

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064848.D
 Acq On : 25 Nov 2020 11:28
 Operator : JC/MD
 Sample : VN1125WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Manual Integrations
 APPROVED

SAM
 11/27/2020 1:37:20 PM

Quant Time: Nov 26 03:58:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	182743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	280765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	100816	47.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.90%
35) Dibromofluoromethane	7.55	113	87549	52.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.22%
50) Toluene-d8	10.06	98	329293	47.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.94%
62) 4-Bromofluorobenzene	12.37	95	114097	46.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.88%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	25422	16.051	ug/l	98
3) Chloromethane	2.04	50	32618	15.848	ug/l	99
4) Vinyl Chloride	2.17	62	34910	16.269	ug/l	97
5) Bromomethane	2.53	94	22922	16.282	ug/l	97
6) Chloroethane	2.68	64	22228	16.749	ug/l	94
7) Trichlorofluoromethane	2.99	101	50646	17.075	ug/l	98
8) Diethyl Ether	3.37	74	20661	17.647	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	31823	17.885	ug/l	98
10) Methyl Iodide	3.91	142	32315	14.002	ug/l	98
11) Tert butyl alcohol	4.74	59	25662	77.453	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	29931	16.890	ug/l	99
13) Acrolein	3.56	56	15310	75.651	ug/l	97
14) Allyl chloride	4.27	41	47858	16.374	ug/l	97
15) Acrylonitrile	4.94	53	77909	85.120	ug/l	99
16) Acetone	3.78	43	60554	86.706	ug/l	99
17) Carbon Disulfide	4.01	76	77498	16.941	ug/l	99
18) Methyl Acetate	4.28	43	35590	16.950	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	98230	17.284	ug/l	97
20) Methylene Chloride	4.50	84	36375	16.621	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	32508	16.519	ug/l	99
22) Diisopropyl ether	5.90	45	104356	17.838	ug/l	96
23) Vinyl Acetate	5.84	43	414306	88.562	ug/l	99
24) 1,1-Dichloroethane	5.80	63	61822	17.683	ug/l	99
25) 2-Butanone	6.79	43	96625	85.349	ug/l	97
26) 2,2-Dichloropropane	6.77	77	50753	16.738	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	38786	17.516	ug/l	97
28) Bromochloromethane	7.15	49	29181	18.245	ug/l	95
29) Tetrahydrofuran	7.17	42	65657	84.015	ug/l	98
30) Chloroform	7.33	83	63748	17.681	ug/l	96
31) Cyclohexane	7.61	56	50534	17.066	ug/l	95
32) 1,1,1-Trichloroethane	7.52	97	54629	17.642	ug/l	99
36) 1,1-Dichloropropene	7.75	75	46378	17.821	ug/l	98
37) Ethyl Acetate	6.88	43	41057	16.378	ug/l #	94
38) Carbon Tetrachloride	7.73	117	48742	18.001	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	49543	17.684	ug/l	99
40) Benzene	8.00	78	140186	17.579	ug/l	98
41) Methacrylonitrile	7.13	41	19964	17.259	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	49479	18.392	ug/l	97
43) Isopropyl Acetate	8.13	43	67709	16.785	ug/l	99
44) Trichloroethene	8.80	130	40427	17.181	ug/l	96
45) 1,2-Dichloropropane	9.08	63	38489	18.637	ug/l	98
46) Dibromomethane	9.17	93	25823	18.717	ug/l	95
47) Bromodichloromethane	9.37	83	49622	17.875	ug/l	98
48) Methyl methacrylate	9.17	41	32957	17.098	ug/l	99
49) 1,4-Dioxane	9.17	88	12116	332.584	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	209088	86.340	ug/l	100
52) Toluene	10.12	92	88133	17.946	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	53940	17.445	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	58581	17.676	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	36571	18.109	ug/l	95
56) Ethyl methacrylate	10.40	69	47735	17.129	ug/l	97
57) 1,3-Dichloropropane	10.68	76	60492	18.158	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	140346	91.552	ug/l	99
59) 2-Hexanone	10.72	43	149513	85.787	ug/l	99
60) Dibromochloromethane	10.87	129	40306	17.955	ug/l	98
61) 1,2-Dibromoethane	10.97	107	36032	17.561	ug/l	96
64) Tetrachloroethene	10.60	164	41032	16.411	ug/l	95
65) Chlorobenzene	11.40	112	97139	17.601	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	36230	17.863	ug/l	98
67) Ethyl Benzene	11.48	91	159776	17.330	ug/l	97
68) m/p-Xylenes	11.59	106	125402	35.925	ug/l	99
69) o-Xylene	11.92	106	59608	17.995	ug/l	99
70) Styrene	11.94	104	99726	17.834	ug/l	99
71) Bromoform	12.10	173	26806	16.547	ug/l #	99
73) Isopropylbenzene	12.22	105	159652	18.684	ug/l	99
74) N-amyl acetate	12.04	43	56144	16.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	44811	17.892	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	45846m	17.329	ug/l	
77) Bromobenzene	12.50	156	41484	18.008	ug/l	100
78) n-propylbenzene	12.56	91	177675	18.252	ug/l	99
79) 2-Chlorotoluene	12.65	91	107763	17.909	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	134236	18.900	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	14971	15.509	ug/l	93
82) 4-Chlorotoluene	12.75	91	114108	18.092	ug/l	99
83) tert-Butylbenzene	12.97	119	109178	18.339	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	136832	19.054	ug/l	99
85) sec-Butylbenzene	13.14	105	146325	18.512	ug/l	98
86) p-Isopropyltoluene	13.26	119	135968	18.894	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	72635	17.747	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	72692	16.794	ug/l	98
89) n-Butylbenzene	13.59	91	110806	17.533	ug/l	99
90) Hexachloroethane	13.85	117	23018	18.412	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	71044	17.678	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	8925	15.837	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	39095	15.726	ug/l	98
94) Hexachlorobutadiene	14.98	225	20056	18.154	ug/l	99
95) Naphthalene	15.10	128	113982	15.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	39540	17.662	ug/l	98

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

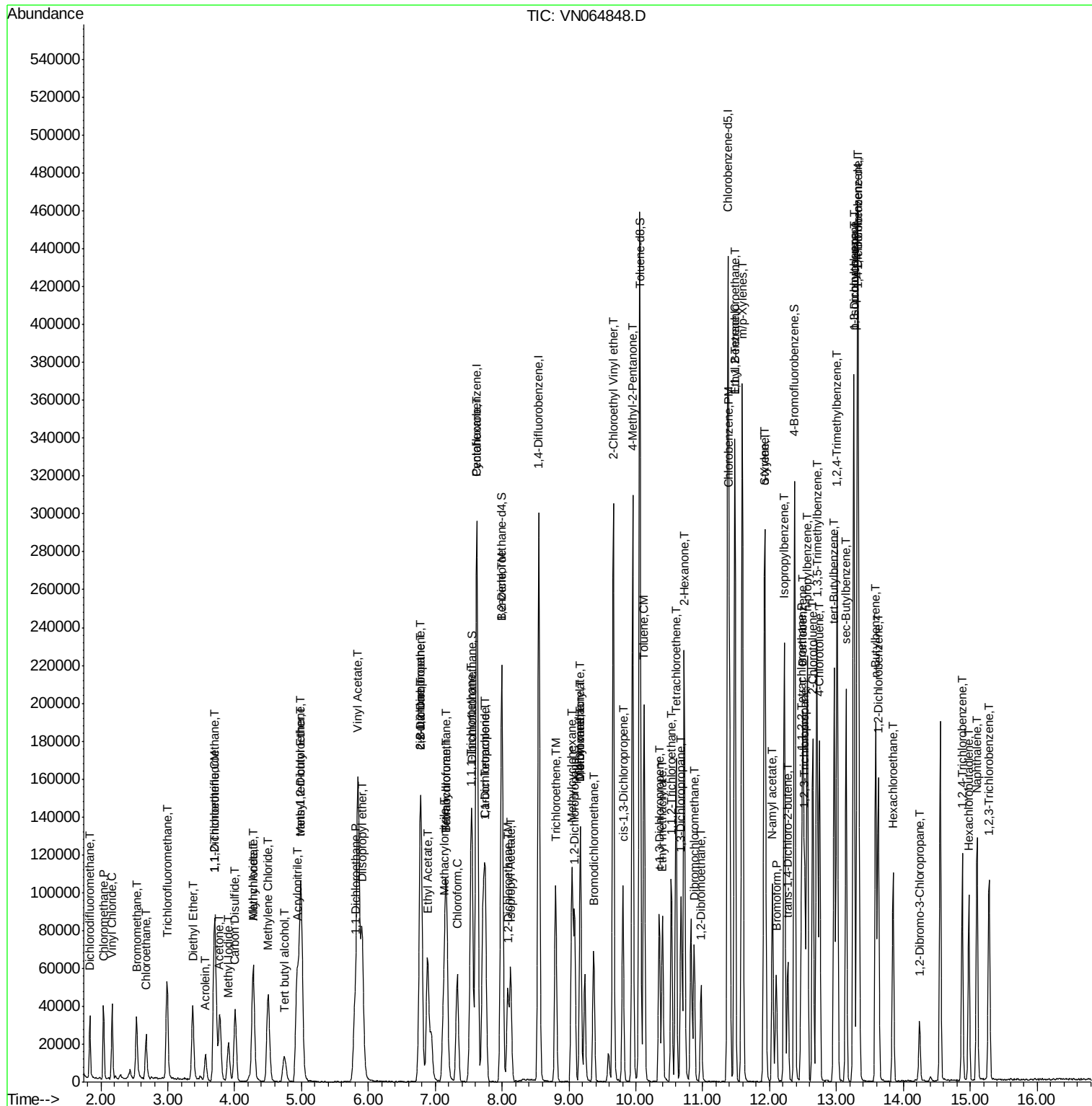
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112520\
Data File : VN064848.D
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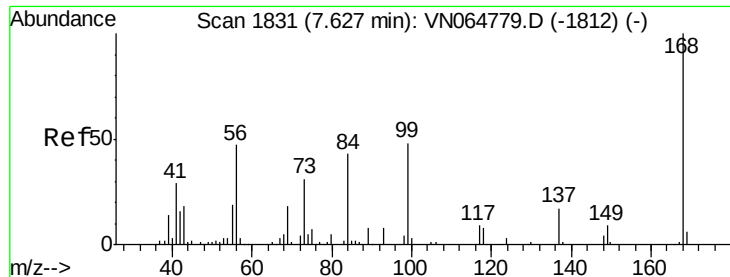
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion:168 Resp: 182743

Ion Ratio Lower Upper

168 100

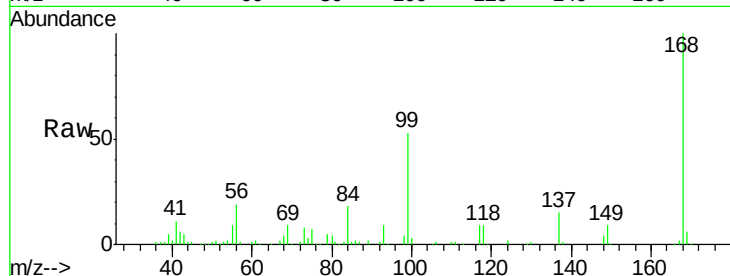
99 53.0 43.0 64.4

Manual Integrations

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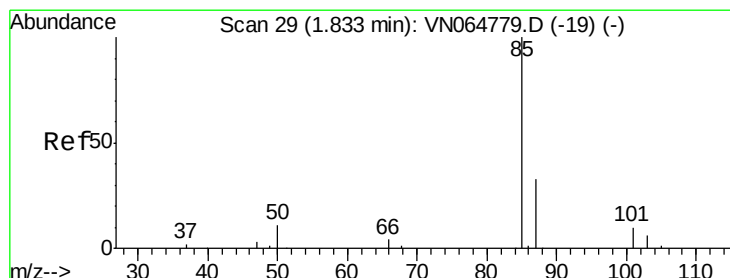
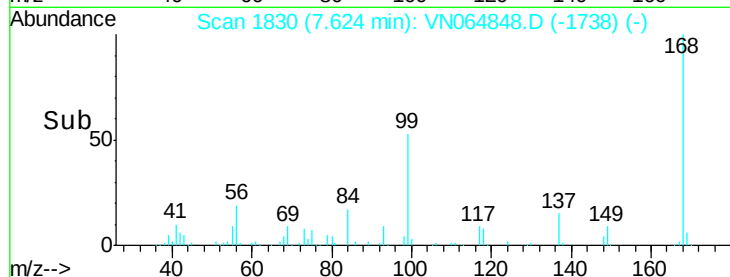
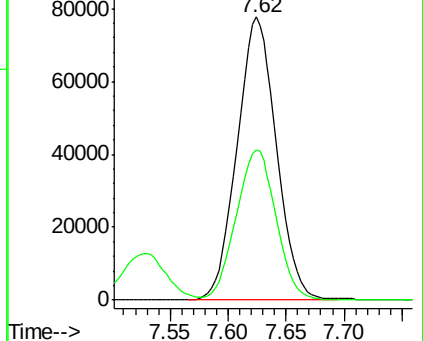
SAM

11/27/2020 1:37:20 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.051 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064848.D

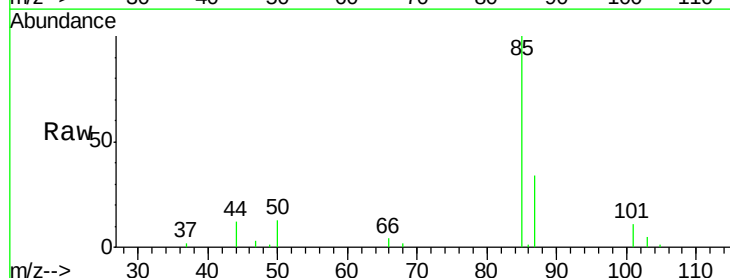
Acq: 25 Nov 2020 11:28

Tgt Ion: 85 Resp: 25422

Ion Ratio Lower Upper

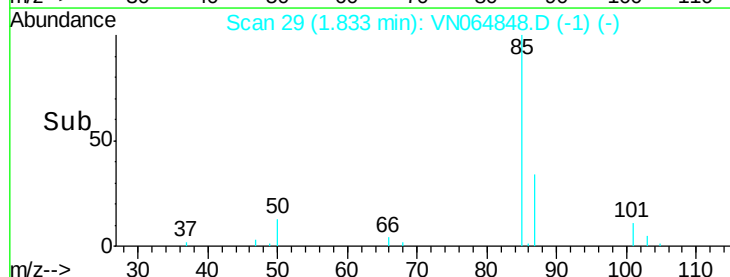
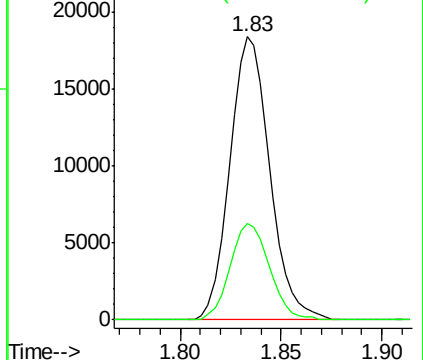
85 100

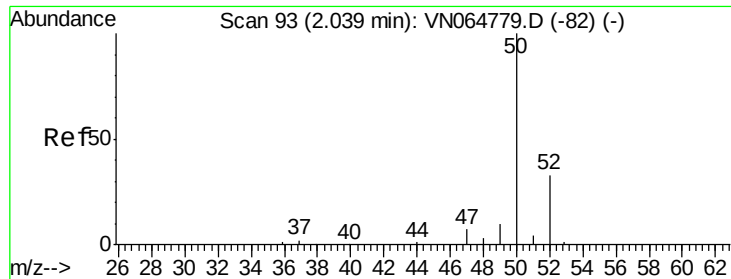
87 34.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 15.848 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 50 Resp: 32618

Ion Ratio Lower Upper

50 100

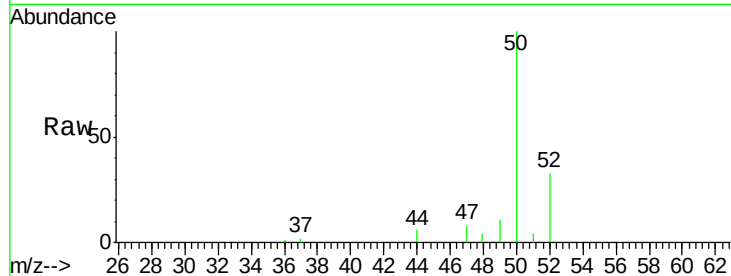
52 32.8 26.6 39.8

Manual Integrations

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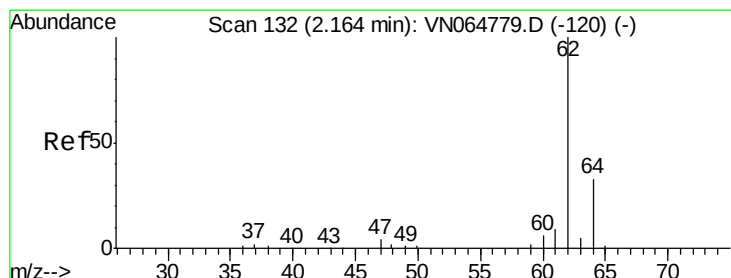
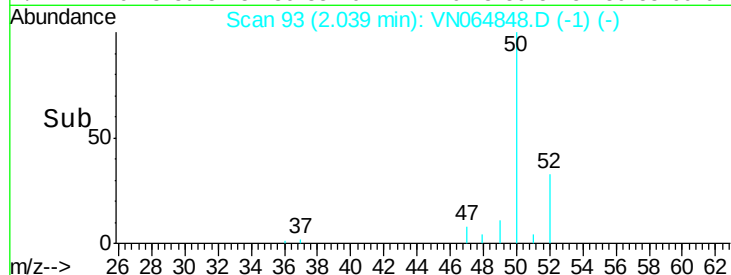
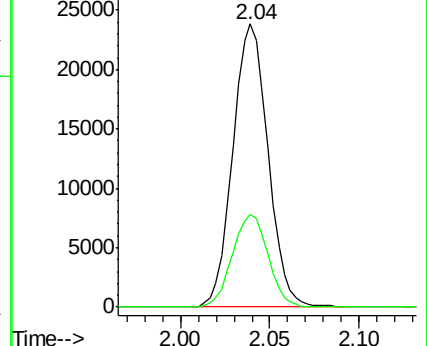
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.269 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064848.D

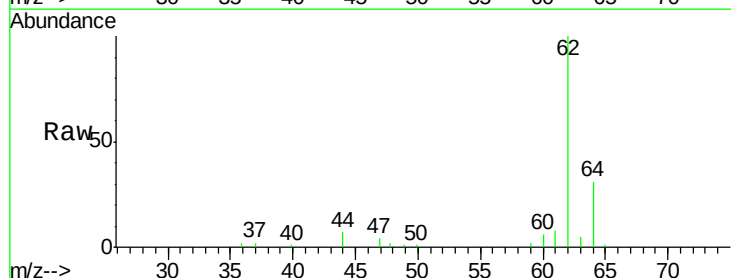
Acq: 25 Nov 2020 11:28

Tgt Ion: 62 Resp: 34910

Ion Ratio Lower Upper

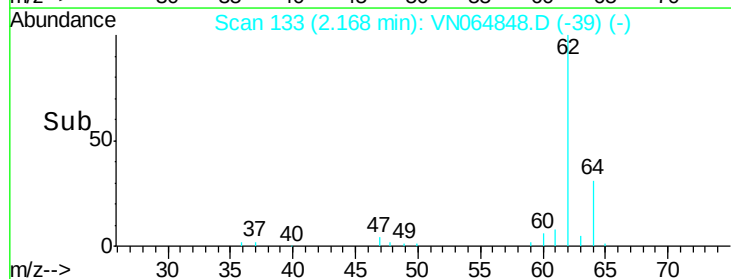
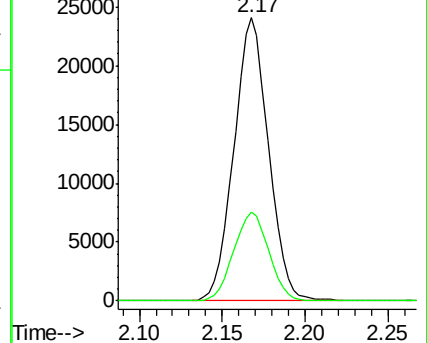
62 100

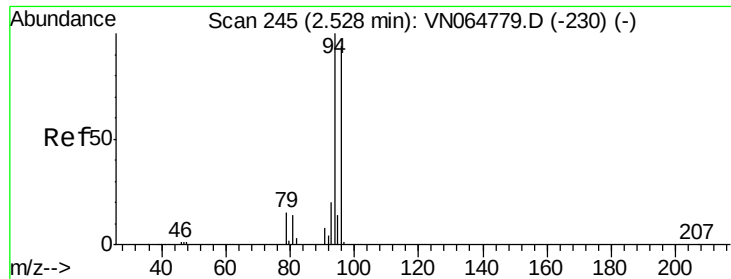
64 31.5 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 16.282 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

VN1125WBSD01

Tot Ion: 94 Resp: 22922

Ion Ratio Lower Upper

94 100

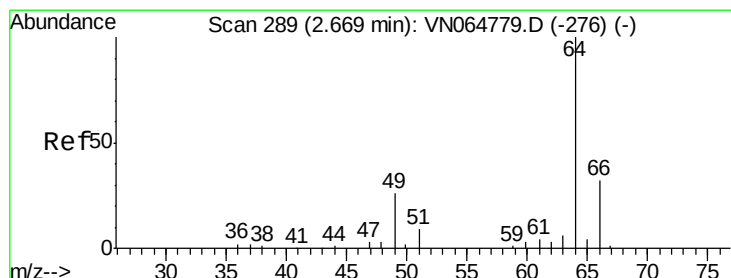
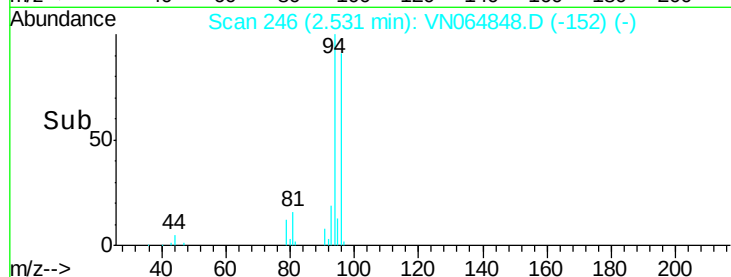
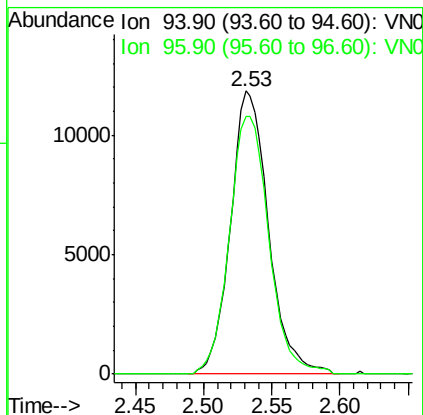
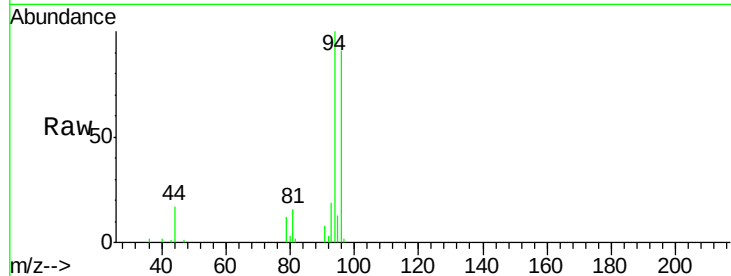
96 90.9 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 16.749 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064848.D

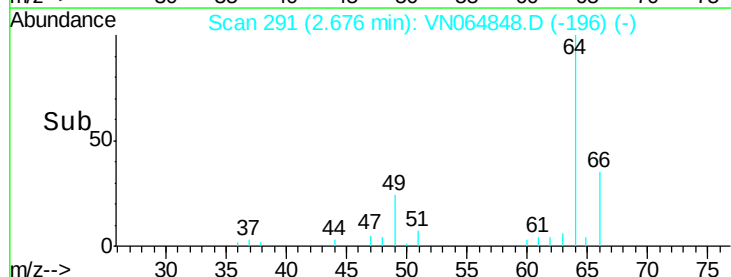
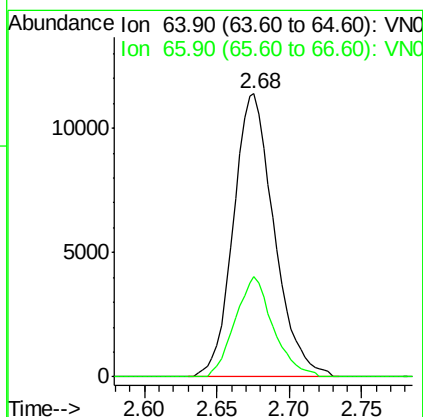
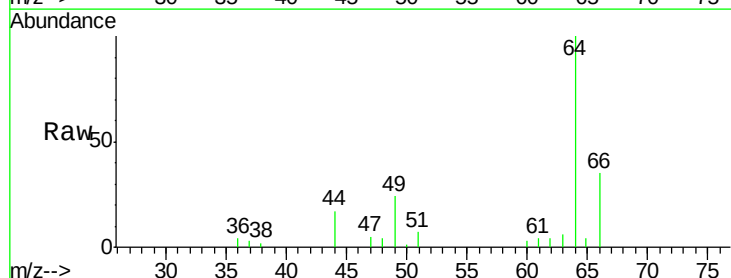
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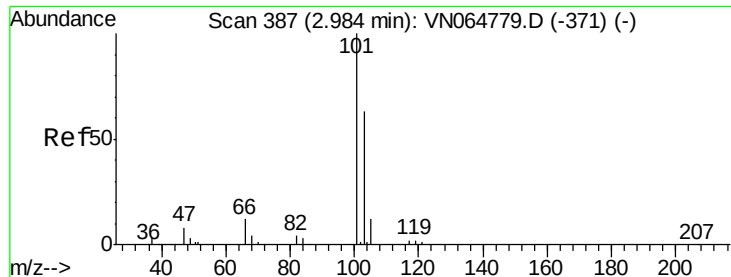
Tgt Ion: 64 Resp: 22228

Ion Ratio Lower Upper

64 100

66 35.3 25.6 38.4





#7

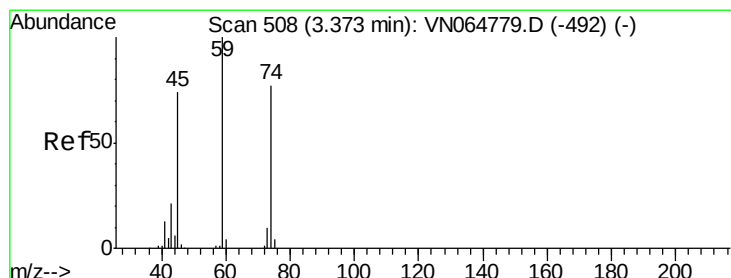
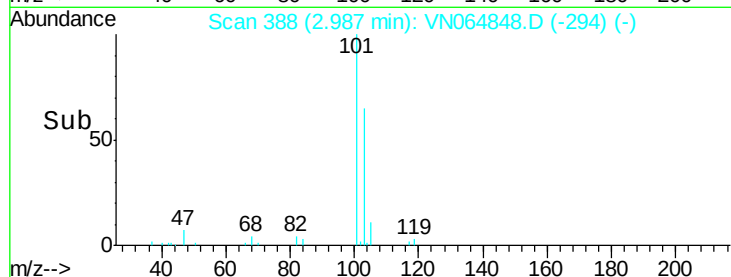
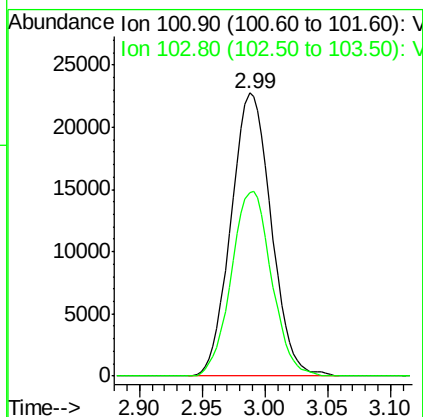
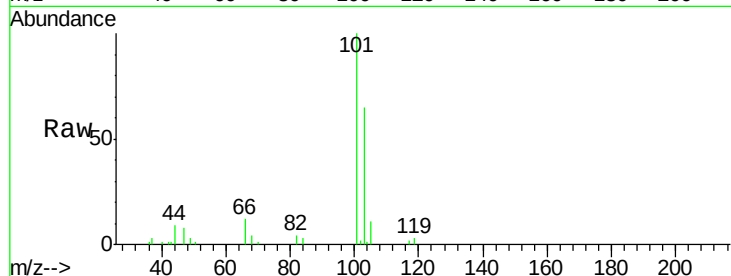
Trichlorofluoromethane
Concen: 17.075 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
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ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.5	75.7

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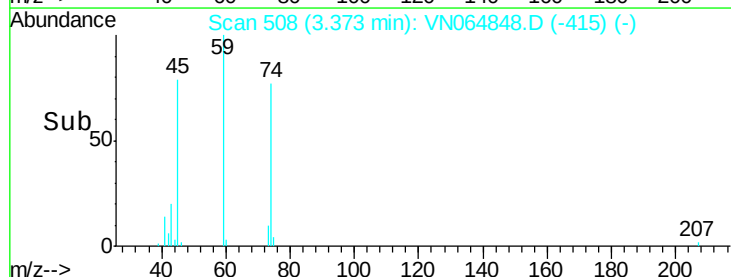
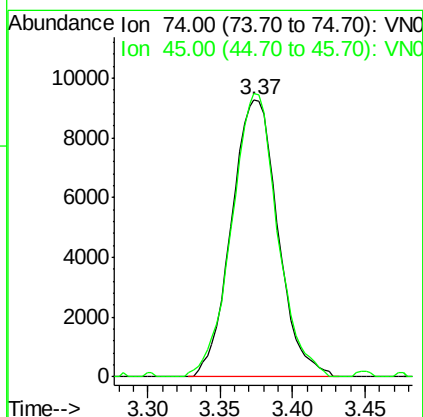
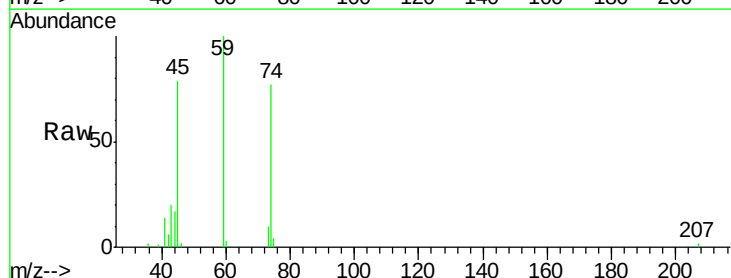
SAM
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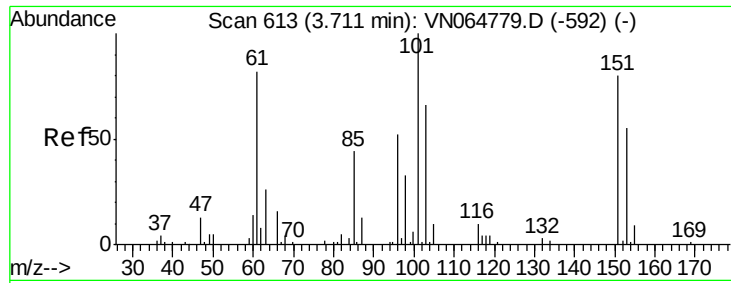


#8

Diethyl Ether
Concen: 17.647 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.5	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.885 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

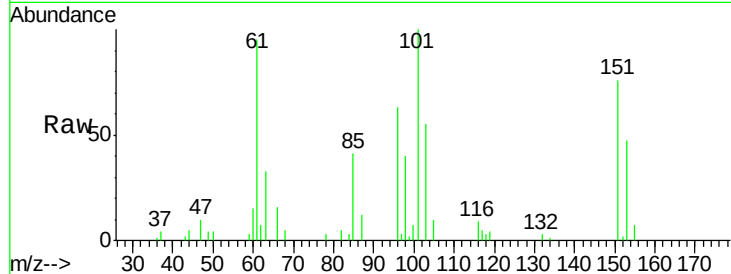
VN1125WBSD01

Tot Ion:	101	Resp:	31823
Ion Ratio	Lower	Upper	
101	100		
85	41.8	34.4	51.6
151	78.5	64.0	96.0

