

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064776.D
 Acq On : 23 Nov 2020 11:22
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:01:04 PM

Quant Time: Nov 23 13:19:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:11:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	212580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	338180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	302947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	1948	0.775 ug/l	93
3) Chloromethane	2.04	50	2539	0.893 ug/l	98
4) Vinyl Chloride	2.16	62	2627	0.890 ug/l #	82
6) Chloroethane	2.67	64	1554	0.790 ug/l #	78
7) Trichlorofluoromethane	2.99	101	3674	0.716 ug/l	97
8) Diethyl Ether	3.36	74	1416	0.834 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2057m	0.890 ug/l	
12) 1,1-Dichloroethene	3.69	96	2250	1.005 ug/l #	76
14) Allyl chloride	4.28	41	3512	0.923 ug/l #	32
15) Acrylonitrile	4.94	53	4926m	4.639 ug/l	
16) Acetone	3.78	43	4393	4.823 ug/l	94
17) Carbon Disulfide	4.00	76	7943	1.154 ug/l	98
18) Methyl Acetate	4.28	43	2481	0.892 ug/l #	69
19) Methyl tert-butyl Ether	4.99	73	6147m	0.829 ug/l	
20) Methylene Chloride	4.50	84	3067	1.133 ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	2498	1.003 ug/l	85
22) Diisopropyl ether	5.90	45	6286	0.787 ug/l #	87
23) Vinyl Acetate	5.84	43	23201	3.607 ug/l	100
24) 1,1-Dichloroethane	5.79	63	3889	0.826 ug/l #	82
25) 2-Butanone	6.79	43	5784	4.102 ug/l	99
26) 2,2-Dichloropropane	6.77	77	3605	0.820 ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	2519	0.916 ug/l	80
28) Bromochloromethane	7.14	49	1757	0.746 ug/l #	50
29) Tetrahydrofuran	7.17	42	4134	4.352 ug/l	97
30) Chloroform	7.33	83	4230	0.836 ug/l	91
32) 1,1,1-Trichloroethane	7.52	97	3472	0.754 ug/l #	39
36) 1,1-Dichloropropene	7.75	75	2955	0.866 ug/l	97
37) Ethyl Acetate	6.88	43	2935	1.013 ug/l #	73
38) Carbon Tetrachloride	7.73	117	3005	0.836 ug/l #	89
39) Methylcyclohexane	9.05	83	3132	1.003 ug/l	95
40) Benzene	8.00	78	9451	0.983 ug/l	94
41) Methacrylonitrile	7.13	41	1391	1.059 ug/l #	14
42) 1,2-Dichloroethane	8.09	62	3171	0.795 ug/l	91
43) Isopropyl Acetate	8.13	43	4309	0.780 ug/l #	86

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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)
44) Trichloroethene	8.80	130	3061	1.097	ug/l	87
45) 1,2-Dichloropropane	9.09	63	2393	0.938	ug/l	97
46) Dibromomethane	9.17	93	1587	0.887	ug/l	94
47) Bromodichloromethane	9.37	83	3104	0.829	ug/l #	96
48) Methyl methacrylate	9.16	41	1987	0.764	ug/l #	63
49) 1,4-Dioxane	9.16	88	849	24.159	ug/l #	87
51) 4-Methyl-2-Pentanone	9.95	43	12286	4.083	ug/l	98
52) Toluene	10.13	92	5458	0.925	ug/l	94
53) t-1,3-Dichloropropene	10.35	75	3527	0.879	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	3476	0.830	ug/l #	83
55) 1,1,2-Trichloroethane	10.53	97	2505	1.059	ug/l	92
56) Ethyl methacrylate	10.40	69	2670	0.809	ug/l	98
57) 1,3-Dichloropropane	10.68	76	3944	0.963	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	7976	4.382	ug/l	99
59) 2-Hexanone	10.72	43	8441	3.885	ug/l	91
60) Dibromochloromethane	10.87	129	2478	0.903	ug/l	98
61) 1,2-Dibromoethane	10.97	107	2264	0.896	ug/l	95
64) Tetrachloroethene	10.60	164	3124	1.153	ug/l	96
65) Chlorobenzene	11.41	112	6624	1.036	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.48	131	2176	0.906	ug/l #	60
67) Ethyl Benzene	11.48	91	9948	0.887	ug/l	97
68) m/p-Xylenes	11.59	106	7061	1.742	ug/l	97
69) o-Xylene	11.92	106	3221	0.818	ug/l	94
70) Styrene	11.94	104	5181	0.777	ug/l	99
71) Bromoform	12.10	173	1822	1.081	ug/l #	84
73) Isopropylbenzene	12.22	105	8853	0.939	ug/l	100
74) N-amyl acetate	12.04	43	3132	0.730	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	2653	1.002	ug/l #	87
76) 1,2,3-Trichloropropane	12.53	75	3471m	1.213	ug/l	
77) Bromobenzene	12.50	156	2751	1.148	ug/l	94
78) n-propylbenzene	12.56	91	9683	0.885	ug/l	100
79) 2-Chlorotoluene	12.65	91	6690	0.961	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	6276	0.802	ug/l	100
82) 4-Chlorotoluene	12.75	91	7055	0.955	ug/l	95
83) tert-Butylbenzene	12.97	119	5881	0.963	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	6391	0.803	ug/l	97
85) sec-Butylbenzene	13.14	105	7576	0.928	ug/l	93
86) p-Isopropyltoluene	13.26	119	6197	0.824	ug/l	96
87) 1,3-Dichlorobenzene	13.25	146	4533	1.043	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	5812	1.299	ug/l	90
89) n-Butylbenzene	13.59	91	6286	0.906	ug/l	99
90) Hexachloroethane	13.84	117	1189	0.948	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	4614	1.082	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	618	0.906	ug/l	74
93) 1,2,4-Trichlorobenzene	14.88	180	3341	1.401	ug/l	97
94) Hexachlorobutadiene	14.98	225	1939	1.607	ug/l	94
95) Naphthalene	15.11	128	9752	1.292	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	3519	1.534	ug/l	96

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Misc : 5.00mL/MSVOA N/WATER
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MSVOA_N
ClientSampleId :
VSTDICC001

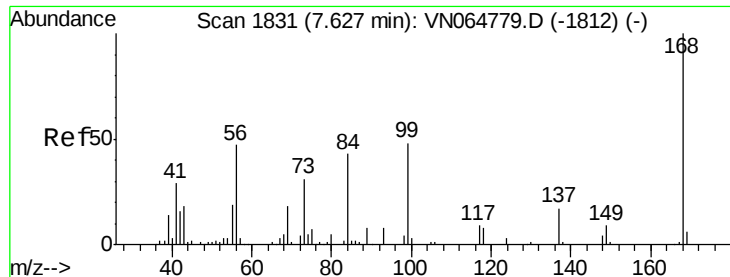
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:11:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 212580

Ion Ratio Lower Upper

168 100

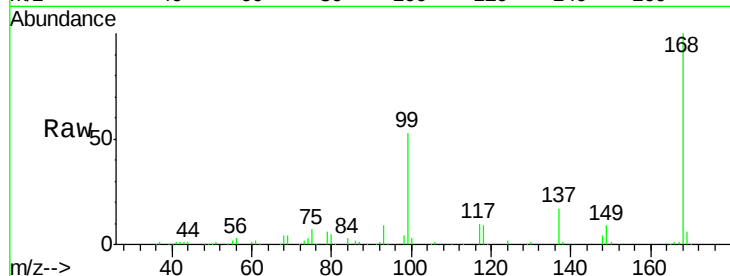
99 53.3 43.0 64.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

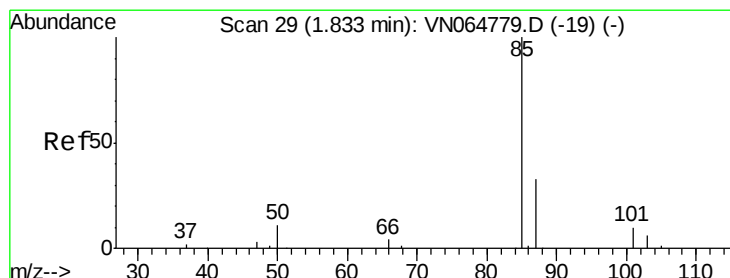
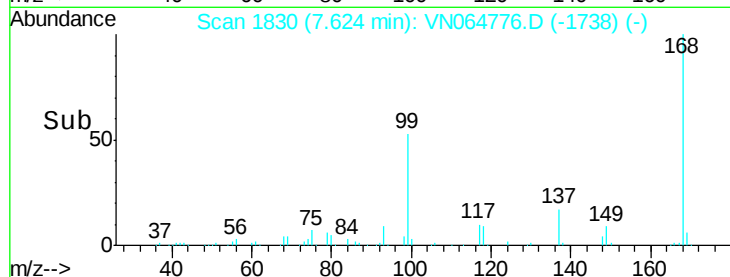
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.775 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064776.D

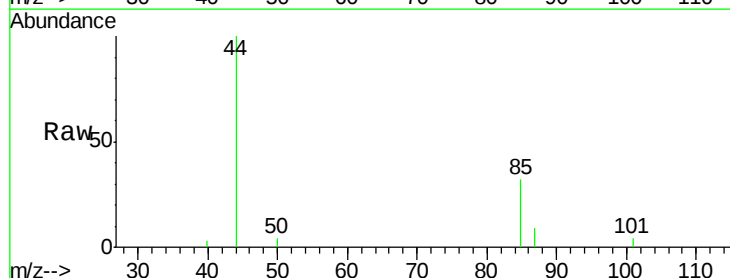
Acq: 23 Nov 2020 11:22

Tgt Ion: 85 Resp: 1948

Ion Ratio Lower Upper

85 100

87 29.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

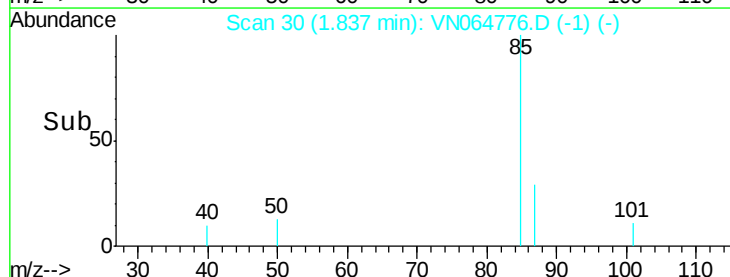
1500

1000

500

0

Time--> 1.80 1.82 1.84 1.86





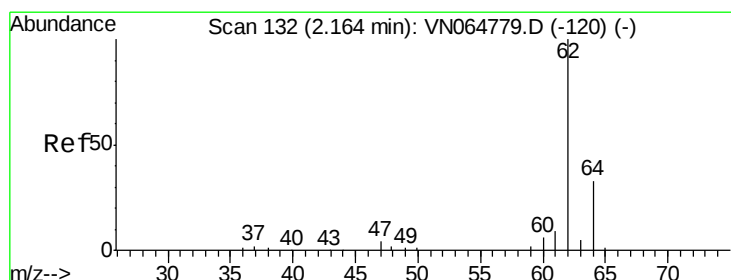
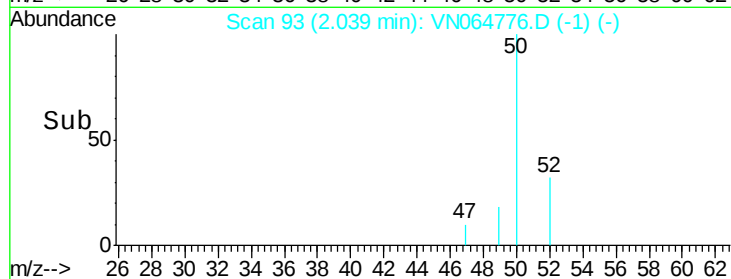
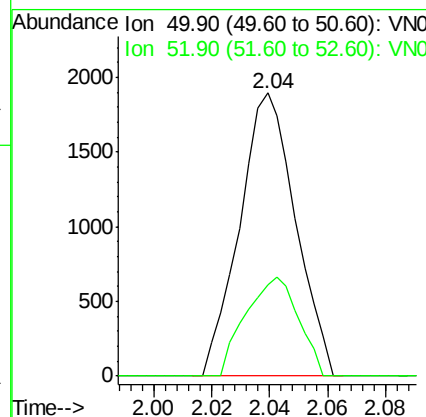
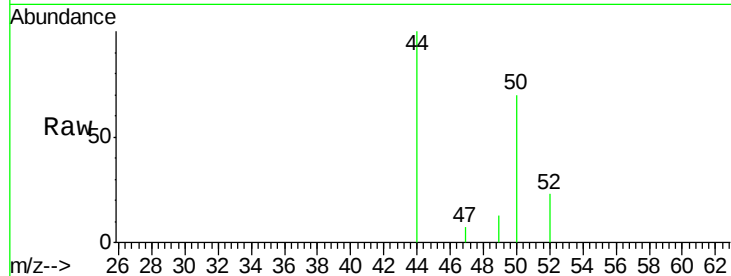
#3
 Chloromethane
 Concen: 0.893 ug/l
 RT: 2.04 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
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 VSTDIC001

Tot Ion: 50 Resp: 2539
 Ion Ratio Lower Upper
 50 100
 52 32.1 26.6 39.8

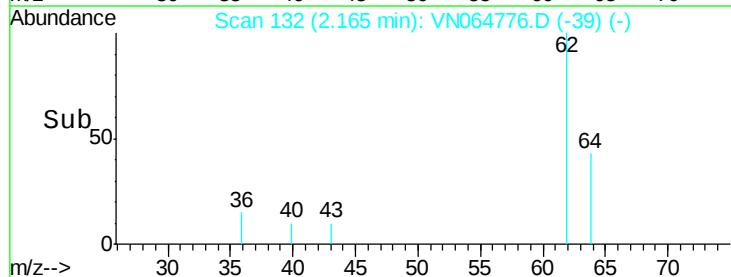
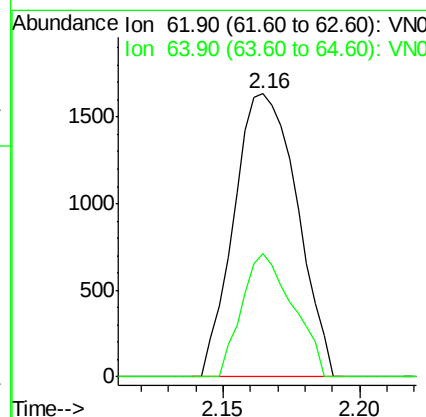
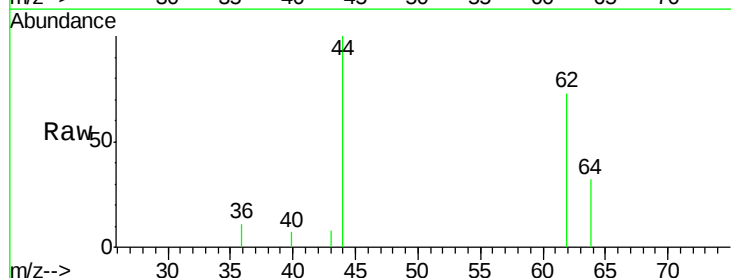
Manual Integrations
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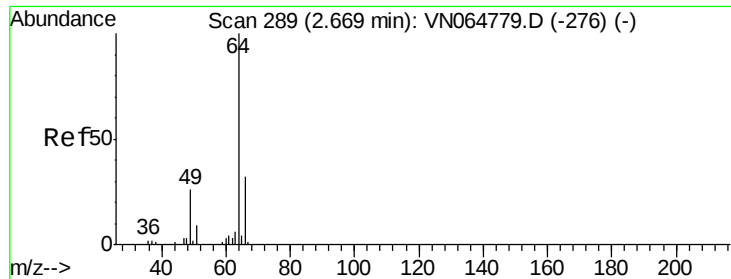
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#4
 Vinyl Chloride
 Concen: 0.890 ug/l
 RT: 2.16 min Scan# 132
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion: 62 Resp: 2627
 Ion Ratio Lower Upper
 62 100
 64 43.5 26.5 39.7#





#6

Chloroethane

Concen: 0.790 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1554

Ion Ratio Lower Upper

64 100

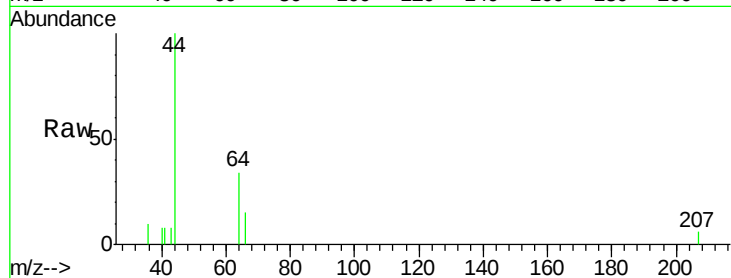
66 44.2 25.6 38.4#

Manual Integrations

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Abundance Ion 63.90 (63.60 to 64.60): VN064779.D (-276) (-)

Ion 65.90 (65.60 to 66.60): VN064779.D (-276) (-)

2.67

800

600

400

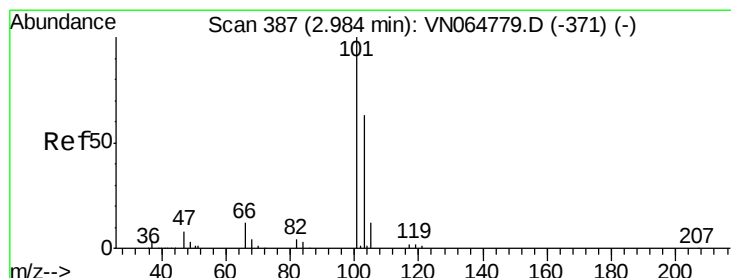
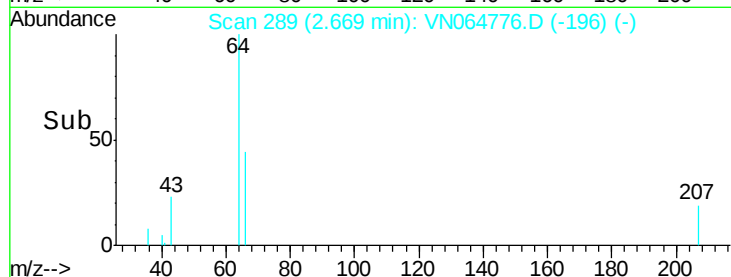
200

0

2.65

2.70

Time-->



#7

Trichlorofluoromethane

Concen: 0.716 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN064776.D

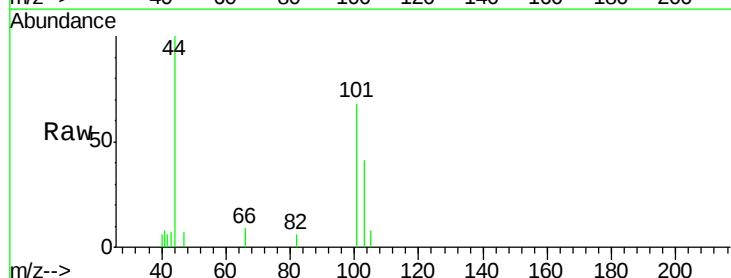
Acq: 23 Nov 2020 11:22

Tgt Ion: 101 Resp: 3674

Ion Ratio Lower Upper

101 100

103 61.0 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): VN064779.D (-371) (-)

Ion 102.80 (102.50 to 103.50): VN064779.D (-371) (-)

2.99

2000

1500

1000

500

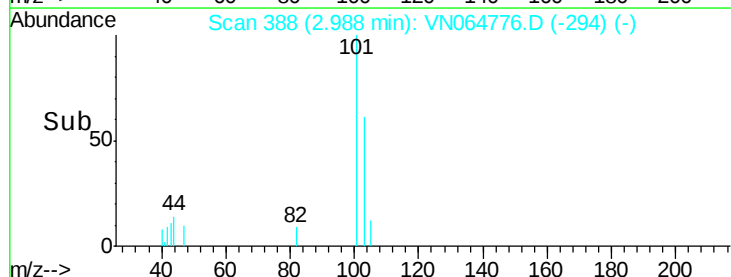
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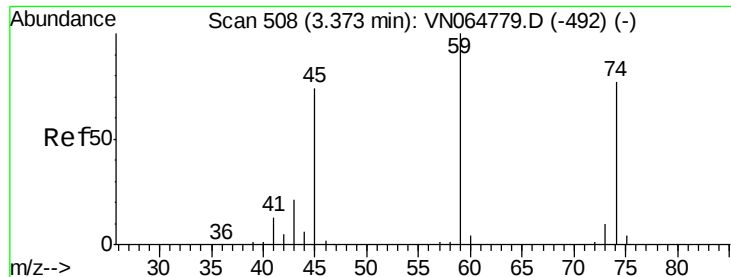
2.95

3.00

3.05

Time-->





#8

Diethyl Ether

Concen: 0.834 ug/l

RT: 3.36 min Scan# 505

Delta R.T. -0.01 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1416

Ion Ratio Lower Upper

74 100

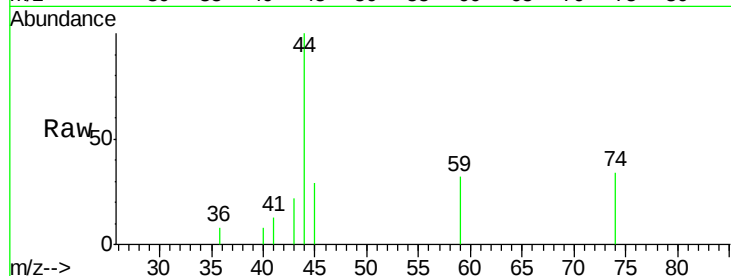
45 105.9 48.9 146.8

Manual Integrations

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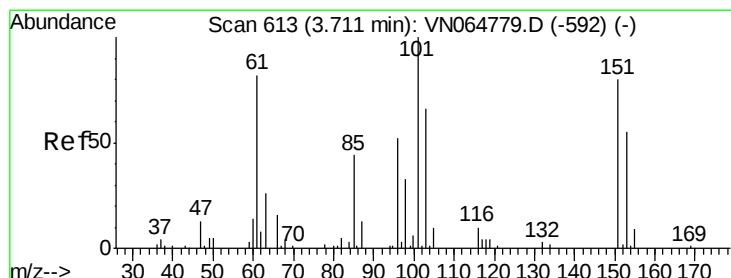
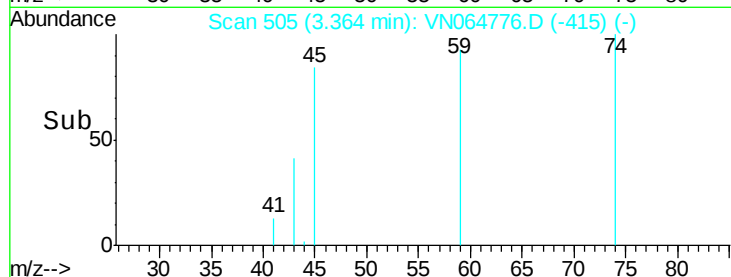
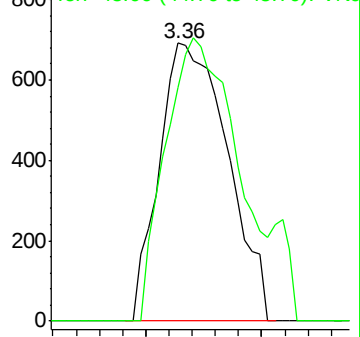
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11/24/2020 3:01:04 PM



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.890 ug/l m

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

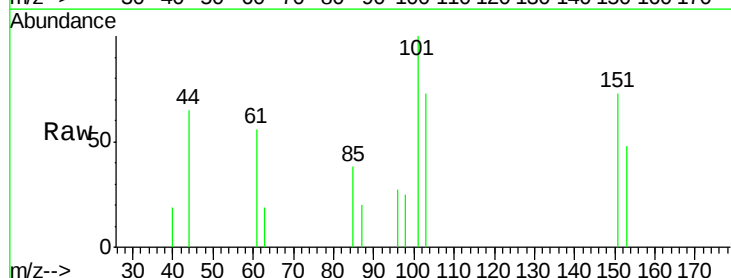
Tgt Ion: 101 Resp: 2057

Ion Ratio Lower Upper

101 100

85 38.7 34.4 51.6

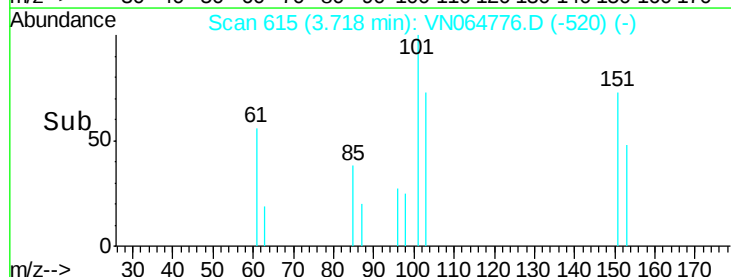
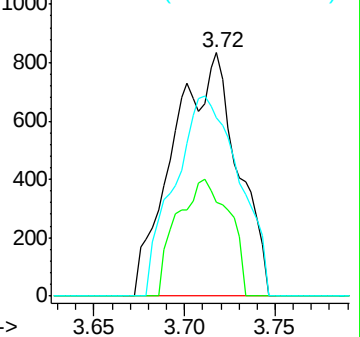
151 82.6 64.0 96.0

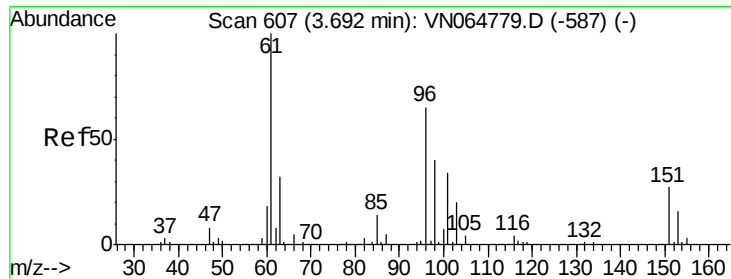


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





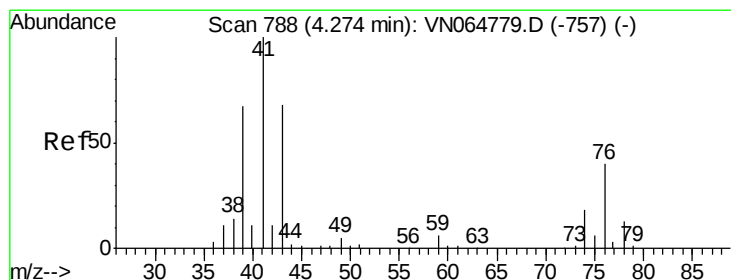
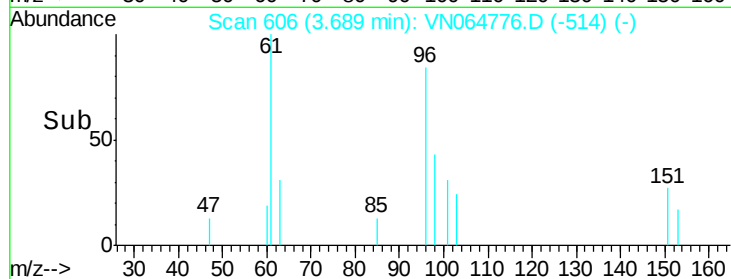
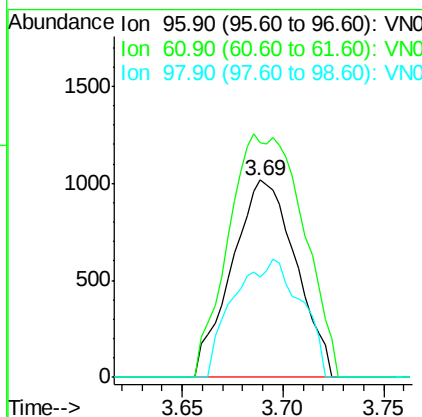
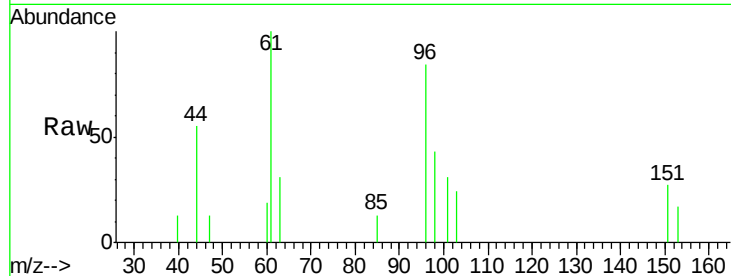
#12
 1,1-Dichloroethene
 Concen: 1.005 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.2	123.4	185.2#
98	50.7	49.8	74.8

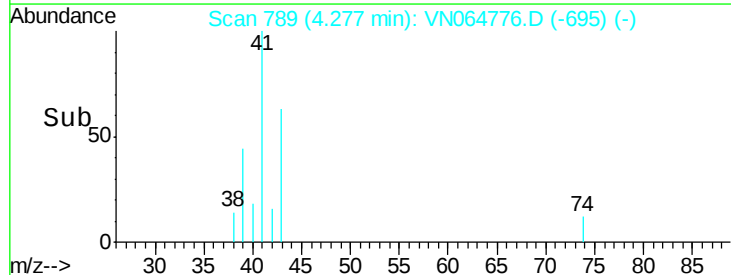
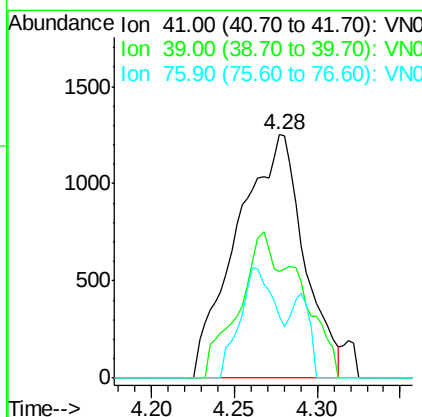
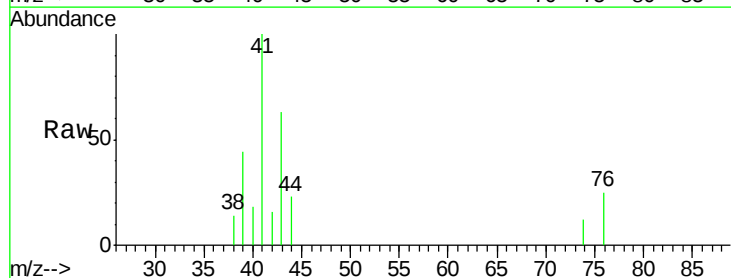
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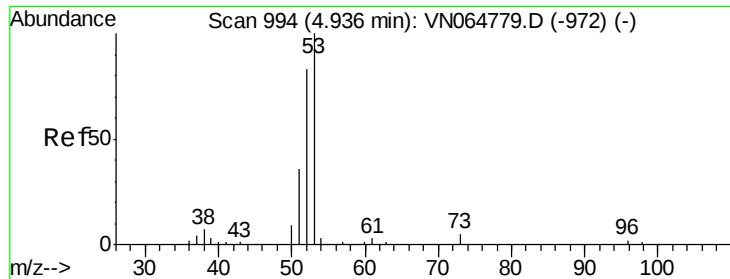
MMDadoda
 11/24/2020 3:01:04 PM



