ratio Lower Upper

94 100

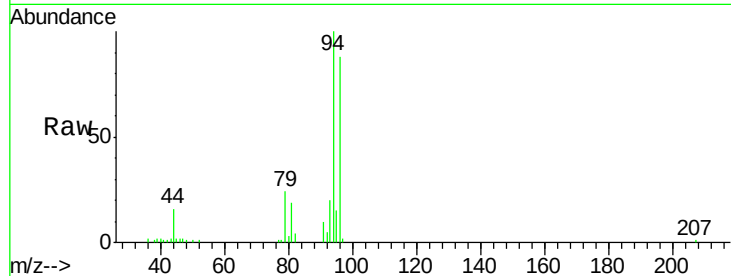
96 88.2 74.5 111.7

Manual Integrations

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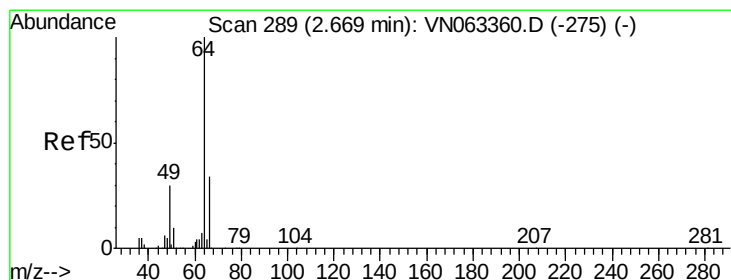
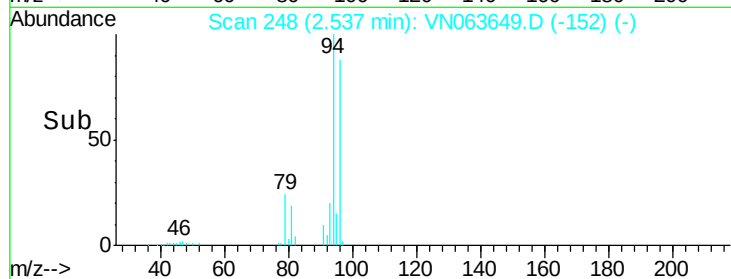
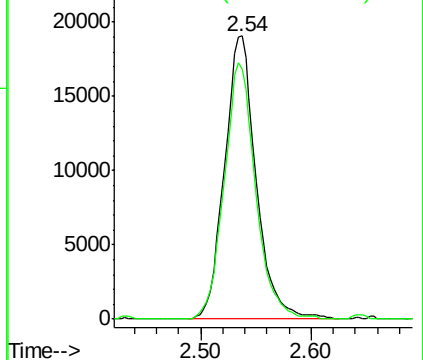
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.527 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063649.D

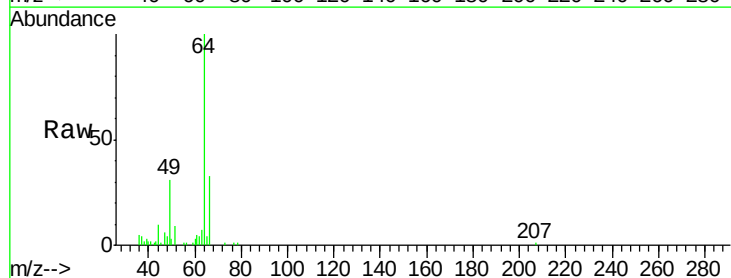
Acq: 25 Sep 2020 00:38

Tgt Ion: 64 Resp: 37263

Ion Ratio Lower Upper

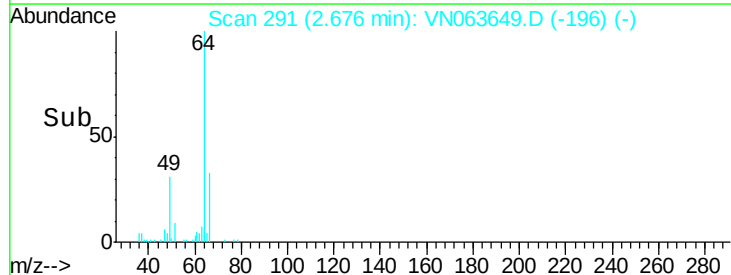
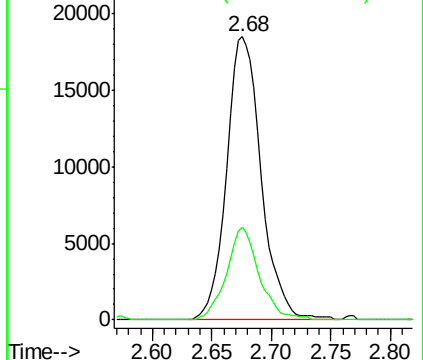
64 100

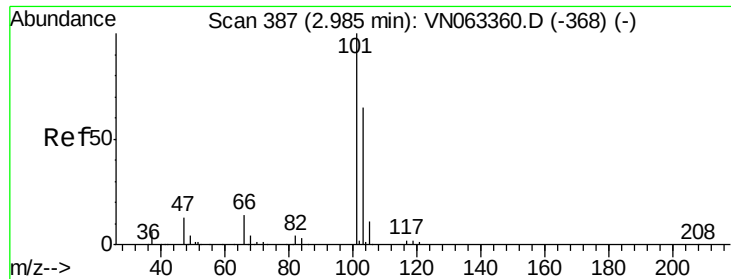
66 32.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

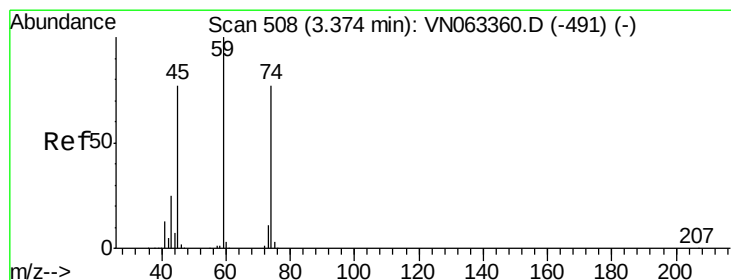
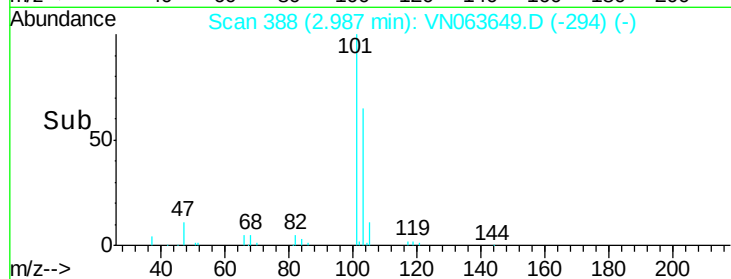
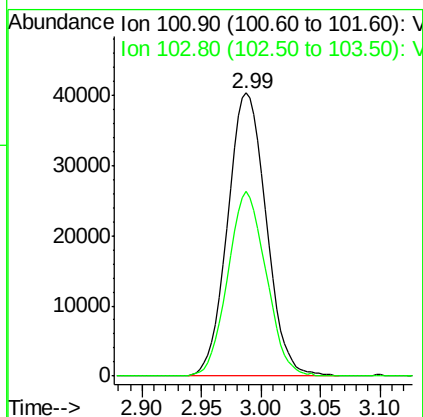
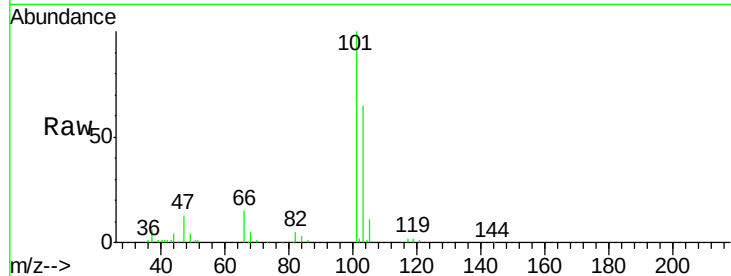
Trichlorofluoromethane
 Concen: 18.581 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
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 ClientSampleId :
 VN0924WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

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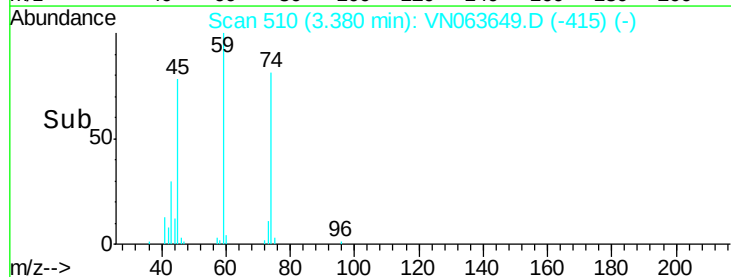
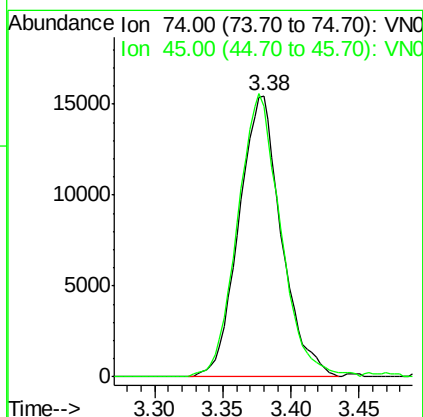
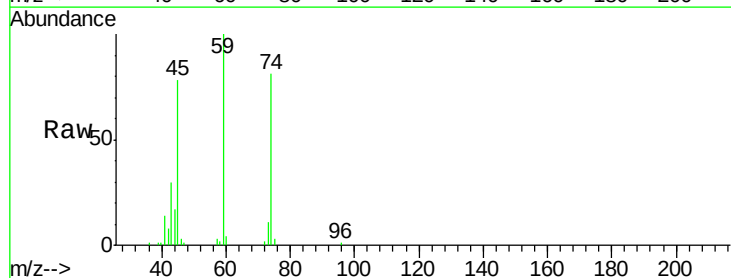
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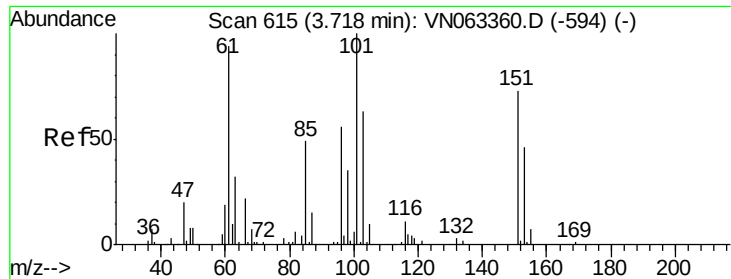


#8

Diethyl Ether
 Concen: 17.557 ug/l
 RT: 3.38 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.9	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.958 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

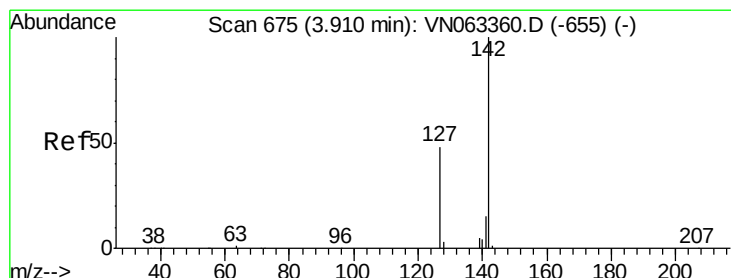
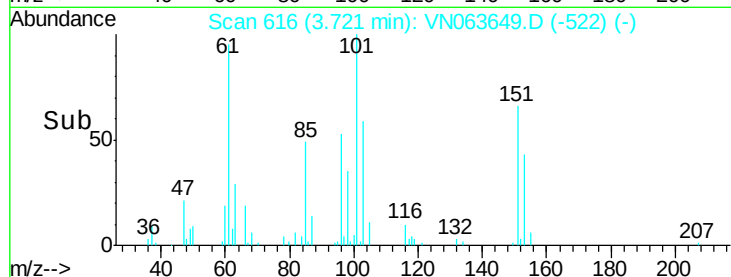
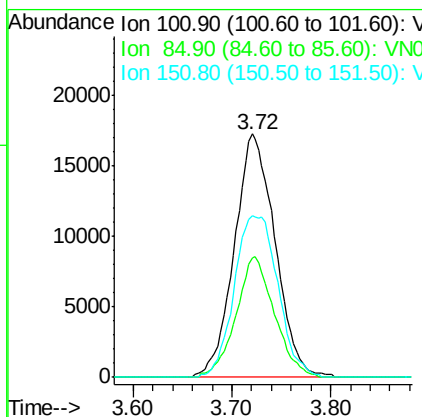
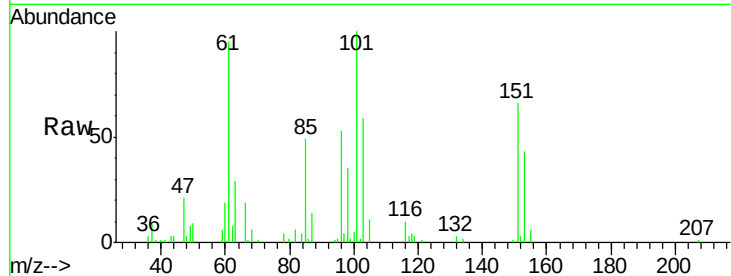
ClientSampleId :

VN0924WBS02

Tot Ion:	101	Resp:	49370
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.7	56.5
151	71.1	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 16.278 ug/l

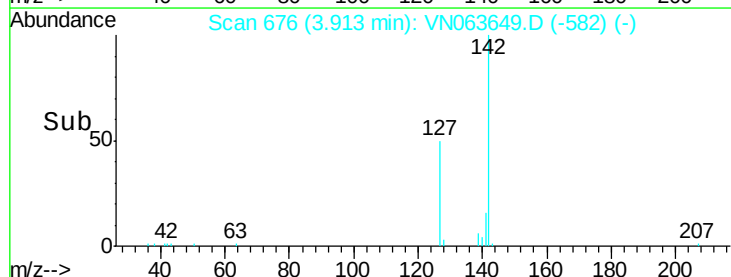
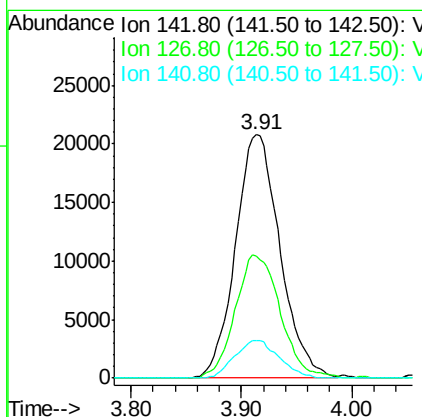
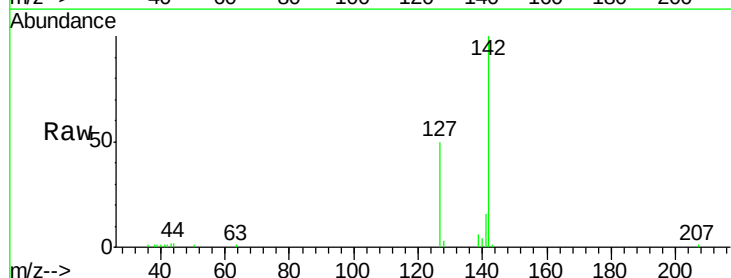
RT: 3.91 min Scan# 676

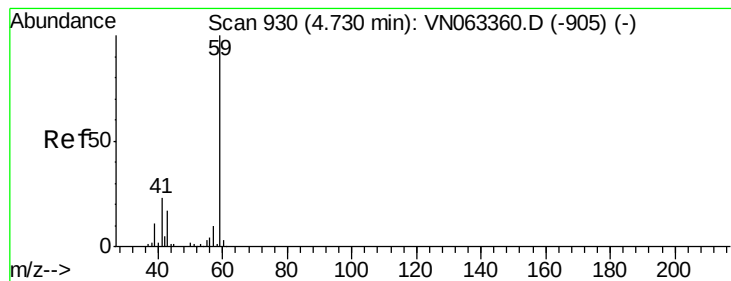
Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Tgt Ion:	142	Resp:	58264
Ion Ratio	Lower	Upper	
142	100		
127	51.1	39.0	58.6
141	15.4	11.6	17.4





#11

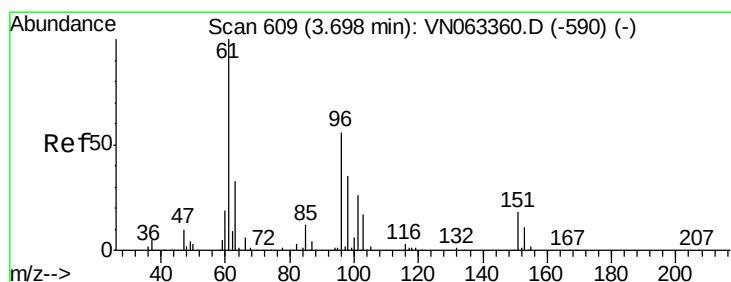
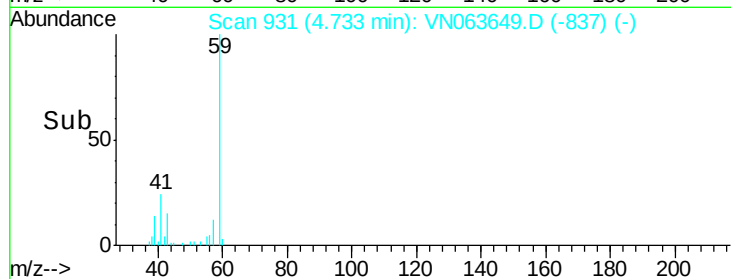
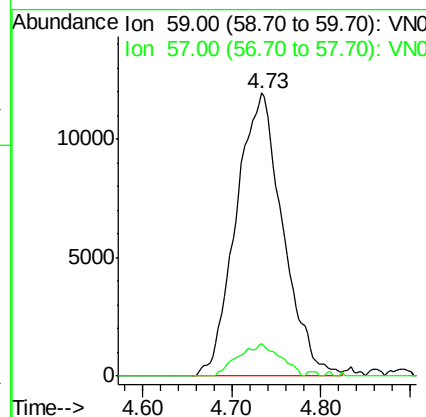
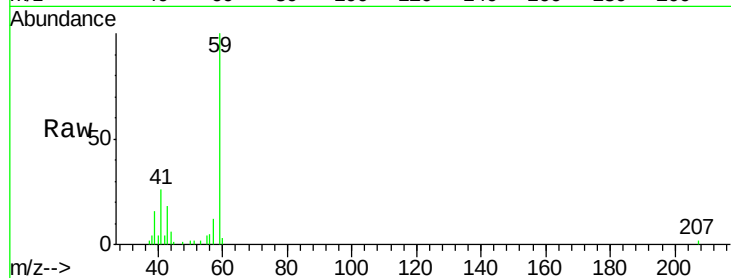
Tert butyl alcohol
 Concen: 74.673 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Tot Ion	59	Resp	43453
Ion Ratio	100	Lower	Upper
57	10.3	8.4	12.6

Manual Integrations
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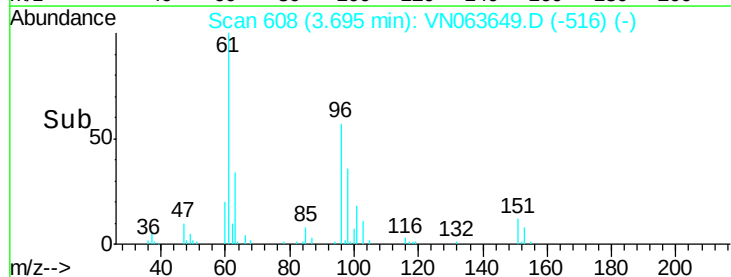
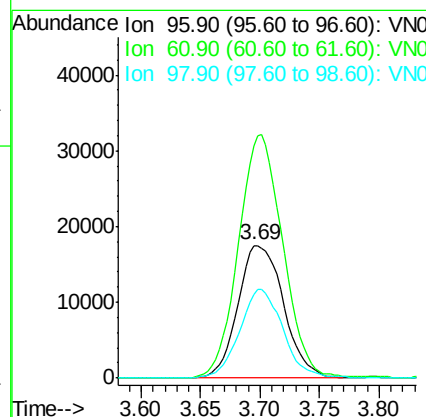
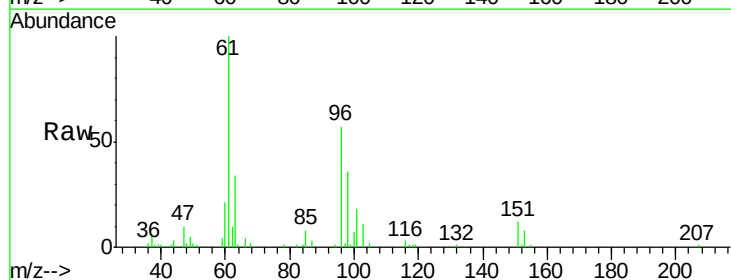
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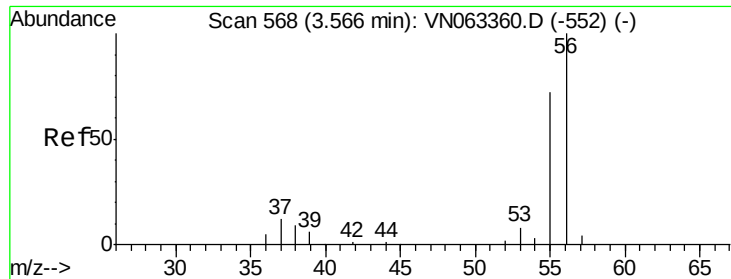


#12

1,1-Dichloroethene
 Concen: 16.724 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion	96	Resp	46570
Ion Ratio	100	Lower	Upper
61	175.0	143.4	215.2
98	63.5	50.6	76.0





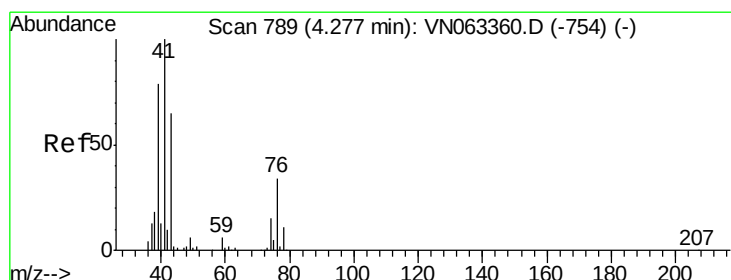
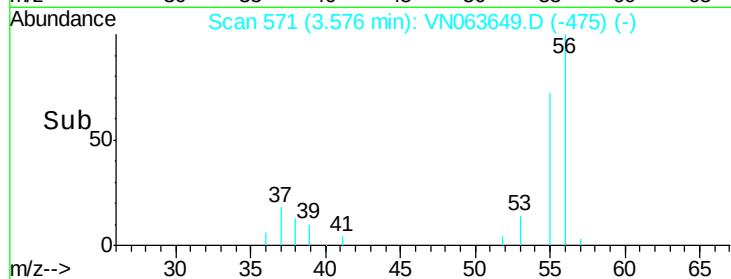
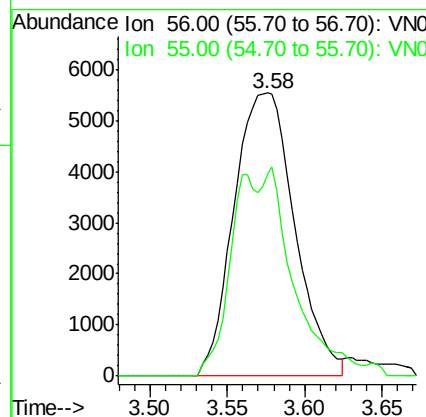
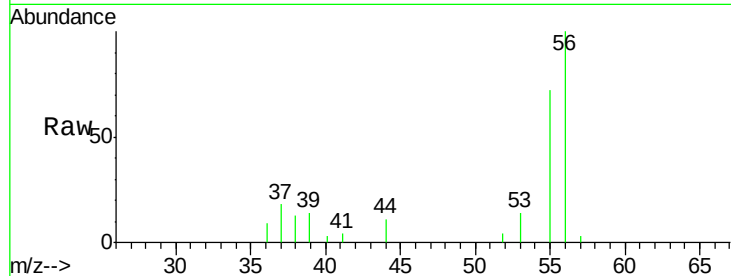
#13
Acrolein
Concen: 70.119 ug/l
RT: 3.58 min Scan# 571
Delta R.T. 0.01 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion: 56 Resp: 15121
Ion Ratio Lower Upper
56 100
55 33.1 58.2 87.2#

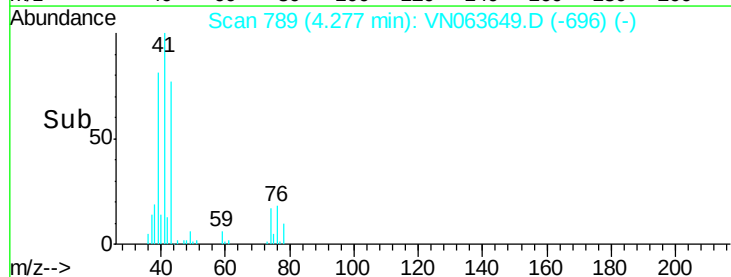
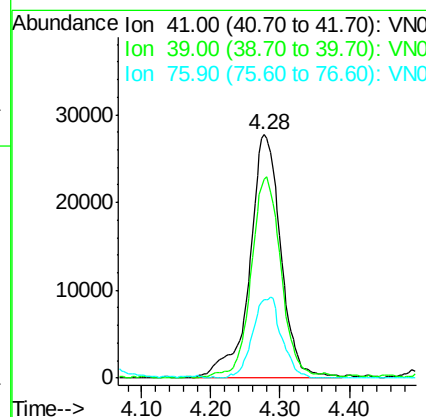
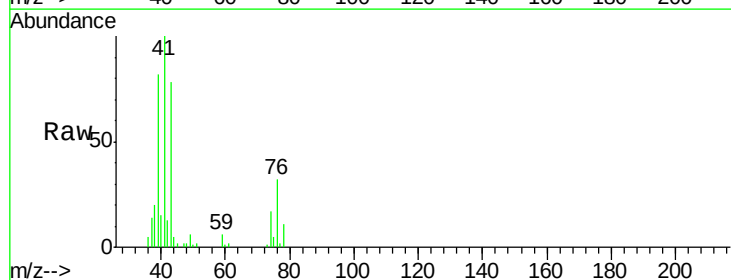
Manual Integrations
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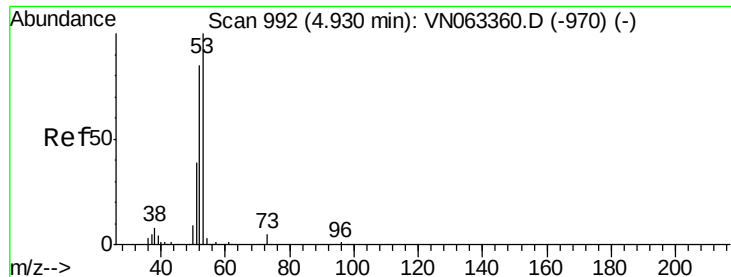
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#14
Allyl chloride
Concen: 15.744 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion: 41 Resp: 86720
Ion Ratio Lower Upper
41 100
39 79.1 59.3 88.9
76 30.8 25.3 37.9





#15

Acrylonitrile

Concen: 85.523 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

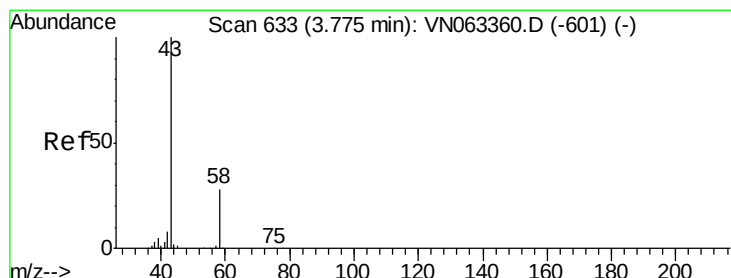
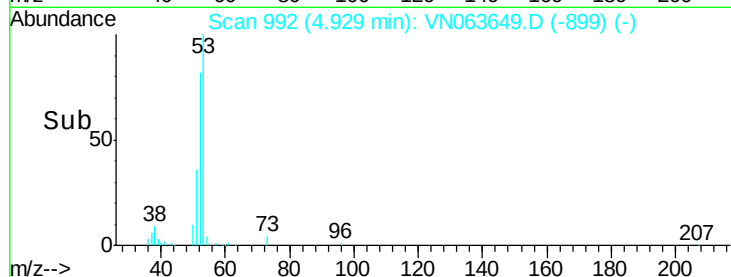
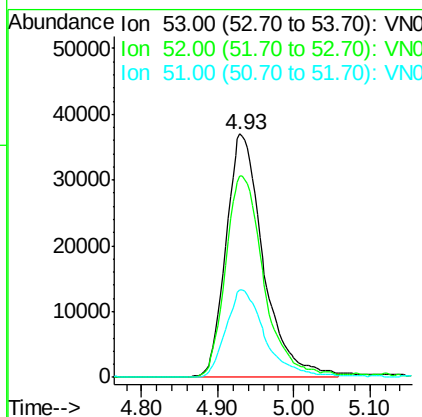
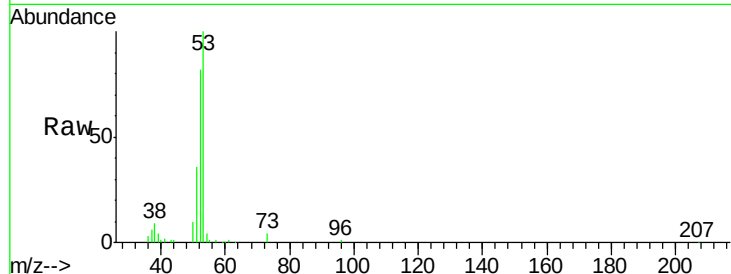
ClientSampleId :

VN0924WBS02

Tot Ion:	53	Resp:	126591
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.4	99.6
51	37.7	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 89.736 ug/l

