

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\
 Data File : VN059928.D
 Acq On : 30 Jan 2020 15:00
 Operator : JC/MD
 Sample : VN0130WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:40:47 AM

Quant Time: Jan 30 17:06:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	180905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	279278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	254931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	102664	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
35) Dibromofluoromethane	7.57	113	85045	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.08	98	321029	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	115715	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	35998	16.528	ug/l	100
3) Chloromethane	2.04	50	35451	17.117	ug/l	97
4) Vinyl Chloride	2.17	62	45430	19.171	ug/l	95
5) Bromomethane	2.55	94	26811	18.539	ug/l	98
6) Chloroethane	2.69	64	21138	18.854	ug/l	99
7) Trichlorofluoromethane	3.00	101	53702	18.870	ug/l	99
8) Diethyl Ether	3.39	74	19342	19.366	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	31805	20.080	ug/l	94
10) Methyl Iodide	3.93	142	43809	17.111	ug/l	95
11) Tert butyl alcohol	4.73	59	32508	96.120	ug/l	96
12) 1,1-Dichloroethene	3.72	96	30048	18.155	ug/l	88
13) Acrolein	3.58	56	12726	53.156	ug/l	97
14) Allyl chloride	4.29	41	46867	21.008	ug/l #	93
15) Acrylonitrile	4.94	53	76128	98.679	ug/l	99
16) Acetone	3.78	43	76950	106.557	ug/l	96
17) Carbon Disulfide	4.03	76	75912	16.101	ug/l	100
18) Methyl Acetate	4.29	43	47016	20.035	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	109798	20.347	ug/l	97
20) Methylene Chloride	4.52	84	36294	19.170	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	32030	18.206	ug/l	88
22) Diisopropyl ether	5.92	45	99853	19.751	ug/l #	94
23) Vinyl Acetate	5.86	43	378199	96.622	ug/l	96
24) 1,1-Dichloroethane	5.81	63	59738	19.339	ug/l	98
25) 2-Butanone	6.80	43	103914	91.338	ug/l	92
26) 2,2-Dichloropropane	6.79	77	57433	19.339	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	38997	19.272	ug/l	91
28) Bromochloromethane	7.17	49	23869	19.333	ug/l #	74
29) Tetrahydrofuran	7.18	42	66021	93.792	ug/l #	88
30) Chloroform	7.35	83	64211	20.062	ug/l	97
31) Cyclohexane	7.63	56	51857	17.446	ug/l #	86
32) 1,1,1-Trichloroethane	7.55	97	57210	19.332	ug/l	97
36) 1,1-Dichloropropene	7.77	75	45424	18.677	ug/l	95
37) Ethyl Acetate	6.90	43	42474	18.620	ug/l	96
38) Carbon Tetrachloride	7.75	117	50658	19.148	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	53655	17.892	ug/l	93
40) Benzene	8.02	78	137421	18.946	ug/l	100
41) Methacrylonitrile	7.15	41	19993m	17.795	ug/l	
42) 1,2-Dichloroethane	8.10	62	50534	20.549	ug/l	96
43) Isopropyl Acetate	8.14	43	73196	18.656	ug/l	94
44) Trichloroethene	8.82	130	39436	19.916	ug/l	94
45) 1,2-Dichloropropane	9.10	63	35878	19.990	ug/l	98
46) Dibromomethane	9.19	93	24488	19.342	ug/l #	88
47) Bromodichloromethane	9.39	83	50838	19.926	ug/l	98
48) Methyl methacrylate	9.18	41	31591	18.001	ug/l	91
49) 1,4-Dioxane	9.18	88	12404	386.089	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	214795	94.704	ug/l	96
52) Toluene	10.14	92	89296	19.491	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	57016	20.014	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	61403	20.485	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	36464	20.095	ug/l	96
56) Ethyl methacrylate	10.42	69	51201	18.467	ug/l	93
57) 1,3-Dichloropropane	10.70	76	59182	20.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	88255	105.679	ug/l	92
59) 2-Hexanone	10.74	43	156361	93.580	ug/l	95
60) Dibromochloromethane	10.89	129	41912	20.283	ug/l	99
61) 1,2-Dibromoethane	11.00	107	36856	19.379	ug/l	99
64) Tetrachloroethene	10.62	164	40310	19.401	ug/l	96
65) Chlorobenzene	11.43	112	99496	19.856	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	38755	20.017	ug/l	98
67) Ethyl Benzene	11.51	91	172330	18.945	ug/l	97
68) m/p-Xylenes	11.62	106	130748	38.053	ug/l	95
69) o-Xylene	11.94	106	64385	19.140	ug/l	95
70) Styrene	11.96	104	103045	18.306	ug/l	97
71) Bromoform	12.12	173	30363	19.578	ug/l #	99
73) Isopropylbenzene	12.24	105	171932	19.115	ug/l	99
74) N-amyl acetate	12.07	43	61231	17.544	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	50471	19.356	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	50290m	24.366	ug/l	
77) Bromobenzene	12.52	156	43763	19.213	ug/l	84
78) n-propylbenzene	12.59	91	191964	19.015	ug/l	96
79) 2-Chlorotoluene	12.67	91	113707	18.933	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	142933	18.895	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18224	18.962	ug/l	95
82) 4-Chlorotoluene	12.77	91	116094	19.272	ug/l	96
83) tert-Butylbenzene	12.99	119	125419	19.170	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	143484	19.173	ug/l	99
85) sec-Butylbenzene	13.17	105	162735	18.932	ug/l	99
86) p-Isopropyltoluene	13.28	119	149923	18.850	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	77156	19.501	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	76603	19.407	ug/l	98
89) n-Butylbenzene	13.61	91	128091	18.889	ug/l	98
90) Hexachloroethane	13.87	117	27185	18.268	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	76781	19.629	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10577	17.543	ug/l	83

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	45699	19.443	ug/l	98
94) Hexachlorobutadiene	15.01	225	24740	19.101	ug/l	99
95) Naphthalene	15.13	128	123037	18.404	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44451	19.430	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

VN0130WBSD01

Tot Ion:168 Resp: 180905

Ion Ratio Lower Upper

168 100

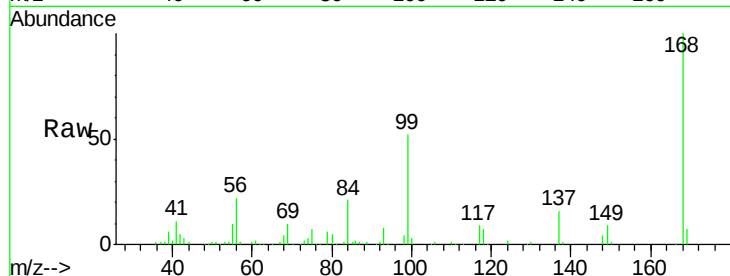
99 52.3 48.2 72.4

Manual Integrations

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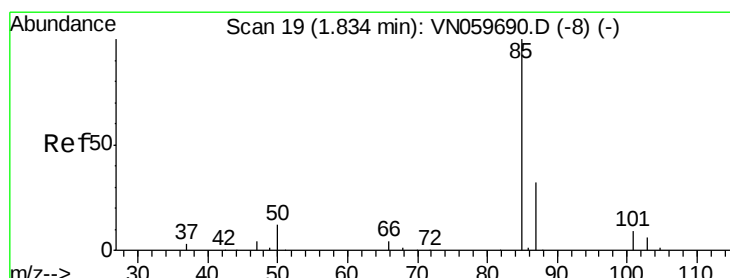
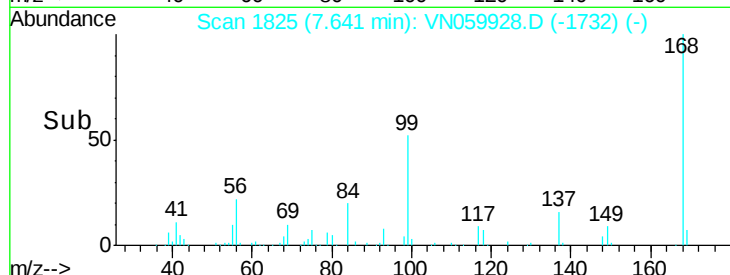
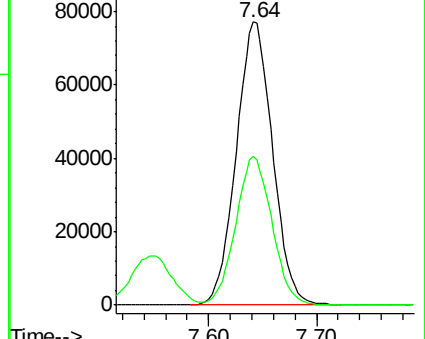
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 16.528 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059928.D