#14
 Allyl chloride
 Concen: 0.923 ug/l
 RT: 4.28 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	50.9	76.3#
76	9.8	29.0	43.4#





#15

Acrylonitrile

Concen: 4.639 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

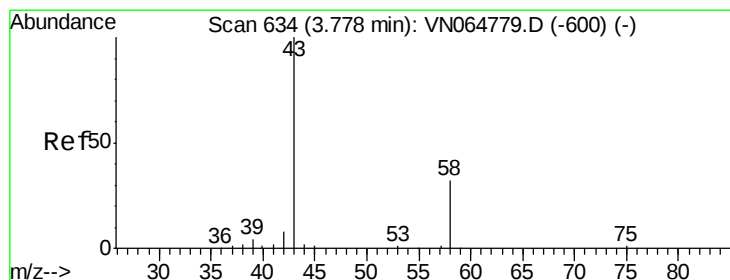
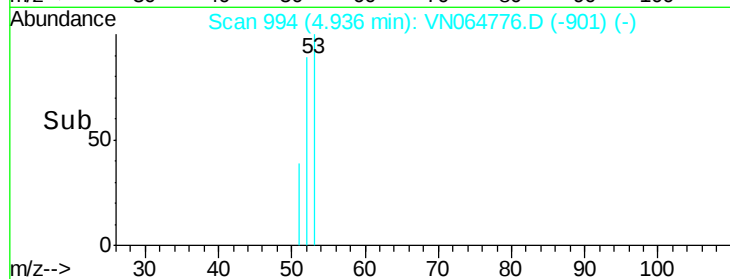
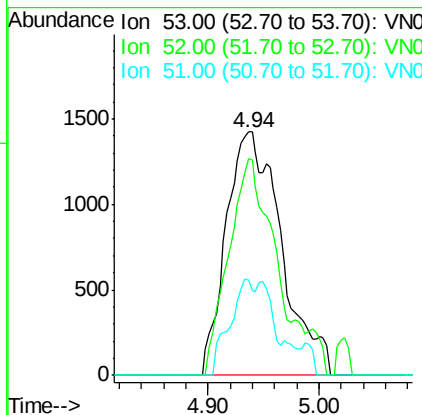
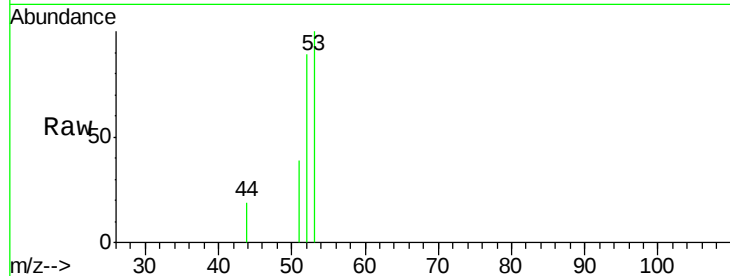
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	4926
Ion	Ratio	Lower	Upper
53	100		
52	74.8	65.5	98.3
51	18.0	28.6	43.0#

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#16

Acetone

Concen: 4.823 ug/l

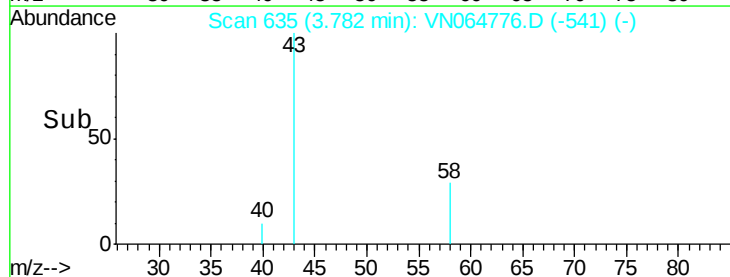
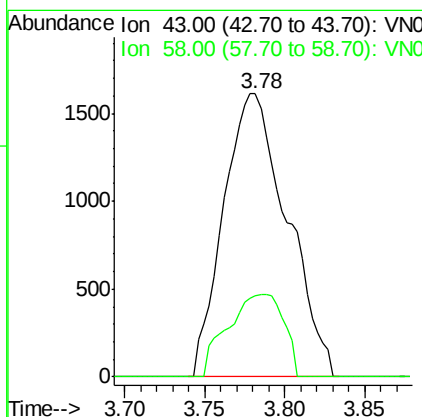
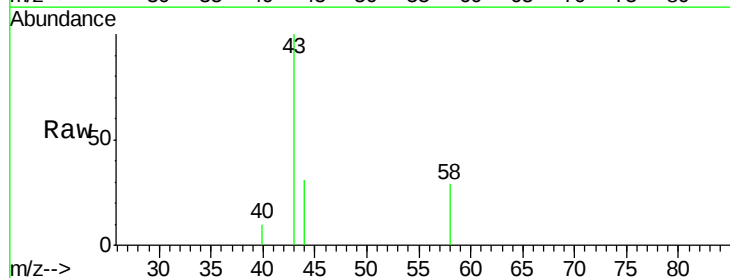
RT: 3.78 min Scan# 635

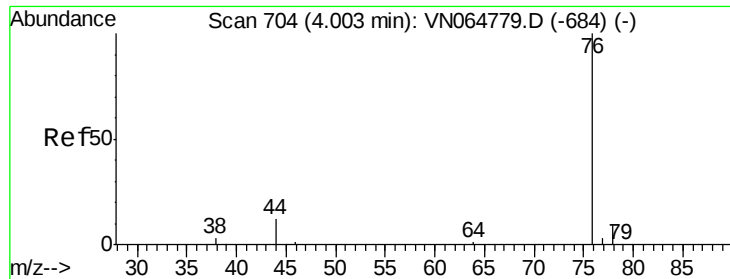
Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Tgt Ion:	43	Resp:	4393
Ion	Ratio	Lower	Upper
43	100		
58	28.7	25.7	38.5





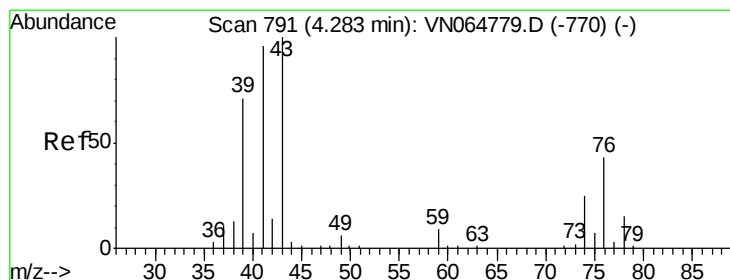
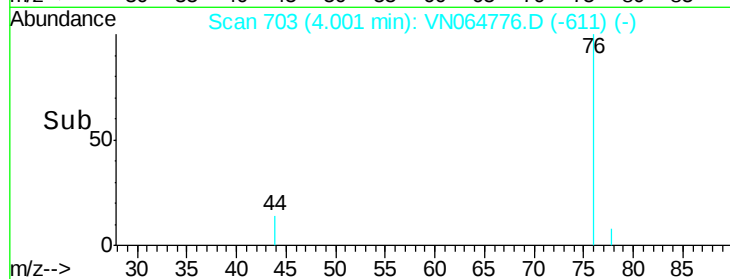
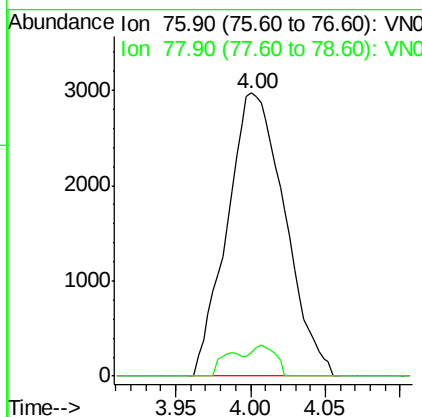
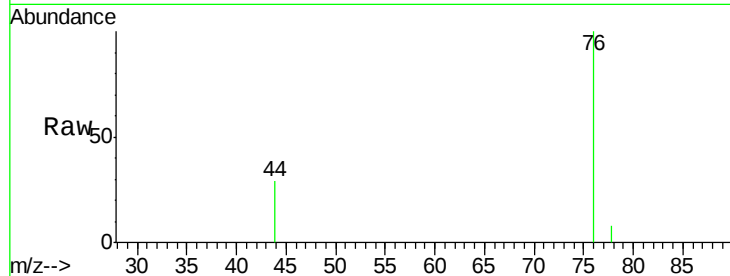
#17
Carbon Disulfide
Concen: 1.154 ug/l
RT: 4.00 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 76 Resp: 7943
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

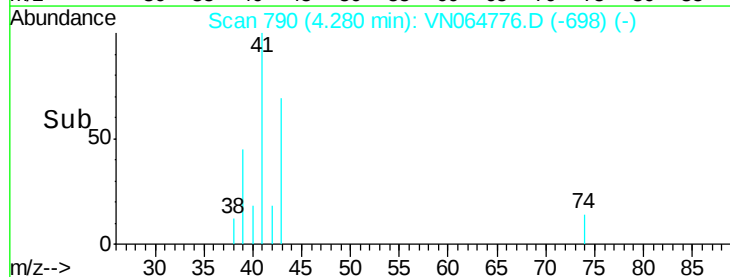
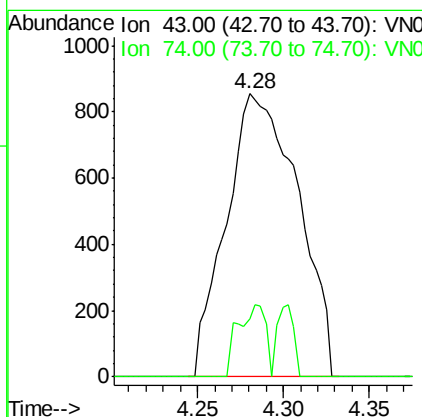
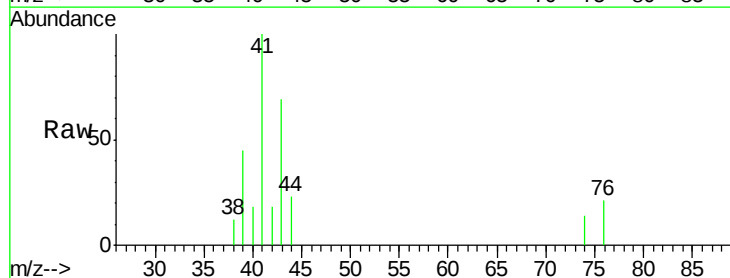
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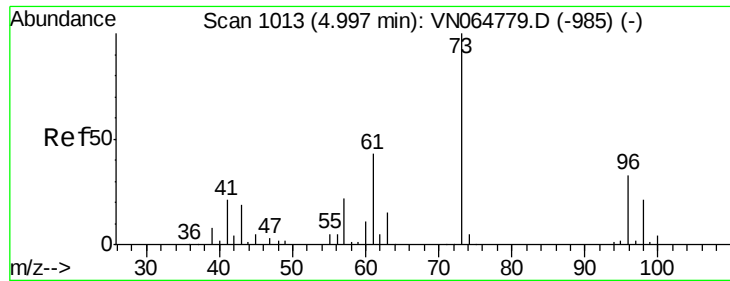
MMDadoda
11/24/2020 3:01:04 PM



#18
Methyl Acetate
Concen: 0.892 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 43 Resp: 2481
Ion Ratio Lower Upper
43 100
74 9.6 20.2 30.2#





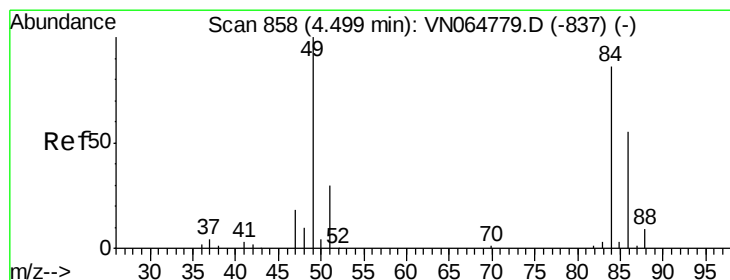
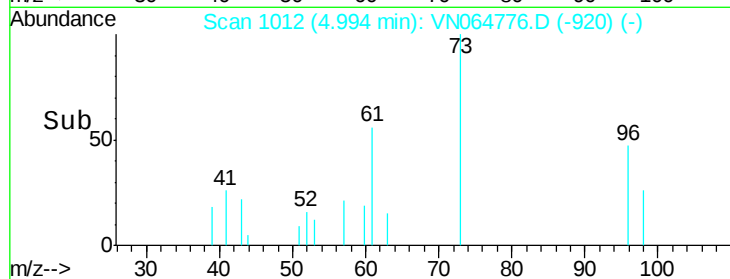
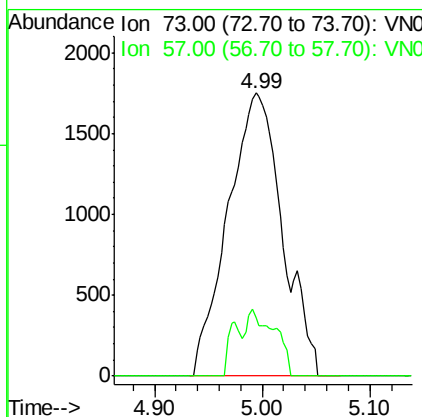
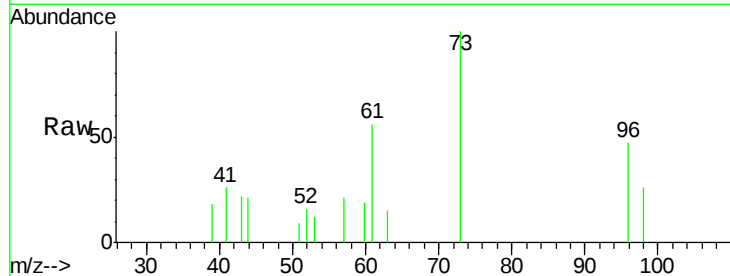
#19
Methvl tert-butvl Ether
Concen: 0.829 ug/l m
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 6147
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.0

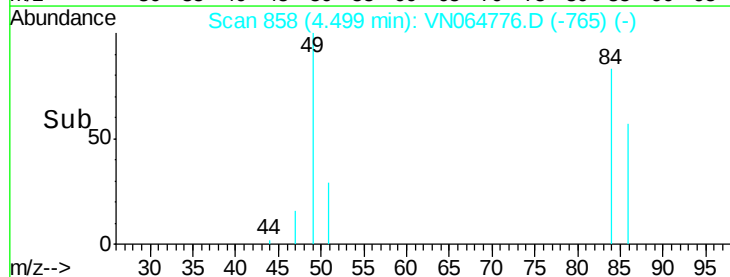
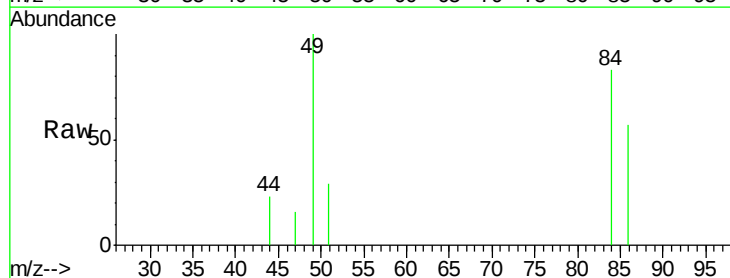
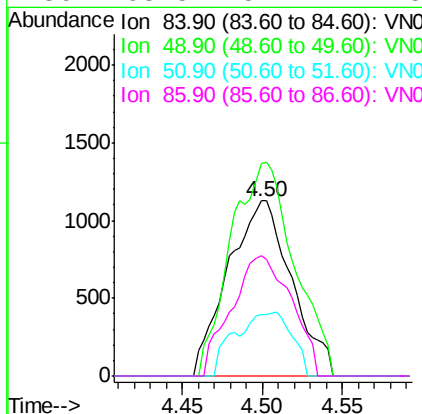
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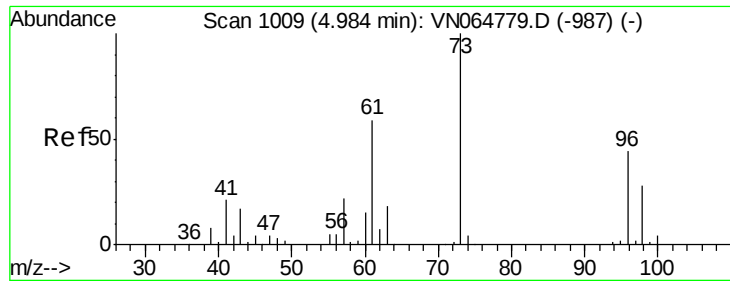
MMDadoda
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#20
Methylene Chloride
Concen: 1.133 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 84 Resp: 3067
Ion Ratio Lower Upper
84 100
49 121.0 93.4 140.0
51 35.3 28.2 42.4
86 68.5 51.7 77.5





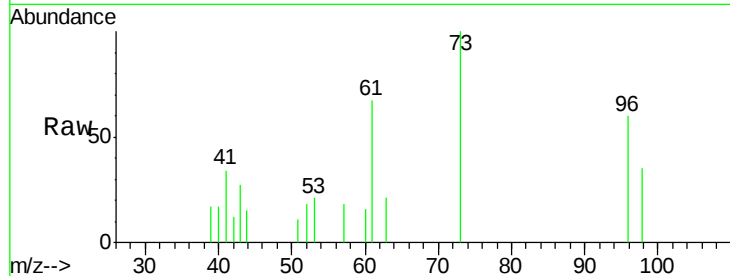
#21
trans-1,2-Dichloroethene
Concen: 1.003 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	112.4	108.4	162.6
98	58.5	51.3	76.9

Manual Integrations
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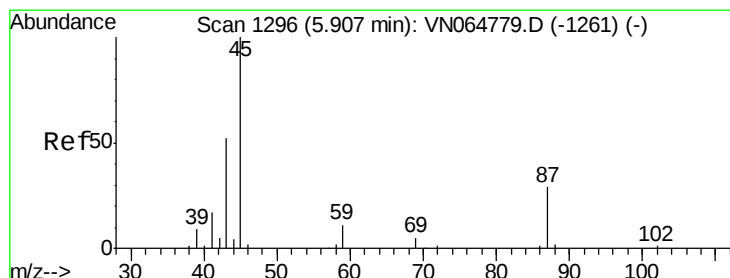
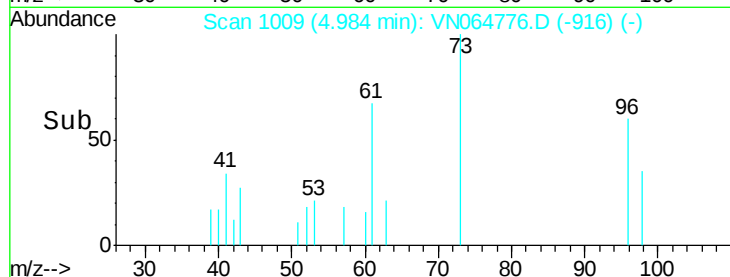
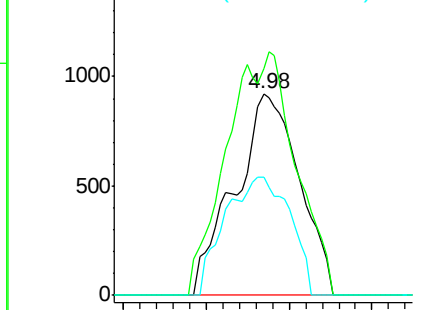
MMDadoda
11/24/2020 3:01:04 PM



Abundance Ion 95.90 (95.60 to 96.60): VN064776.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN064776.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN064776.D (-987) (-)



#22
Diisopropyl ether
Concen: 0.787 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

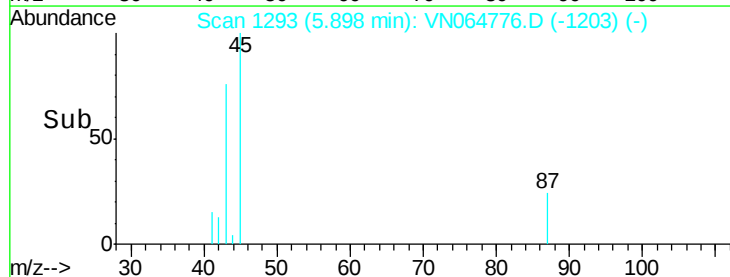
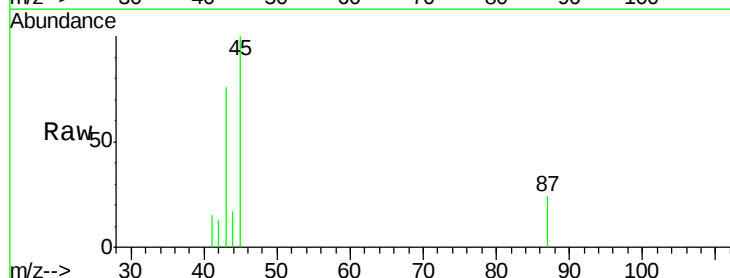
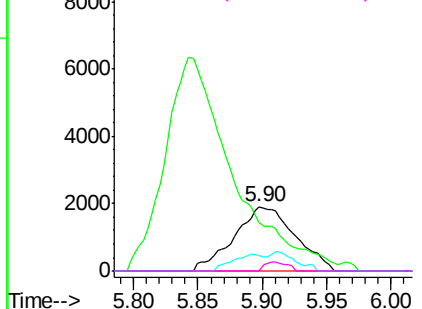
Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.2	46.2	69.2
87	24.5	24.1	36.1
59	0.0	9.0	13.4#

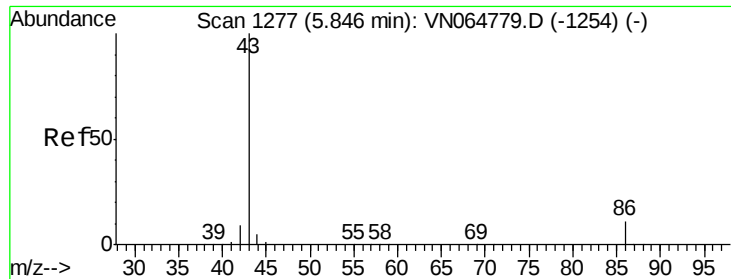
Abundance Ion 45.00 (44.70 to 45.70): VN064776.D (-1203) (-)

Ion 43.00 (42.70 to 43.70): VN064776.D (-1203) (-)

Ion 87.00 (86.70 to 87.70): VN064776.D (-1203) (-)

Ion 59.00 (58.70 to 59.70): VN064776.D (-1203) (-)





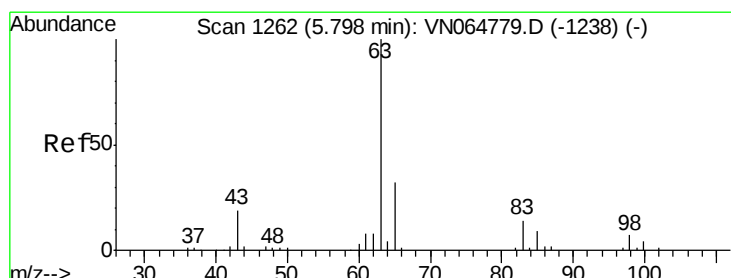
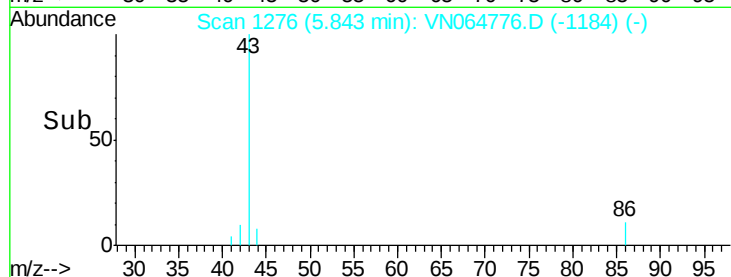
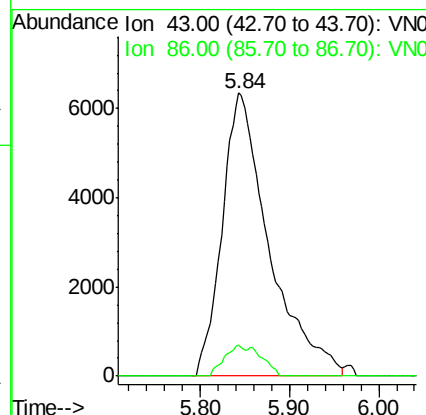
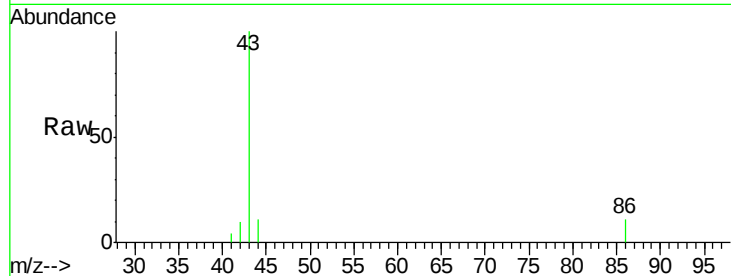
#23
 Vinyl Acetate
 Concen: 3.607 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.9	13.3

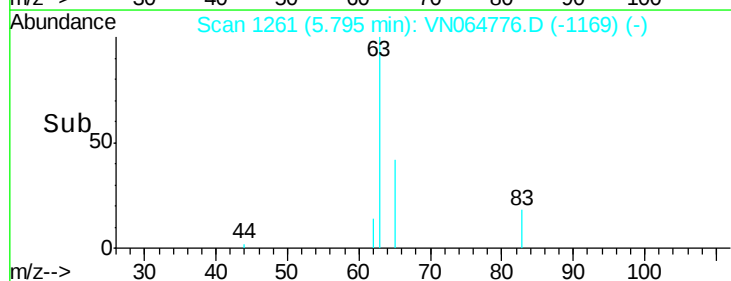
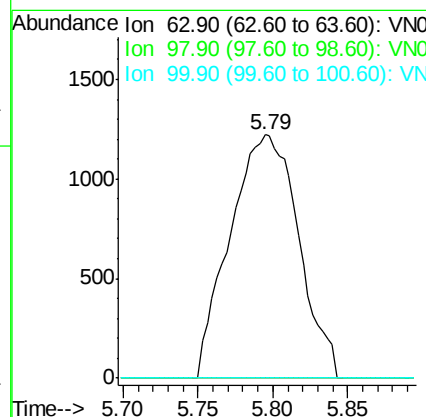
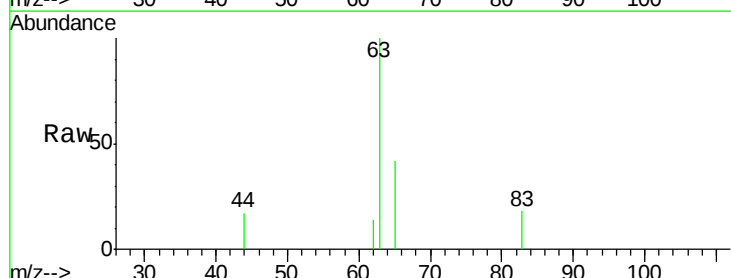
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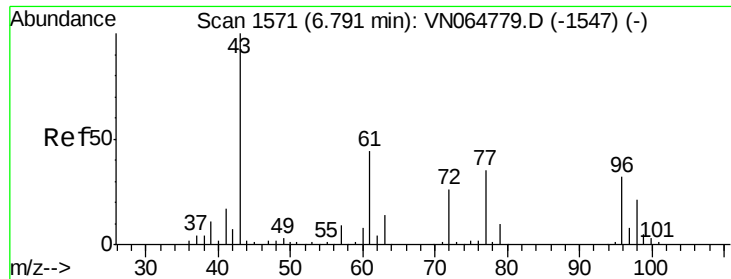
MMDadoda
 11/24/2020 3:01:04 PM



#24
 1,1-Dichloroethane
 Concen: 0.826 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.5#
100	0.0	2.3	6.8#





#25

2-Butanone

Concen: 4.102 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 5784

Ion Ratio Lower Upper

43 100

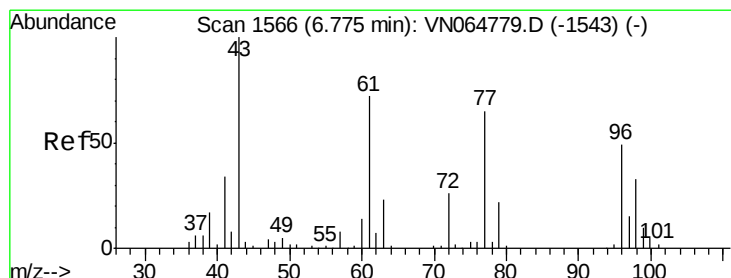
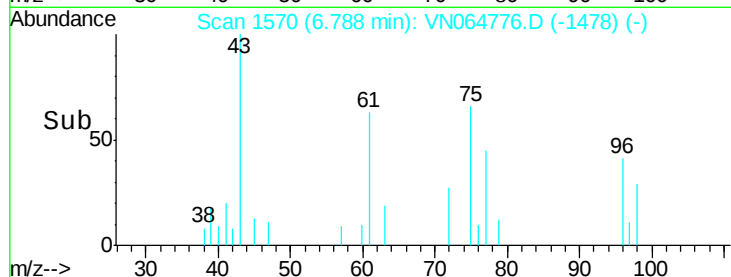
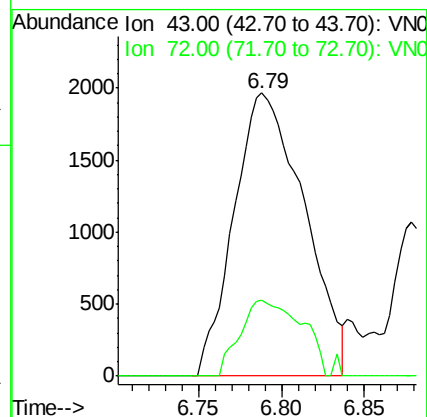
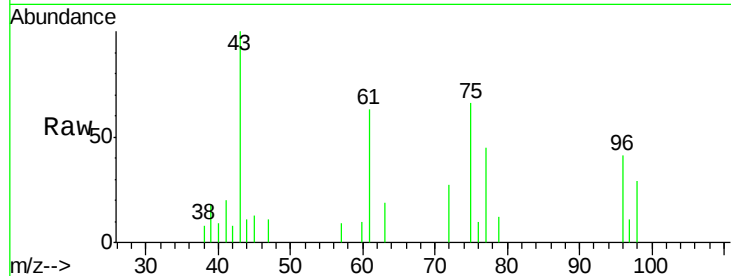
72 26.7 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 0.820 ug/l