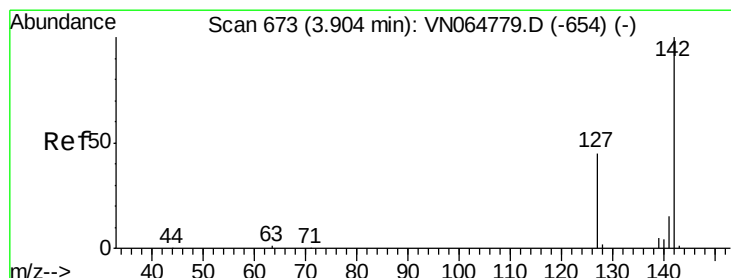
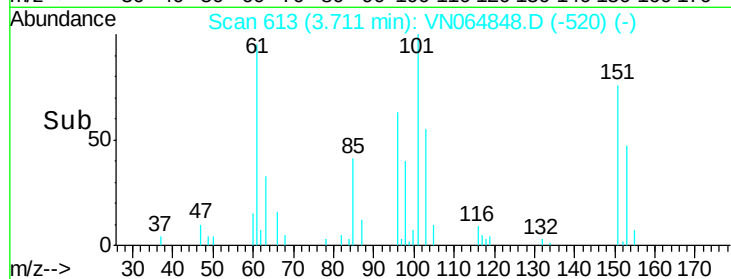
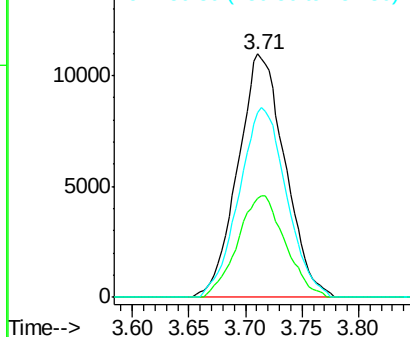
Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.002 ug/l

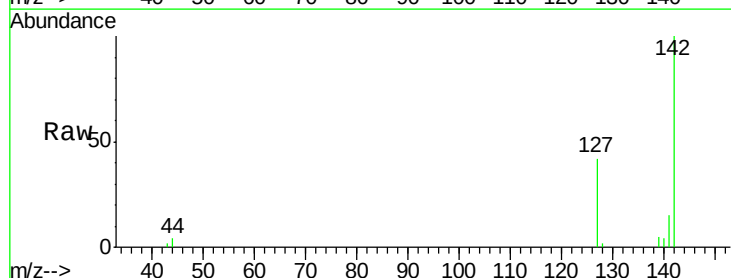
RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

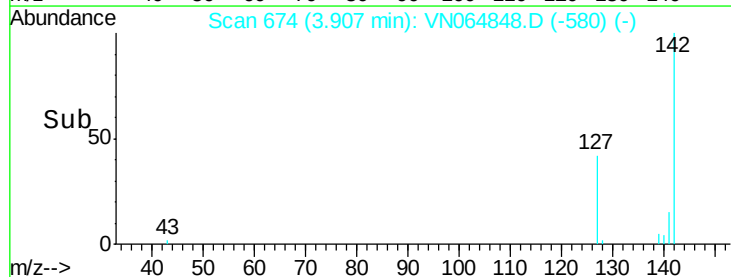
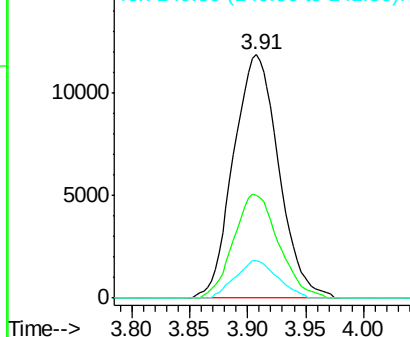
Lab File: VN064848.D

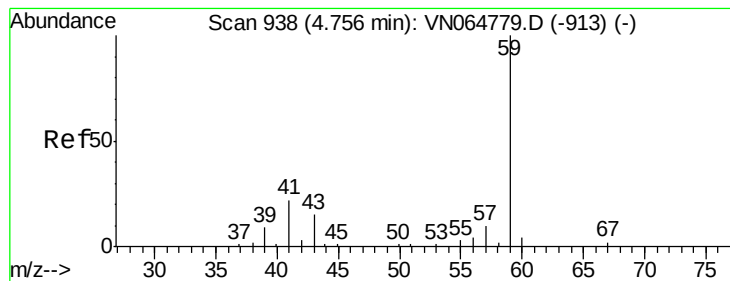
Acq: 25 Nov 2020 11:28

Tgt Ion:	142	Resp:	32315
Ion Ratio	Lower	Upper	
142	100		
127	42.3	35.0	52.6
141	14.4	11.8	17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

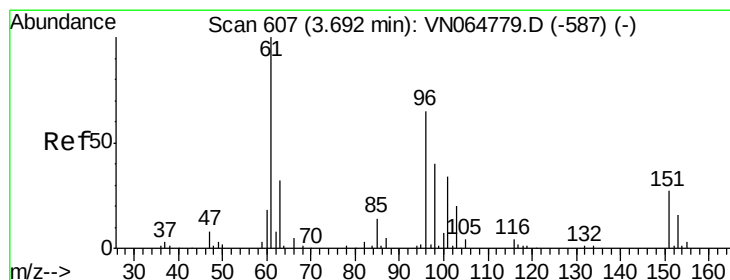
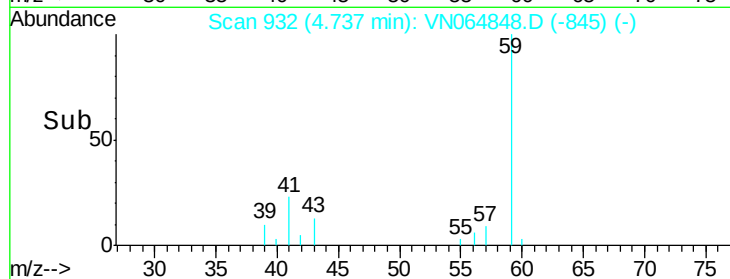
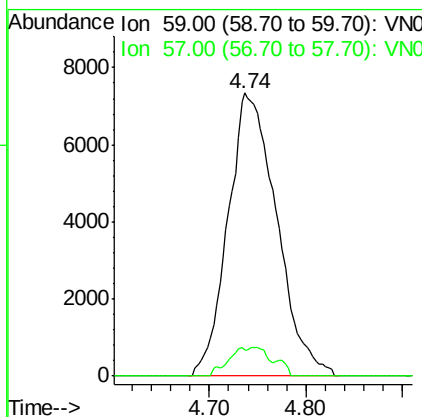
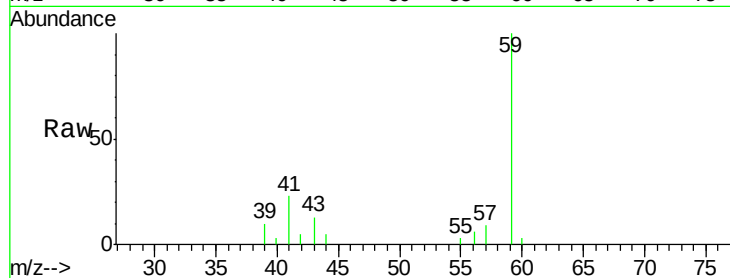
Tert butyl alcohol
 Concen: 77.453 ug/l
 RT: 4.74 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion: 59 Resp: 25662
 Ion Ratio Lower Upper
 59 100
 57 4.2 7.9 11.9#

Manual Integrations
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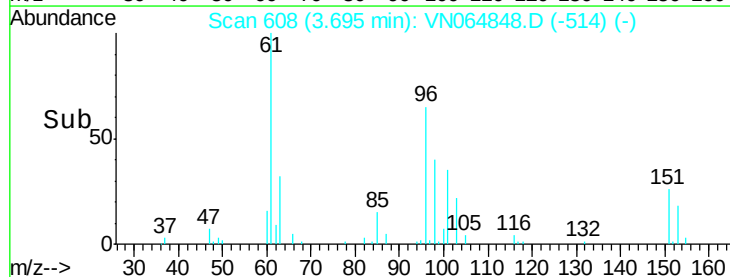
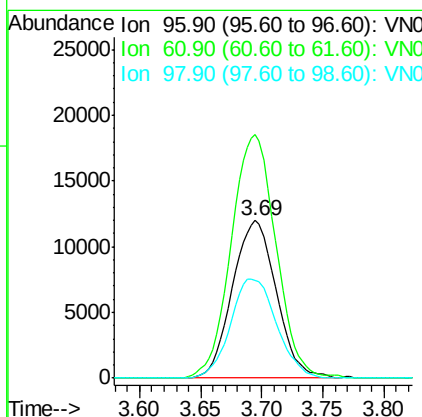
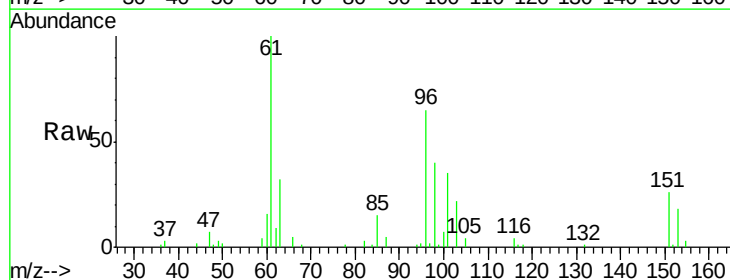
SAM
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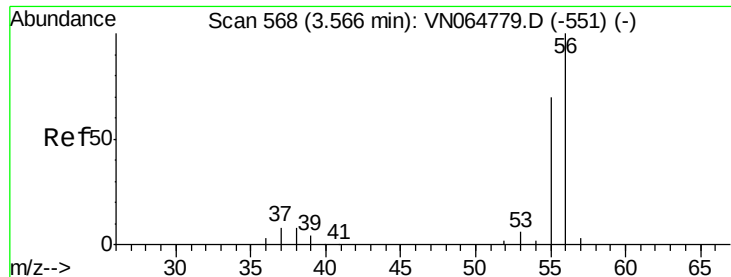


#12

1,1-Dichloroethene
 Concen: 16.890 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion: 96 Resp: 29931
 Ion Ratio Lower Upper
 96 100
 61 153.2 123.4 185.2
 98 62.4 49.8 74.8





#13

Acrolein

Concen: 75.651 ug/l

RT: 3.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 56 Resp: 15310

Ion Ratio Lower Upper

56 100

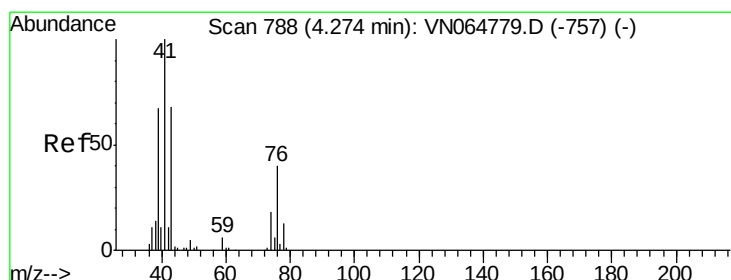
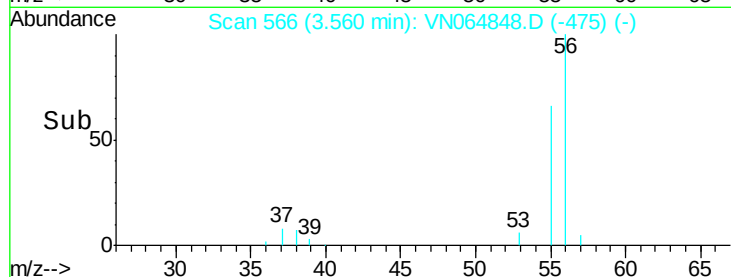
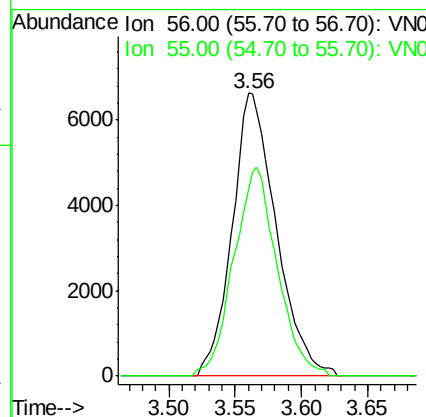
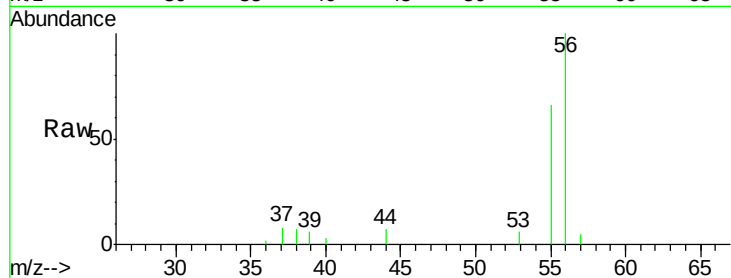
55 72.7 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 16.374 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

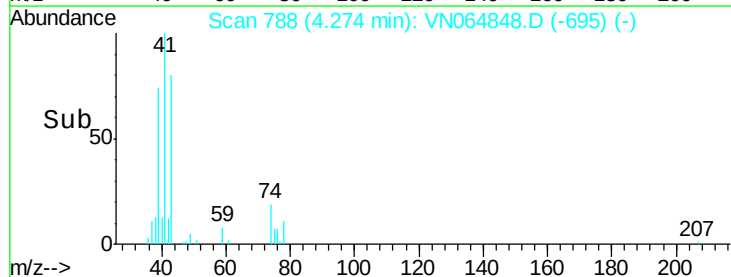
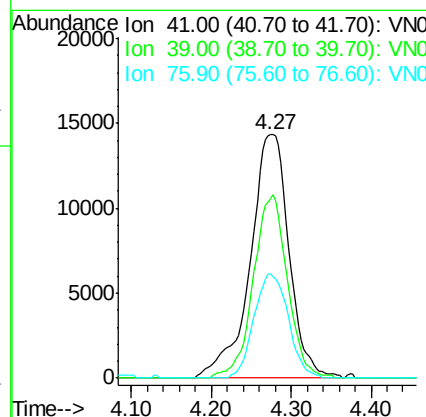
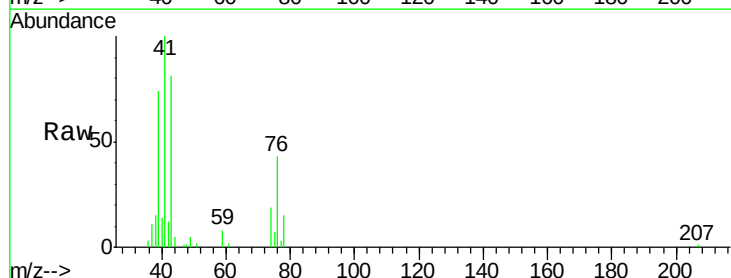
Tgt Ion: 41 Resp: 47858

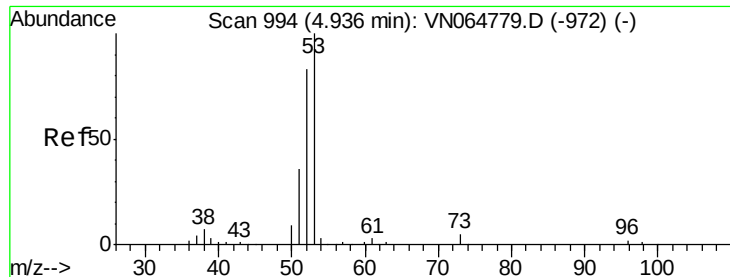
Ion Ratio Lower Upper

41 100

39 65.8 50.9 76.3

76 37.6 29.0 43.4





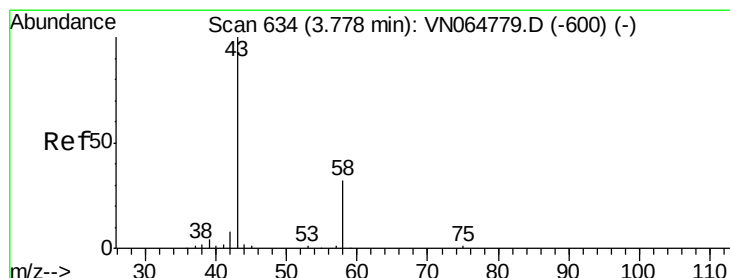
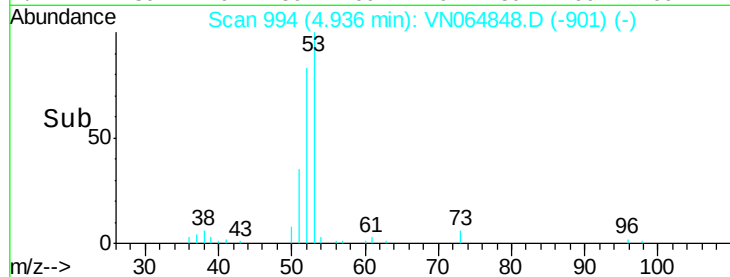
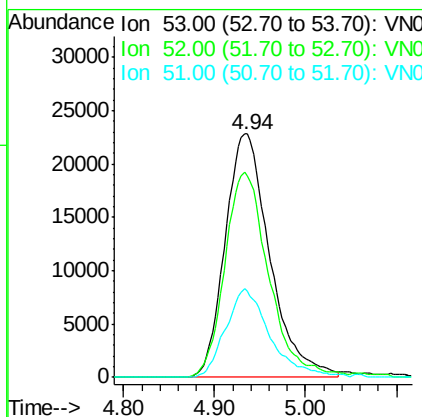
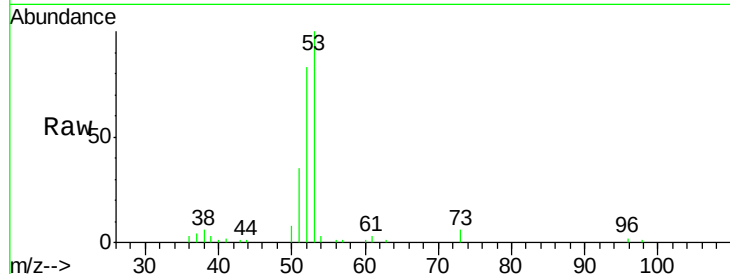
#15
 Acrylonitrile
 Concen: 85.120 ug/l
 RT: 4.94 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion:	53	Resp:	77909
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	35.8	28.6	43.0

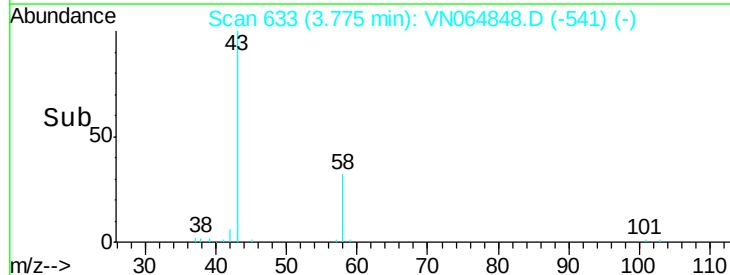
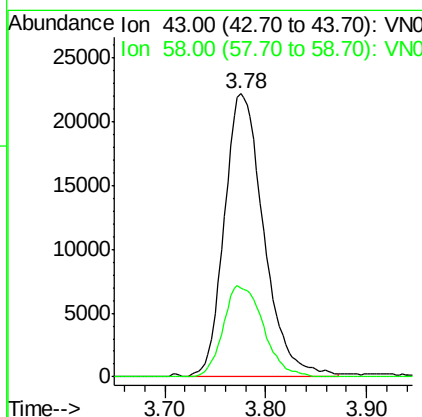
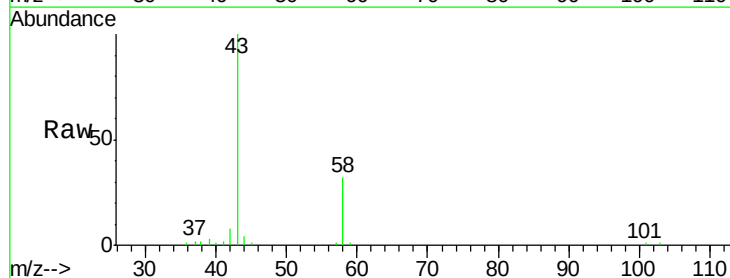
Manual Integrations
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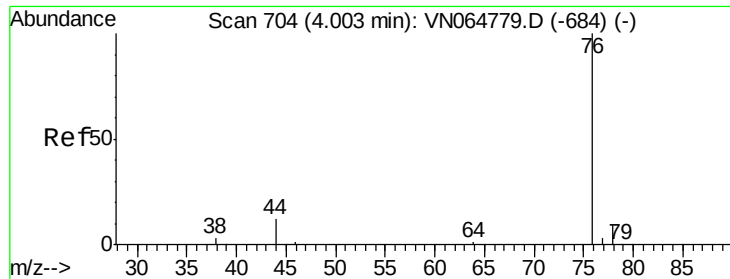
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#16
 Acetone
 Concen: 86.706 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion:	43	Resp:	60554
Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.7	38.5





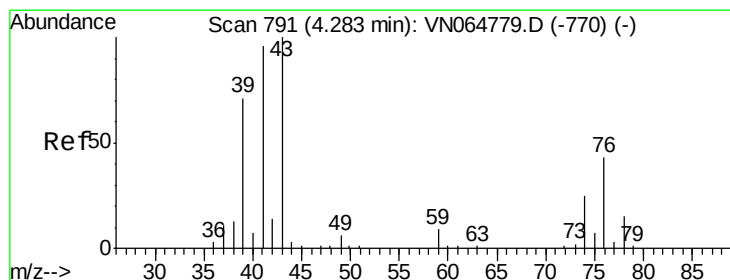
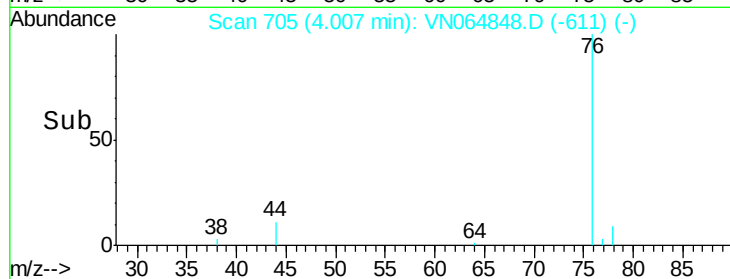
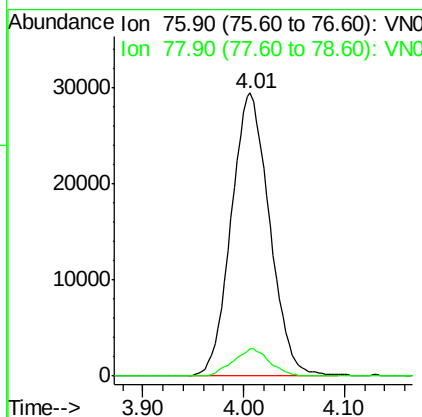
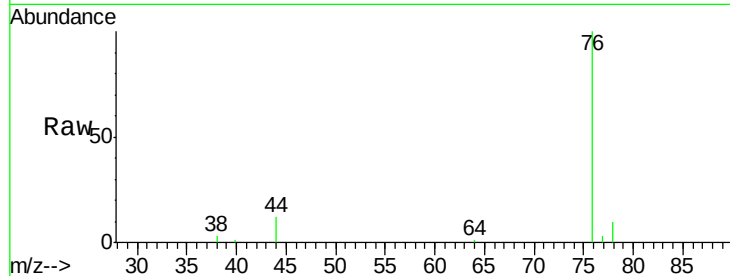
#17
Carbon Disulfide
Concen: 16.941 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion: 76 Resp: 77498
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

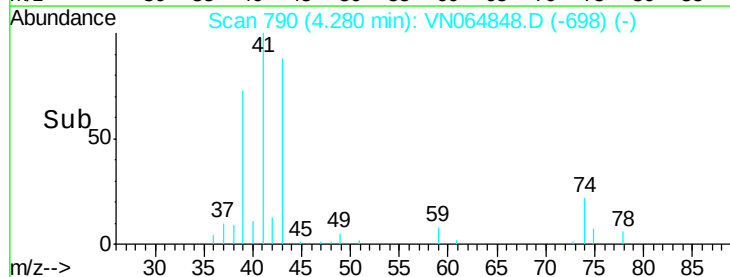
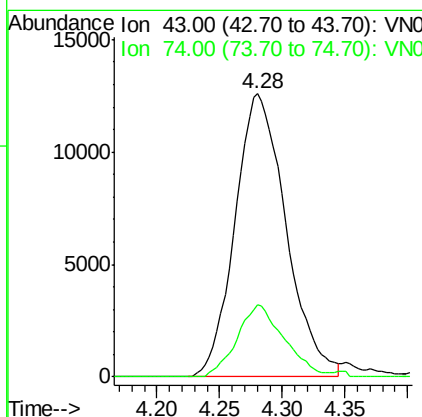
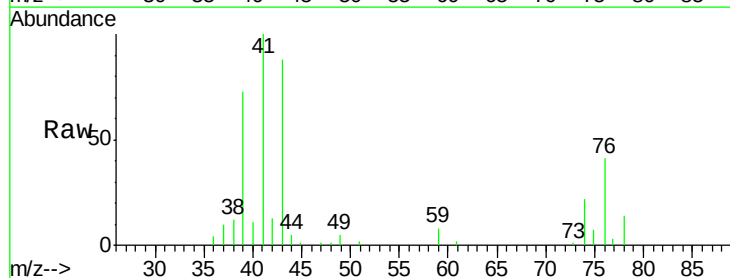
Manual Integrations
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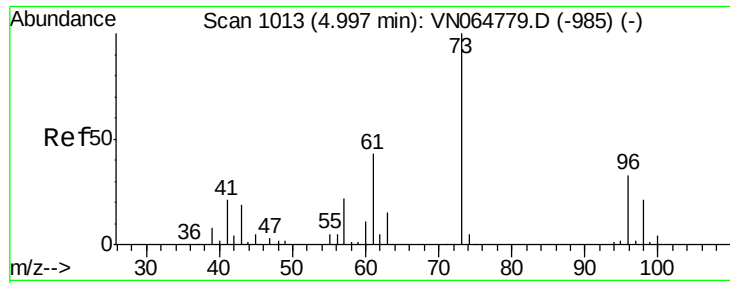
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#18
Methyl Acetate
Concen: 16.950 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 43 Resp: 35590
Ion Ratio Lower Upper
43 100
74 23.5 20.2 30.2





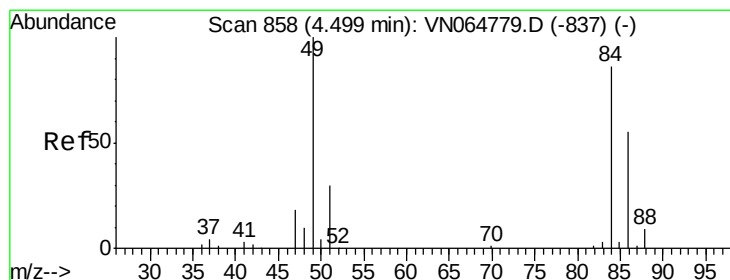
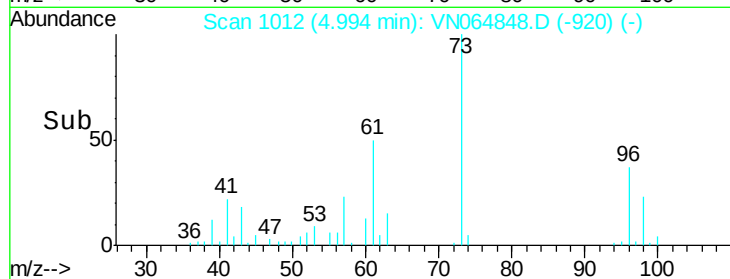
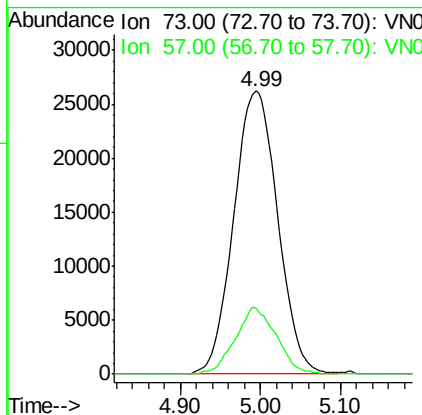
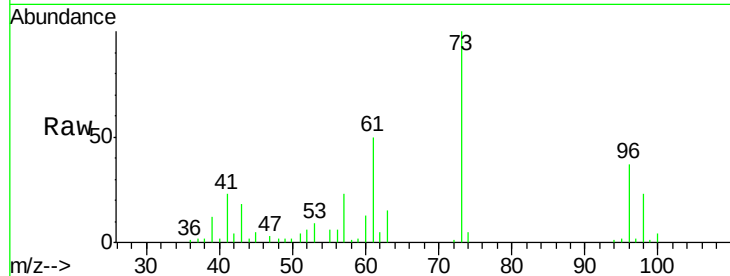
#19
Methyl tert-butyl Ether
Concen: 17.284 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion: 73 Resp: 98230
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0

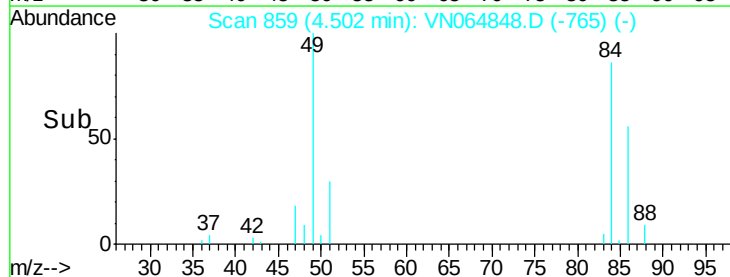
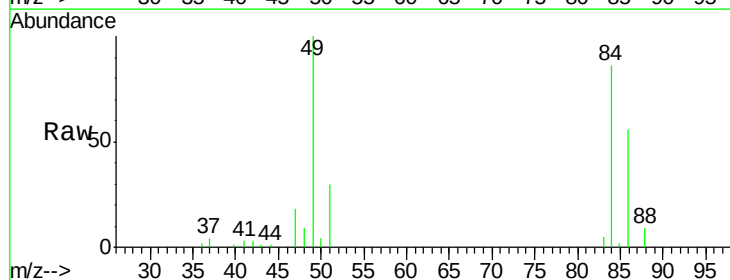
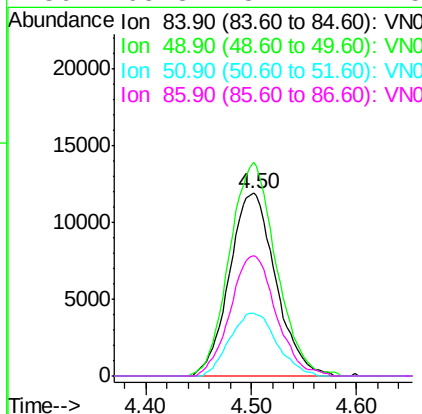
Manual Integrations
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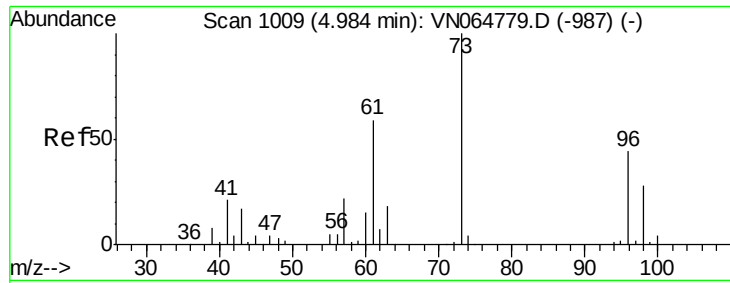
SAM
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#20
Methylene Chloride
Concen: 16.621 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 84 Resp: 36375
Ion Ratio Lower Upper
84 100
49 116.8 93.4 140.0
51 34.5 28.2 42.4
86 65.8 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 16.519 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

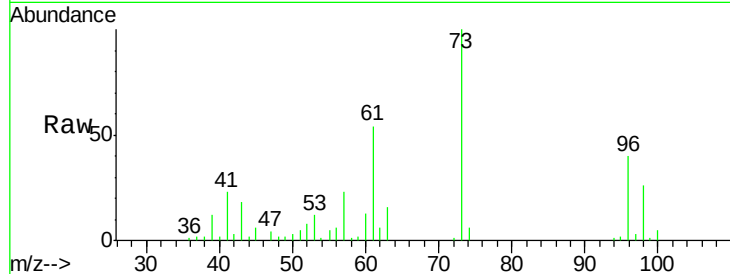
ClientSampleId :

VN1125WBSD01

Tot Ion:	96	Resp:	32508
Ion	Ratio	Lower	Upper
96	100		
61	134.4	108.4	162.6
98	63.4	51.3	76.9

Manual Integrations
APPROVED

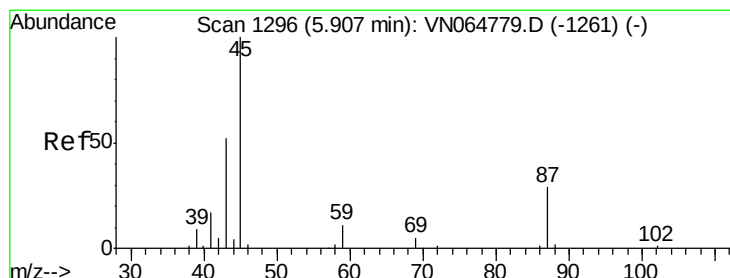
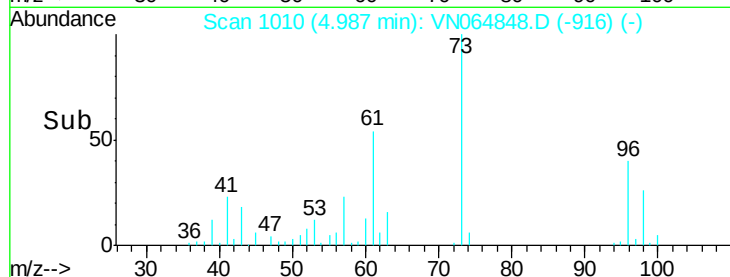
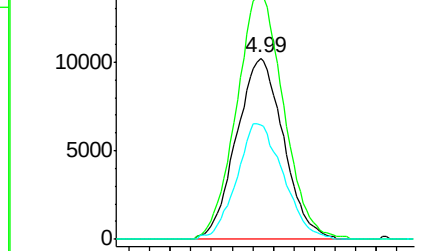
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Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-987) (-)