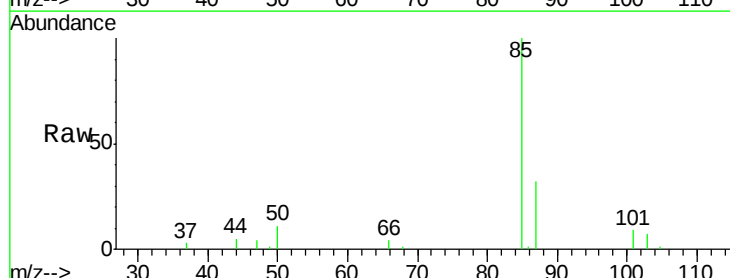
Acq: 30 Jan 2020 15:00

Tgt Ion: 85 Resp: 35998

Ion Ratio Lower Upper

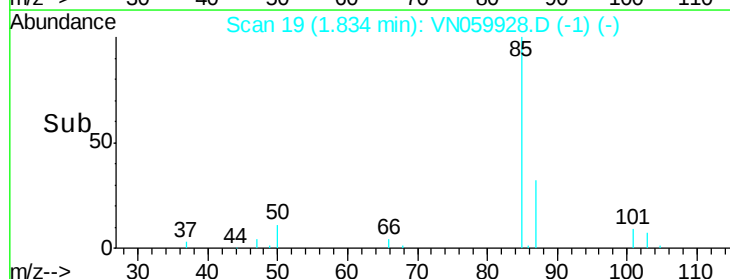
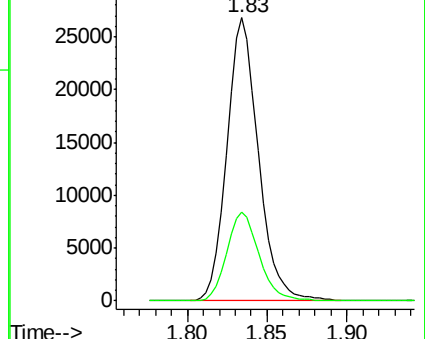
85 100

87 31.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.117 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

Tot Ion: 50 Resp: 35451

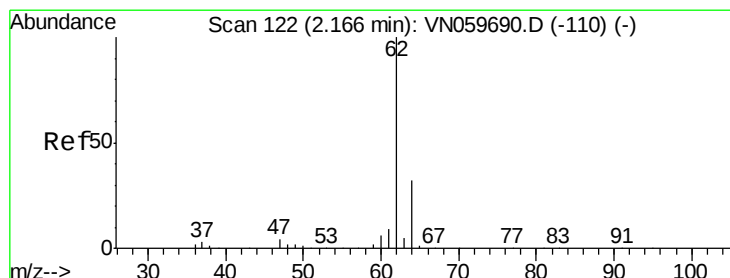
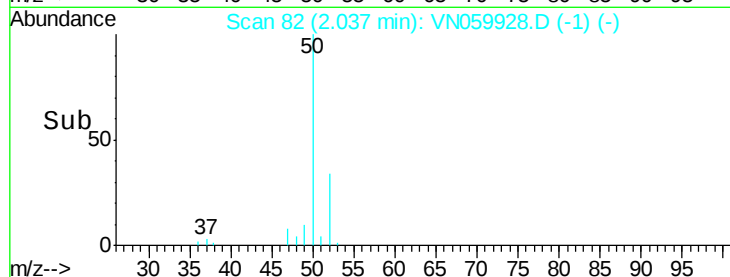
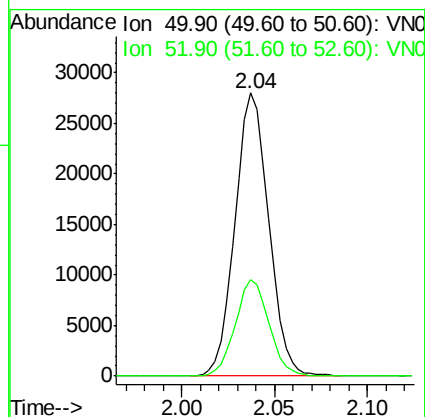
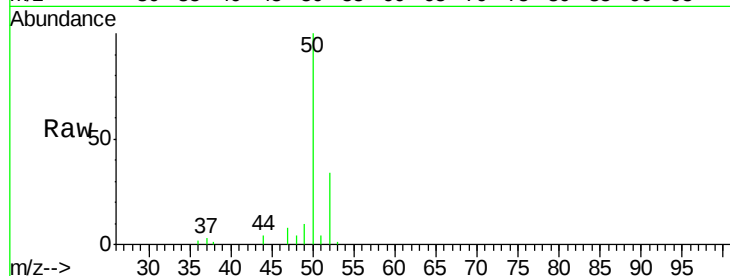
Ion Ratio Lower Upper

50 100

52 33.9 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.171 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059928.D

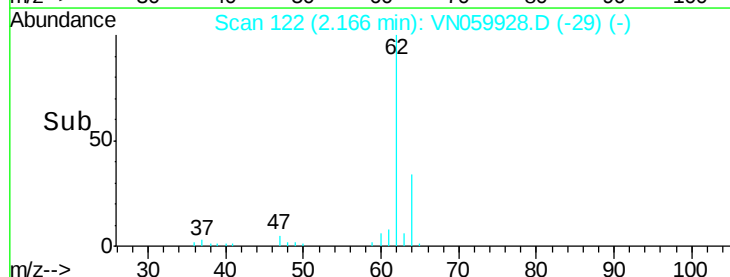
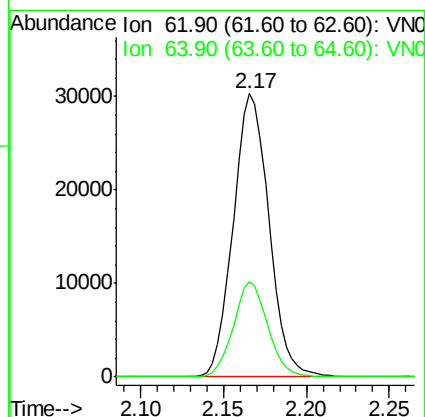
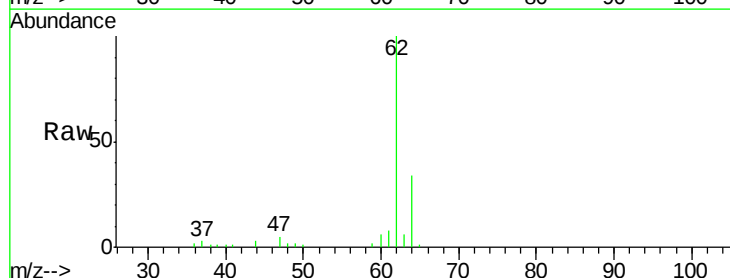
Acq: 30 Jan 2020 15:00