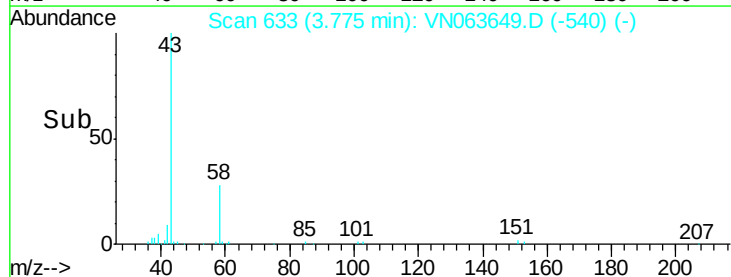
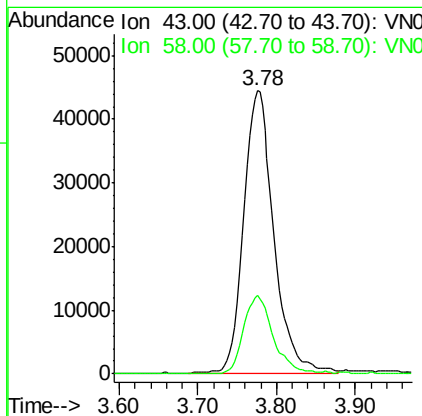
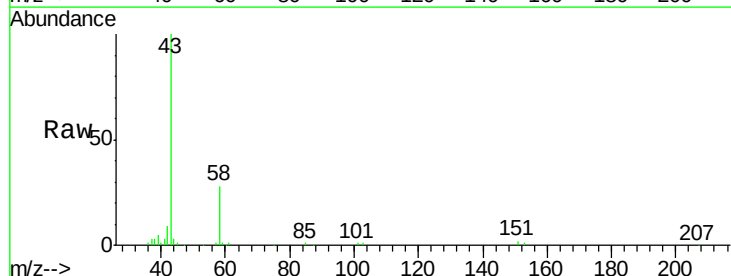
RT: 3.78 min Scan# 633

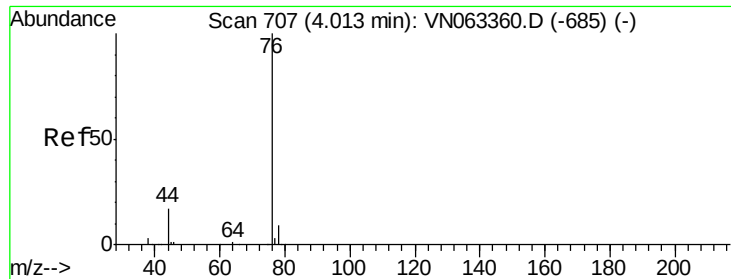
Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Tgt Ion:	43	Resp:	121140
Ion Ratio	Lower	Upper	
43	100		
58	27.6	22.3	33.5





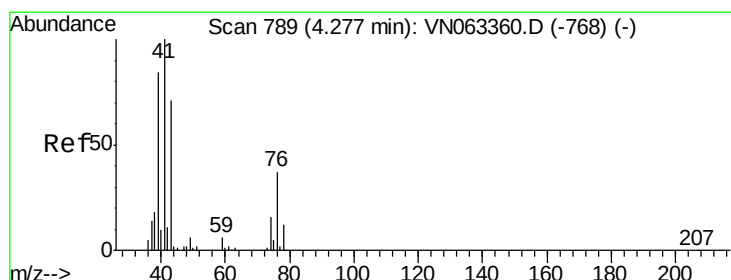
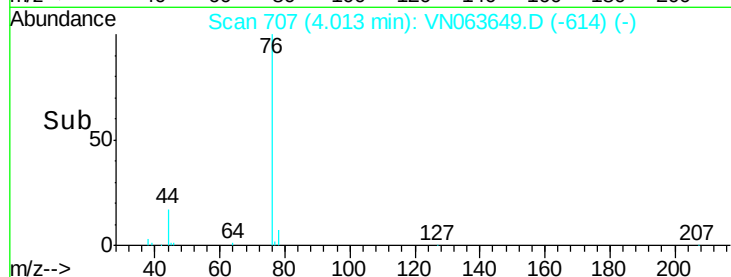
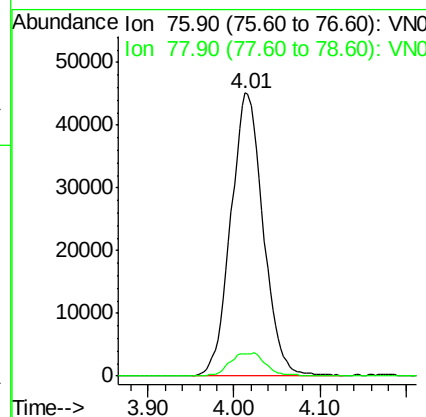
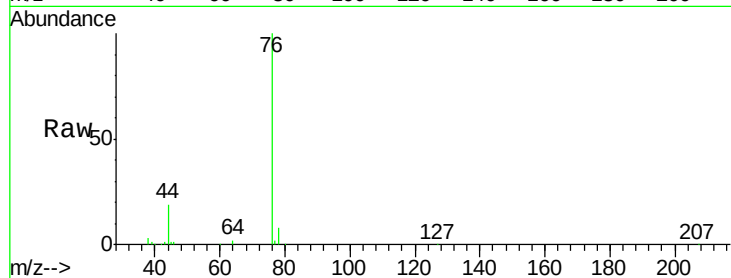
#17
Carbon Disulfide
Concen: 14.638 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion: 76 Resp: 118566
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8

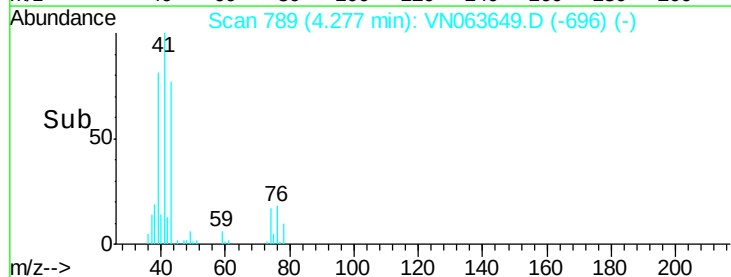
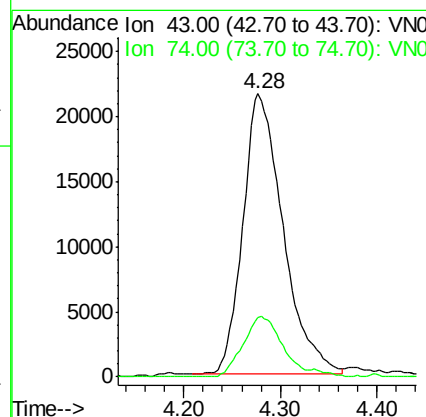
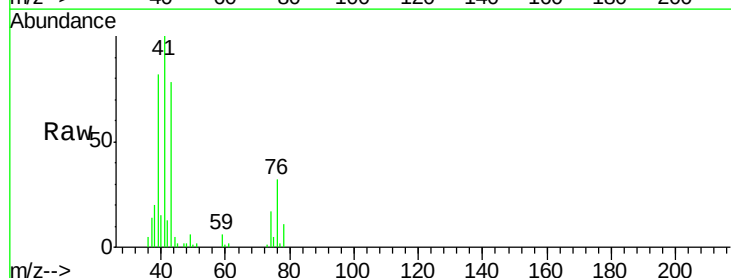
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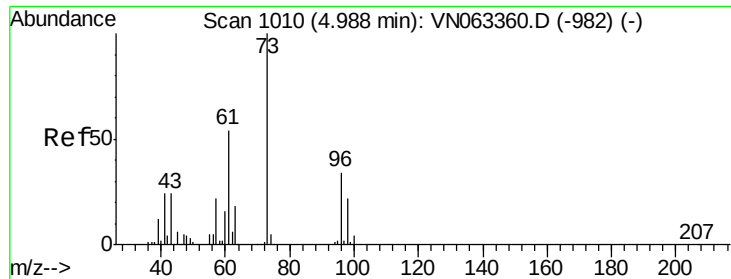
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#18
Methyl Acetate
Concen: 18.235 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion: 43 Resp: 62492
Ion Ratio Lower Upper
43 100
74 20.7 17.4 26.2





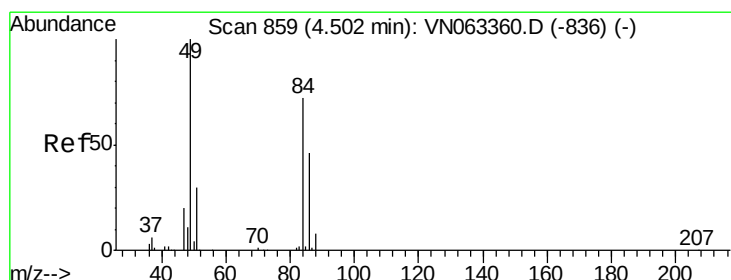
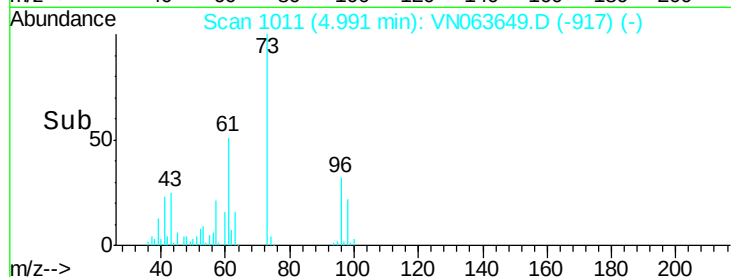
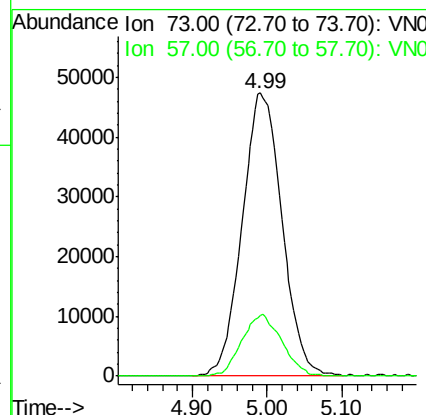
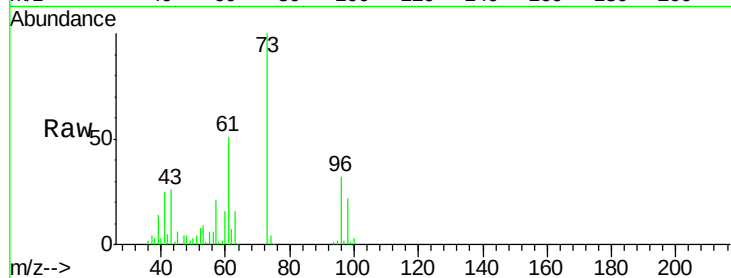
#19
Methvl tert-butyl Ether
Concen: 16.905 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion: 73 Resp: 175450
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9

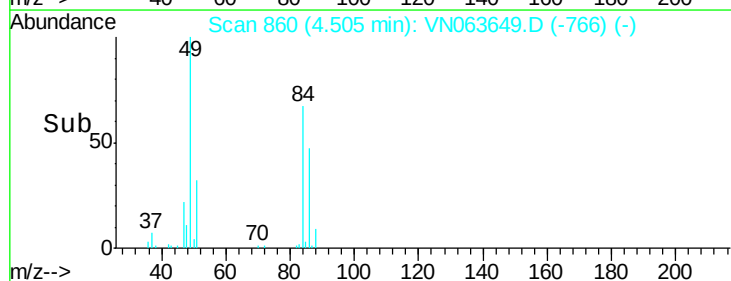
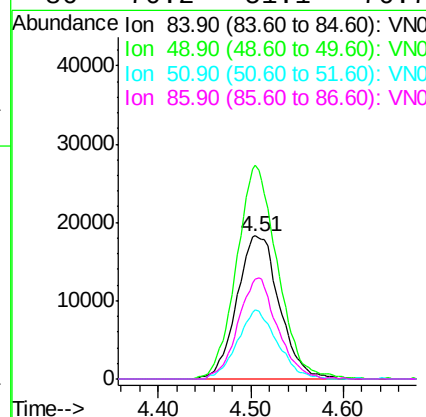
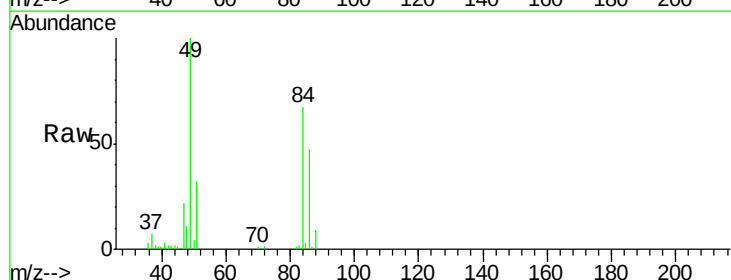
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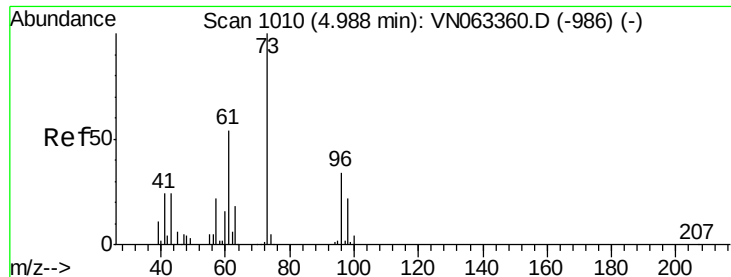
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#20
Methylene Chloride
Concen: 17.002 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion: 84 Resp: 58150
Ion Ratio Lower Upper
84 100
49 149.3 110.7 166.1
51 48.4 32.9 49.3
86 70.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 16.883 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

Tot Ion: 96 Resp: 52086

Ion Ratio Lower Upper

96 100

61 156.4 126.2 189.4

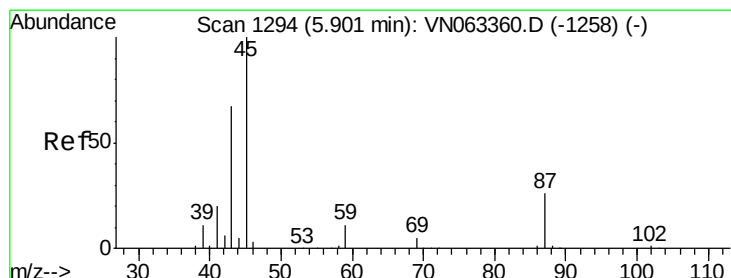
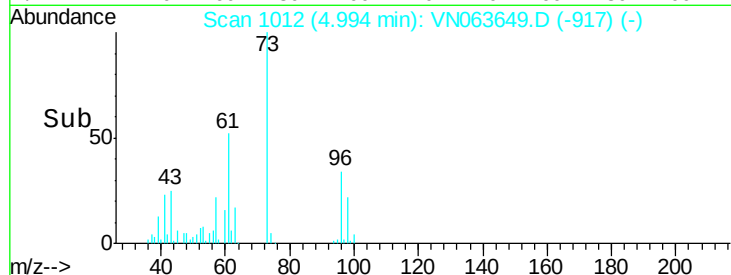
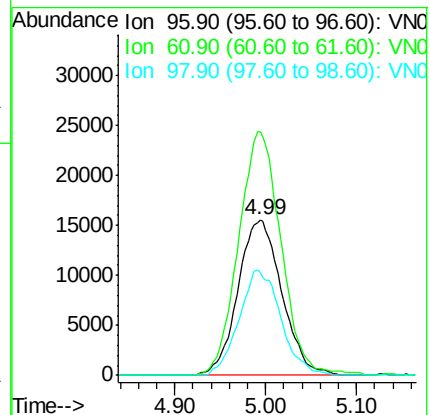
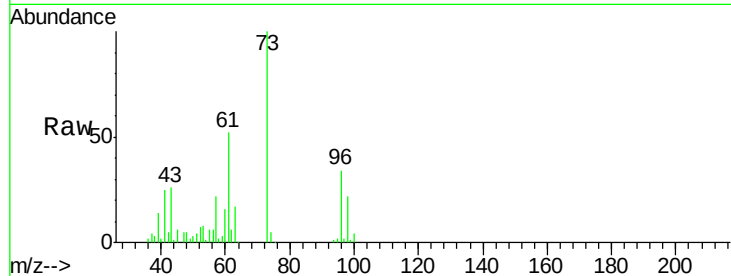
98 66.0 51.0 76.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 17.288 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Tgt Ion: 45 Resp: 194210

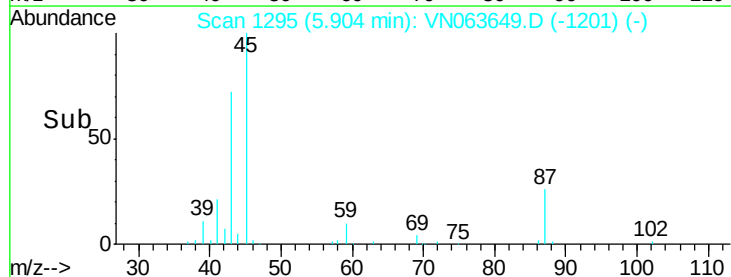
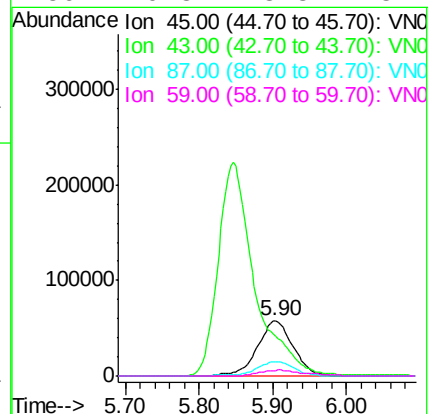
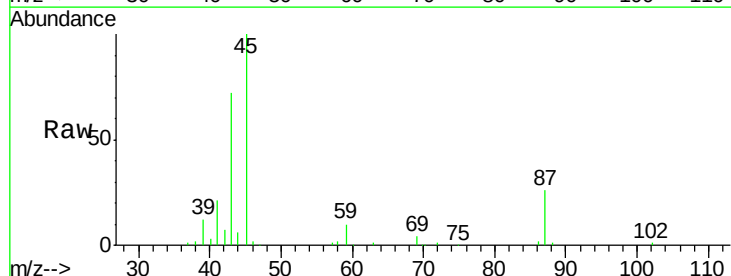
Ion Ratio Lower Upper

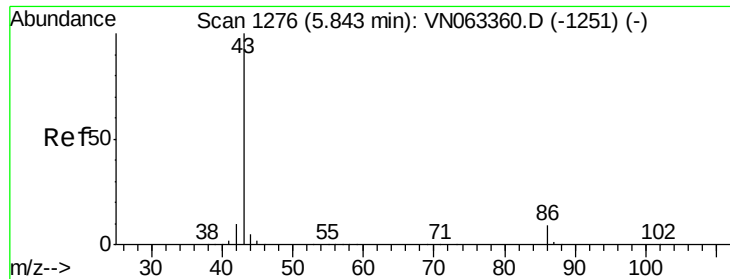
45 100

43 68.8 53.5 80.3

87 26.2 21.2 31.8

59 9.8 8.8 13.2





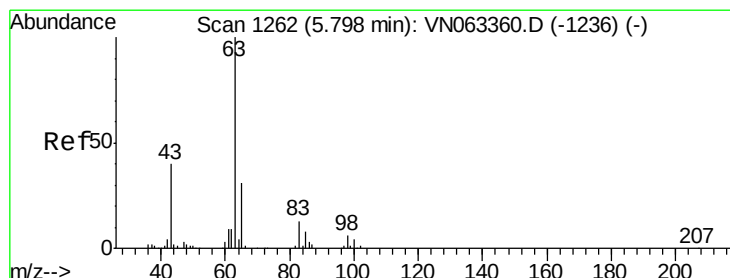
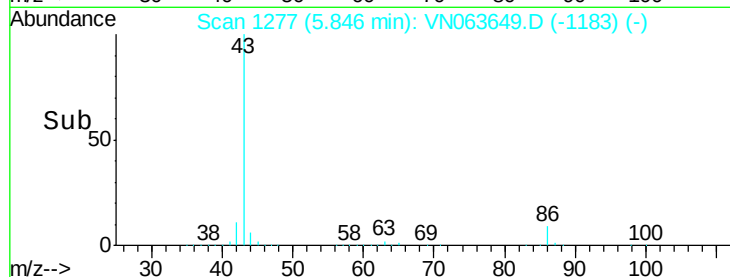
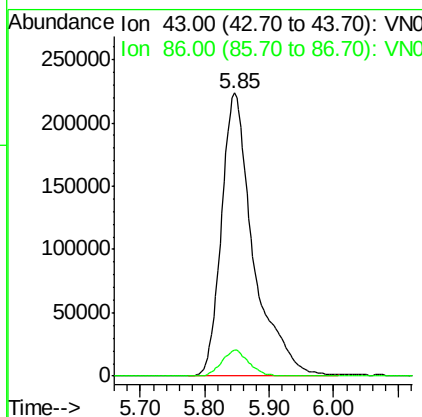
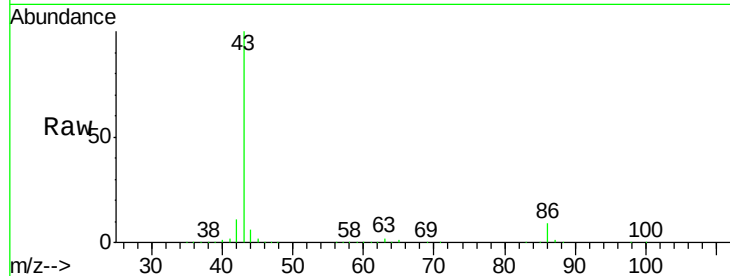
#23
 Vinyl Acetate
 Concen: 83.623 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Tot Ion	Ion	Ratio	Lower	Upper
43	43	100		
86	86	9.0	7.1	10.7

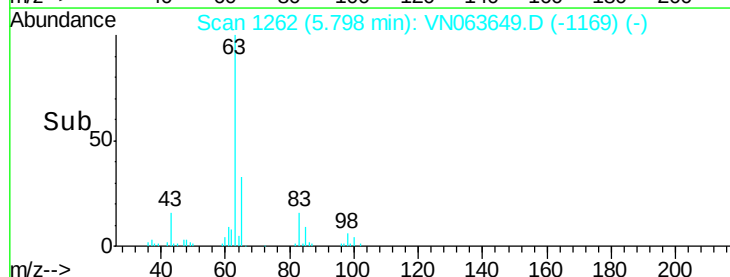
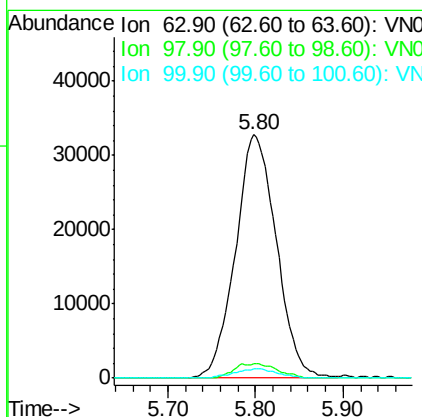
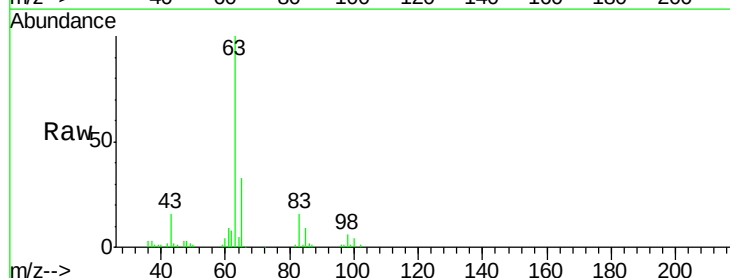
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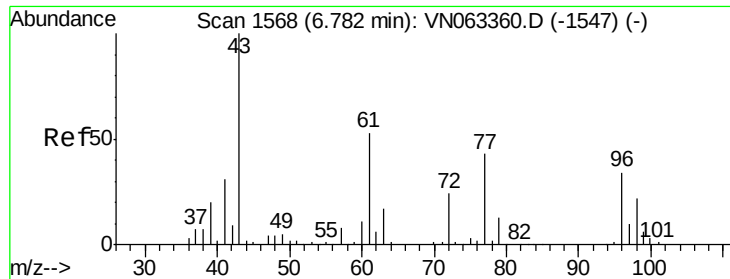
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#24
 1,1-Dichloroethane
 Concen: 17.332 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion	Ion	Ratio	Lower	Upper
63	63	100		
98	98	5.8	2.9	8.8
100	100	3.6	2.1	6.3





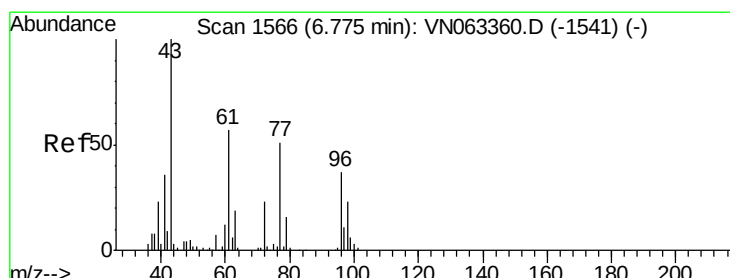
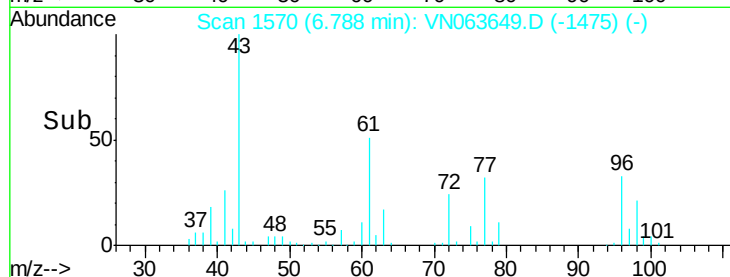
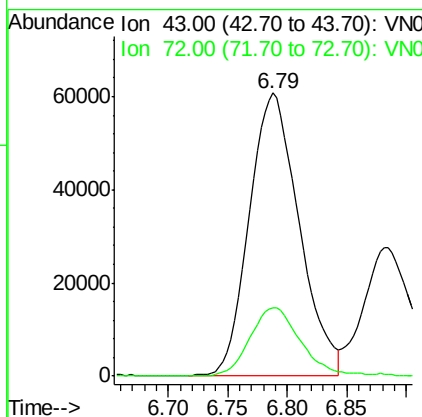
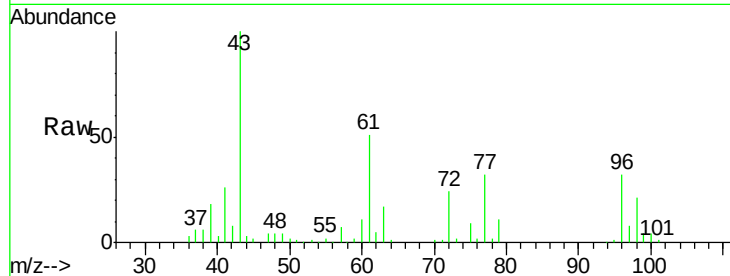
#25
2-Butanone
Concen: 85.115 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion: 43 Resp: 176716
Ion Ratio Lower Upper
43 100
72 24.0 19.2 28.8

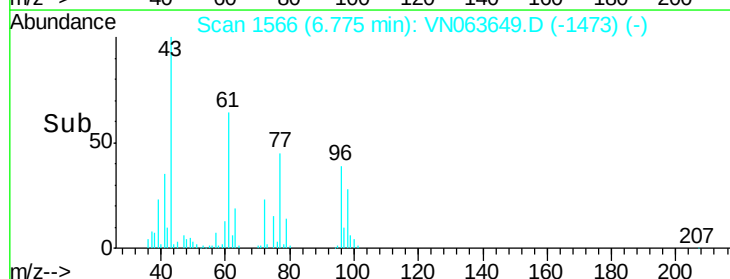
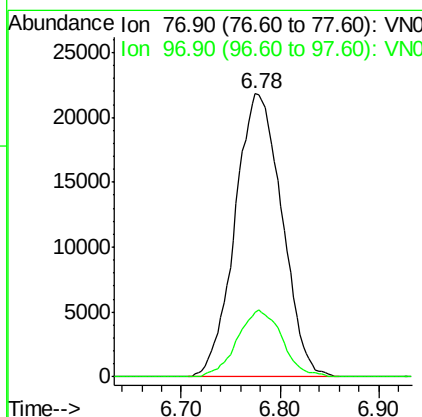
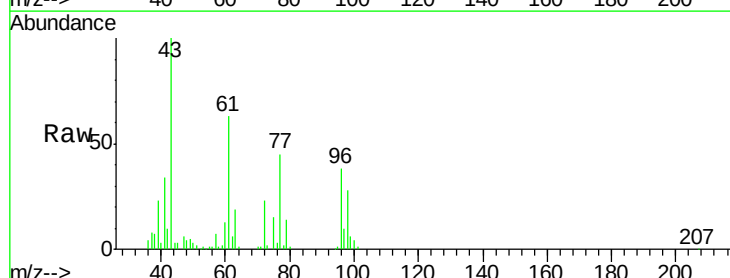
Manual Integrations
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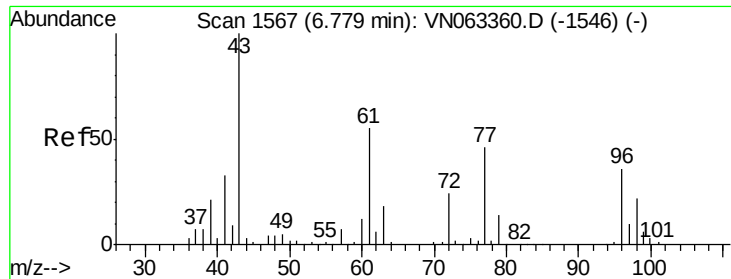
MMDadoda
9/28/2020 5:17:28 PM



#26
2,2-Dichloropropane
Concen: 13.315 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion: 77 Resp: 71899
Ion Ratio Lower Upper
77 100
97 22.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 17.291 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

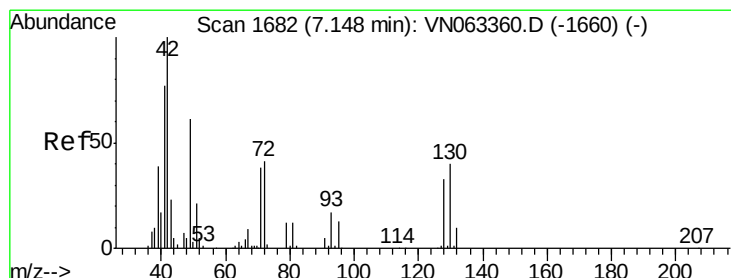
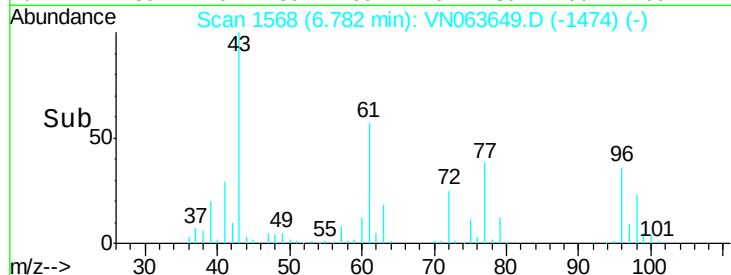
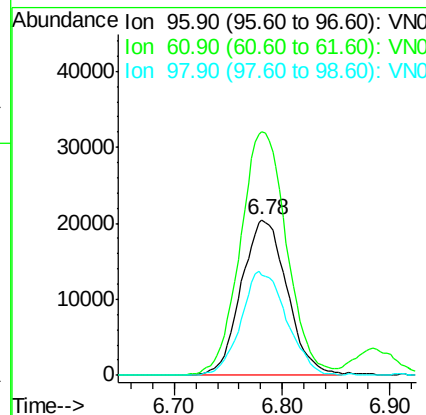
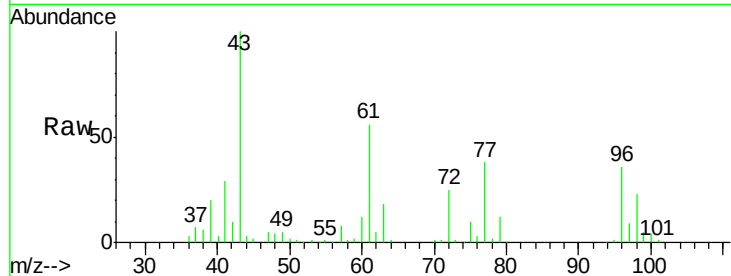
ClientSampleId :