#22

Diisopropyl ether

Concen: 17.838 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

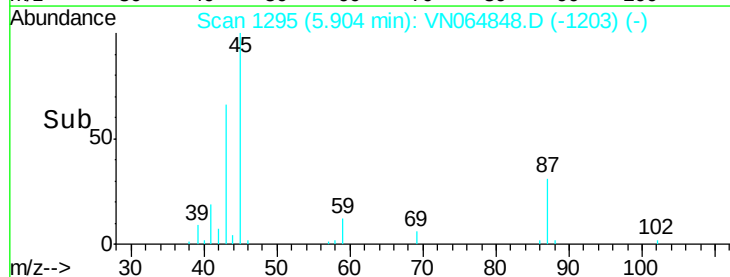
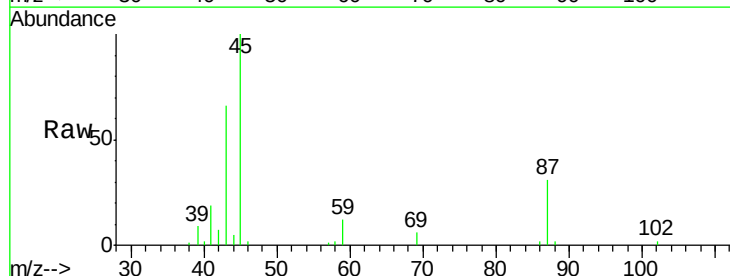
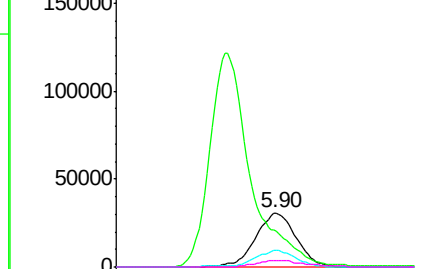
Tgt Ion:	45	Resp:	104356
Ion	Ratio	Lower	Upper
45	100		
43	61.9	46.2	69.2
87	31.3	24.1	36.1
59	12.4	9.0	13.4

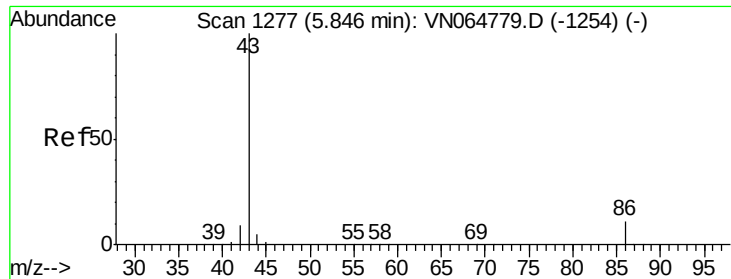
Abundance Ion 45.00 (44.70 to 45.70): VN064779.D (-1261) (-)

Ion 43.00 (42.70 to 43.70): VN064779.D (-1261) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1261) (-)

Ion 59.00 (58.70 to 59.70): VN064779.D (-1261) (-)





#23

Vinyl Acetate

Concen: 88.562 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 43 Resp: 414306

Ion Ratio Lower Upper

43 100

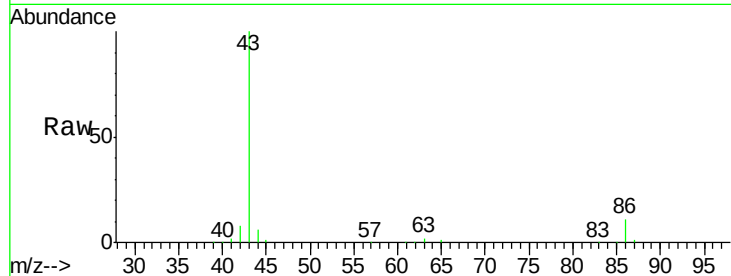
86 10.8 8.9 13.3

Manual Integrations

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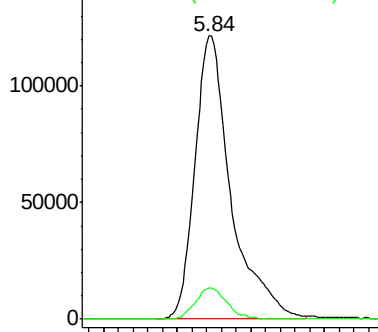
SAM

11/27/2020 1:37:20 PM

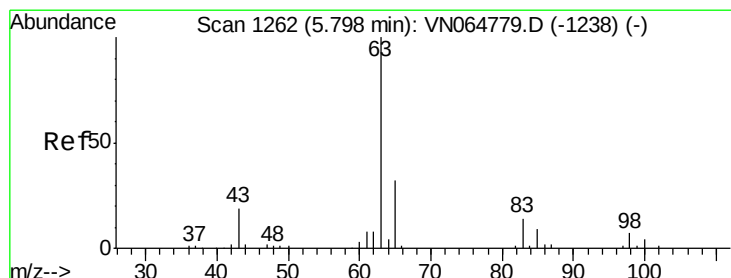
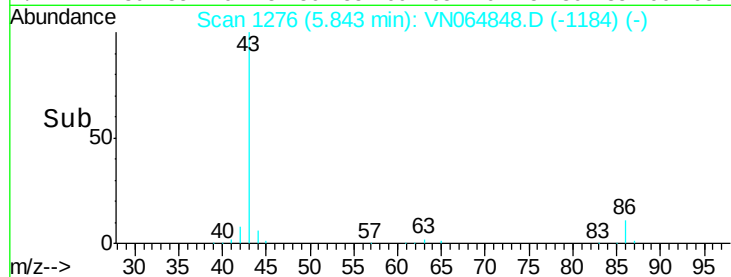


Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN064779.D (-1254) (-)



Time-->



#24

1,1-Dichloroethane

Concen: 17.683 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

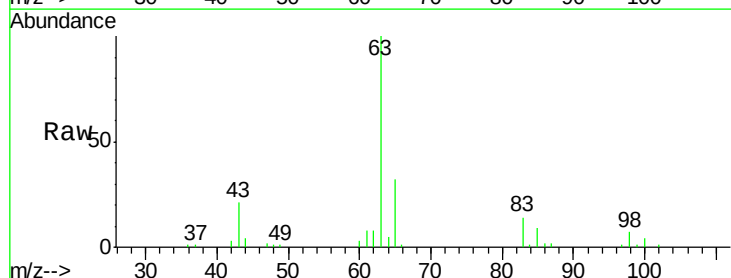
Tgt Ion: 63 Resp: 61822

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

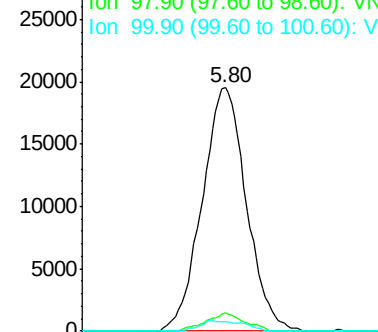
100 4.0 2.3 6.8



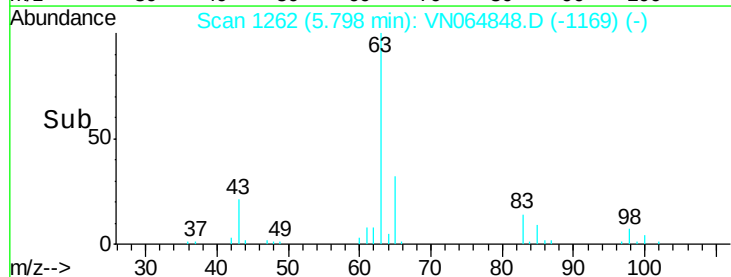
Abundance Ion 62.90 (62.60 to 63.60): VN064779.D (-1238) (-)

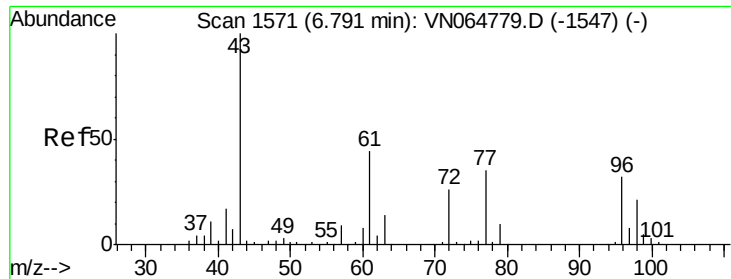
Ion 97.90 (97.60 to 98.60): VN064779.D (-1238) (-)

Ion 99.90 (99.60 to 100.60): VN064779.D (-1238) (-)



Time-->





#25

2-Butanone

Concen: 85.349 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 43 Resp: 96625

Ion Ratio Lower Upper

43 100

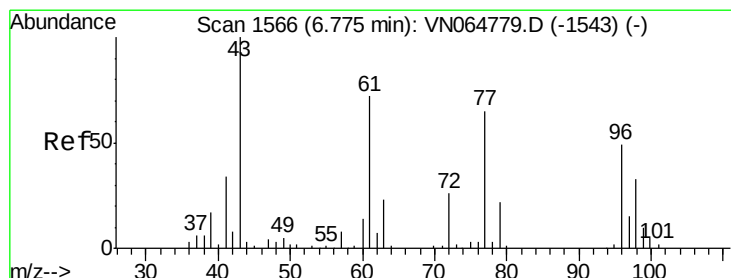
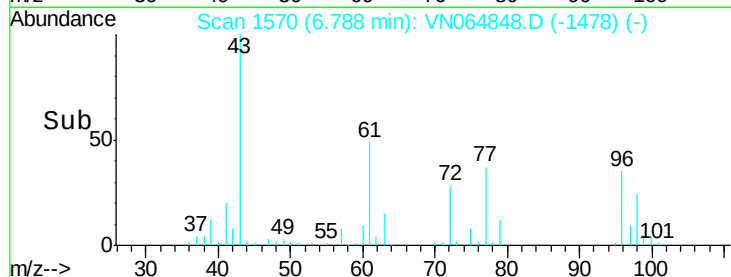
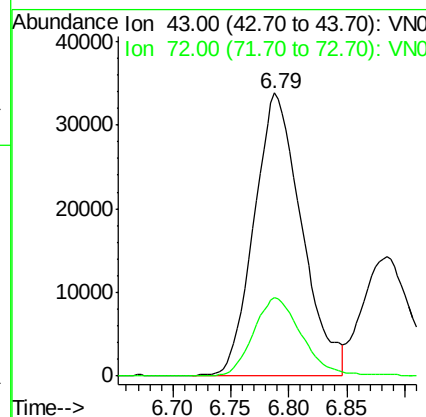
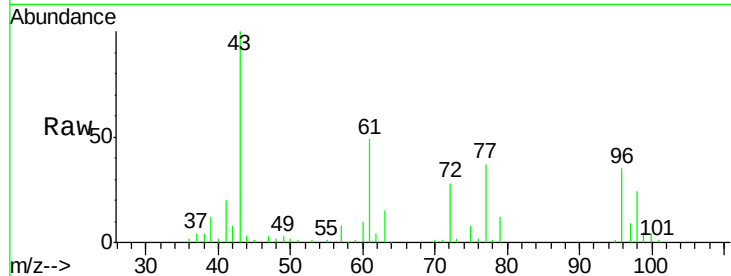
72 27.9 21.0 31.6

Manual Integrations

APPROVED

SAM

11/27/2020 1:37:20 PM



#26

2,2-Dichloropropane

Concen: 16.738 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064848.D

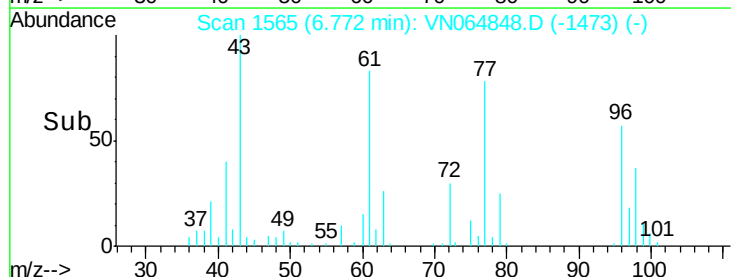
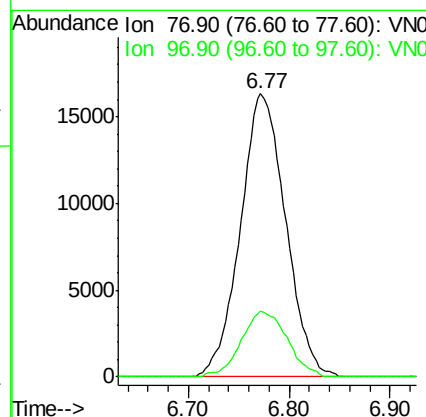
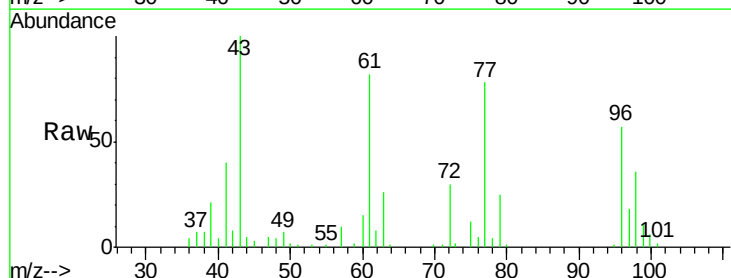
Acq: 25 Nov 2020 11:28

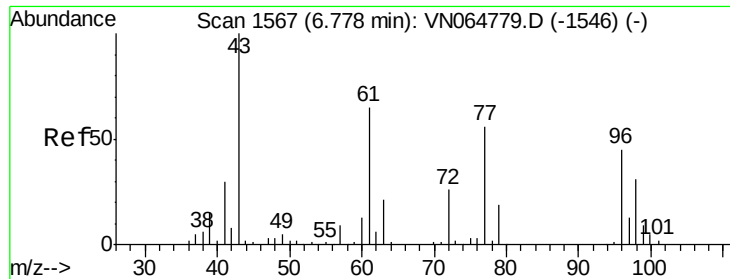
Tgt Ion: 77 Resp: 50753

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.516 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

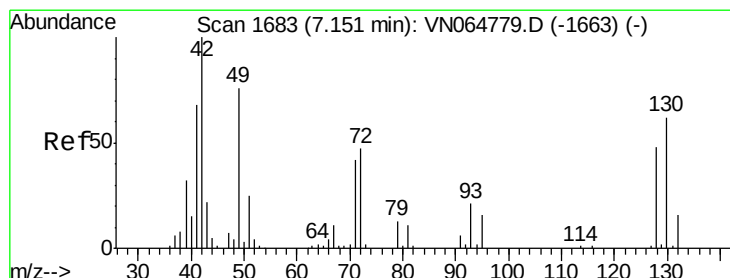
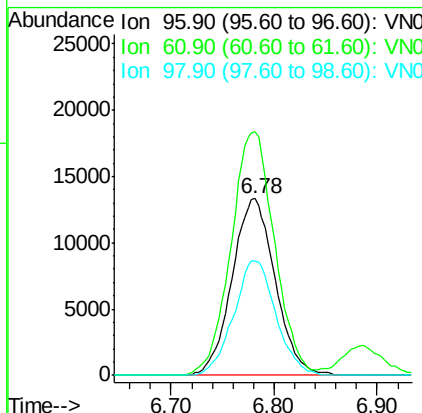
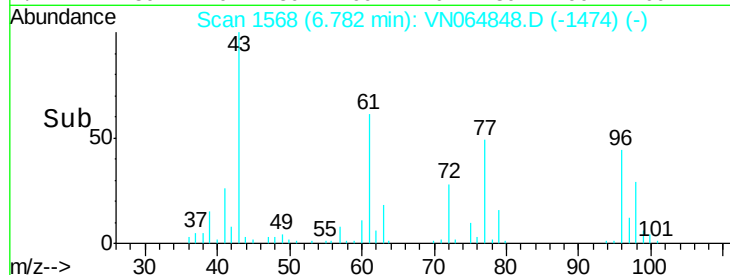
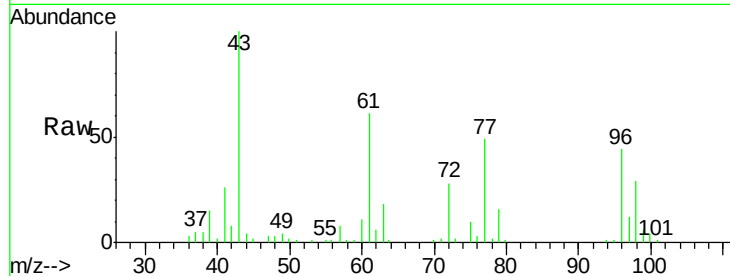
VN1125WBSD01

Tot Ion:	96	Resp:	38786
Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	285.8
98	63.3	0.0	130.6

Manual Integrations
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#28

Bromochloromethane

Concen: 18.245 ug/l

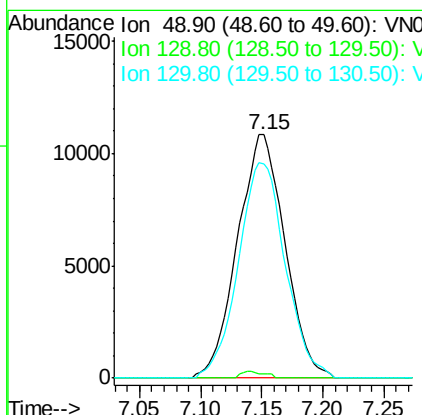
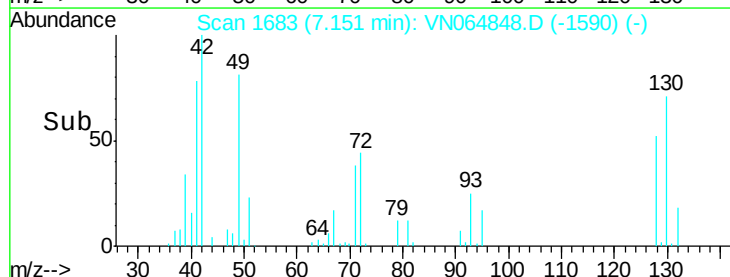
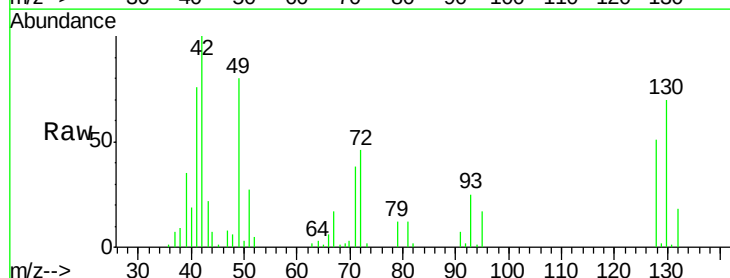
RT: 7.15 min Scan# 1683

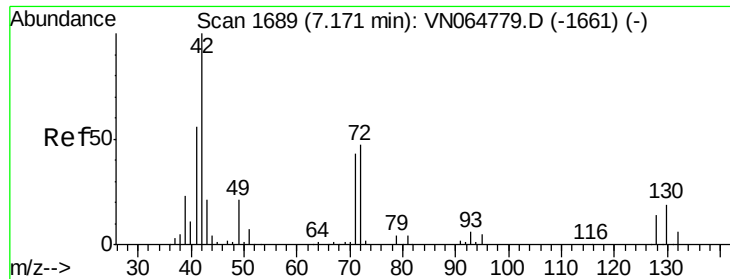
Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Tgt Ion:	49	Resp:	29181
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	87.6	66.2	99.2





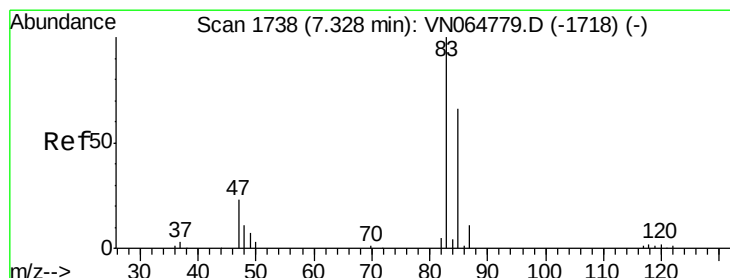
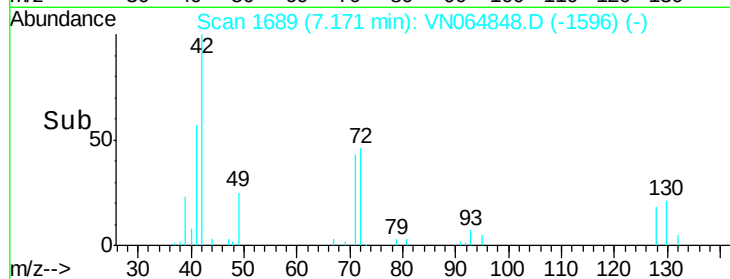
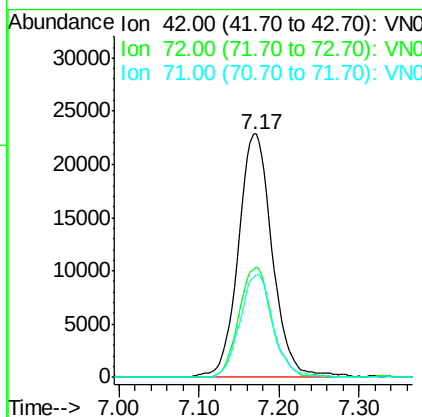
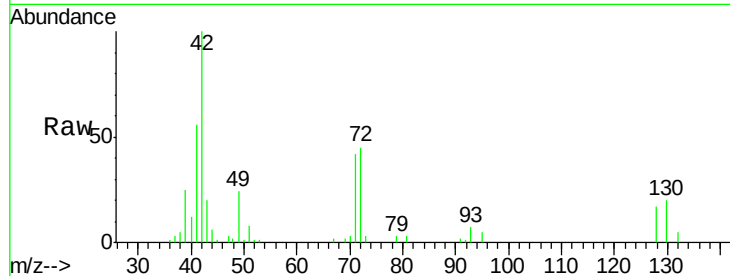
#29
Tetrahydrofuran
Concen: 84.015 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	36.6	54.8
71	41.1	33.6	50.4

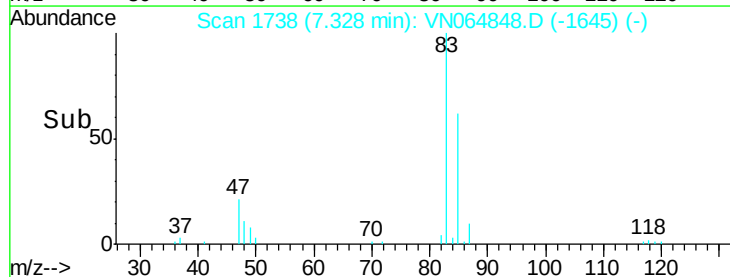
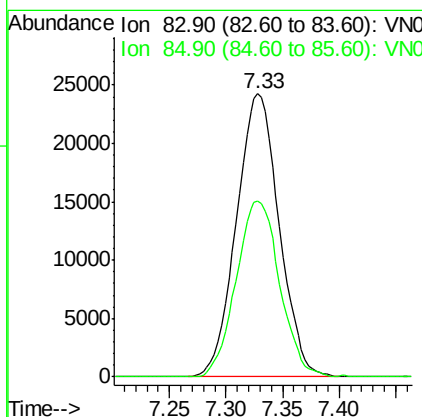
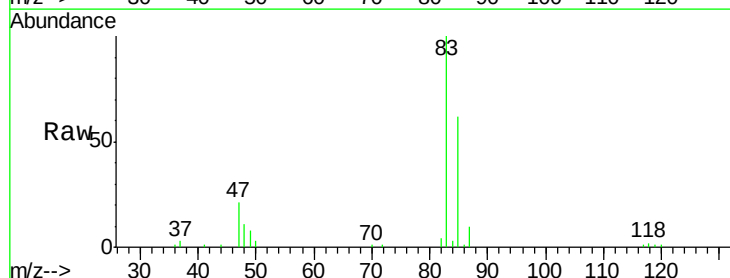
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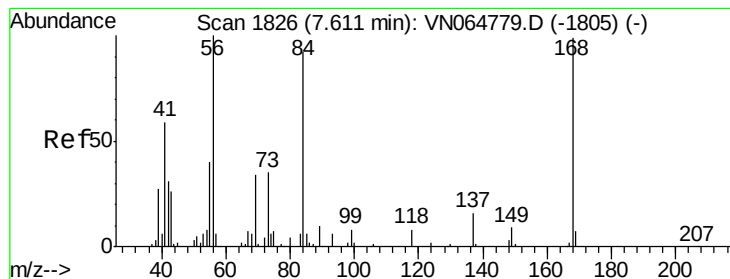
SAM
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#30
Chloroform
Concen: 17.681 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.6	78.8





#31

Cyclohexane

Concen: 17.066 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

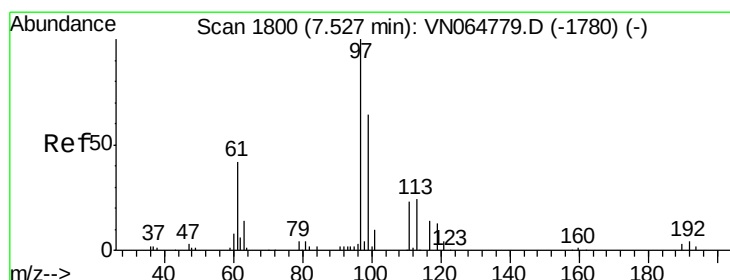
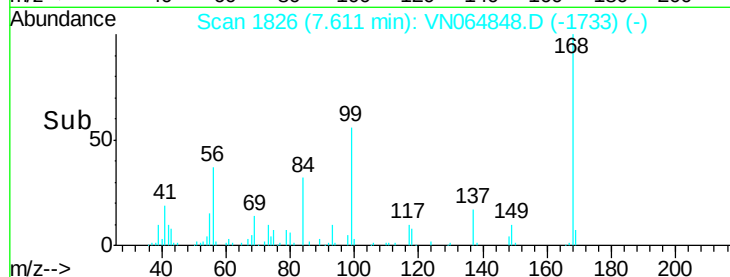
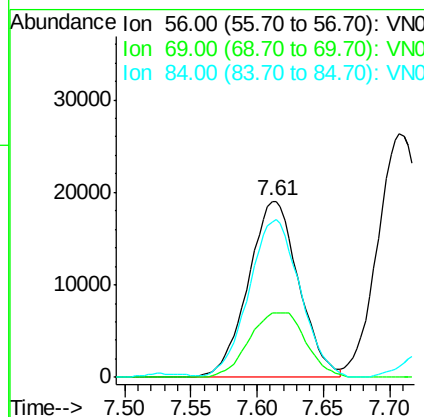
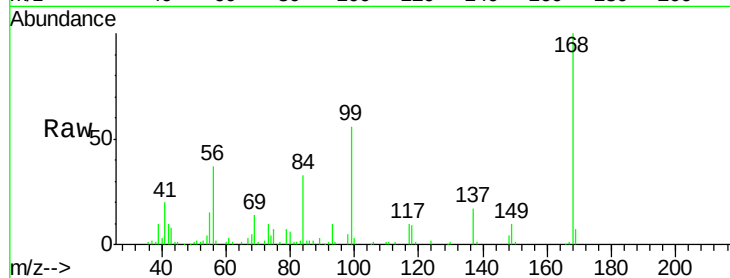
VN1125WBSD01

Tot Ion:	56	Resp:	50534
Ion	Ratio	Lower	Upper
56	100		
69	36.4	27.5	41.3
84	87.1	73.9	110.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.642 ug/l

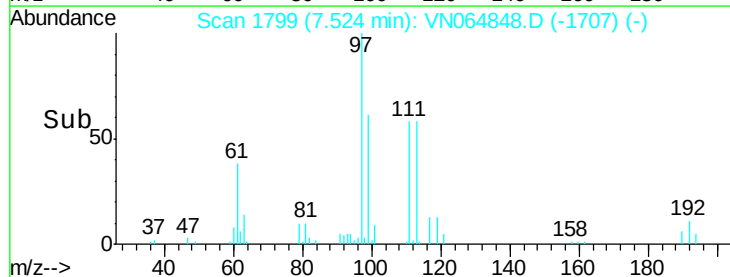
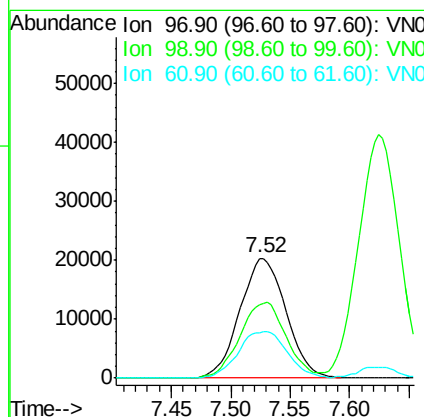
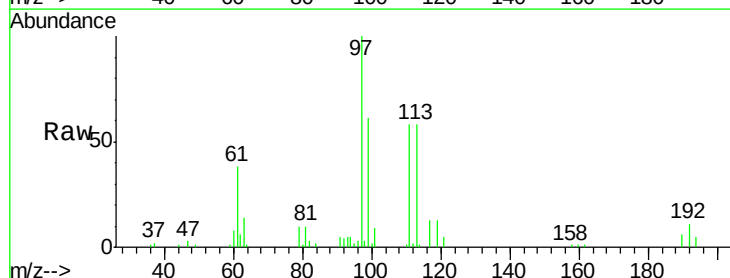
RT: 7.52 min Scan# 1799

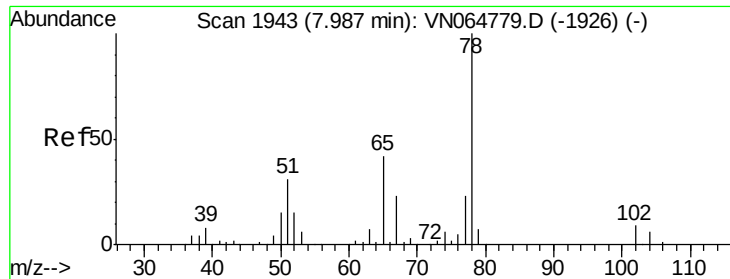
Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Tgt Ion:	97	Resp:	54629
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	41.3	33.9	50.9





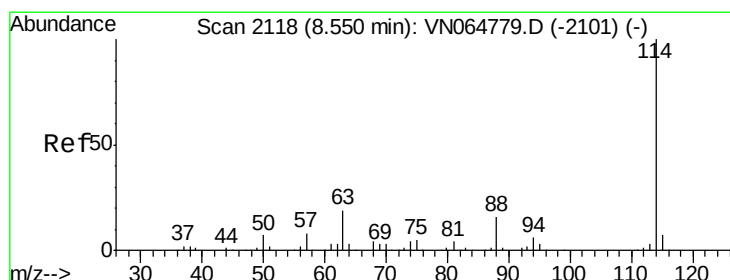
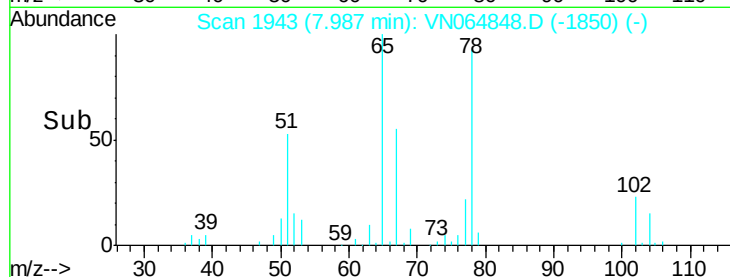
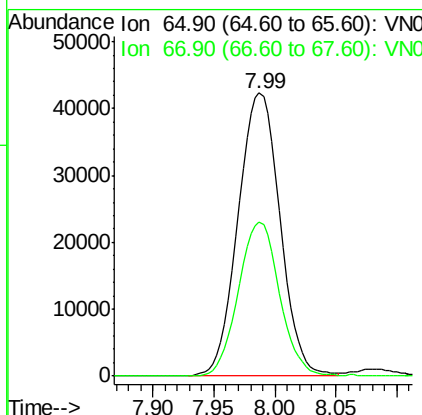
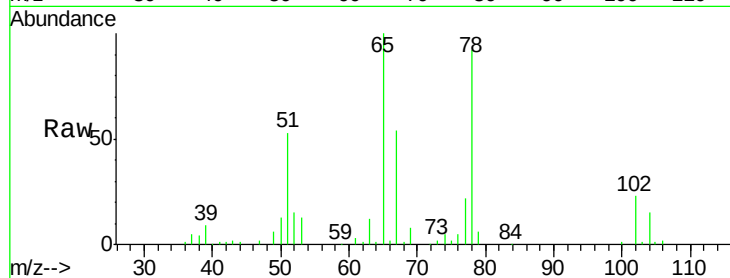
#33
 1,2-Dichloroethane-d4
 Concen: 47.454 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	108.2	