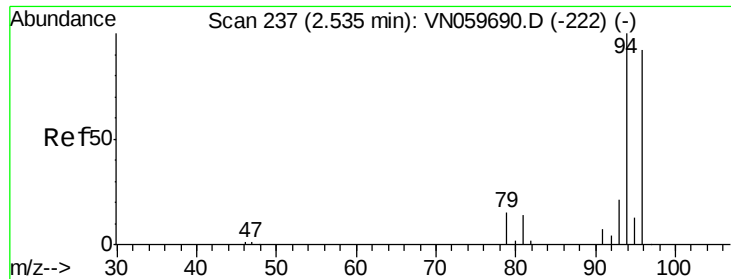
Tgt Ion: 62 Resp: 45430

Ion Ratio Lower Upper

62 100

64 33.6 24.6 37.0





#5

Bromomethane

Concen: 18.539 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

Tot Ion: 94 Resp: 26811

Ion Ratio Lower Upper

94 100

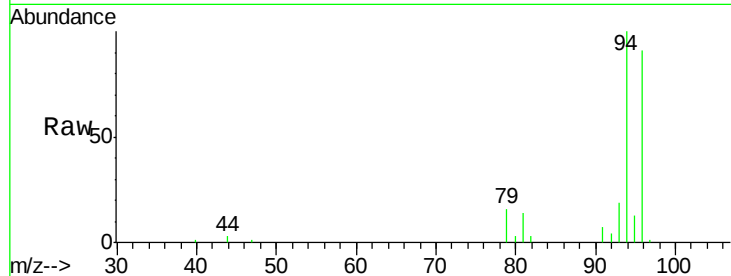
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Manual Integrations

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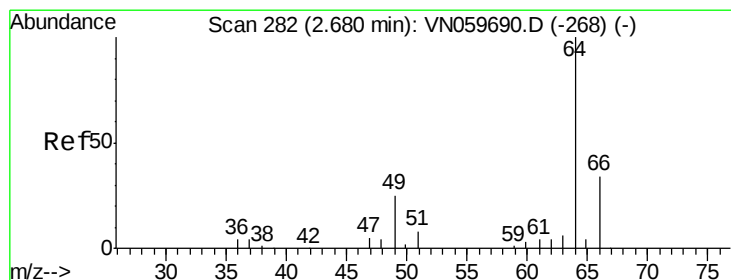
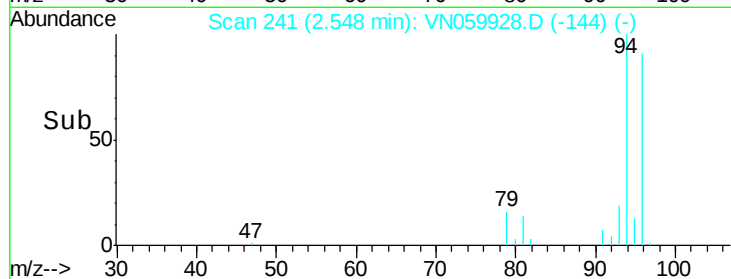
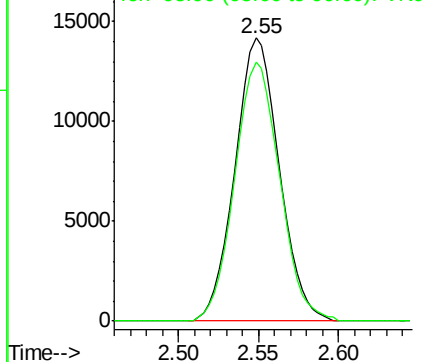
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.854 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059928.D

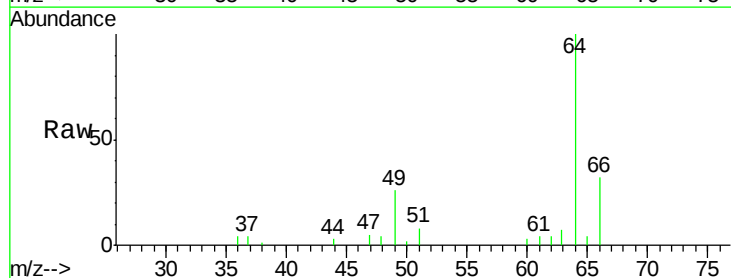
Acq: 30 Jan 2020 15:00

Tgt Ion: 64 Resp: 21138

Ion Ratio Lower Upper

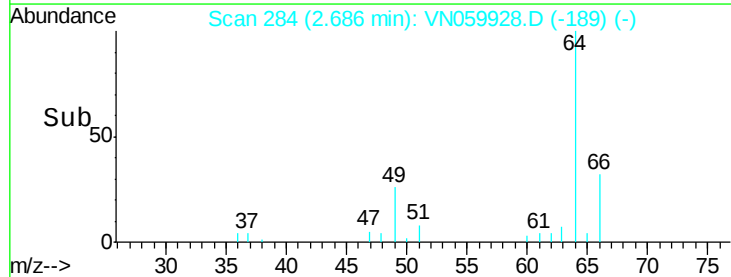
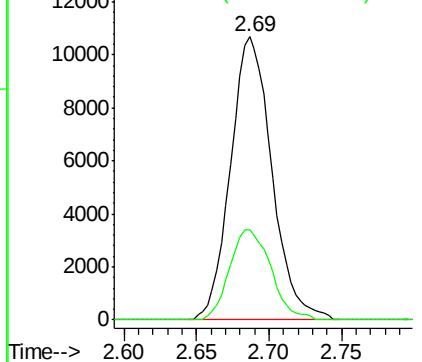
64 100

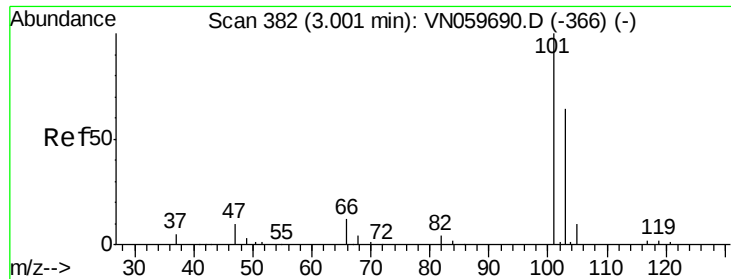
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

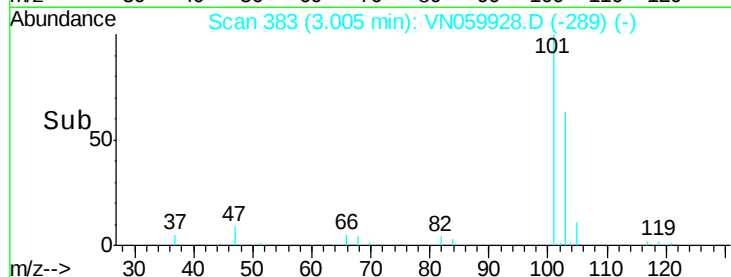
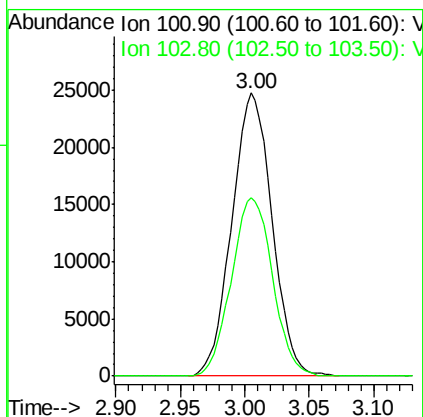
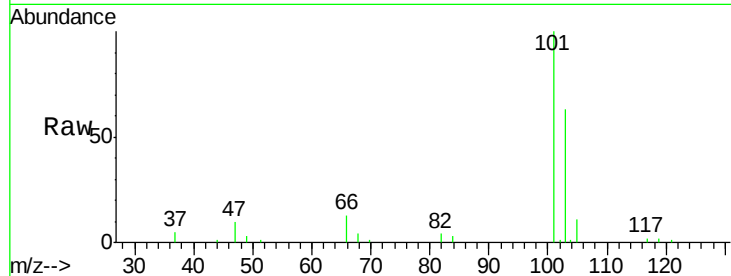
Trichlorofluoromethane
 Concen: 18.870 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Instrument :
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 ClientSampleId :
 VN0130WBSD01