VN0924WBS02

Tot Ion:	96	Resp:	60379
Ion	Ratio	Lower	Upper
96	100		
61	158.8	0.0	319.6
98	66.3	0.0	127.8

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#28

Bromochloromethane

Concen: 17.195 ug/l

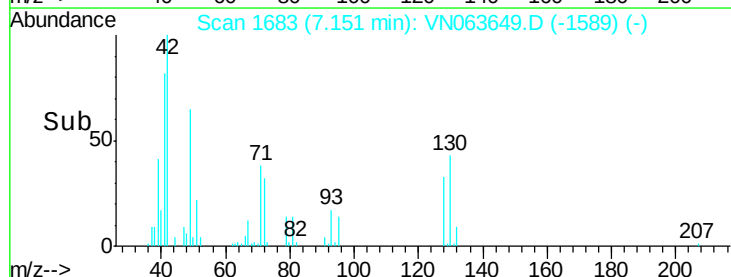
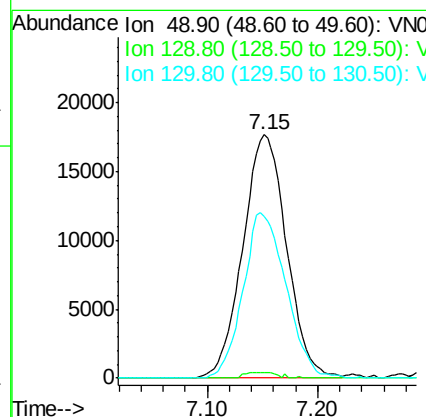
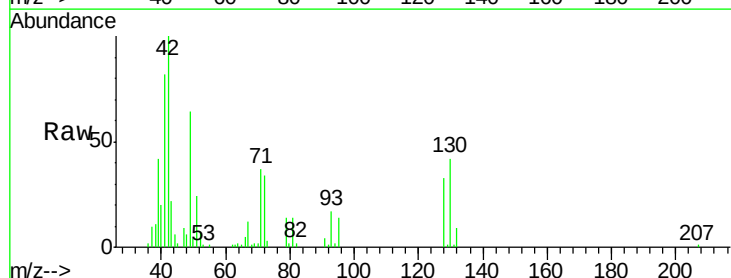
RT: 7.15 min Scan# 1683

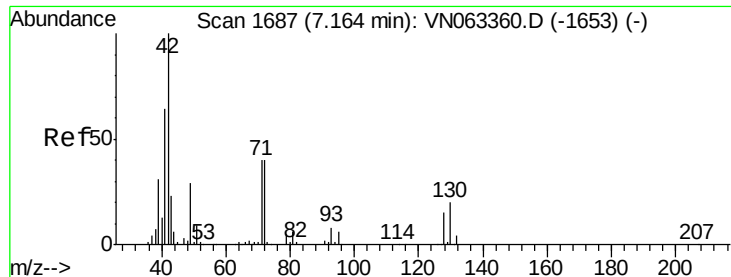
Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Tgt Ion:	49	Resp:	48694
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	66.5	52.2	78.2





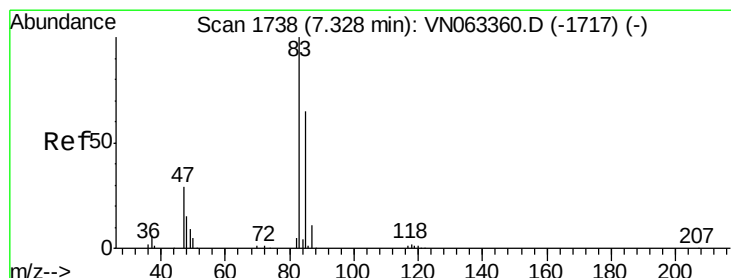
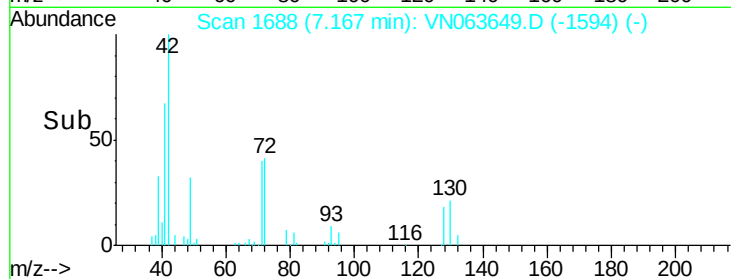
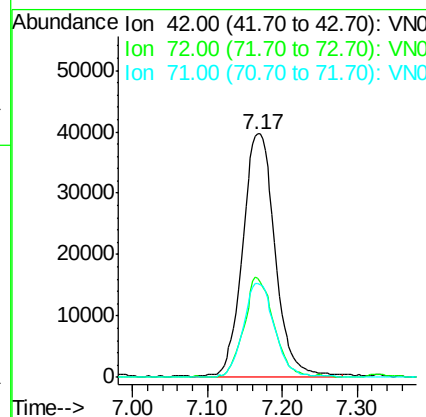
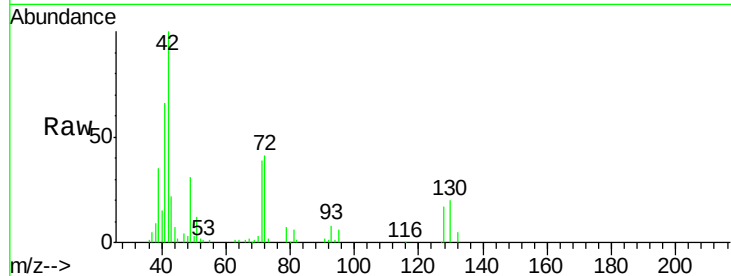
#29
Tetrahydrofuran
Concen: 85.080 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	32.1	48.1
71	37.0	31.2	46.8

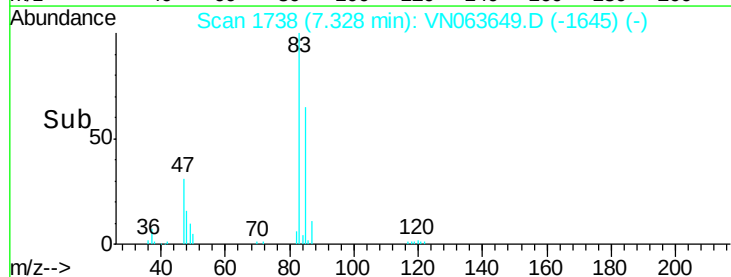
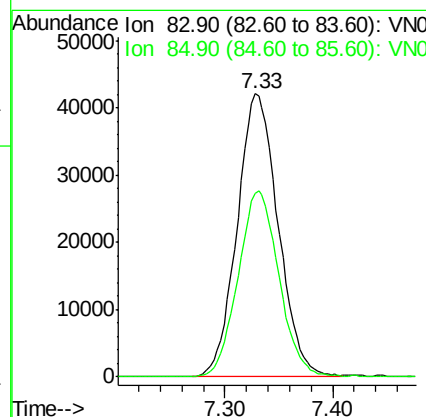
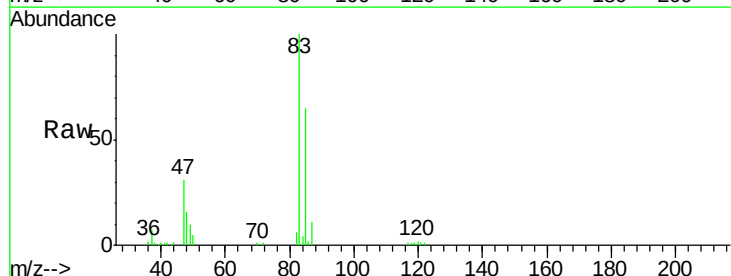
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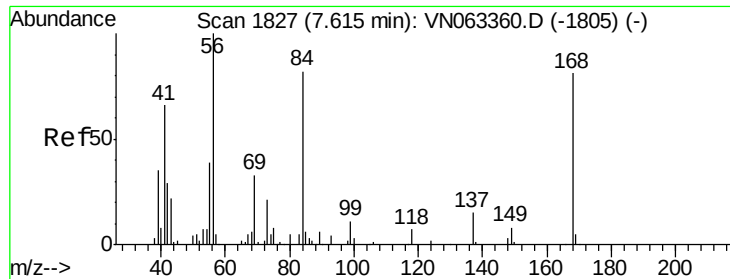
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#30
Chloroform
Concen: 18.066 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.1	78.1





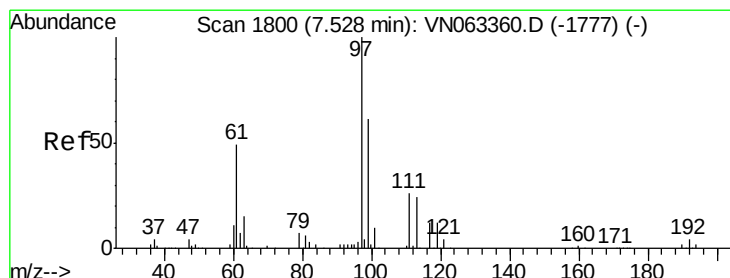
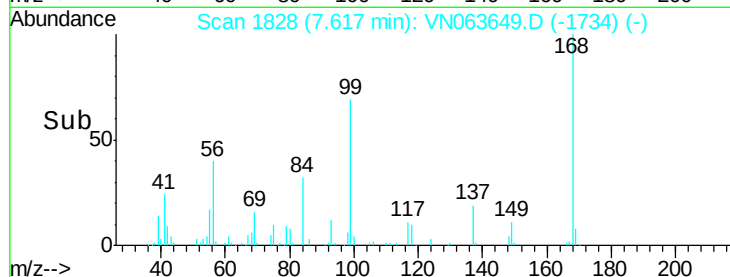
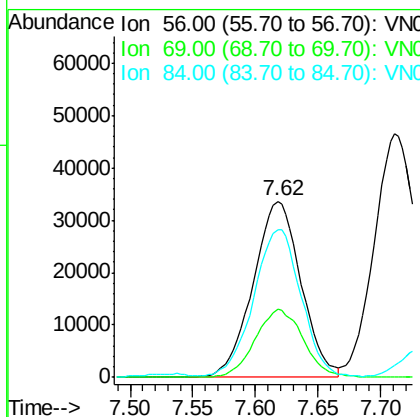
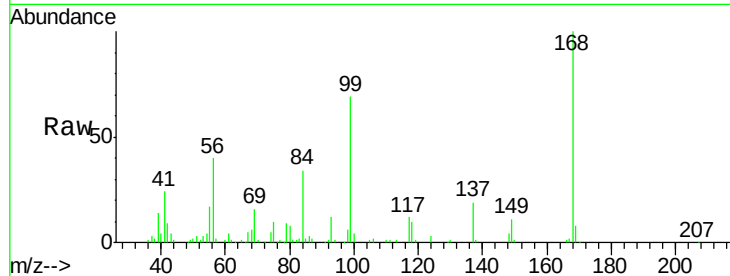
#31
Cyclohexane
Concen: 15.383 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.5	26.1	39.1
84	83.0	65.4	98.2

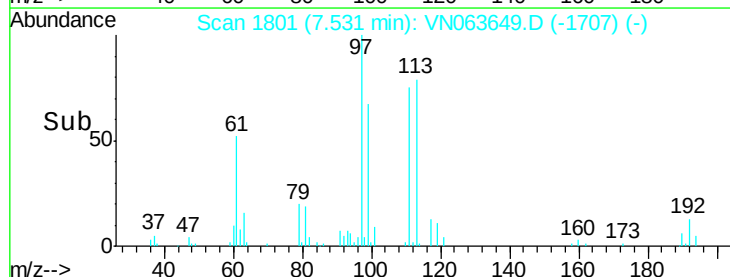
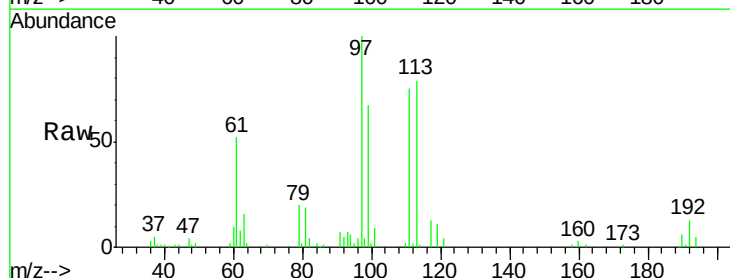
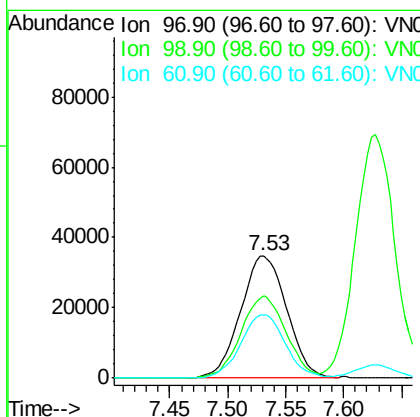
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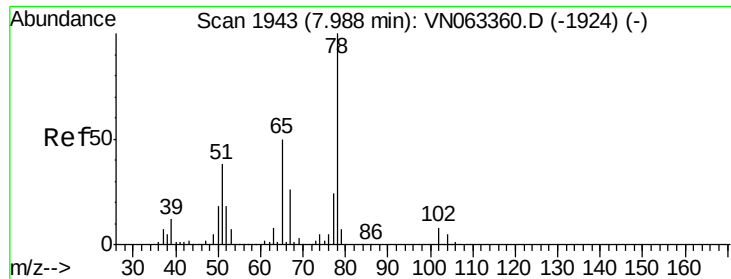
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.548 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.6	76.0
61	50.4	39.2	58.8





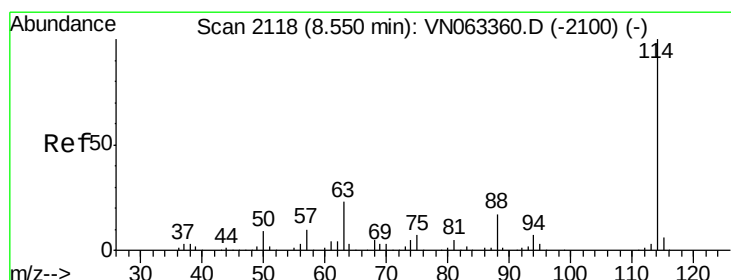
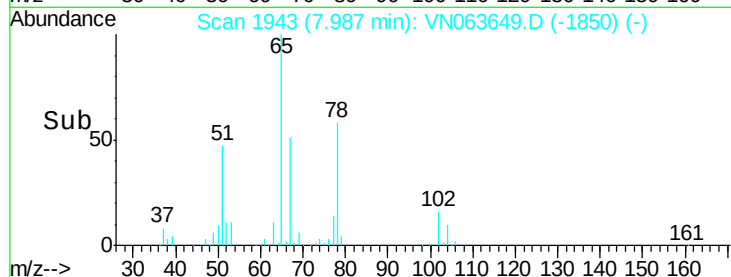
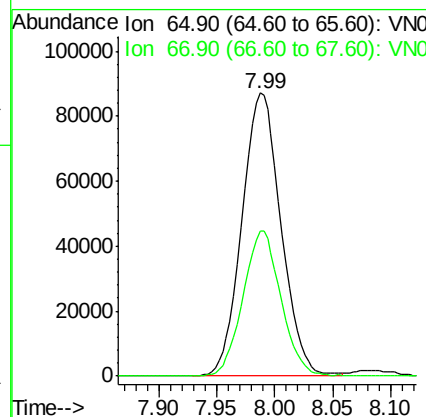
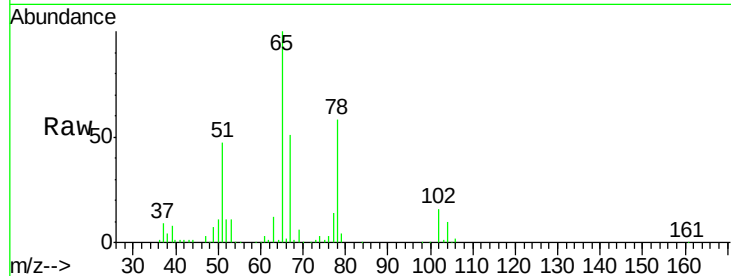
#33
 1,2-Dichloroethane-d4
 Concen: 48.604 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	204159		
67	49.6	0.0	104.2	

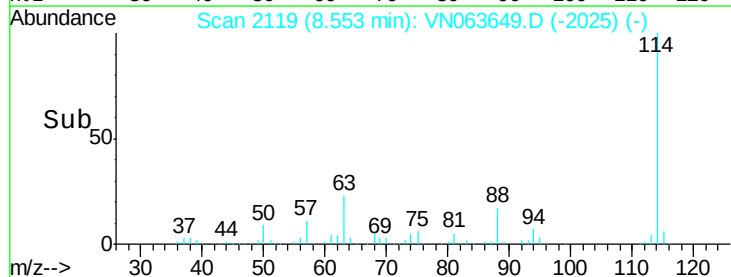
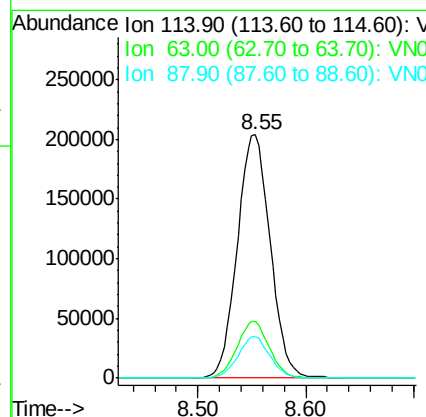
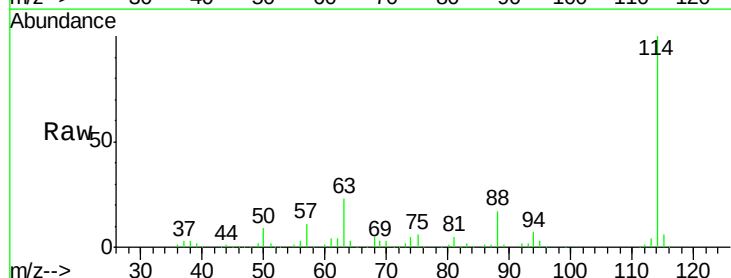
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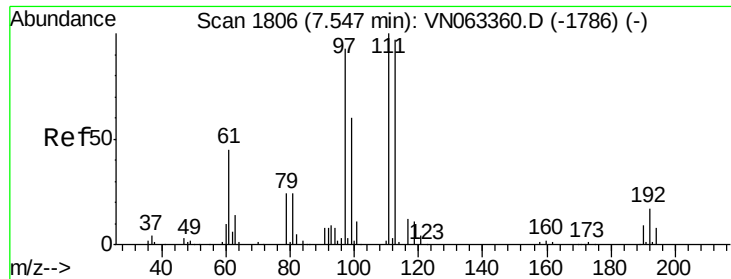
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	434073		
63	23.2	0.0	46.4	
88	17.3	0.0	33.2	





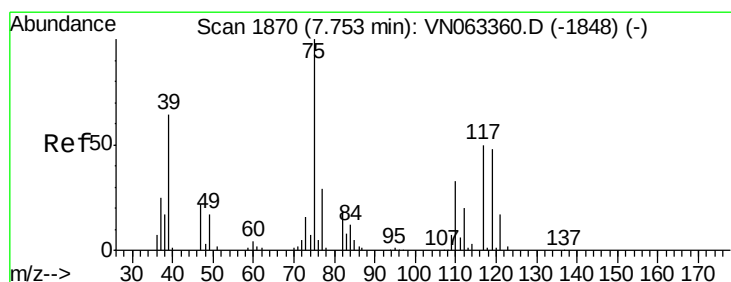
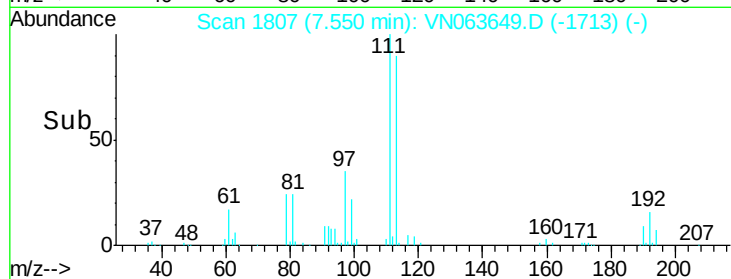
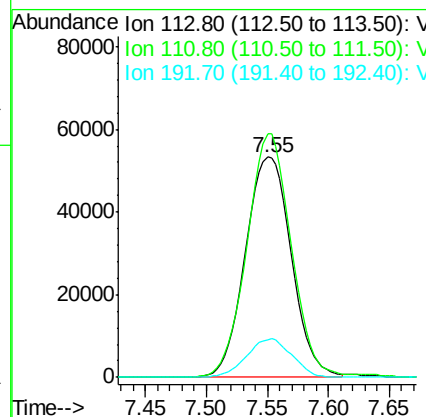
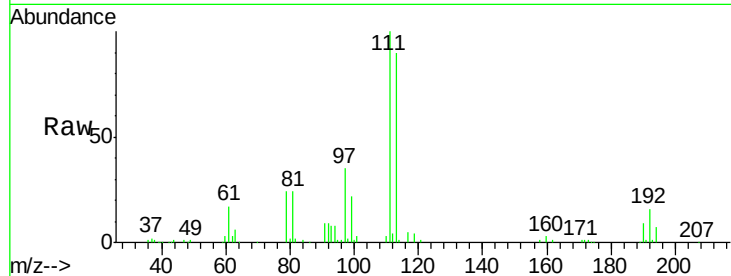
#35
Dibromofluoromethane
Concen: 46.433 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	105.9	82.9	124.3	
192	17.2	13.9	20.9	

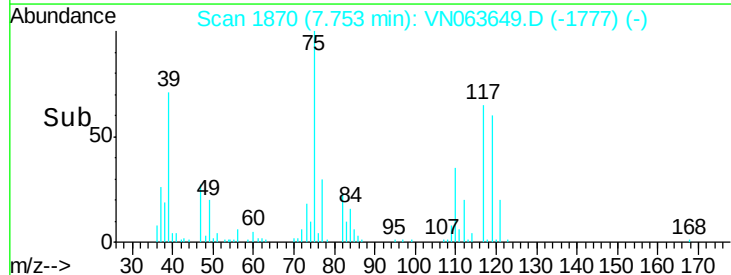
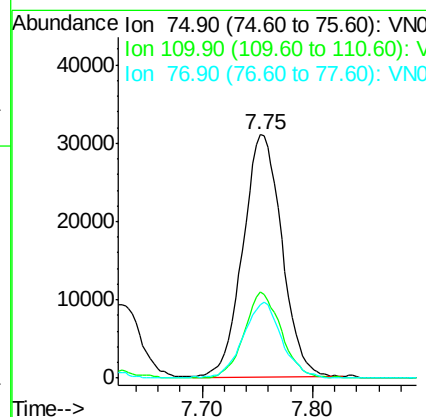
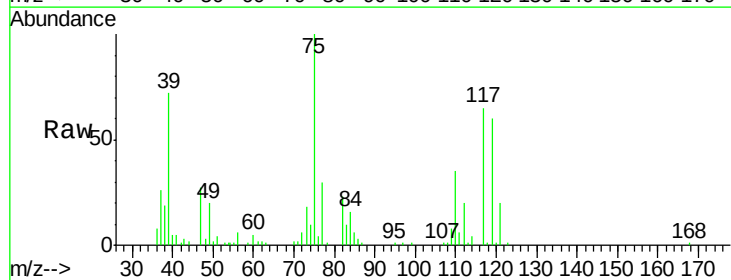
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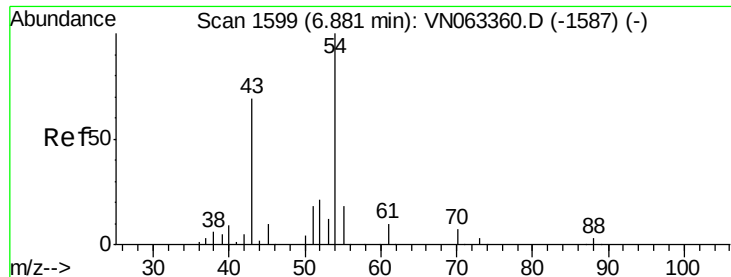
MMDadoda
9/28/2020 5:17:28 PM



#36
1,1-Dichloropropene
Concen: 16.346 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.6	16.5	49.5	
77	31.0	24.6	36.8	





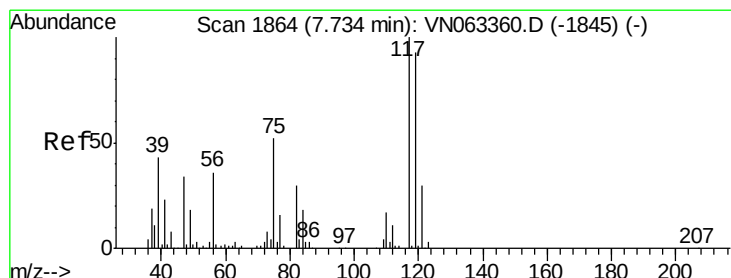
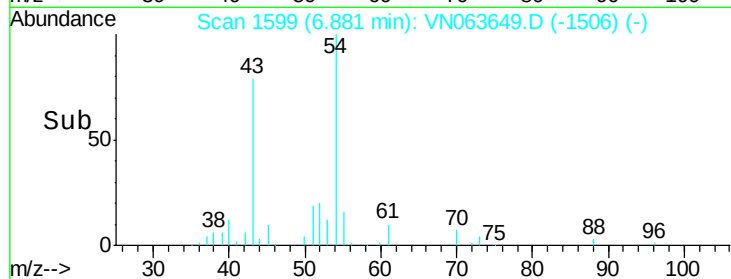
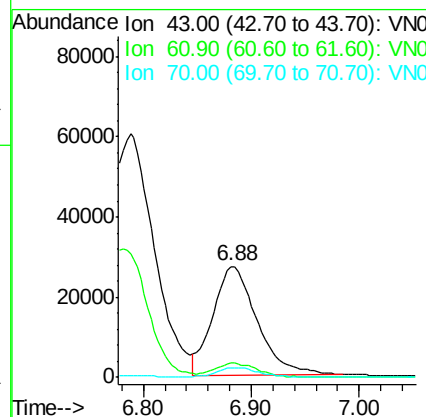
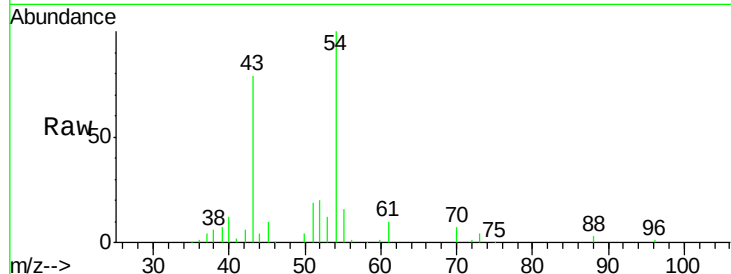
#37
Ethyl Acetate
Concen: 17.219 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.3	10.6	15.8
70	8.5	7.2	10.8

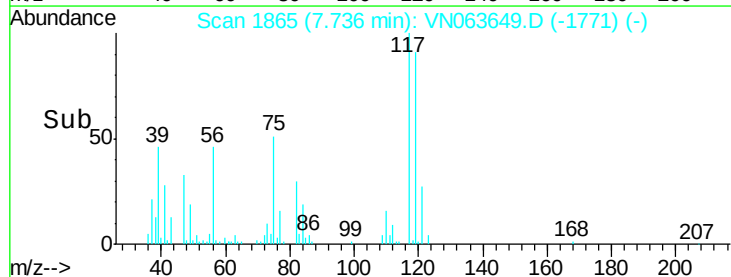
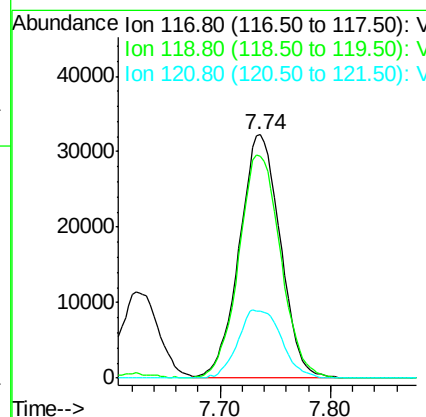
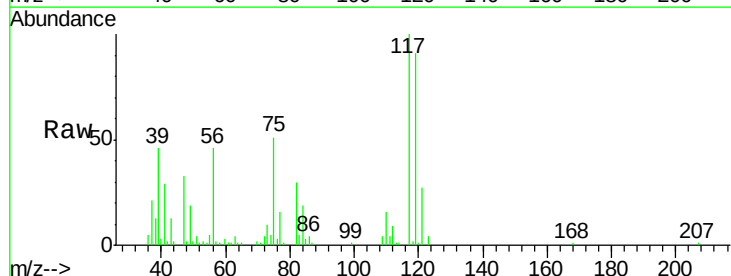
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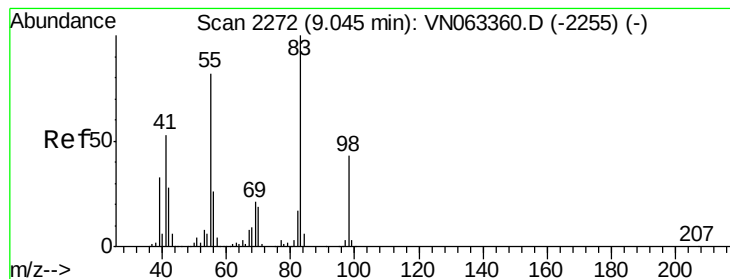
MMDadoda
9/28/2020 5:17:28 PM



#38
Carbon Tetrachloride
Concen: 17.617 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	74.5	111.7
121	27.5	24.1	36.1