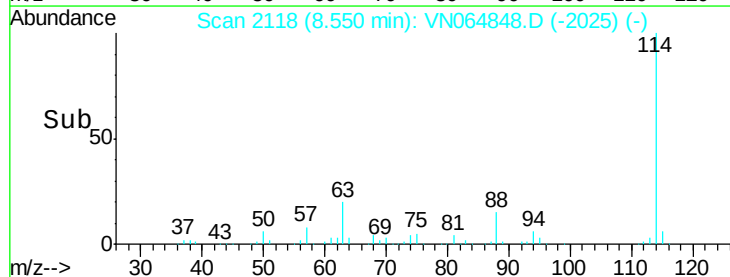
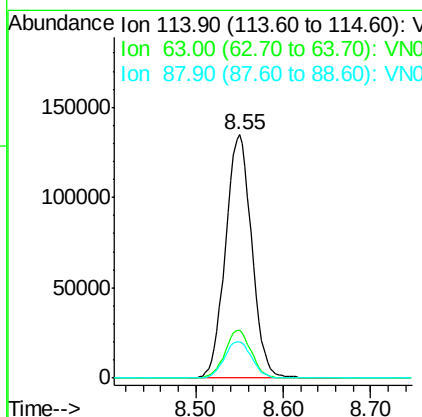
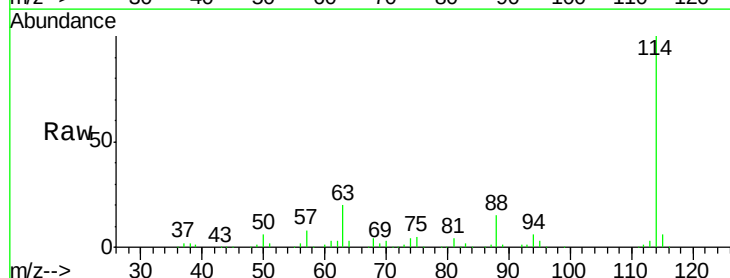
Manual Integrations
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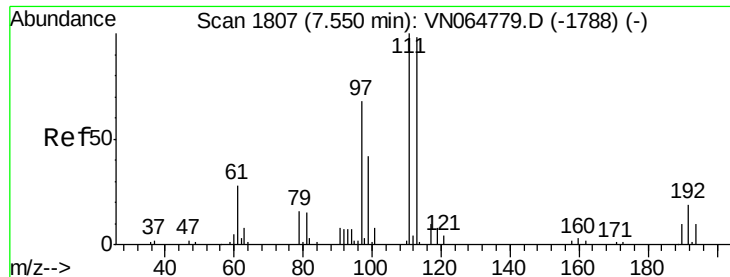
SAM
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.8	0.0	38.6	
88	15.0	0.0	32.6	





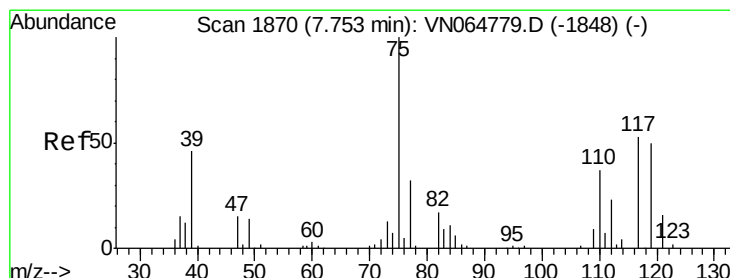
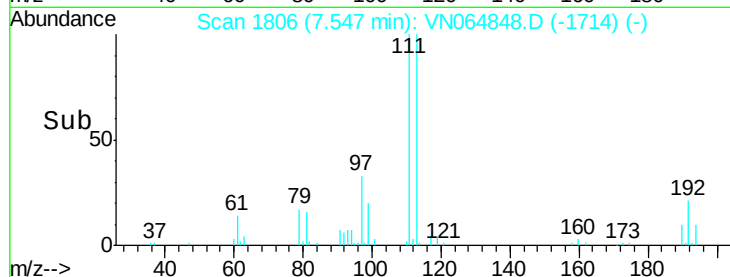
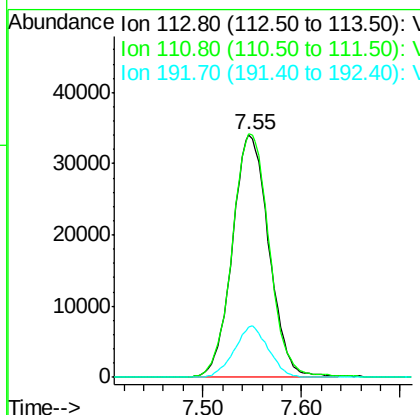
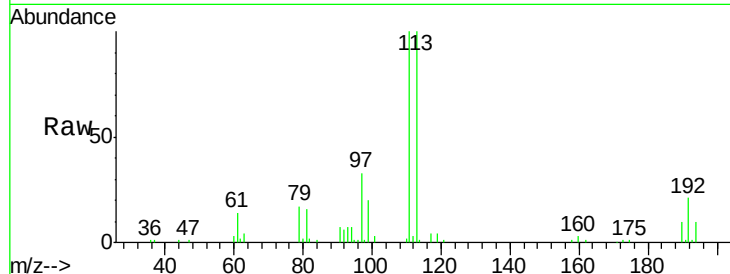
#35
 Dibromofluoromethane
 Concen: 52.112 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.6	122.4
192	19.7	16.2	24.2

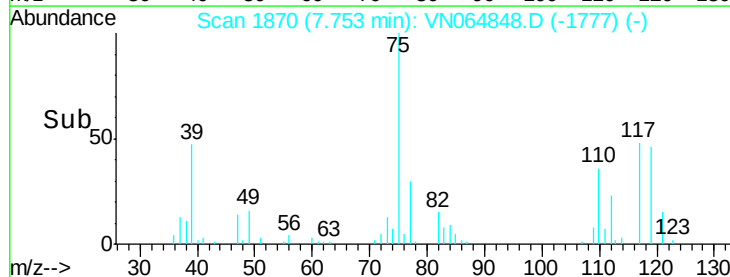
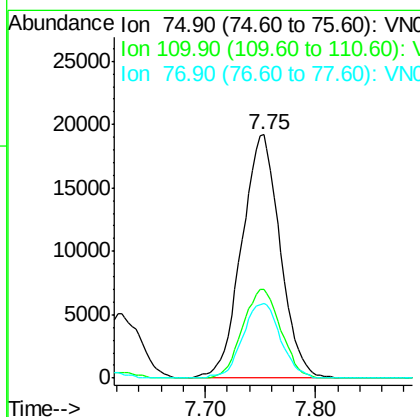
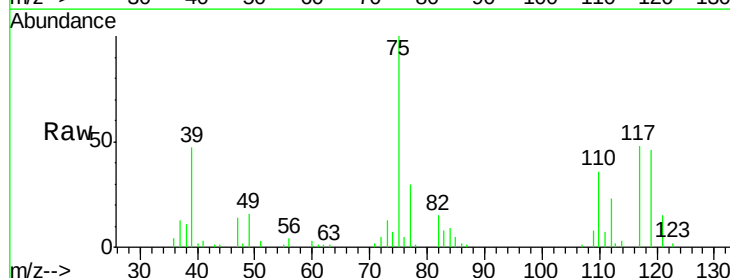
Manual Integrations
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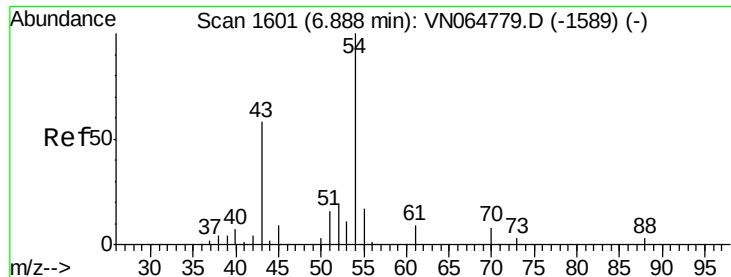
SAM
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#36
 1,1-Dichloropropene
 Concen: 17.821 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.8	53.3
77	30.2	25.0	37.4





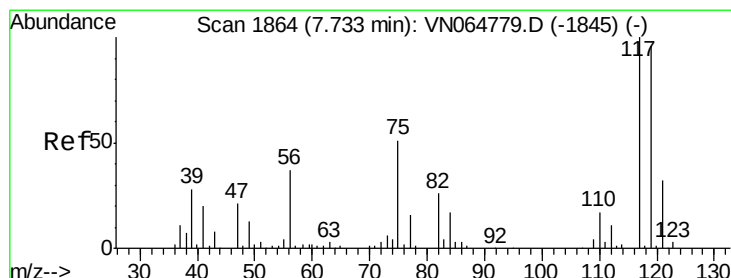
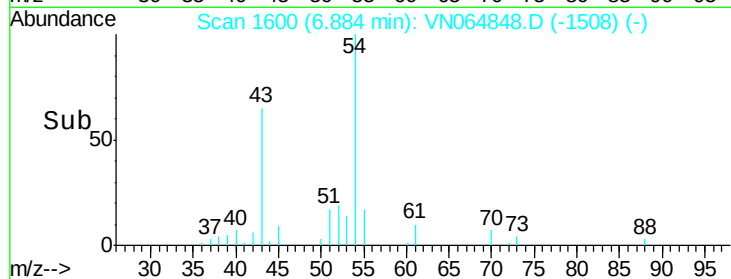
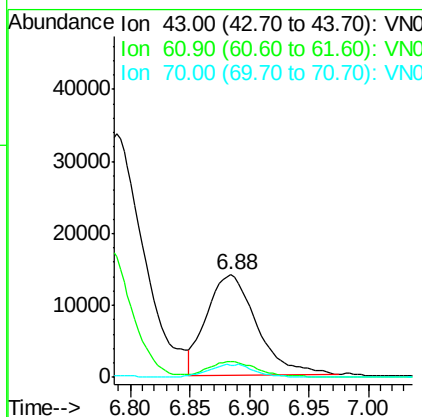
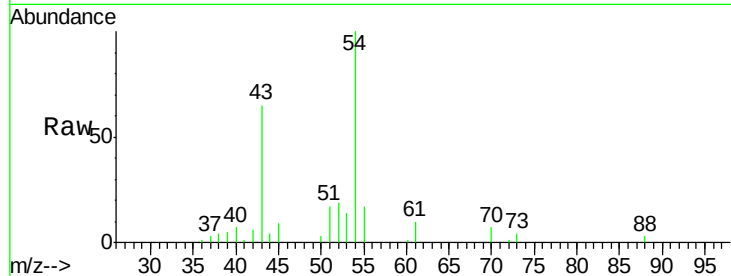
#37
Ethyl Acetate
Concen: 16.378 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	43	61	70
Resp	41057		
Ratio	100	15.4	5.9
Lower		12.8	8.8
Upper		19.2	13.2

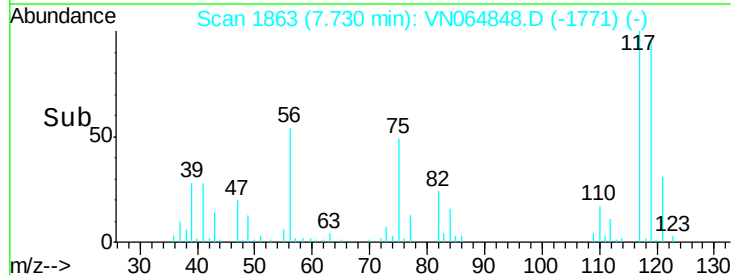
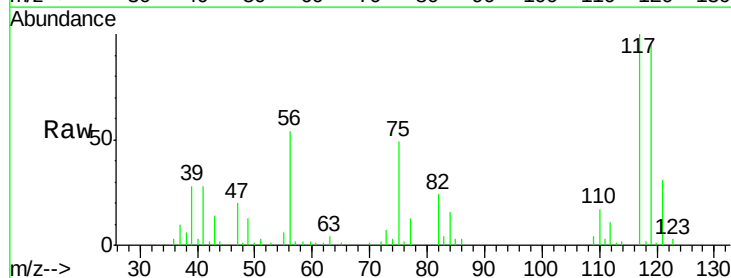
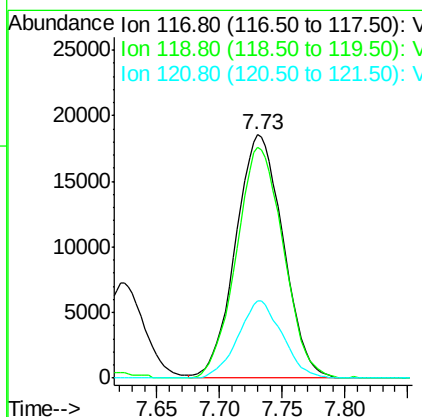
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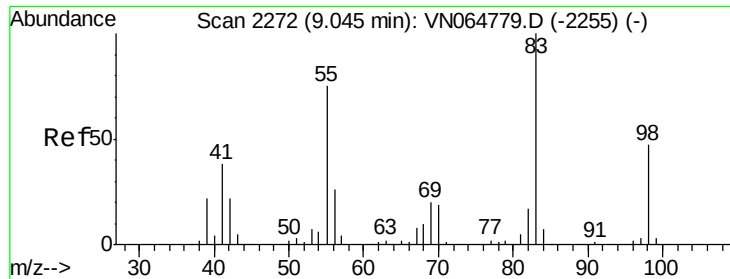
SAM
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#38
Carbon Tetrachloride
Concen: 18.001 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion	117	119	121
Resp	48742		
Ratio	100	95.0	31.5
Lower		76.7	25.4
Upper		115.1	38.2





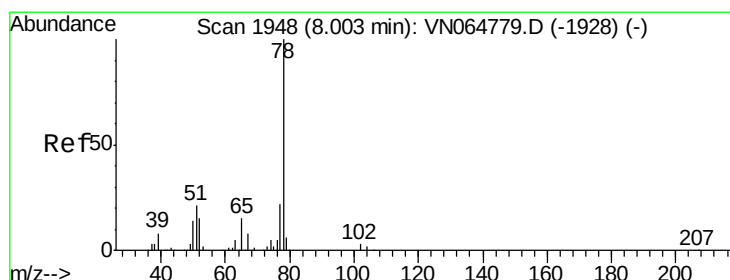
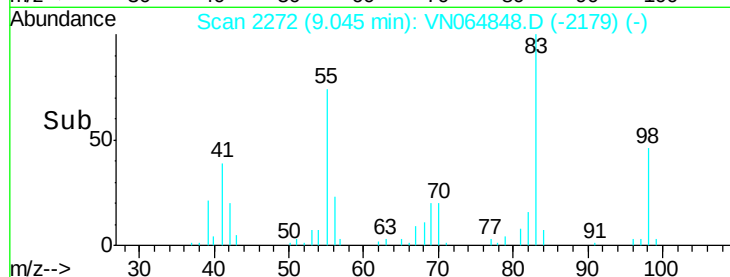
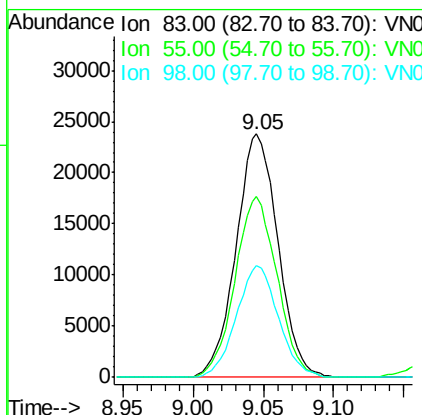
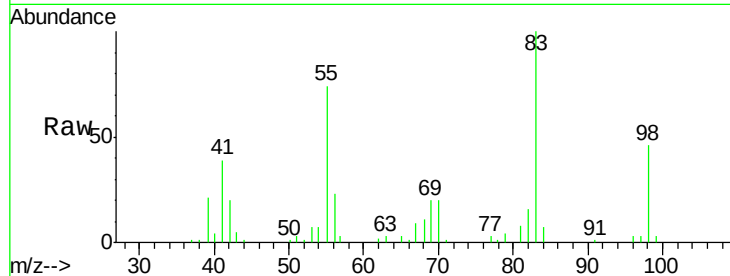
#39
Methylvlcyclohexane
Concen: 17.684 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	83	Resp	49543
Ion Ratio	100	Lower	Upper
83	100		
55	74.5	60.2	90.2
98	45.8	37.4	56.2

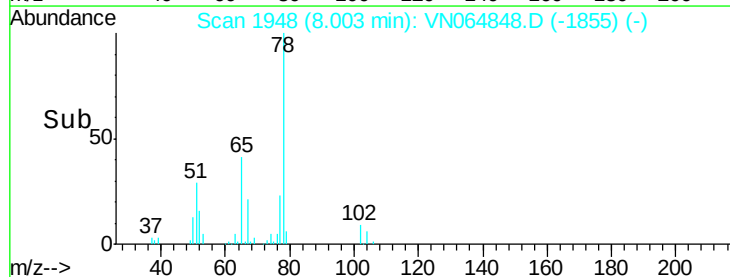
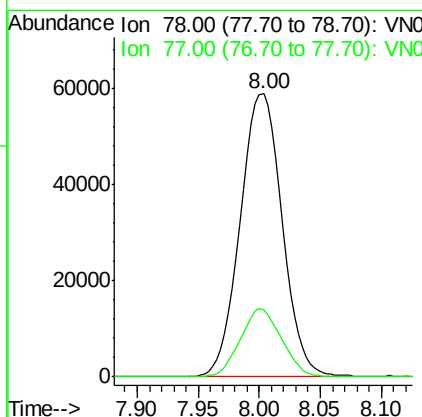
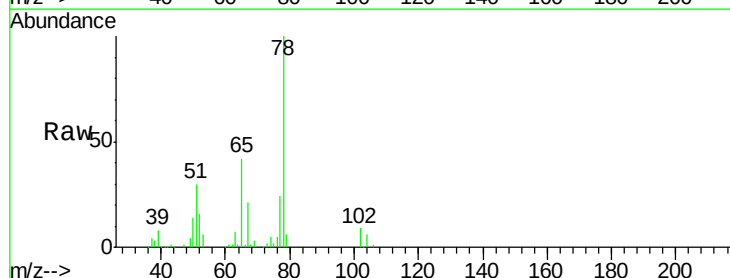
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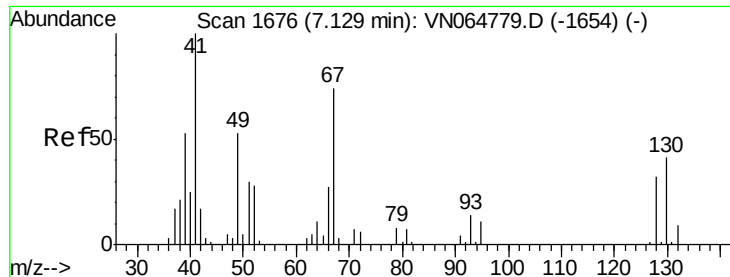
SAM
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#40
Benzene
Concen: 17.579 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion	78	Resp	140186
Ion Ratio	100	Lower	Upper
78	100		
77	23.6	17.9	26.9





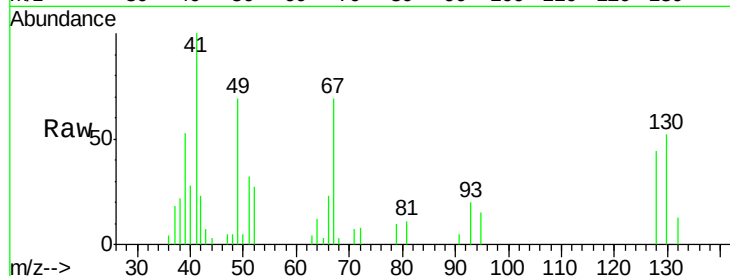
#41
Methacrylonitrile
Concen: 17.259 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion:	41	Resp:	19964
Ion	Ratio	Lower	Upper
41	100		
39	49.7	51.0	76.6#
67	88.4	79.8	119.8
52	33.6	31.5	47.3

Manual Integrations
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11/27/2020 1:37:20 PM

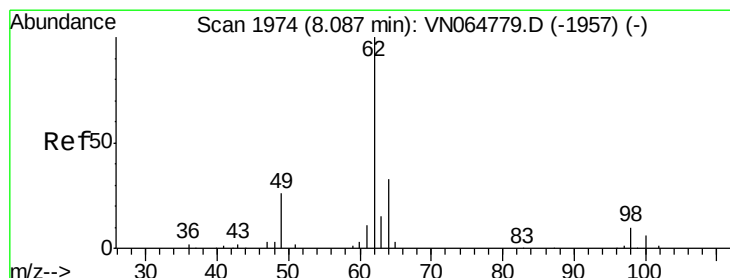
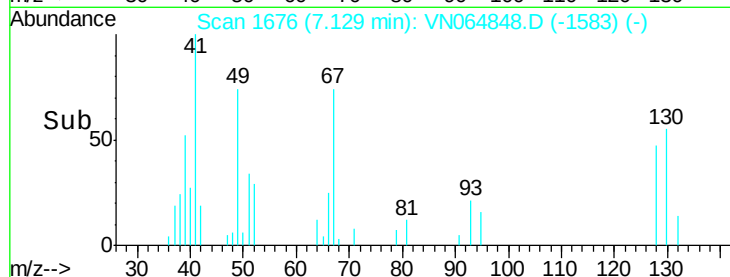
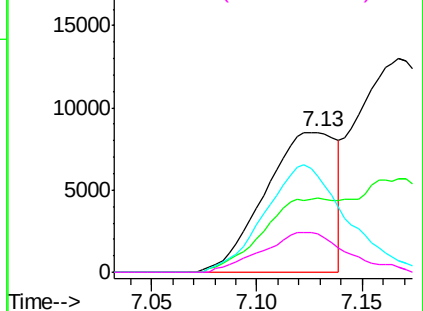


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-1654) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-1654) (-)

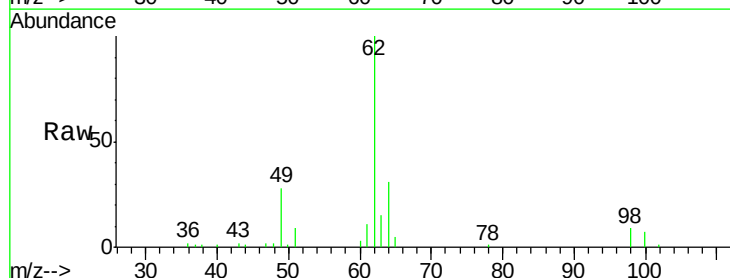
Ion 67.00 (66.70 to 67.70): VN064779.D (-1654) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-1654) (-)



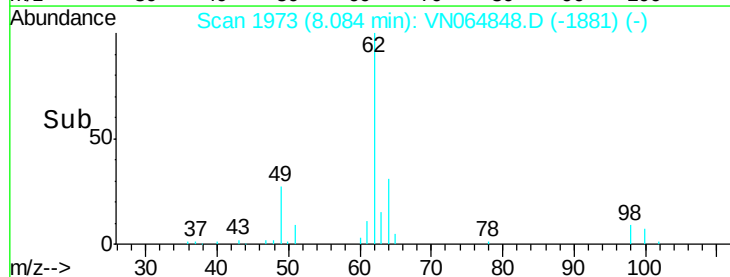
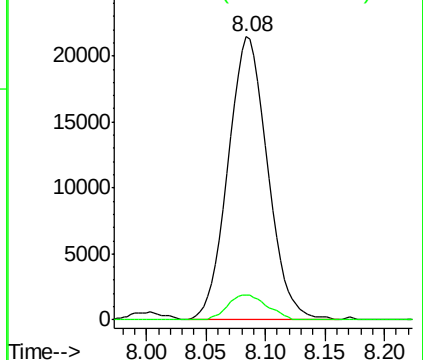
#42
1,2-Dichloroethane
Concen: 18.392 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

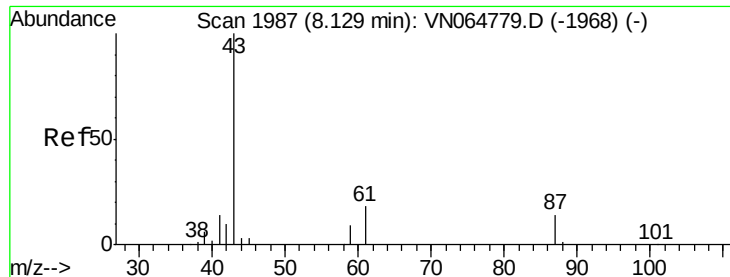
Tgt Ion:	62	Resp:	49479
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VN064779.D (-1957) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1957) (-)





#43

Isopropyl Acetate

Concen: 16.785 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

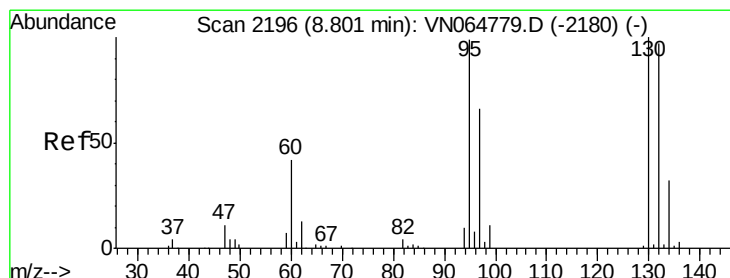
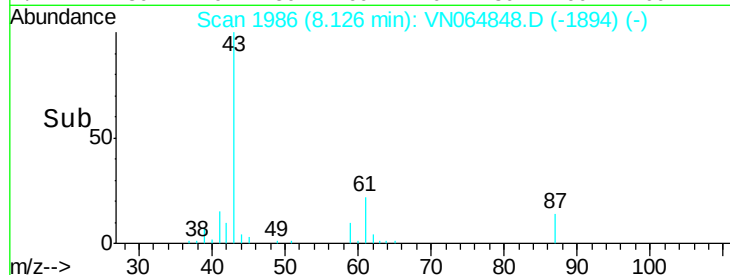
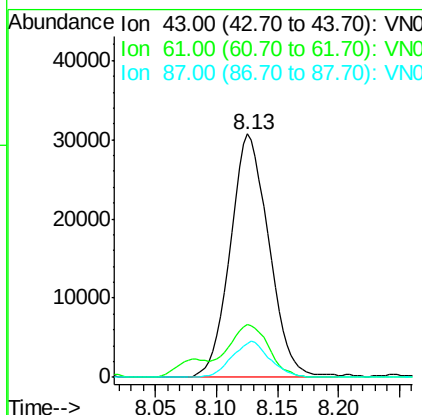
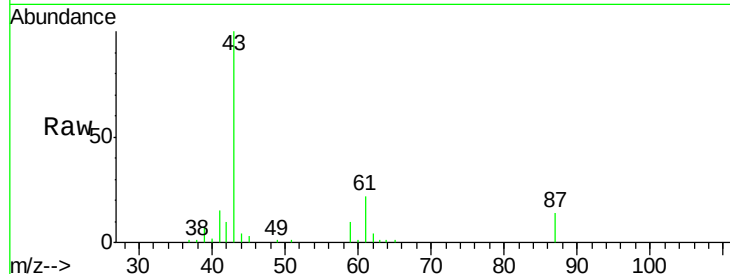
ClientSampleId :

VN1125WBSD01

Tot Ion:	43	Resp:	67709
Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.2	25.8
87	14.4	11.4	17.0

Manual Integrations
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#44

Trichloroethene

Concen: 17.181 ug/l

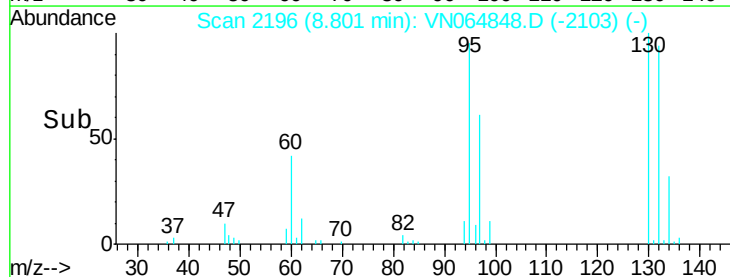
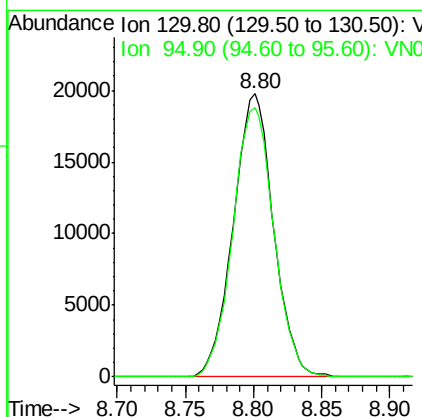
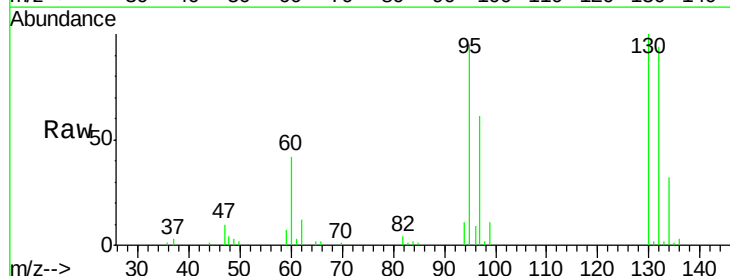
RT: 8.80 min Scan# 2196

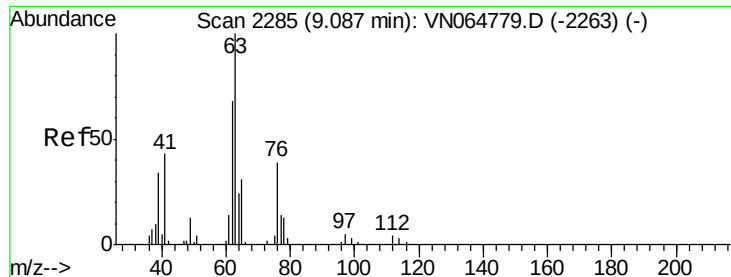
Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Tgt Ion:	130	Resp:	40427
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	197.8





#45

1,2-Dichloropropane

Concen: 18.637 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 63 Resp: 38489

Ion Ratio Lower Upper

63 100

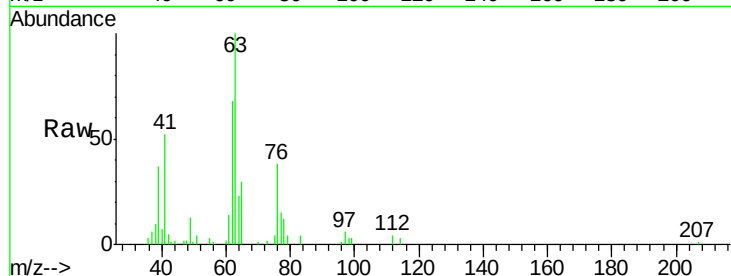
65 30.0 25.0 37.4

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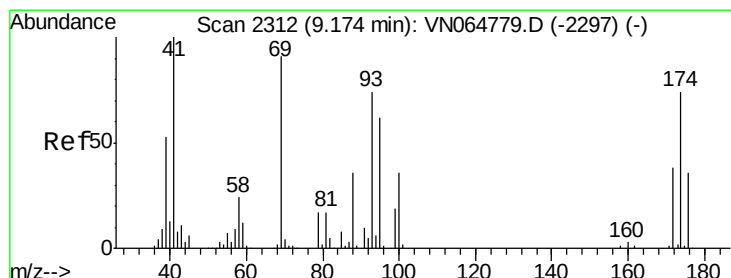
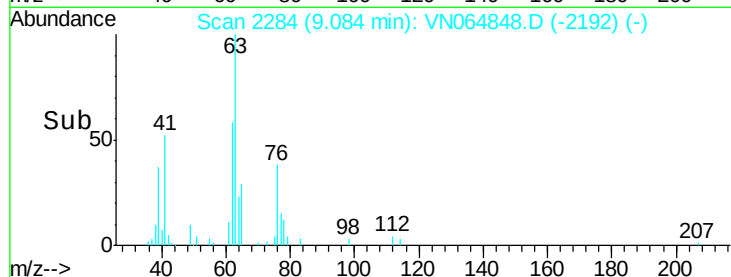
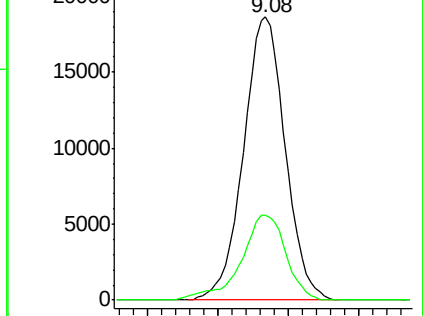
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.717 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

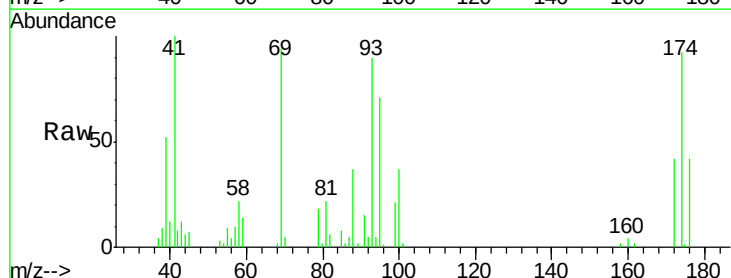
Tgt Ion: 93 Resp: 25823

Ion Ratio Lower Upper

93 100

95 80.4 68.8 103.2

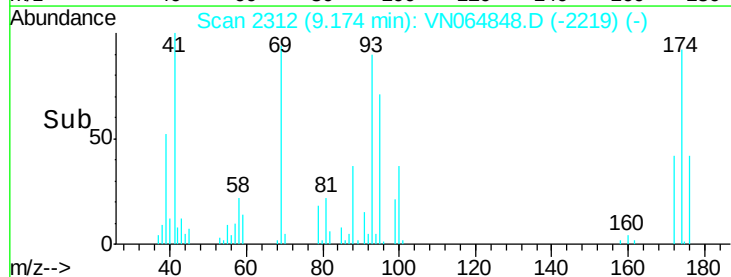
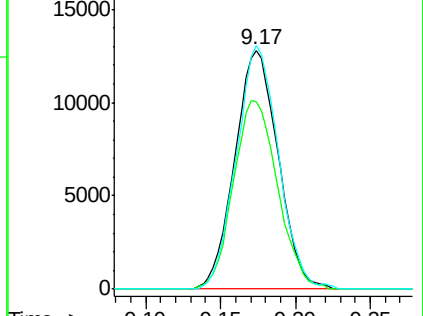
174 99.2 83.1 124.7