Tot Ion: 101 Resp: 53702
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.0 76.6

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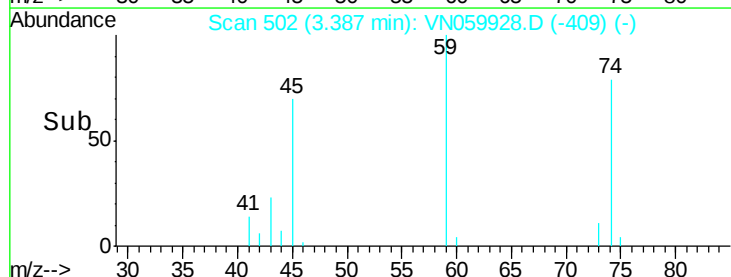
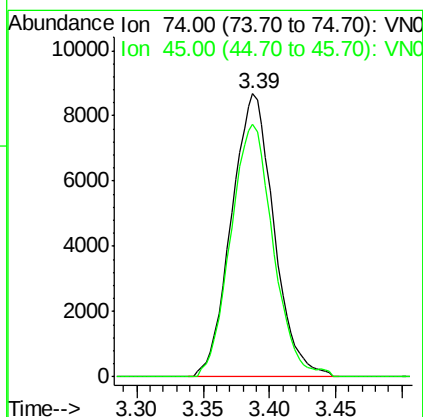
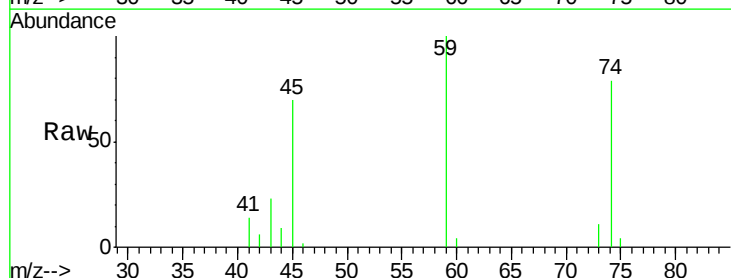
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 2/3/2020 10:40:47 AM



#8

Diethyl Ether
 Concen: 19.366 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion: 74 Resp: 19342
 Ion Ratio Lower Upper
 74 100
 45 89.2 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.080 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

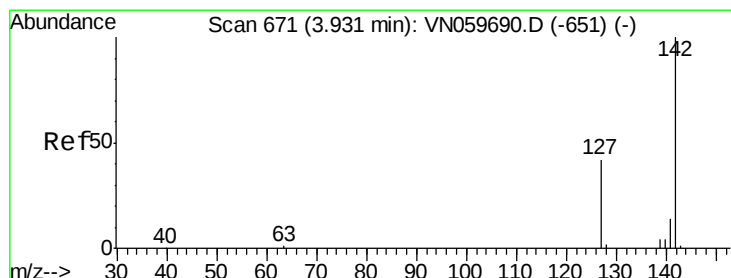
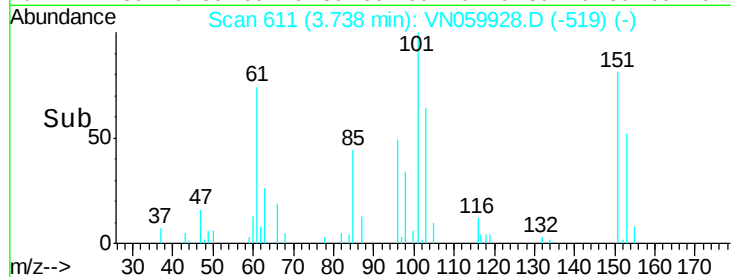
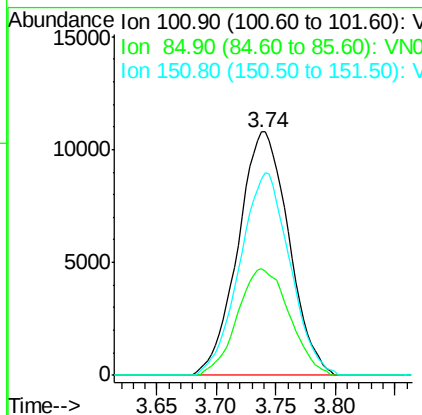
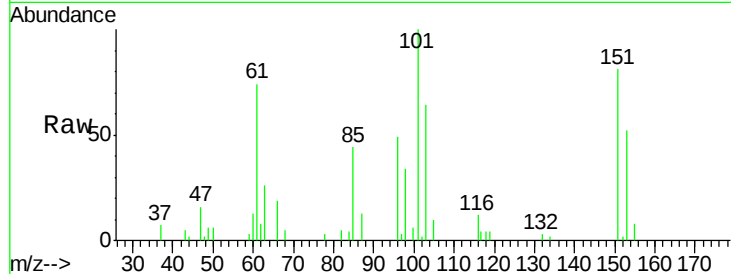
ClientSampleId :

VN0130WBSD01

Tot Ion:	101	Resp:	31805
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.6	54.8
151	82.2	59.7	89.5

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#10

Methyl Iodide

Concen: 17.111 ug/l

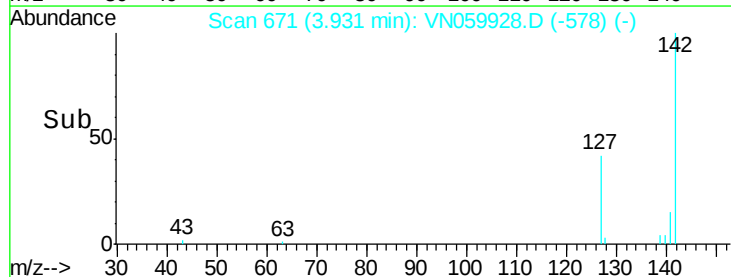
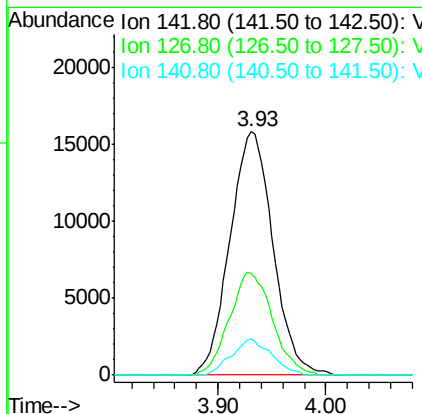
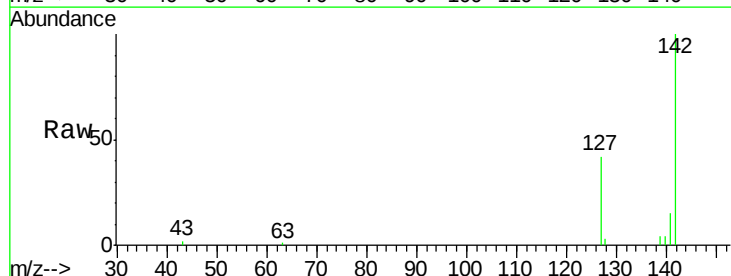
RT: 3.93 min Scan# 671

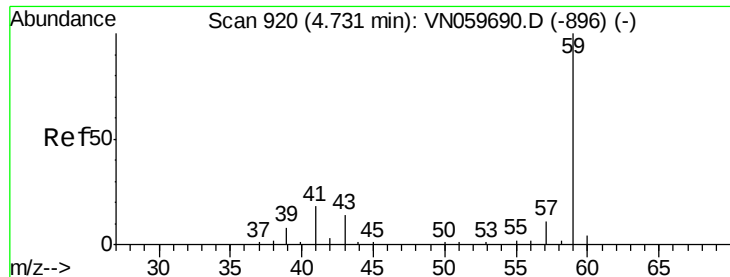
Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Tgt Ion:	142	Resp:	43809
Ion Ratio	Lower	Upper	
142	100		
127	42.2	36.7	55.1
141	13.8	11.7	17.5