RT: 6.77 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN064776.D

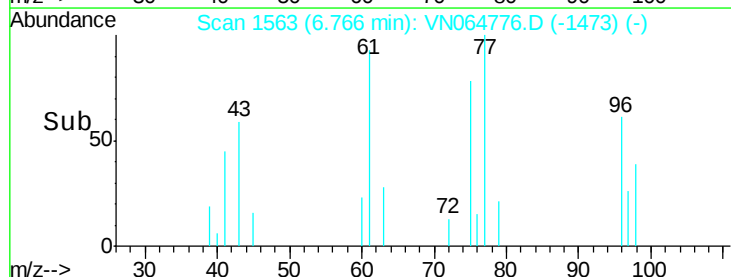
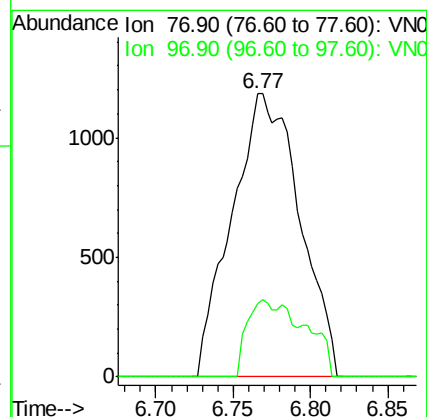
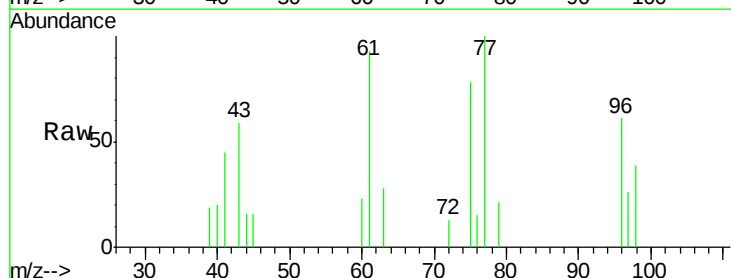
Acq: 23 Nov 2020 11:22

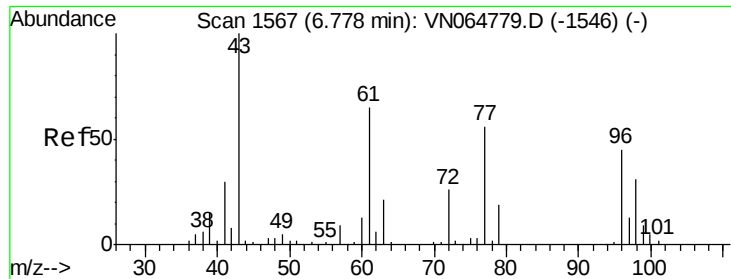
Tgt Ion: 77 Resp: 3605

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 0.916 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

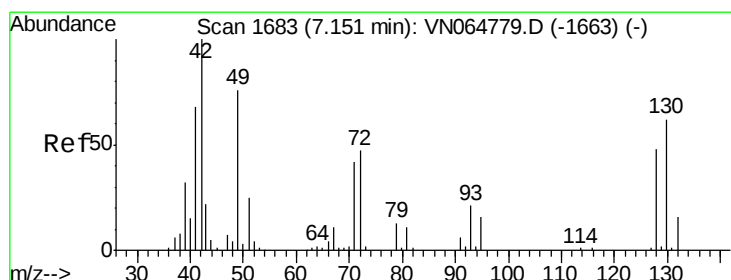
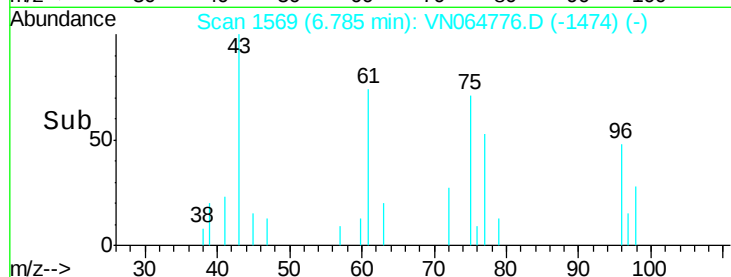
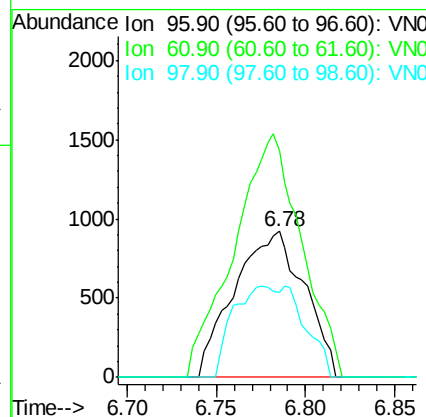
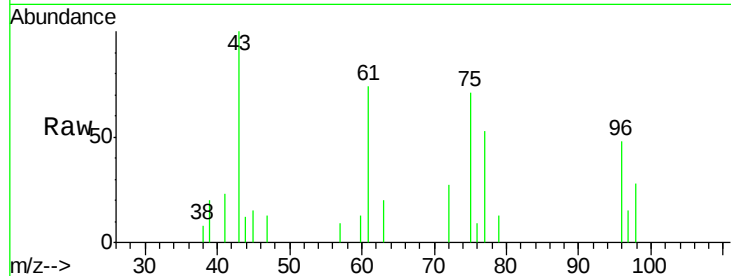
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2519
Ion	Ratio	Lower	Upper
96	100		
61	160.0	0.0	285.8
98	40.2	0.0	130.6

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#28

Bromochloromethane

Concen: 0.746 ug/l

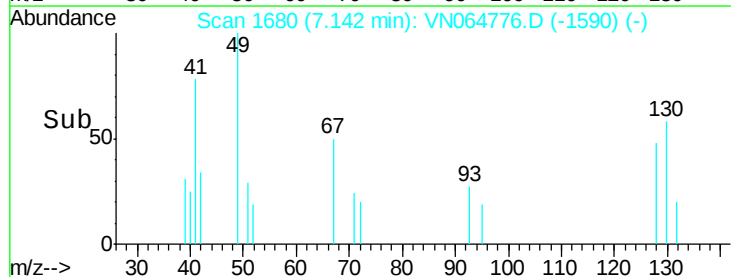
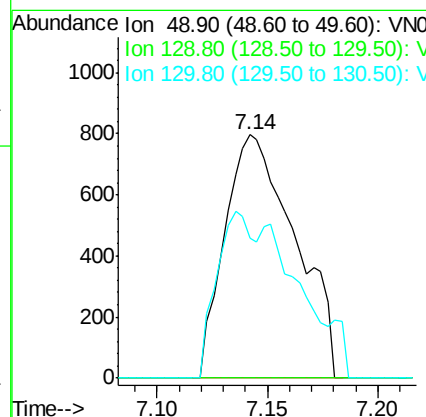
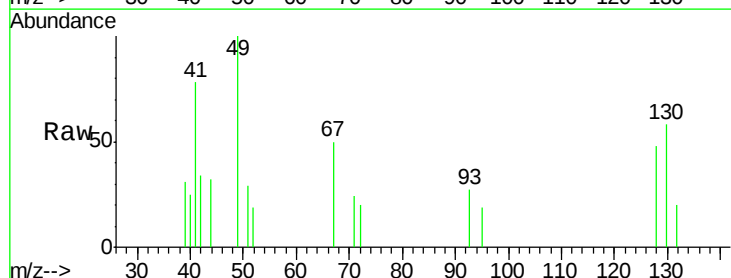
RT: 7.14 min Scan# 1680

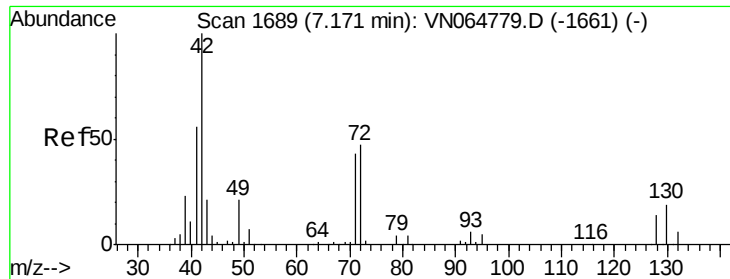
Delta R.T. -0.01 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Tgt Ion:	49	Resp:	1757
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	37.0	66.2	99.2#





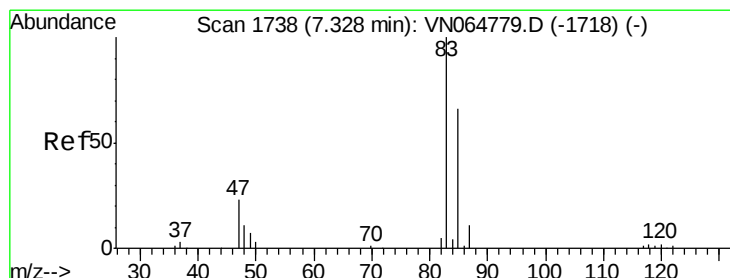
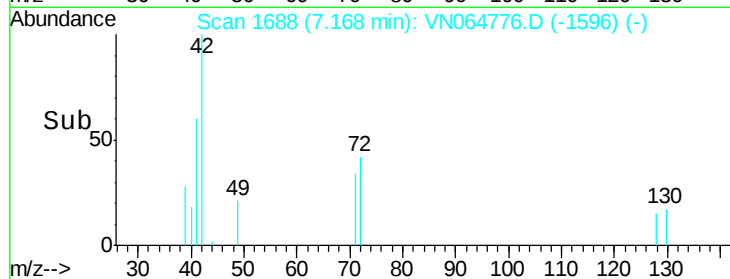
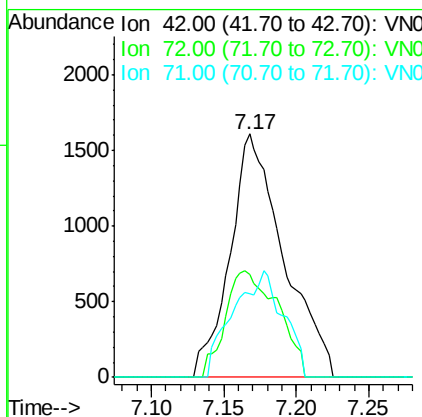
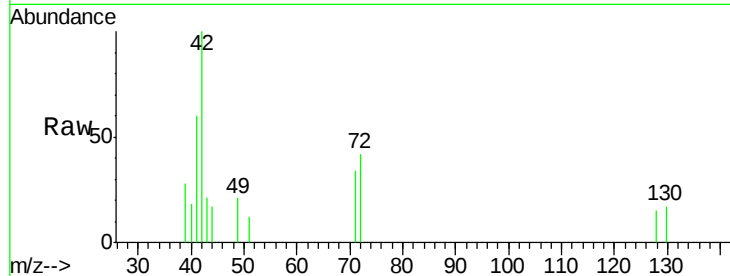
#29
Tetrahydrofuran
Concen: 4.352 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	36.6	54.8
71	40.9	33.6	50.4

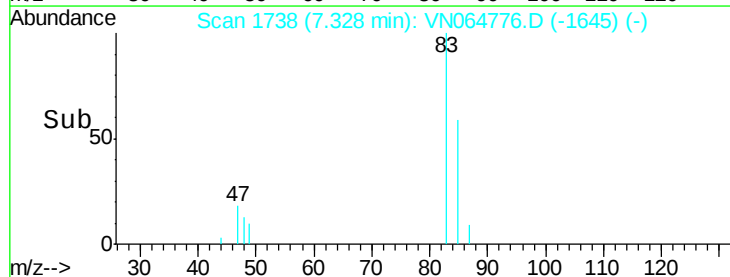
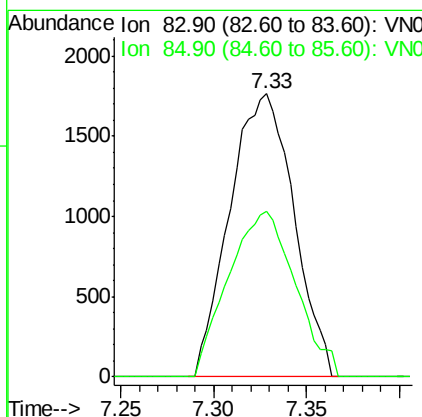
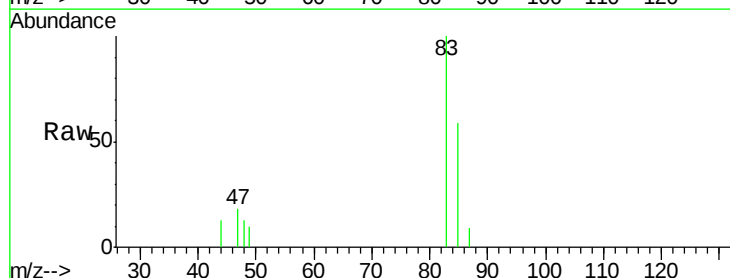
Manual Integrations
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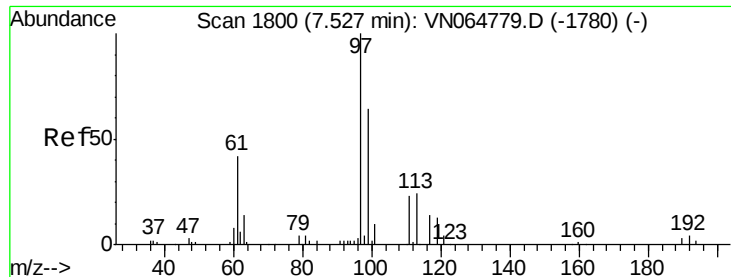
MMDadoda
11/24/2020 3:01:04 PM



#30
Chloroform
Concen: 0.836 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.7	52.6	78.8





#32

1,1,1-Trichloroethane

Concen: 0.754 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

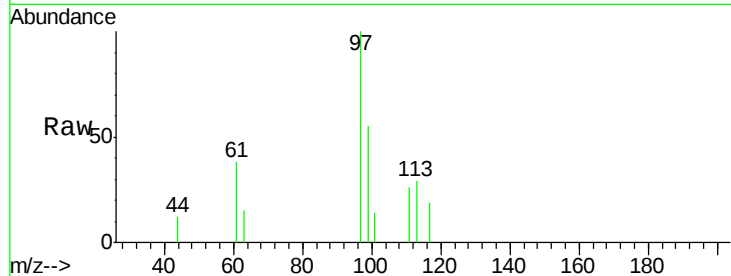
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	3472
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.7	77.5#
61	23.6	33.9	50.9#

Manual Integrations
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MMDadoda
11/24/2020 3:01:04 PM

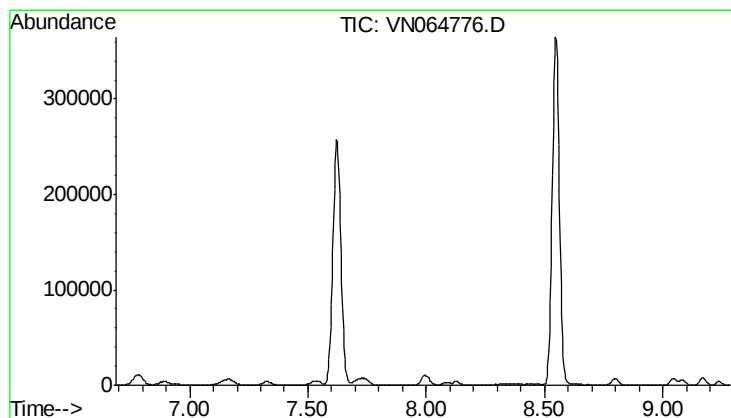
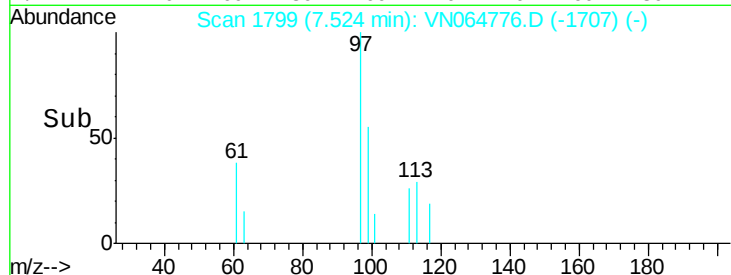
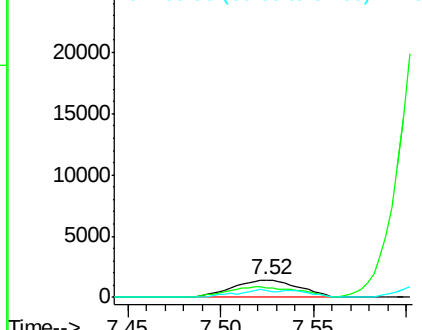


Abundance

Ion 96.90 (96.60 to 97.60): VN064776.D

Ion 98.90 (98.60 to 99.60): VN064776.D

Ion 60.90 (60.60 to 61.60): VN064776.D



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN064776.D

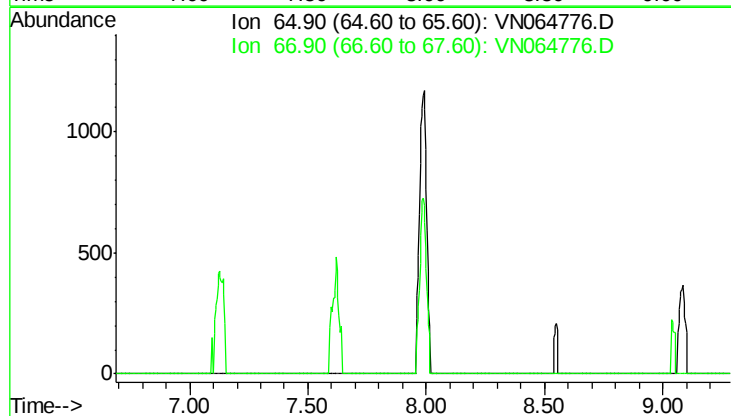
Acq: 23 Nov 2020 11:22

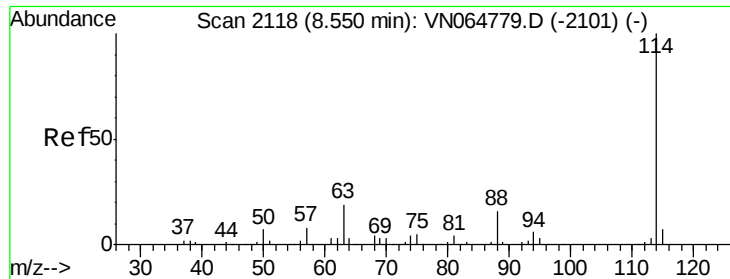
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.1





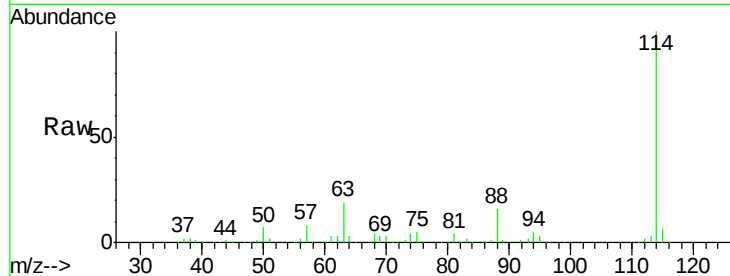
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.3	0.0	38.6
88	15.7	0.0	32.6

Manual Integrations
 APPROVED

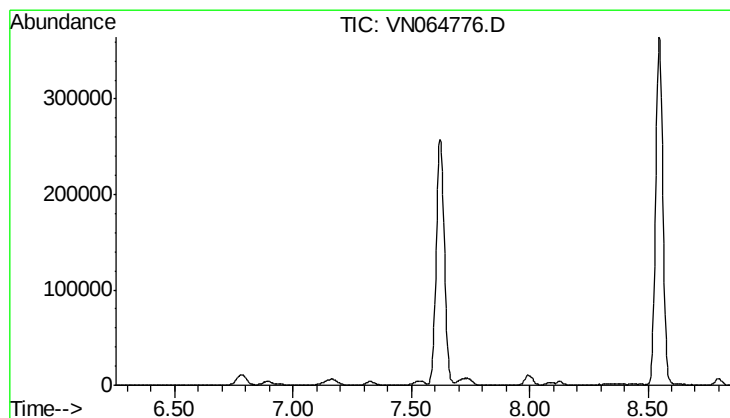
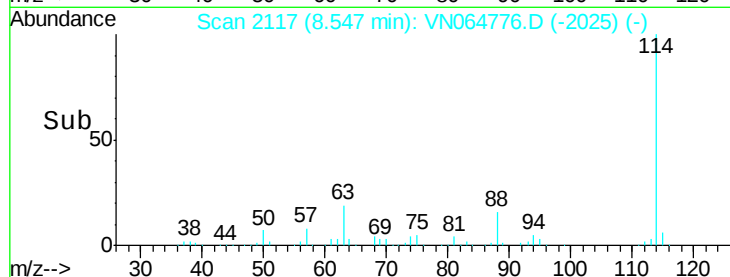
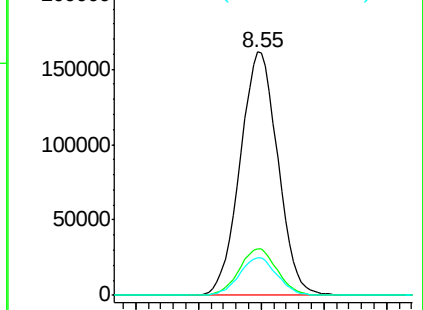
MMDadoda
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

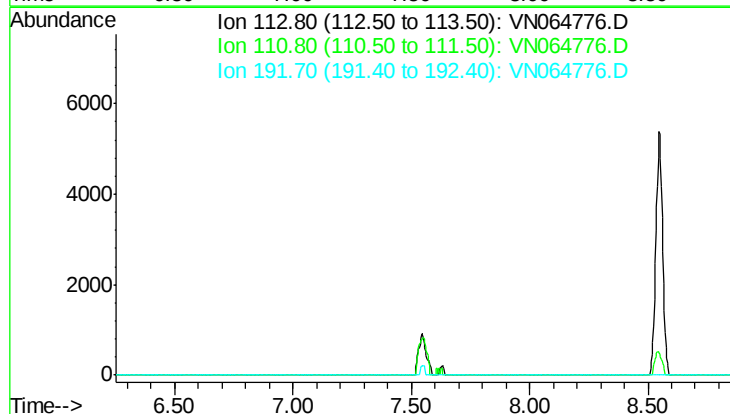
Ion 87.90 (87.60 to 88.60): VN

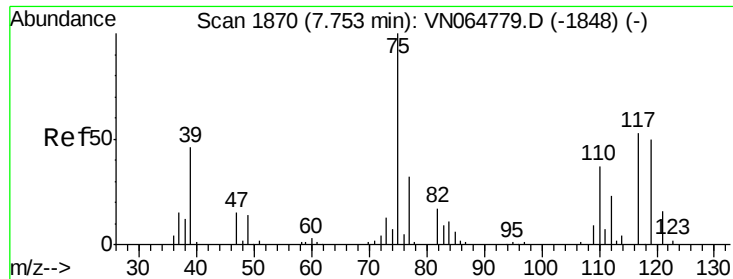


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min

Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion	Exp Ratio
113	100
111	102.0
192	20.2





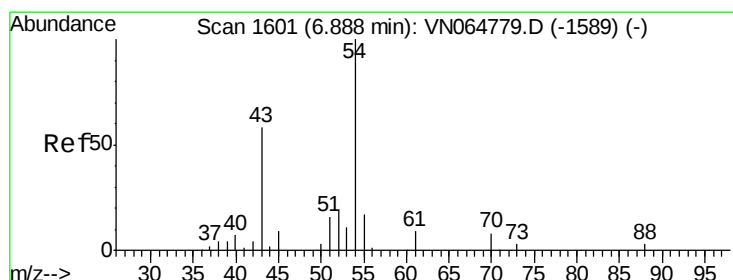
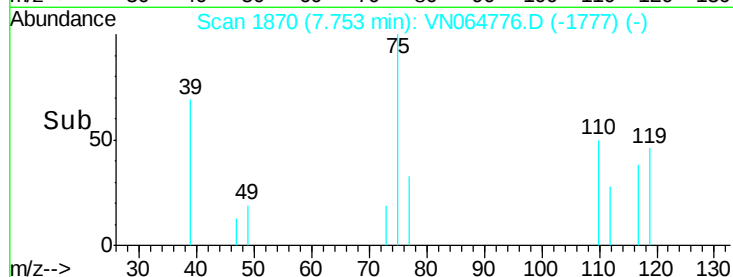
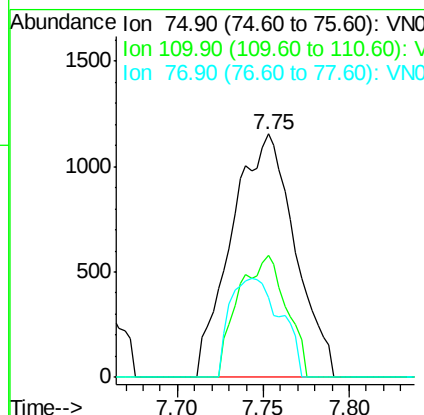
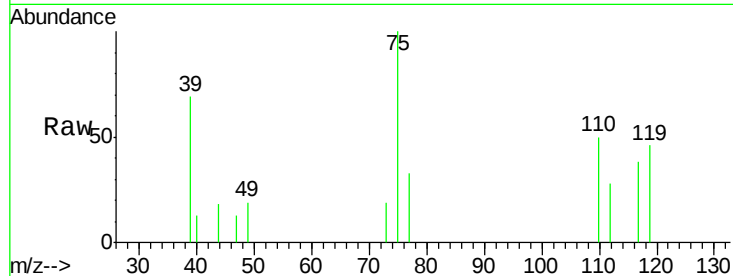
#36
 1,1-Dichloropropene
 Concen: 0.866 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.8	17.8	53.3
77	32.3	25.0	37.4

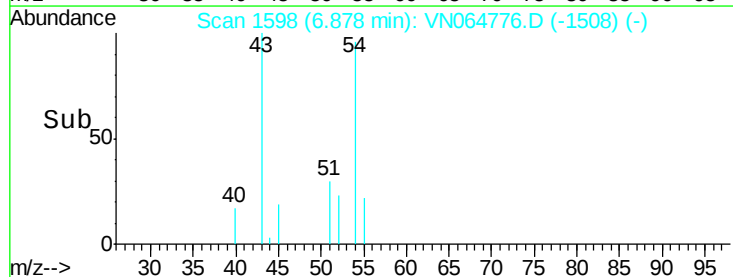
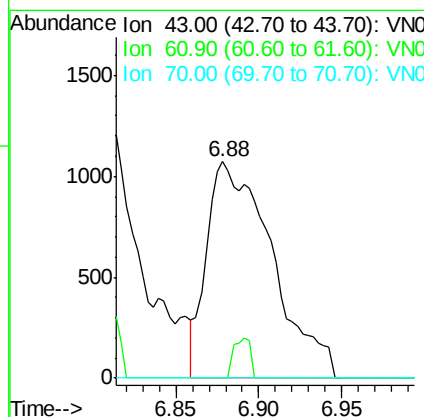
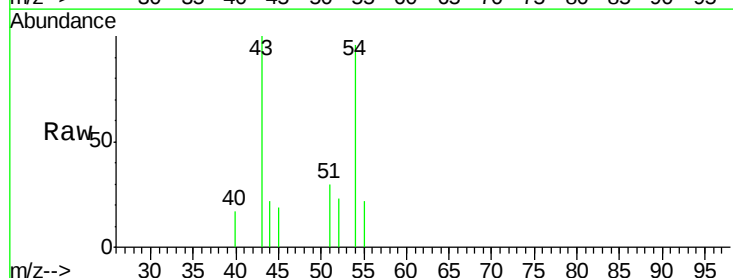
Manual Integrations
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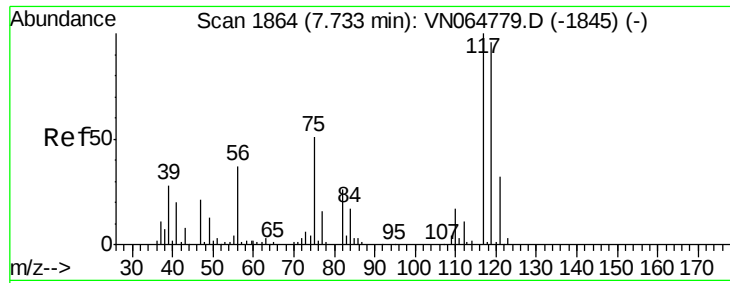
MMDadoda
 11/24/2020 3:01:04 PM



#37
 Ethyl Acetate
 Concen: 1.013 ug/l
 RT: 6.88 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	4.8	12.8	19.2#
70	0.0	8.8	13.2#