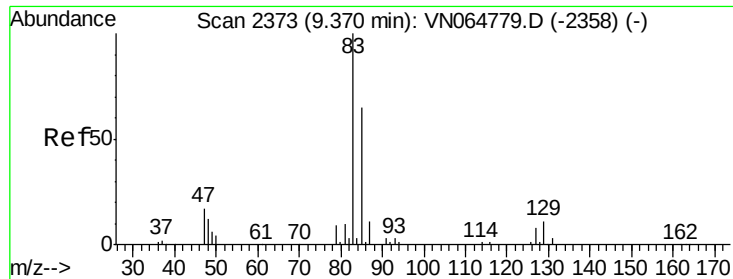


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.875 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

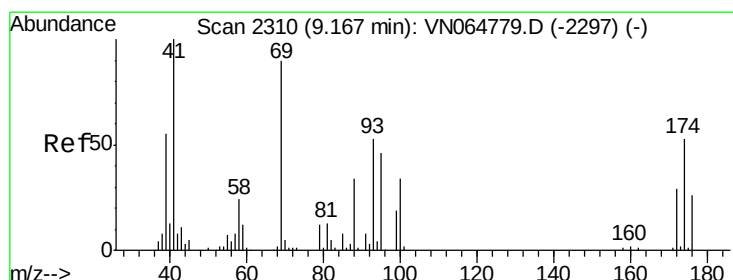
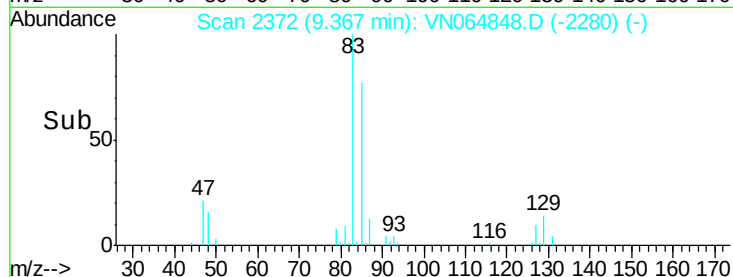
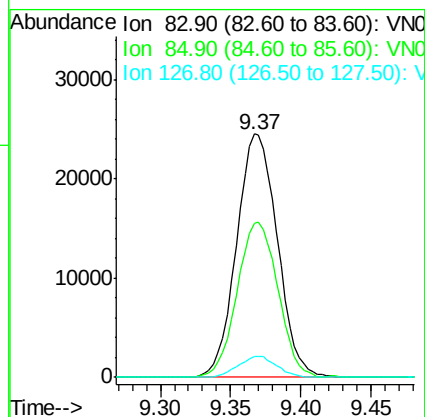
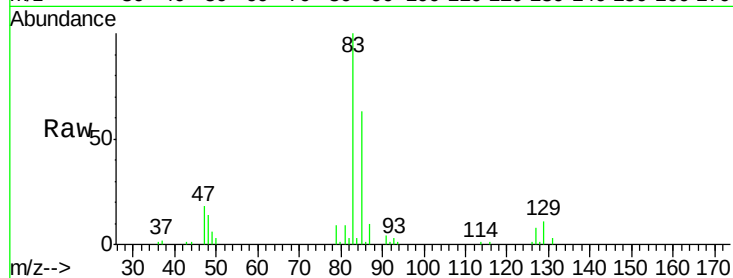
ClientSampleId :

VN1125WBSD01

Tot Ion:	83	Resp:	49622
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.8	77.8
127	8.4	6.8	10.2

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#48

Methyl methacrylate

Concen: 17.098 ug/l

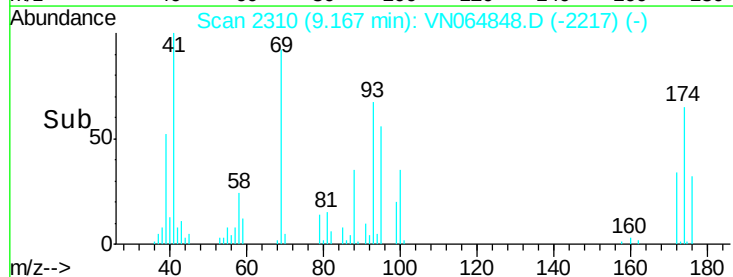
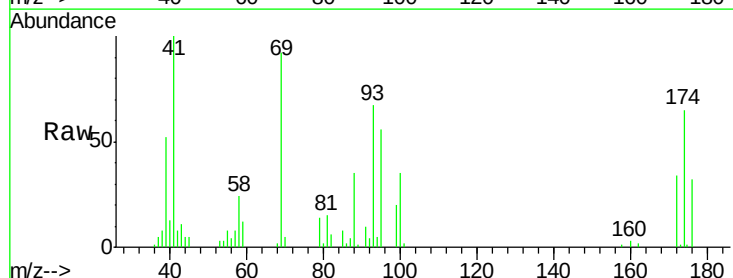
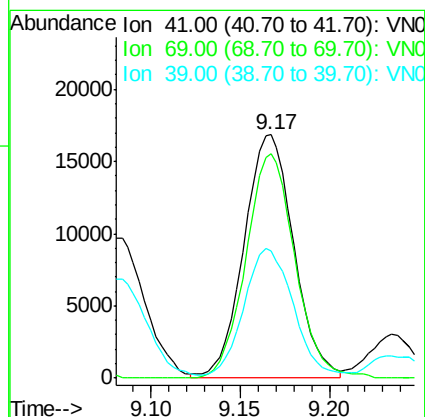
RT: 9.17 min Scan# 2310

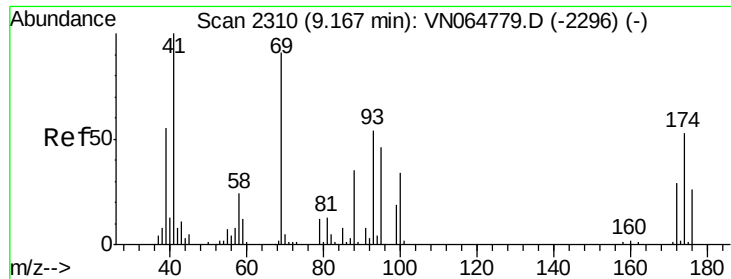
Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Tgt Ion:	41	Resp:	32957
Ion Ratio	Lower	Upper	
41	100		
69	90.8	71.8	107.8
39	53.6	44.1	66.1





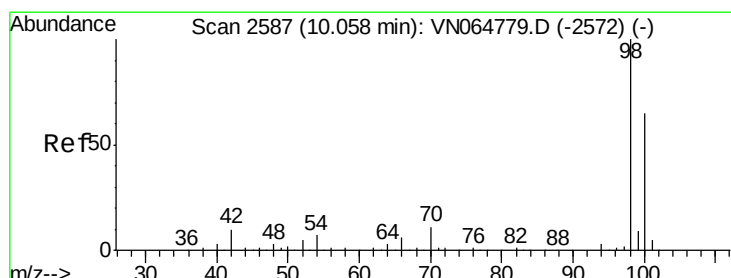
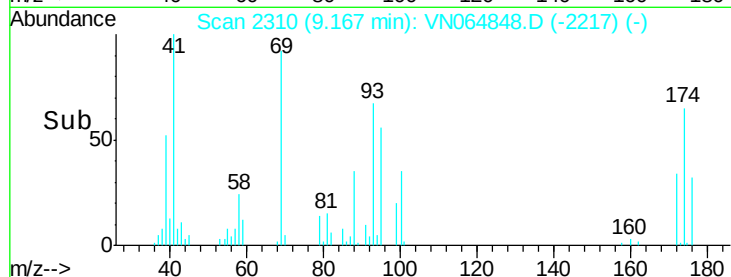
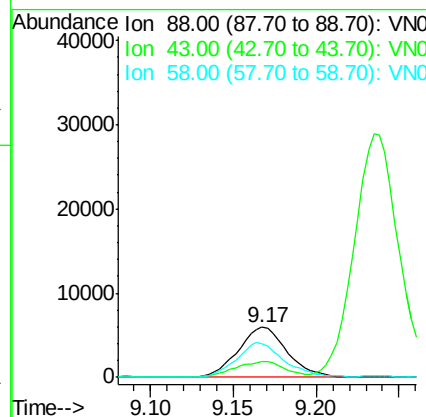
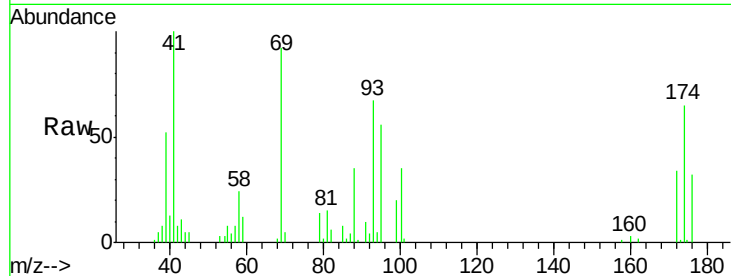
#49
1,4-Dioxane
Concen: 332.584 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	33.6	24.2	36.4	
58	67.7	52.5	78.7	

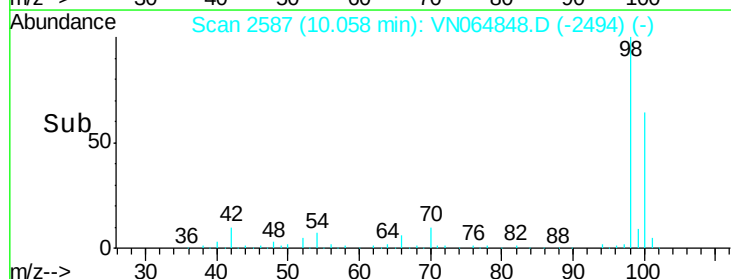
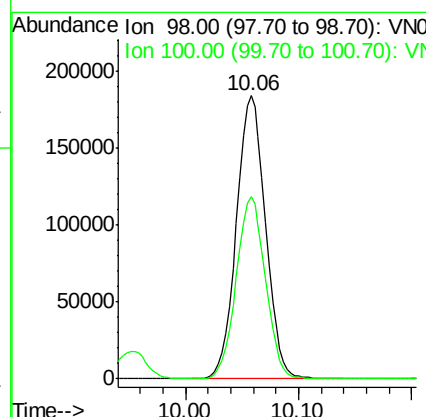
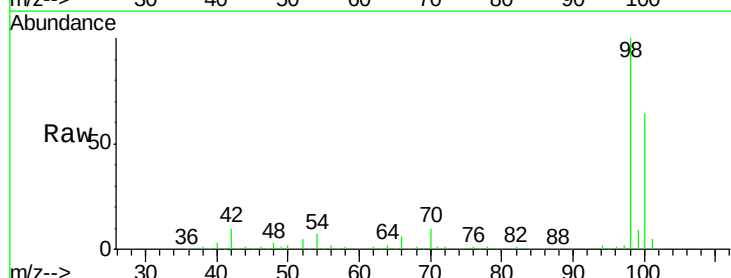
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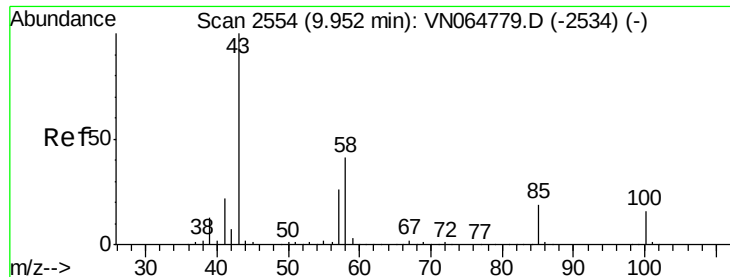
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#50
Toluene-d8
Concen: 47.971 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	64.5	51.7	77.5	





#51

4-Methyl-2-Pentanone

Concen: 86.340 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 43 Resp: 209088

Ion Ratio Lower Upper

43 100

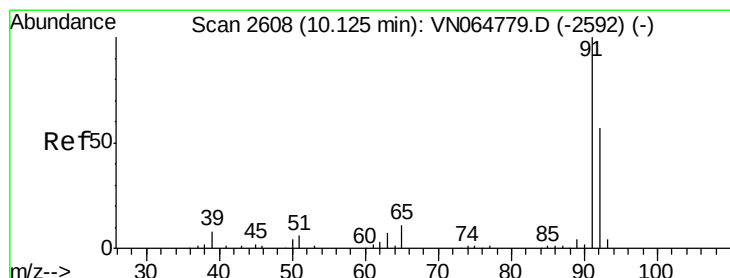
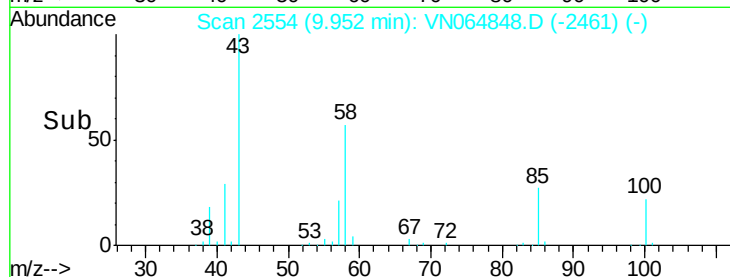
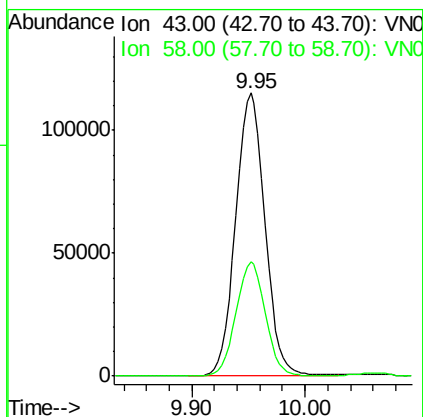
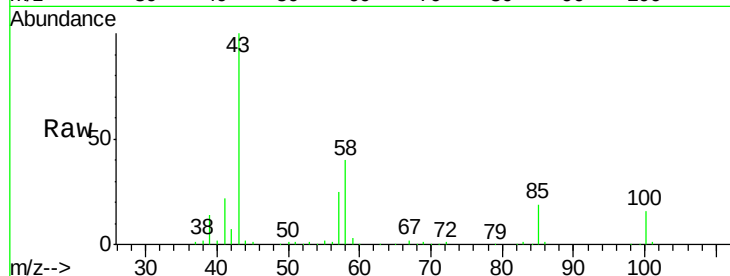
58 40.3 32.4 48.6

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#52

Toluene

Concen: 17.946 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064848.D

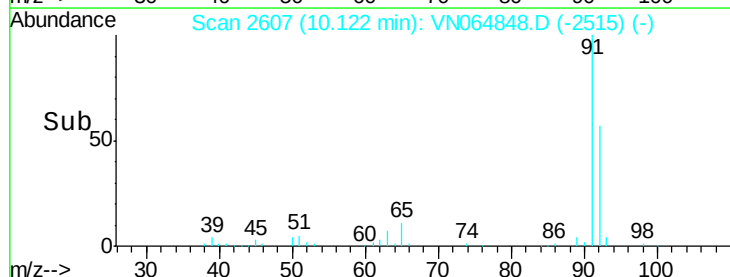
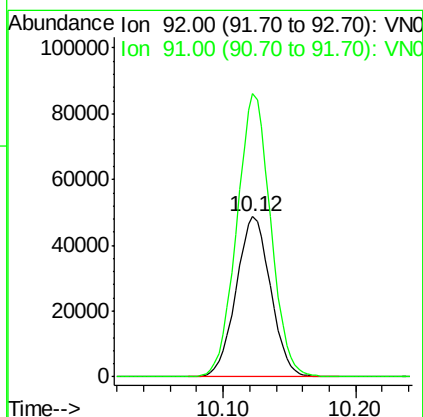
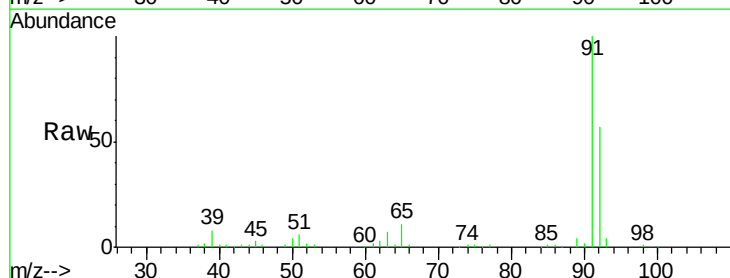
Acq: 25 Nov 2020 11:28

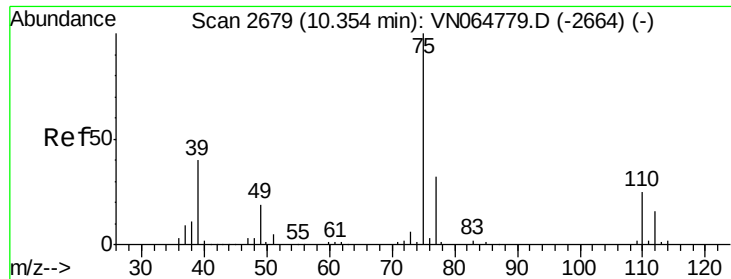
Tgt Ion: 92 Resp: 88133

Ion Ratio Lower Upper

92 100

91 173.2 139.1 208.7





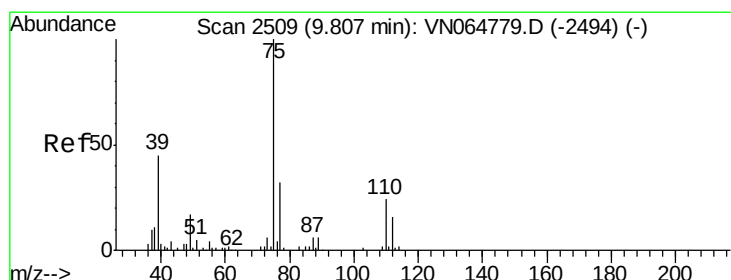
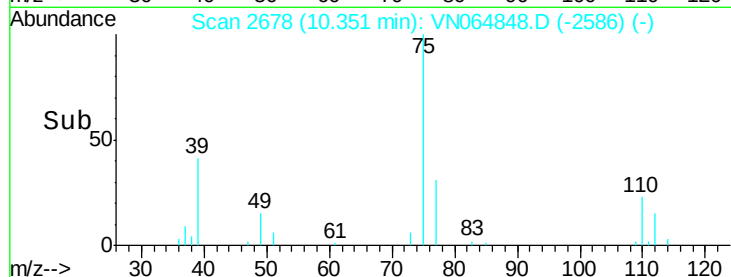
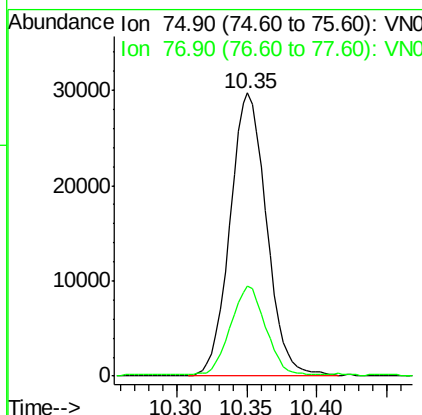
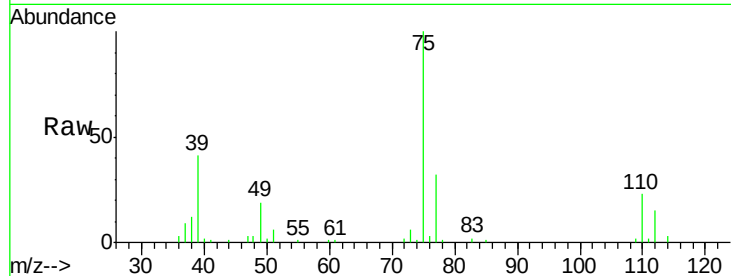
#53
t-1,3-Dichloropropene
Concen: 17.445 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.8	38.6

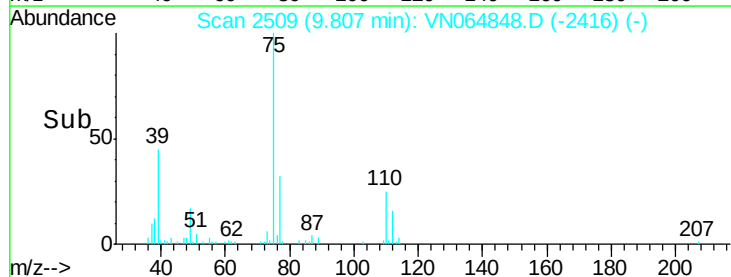
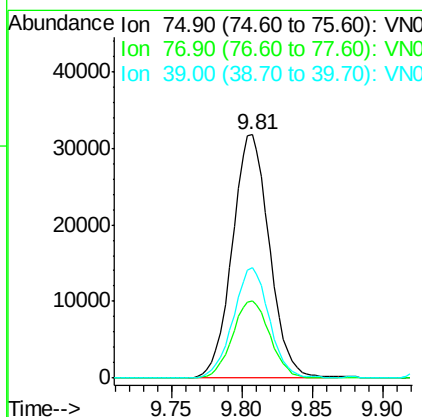
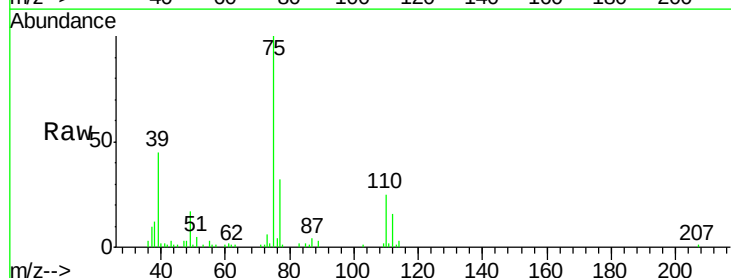
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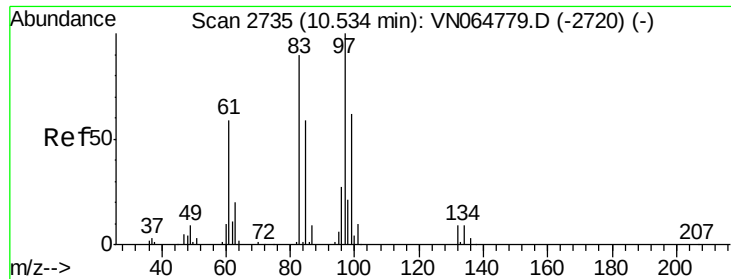
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#54
cis-1,3-Dichloropropene
Concen: 17.676 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3
39	45.5	35.6	53.4





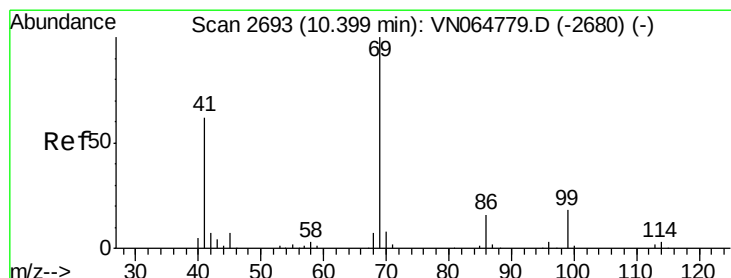
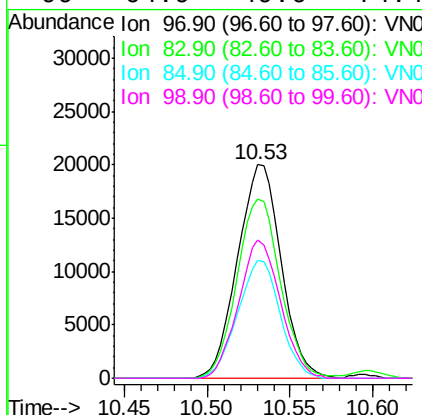
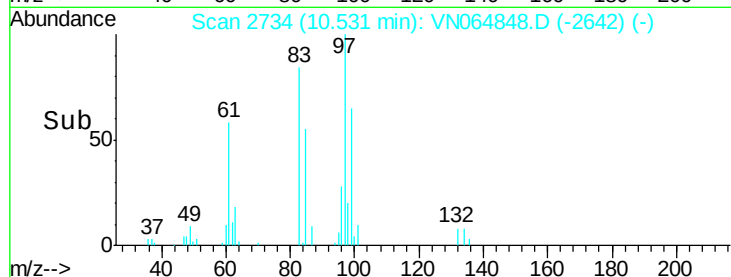
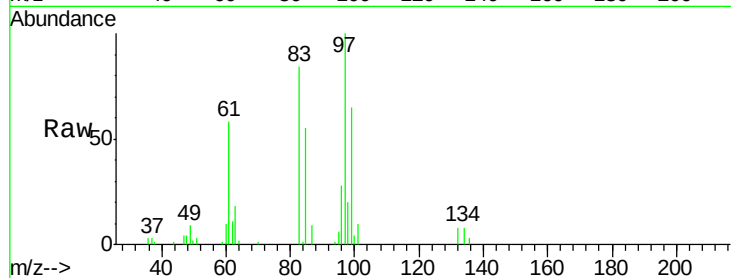
#55
 1,1,2-Trichloroethane
 Concen: 18.109 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		36571		
83	84.1	72.1	108.1		
85	55.0	46.8	70.2		
99	64.9	49.6	74.4		

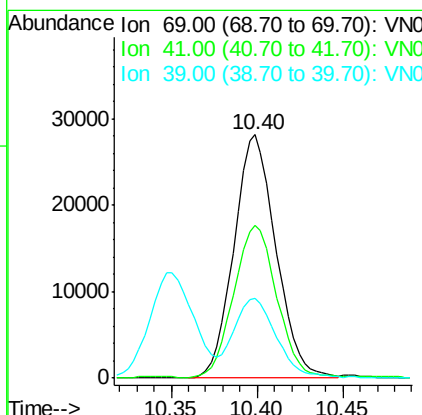
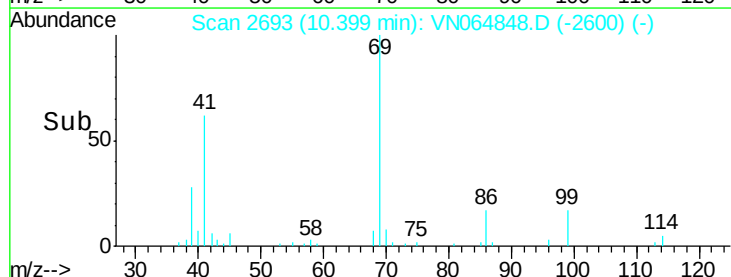
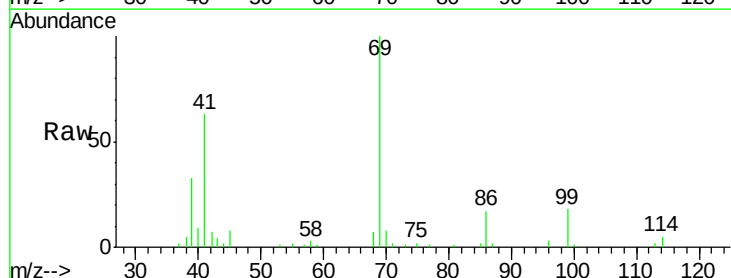
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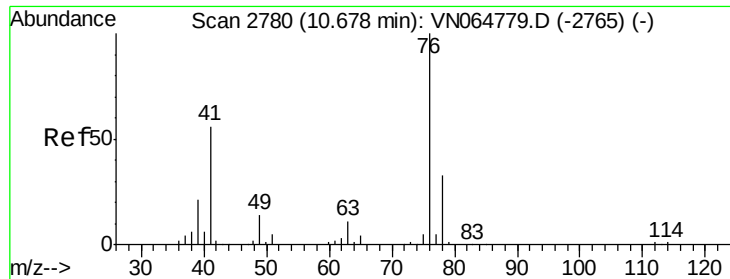
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#56
 Ethyl methacrylate
 Concen: 17.129 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		47735		
41	64.6	49.4	74.0		
39	33.5	25.9	38.9		





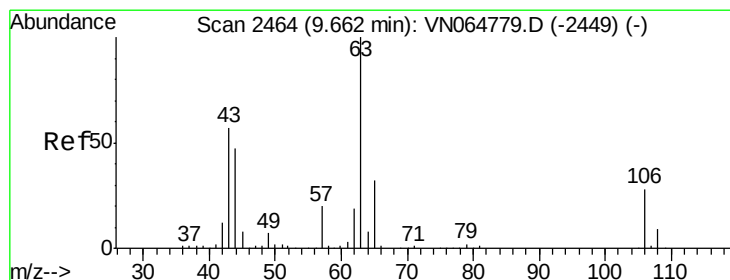
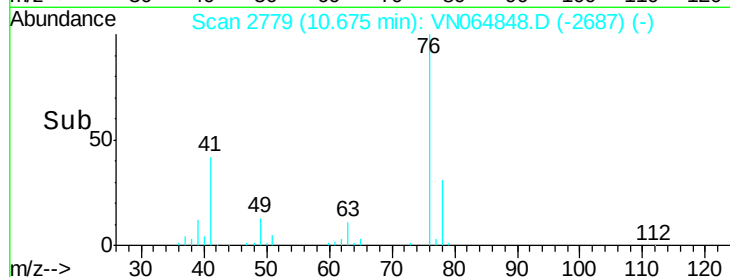
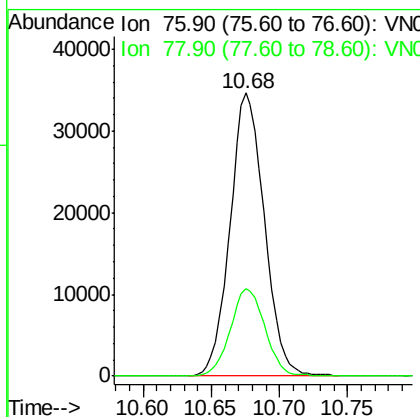
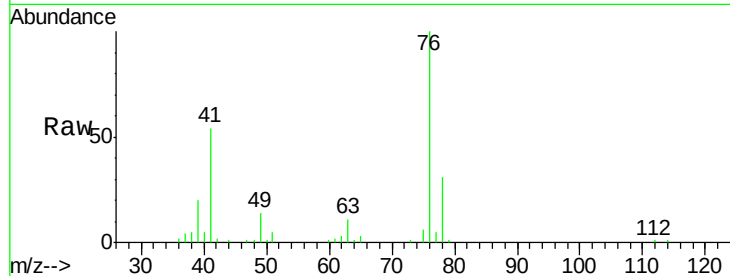
#57
 1,3-Dichloropropane
 Concen: 18.158 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion: 76 Resp: 60492
 Ion Ratio Lower Upper
 76 100
 78 31.1 26.1 39.1

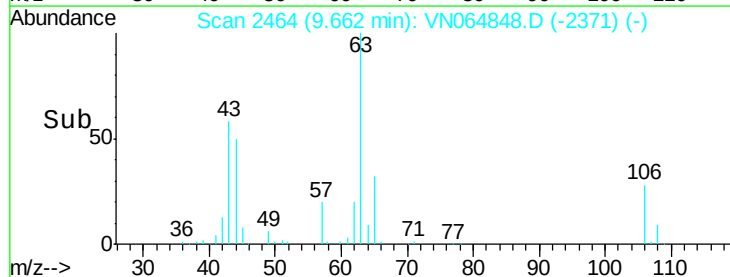
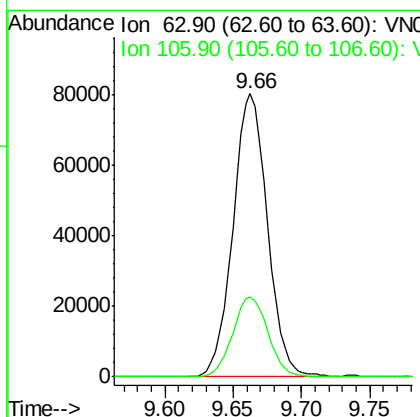
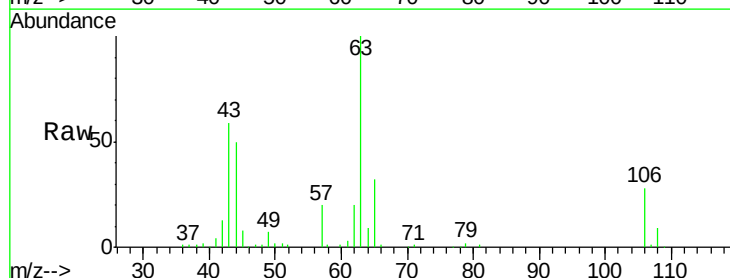
Manual Integrations
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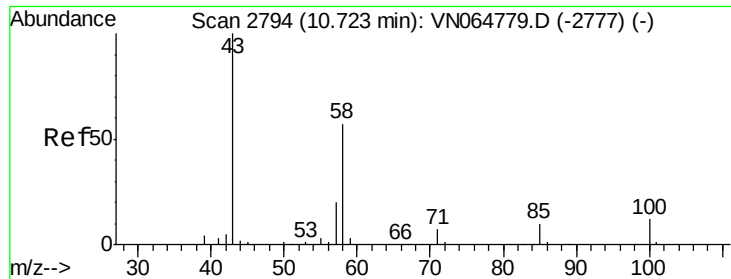
SAM
 11/27/2020 1:37:20 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.552 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion: 63 Resp: 140346
 Ion Ratio Lower Upper
 63 100
 106 29.0 22.7 34.1