#39

Methylvlcyclohexane

Concen: 14.484 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

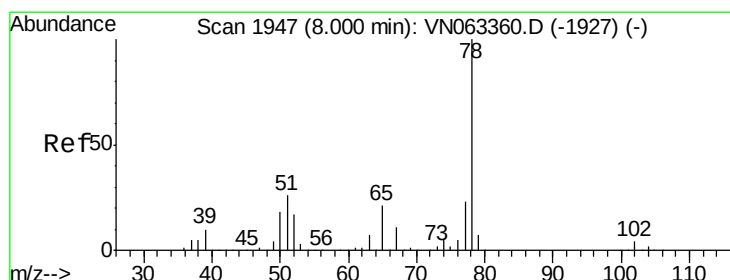
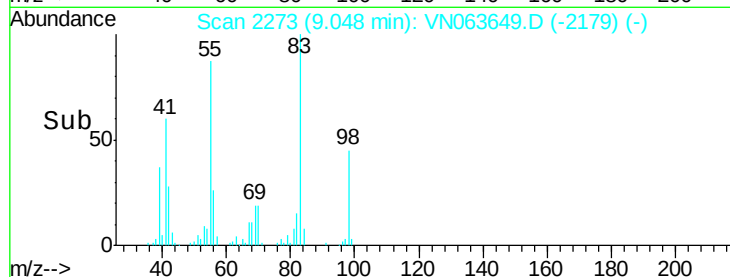
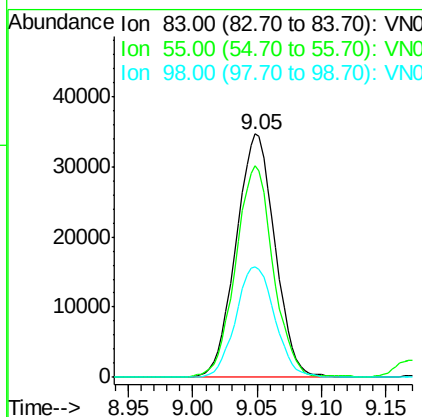
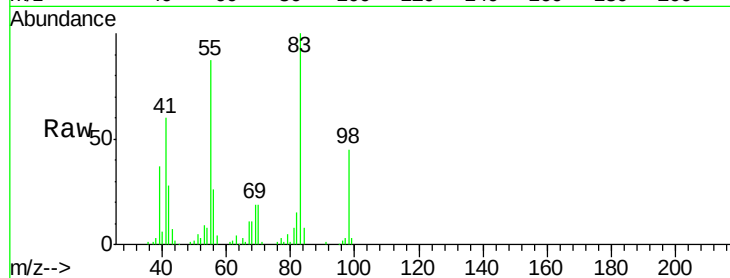
ClientSampleId :

VN0924WBS02

Tot Ion:	83	Resp:	72695
Ion	Ratio	Lower	Upper
83	100		
55	87.1	65.5	98.3
98	45.2	34.2	51.4

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#40

Benzene

Concen: 17.447 ug/l

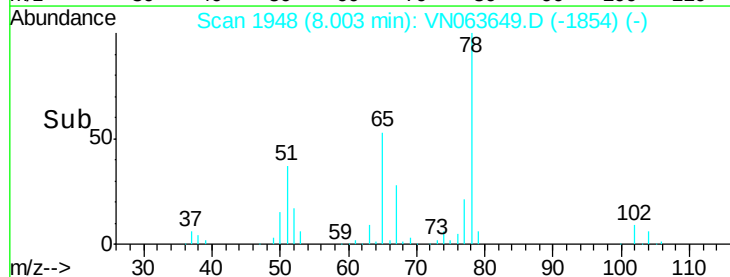
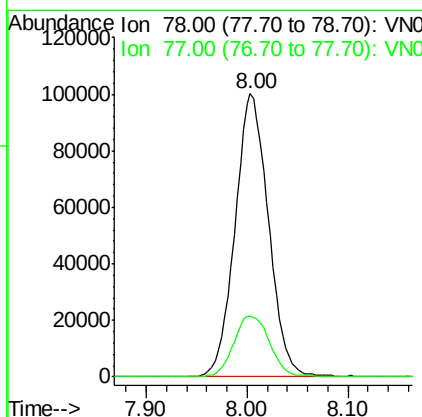
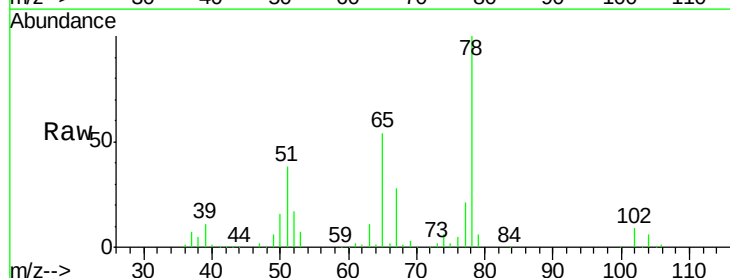
RT: 8.00 min Scan# 1948

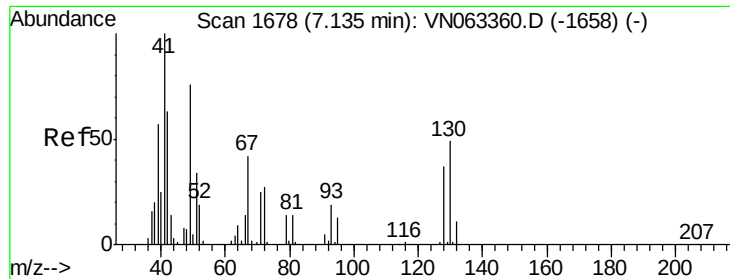
Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Tgt Ion:	78	Resp:	230321
Ion	Ratio	Lower	Upper
78	100		
77	21.4	18.3	27.5





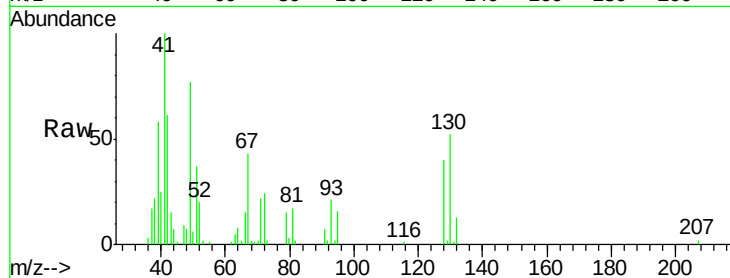
#41
Methacrylonitrile
Concen: 17.946 ug/l m
RT: 7.14 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

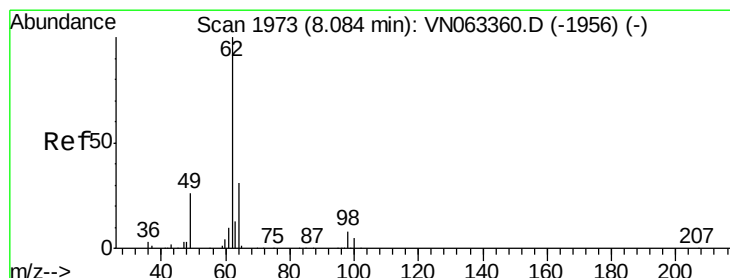
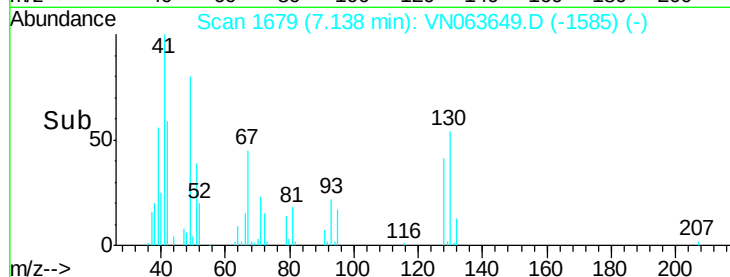
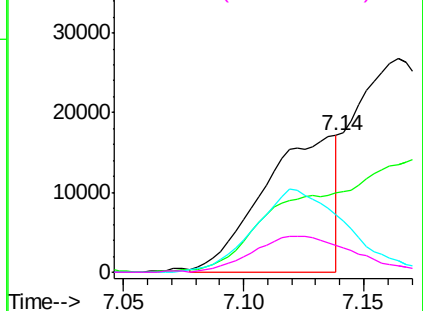
Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	175.8	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

Manual Integrations
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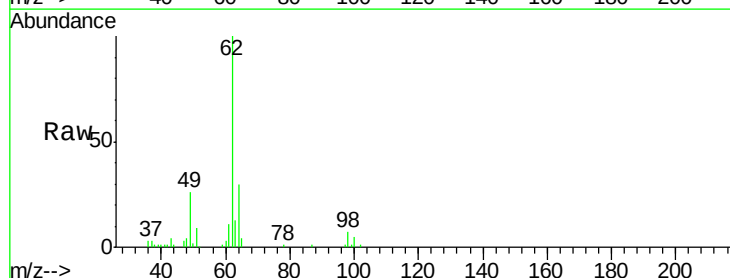


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-1658) (-)
Ion 39.00 (38.70 to 39.70): VN063360.D (-1658) (-)
Ion 67.00 (66.70 to 67.70): VN063360.D (-1658) (-)
Ion 52.00 (51.70 to 52.70): VN063360.D (-1658) (-)

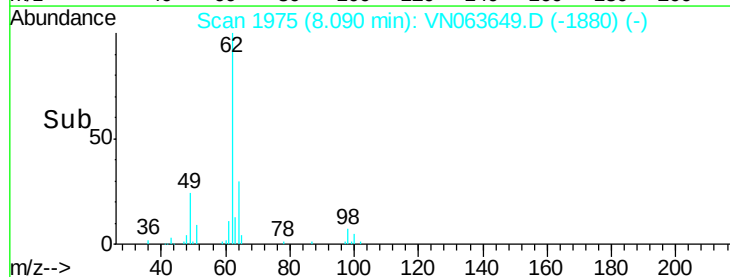
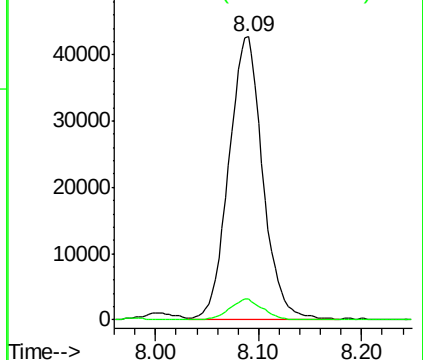


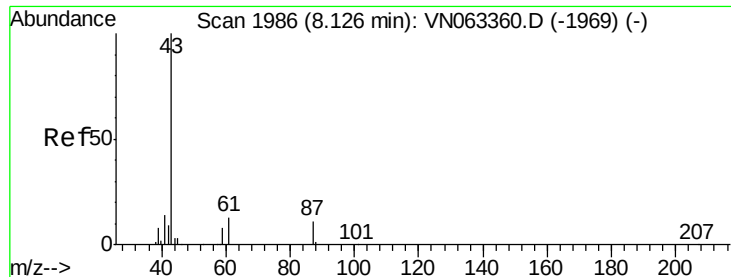
#42
1,2-Dichloroethane
Concen: 18.493 ug/l
RT: 8.09 min Scan# 1975
Delta R.T. 0.01 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	7.0	0.0	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VN063360.D (-1956) (-)
Ion 97.90 (97.60 to 98.60): VN063360.D (-1956) (-)





#43

Isopropyl Acetate

Concen: 15.950 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

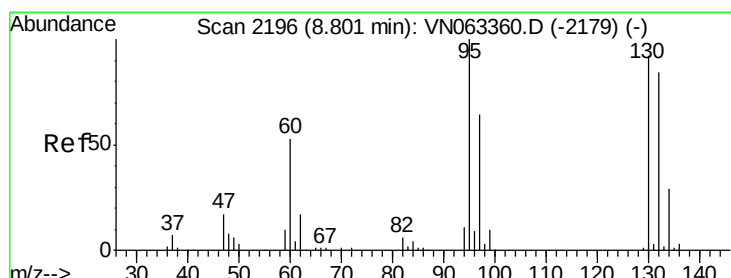
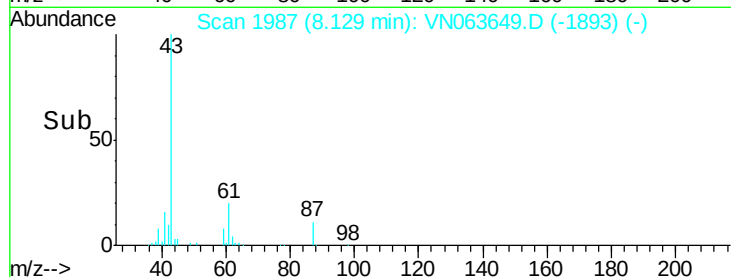
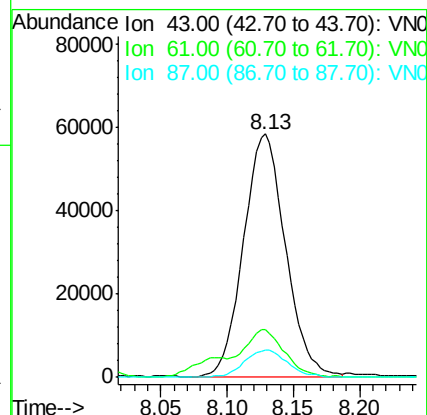
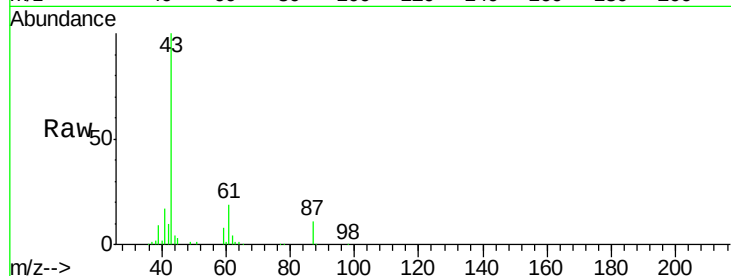
ClientSampleId :

VN0924WBS02

Tot Ion:	43	Resp:	129447
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.2	21.2
87	11.5	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 17.337 ug/l

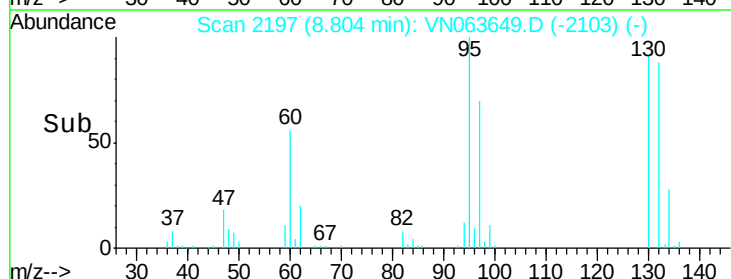
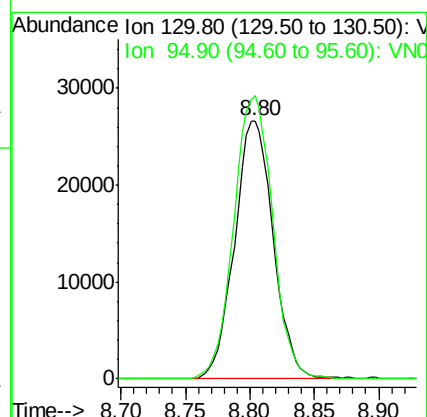
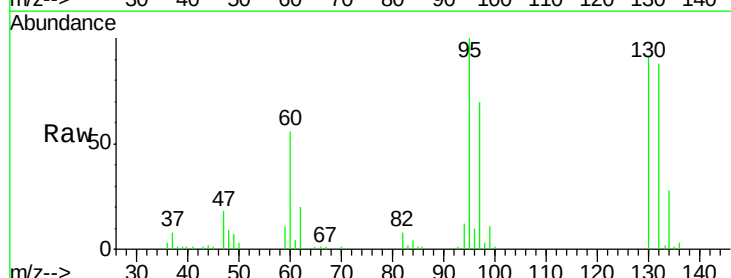
RT: 8.80 min Scan# 2197

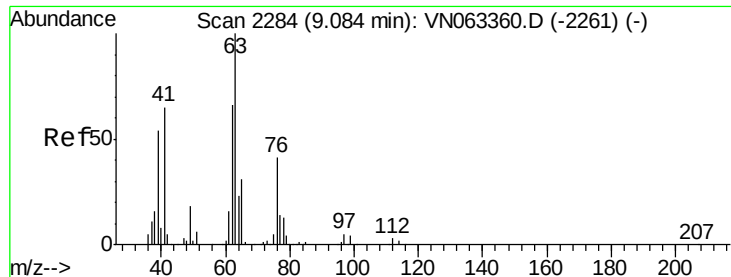
Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Tgt Ion:	130	Resp:	55510
Ion	Ratio	Lower	Upper
130	100		
95	109.6	0.0	217.4





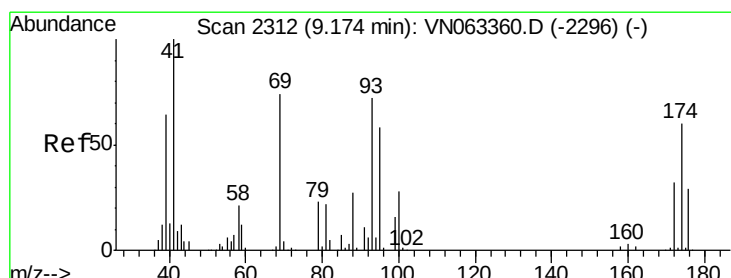
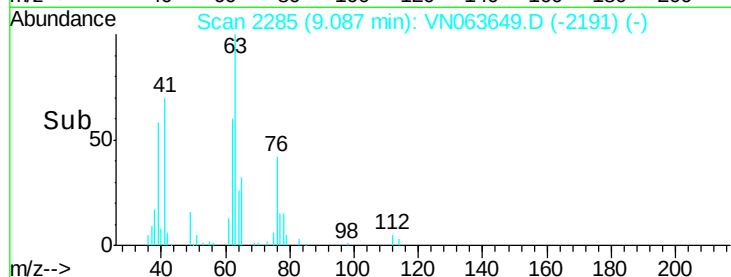
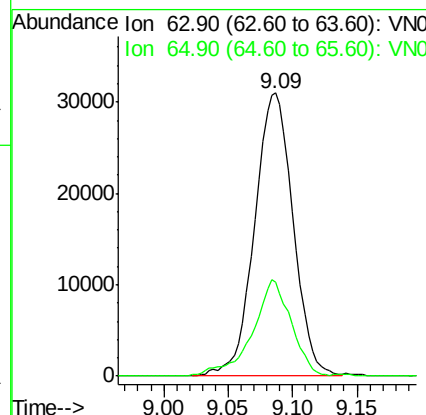
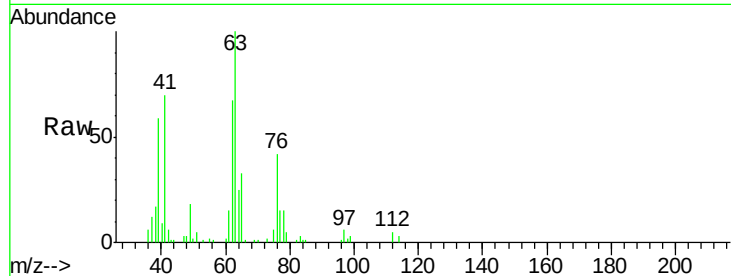
#45
 1,2-Dichloropropane
 Concen: 17.955 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Tot Ion: 63 Resp: 64555
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.0 37.6

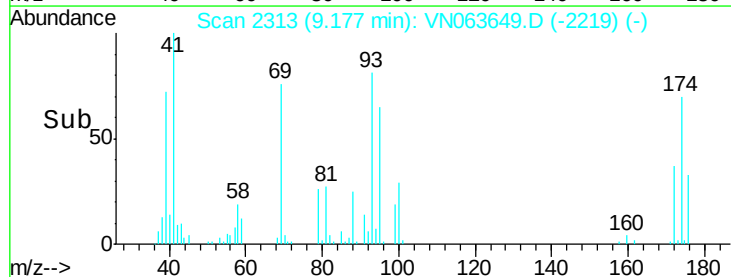
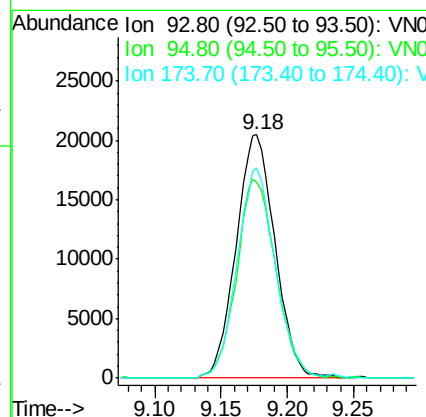
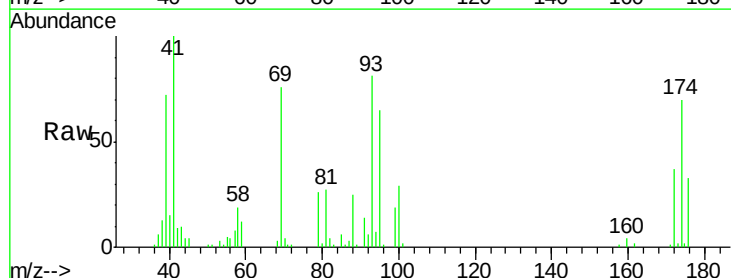
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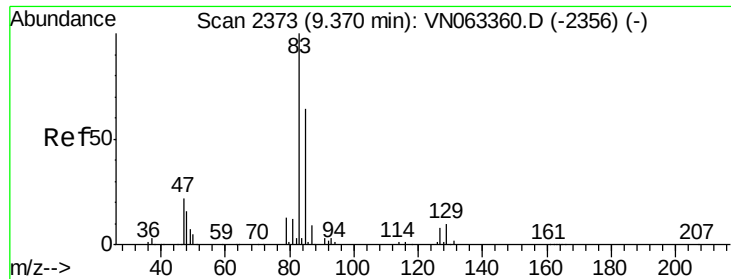
MMDadoda
 9/28/2020 5:17:28 PM



#46
 Dibromomethane
 Concen: 17.684 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion: 93 Resp: 41788
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.6 98.4
 174 84.4 68.1 102.1





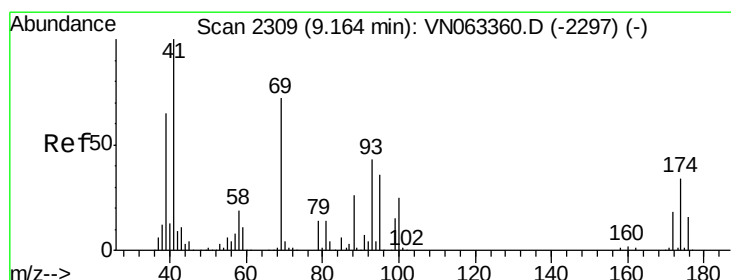
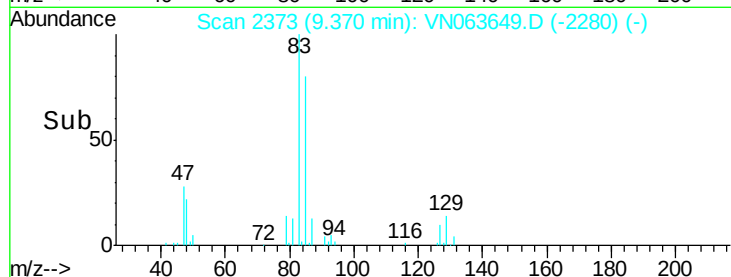
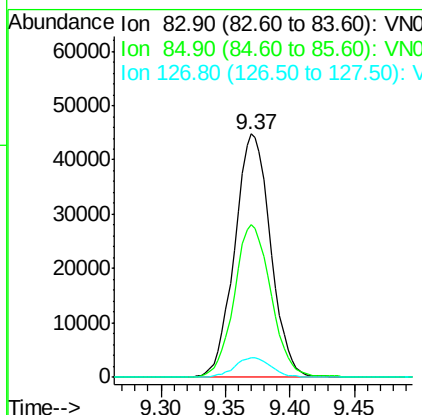
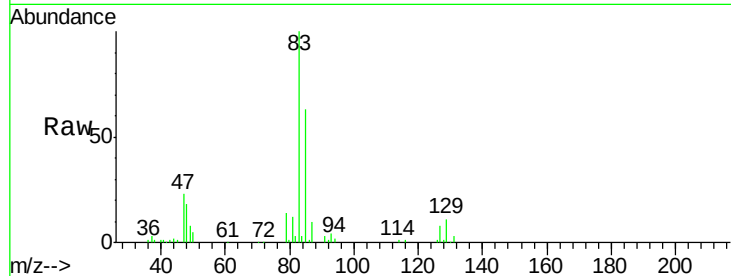
#47
Bromodichloromethane
Concen: 17.659 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion	83	Resp	86691
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	51.0	76.6
127	7.9	6.3	9.5

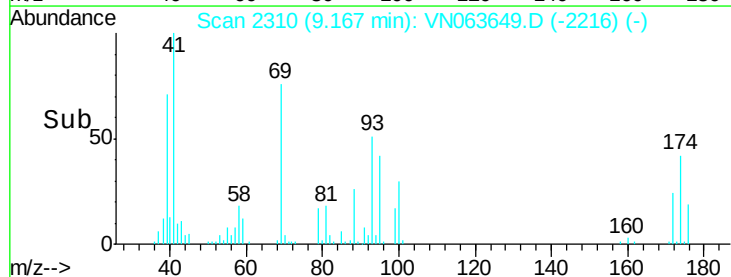
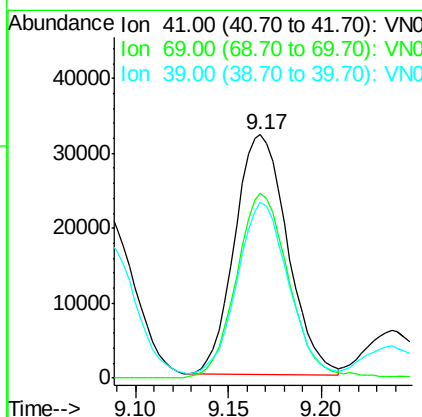
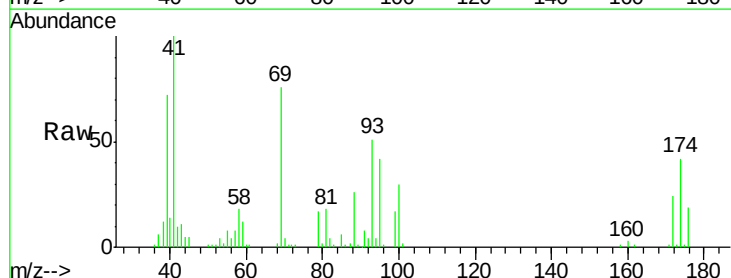
Manual Integrations
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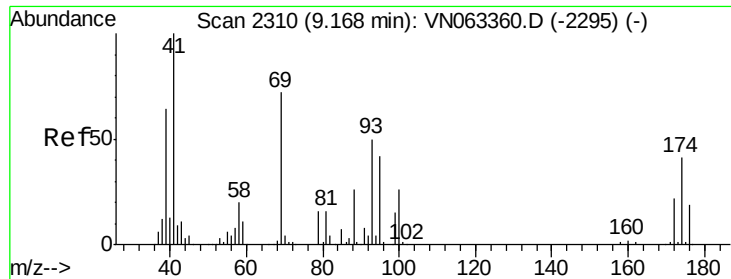
MMDadoda
9/28/2020 5:17:28 PM



#48
Methyl methacrylate
Concen: 15.893 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	41	Resp	63369
Ion Ratio	100	Lower	Upper
41	100		
69	76.9	59.3	88.9
39	70.7	52.9	79.3





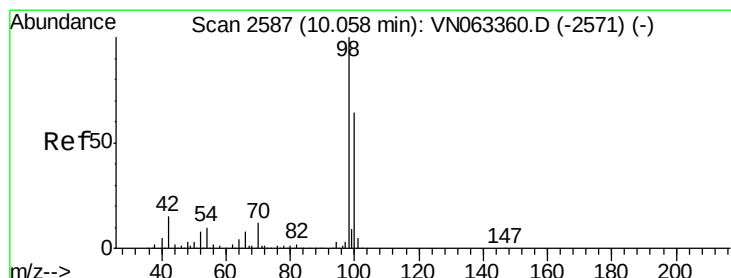
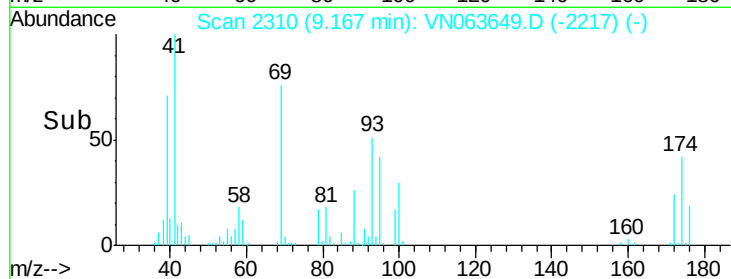
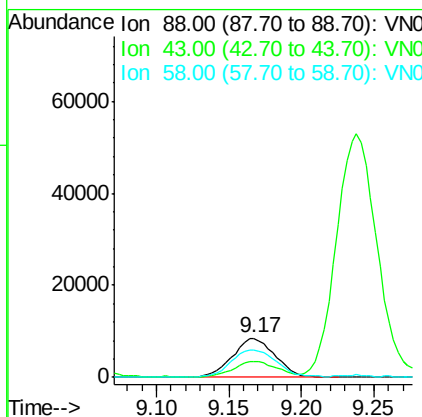
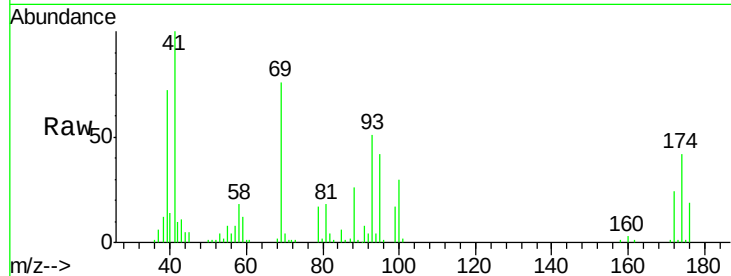
#49
 1,4-Dioxane
 Concen: 306.154 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Tot Ion	Ratio	Resp	Lower	Upper
88	100	17518		
43	43.0		32.6	49.0
58	75.7		60.0	90.0