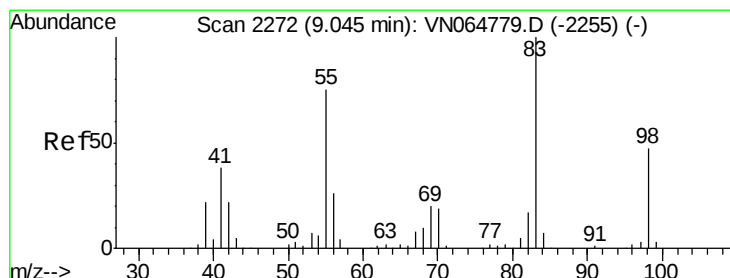
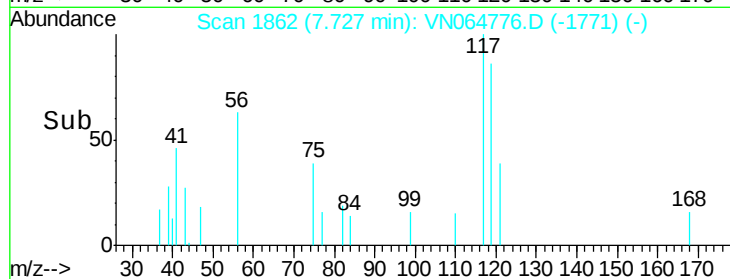
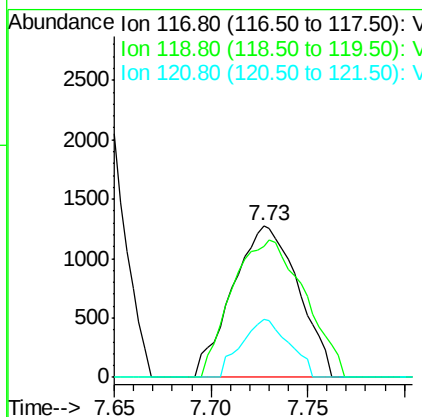
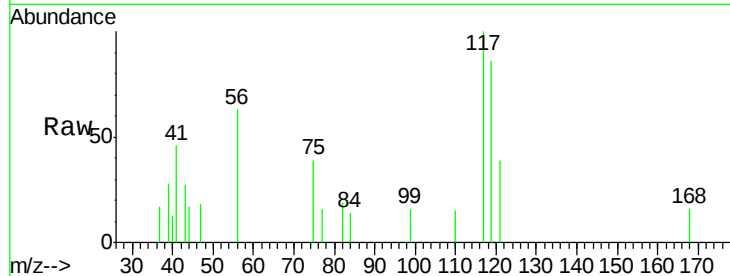
#38
Carbon Tetrachloride
Concen: 0.836 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	85.9	76.7	115.1
121	38.6	25.4	38.2#

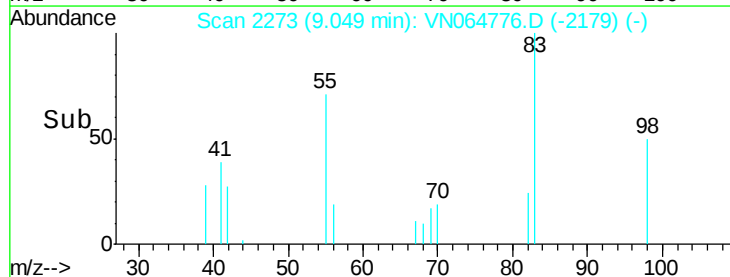
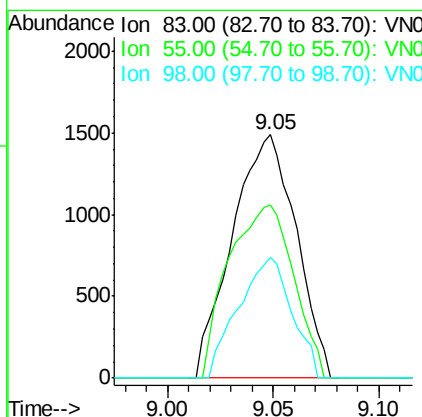
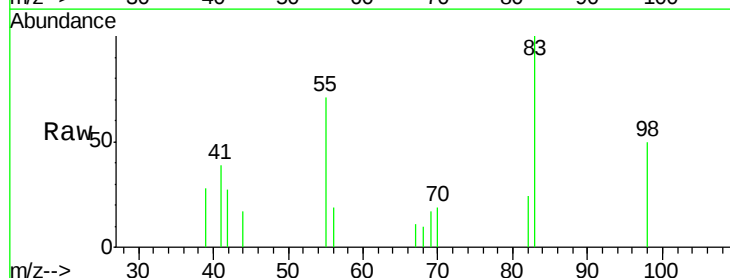
Manual Integrations
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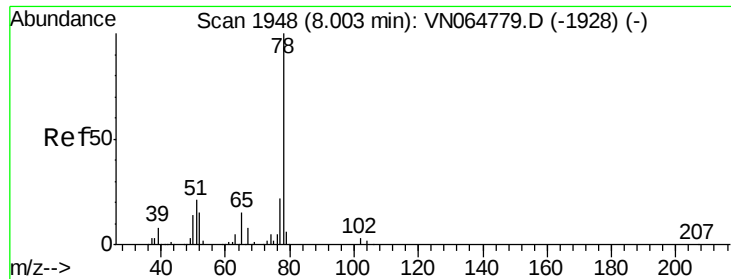
MMDadoda
11/24/2020 3:01:04 PM



#39
Methylcyclohexane
Concen: 1.003 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.9	60.2	90.2
98	49.7	37.4	56.2





#40

Benzene

Concen: 0.983 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 9451

Ion Ratio Lower Upper

78 100

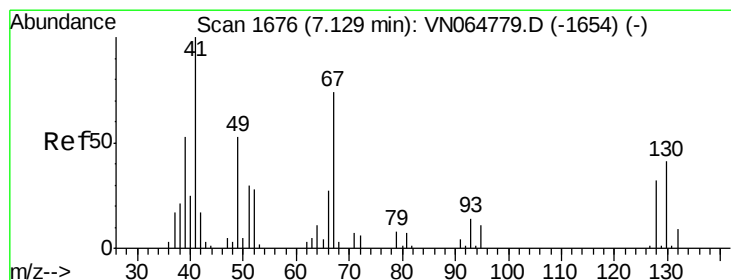
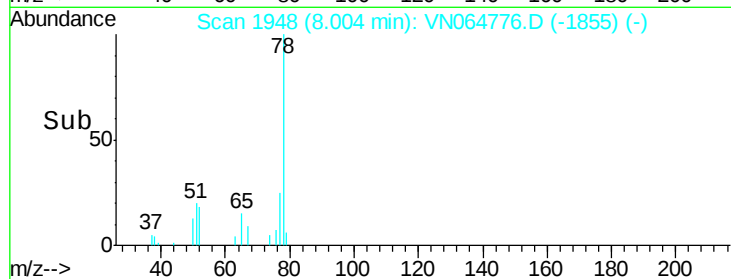
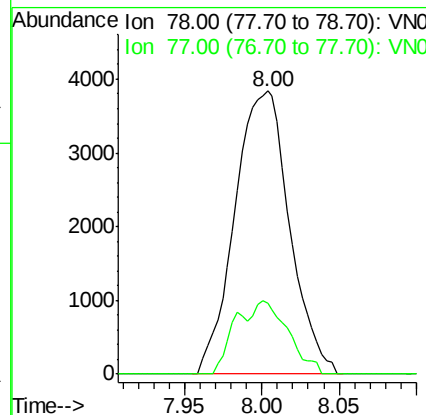
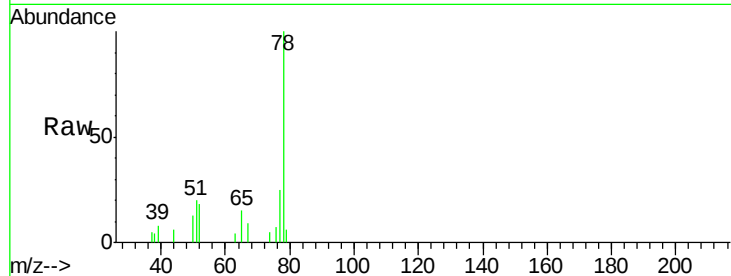
77 25.2 17.9 26.9

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:01:04 PM



#41

Methacrylonitrile

Concen: 1.059 ug/l

RT: 7.13 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Tgt Ion: 41 Resp: 1391

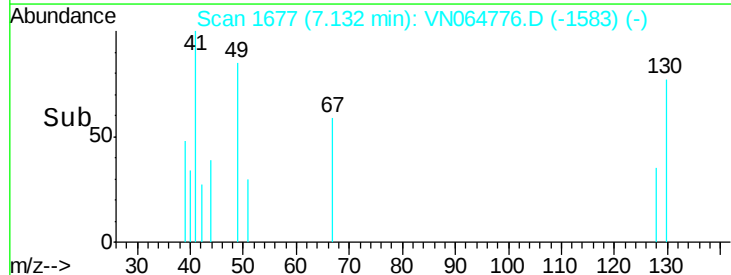
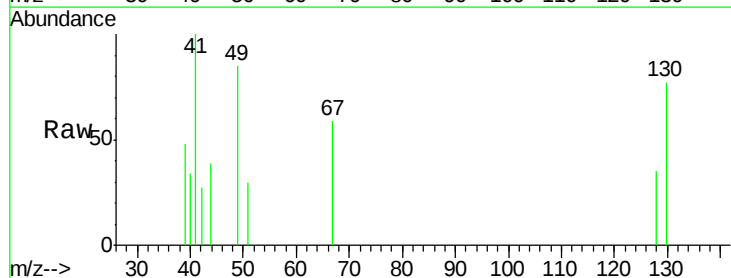
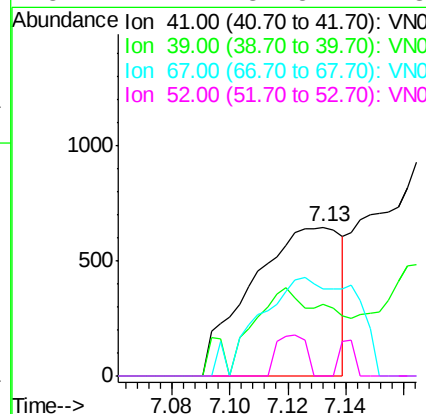
Ion Ratio Lower Upper

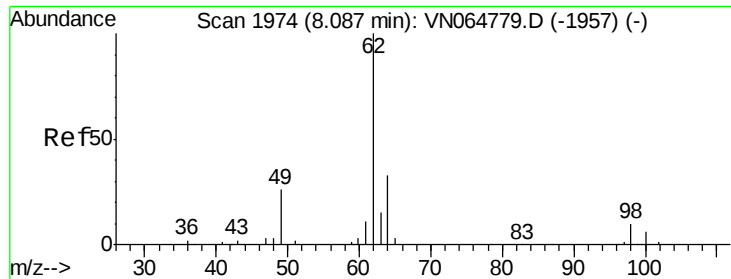
41 100

39 0.0 51.0 76.6#

67 0.0 79.8 119.8#

52 4.2 31.5 47.3#





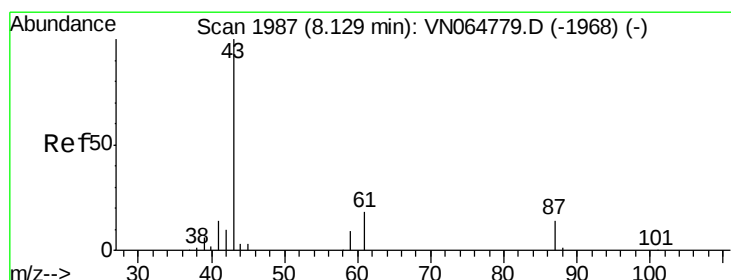
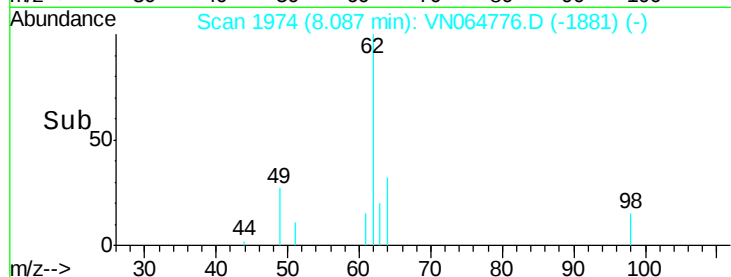
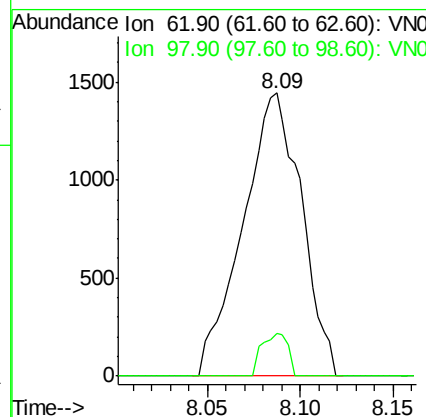
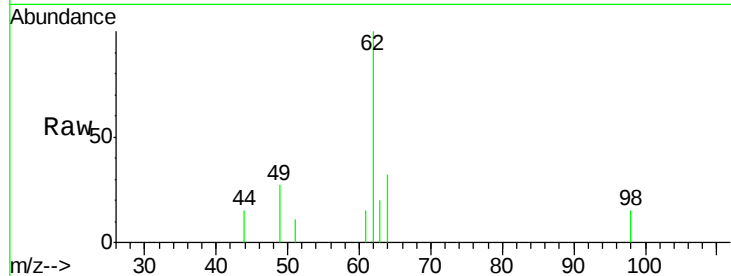
#42
 1,2-Dichloroethane
 Concen: 0.795 ug/l
 RT: 8.09 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	19.6

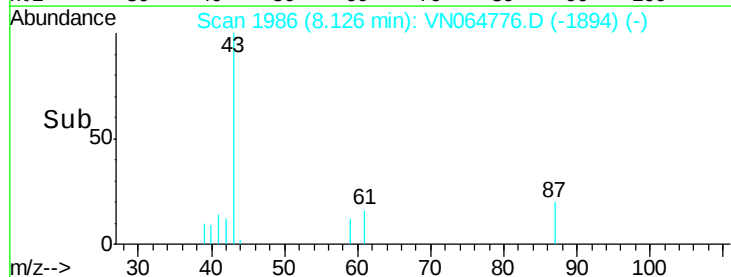
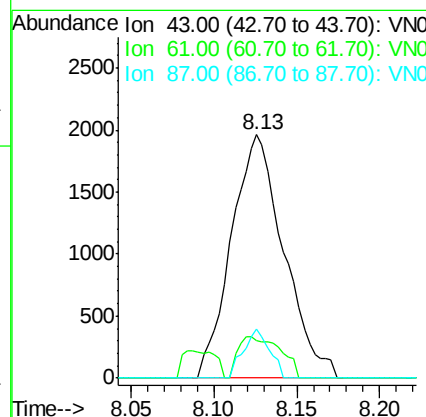
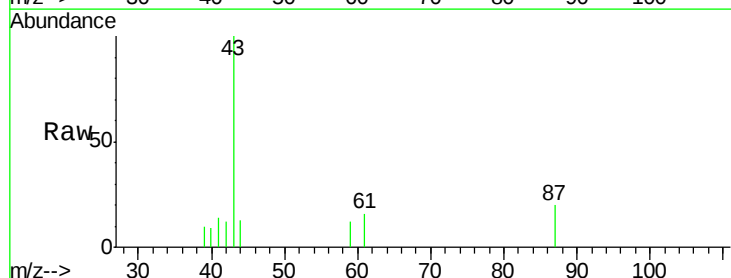
Manual Integrations
 APPROVED

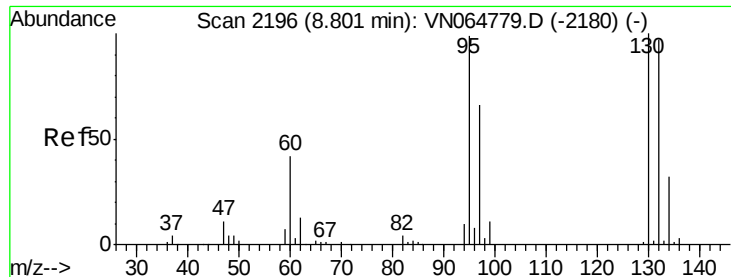
MMDadoda
 11/24/2020 3:01:04 PM



#43
 Isopropyl Acetate
 Concen: 0.780 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	17.2	25.8#
87	10.0	11.4	17.0#





#44

Trichloroethene

Concen: 1.097 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3061

Ion Ratio Lower Upper

130 100

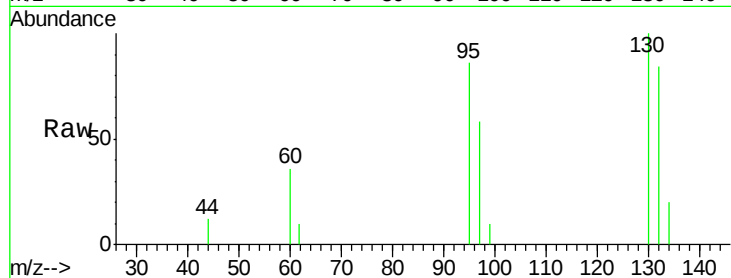
95 86.2 0.0 197.8

Manual Integrations

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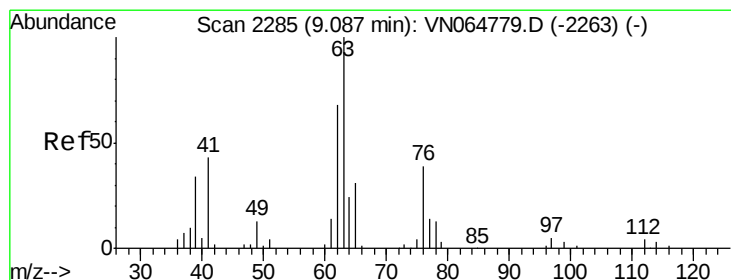
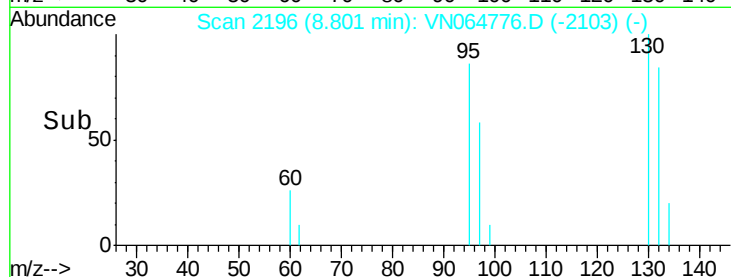
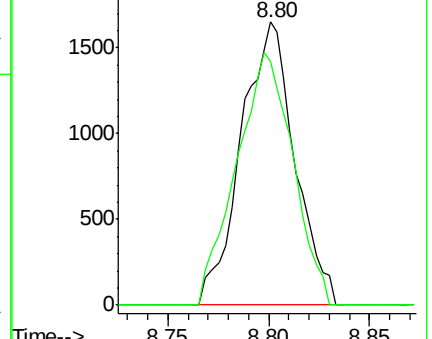
MMDadoda

11/24/2020 3:01:04 PM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 0.938 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN064776.D

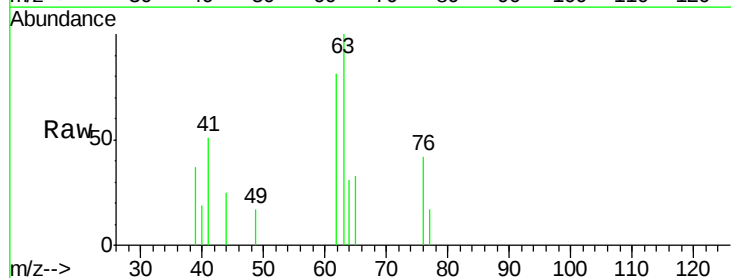
Acq: 23 Nov 2020 11:22

Tgt Ion: 63 Resp: 2393

Ion Ratio Lower Upper

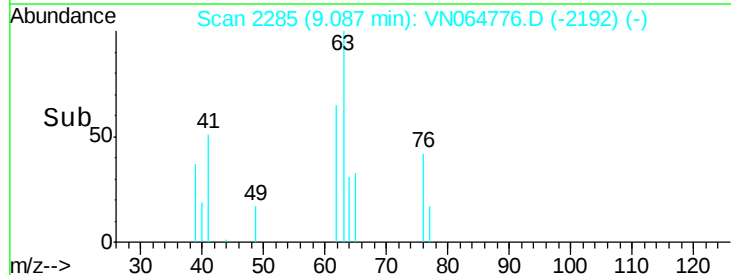
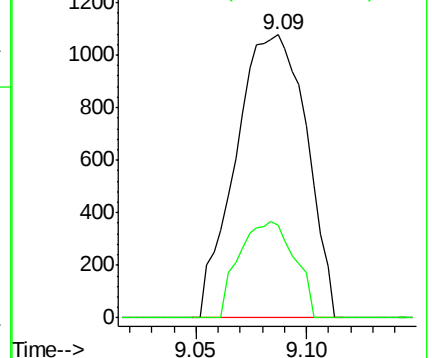
63 100

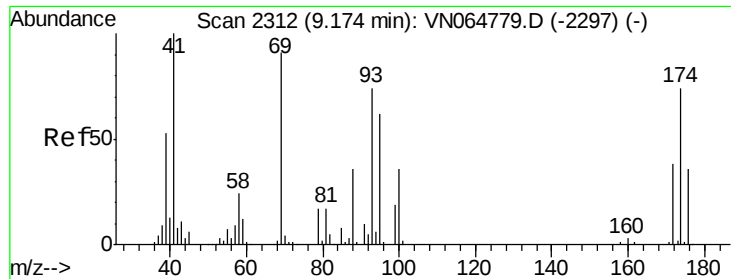
65 33.0 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





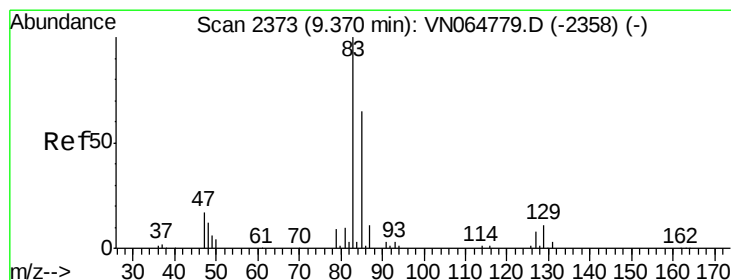
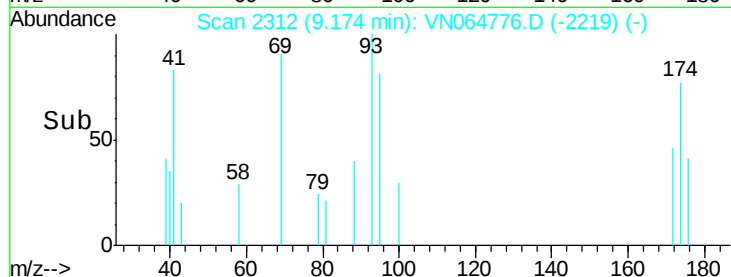
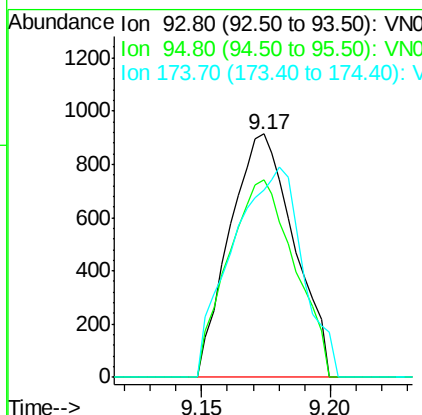
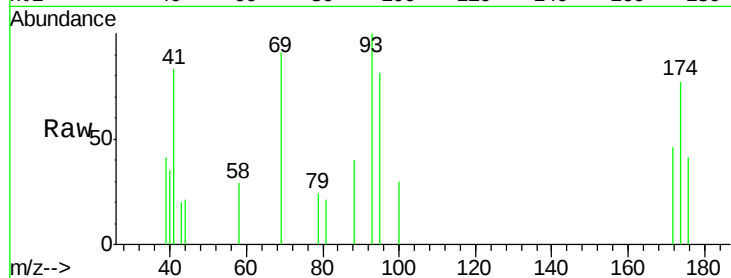
#46
Dibromomethane
Concen: 0.887 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	84.2	68.8	103.2
174	94.6	83.1	124.7

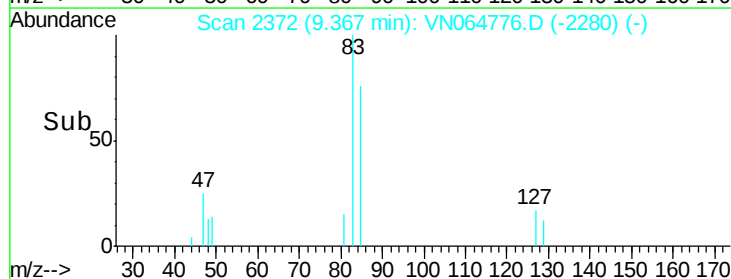
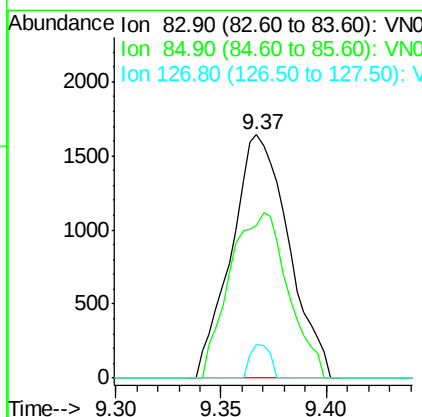
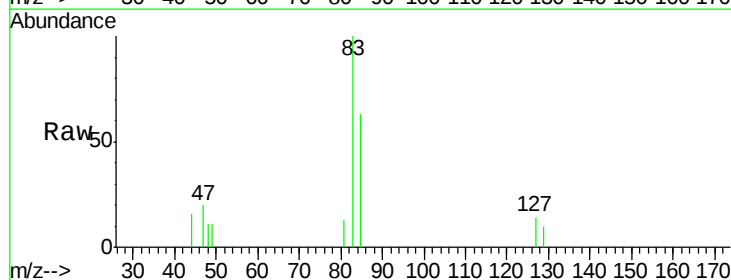
Manual Integrations
APPROVED

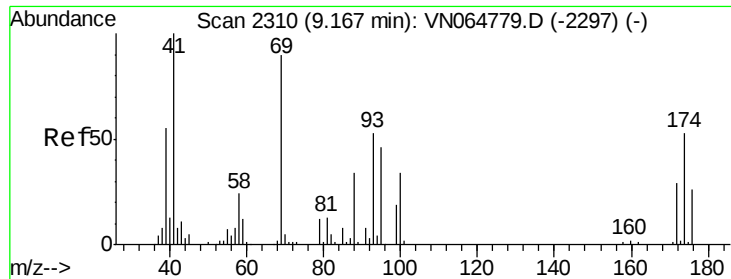
MMDadoda
11/24/2020 3:01:04 PM



#47
Bromodichloromethane
Concen: 0.829 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.8	77.8
127	13.8	6.8	10.2





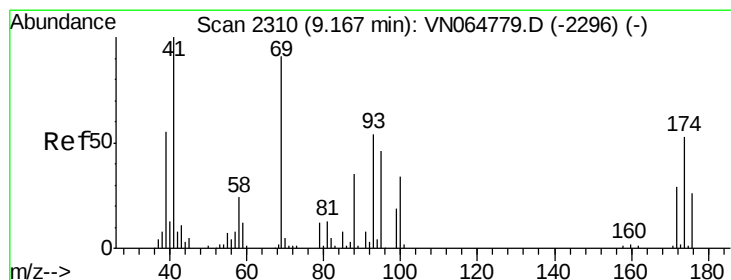
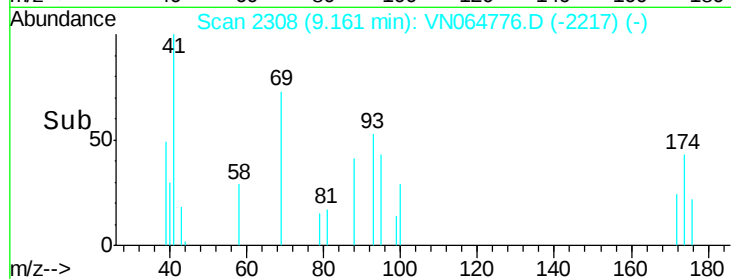
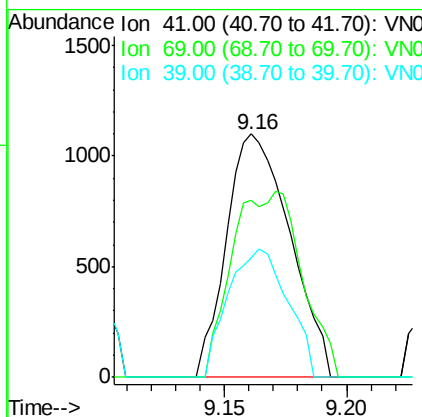
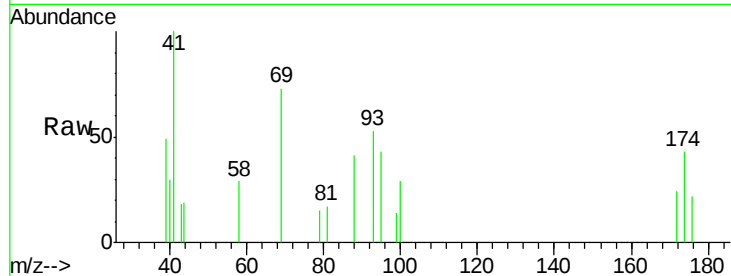
#48
Methvl methacrylate
Concen: 0.764 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	38.5	71.8	107.8#
39	49.7	44.1	66.1

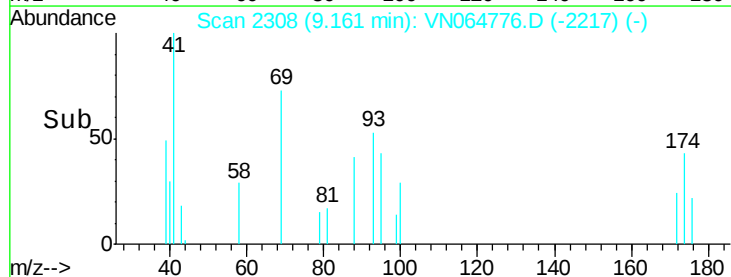
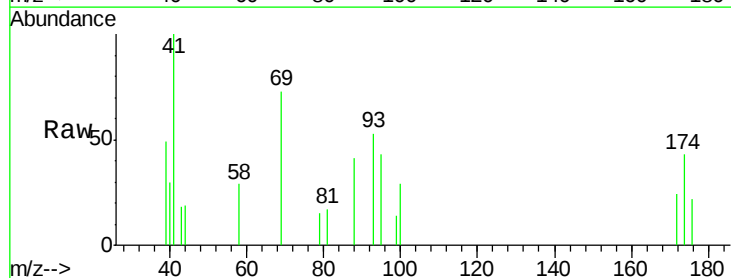
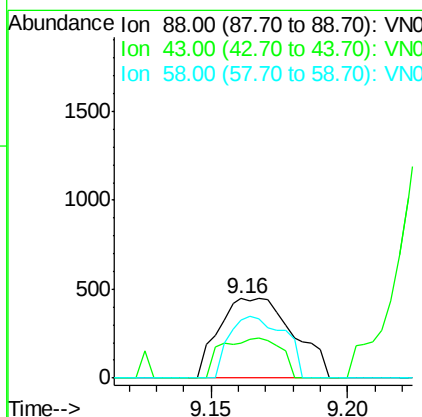
Manual Integrations
APPROVED