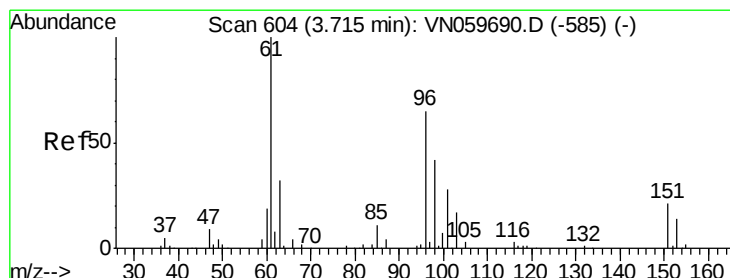
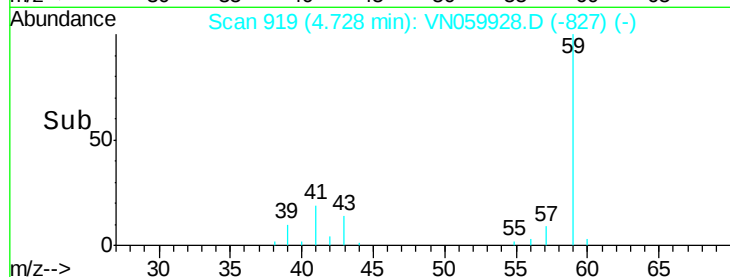
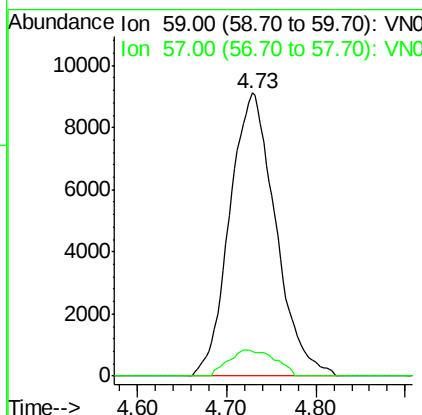
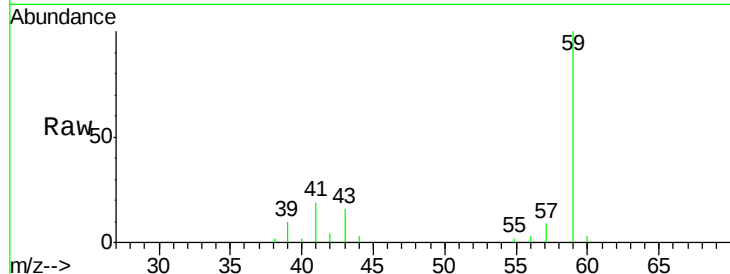
#11
Tert butyl alcohol
Concen: 96.120 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampled :
VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.6	12.8

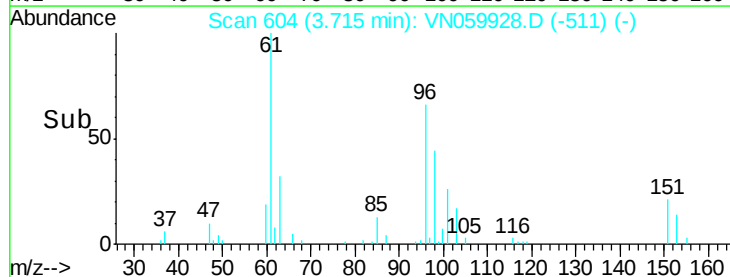
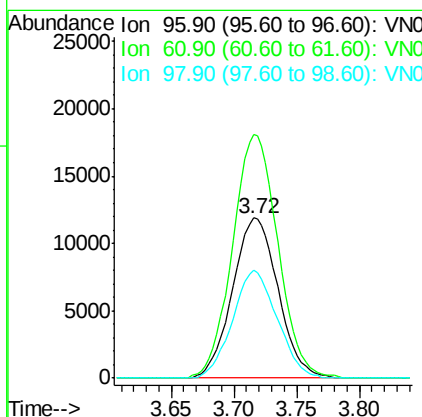
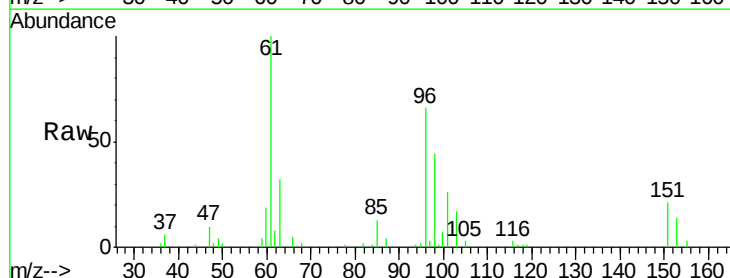
Manual Integrations
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2/3/2020 10:40:47 AM



#12
1,1-Dichloroethene
Concen: 18.155 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.2	137.5	206.3
98	67.1	50.2	75.4





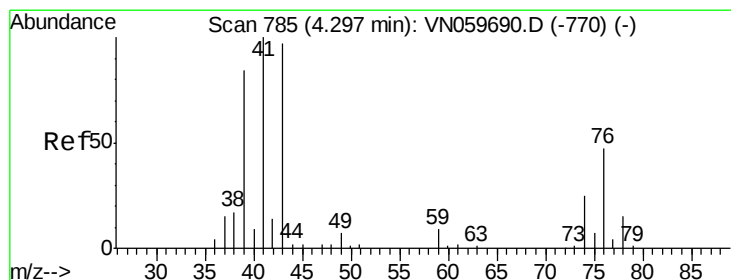
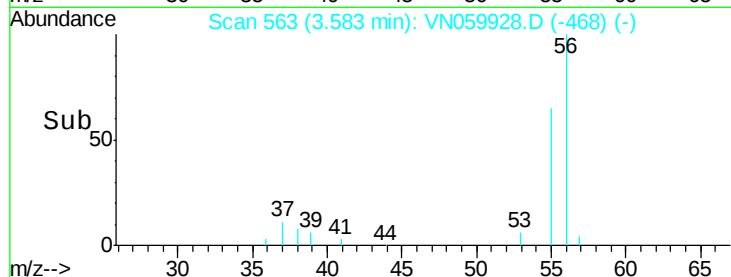
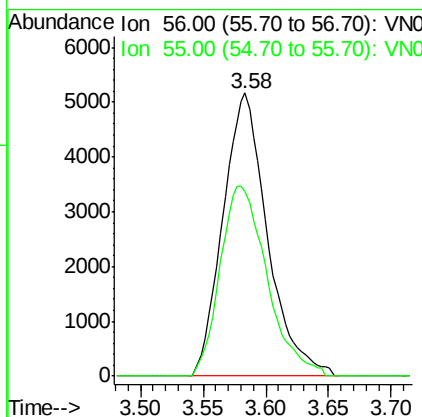
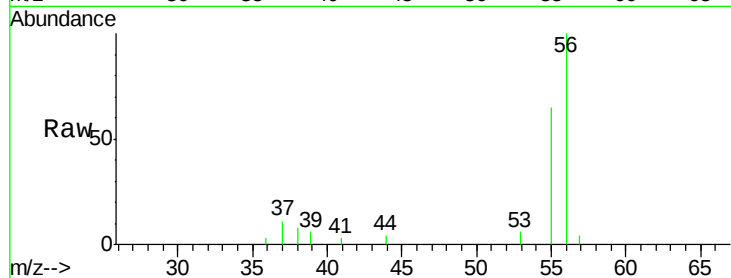
#13
Acrolein
Concen: 53.156 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.01 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion: 56 Resp: 12726
Ion Ratio Lower Upper
56 100
55 70.8 58.6 88.0