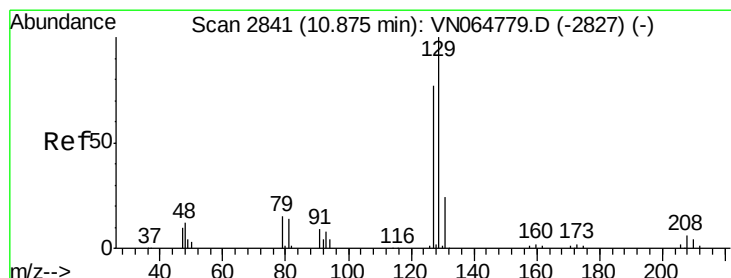
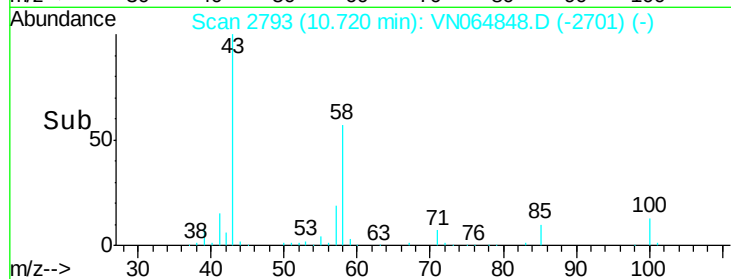
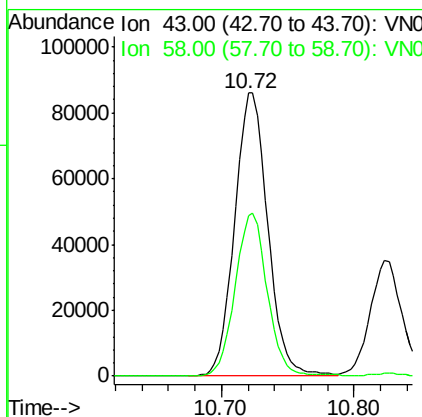
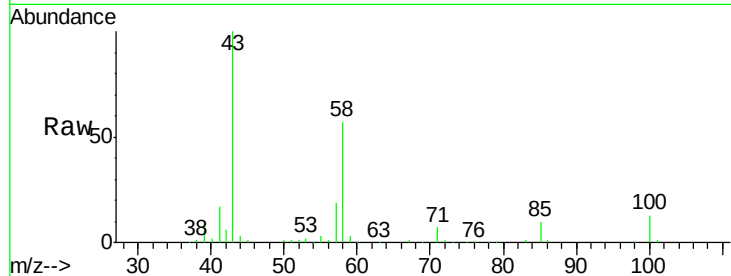
#59
2-Hexanone
Concen: 85.787 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	43	Resp	149513
Ion Ratio	100	Lower	Upper
58	55.8	28.3	84.9

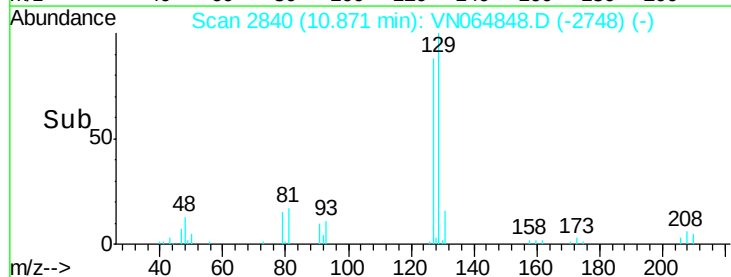
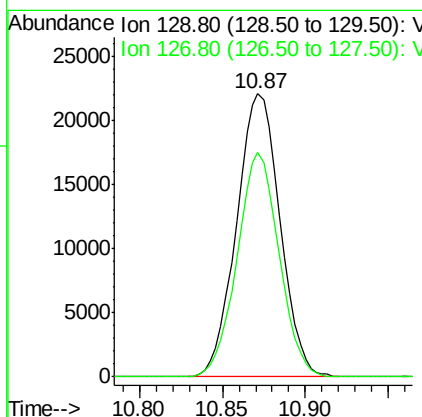
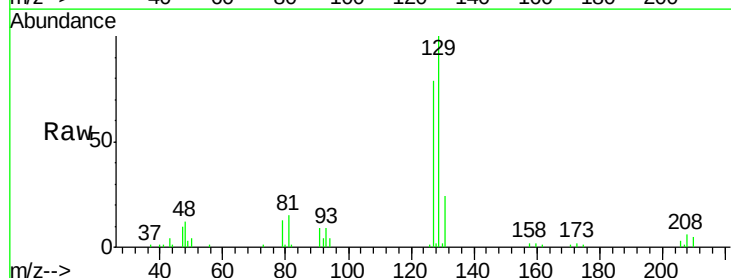
Manual Integrations
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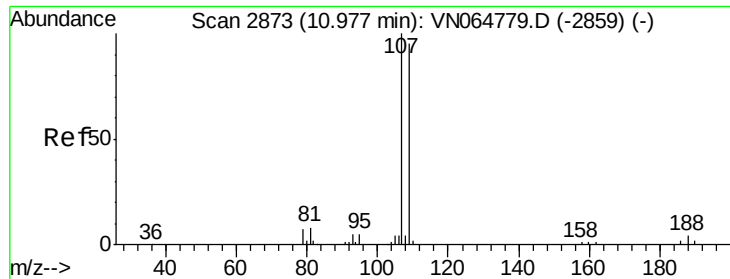
SAM
11/27/2020 1:37:20 PM



#60
Dibromochloromethane
Concen: 17.955 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion	129	Resp	40306
Ion Ratio	100	Lower	Upper
127	76.2	39.1	117.2





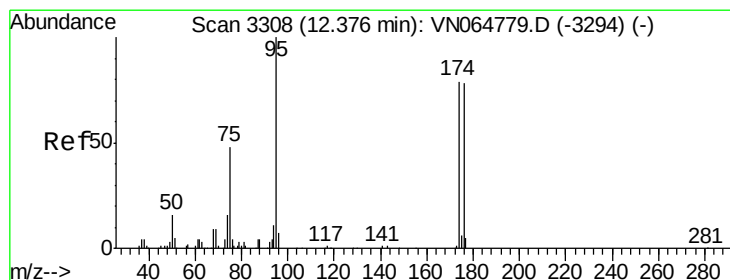
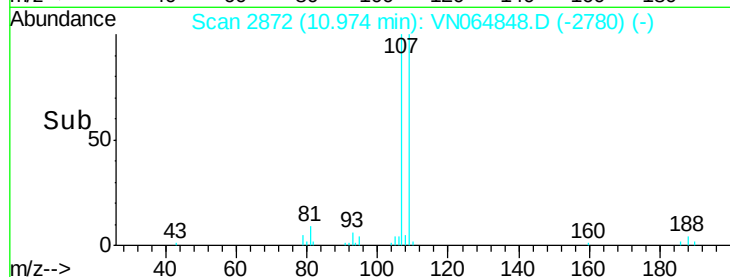
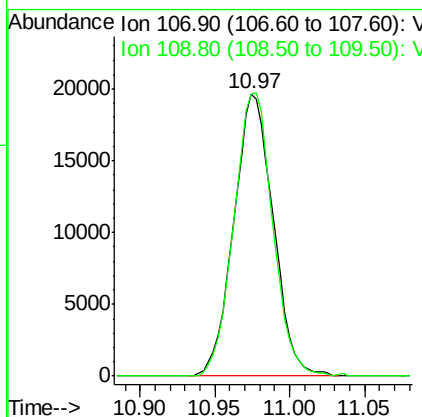
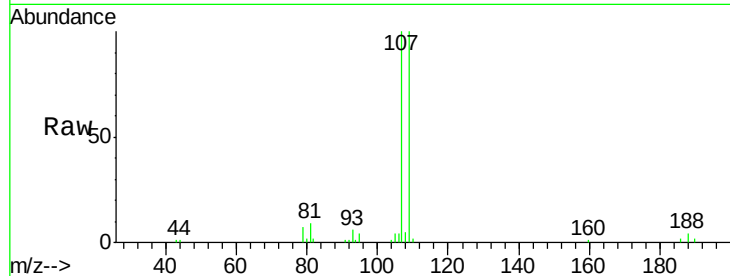
#61
 1,2-Dibromoethane
 Concen: 17.561 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion:107 Resp: 36032
 Ion Ratio Lower Upper
 107 100
 109 99.1 76.0 114.0

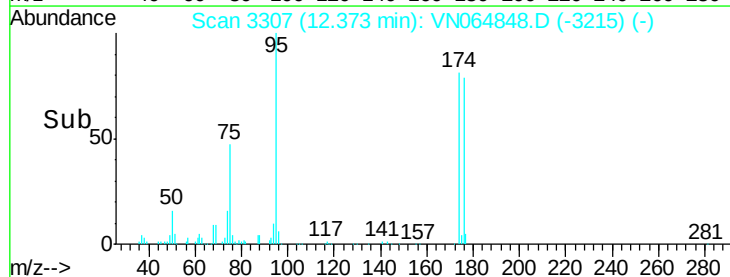
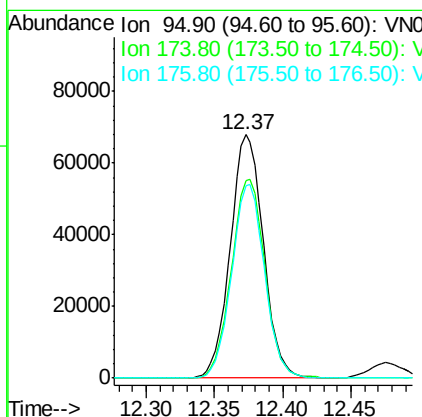
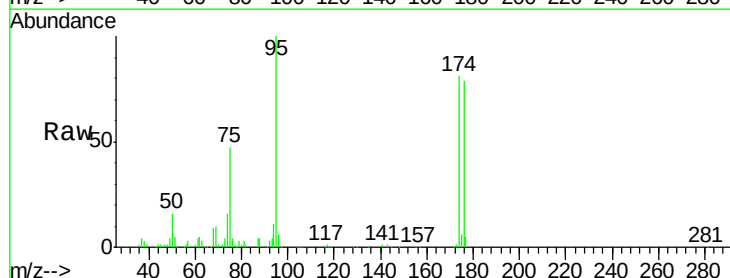
Manual Integrations
 APPROVED

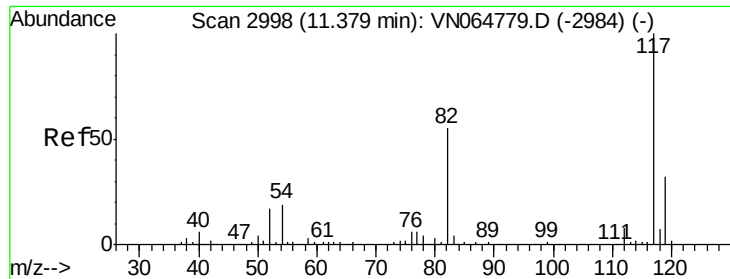
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#62
 4-Bromofluorobenzene
 Concen: 46.445 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion: 95 Resp: 114097
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 160.4
 176 79.3 0.0 158.4





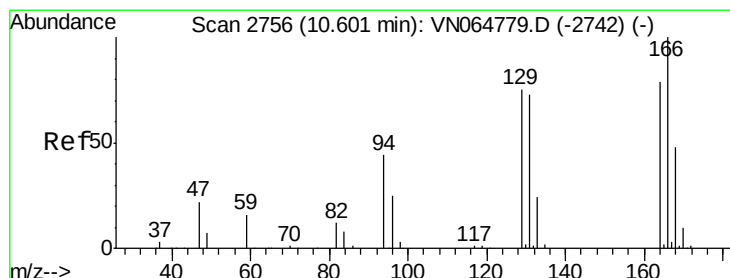
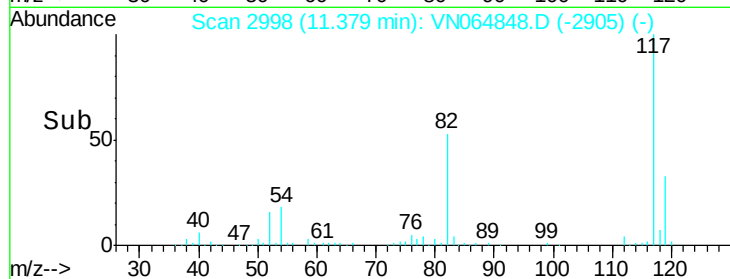
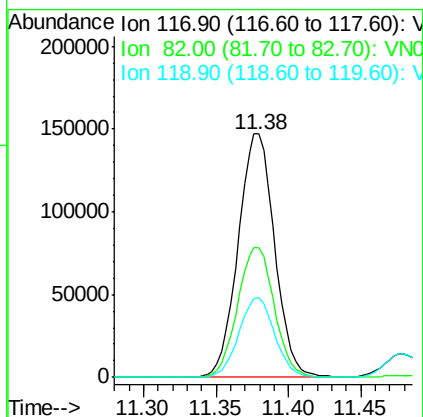
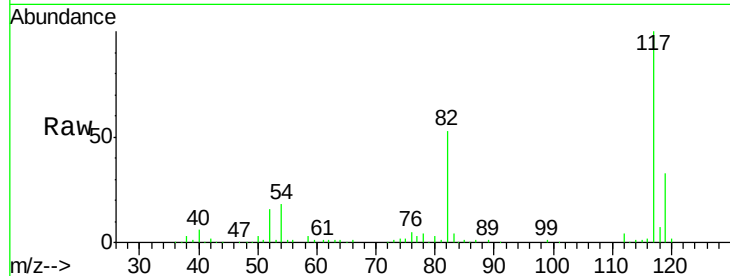
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	44.2	66.2
119	32.6	25.8	38.6

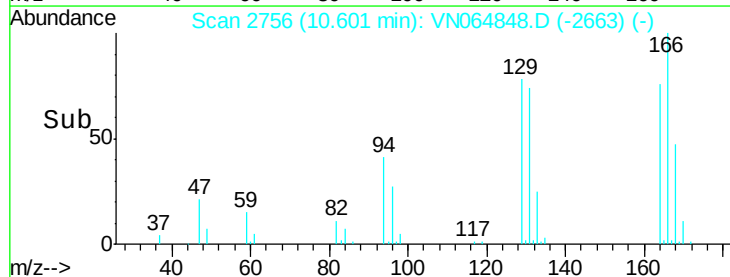
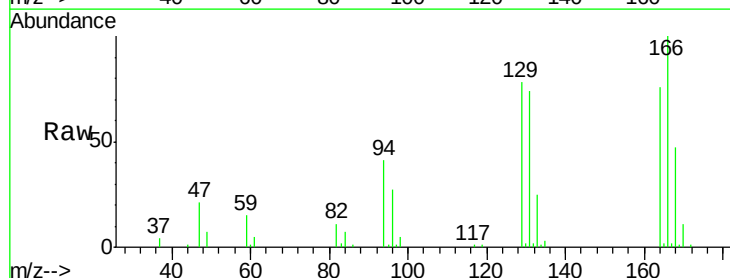
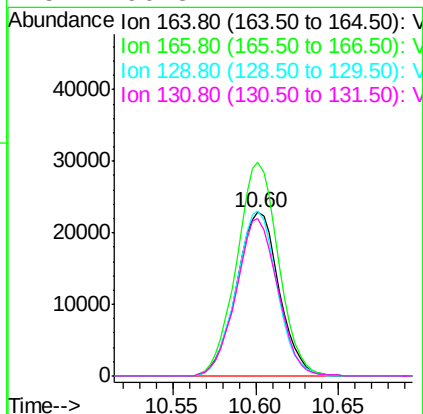
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APPROVED

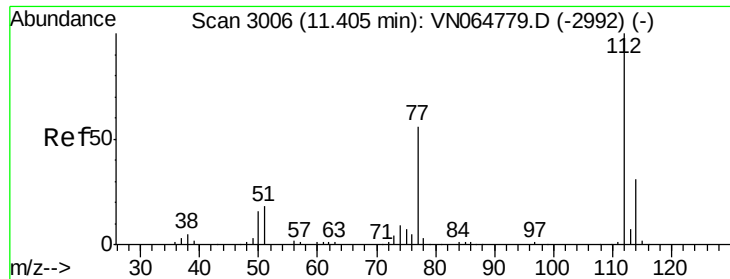
SAM
11/27/2020 1:37:20 PM



#64
Tetrachloroethene
Concen: 16.411 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	101.4	152.0
129	101.5	76.1	114.1
131	96.3	74.2	111.2





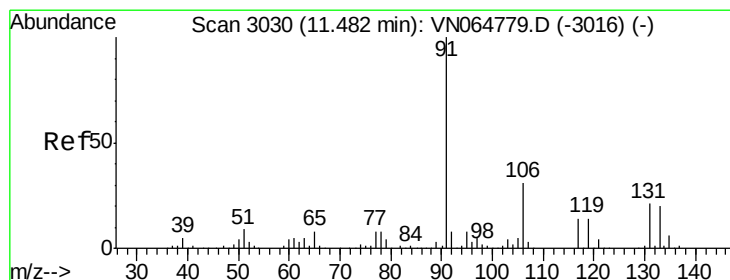
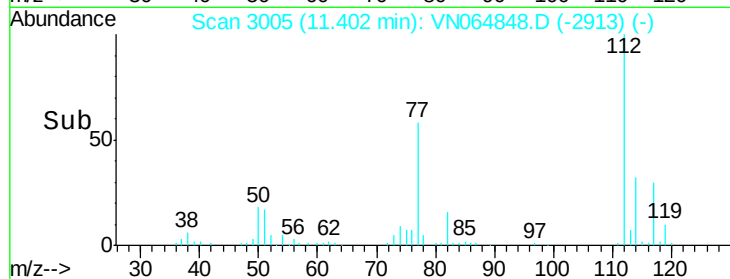
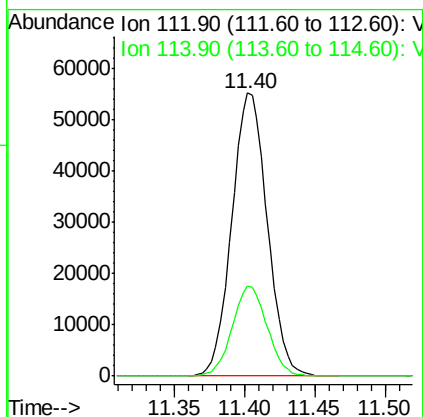
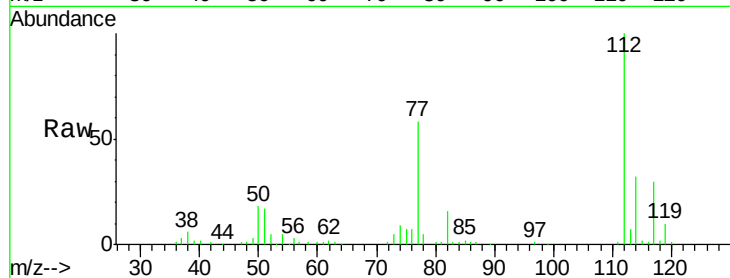
#65
Chlorobenzene
Concen: 17.601 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion:112 Resp: 97139
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7

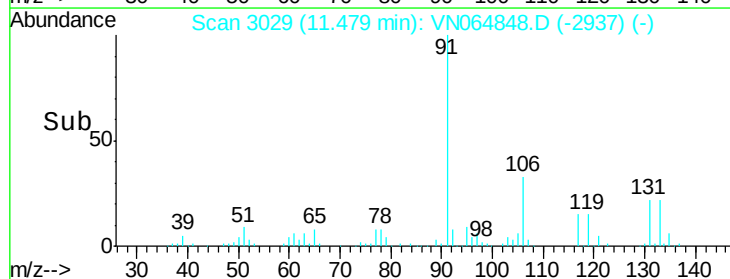
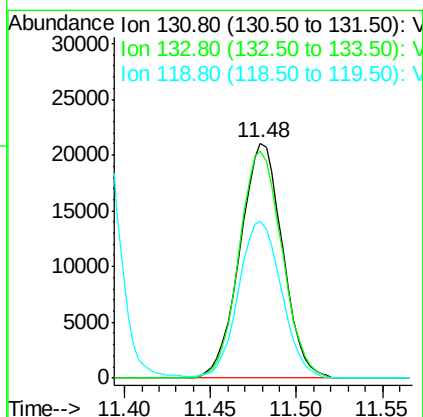
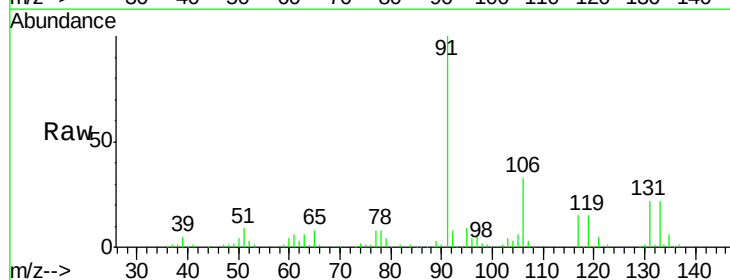
Manual Integrations
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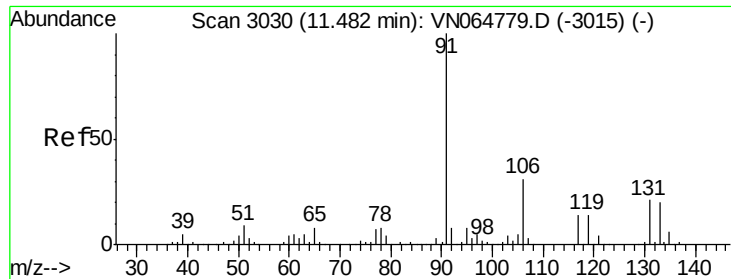
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.863 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion:131 Resp: 36230
Ion Ratio Lower Upper
131 100
133 97.7 47.5 142.5
119 67.7 33.3 99.8





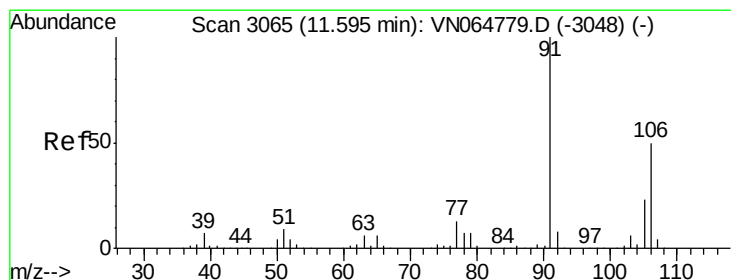
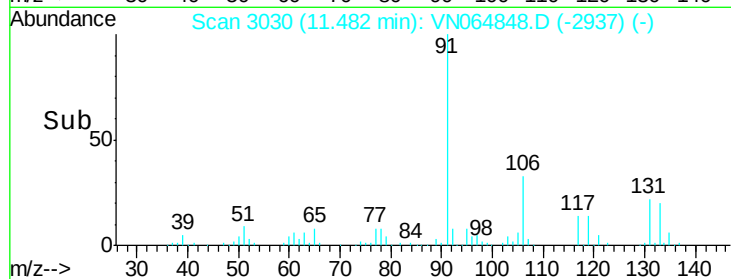
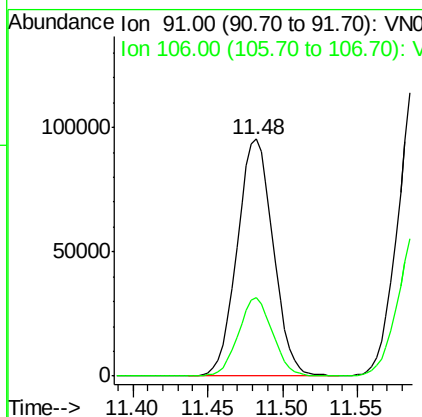
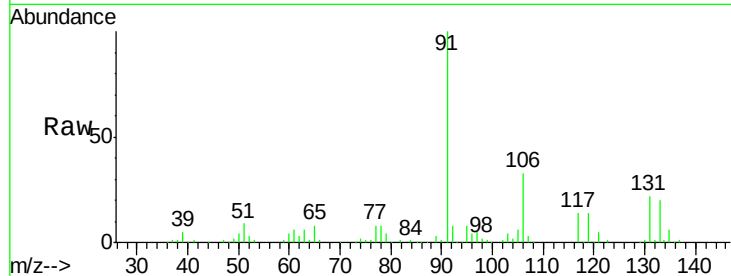
#67
Ethyl Benzene
Concen: 17.330 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion: 91 Resp: 159776
Ion Ratio Lower Upper
91 100
106 32.9 25.2 37.8

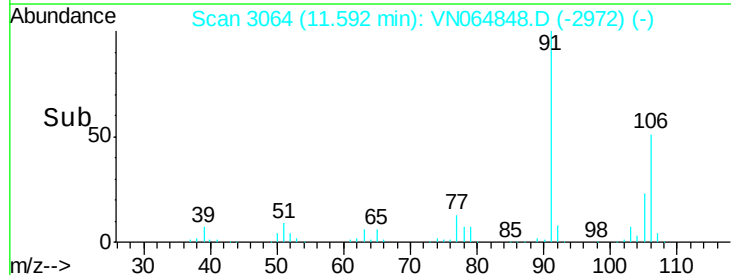
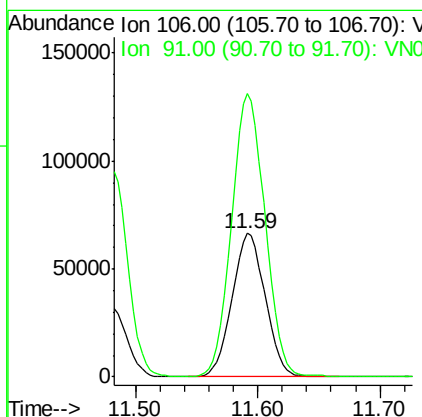
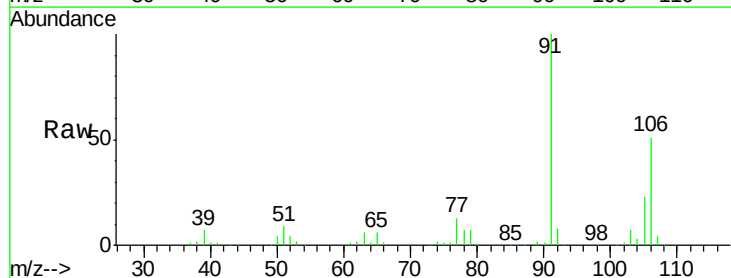
Manual Integrations
APPROVED

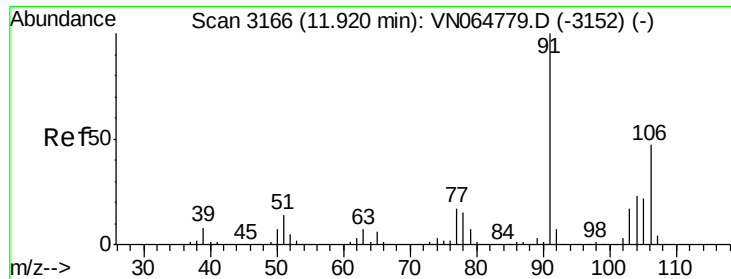
SAM
11/27/2020 1:37:20 PM



#68
m/p-Xylenes
Concen: 35.925 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 106 Resp: 125402
Ion Ratio Lower Upper
106 100
91 199.3 161.0 241.4





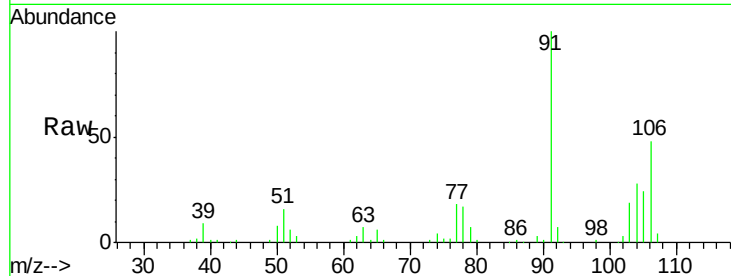
#69
o-Xylene
Concen: 17.995 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

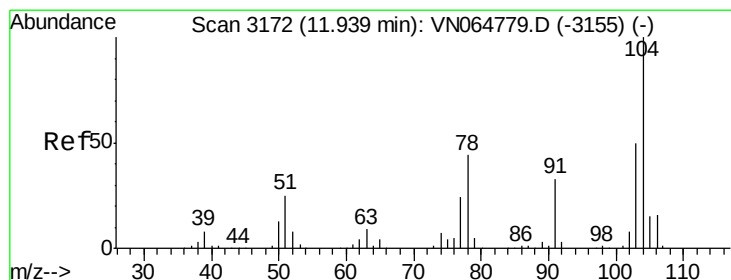
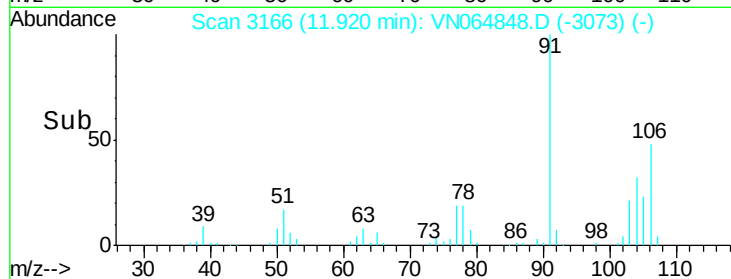
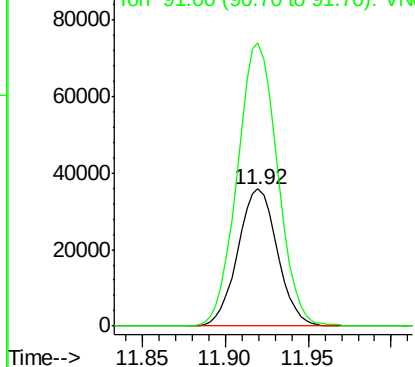
Tot Ion:106 Resp: 59608
Ion Ratio Lower Upper
106 100
91 209.3 105.5 316.5

Manual Integrations
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SAM
11/27/2020 1:37:20 PM

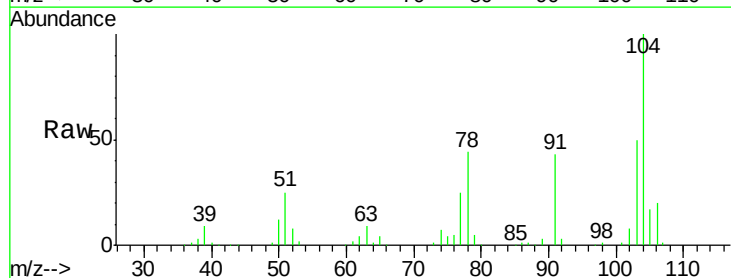


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

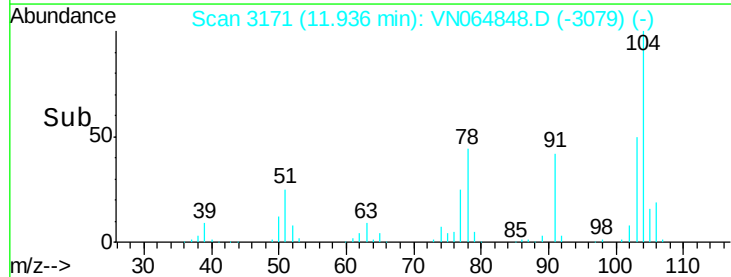
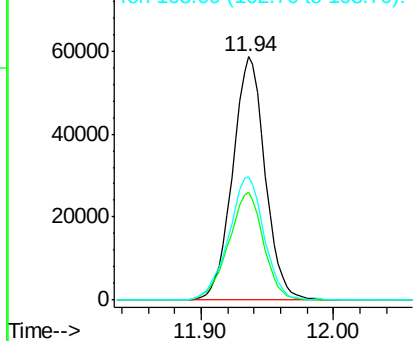


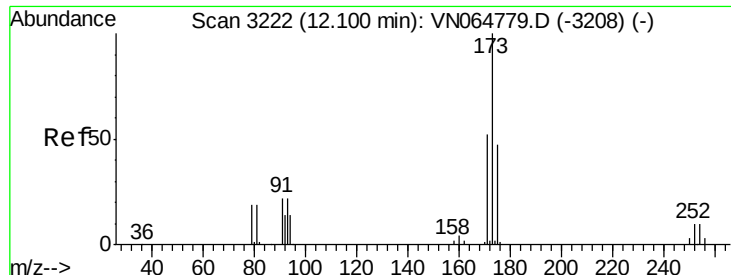
#70
Styrene
Concen: 17.834 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion:104 Resp: 99726
Ion Ratio Lower Upper
104 100
78 47.7 39.0 58.6
103 55.1 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