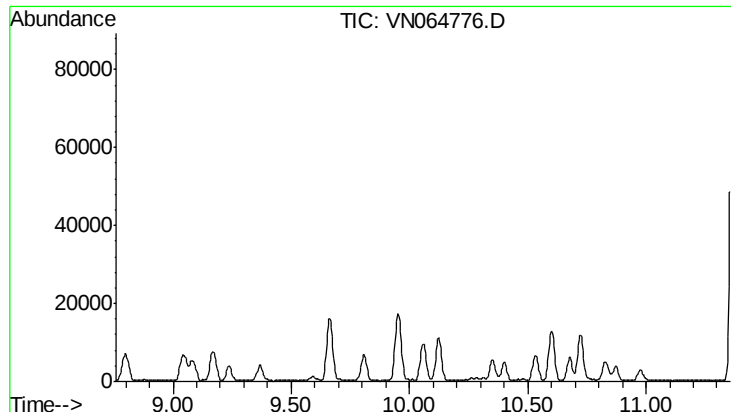
MMDadoda
11/24/2020 3:01:04 PM



#49
1,4-Dioxane
Concen: 24.159 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
88	100		
43	39.6	24.2	36.4#
58	57.2	52.5	78.7





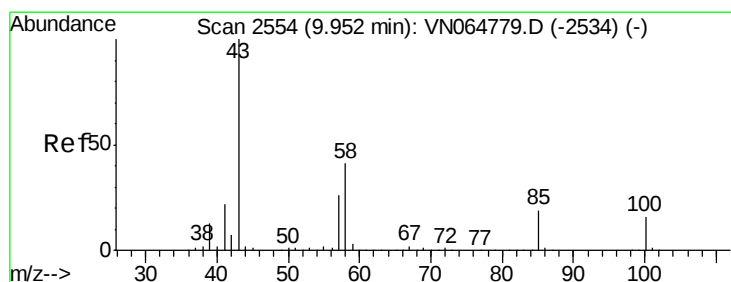
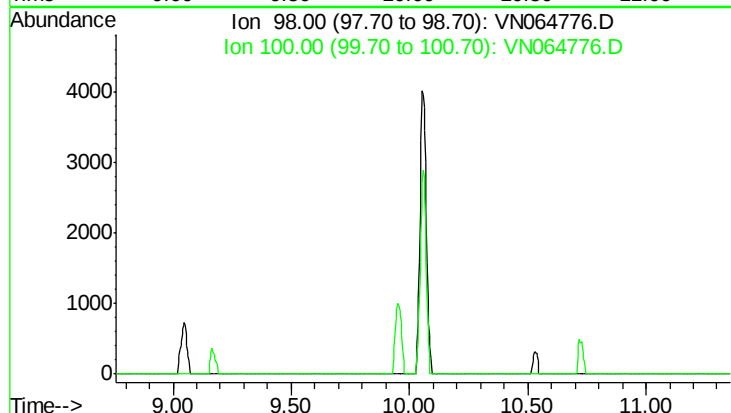
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

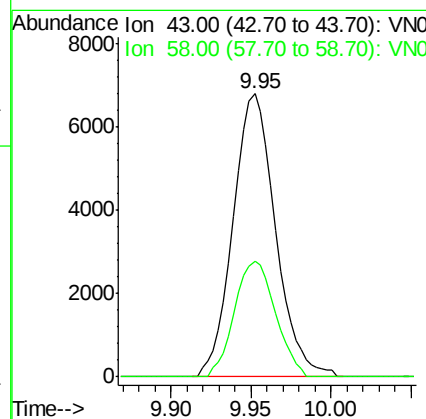
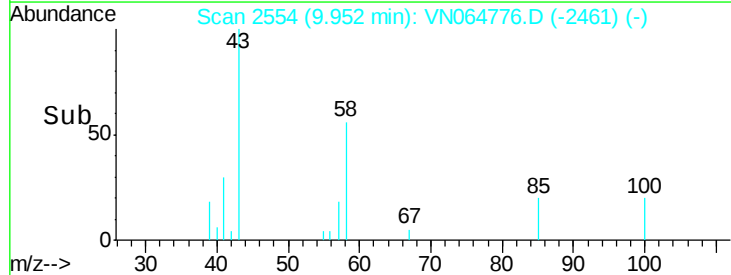
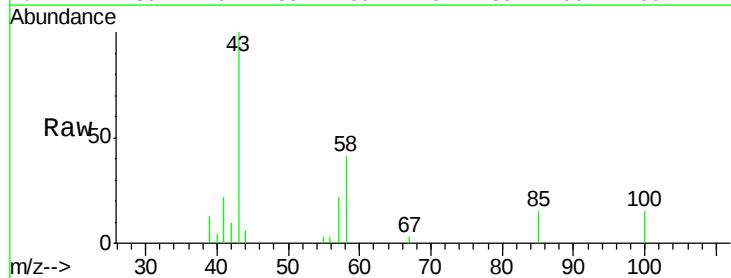
Manual Integrations
APPROVED

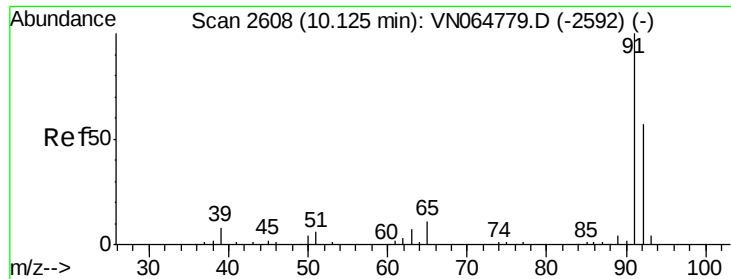
MMDadoda
11/24/2020 3:01:04 PM



#51
4-Methyl-2-Pentanone
Concen: 4.083 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 43 Resp: 12286
Ion Ratio Lower Upper
43 100
58 39.3 32.4 48.6





#52

Toluene

Concen: 0.925 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 5458

Ion Ratio Lower Upper

92 100

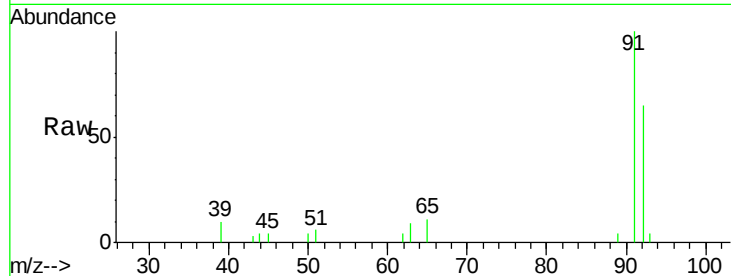
91 165.8 139.1 208.7

Manual Integrations

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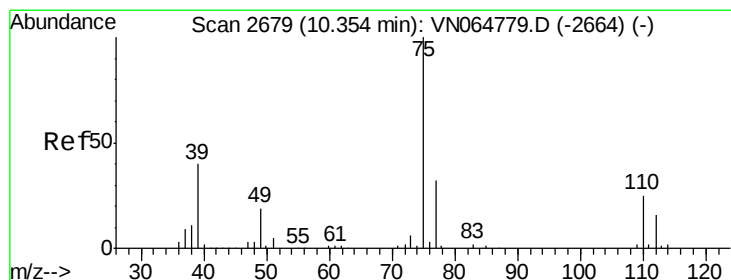
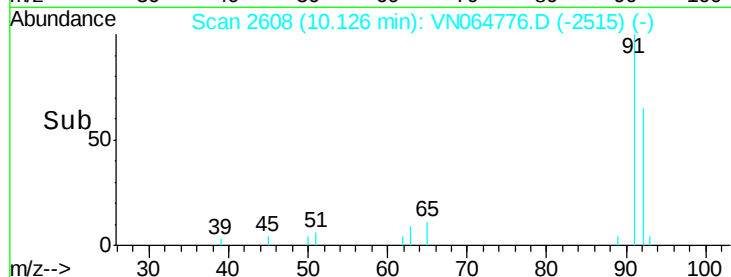
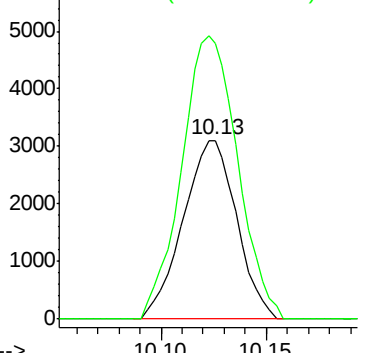
MMDadoda

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Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)



#53

t-1,3-Dichloropropene

Concen: 0.879 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064776.D

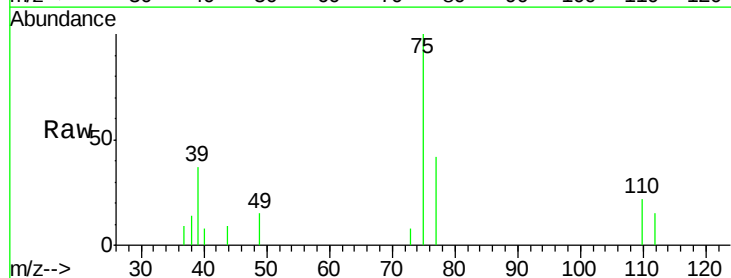
Acq: 23 Nov 2020 11:22

Tgt Ion: 75 Resp: 3527

Ion Ratio Lower Upper

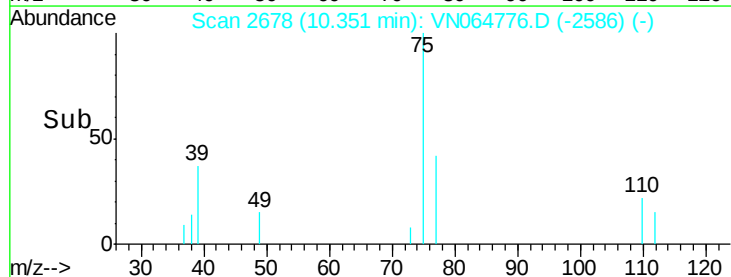
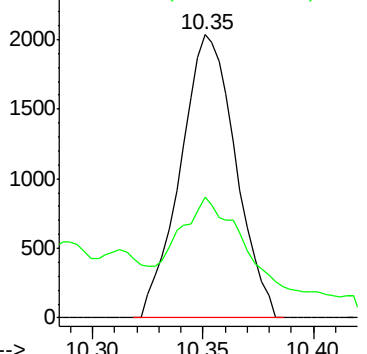
75 100

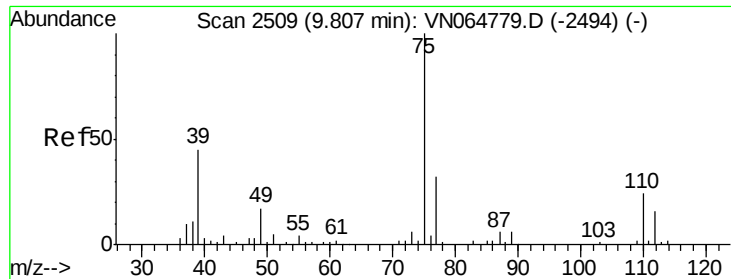
77 31.5 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-2664) (-)

Ion 76.90 (76.60 to 77.60): VN064779.D (-2664) (-)





#54

cis-1,3-Dichloropropene

Concen: 0.830 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

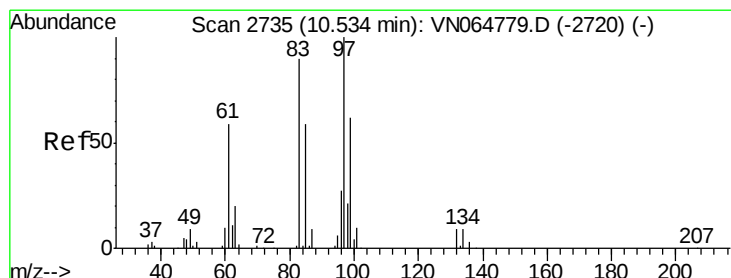
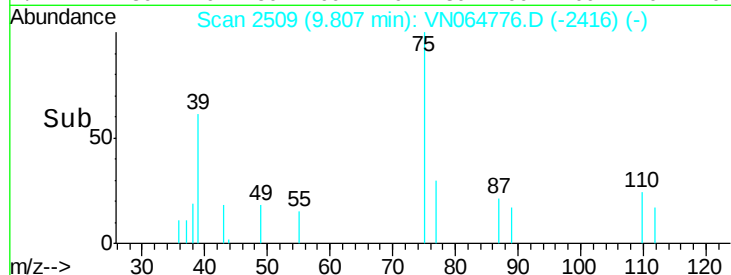
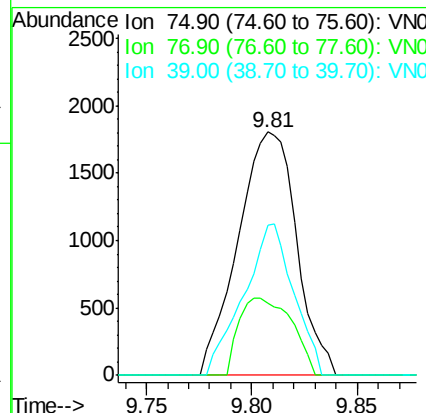
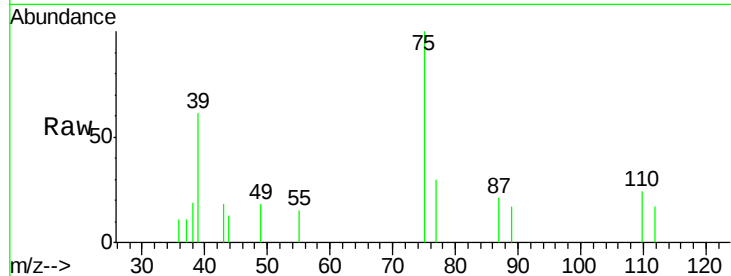
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	3476
Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.5	38.3
39	61.5	35.6	53.4#

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 1.059 ug/l

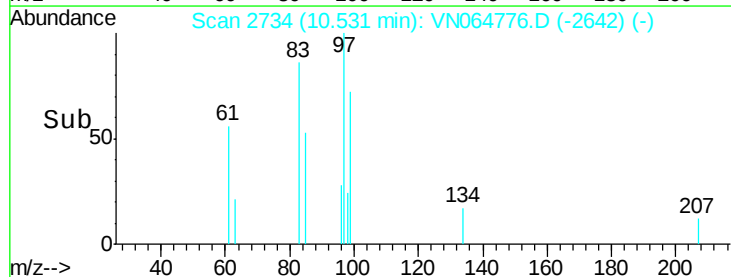
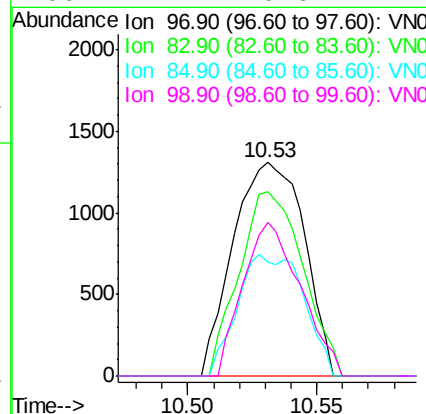
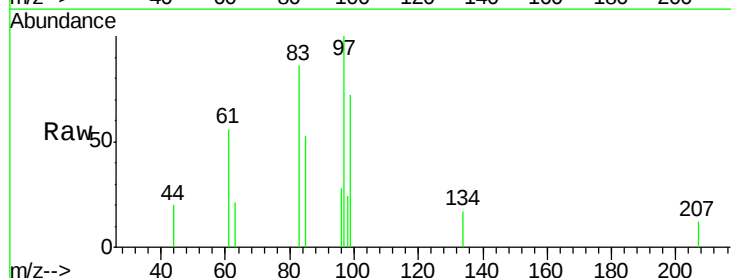
RT: 10.53 min Scan# 2734

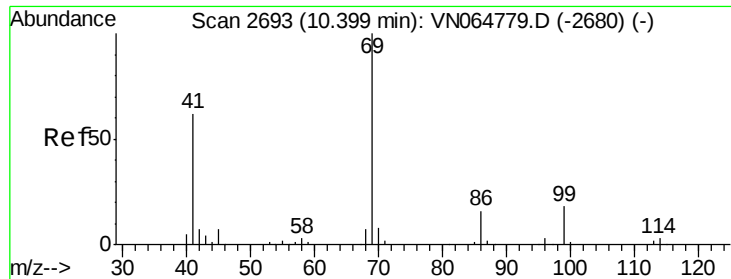
Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Tgt Ion:	97	Resp:	2505
Ion	Ratio	Lower	Upper
97	100		
83	86.5	72.1	108.1
85	53.1	46.8	70.2
99	72.2	49.6	74.4





#56

Ethyl methacrylate

Concen: 0.809 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

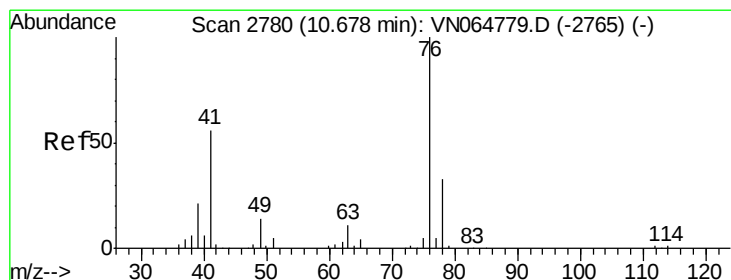
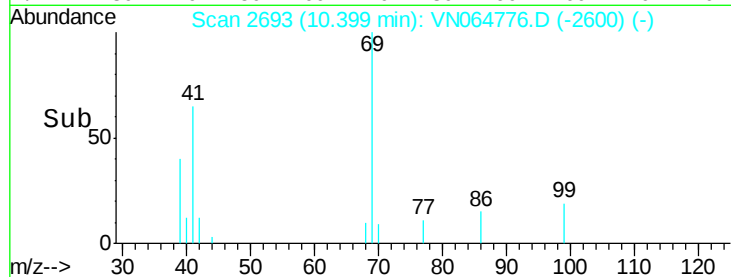
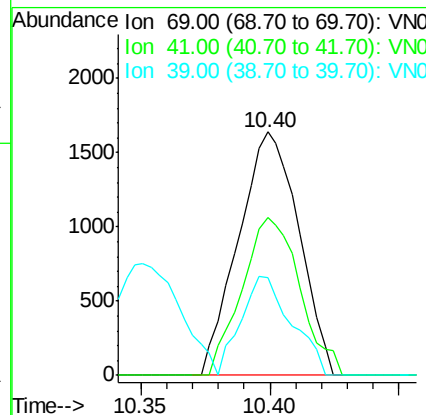
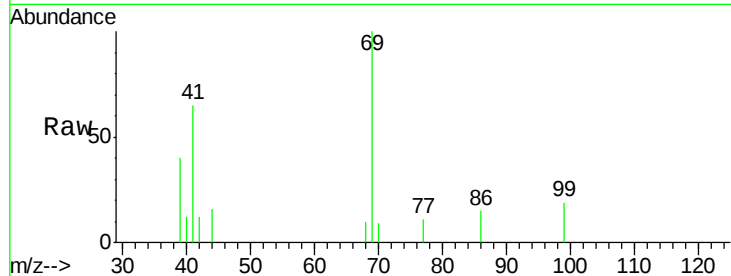
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	2670
Ion	Ratio	Lower	Upper
69	100		
41	62.5	49.4	74.0
39	34.2	25.9	38.9

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.963 ug/l

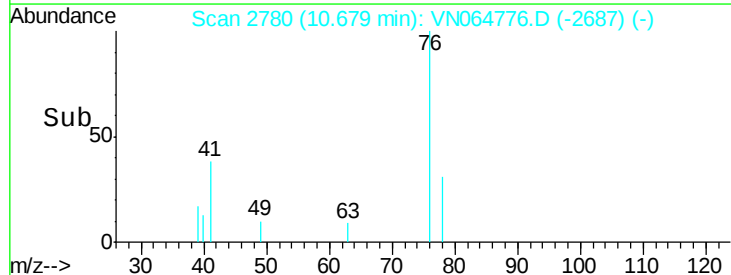
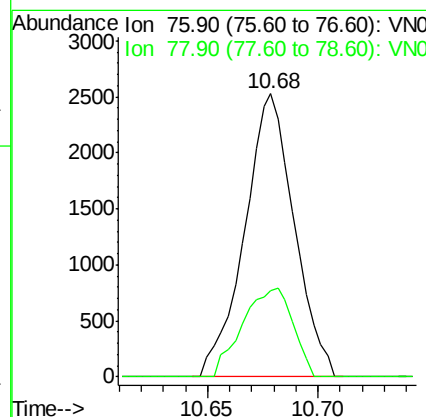
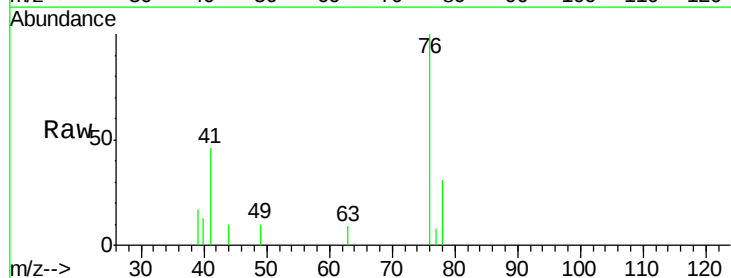
RT: 10.68 min Scan# 2780

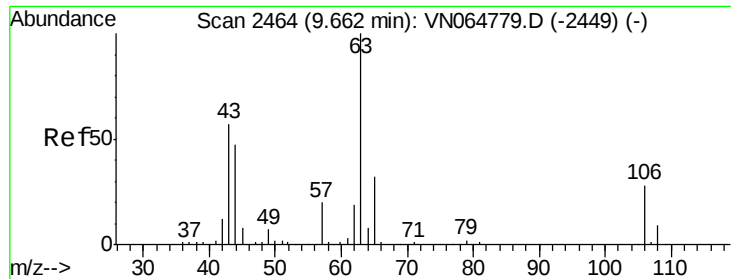
Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Tgt Ion:	76	Resp:	3944
Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.1	39.1





#58

2-Chloroethyl Vinyl ether

Concen: 4.382 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 7976

Ion Ratio Lower Upper

63 100

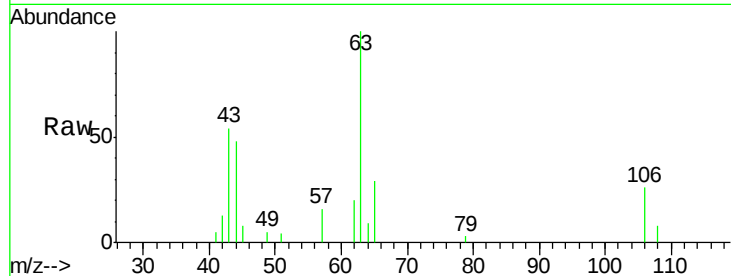
106 27.8 22.7 34.1

Manual Integrations

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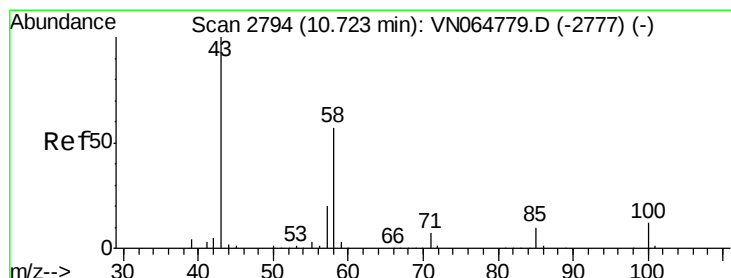
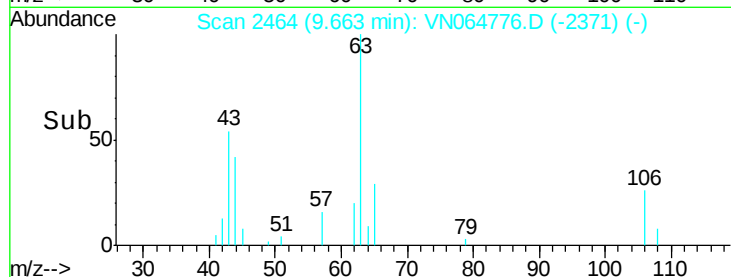
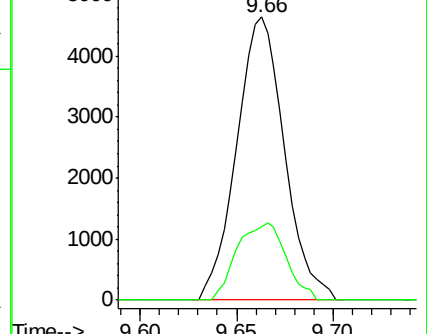
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 3.885 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN064776.D

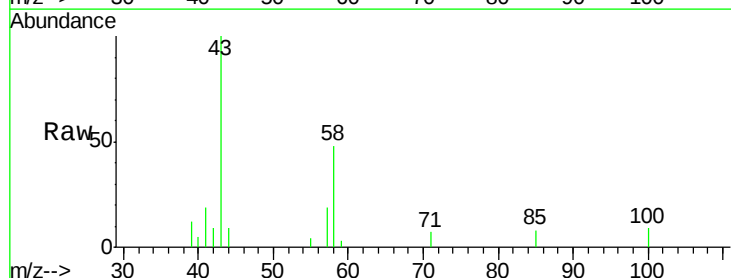
Acq: 23 Nov 2020 11:22

Tgt Ion: 43 Resp: 8441

Ion Ratio Lower Upper

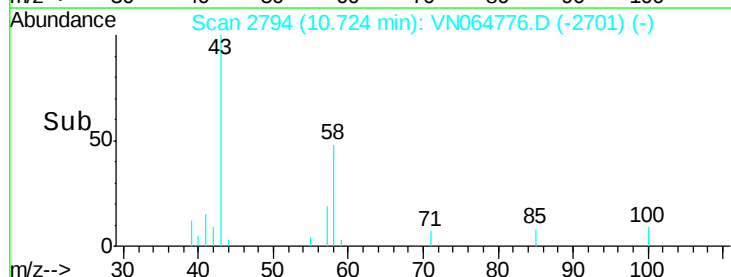
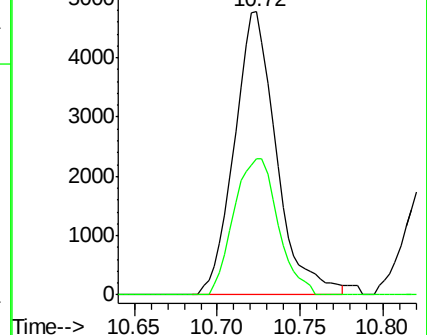
43 100

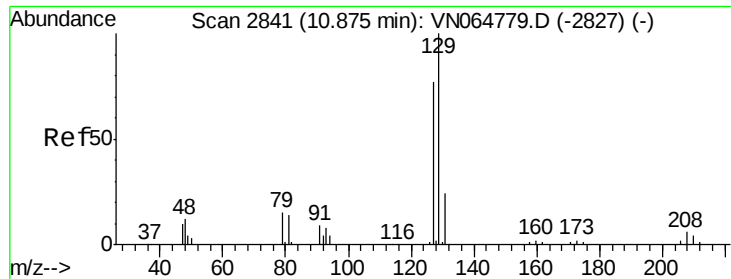
58 50.2 28.3 84.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





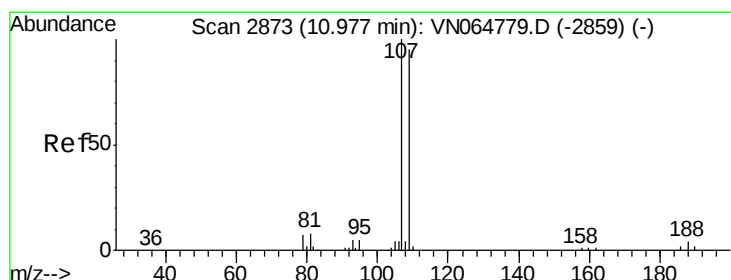
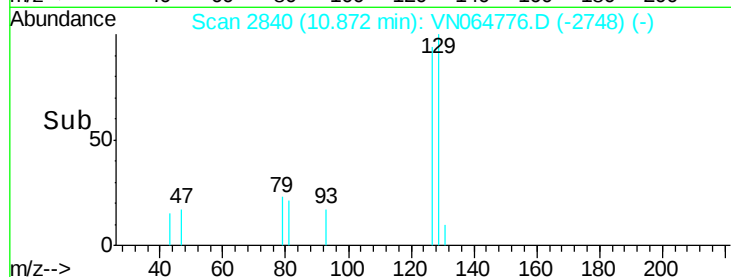
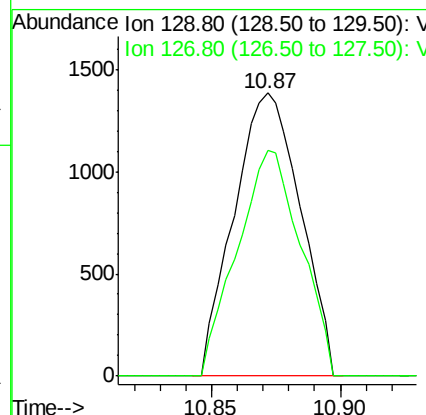
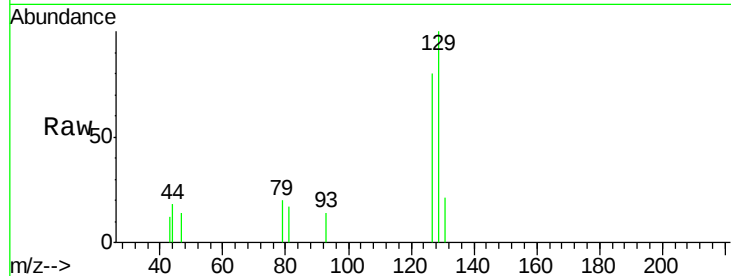
#60
Dibromochloromethane
Concen: 0.903 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:129 Resp: 2478
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2