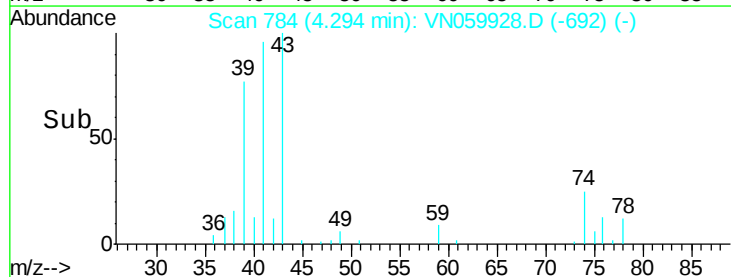
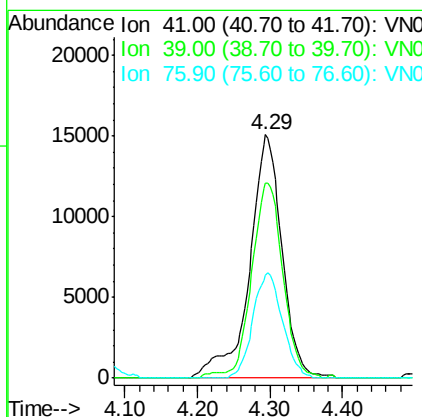
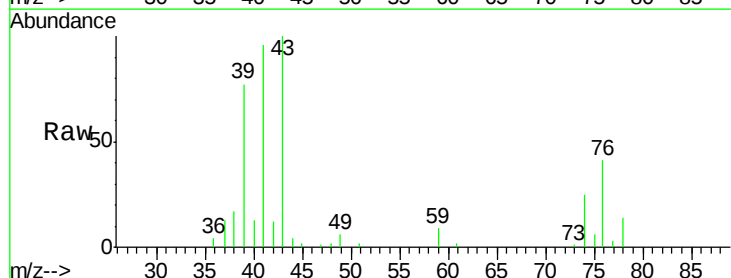
Manual Integrations
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#14
Allyl chloride
Concen: 21.008 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 41 Resp: 46867
Ion Ratio Lower Upper
41 100
39 76.0 57.8 86.8
76 39.3 25.4 38.0#





#15

Acrylonitrile

Concen: 98.679 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

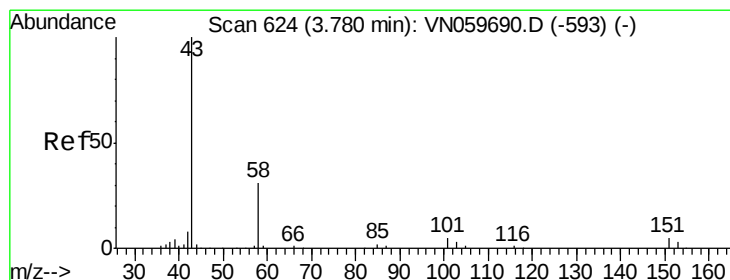
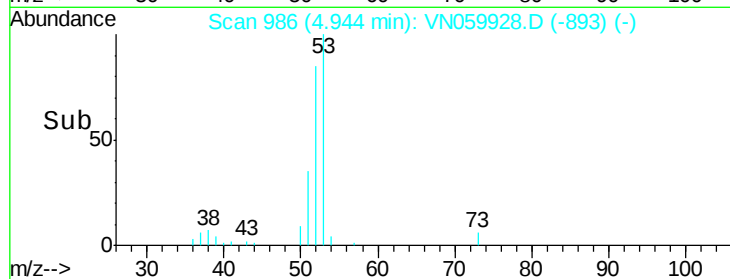
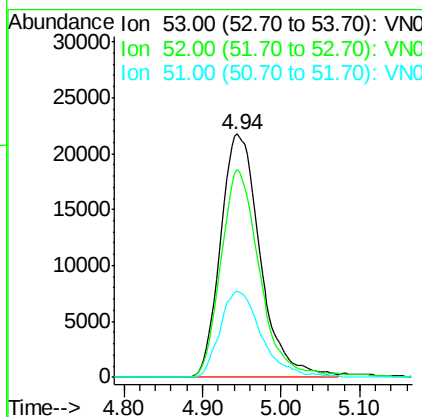
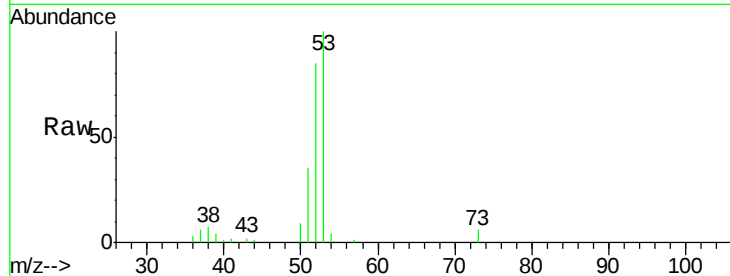
ClientSampleId :

VN0130WBSD01

Tot Ion:	53	Resp:	76128
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.3	99.5
51	36.4	29.7	44.5

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#16

Acetone

Concen: 106.557 ug/l

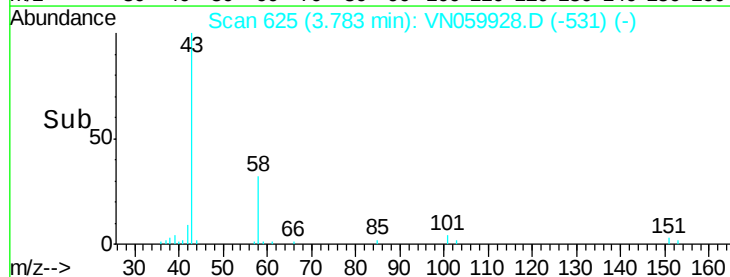
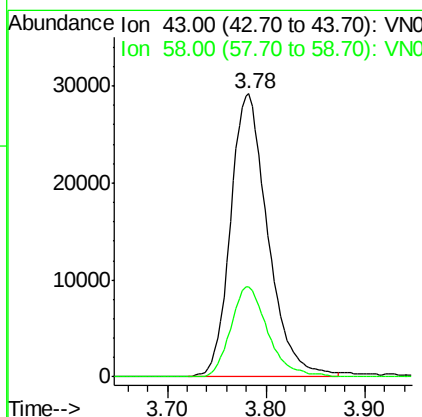
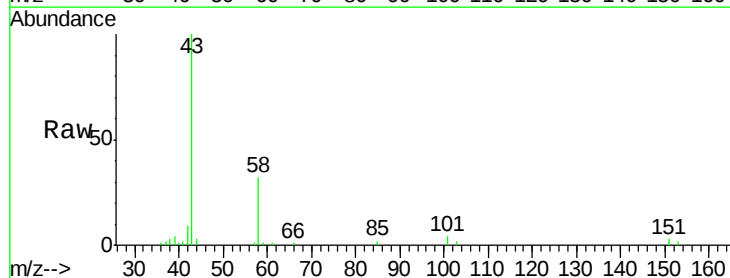
RT: 3.78 min Scan# 625

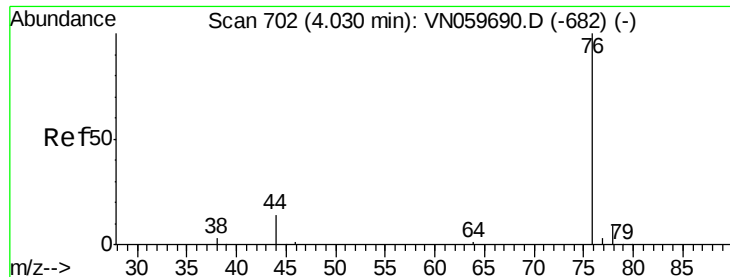
Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Tgt Ion:	43	Resp:	76950
Ion	Ratio	Lower	Upper
43	100		
58	31.8	23.6	35.4