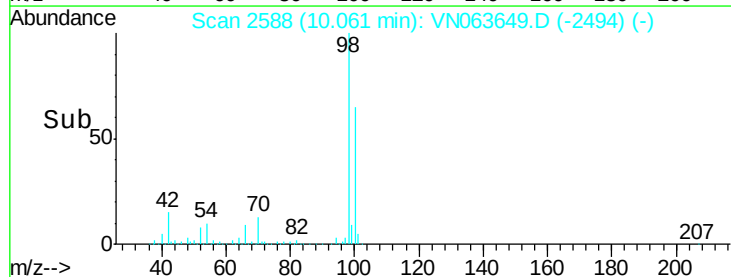
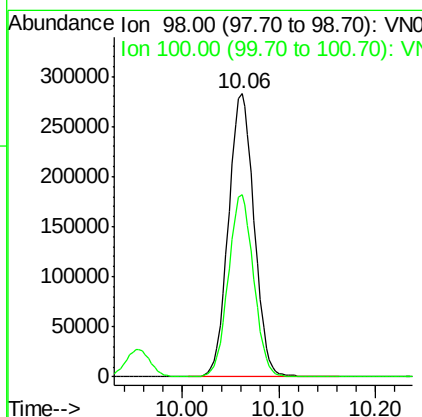
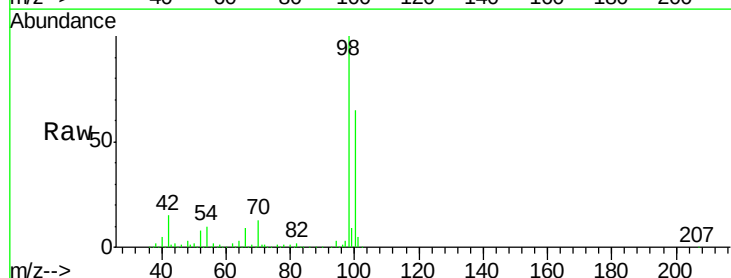
Manual Integrations
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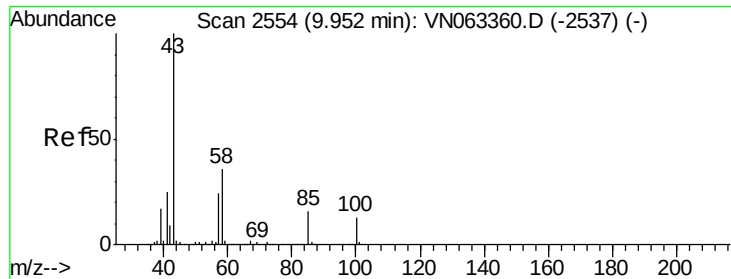
MMDadoda
 9/28/2020 5:17:28 PM



#50
 Toluene-d8
 Concen: 46.080 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	520673		
100	63.3		50.7	76.1





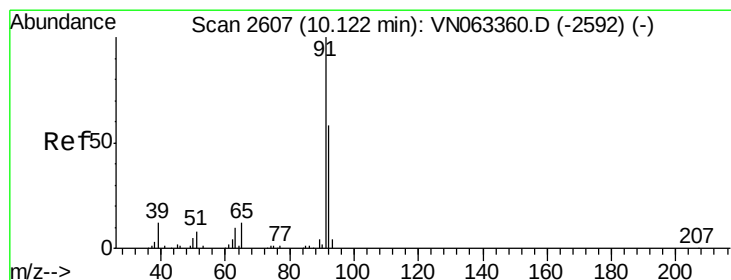
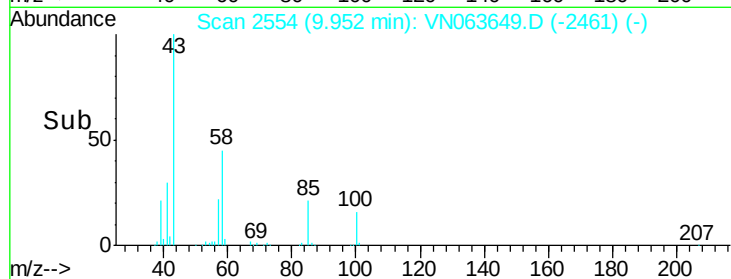
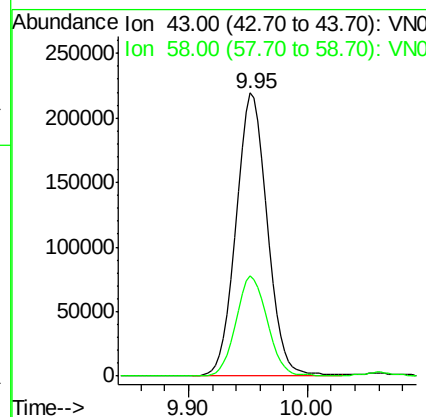
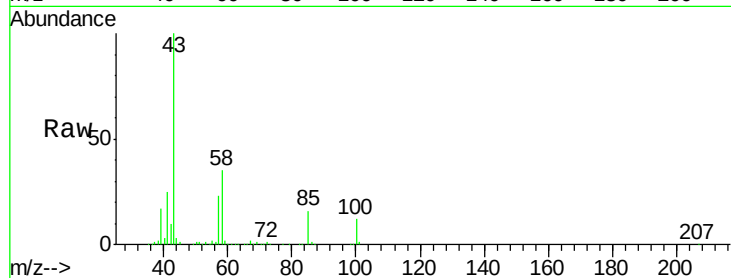
#51
 4-Methyl-2-Pentanone
 Concen: 87.822 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.5	29.0	43.6

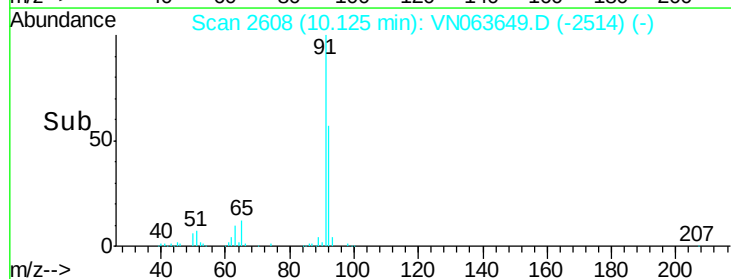
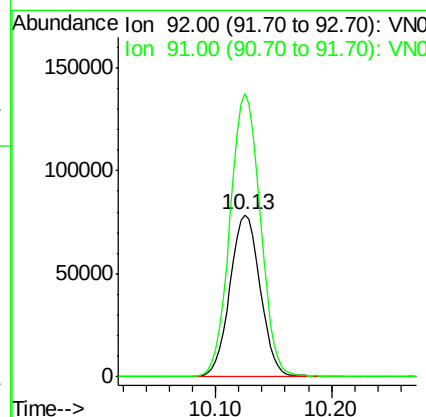
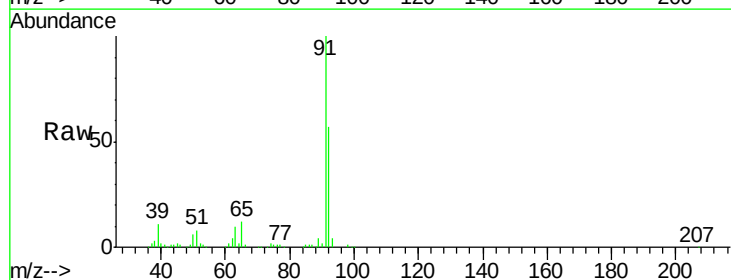
Manual Integrations
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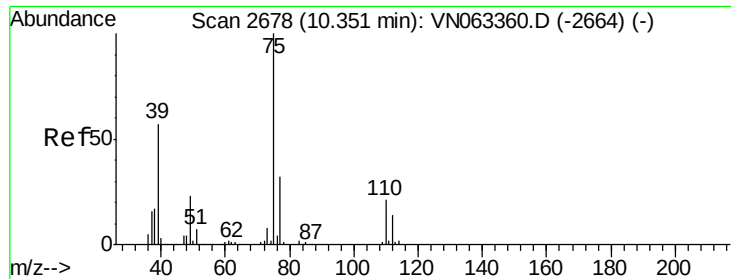
MMDadoda
 9/28/2020 5:17:28 PM



#52
 Toluene
 Concen: 17.987 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.8	139.7	209.5





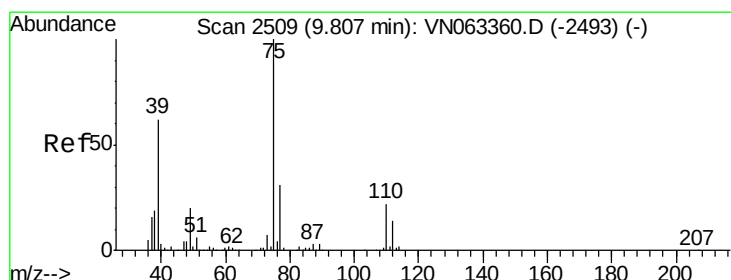
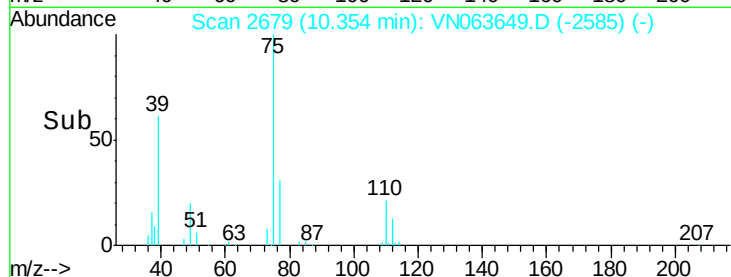
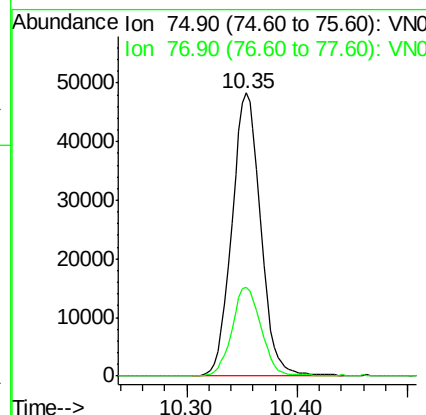
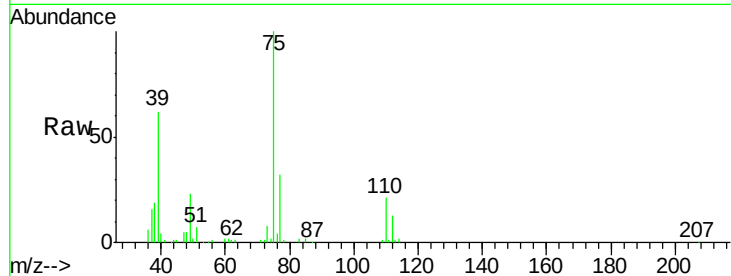
#53
t-1,3-Dichloropropene
Concen: 15.921 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2

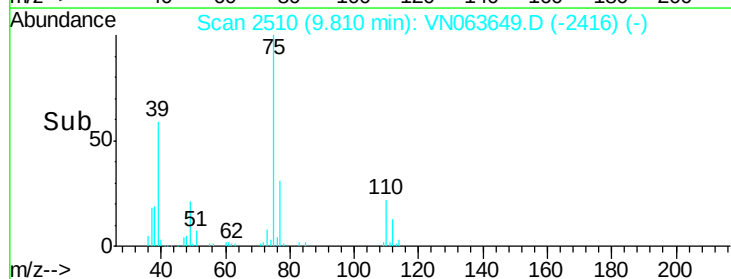
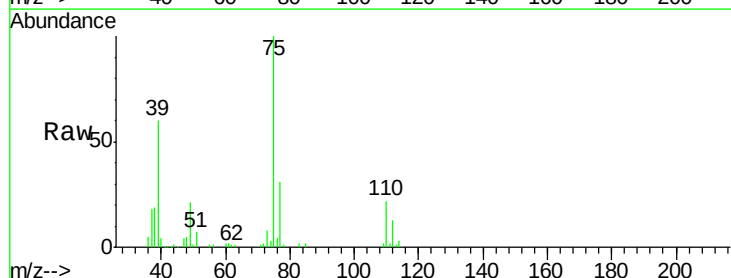
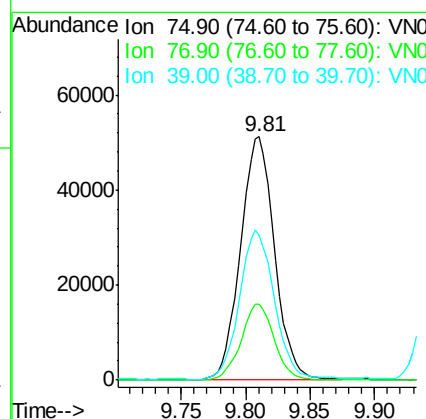
Manual Integrations
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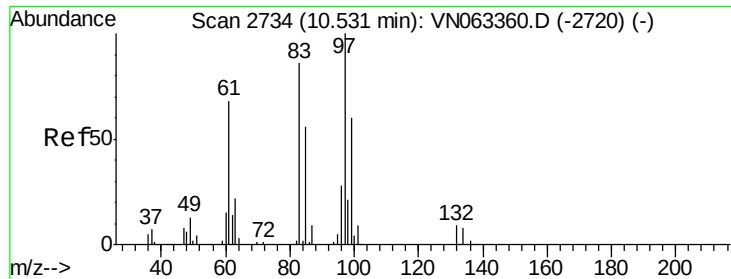
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#54
cis-1,3-Dichloropropene
Concen: 16.303 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	37.0
39	59.3	49.8	74.8





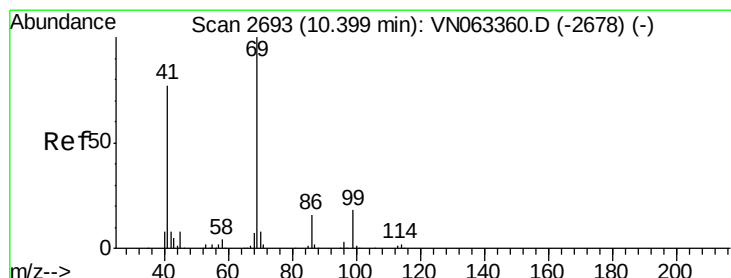
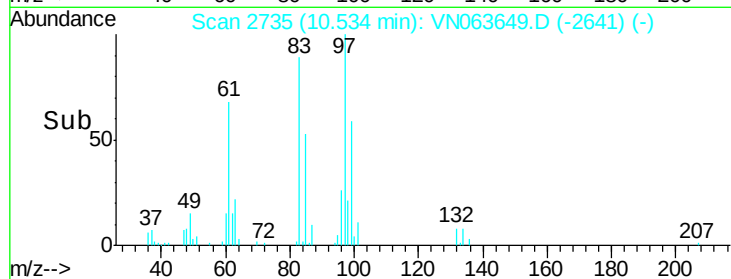
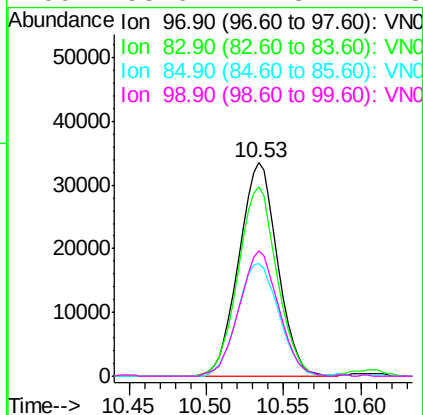
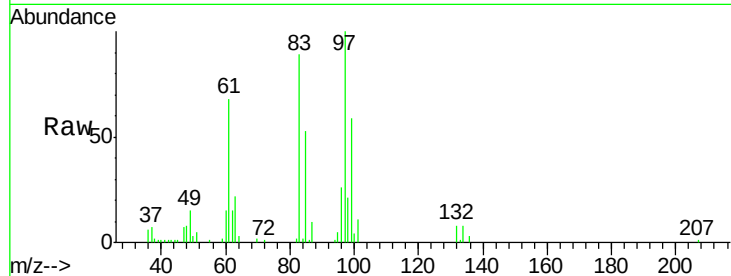
#55
 1,1,2-Trichloroethane
 Concen: 18.530 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Tot Ion:	97	Resp:	58416
Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.9	103.3
85	52.9	44.8	67.2
99	58.6	47.8	71.8

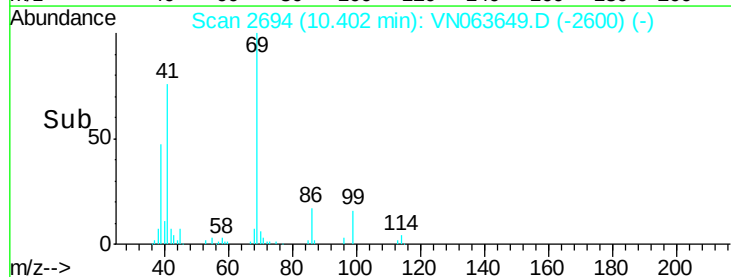
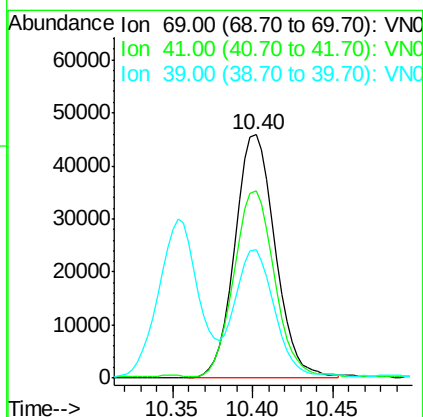
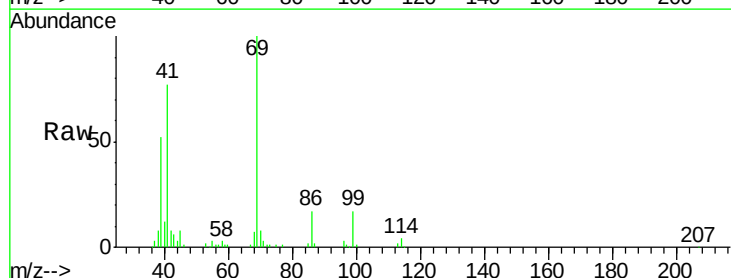
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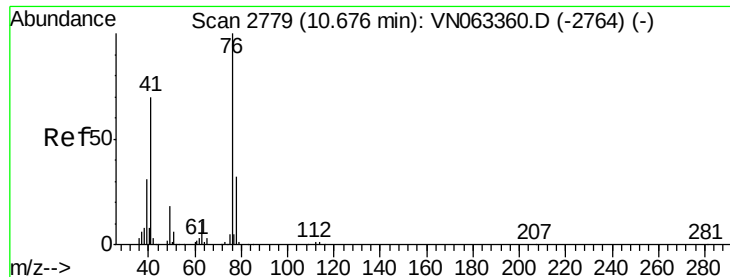
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 9/28/2020 5:17:28 PM



#56
 Ethyl methacrylate
 Concen: 16.063 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion:	69	Resp:	79055
Ion	Ratio	Lower	Upper
69	100		
41	76.9	61.0	91.6
39	50.6	39.2	58.8





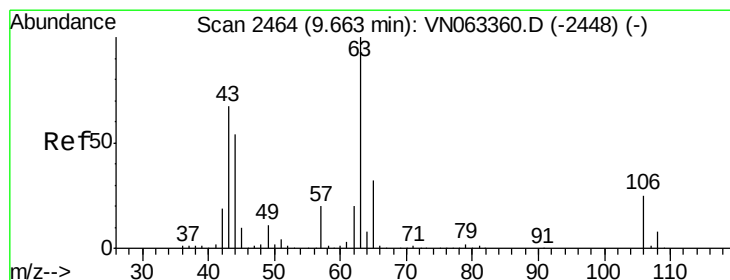
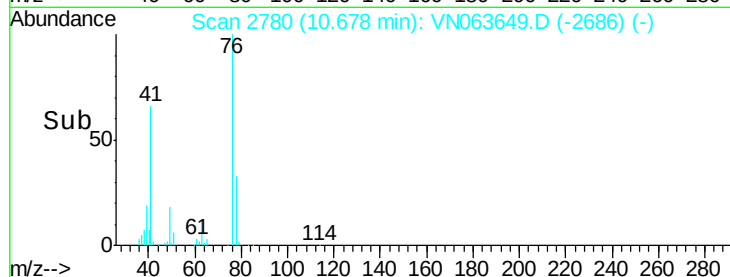
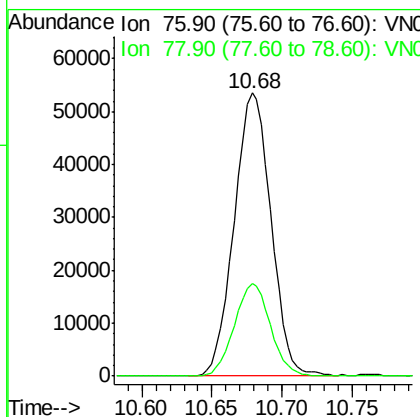
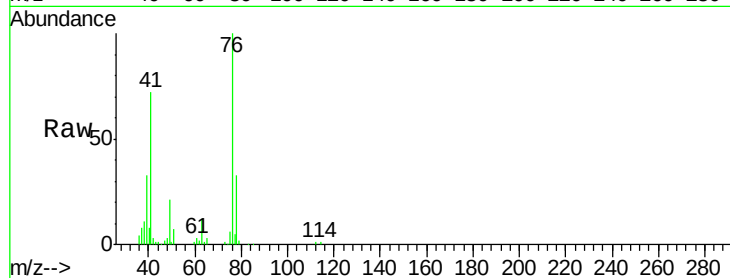
#57
 1,3-Dichloropropane
 Concen: 17.262 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN0924WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

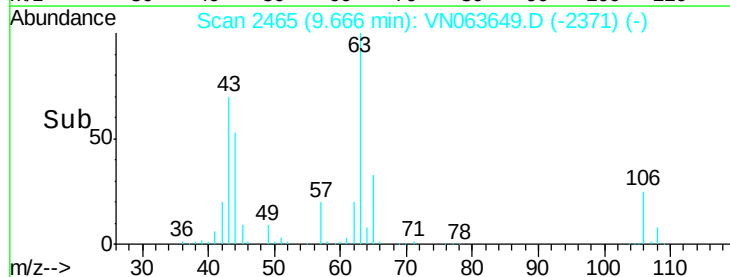
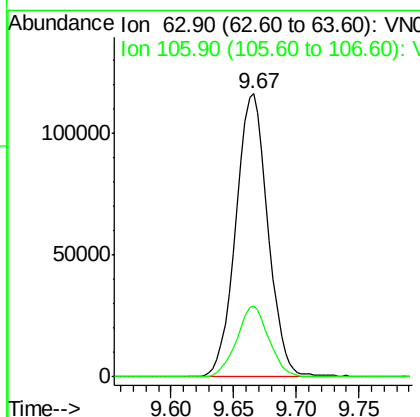
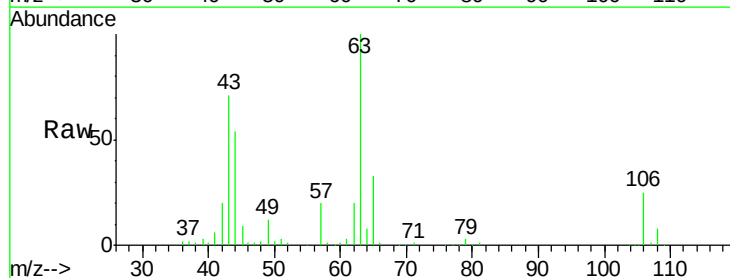
Manual Integrations
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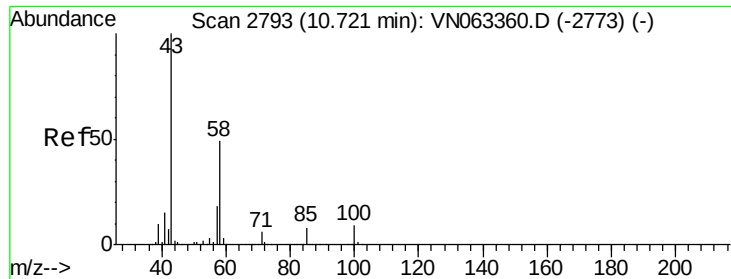
MMDadoda
 9/28/2020 5:17:28 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 79.995 ug/l
 RT: 9.67 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.0	19.5	29.3





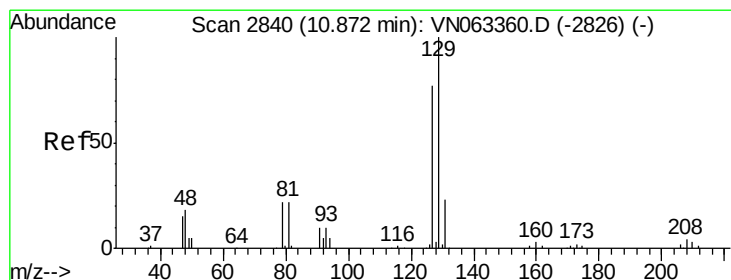
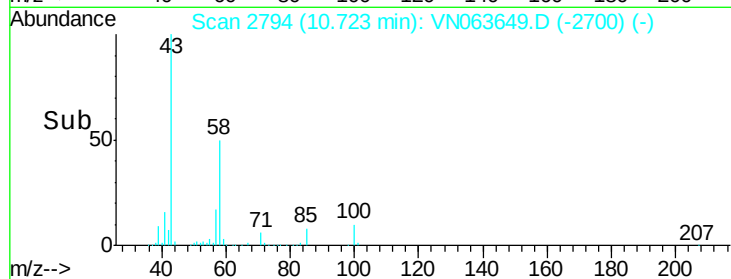
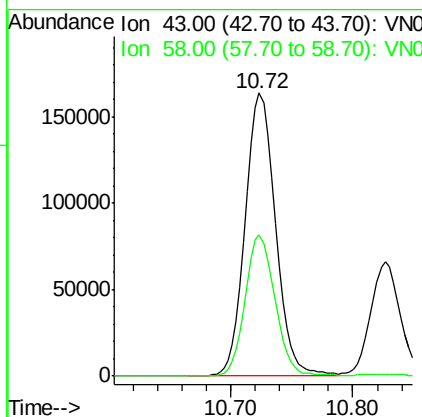
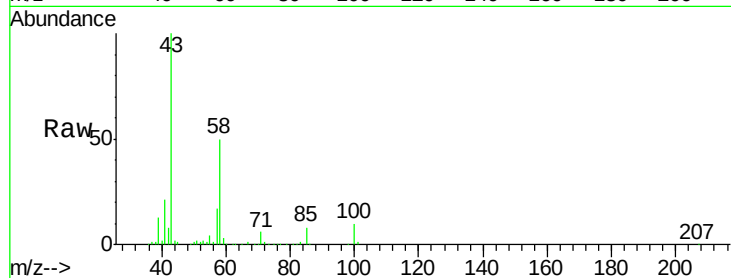
#59
2-Hexanone
Concen: 84.748 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion: 43 Resp: 278956
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1

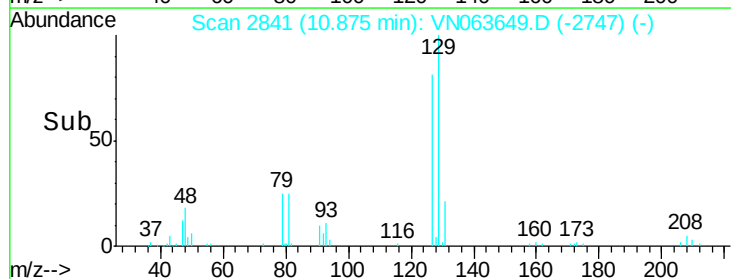
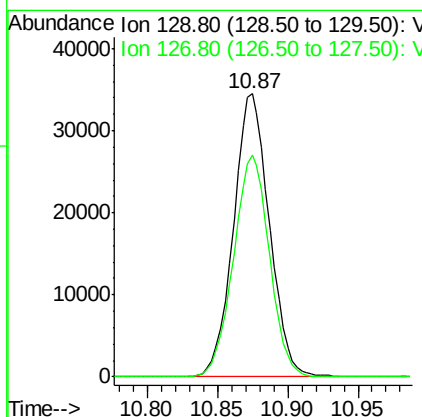
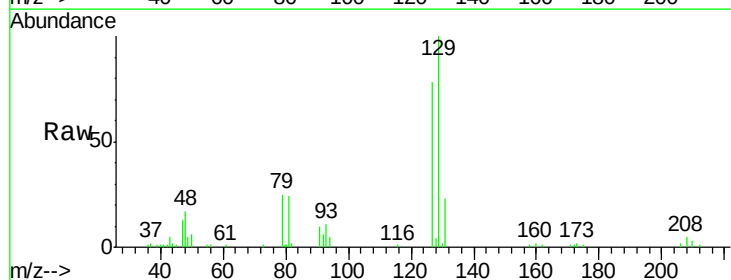
Manual Integrations
APPROVED

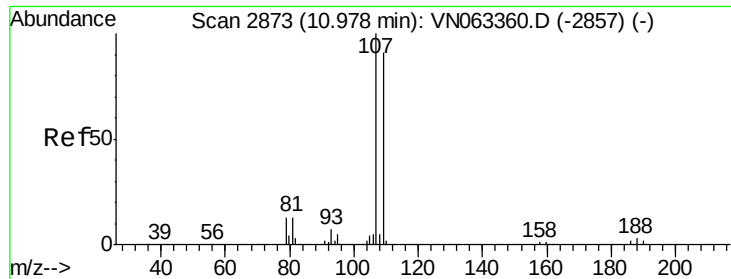
MMDadoda
9/28/2020 5:17:28 PM



#60
Dibromochloromethane
Concen: 17.238 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion: 129 Resp: 61396
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.3





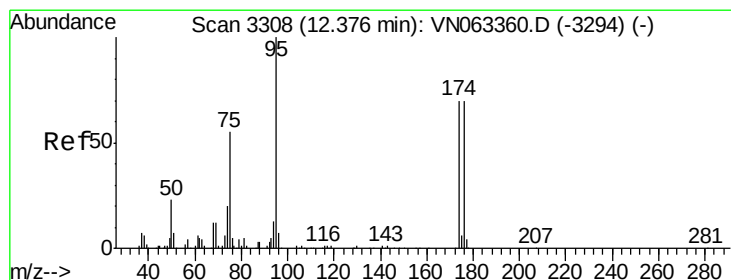
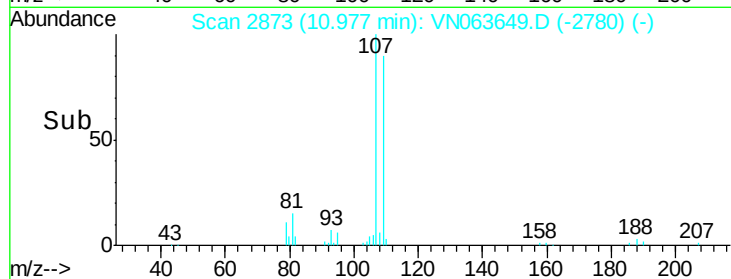
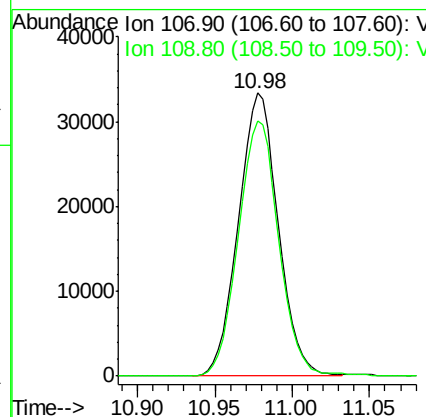
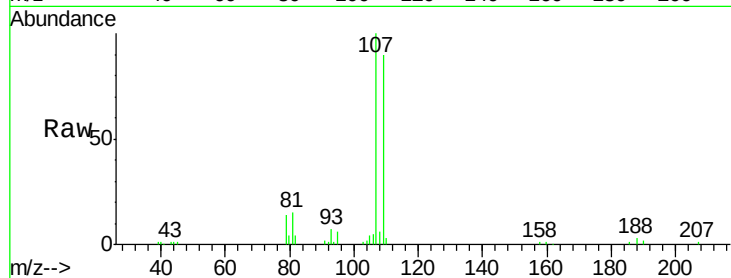
#61
 1,2-Dibromoethane
 Concen: 18.222 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.8	74.6	111.8