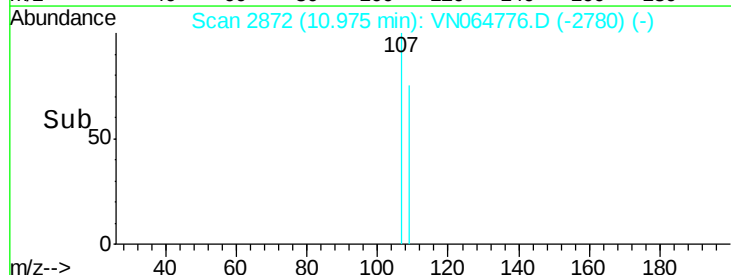
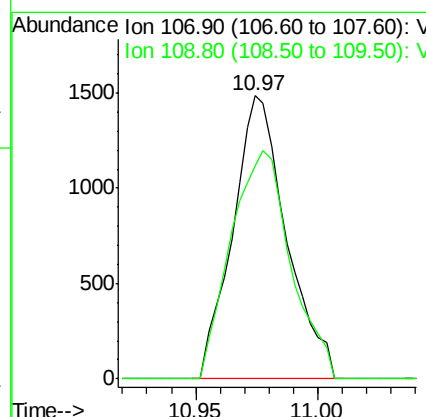
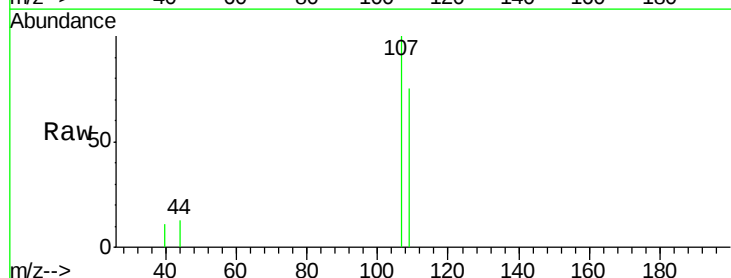
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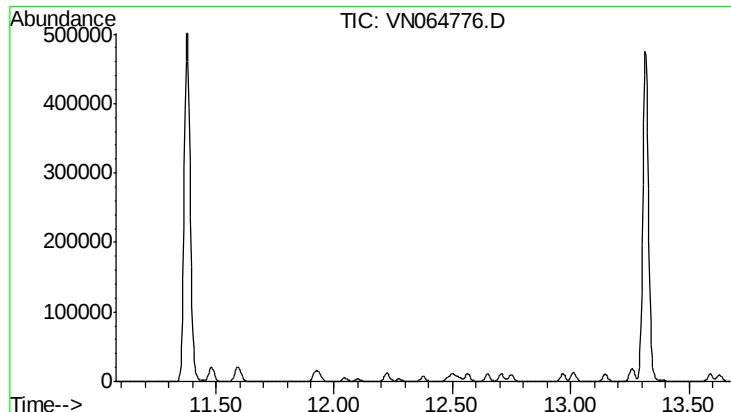
MMDadoda
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#61
1,2-Dibromoethane
Concen: 0.896 ug/l
RT: 10.97 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion:107 Resp: 2264
Ion Ratio Lower Upper
107 100
109 89.9 76.0 114.0





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.38 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Tot Ion	95
Sig	Exp Ratio
95	100
174	80.2
176	79.2

Instrument :

MSVOA_N

ClientSampleId :

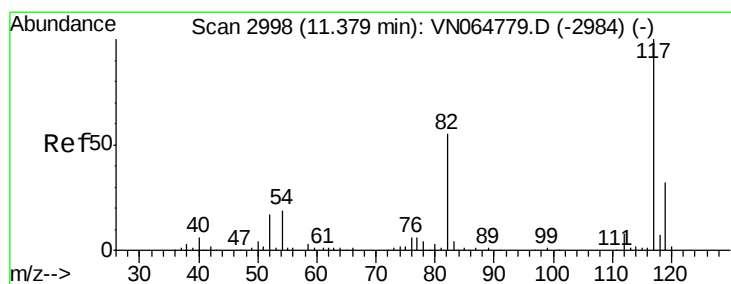
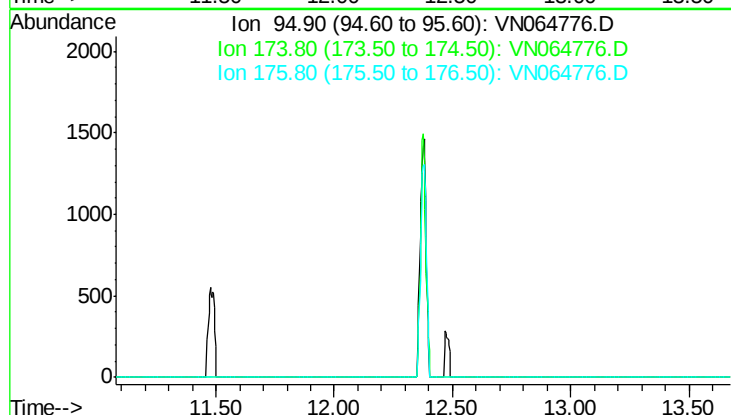
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

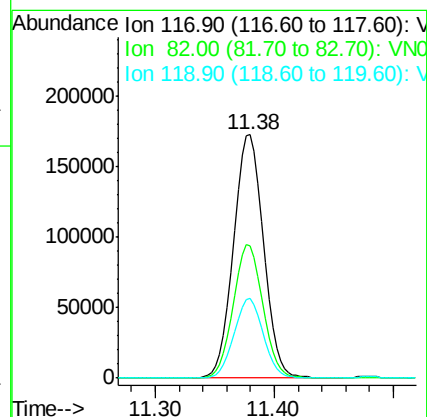
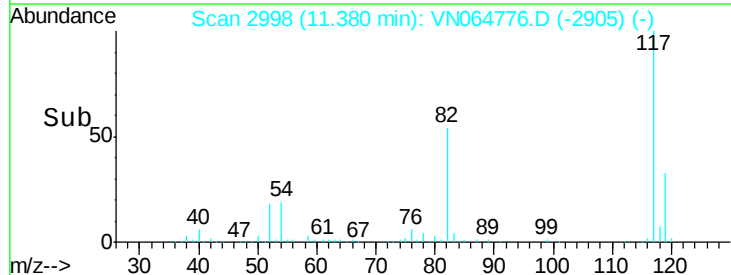
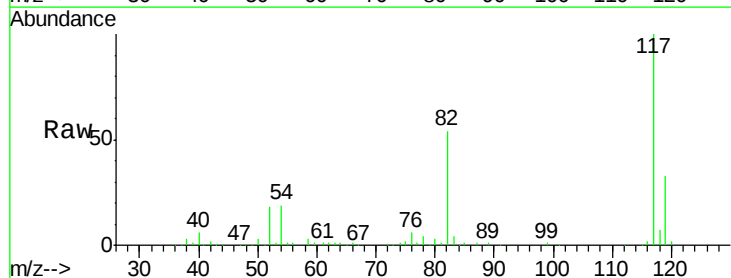
RT: 11.38 min Scan# 2998

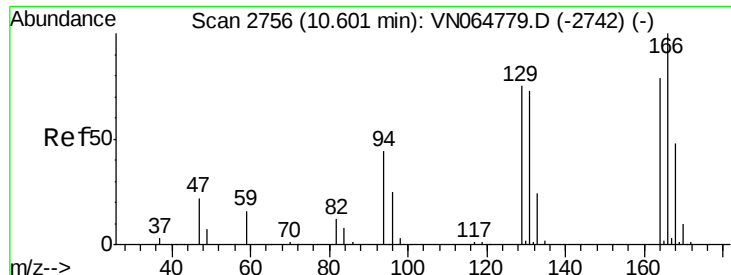
Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Tgt Ion	117	Resp	302947
Ion Ratio	Lower	Upper	
117	100		
82	54.4	44.2	66.2
119	32.7	25.8	38.6





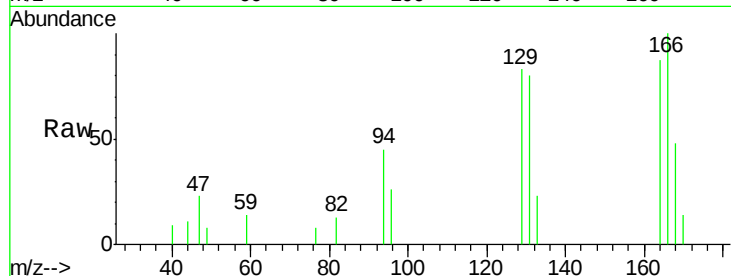
#64
Tetrachloroethene
Concen: 1.153 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

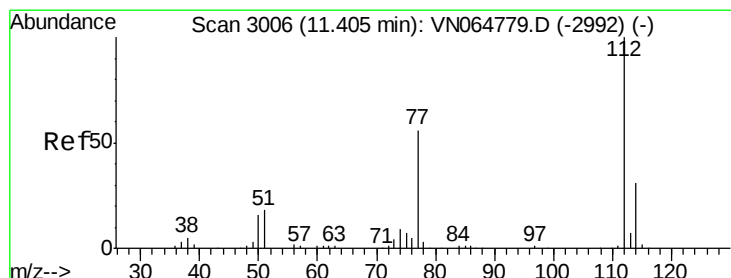
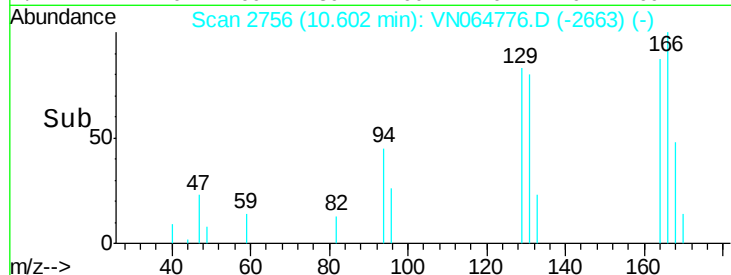
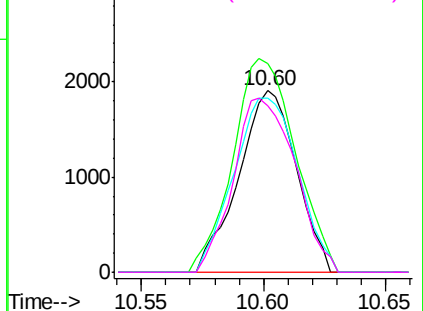
Tot Ion	Ratio	Lower	Upper
164	100		
166	115.3	101.4	152.0
129	95.9	76.1	114.1
131	92.0	74.2	111.2

Manual Integrations
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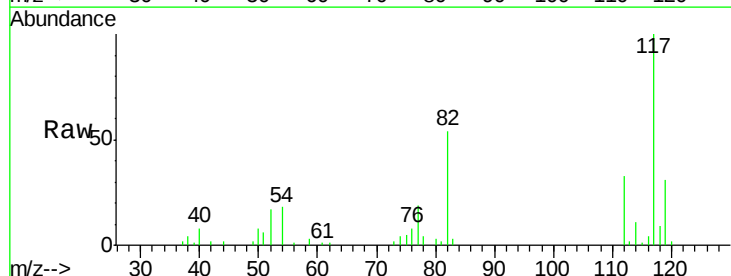


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

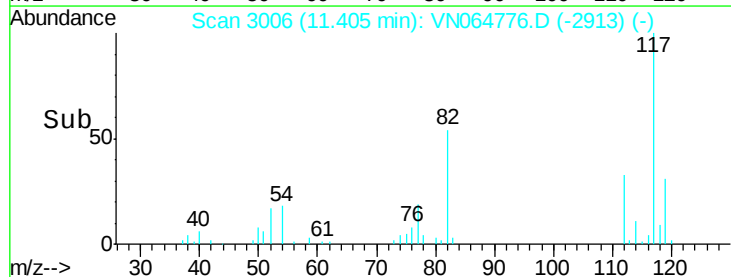
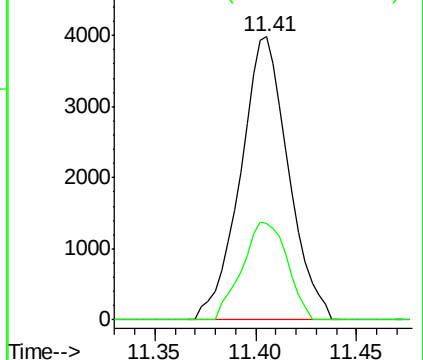


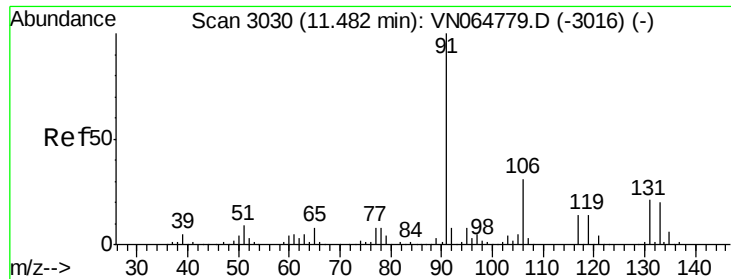
#65
Chlorobenzene
Concen: 1.036 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.2	25.1	37.7



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





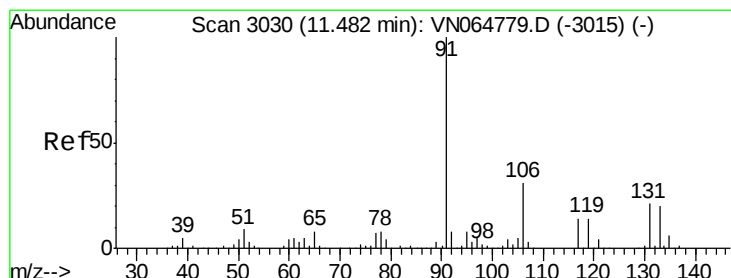
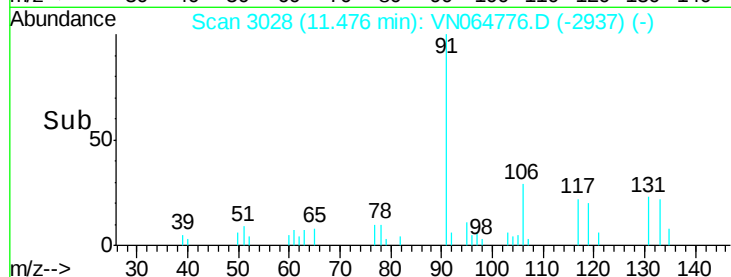
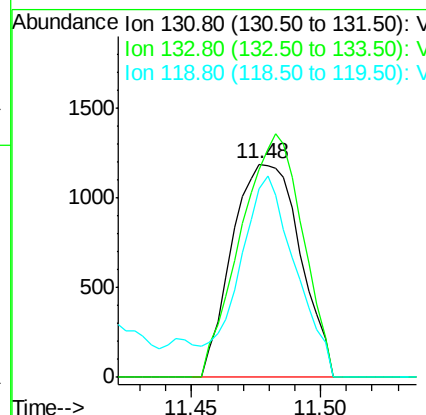
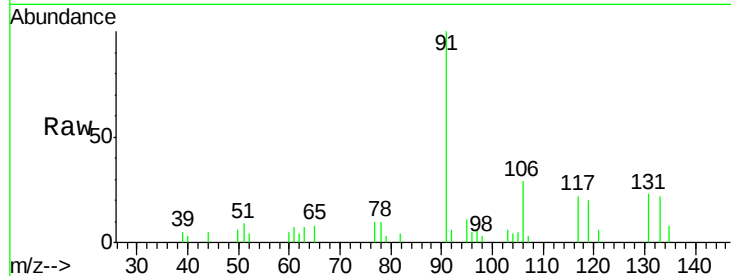
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.906 ug/l
 RT: 11.48 min Scan# 3028
 Delta R.T. -0.01 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	104.6	47.5	142.5
119	0.0	33.3	99.8

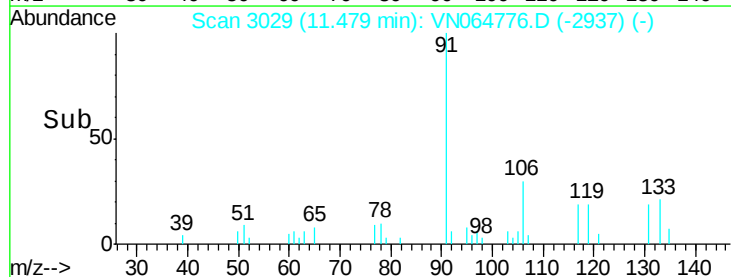
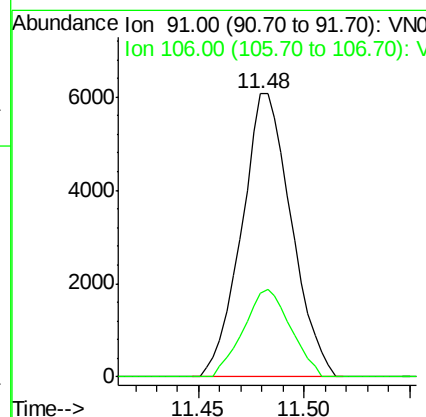
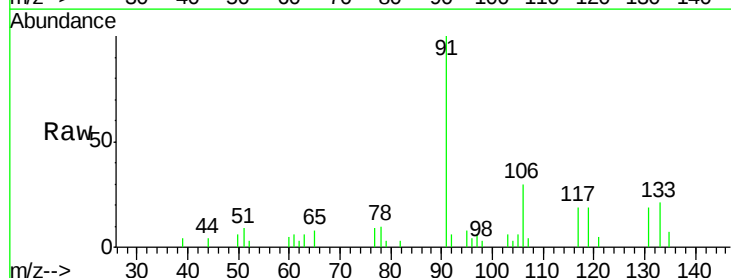
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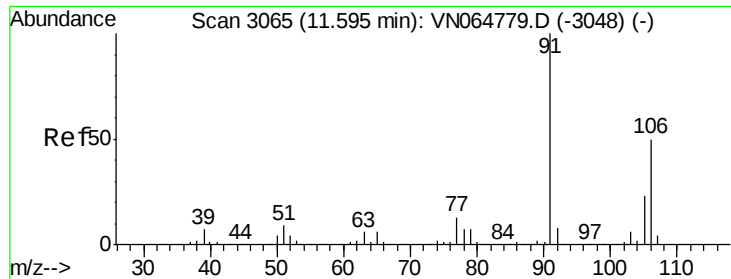
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#67
 Ethyl Benzene
 Concen: 0.887 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.7	25.2	37.8





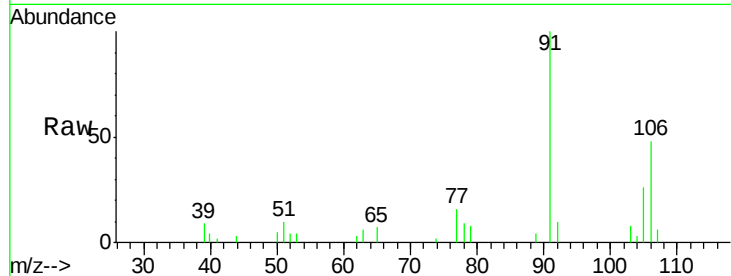
#68
m/p-Xylenes
Concen: 1.742 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

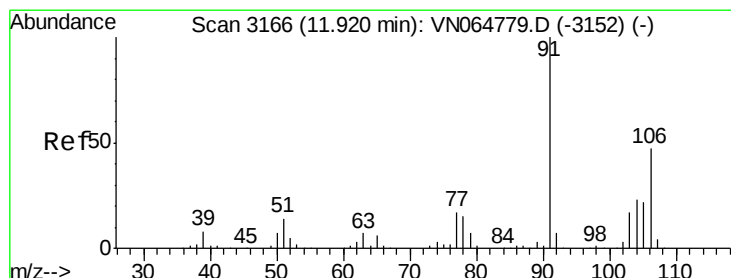
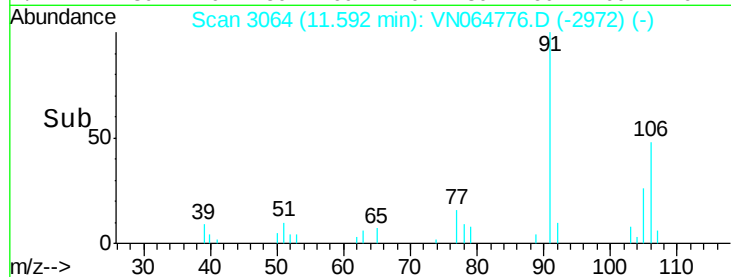
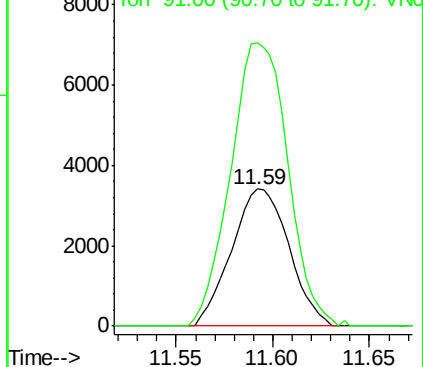
Tot Ion:106 Resp: 7061
Ion Ratio Lower Upper
106 100
91 206.1 161.0 241.4

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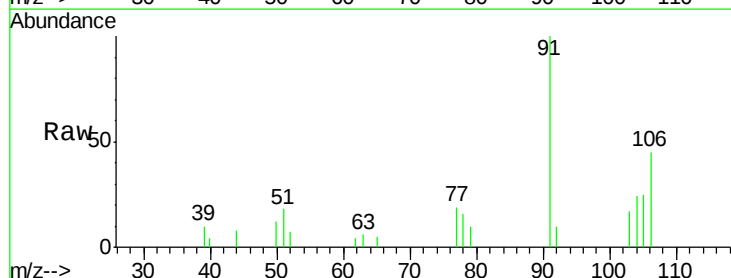


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

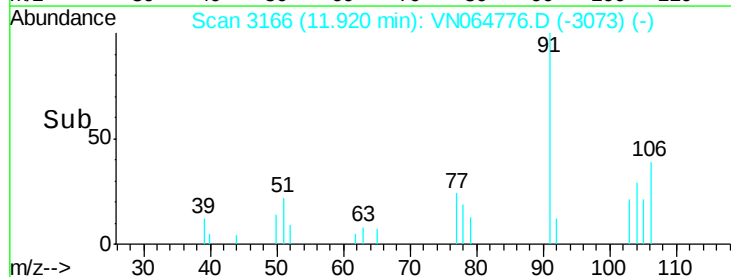
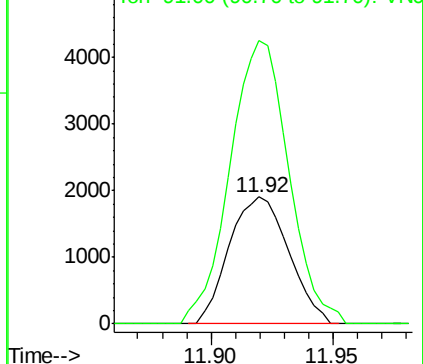


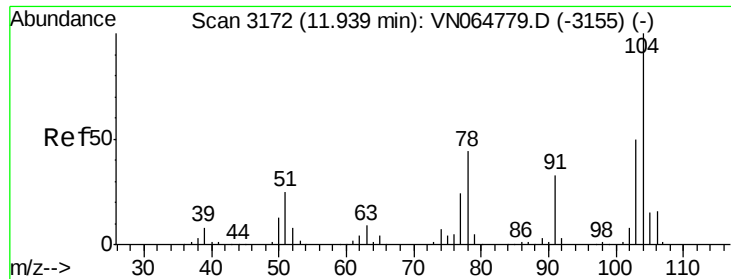
#69
o-Xylene
Concen: 0.818 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion:106 Resp: 3221
Ion Ratio Lower Upper
106 100
91 220.1 105.5 316.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#70

Stvrene

Concen: 0.777 ug/l

RT: 11.94 min Scan# 3172

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

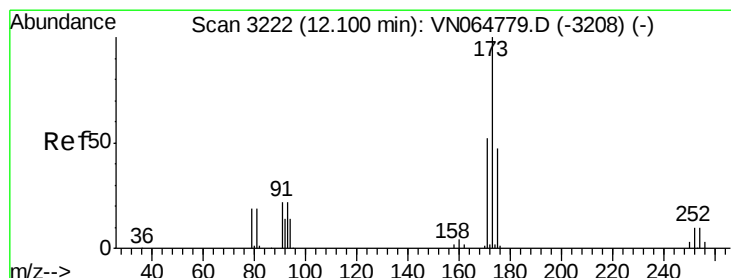
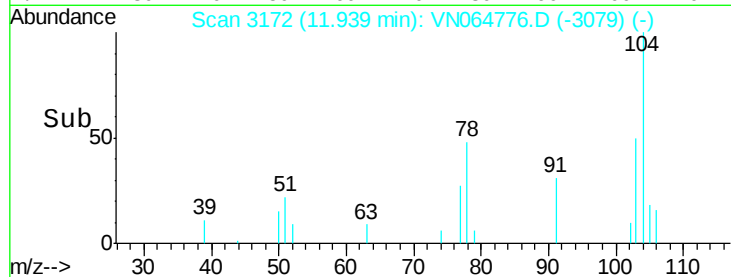
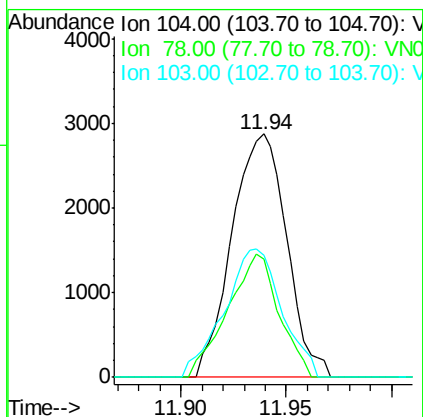
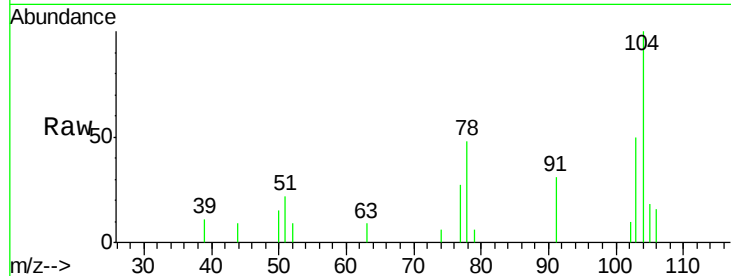
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	5181
Ion	Ratio	Lower	Upper
104	100		
78	47.5	39.0	58.6
103	55.4	44.3	66.5

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#71

Bromoform

Concen: 1.081 ug/l

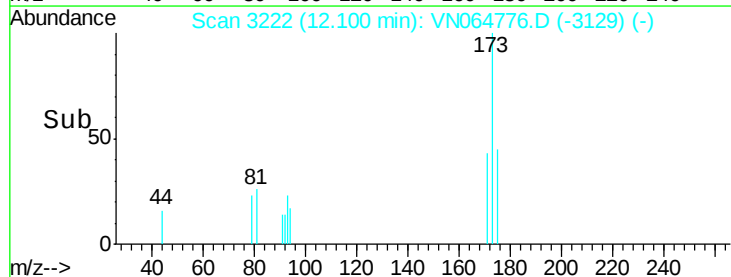
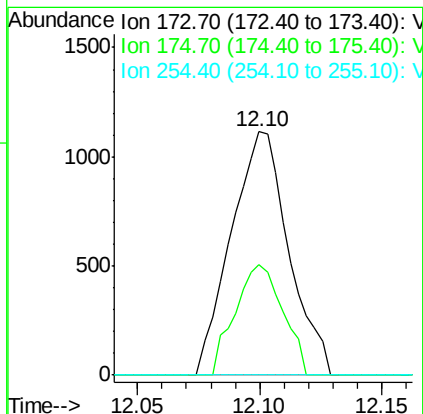
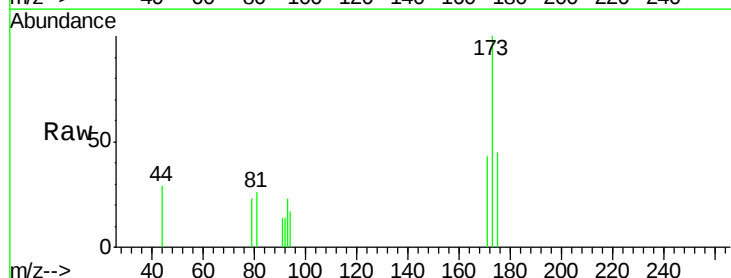
RT: 12.10 min Scan# 3222

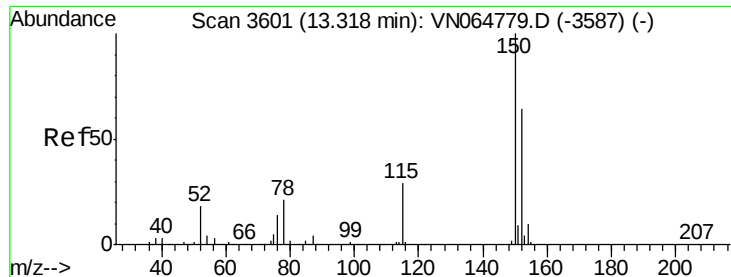
Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Tgt Ion:	173	Resp:	1822
Ion	Ratio	Lower	Upper
173	100		
175	37.9	24.3	72.8
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 133393

Ion Ratio Lower Upper

152 100

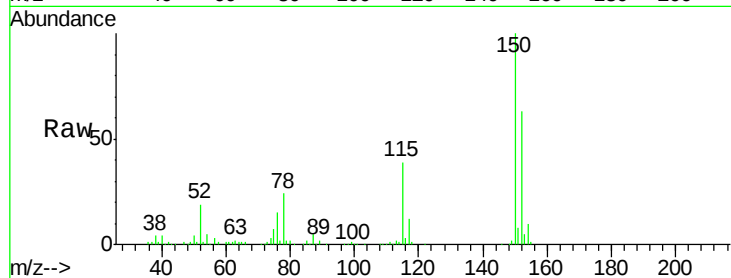
115 58.8 29.7 89.1

150 156.6 0.0 350.6

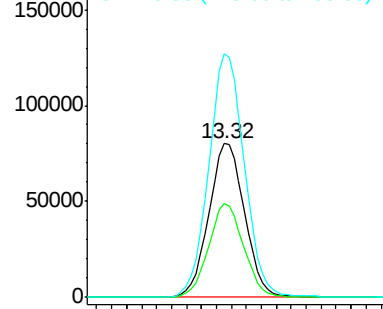
Manual Integrations
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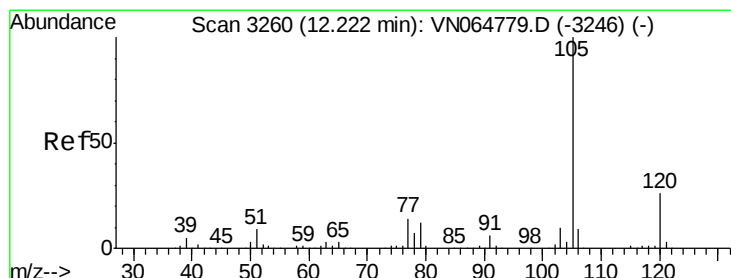
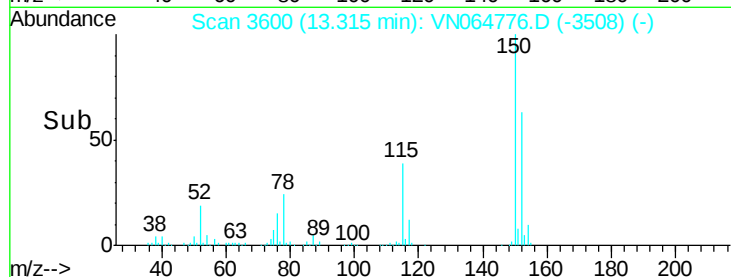
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->