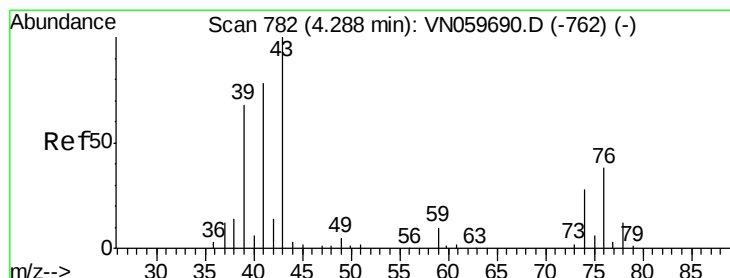
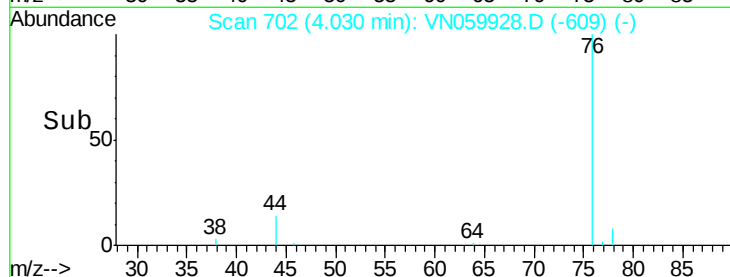
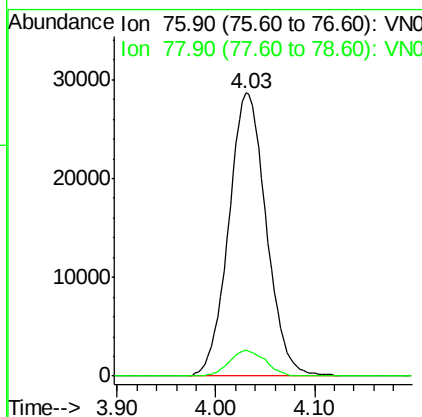
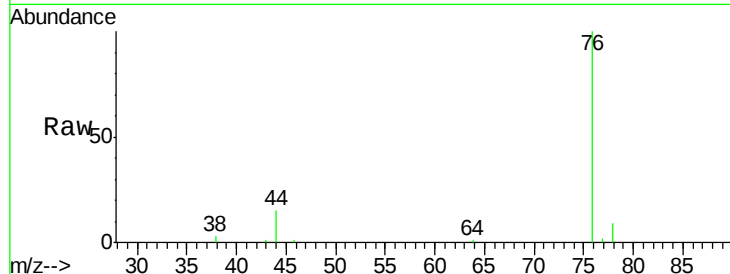
#17
Carbon Disulfide
Concen: 16.101 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

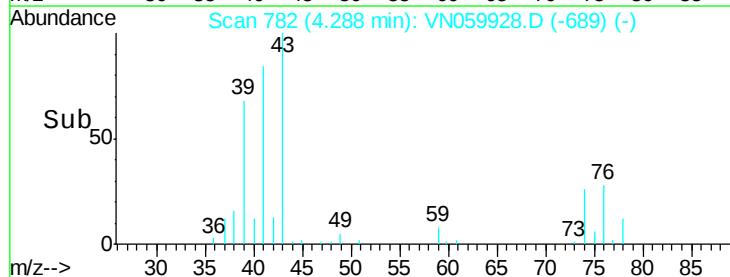
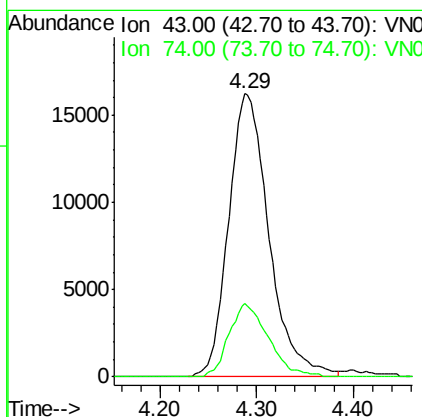
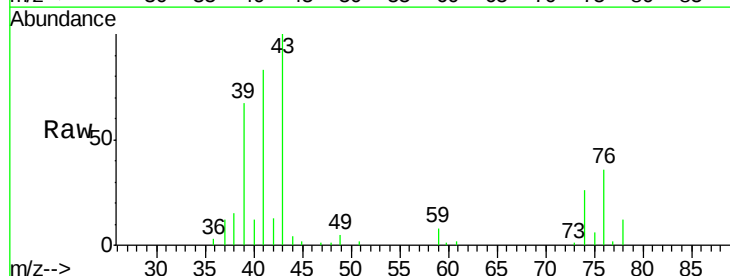
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#18
Methyl Acetate
Concen: 20.035 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	17.5	26.3





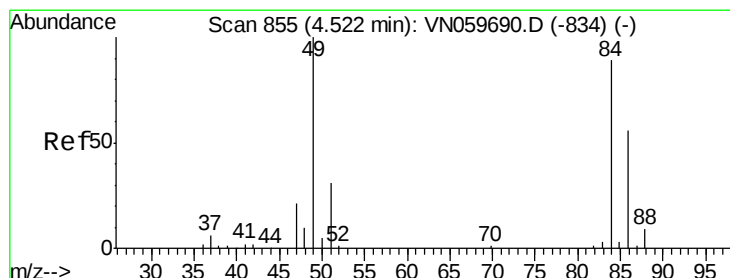
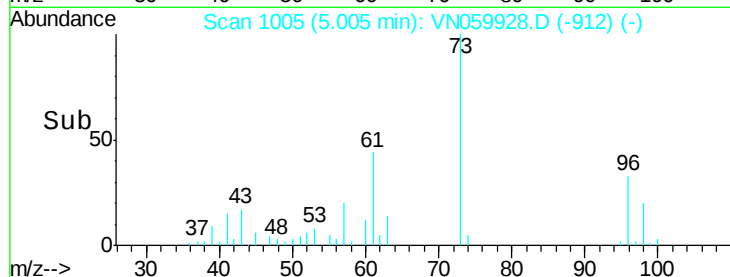
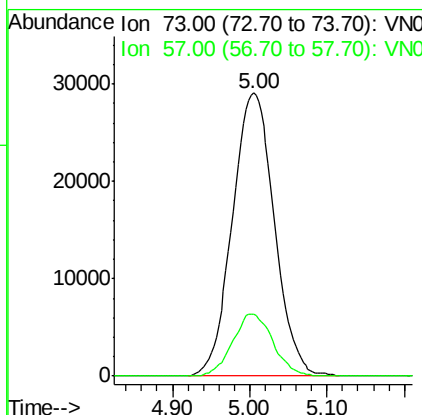
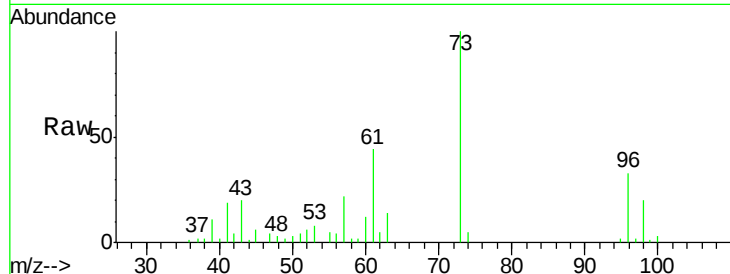
#19
Methvl tert-butvl Ether
Concen: 20.347 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion: 73 Resp: 109798
Ion Ratio Lower Upper
73 100
57 21.9 18.6 27.8