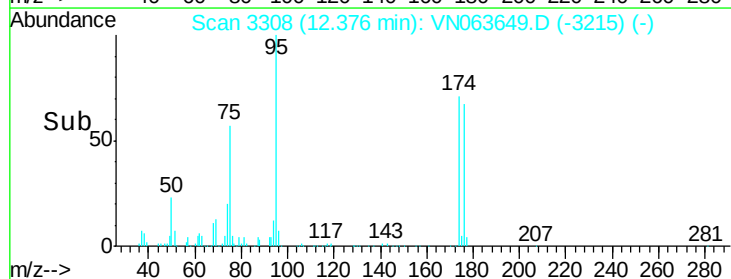
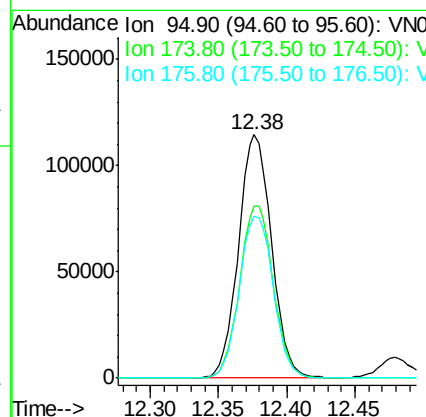
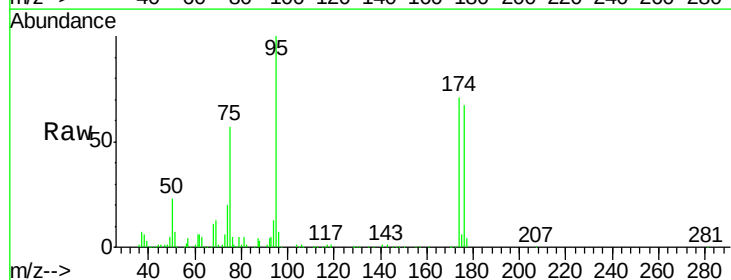
Manual Integrations
 APPROVED

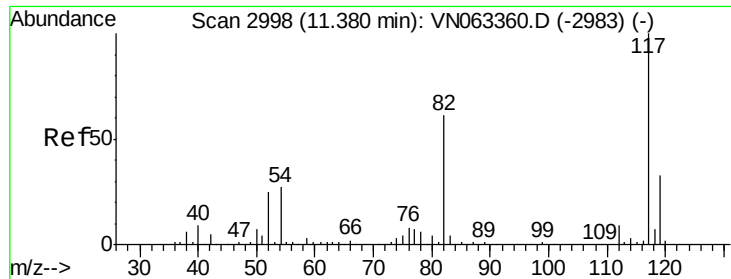
MMDadoda
 9/28/2020 5:17:28 PM



#62
 4-Bromofluorobenzene
 Concen: 46.533 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	140.8
176	68.6	0.0	137.6





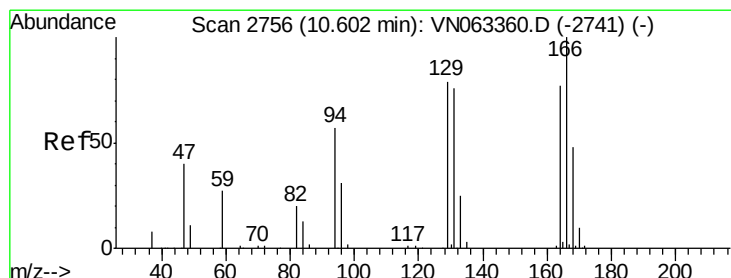
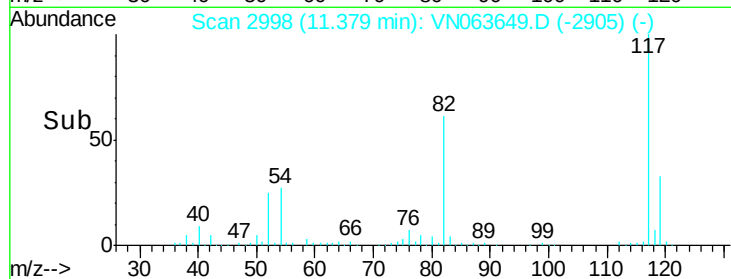
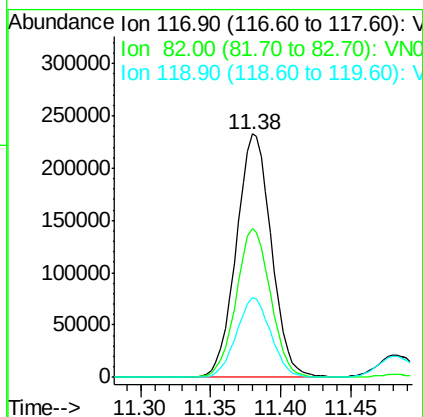
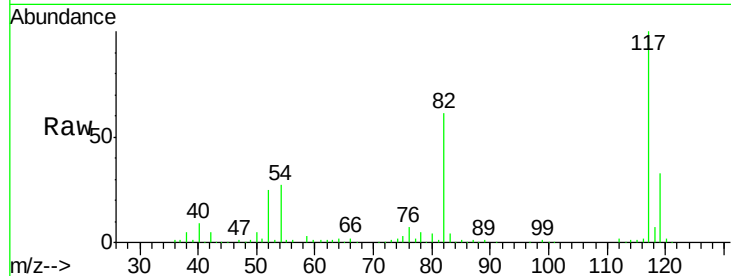
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	49.2	73.8
119	32.6	26.2	39.4

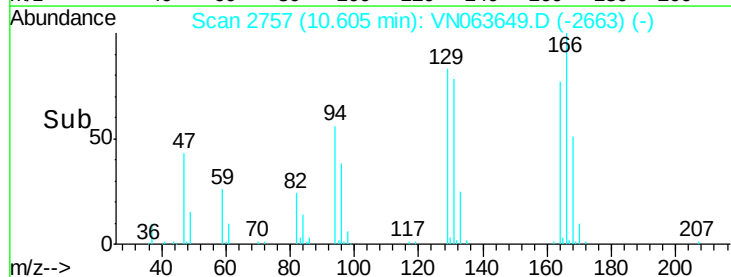
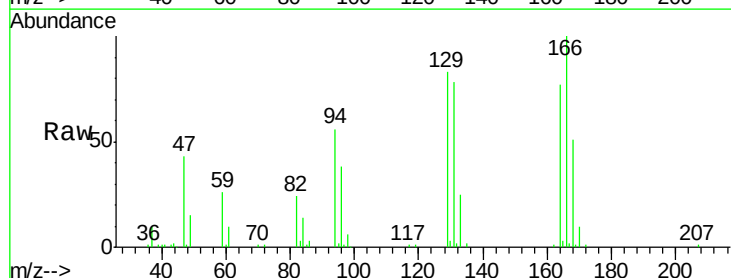
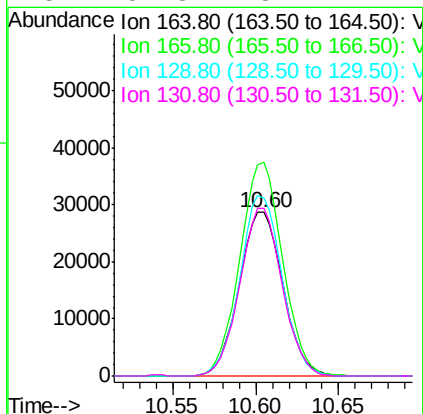
Manual Integrations
APPROVED

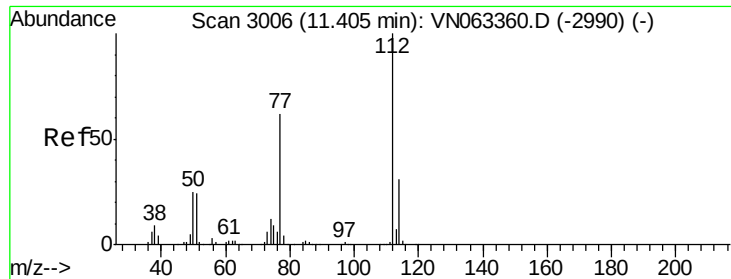
MMDadoda
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#64
Tetrachloroethene
Concen: 19.107 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	103.4	155.0
129	108.3	81.8	122.6
131	102.3	78.2	117.4





#65

Chlorobenzene

Concen: 17.214 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS02

Tot Ion:112 Resp: 148212

Ion Ratio Lower Upper

112 100

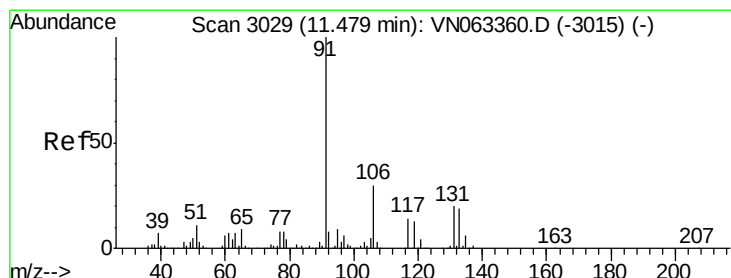
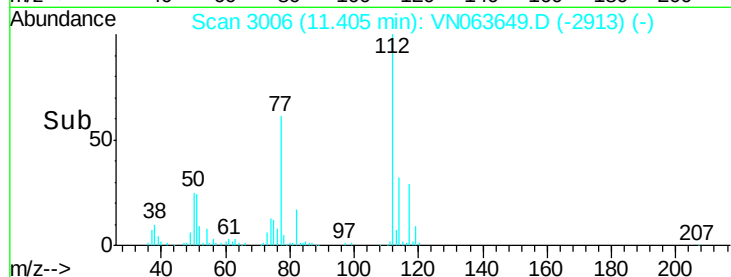
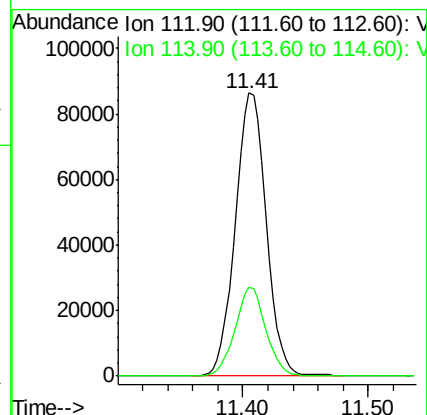
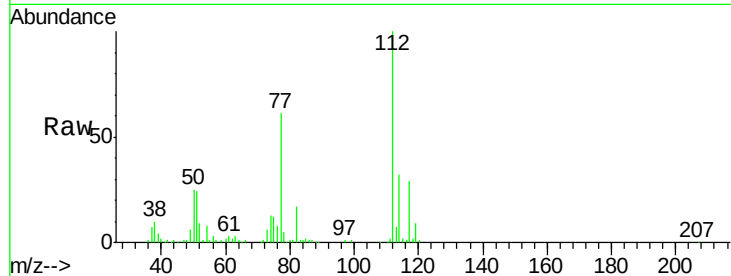
114 31.6 25.0 37.6

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.188 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

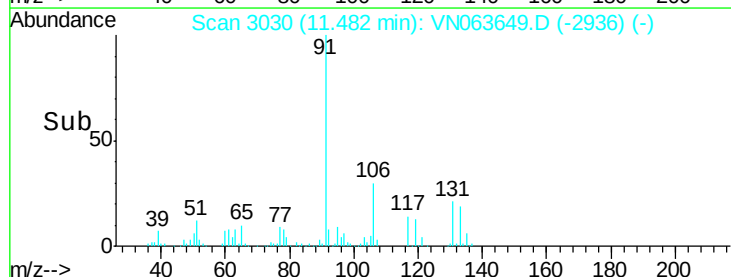
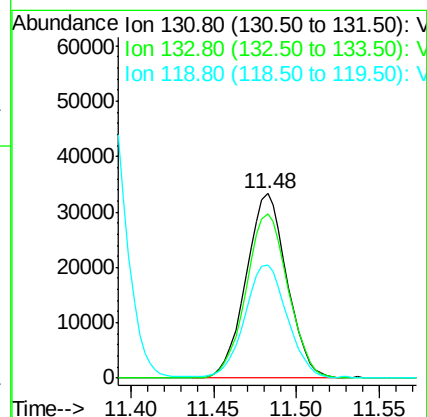
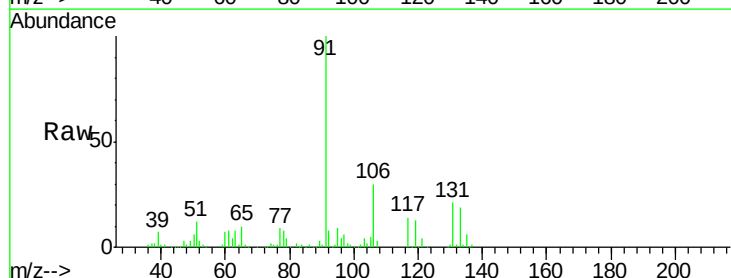
Tgt Ion:131 Resp: 57404

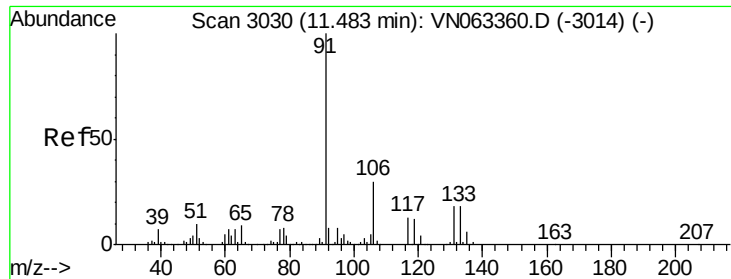
Ion Ratio Lower Upper

131 100

133 91.2 47.3 141.9

119 63.7 33.6 100.8





#67

Ethyl Benzene

Concen: 16.660 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

Tot Ion: 91 Resp: 270132

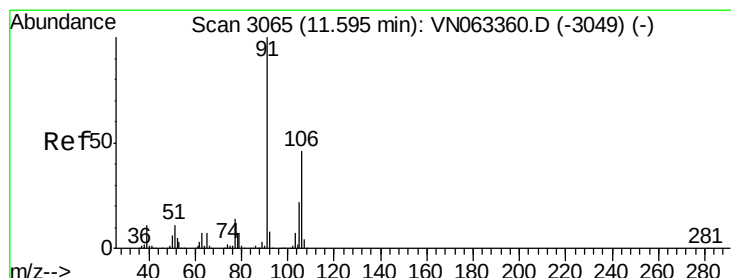
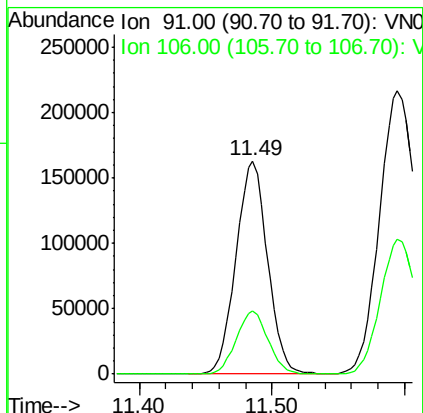
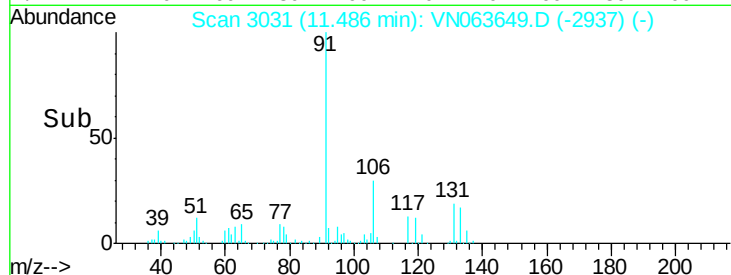
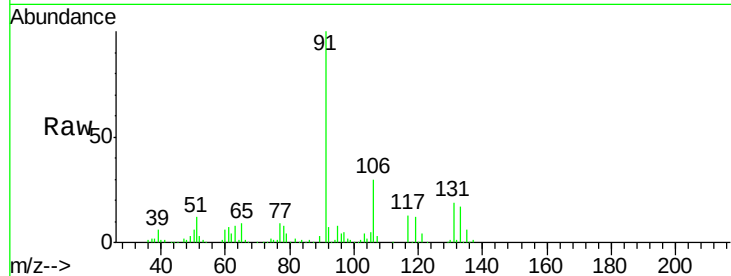
Ion Ratio Lower Upper

91 100

106 29.5 23.8 35.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 33.621 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063649.D

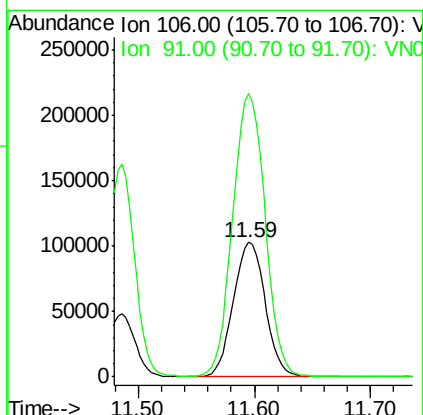
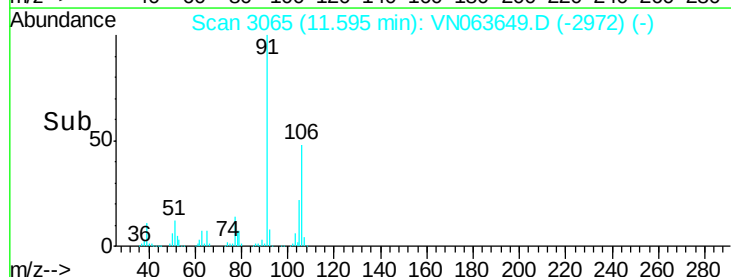
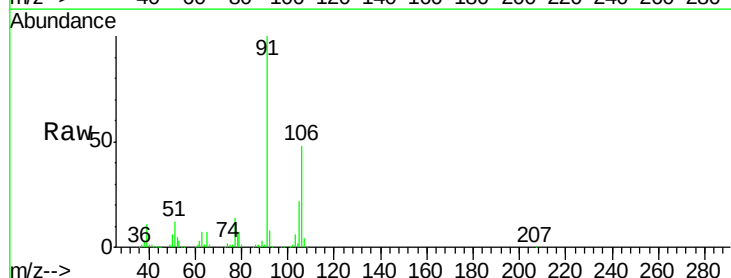
Acq: 25 Sep 2020 00:38

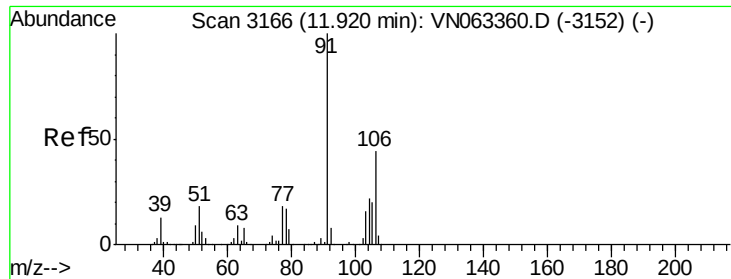
Tgt Ion: 106 Resp: 196551

Ion Ratio Lower Upper

106 100

91 213.3 171.2 256.8





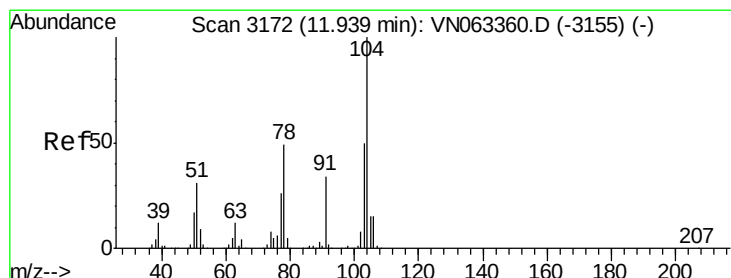
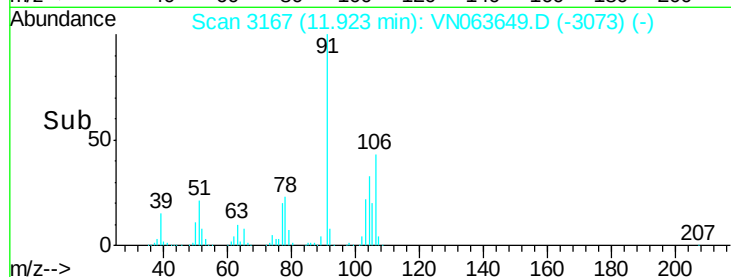
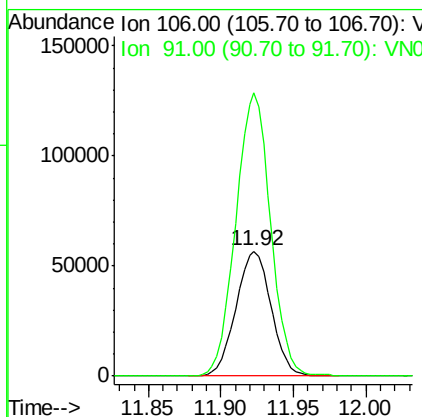
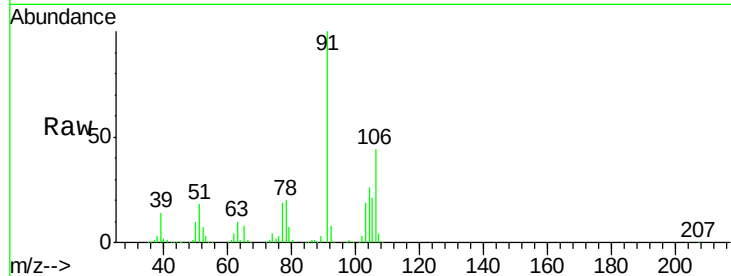
#69
o-Xylene
Concen: 17.193 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampled :
VN0924WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		95750		
91	223.6	113.6	340.8		

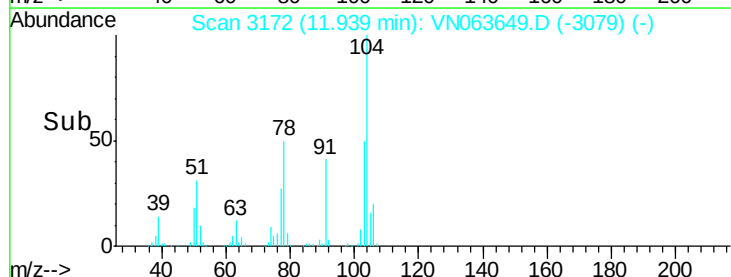
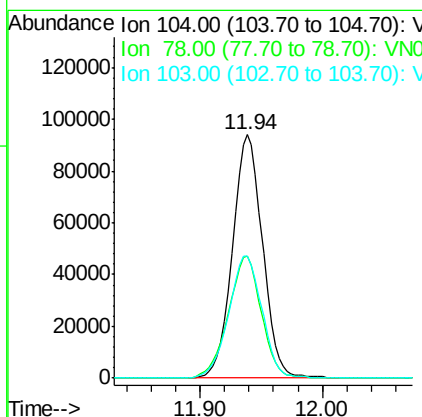
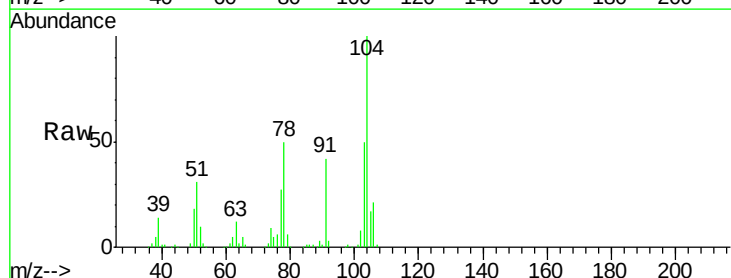
Manual Integrations
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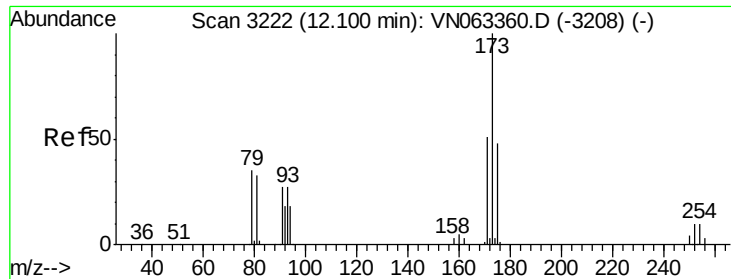
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#70
Styrene
Concen: 17.216 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		160783		
78	55.2	44.4	66.6		
103	55.9	43.7	65.5		





#71

Bromoform

Concen: 16.135 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

Tot Ion:173 Resp: 37937

Ion Ratio Lower Upper

173 100

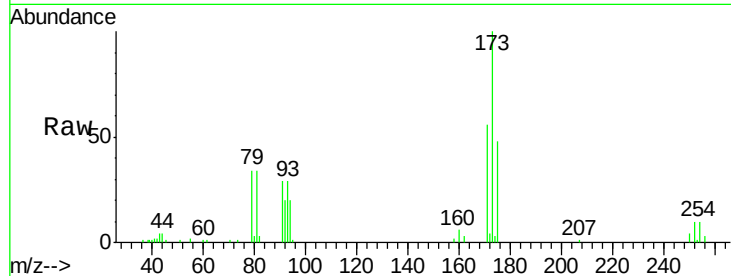
175 48.1 24.0 72.0

254 0.0 0.0 0.0

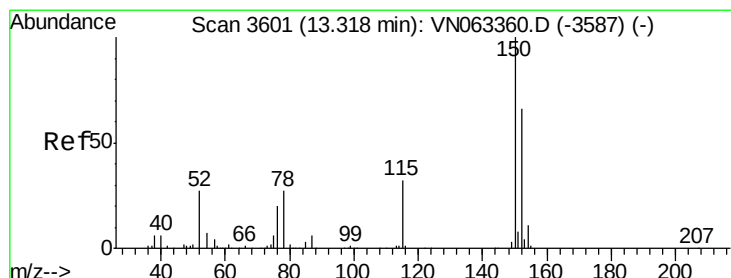
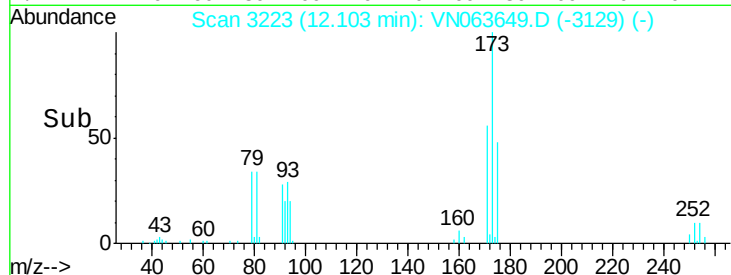
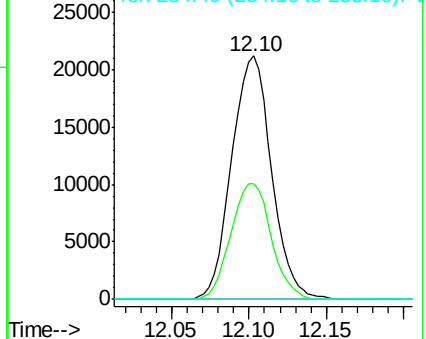
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

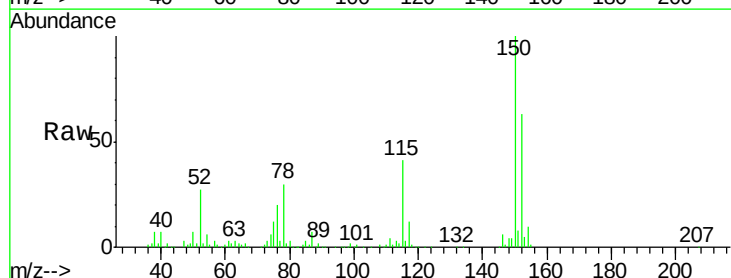
Tgt Ion:152 Resp: 185909

Ion Ratio Lower Upper

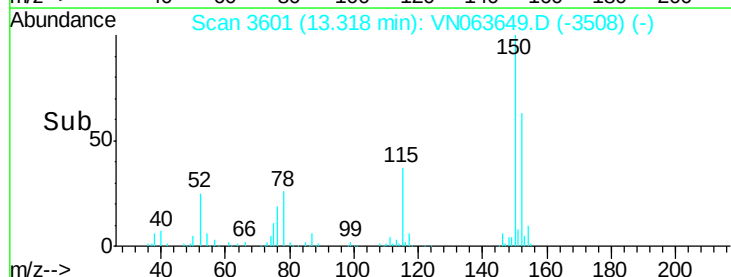
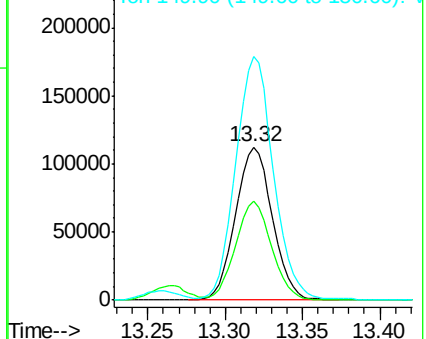
152 100