#73

Isopropylbenzene

Concen: 0.939 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064776.D

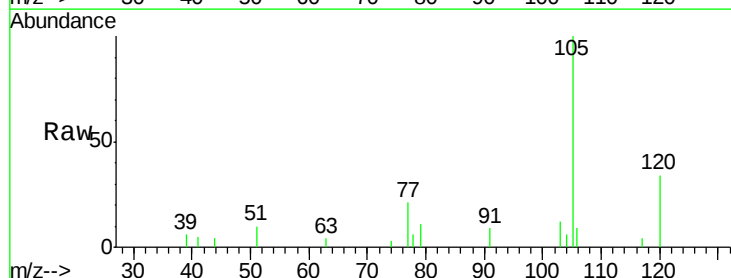
Acq: 23 Nov 2020 11:22

Tgt Ion:105 Resp: 8853

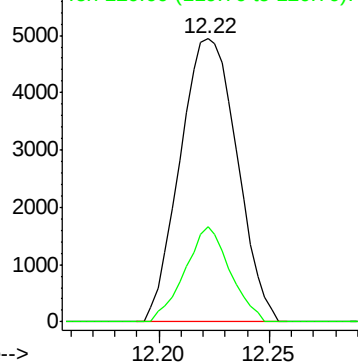
Ion Ratio Lower Upper

105 100

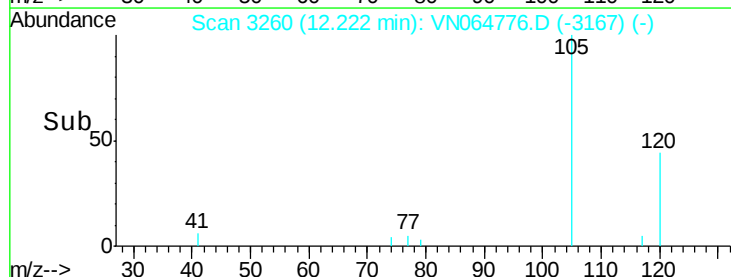
120 26.6 13.3 39.9

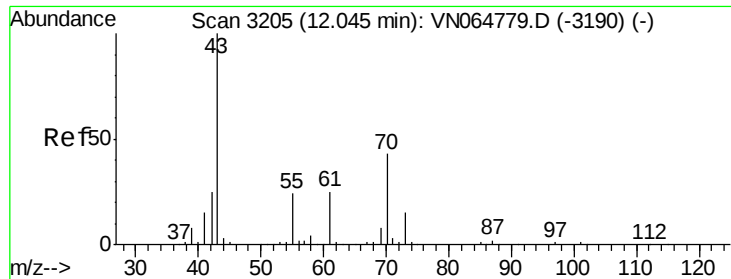


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





#74

N-amvl acetate

Concen: 0.730 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

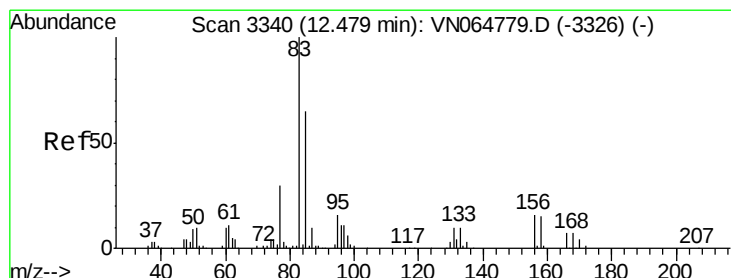
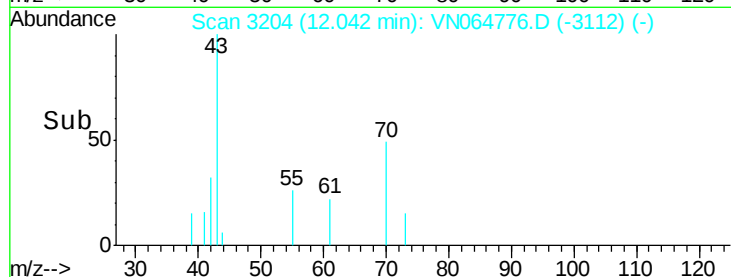
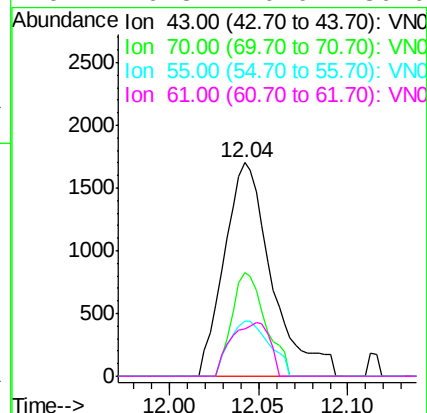
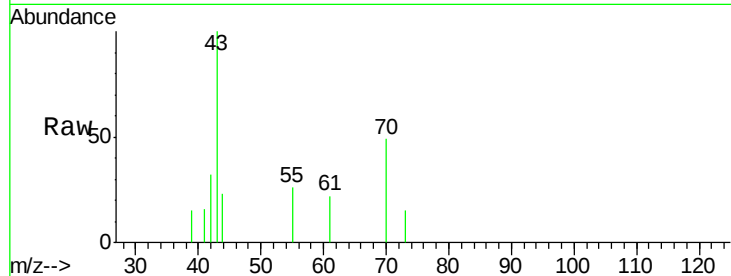
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	3132
Ion	Ratio	Lower	Upper
43	100		
70	34.5	34.5	51.7
55	22.1	20.4	30.6
61	20.3	20.0	30.0

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.002 ug/l

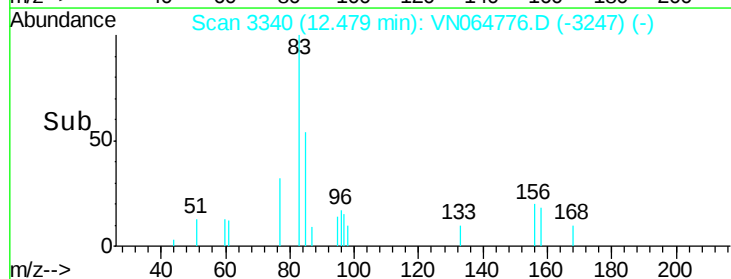
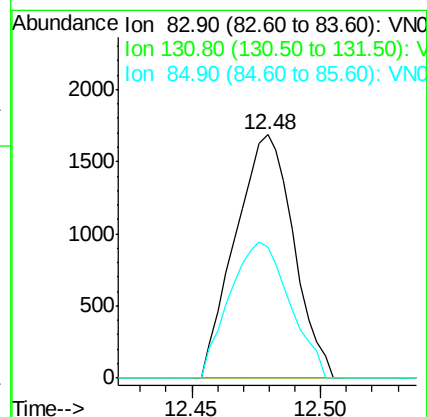
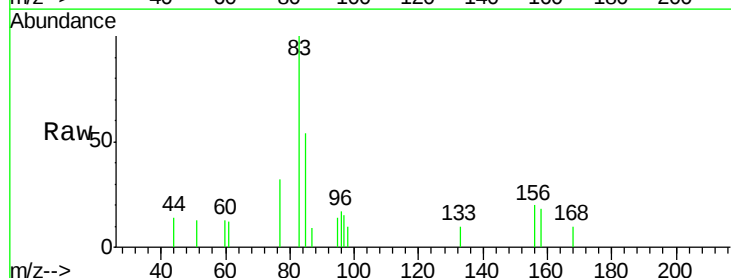
RT: 12.48 min Scan# 3340

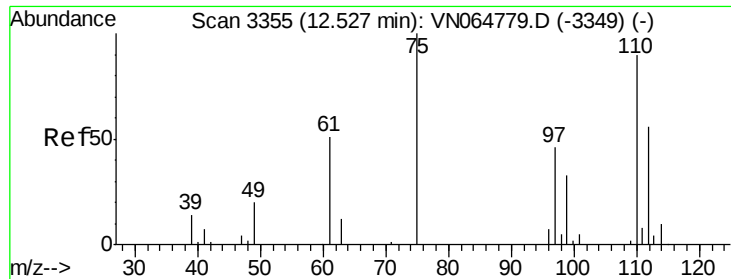
Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Tgt Ion:	83	Resp:	2653
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	57.7	33.0	99.0





#76

1,2,3-Trichloropropane

Concen: 1.213 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 3471

Ion Ratio Lower Upper

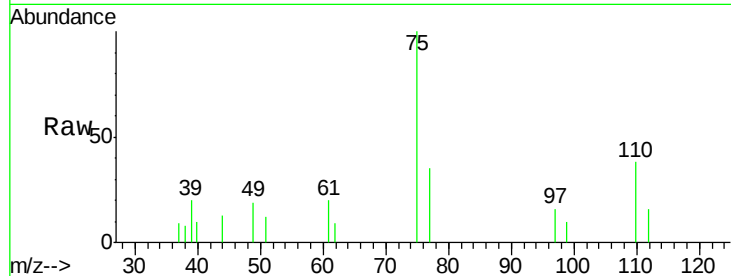
75 100

77 0.0 0.0 0.0

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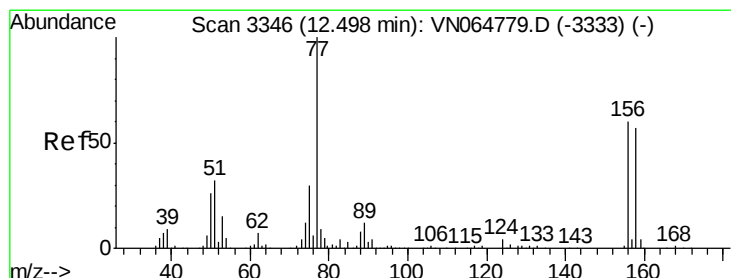
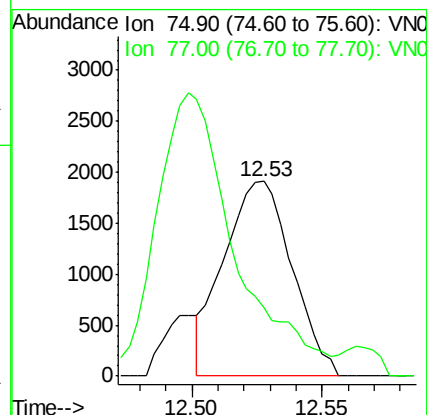
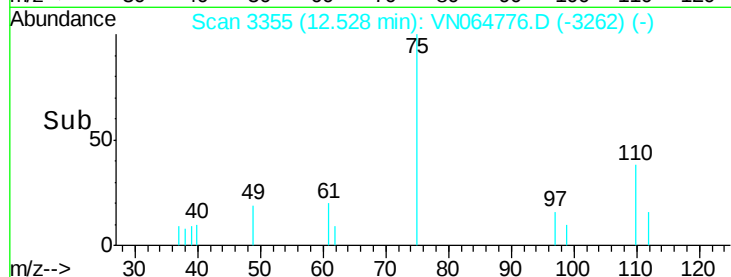
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Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)

12.53



#77

Bromobenzene

Concen: 1.148 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

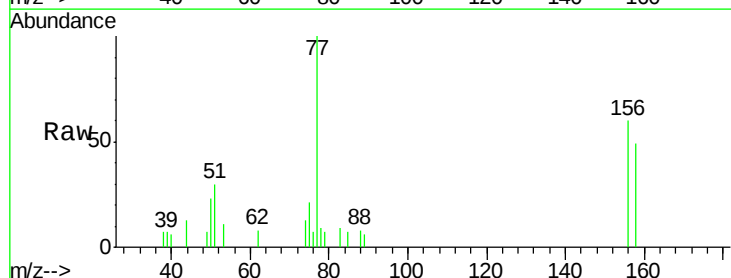
Tgt Ion: 156 Resp: 2751

Ion Ratio Lower Upper

156 100

77 210.6 101.3 303.7

158 88.3 48.2 144.6

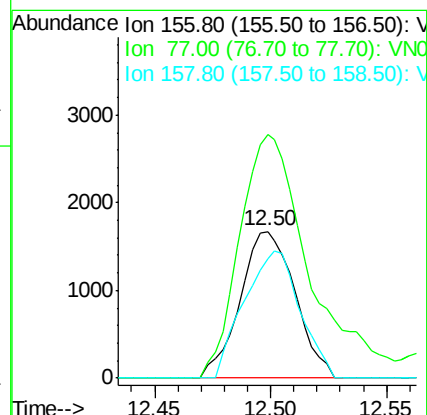
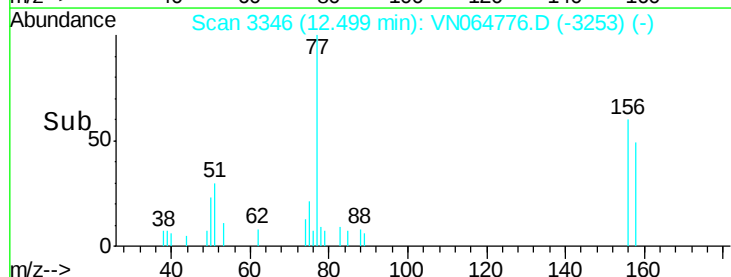


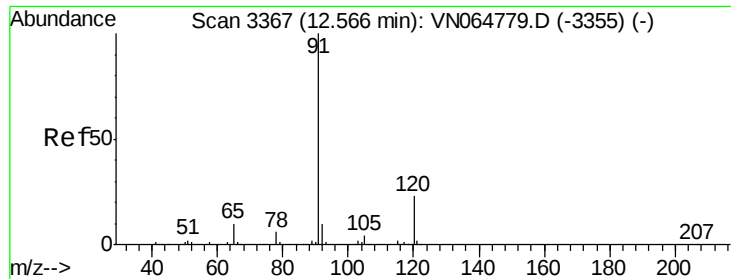
Abundance Ion 155.80 (155.50 to 156.50): VN064779.D (-3333) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3333) (-)

Ion 157.80 (157.50 to 158.50): VN064779.D (-3333) (-)

12.50





#78

n-propylbenzene

Concen: 0.885 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 9683

Ion Ratio Lower Upper

91 100

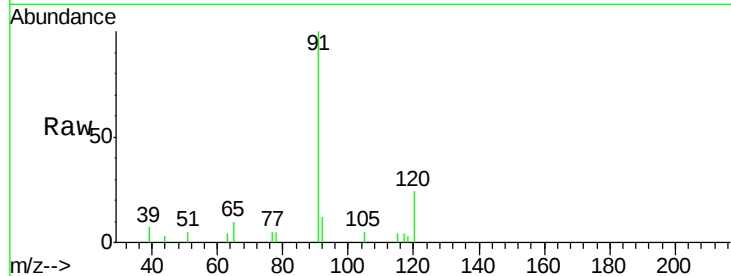
120 23.0 11.6 34.7

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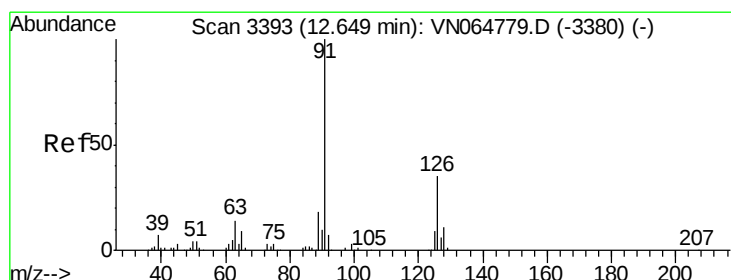
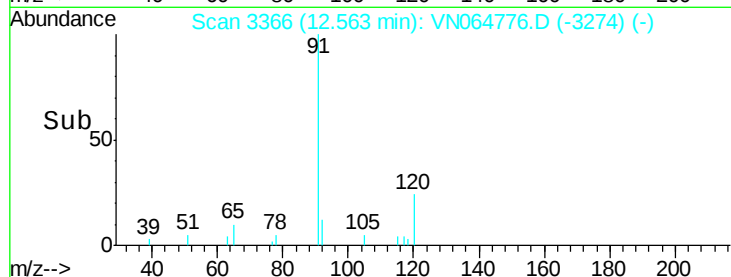
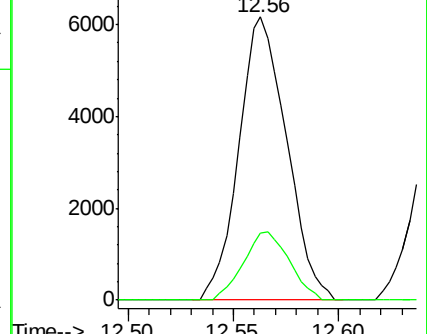
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.961 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064776.D

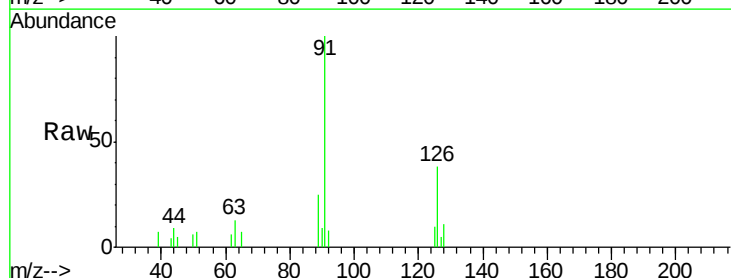
Acq: 23 Nov 2020 11:22

Tgt Ion: 91 Resp: 6690

Ion Ratio Lower Upper

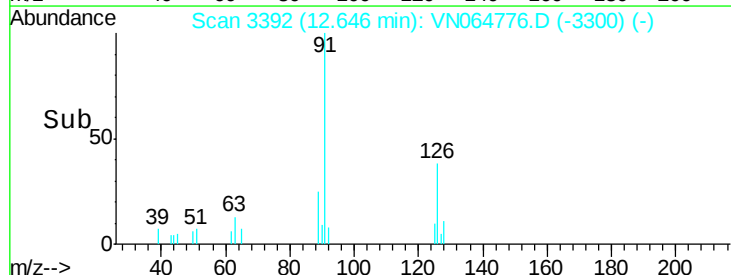
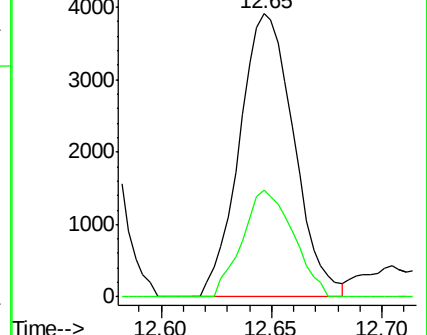
91 100

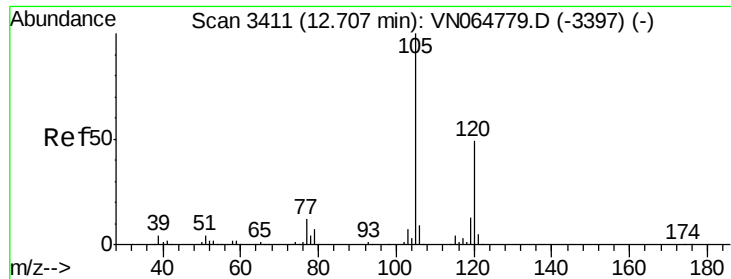
126 35.2 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





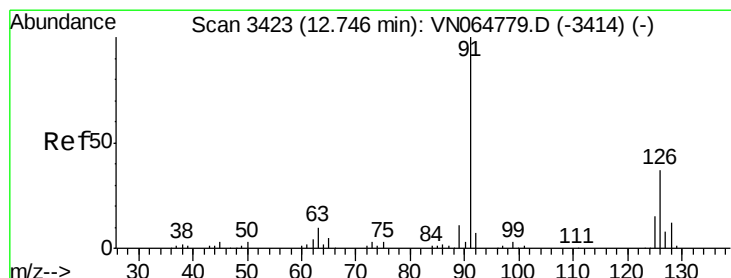
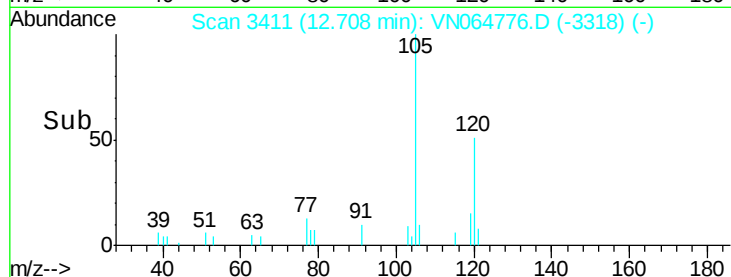
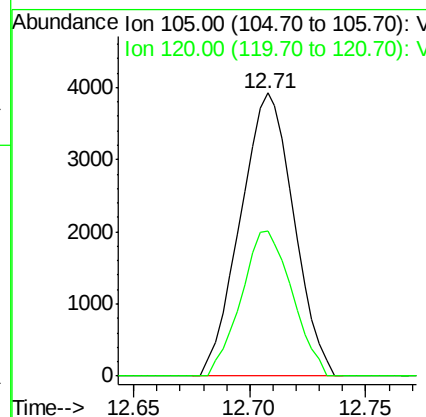
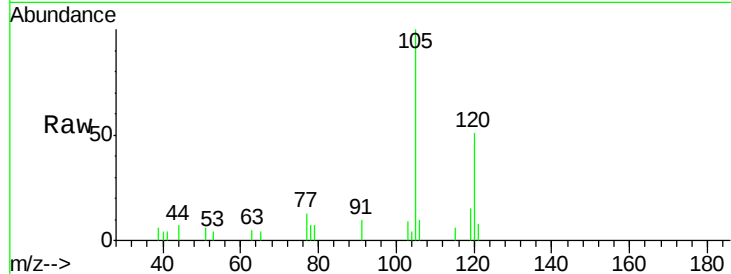
#80
 1,3,5-Trimethylbenzene
 Concen: 0.802 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 6276
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 73.6

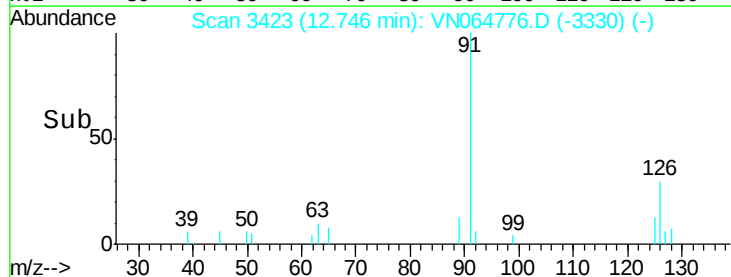
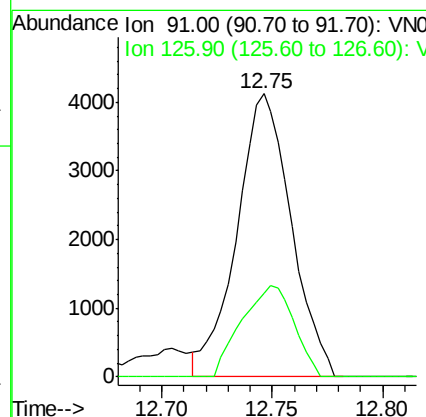
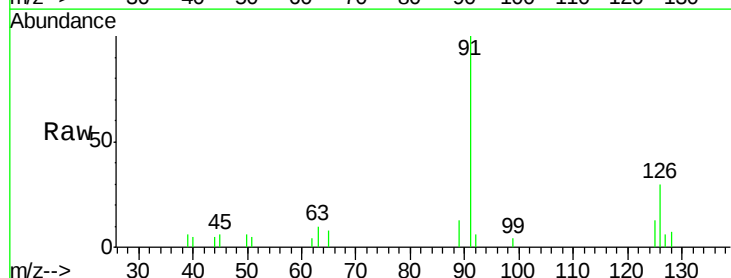
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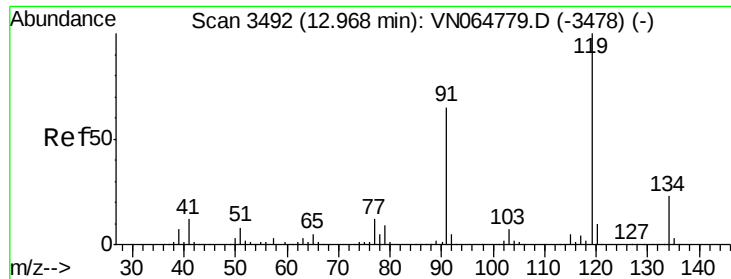
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#82
 4-Chlorotoluene
 Concen: 0.955 ug/l
 RT: 12.75 min Scan# 3423
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion: 91 Resp: 7055
 Ion Ratio Lower Upper
 91 100
 126 31.1 16.9 50.7





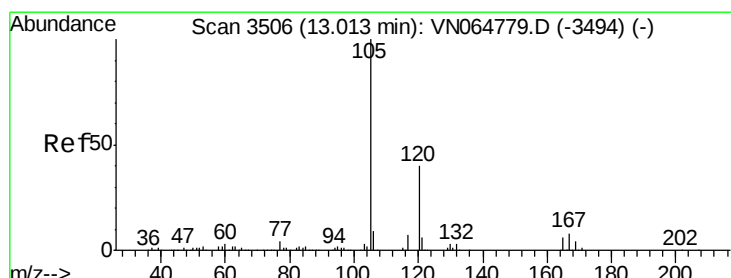
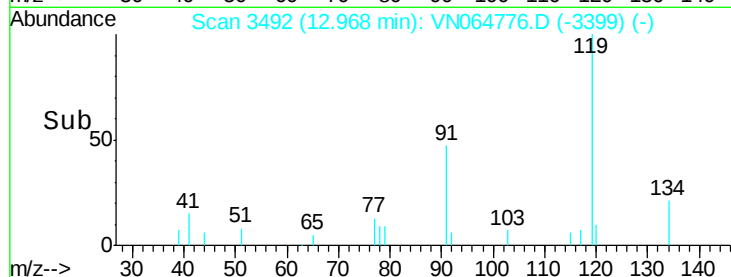
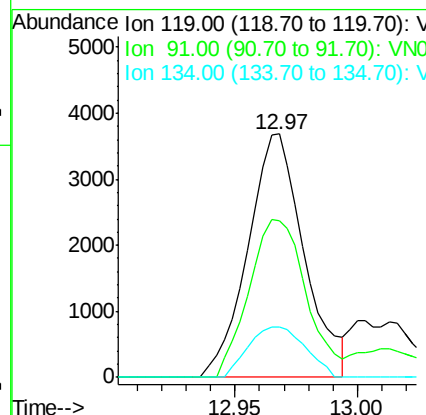
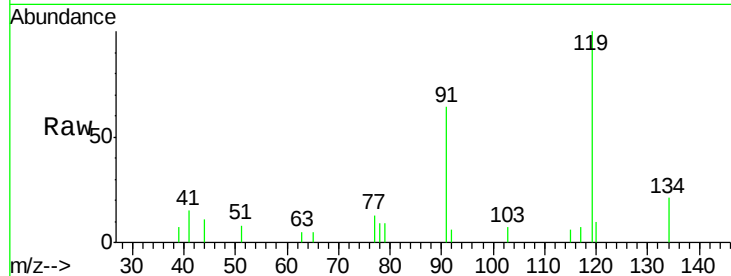
#83
tert-Butylbenzene
Concen: 0.963 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.9	32.3	96.8
134	21.0	12.6	37.6

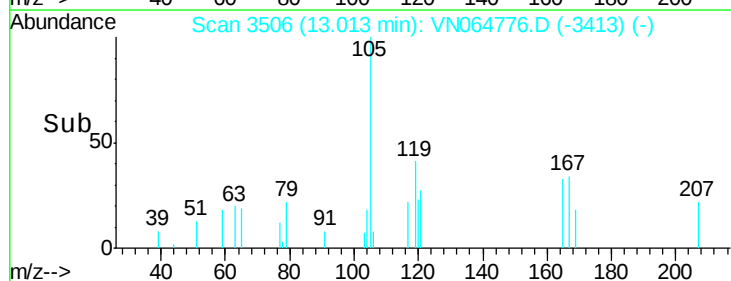
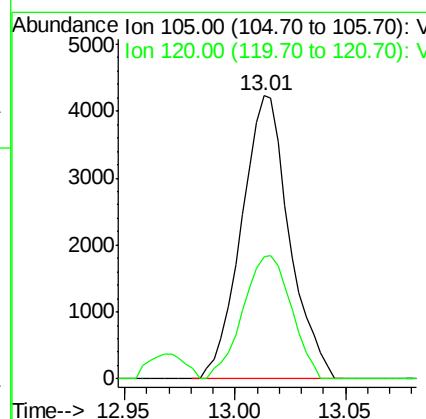
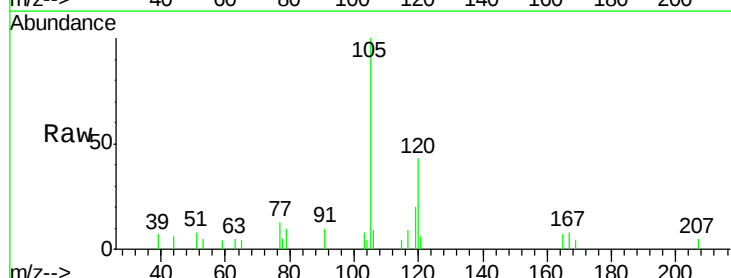
Manual Integrations
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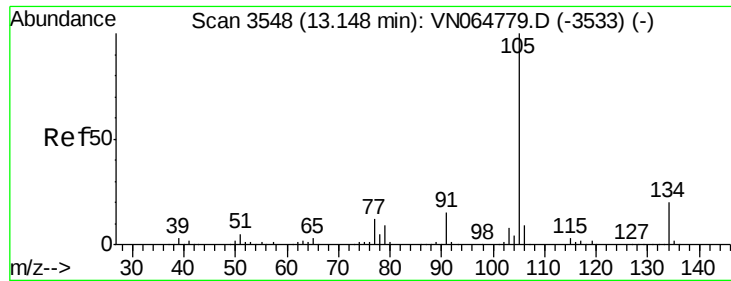
MMDadoda
11/24/2020 3:01:04 PM