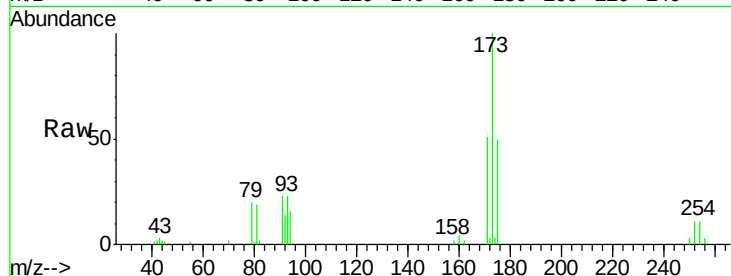
#71
Bromoform
Concen: 16.547 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations
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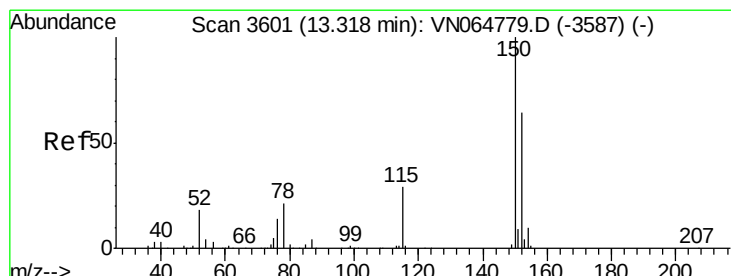
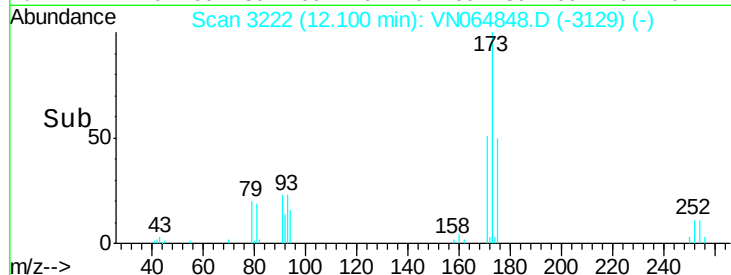
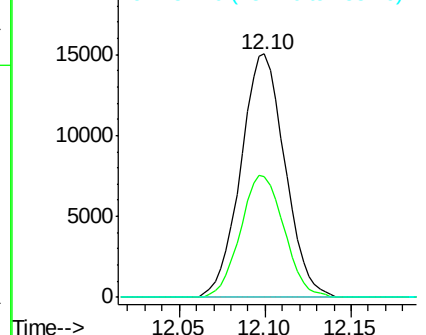


Abundance

Ion 172.70 (172.40 to 173.40): V

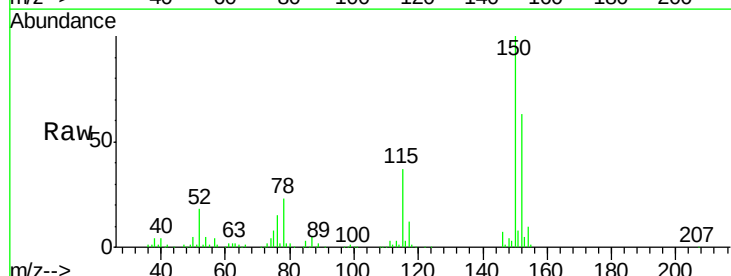
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.7	89.1
150	161.4	0.0	350.6

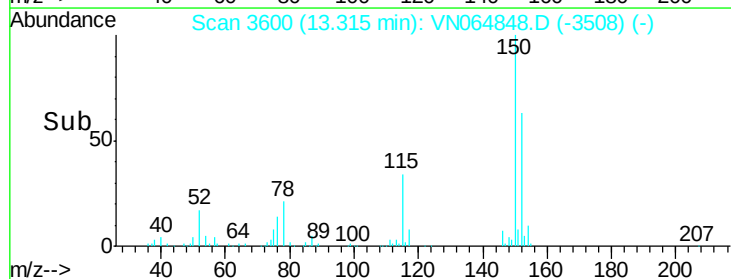
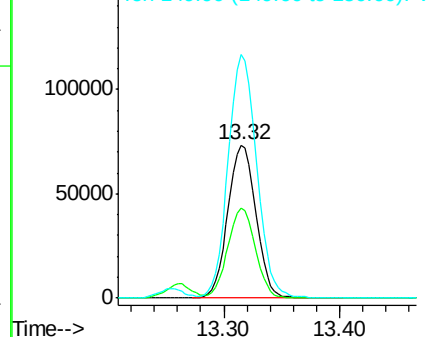


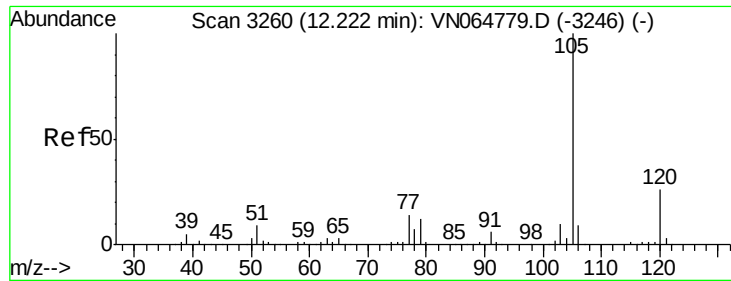
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





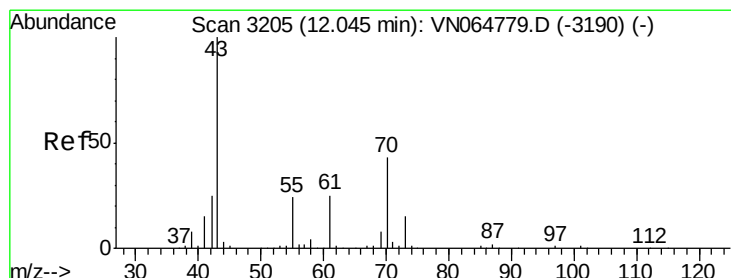
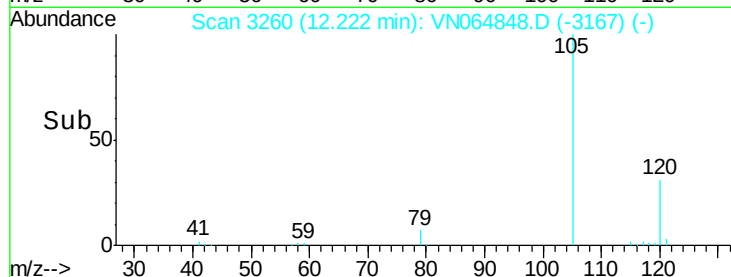
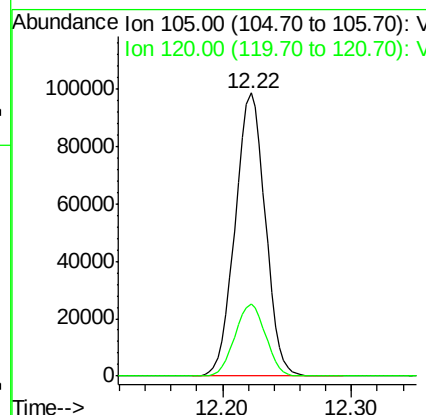
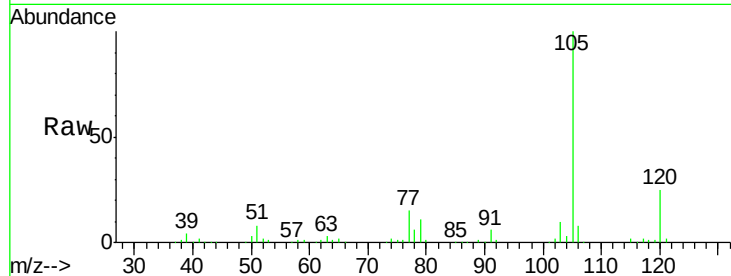
#73
Isopropylbenzene
Concen: 18.684 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.3	39.9

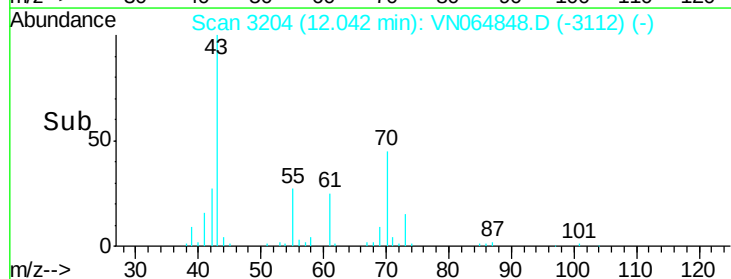
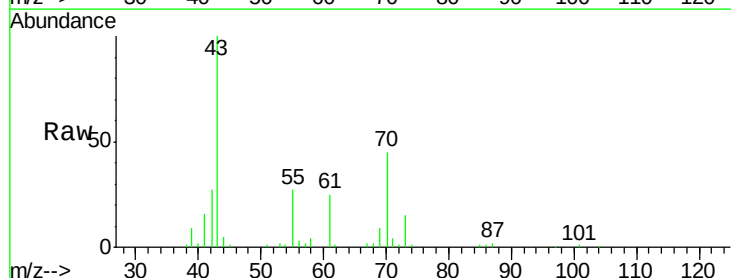
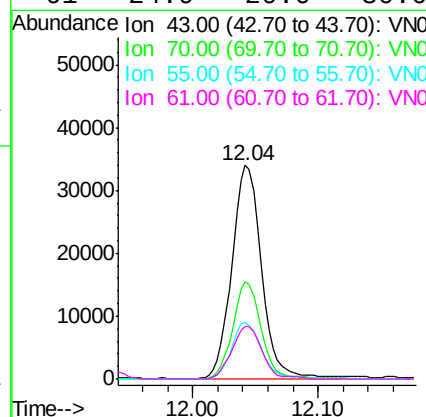
Manual Integrations
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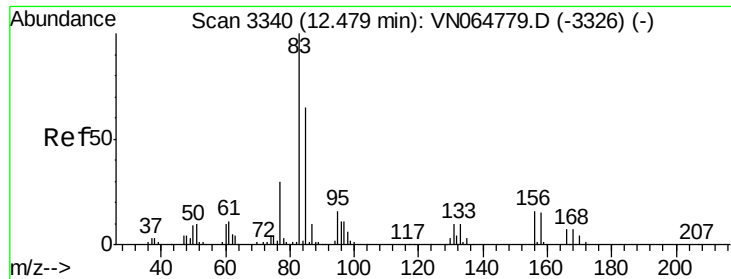
SAM
11/27/2020 1:37:20 PM



#74
N-ethyl acetate
Concen: 16.696 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.3	34.5	51.7
55	26.7	20.4	30.6
61	24.9	20.0	30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.892 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

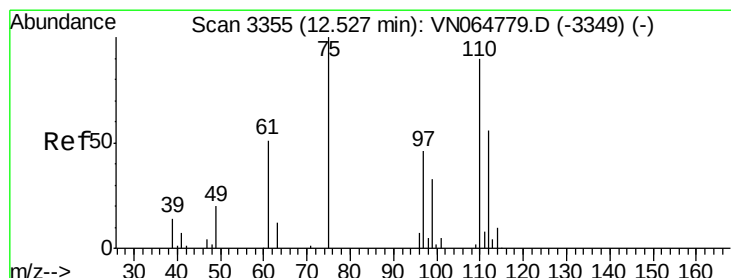
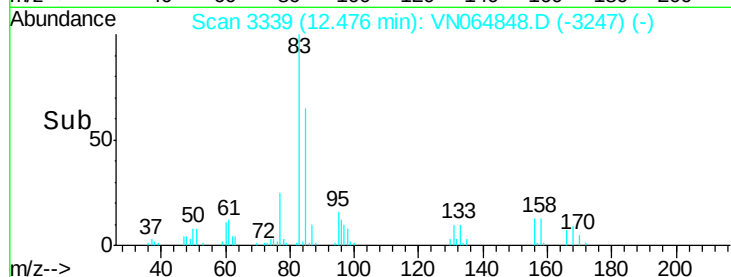
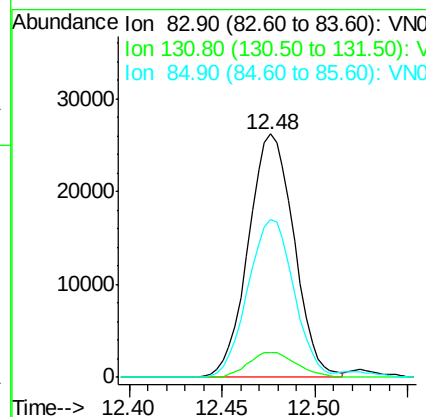
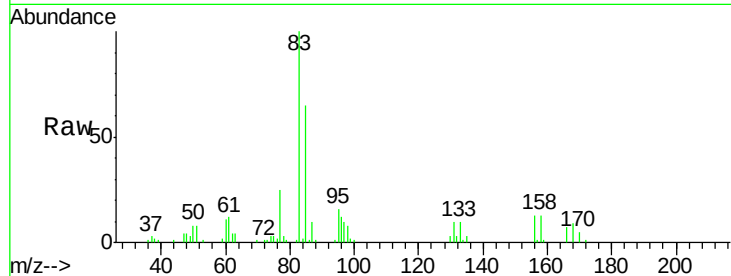
VN1125WBSD01

Tot Ion:	83	Resp:	44811
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.3
85	65.2	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 17.329 ug/l m

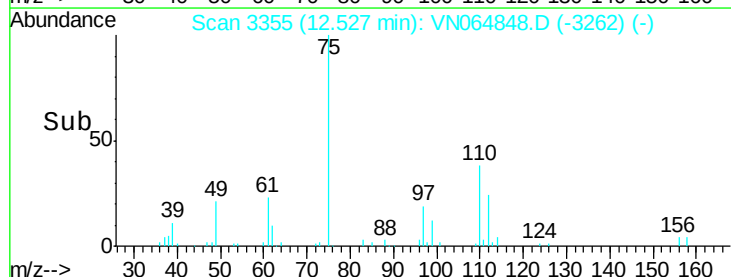
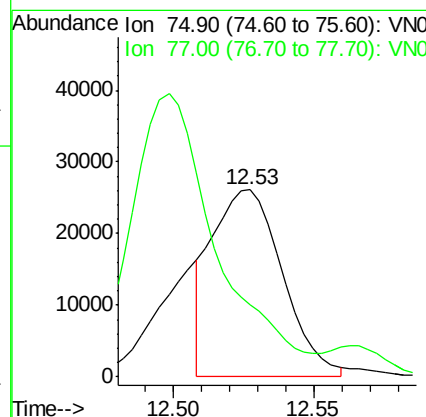
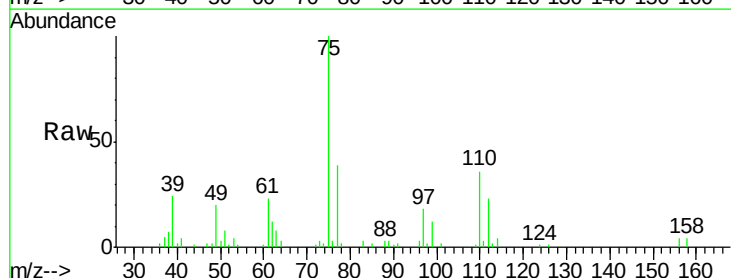
RT: 12.53 min Scan# 3355

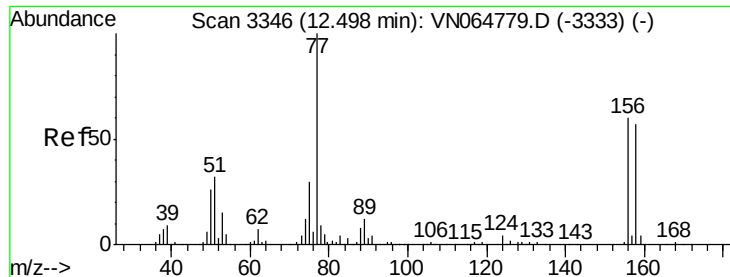
Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Tgt Ion:	75	Resp:	45846
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.008 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

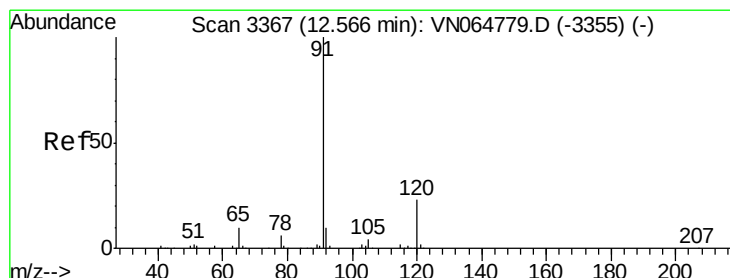
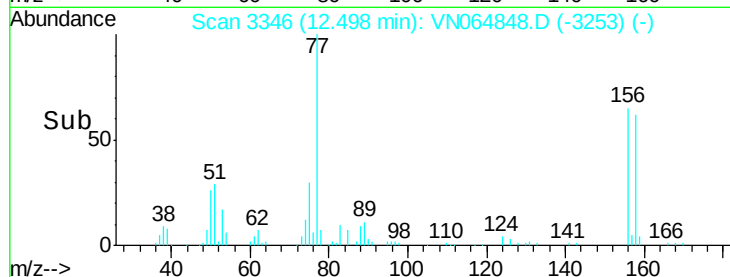
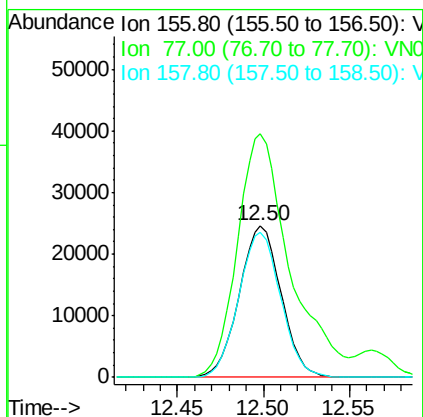
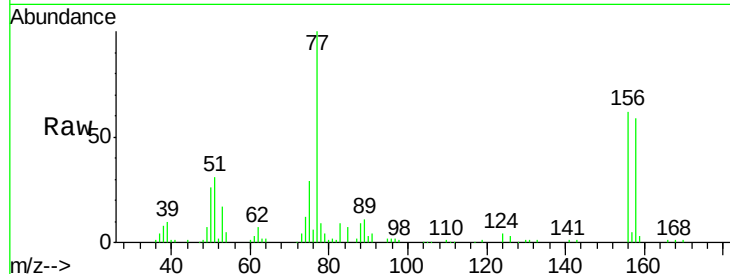
VN1125WBSD01

Tot Ion	156	Resp	41484
Ion Ratio	Lower	Upper	
156	100		
77	202.6	101.3	303.7
158	96.0	48.2	144.6

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#78

n-propylbenzene

Concen: 18.252 ug/l

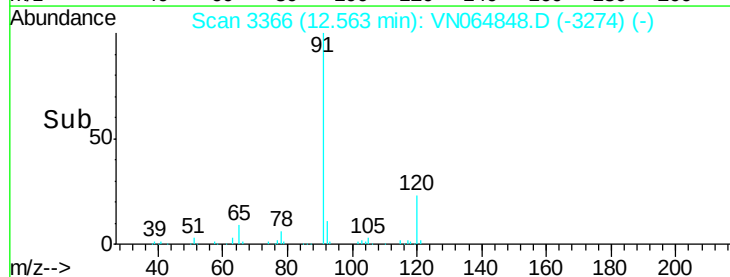
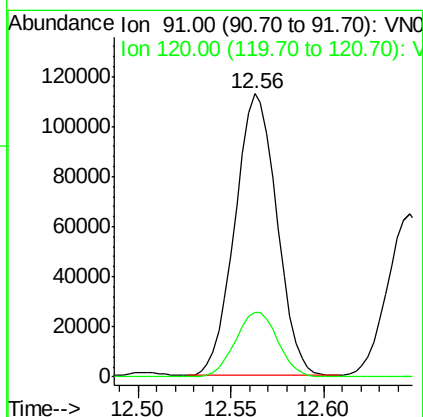
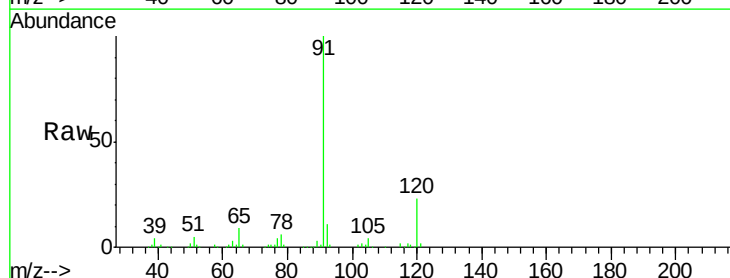
RT: 12.56 min Scan# 3366

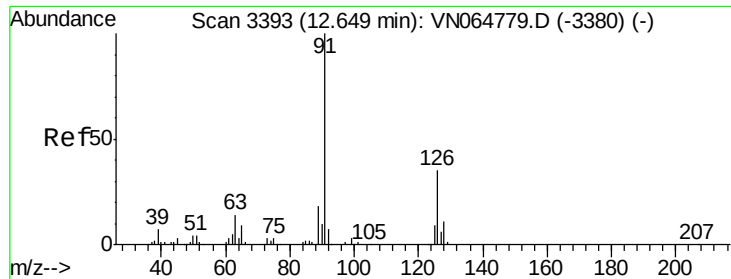
Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Tgt Ion	91	Resp	177675
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.6	34.7





#79

2-Chlorotoluene

Concen: 17.909 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion: 91 Resp: 107763

Ion Ratio Lower Upper

91 100

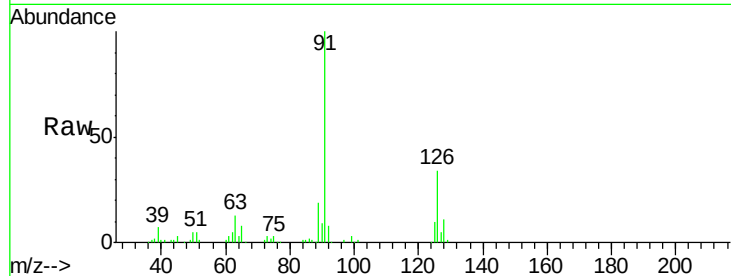
126 34.8 17.2 51.6

Manual Integrations

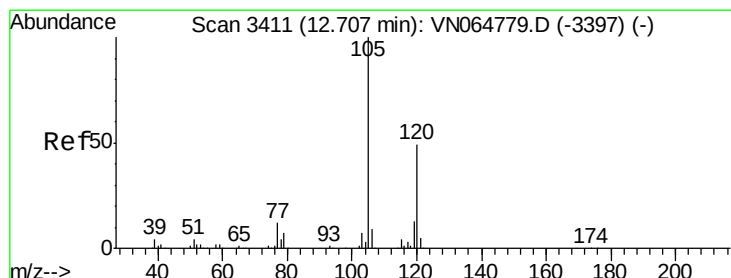
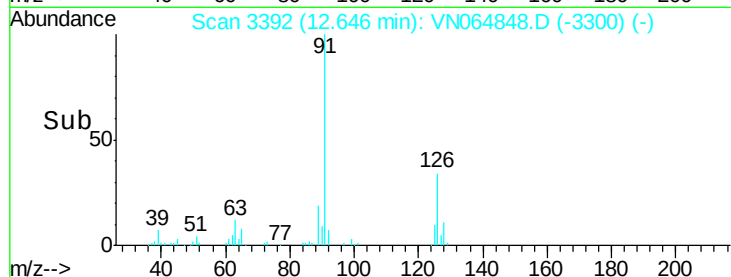
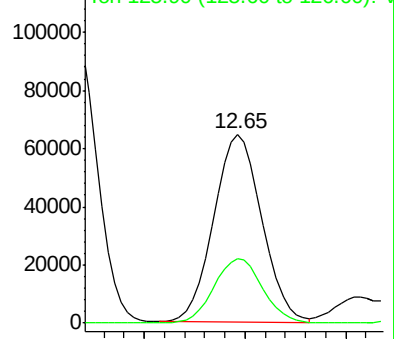
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Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.900 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064848.D

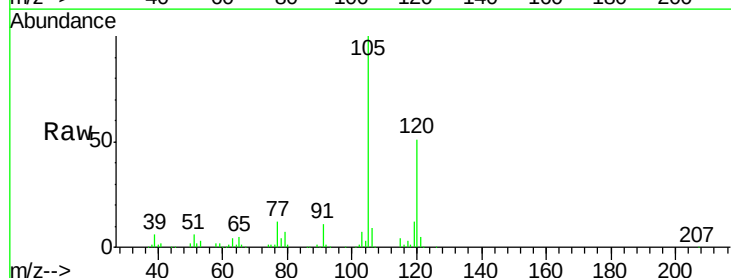
Acq: 25 Nov 2020 11:28

Tgt Ion: 105 Resp: 134236

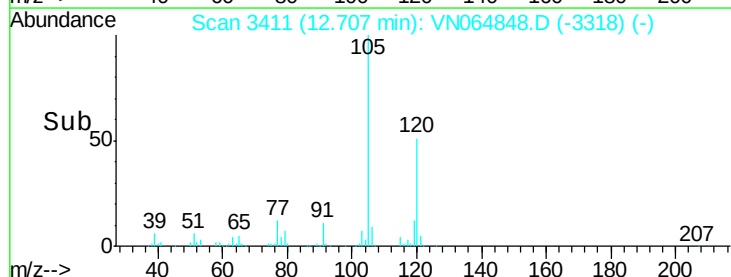
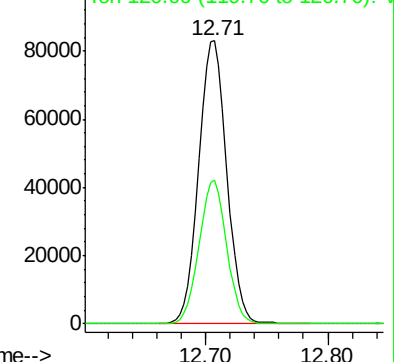
Ion Ratio Lower Upper

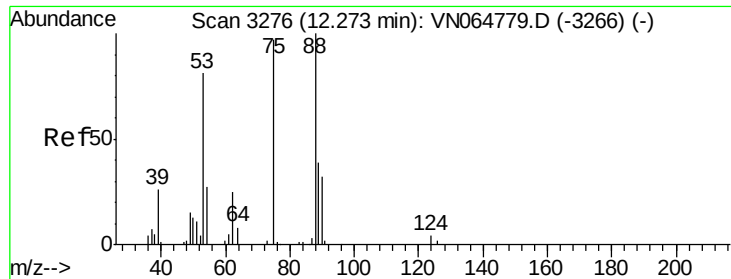
105 100

120 49.7 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)





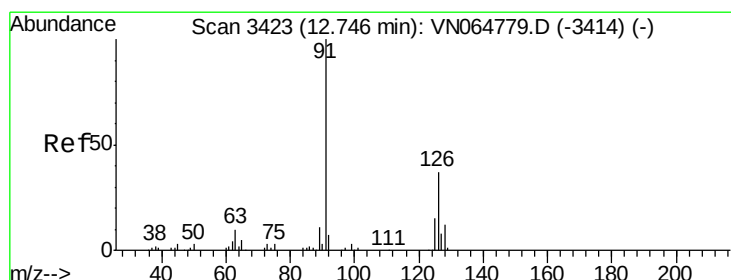
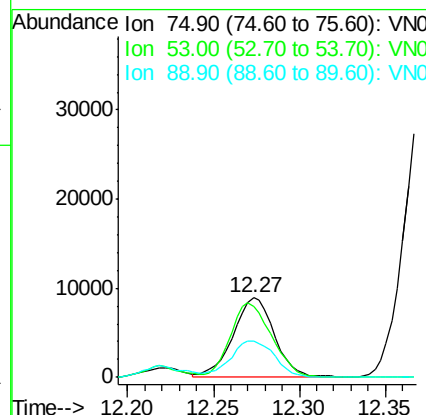
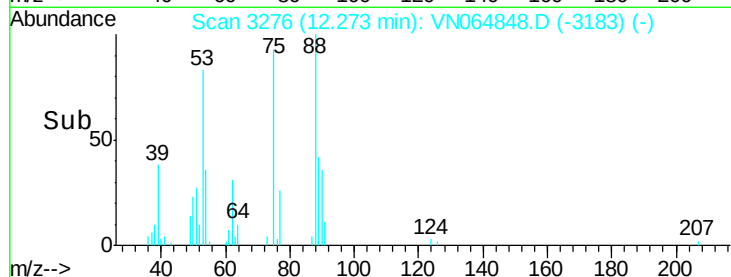
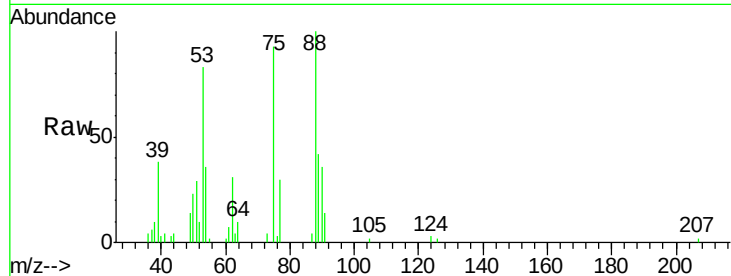
#81
trans-1,4-Dichloro-2-butene
Concen: 15.509 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.7	67.0	100.4
89	48.5	39.6	59.4

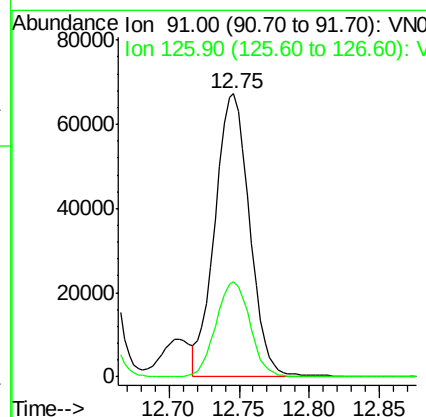
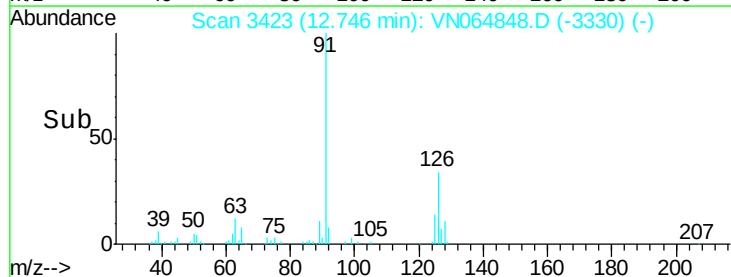
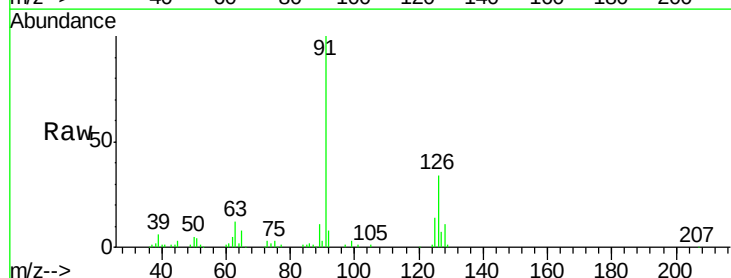
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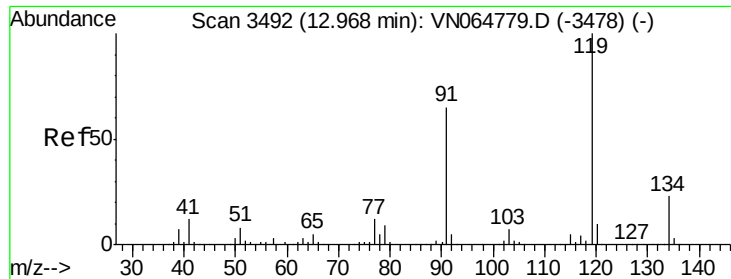
SAM
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#82
4-Chlorotoluene
Concen: 18.092 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.9	50.7





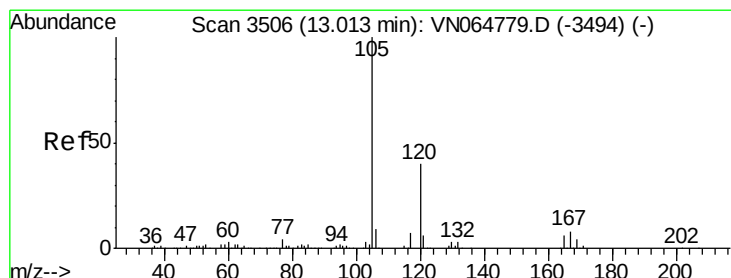
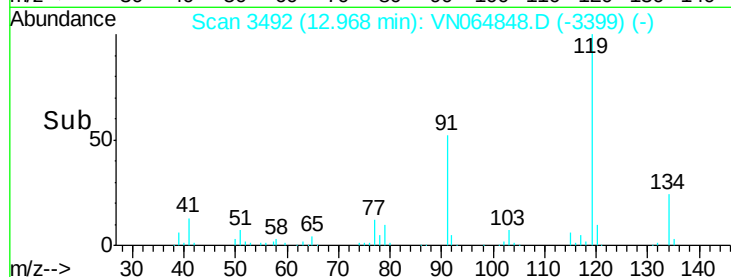
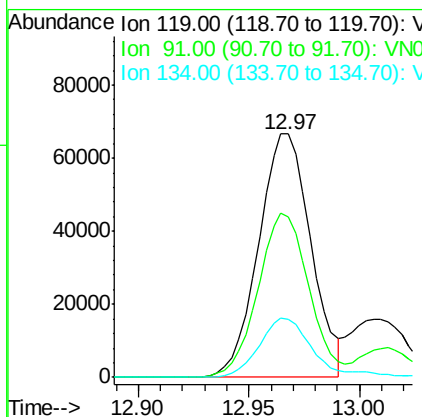
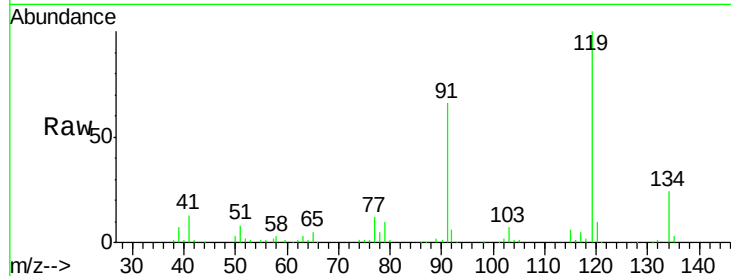
#83
 tert-Butylbenzene
 Concen: 18.339 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	32.3	96.8
134	25.3	12.6	37.6