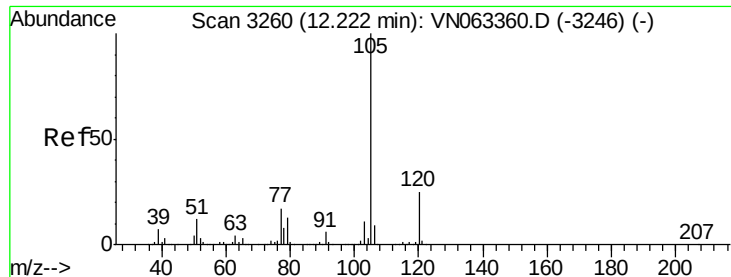
115 62.7 32.2 96.6

150 161.8 0.0 343.4



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





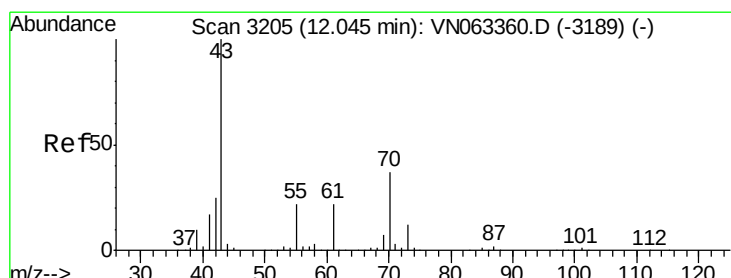
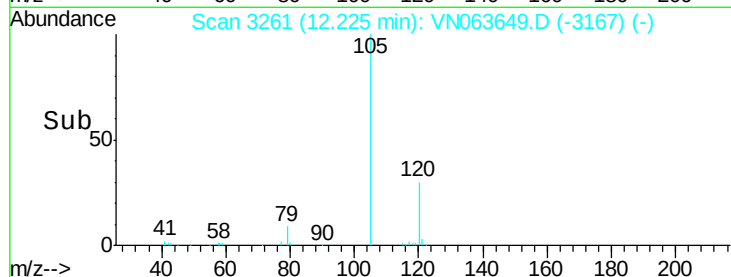
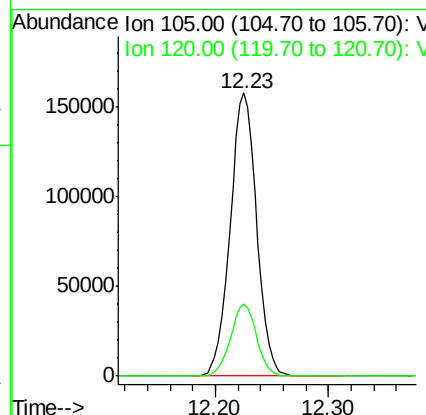
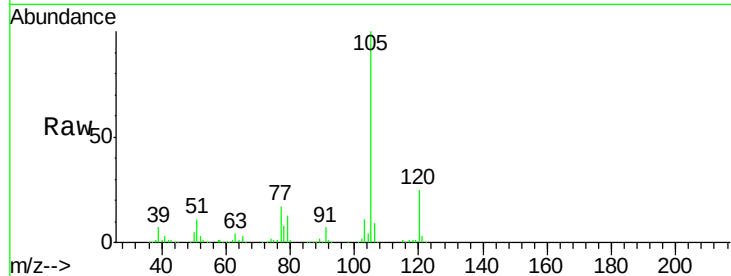
#73
Isopropylbenzene
Concen: 17.137 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.7	38.0

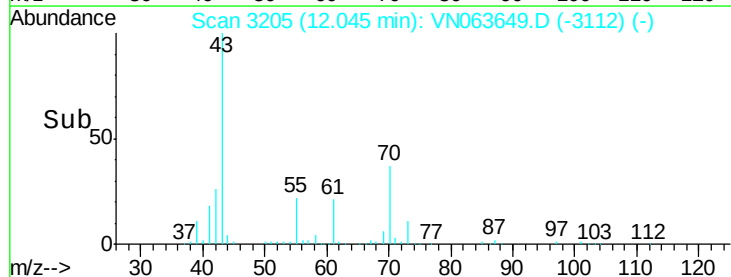
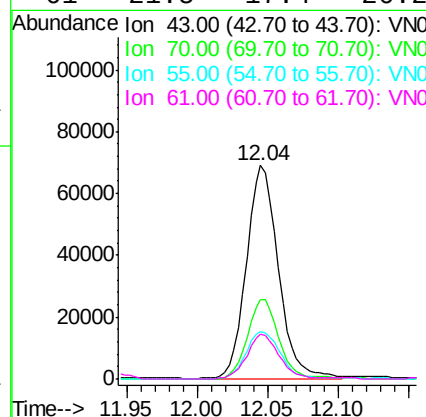
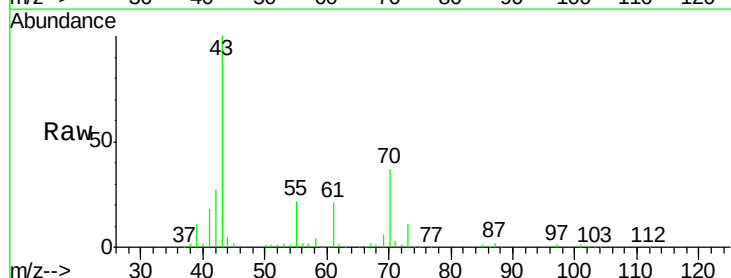
Manual Integrations
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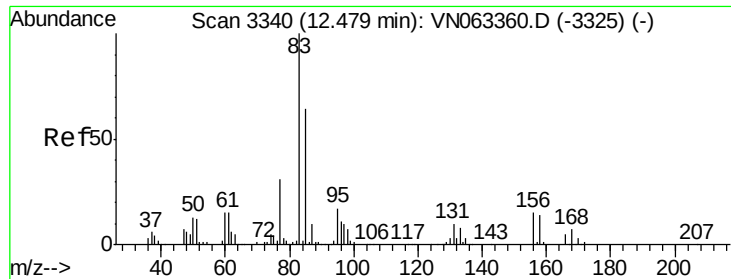
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#74
N-ethyl acetate
Concen: 15.731 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.7	29.6	44.4
55	23.6	17.7	26.5
61	21.5	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.528 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

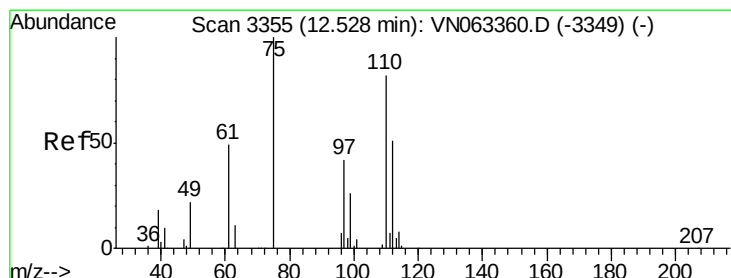
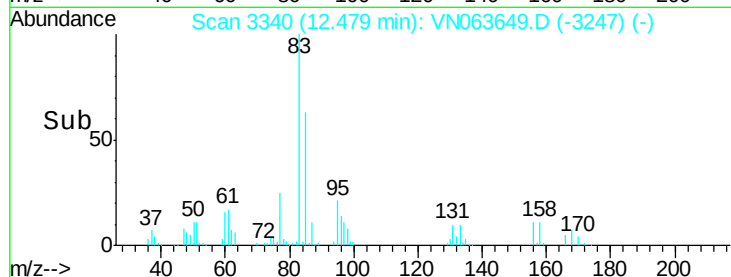
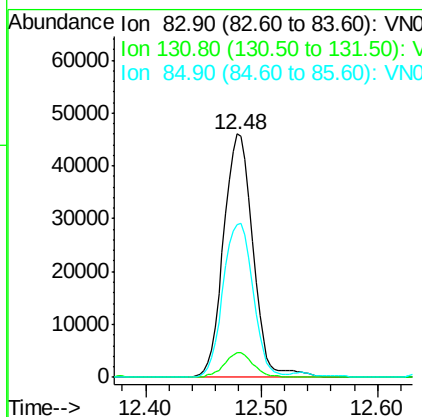
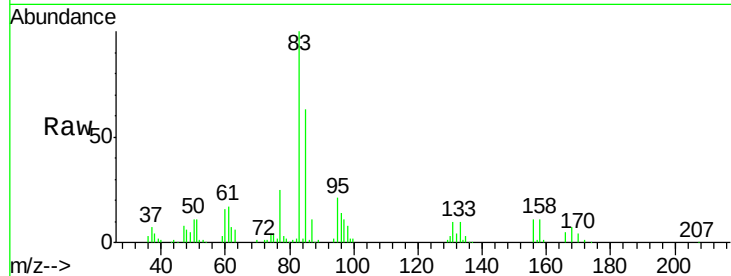
ClientSampleId :

VN0924WBS02

Tot Ion:	83	Resp:	80851
Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.7
85	64.5	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.010 ug/l m

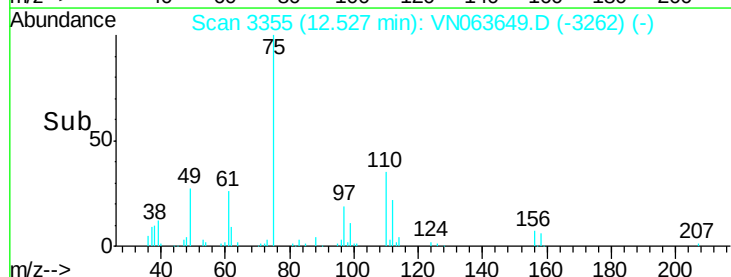
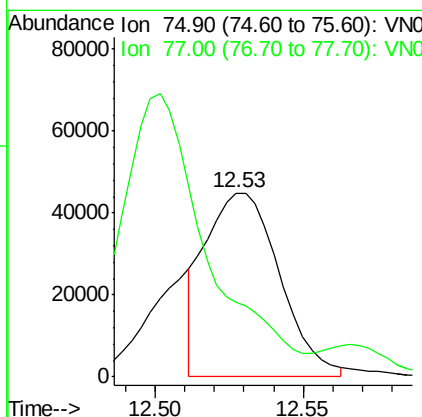
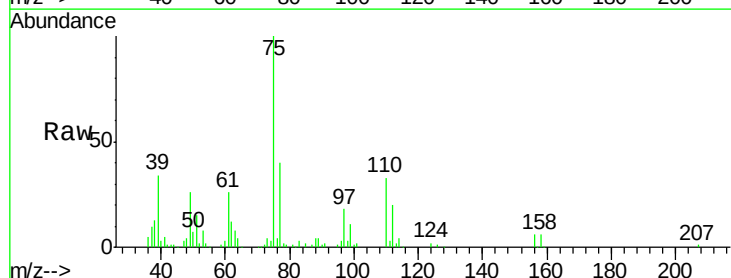
RT: 12.53 min Scan# 3355

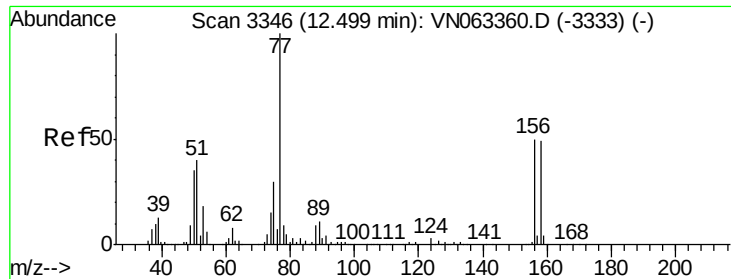
Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Tgt Ion:	75	Resp:	78273
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.923 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

Tot Ion:156 Resp: 60063

Ion Ratio Lower Upper

156 100

77 235.3 120.2 360.6

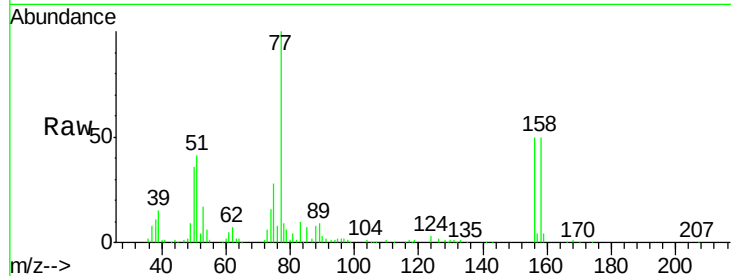
158 99.8 48.9 146.6

Manual Integrations

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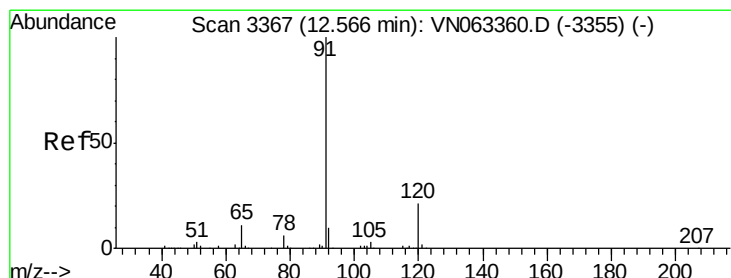
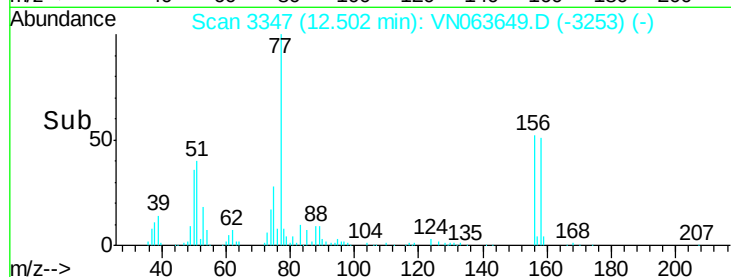
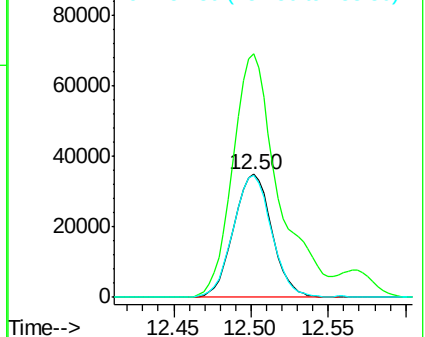
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.827 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063649.D

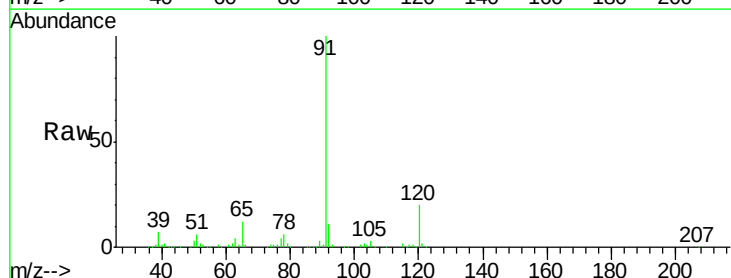
Acq: 25 Sep 2020 00:38

Tgt Ion: 91 Resp: 291981

Ion Ratio Lower Upper

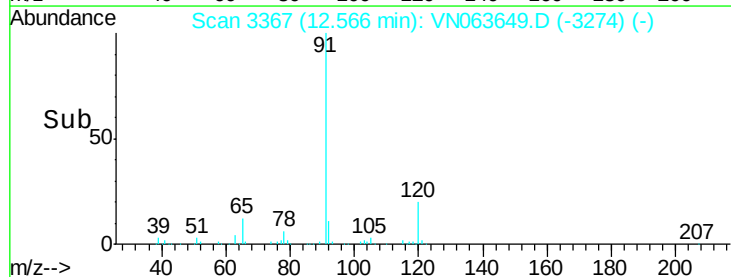
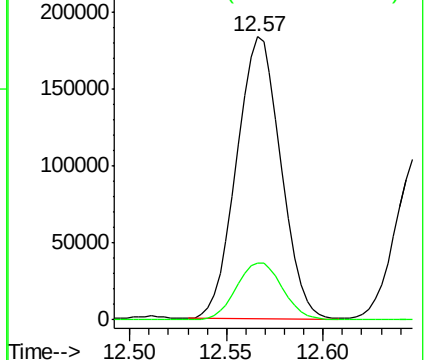
91 100

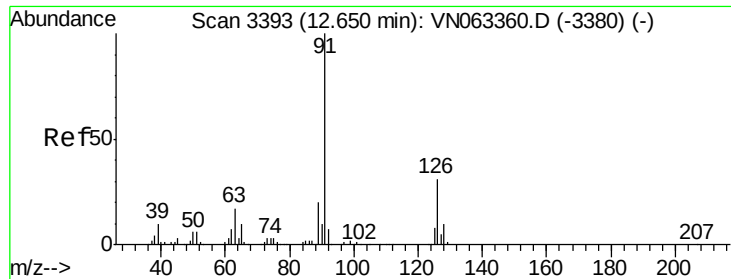
120 21.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.451 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS02

Tot Ion: 91 Resp: 181516

Ion Ratio Lower Upper

91 100

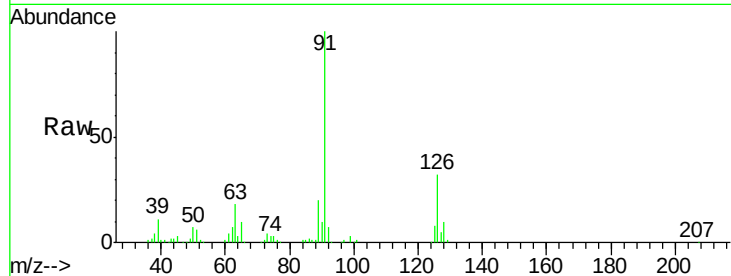
126 32.1 15.8 47.3

Manual Integrations

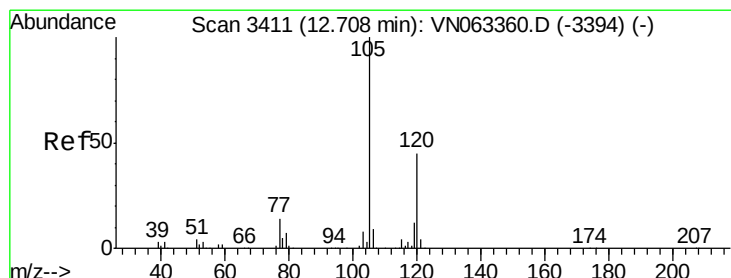
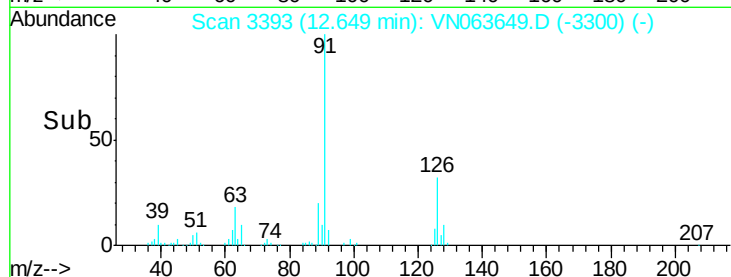
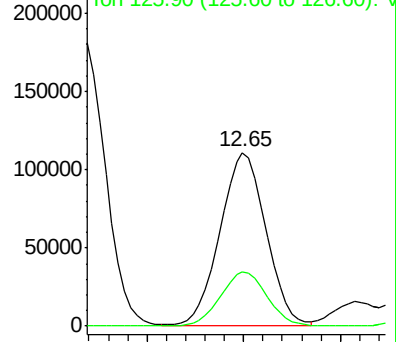
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Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.445 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063649.D

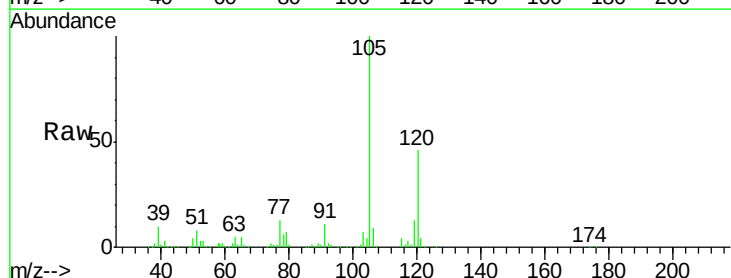
Acq: 25 Sep 2020 00:38

Tgt Ion: 105 Resp: 216718

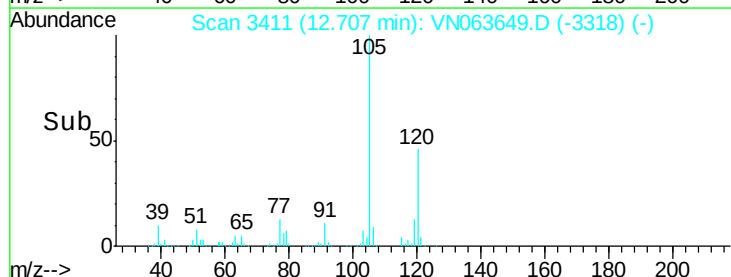
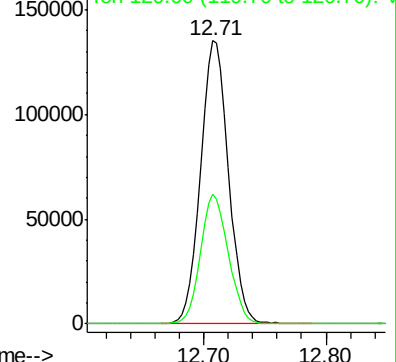
Ion Ratio Lower Upper

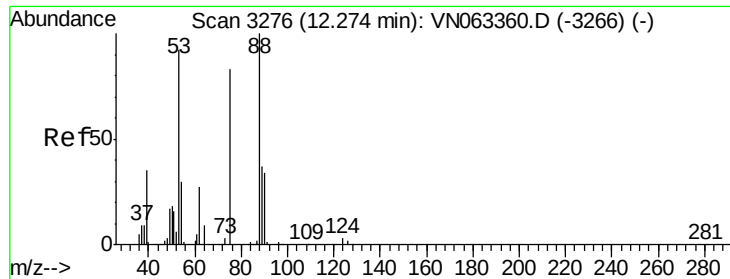
105 100

120 45.7 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)





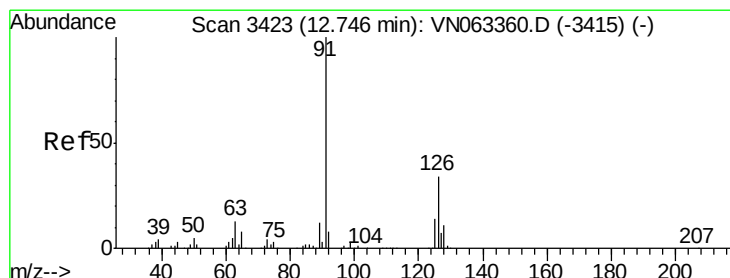
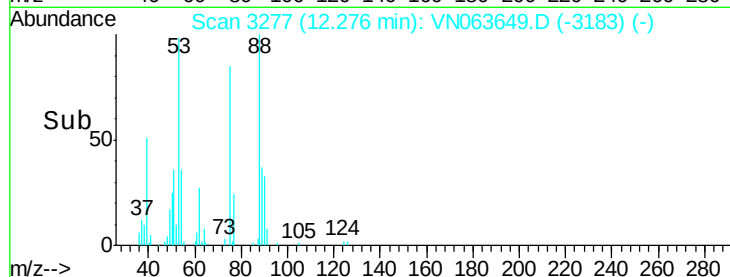
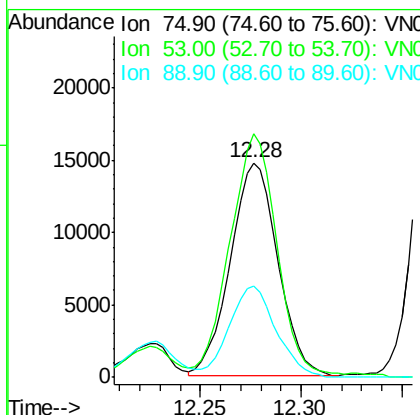
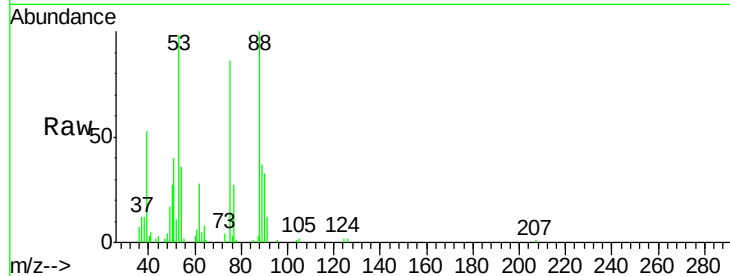
#81
trans-1,4-Dichloro-2-butene
Concen: 14.341 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.5	85.7	128.5
89	42.9	38.0	57.0

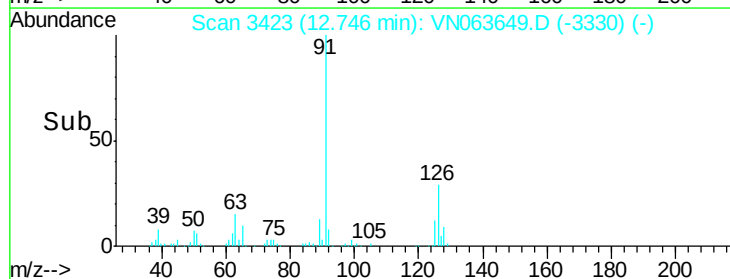
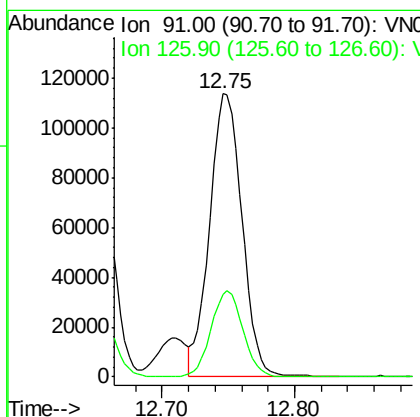
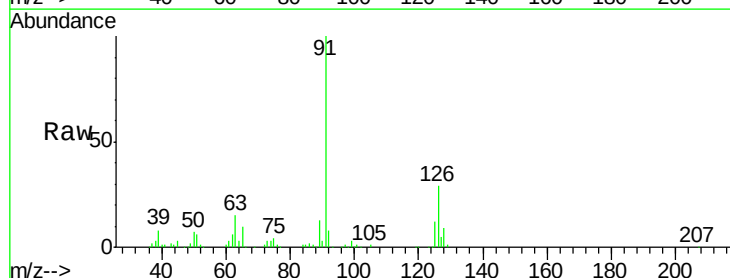
Manual Integrations
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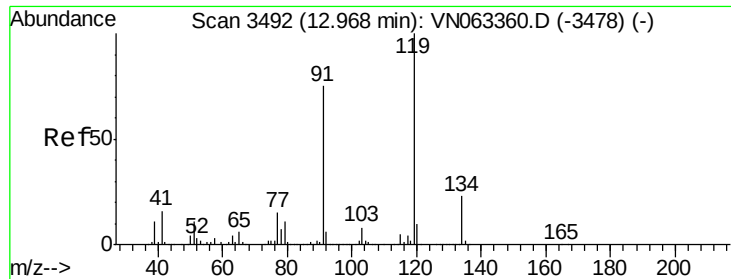
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#82
4-Chlorotoluene
Concen: 17.451 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.5	46.5





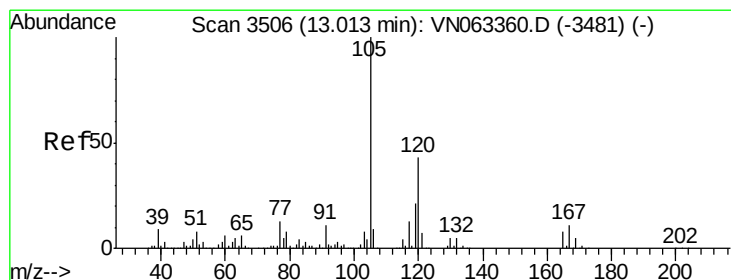
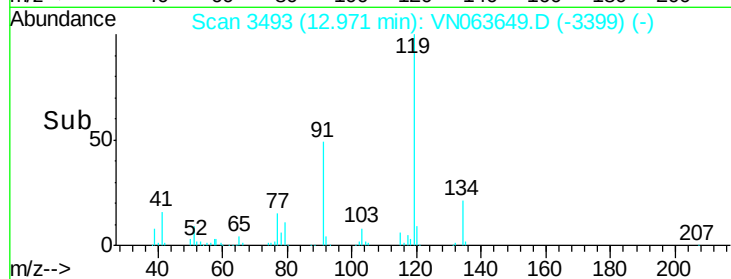
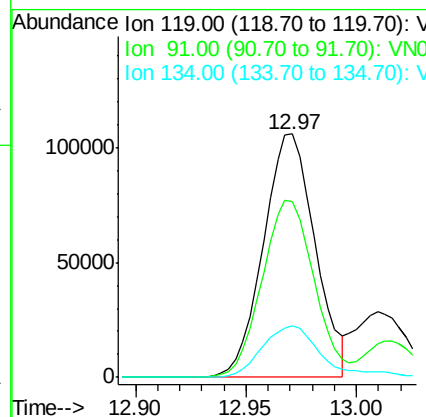
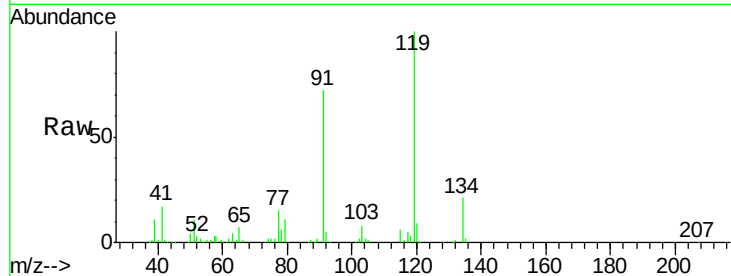
#83
 tert-Butylbenzene
 Concen: 16.798 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	73.2	36.3	108.9
134	24.4	12.3	36.8

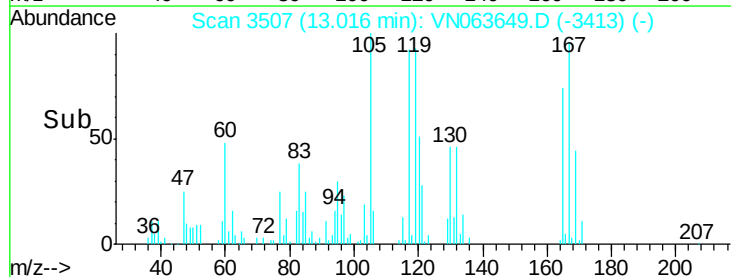
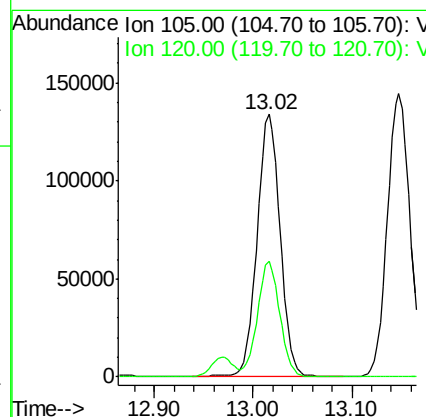
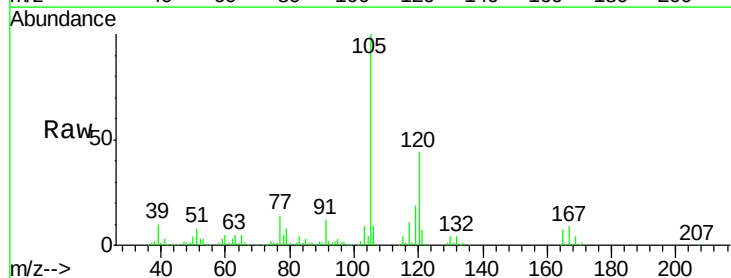
Manual Integrations
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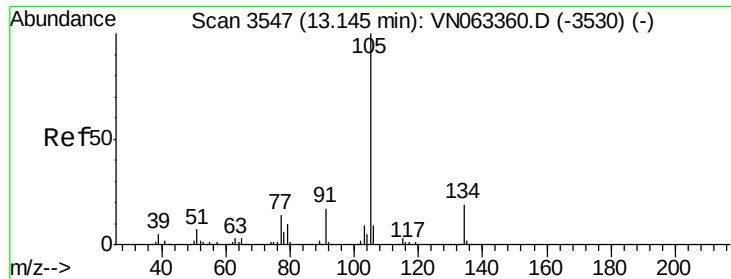
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.183 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.3	63.9