#84
1,2,4-Trimethylbenzene
Concen: 0.803 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	23.1	69.2





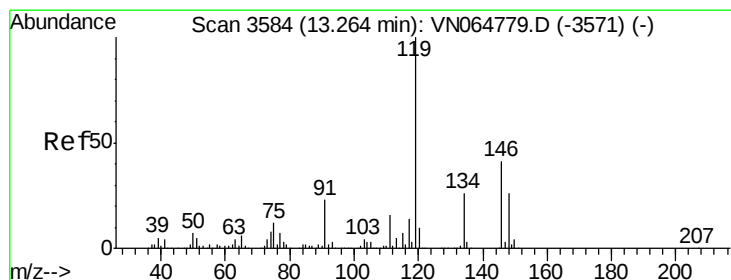
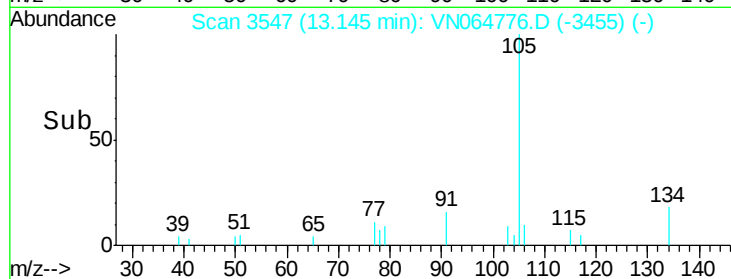
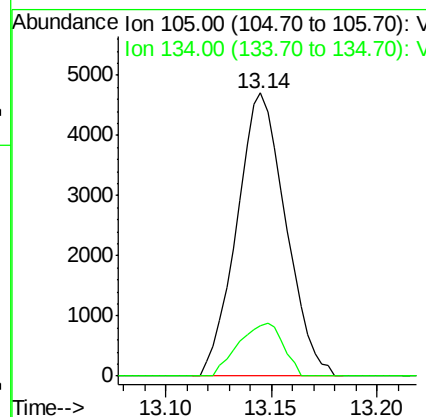
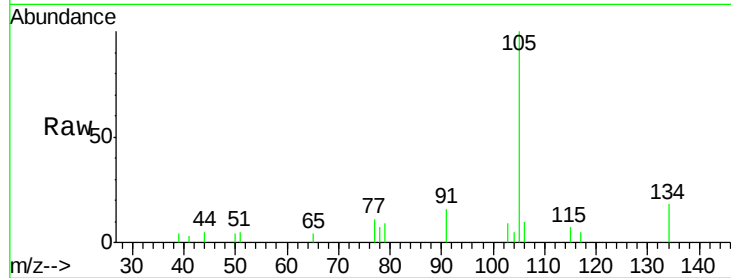
#85
 sec-Butylbenzene
 Concen: 0.928 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 7576
 Ion Ratio Lower Upper
 105 100
 134 17.0 10.1 30.1

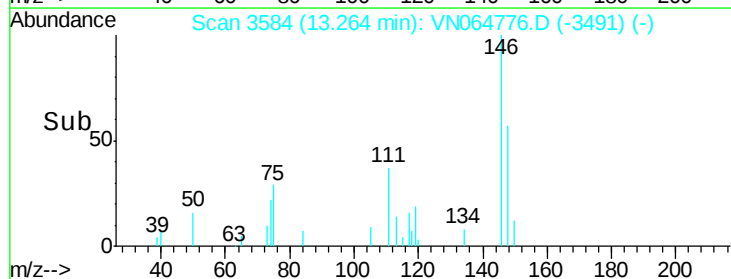
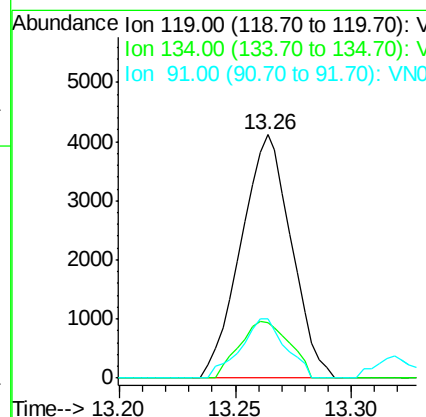
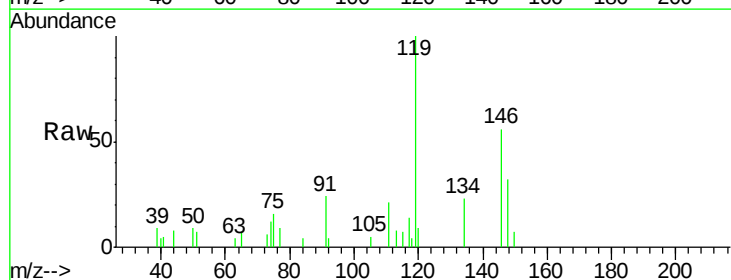
Manual Integrations
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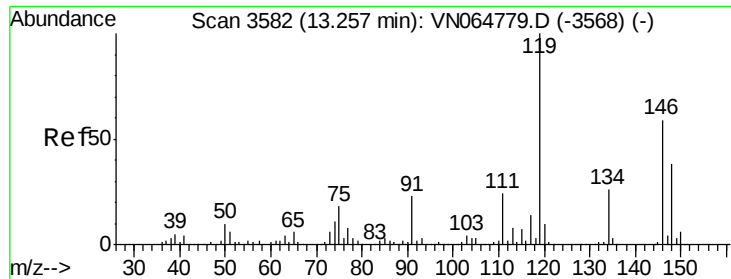
MMDadoda
 11/24/2020 3:01:04 PM



#86
 p-Isopropyltoluene
 Concen: 0.824 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion:119 Resp: 6197
 Ion Ratio Lower Upper
 119 100
 134 23.2 13.1 39.1
 91 21.9 11.5 34.5





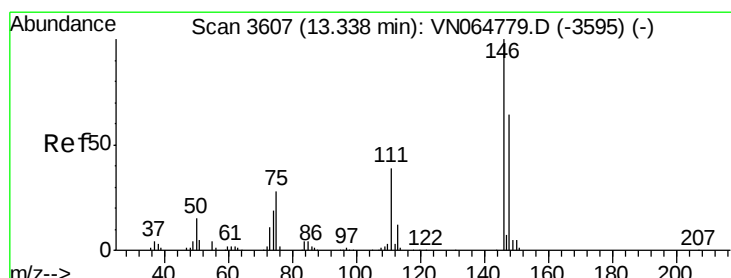
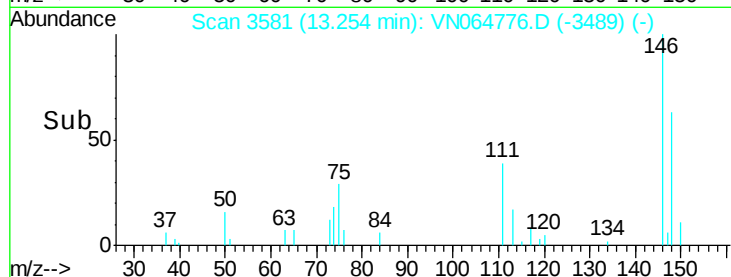
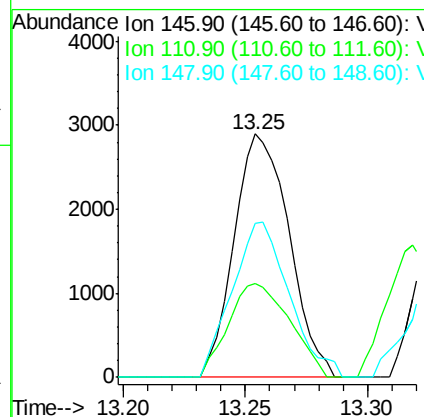
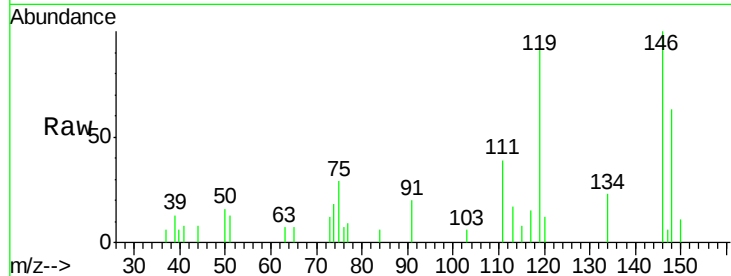
#87
 1,3-Dichlorobenzene
 Concen: 1.043 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.6	61.9
148	66.2	31.9	95.5

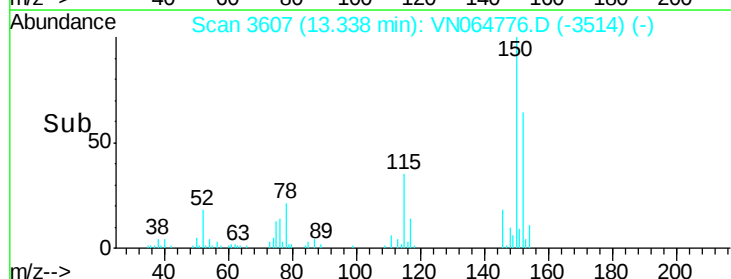
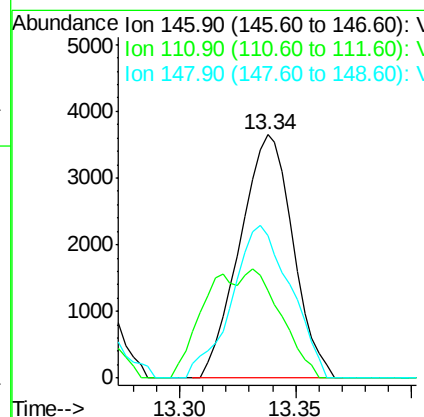
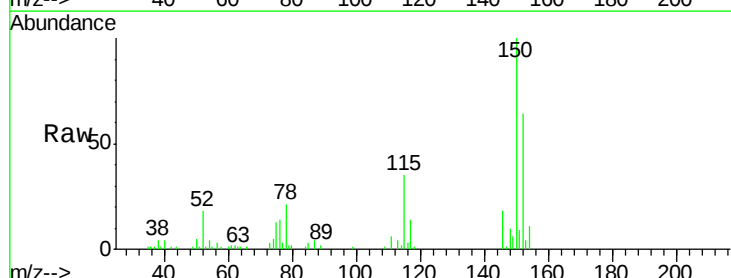
Manual Integrations
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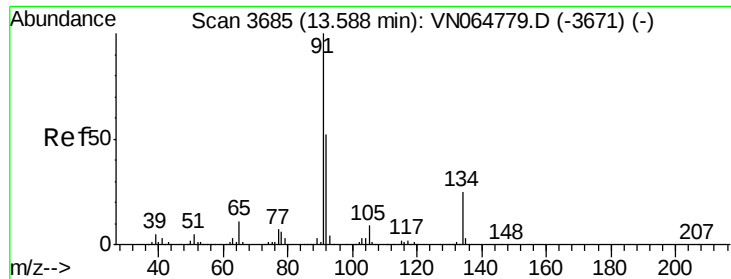
MMDadoda
 11/24/2020 3:01:04 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.299 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	31.3	19.8	59.3
148	69.3	31.9	95.5





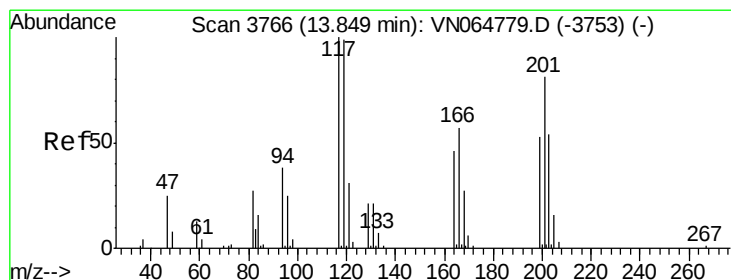
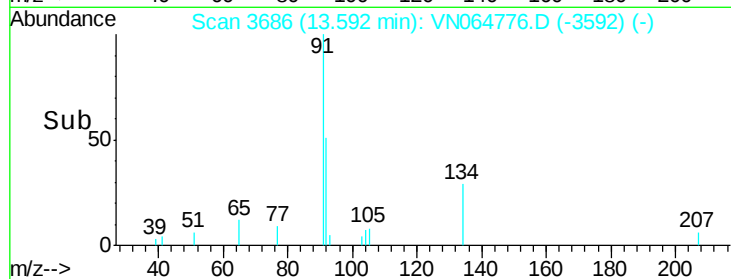
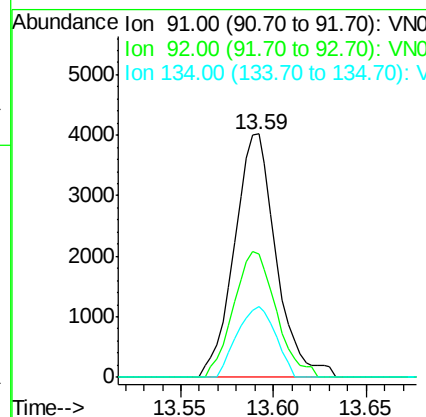
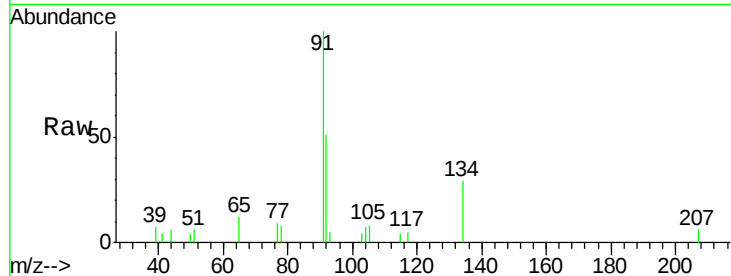
#89
n-Butylbenzene
Concen: 0.906 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	26.5	12.9	38.6

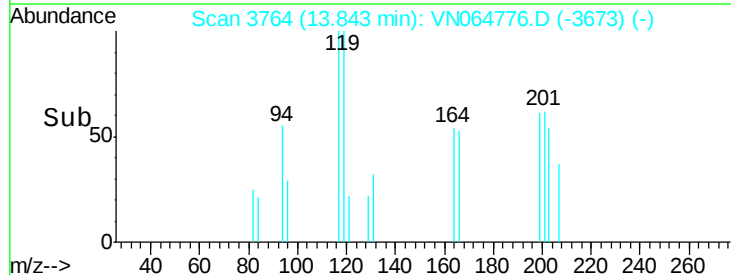
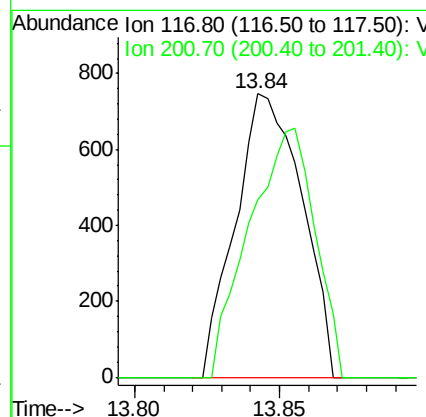
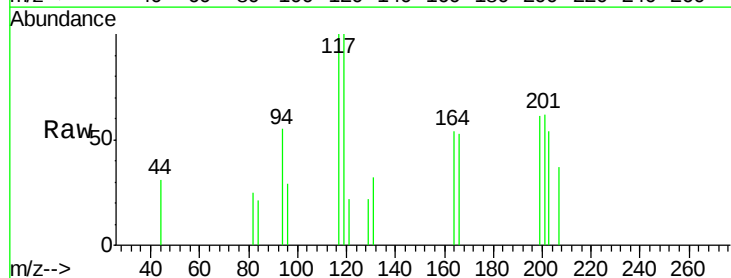
Manual Integrations
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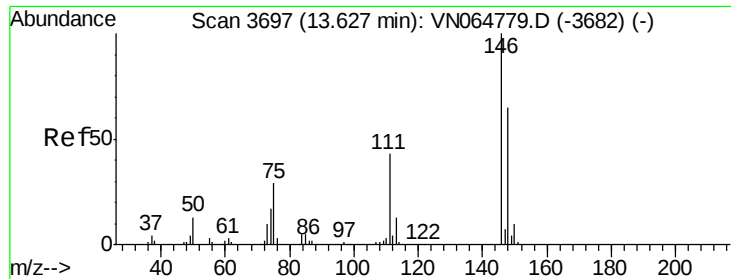
MMDadoda
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#90
Hexachloroethane
Concen: 0.948 ug/l
RT: 13.84 min Scan# 3764
Delta R.T. -0.01 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	40.1	120.3





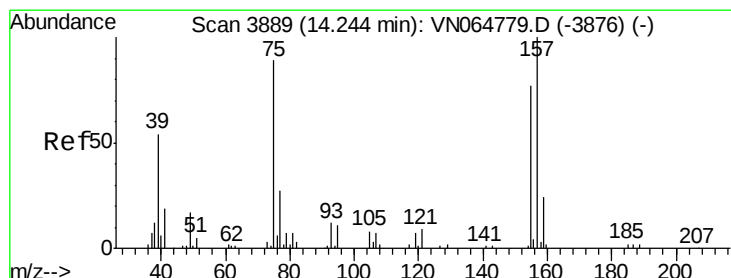
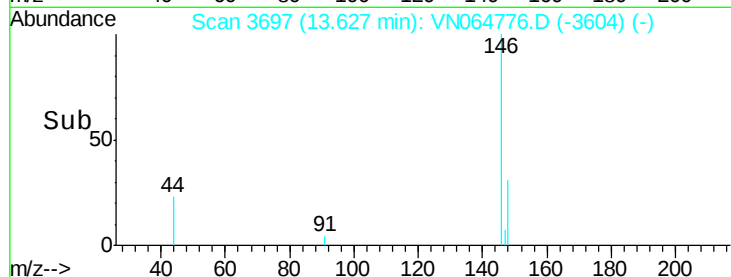
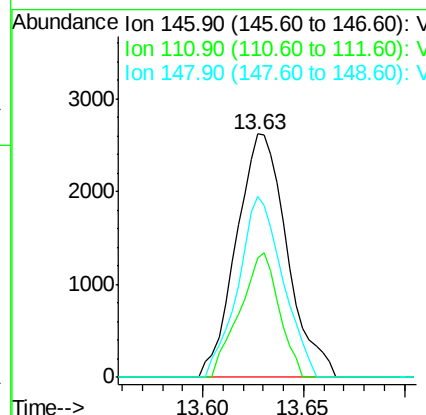
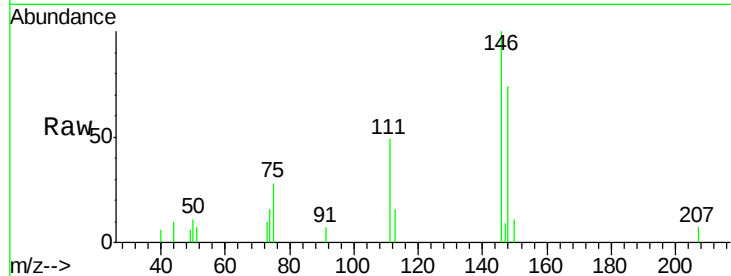
#91
 1,2-Dichlorobenzene
 Concen: 1.082 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.1	63.1
148	65.3	32.0	96.2

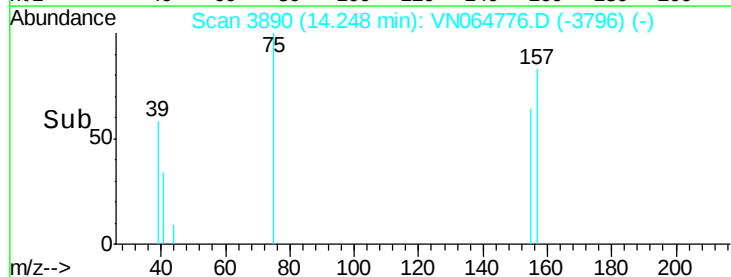
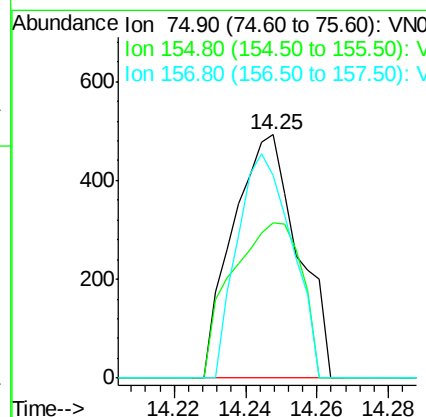
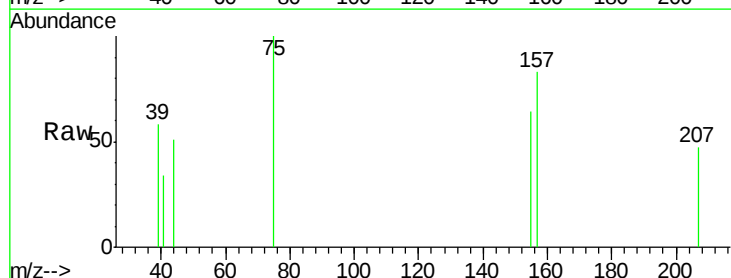
Manual Integrations
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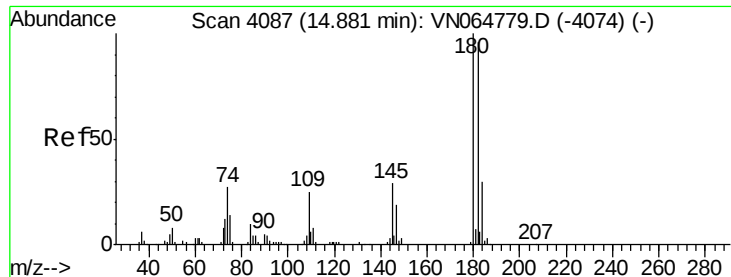
MMDadoda
 11/24/2020 3:01:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.906 ug/l
 RT: 14.25 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.1	42.8	128.3
157	77.5	56.4	169.1





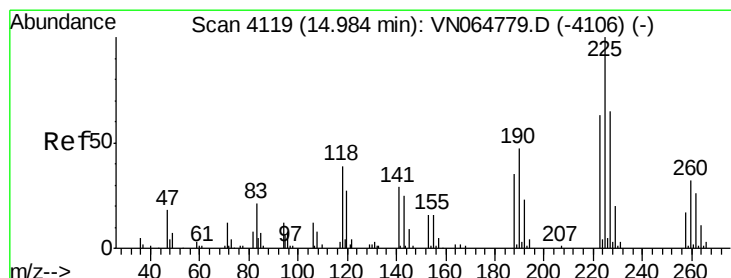
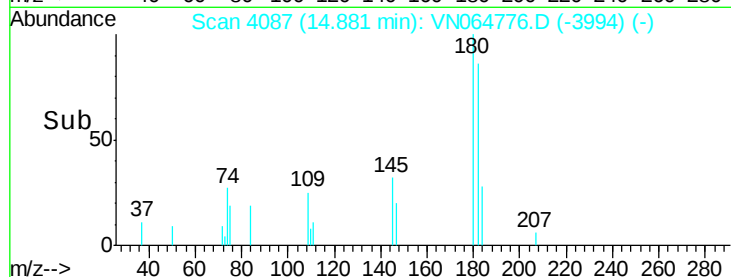
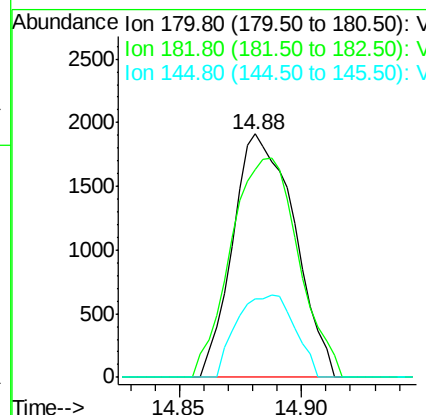
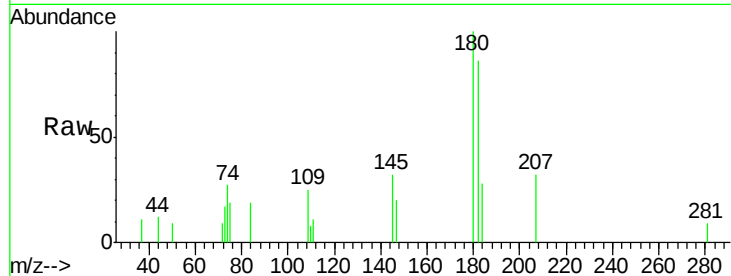
#93
 1,2,4-Trichlorobenzene
 Concen: 1.401 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.6	142.9
145	31.8	15.3	45.8

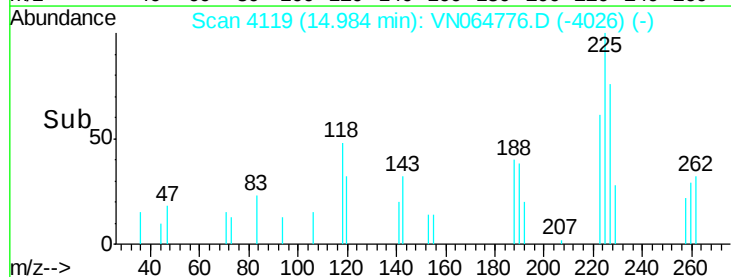
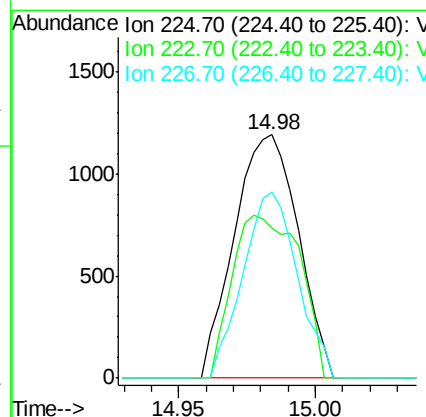
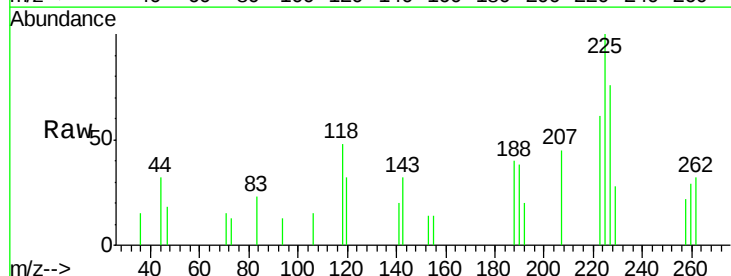
Manual Integrations
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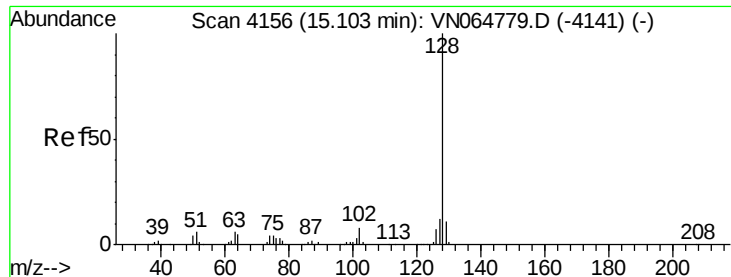
MMDadoda
 11/24/2020 3:01:04 PM



#94
 Hexachlorobutadiene
 Concen: 1.607 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	71.1	31.0	93.0
227	65.0	32.0	96.0





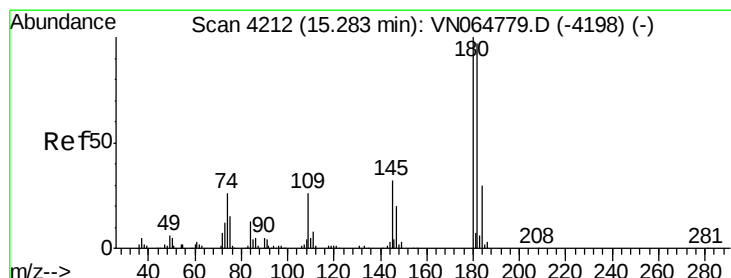
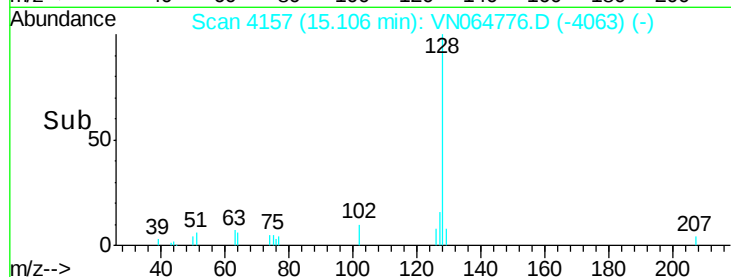
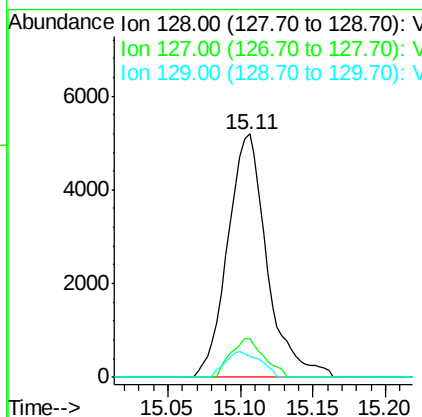
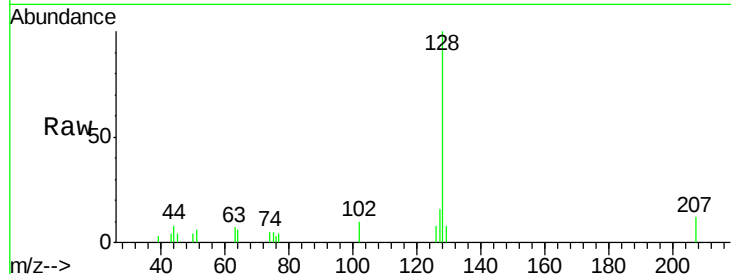
#95
Naphthalene
Concen: 1.292 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	9.3	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 1.534 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	48.1	144.4
145	32.7	16.4	49.1