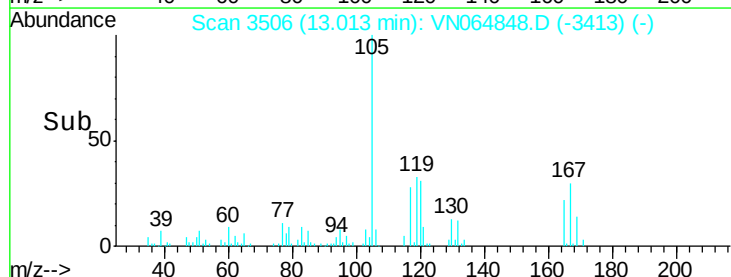
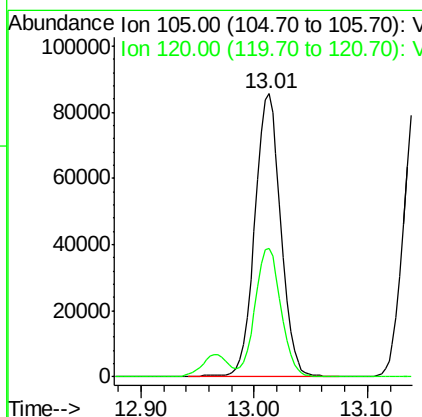
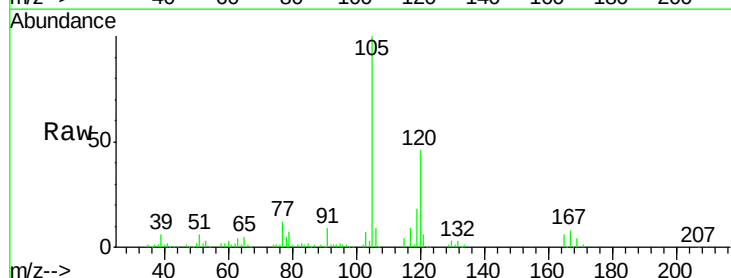
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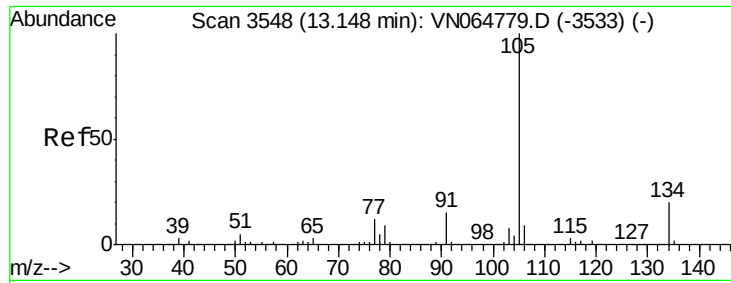
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.054 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 18.512 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tot Ion:105 Resp: 146325

Ion Ratio Lower Upper

105 100

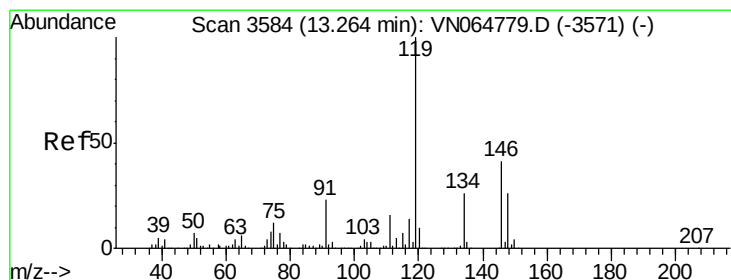
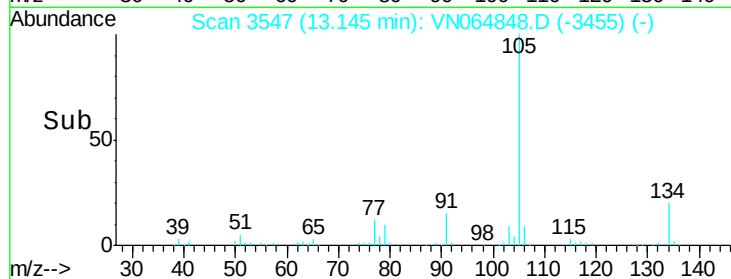
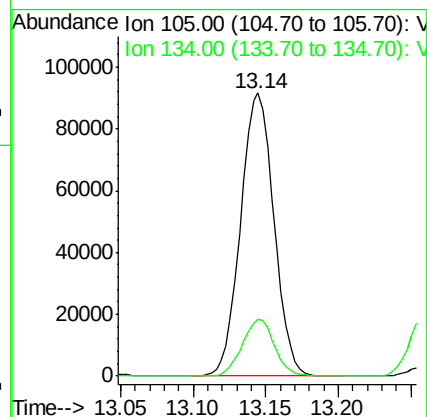
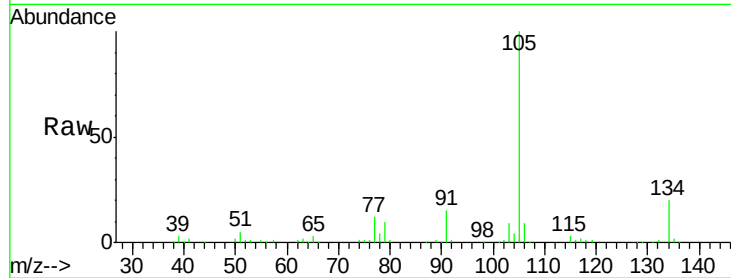
134 19.3 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.894 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

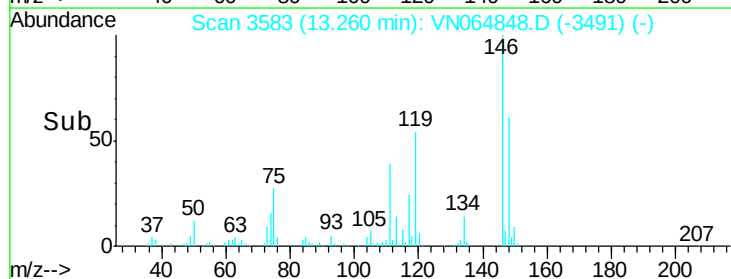
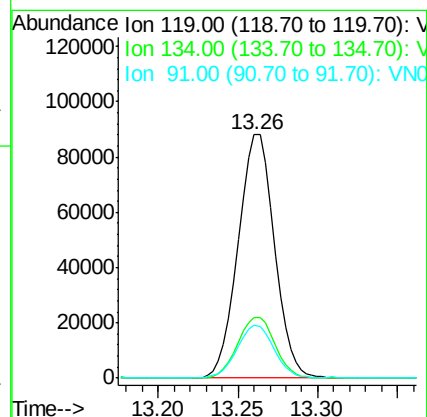
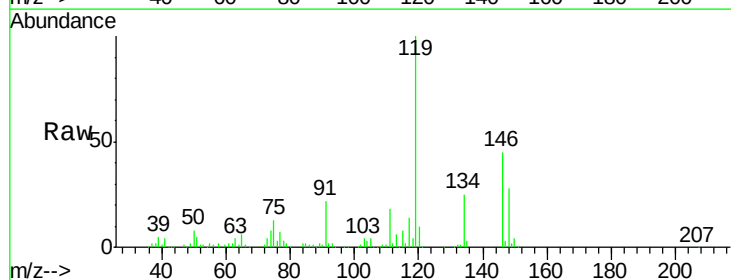
Tgt Ion:119 Resp: 135968

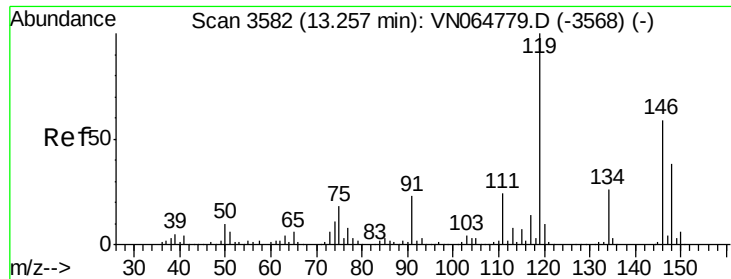
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

91 22.2 11.5 34.5





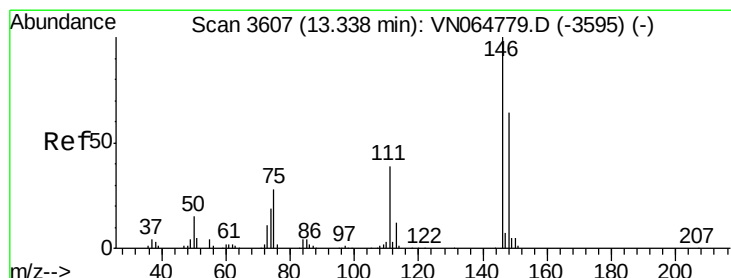
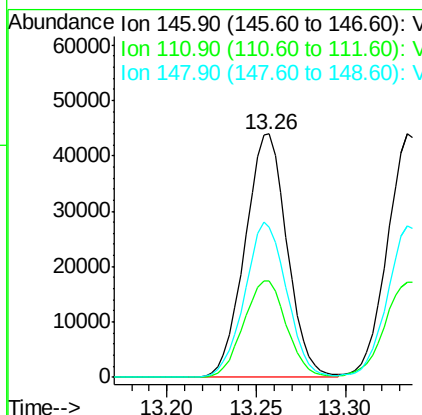
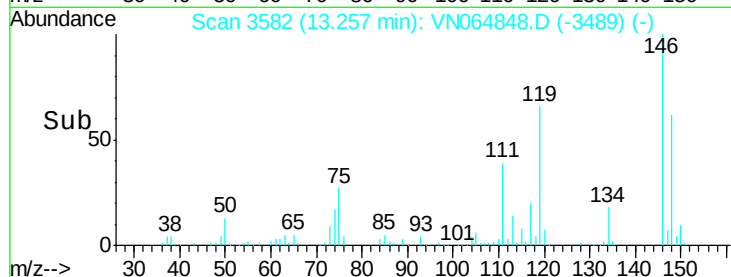
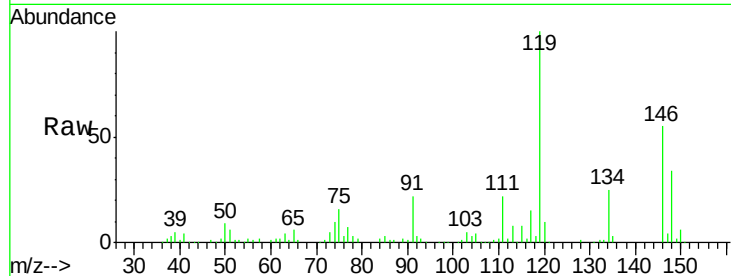
#87
 1,3-Dichlorobenzene
 Concen: 17.747 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.9
148	63.2	31.9	95.5

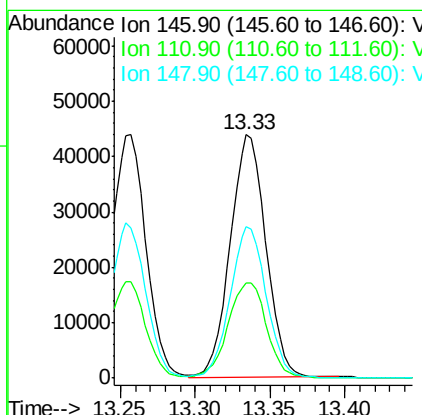
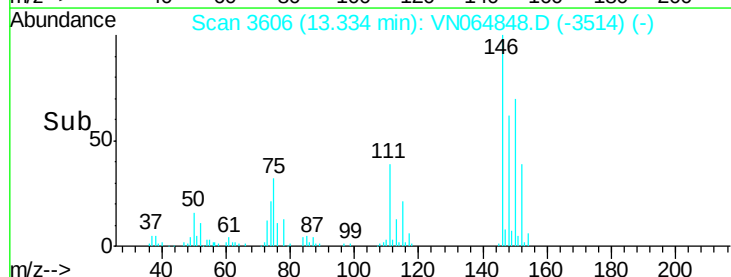
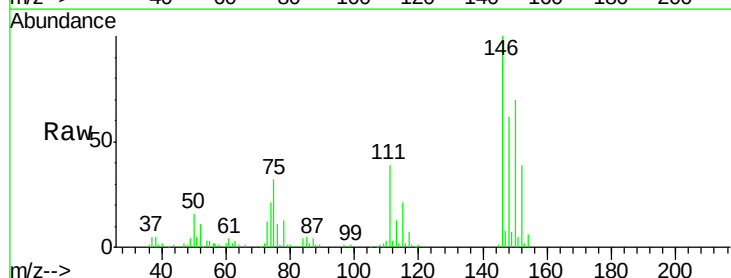
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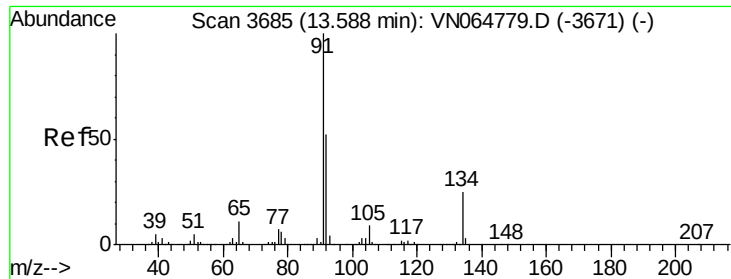
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#88
 1,4-Dichlorobenzene
 Concen: 16.794 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	19.8	59.3
148	63.4	31.9	95.5





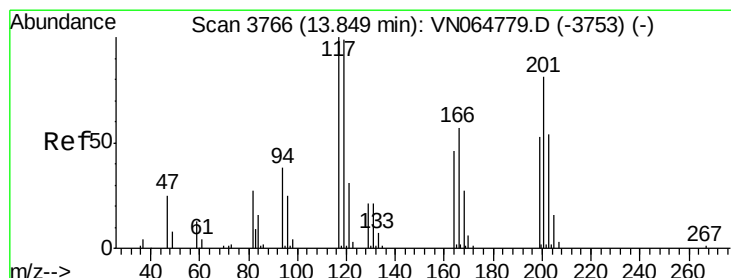
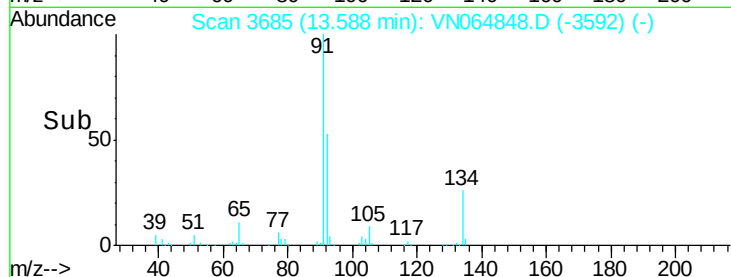
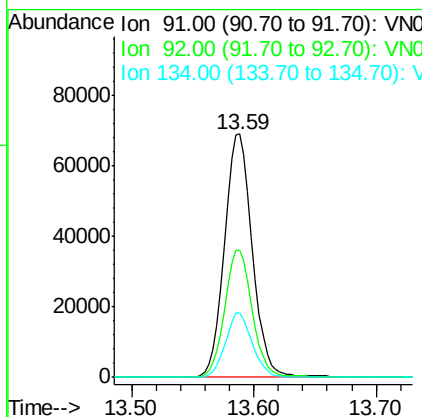
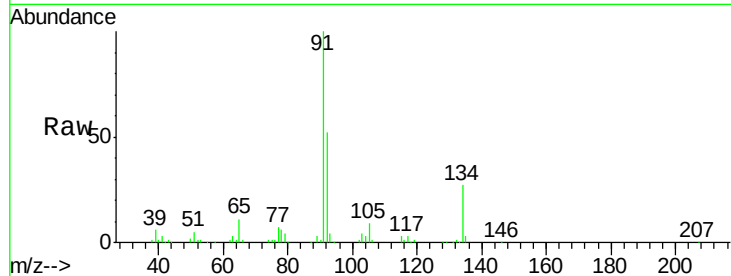
#89
n-Butylbenzene
Concen: 17.533 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.0	78.0
134	25.4	12.9	38.6

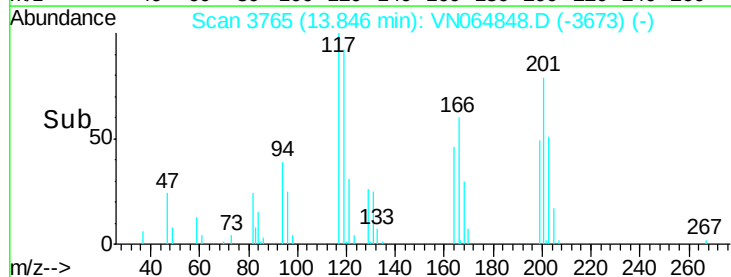
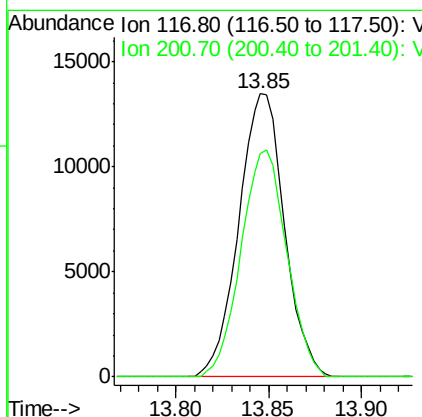
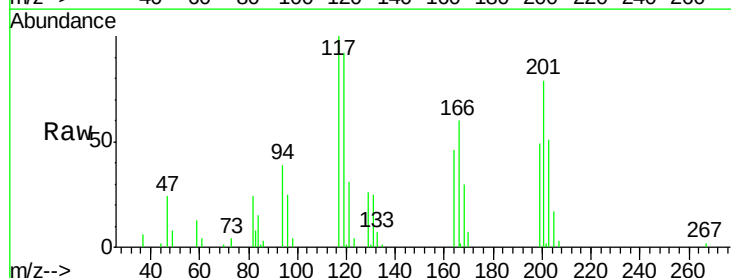
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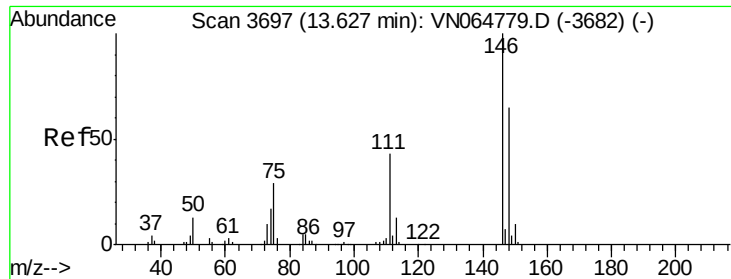
SAM
11/27/2020 1:37:20 PM



#90
Hexachloroethane
Concen: 18.412 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.0	40.1	120.3





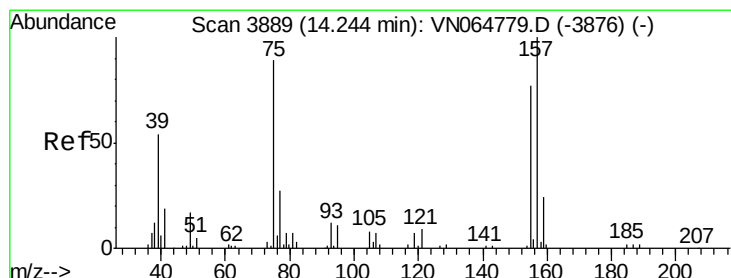
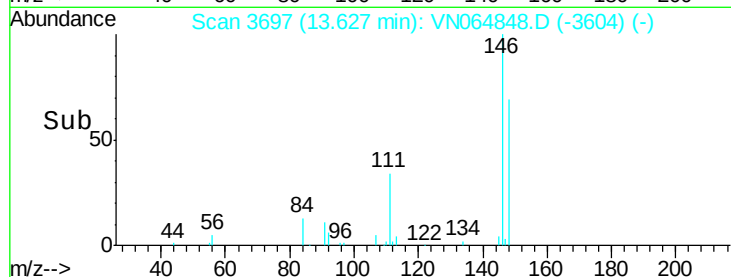
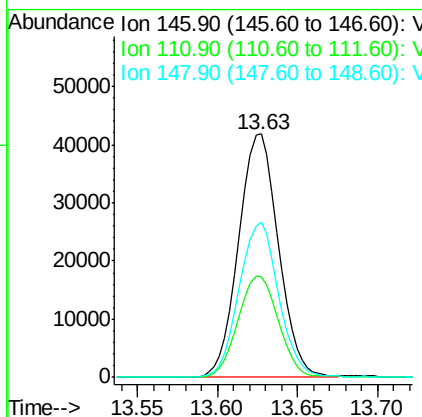
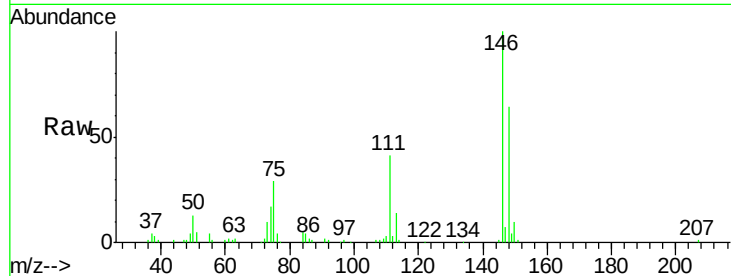
#91
 1,2-Dichlorobenzene
 Concen: 17.678 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.1
148	63.2	32.0	96.2

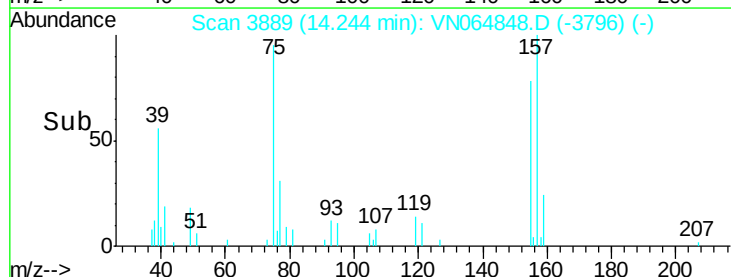
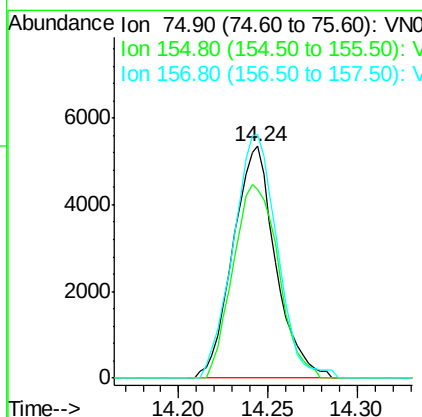
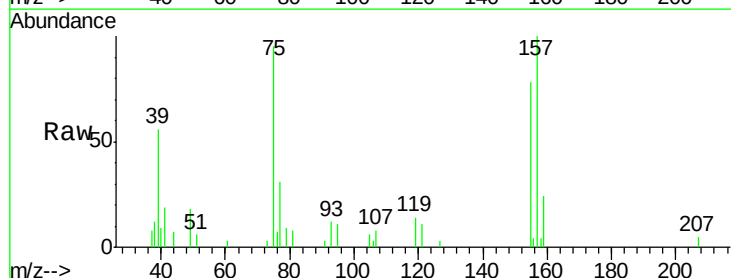
Manual Integrations
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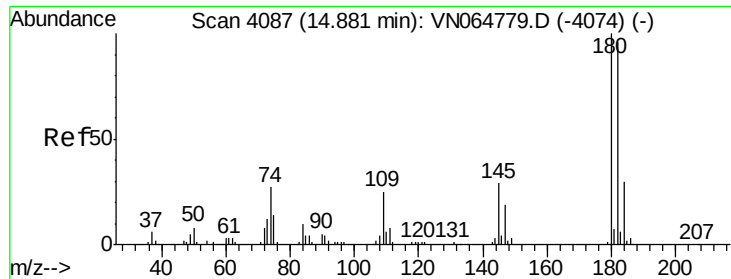
SAM
 11/27/2020 1:37:20 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.837 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	42.8	128.3
157	108.2	56.4	169.1





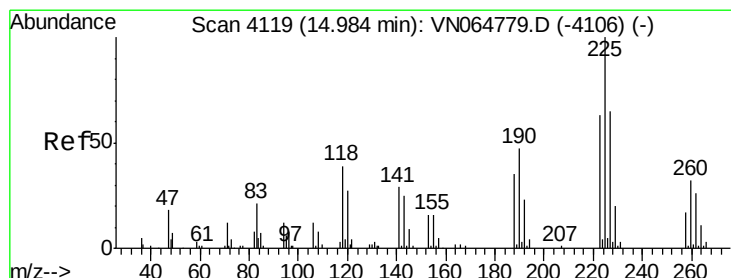
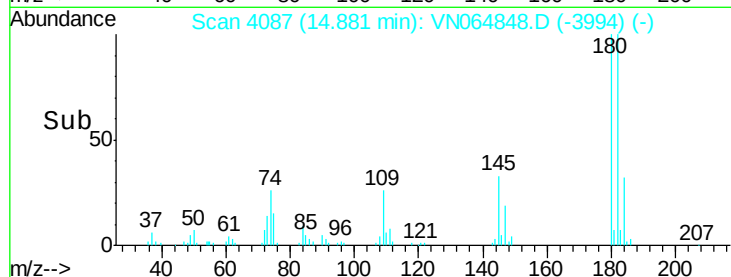
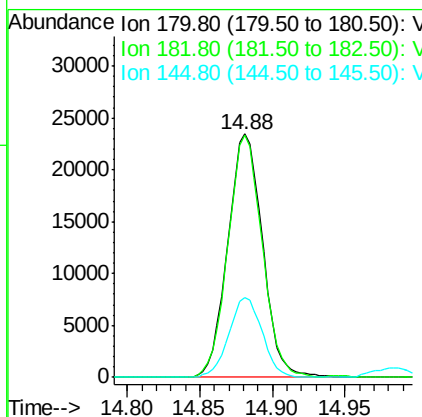
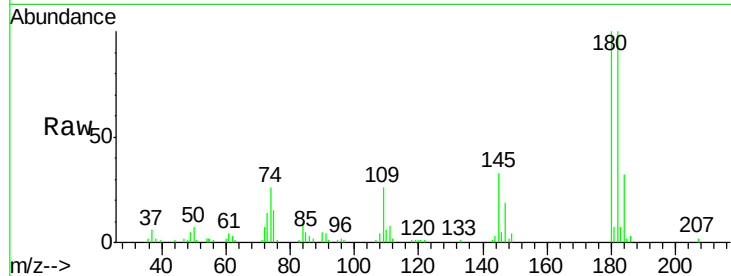
#93
 1,2,4-Trichlorobenzene
 Concen: 15.726 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.6	142.9
145	31.3	15.3	45.8

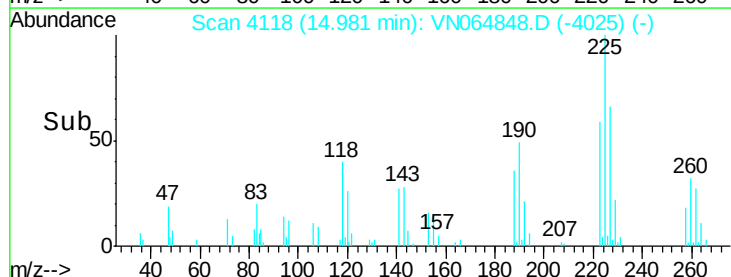
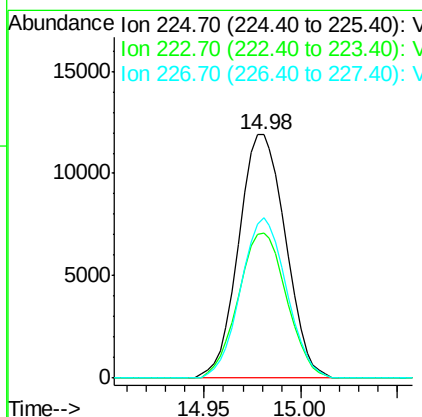
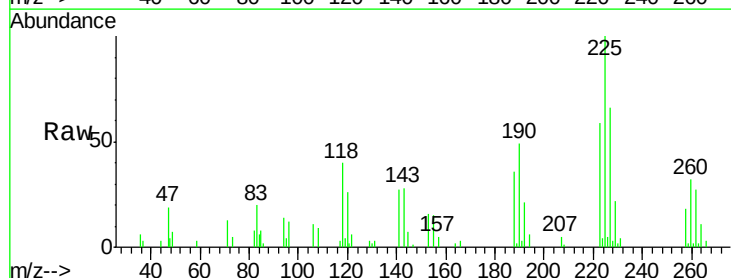
Manual Integrations
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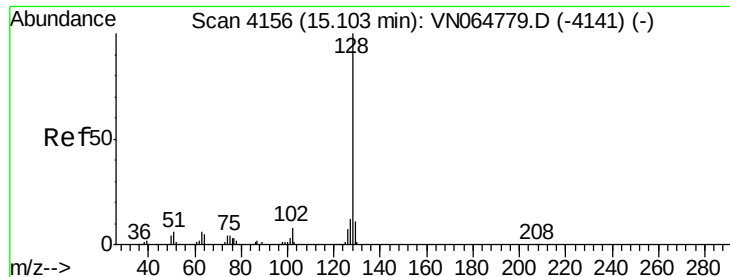
SAM
 11/27/2020 1:37:20 PM



#94
 Hexachlorobutadiene
 Concen: 18.154 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.0	93.0
227	64.3	32.0	96.0





#95

Naphthalene

Concen: 15.304 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

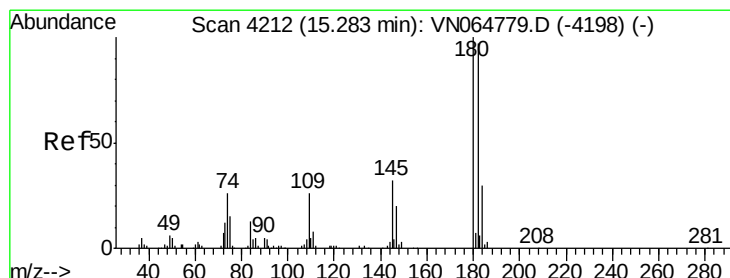
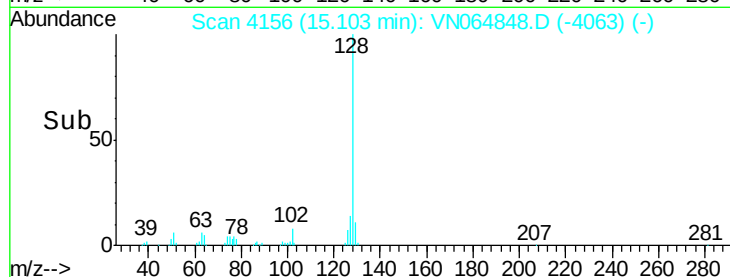
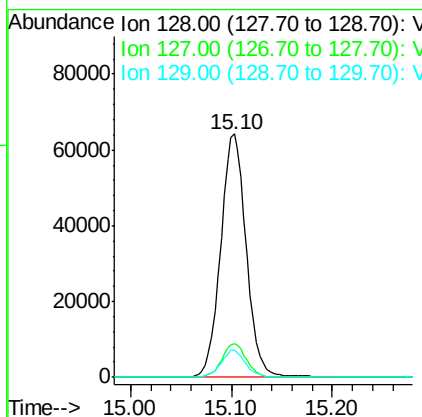
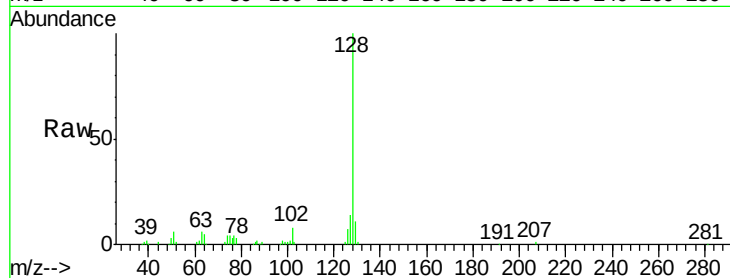
VN1125WBSD01

Tot Ion:	128	Resp:	113982
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.5	8.7	13.1

Manual Integrations
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SAM

11/27/2020 1:37:20 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.662 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Tgt Ion:	180	Resp:	39540
Ion Ratio	Lower	Upper	
180	100		
182	94.1	48.1	144.4
145	31.0	16.4	49.1