#85

sec-Butylbenzene

Concen: 16.715 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS02

Tot Ion:105 Resp: 229408

Ion Ratio Lower Upper

105 100

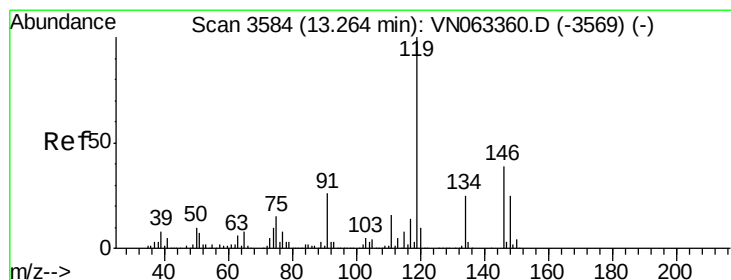
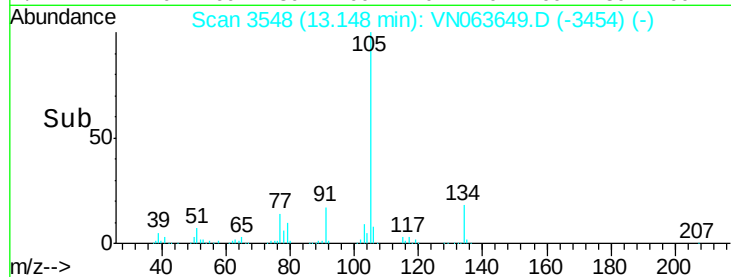
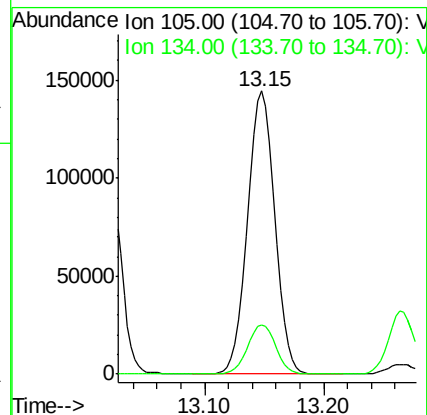
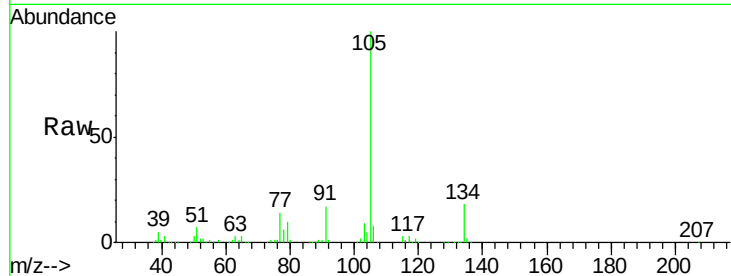
134 18.0 9.3 27.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 16.384 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

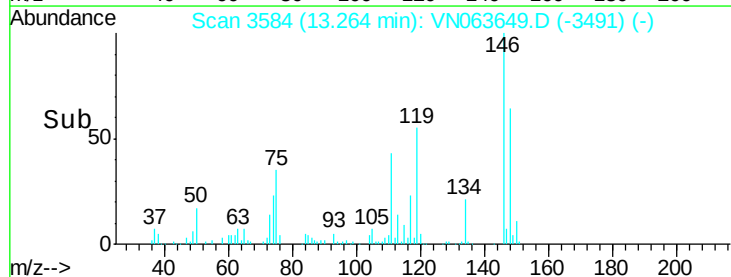
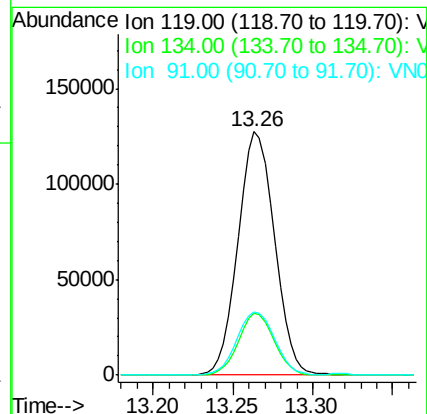
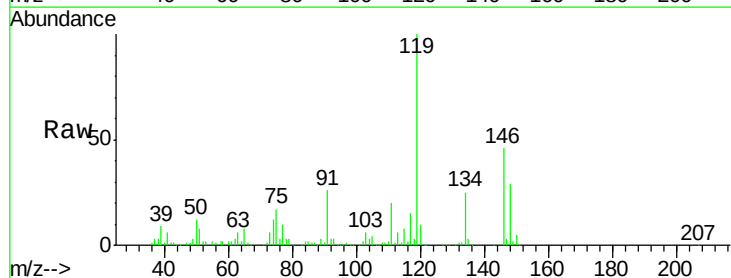
Tgt Ion:119 Resp: 198330

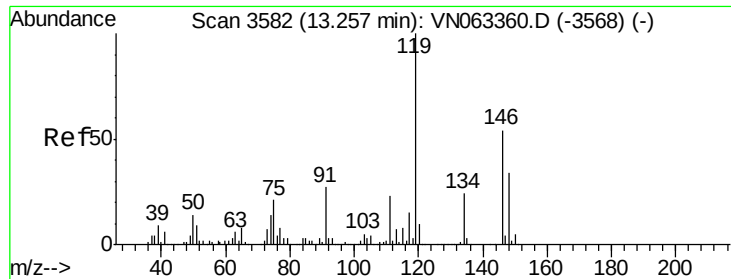
Ion Ratio Lower Upper

119 100

134 24.7 12.5 37.5

91 27.0 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 17.451 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

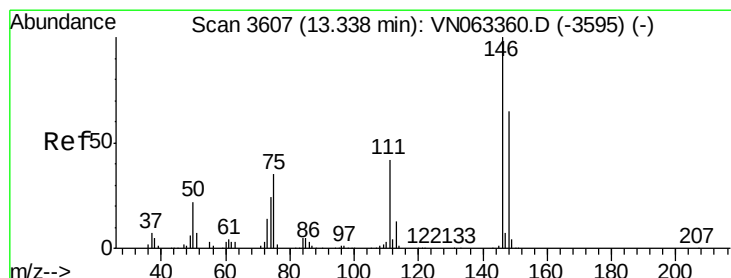
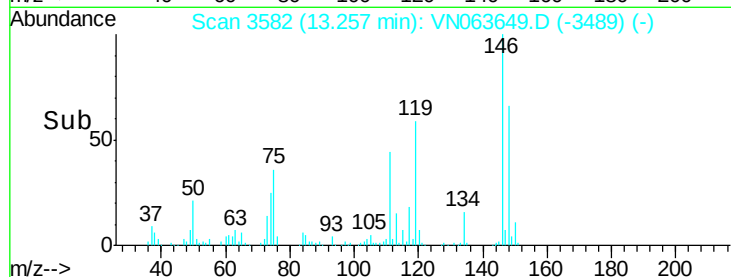
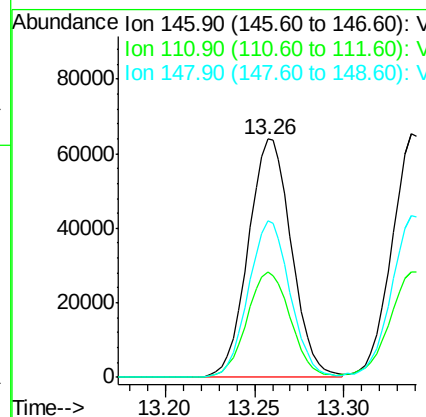
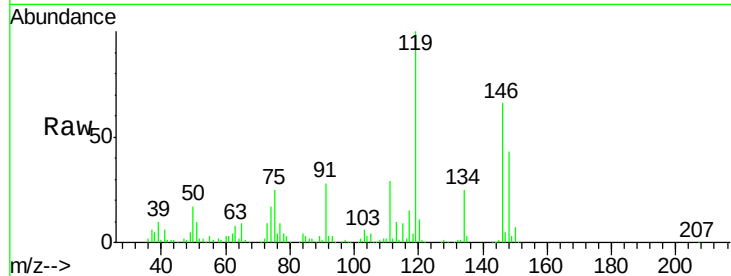
ClientSampleId :

VN0924WBS02

Tot Ion:	146	Resp:	108393
Ion Ratio	Lower	Upper	
146	100		
111	44.5	21.4	64.3
148	63.4	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 16.853 ug/l

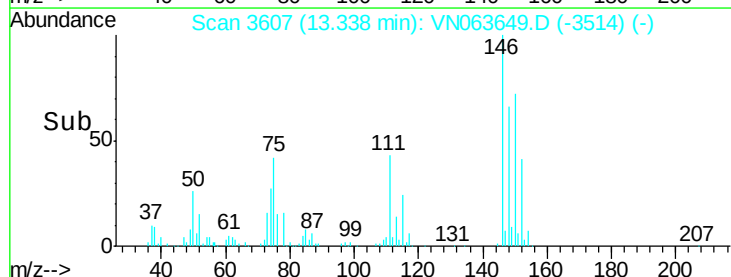
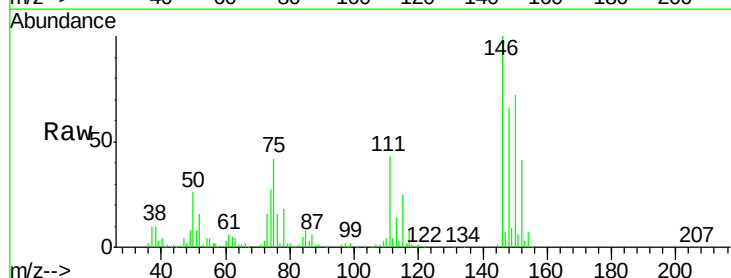
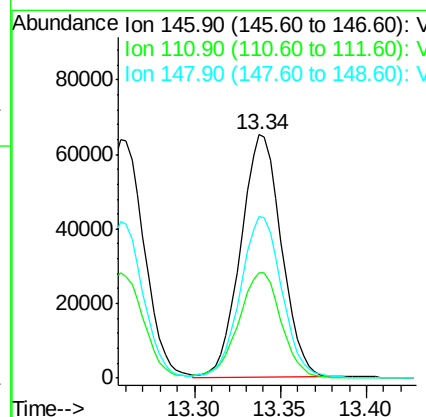
RT: 13.34 min Scan# 3607

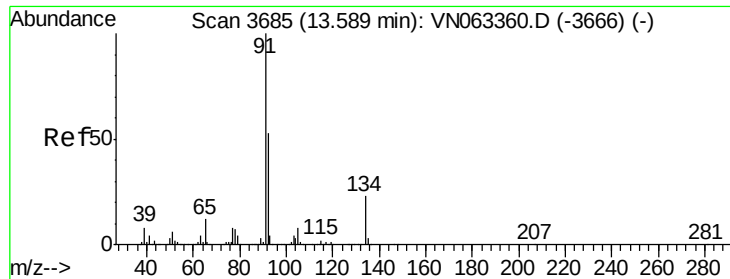
Delta R.T. -0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Tgt Ion:	146	Resp:	106423
Ion Ratio	Lower	Upper	
146	100		
111	46.2	21.2	63.6
148	68.1	31.9	95.9





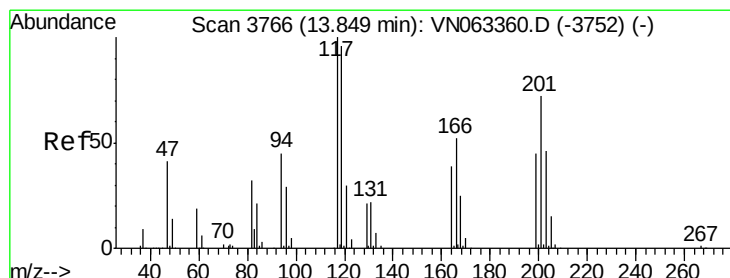
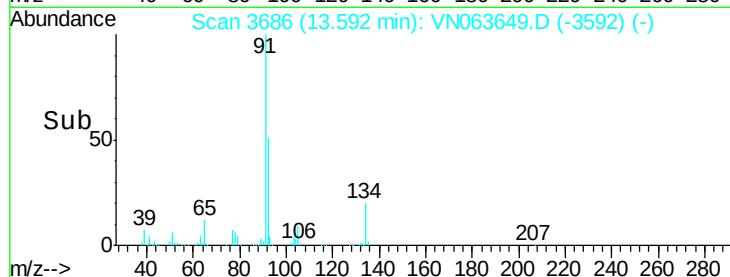
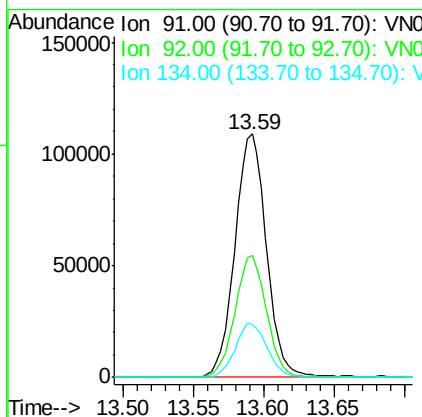
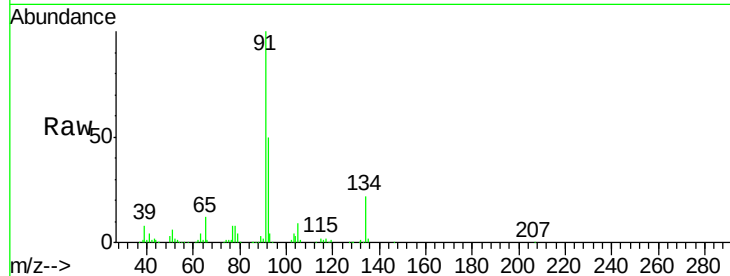
#89
n-Butylbenzene
Concen: 15.335 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.0	26.0	78.0
134	22.4	11.7	35.0

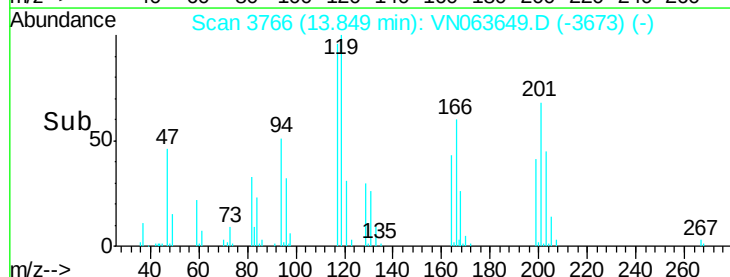
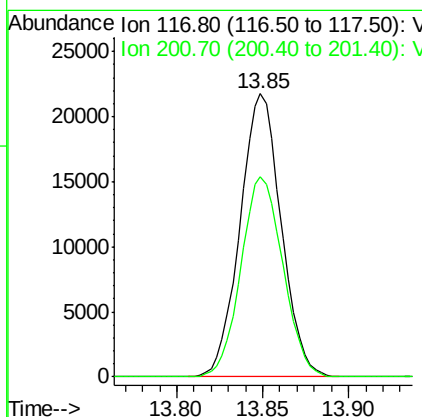
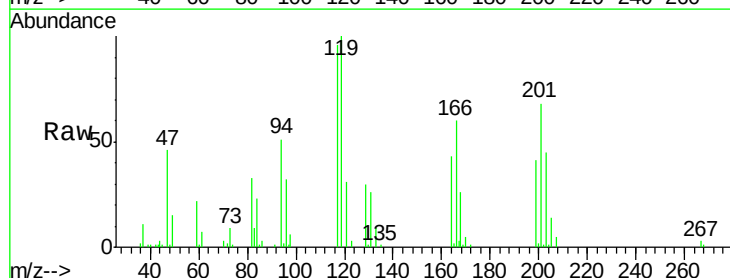
Manual Integrations
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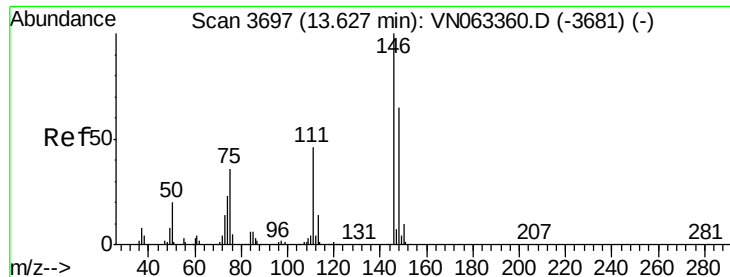
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#90
Hexachloroethane
Concen: 15.635 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063649.D
Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.2	35.5	106.7





#91

1,2-Dichlorobenzene

Concen: 17.884 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

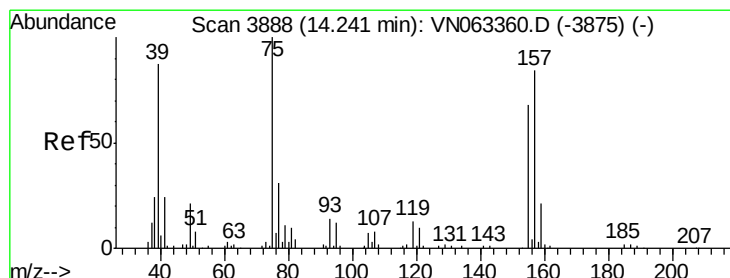
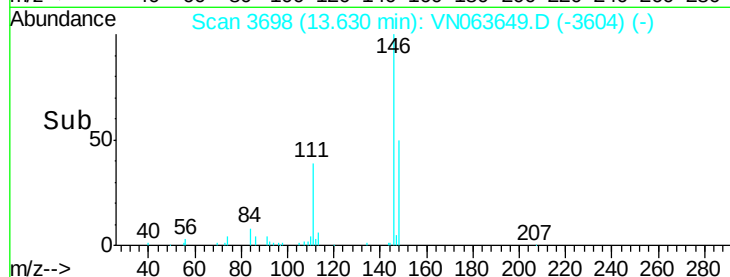
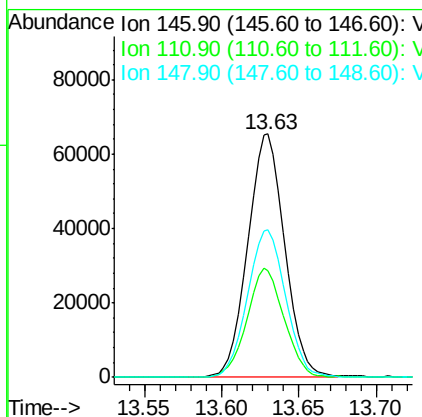
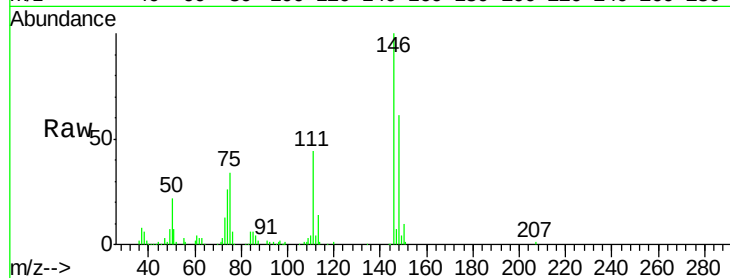
ClientSampleId :

VN0924WBS02

Tot Ion:	146	Resp:	109057
Ion Ratio	Lower	Upper	
146	100		
111	45.0	22.4	67.2
148	62.6	32.0	96.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 15.700 ug/l

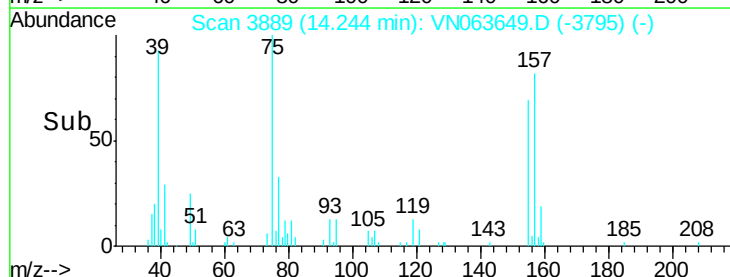
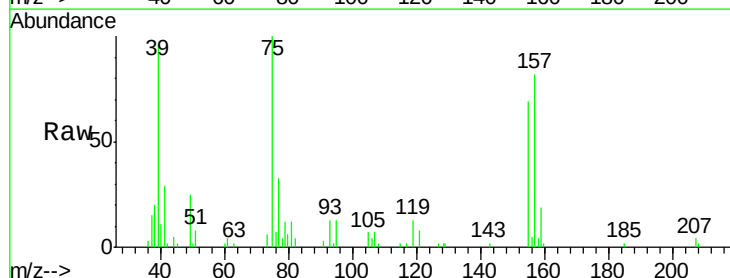
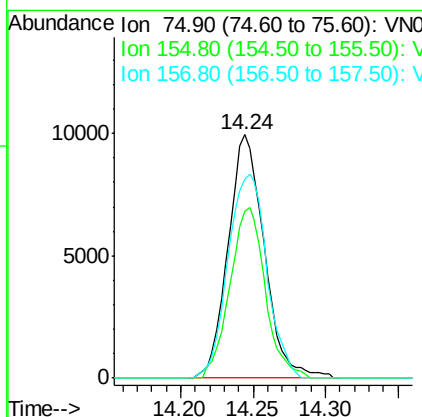
RT: 14.24 min Scan# 3889

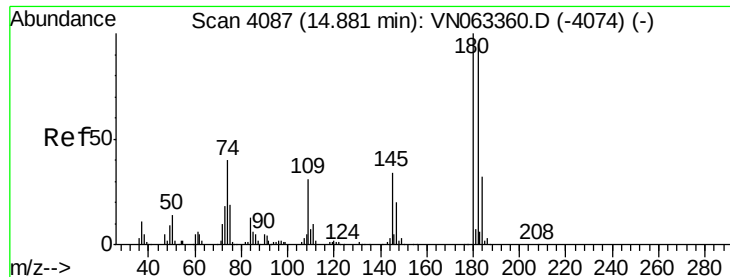
Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Tgt Ion:	75	Resp:	17245
Ion Ratio	Lower	Upper	
75	100		
155	68.2	34.6	103.9
157	89.7	43.7	131.1





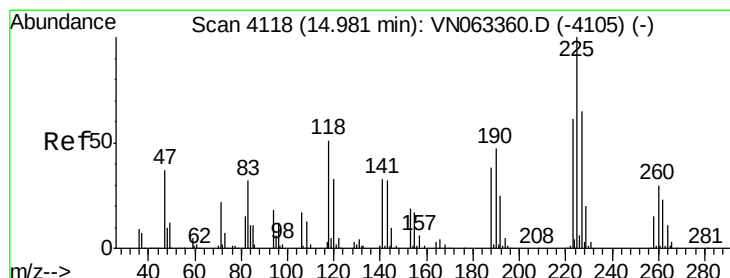
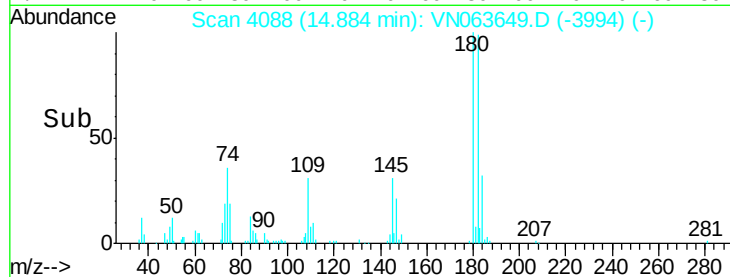
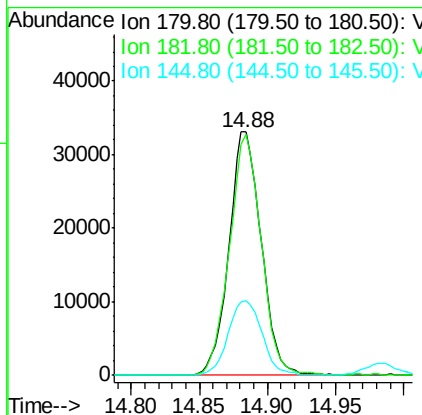
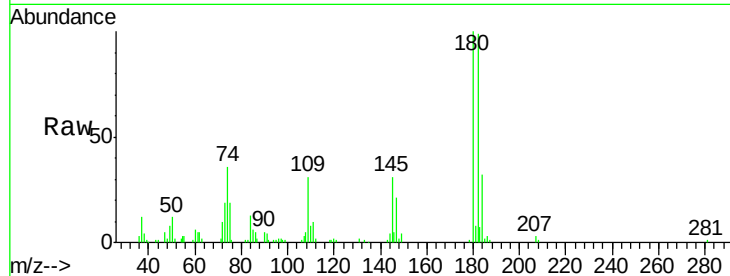
#93
 1,2,4-Trichlorobenzene
 Concen: 15.129 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.3	142.0
145	32.0	16.6	49.7

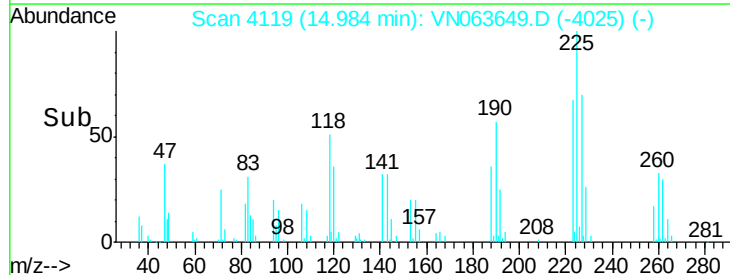
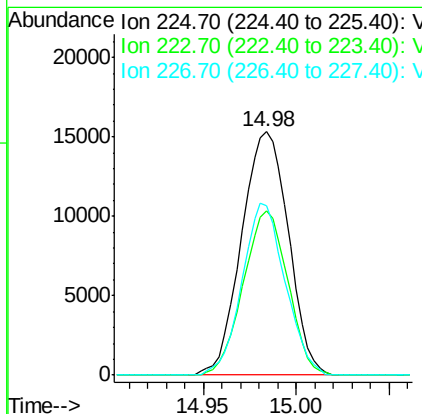
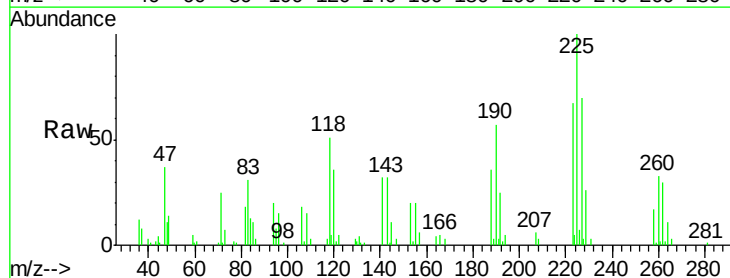
Manual Integrations
 APPROVED

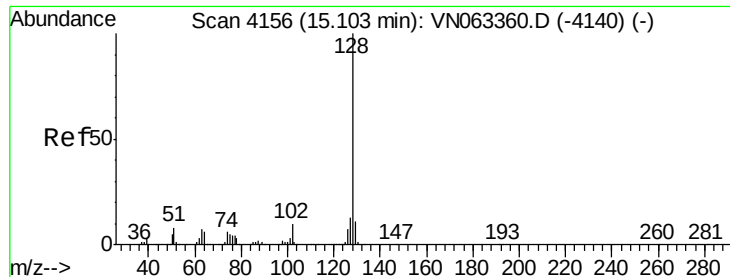
MMDadoda
 9/28/2020 5:17:28 PM



#94
 Hexachlorobutadiene
 Concen: 18.072 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063649.D
 Acq: 25 Sep 2020 00:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.6	91.6
227	65.1	31.2	93.6





#95

Naphthalene

Concen: 14.716 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Instrument :

MSVOA_N

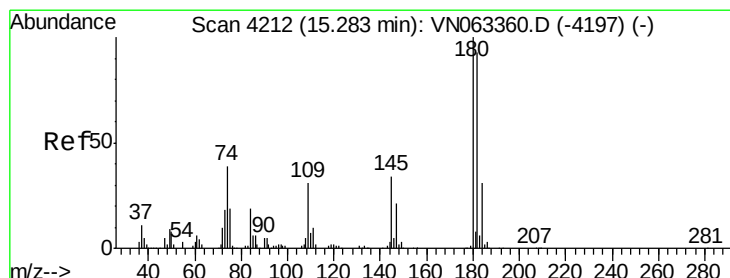
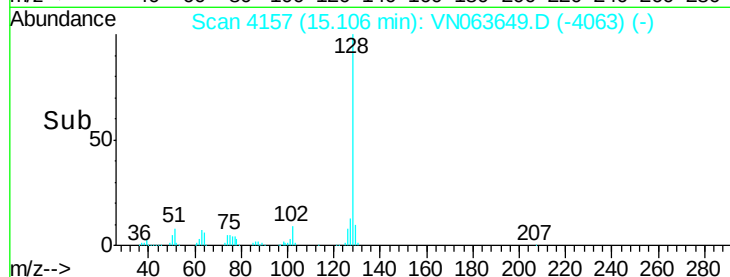
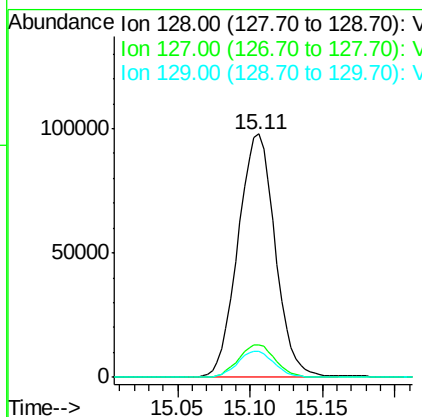
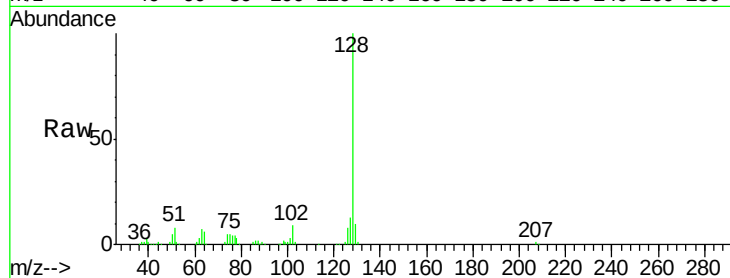
ClientSampleId :

VN0924WBS02

Tot Ion:	128	Resp:	174789
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/28/2020 5:17:28 PM



#96

1,2,3-Trichlorobenzene

Concen: 15.348 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063649.D

Acq: 25 Sep 2020 00:38

Tgt Ion:	180	Resp:	53314
Ion Ratio	Lower	Upper	
180	100		
182	100.7	46.7	140.1
145	34.1	16.8	50.3