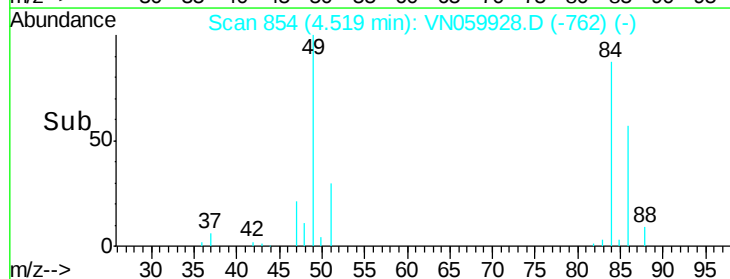
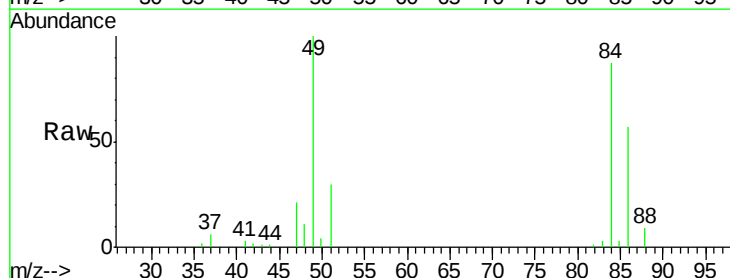
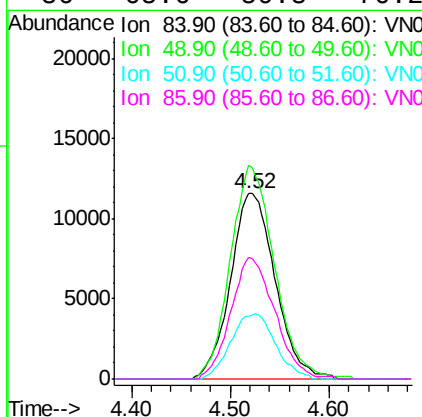
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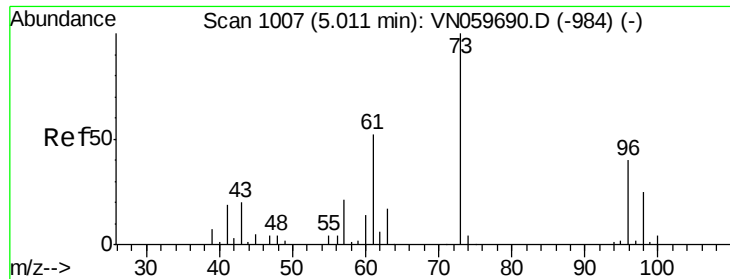
MMDadoda
2/3/2020 10:40:47 AM



#20
Methylene Chloride
Concen: 19.170 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 84 Resp: 36294
Ion Ratio Lower Upper
84 100
49 115.3 106.6 160.0
51 34.2 31.9 47.9
86 65.6 50.8 76.2





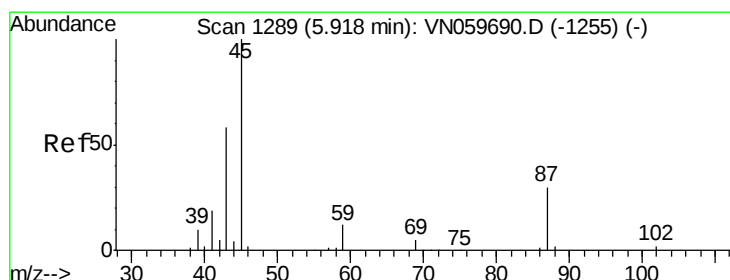
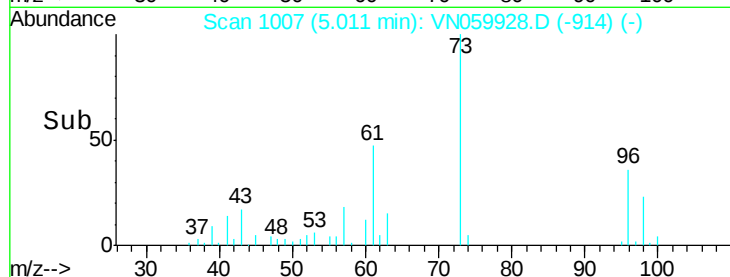
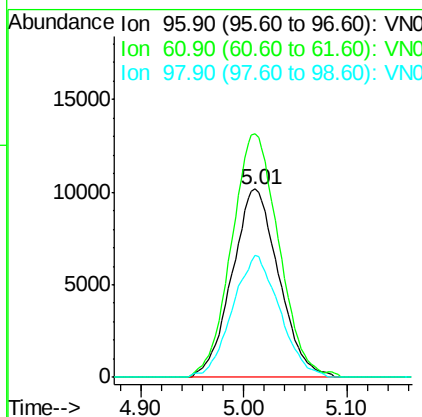
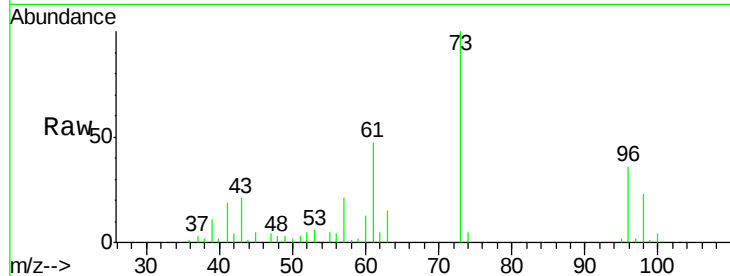
#21
trans-1,2-Dichloroethene
Concen: 18.206 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.3	120.4	180.6
98	64.9	50.6	75.8

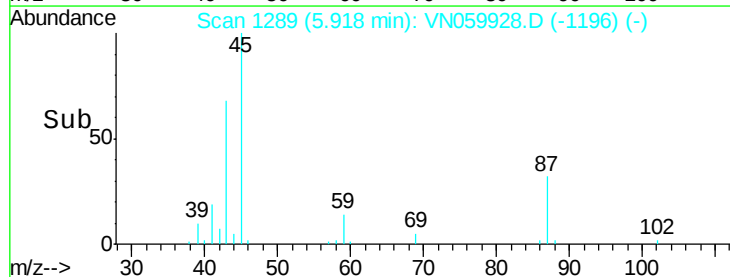
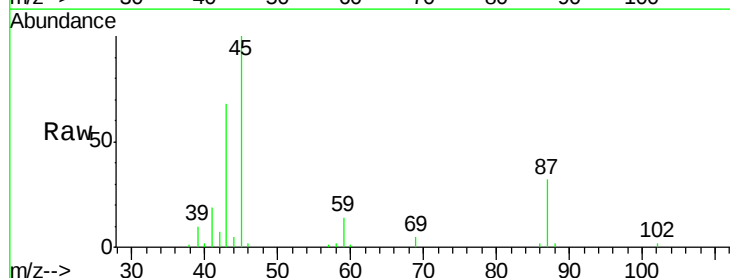
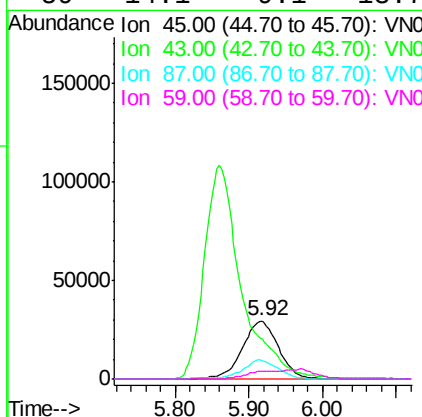
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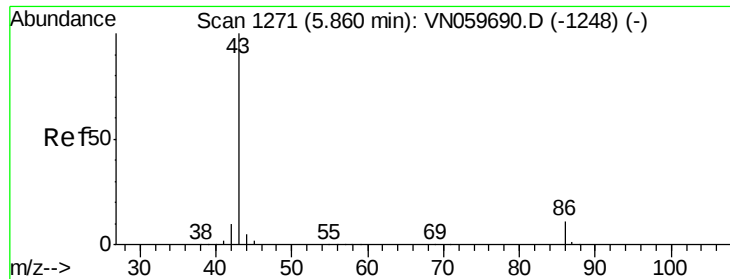
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#22
Diisopropyl ether
Concen: 19.751 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.1	50.8	76.2
87	32.2	21.0	31.6#
59	14.1	9.1	13.7#





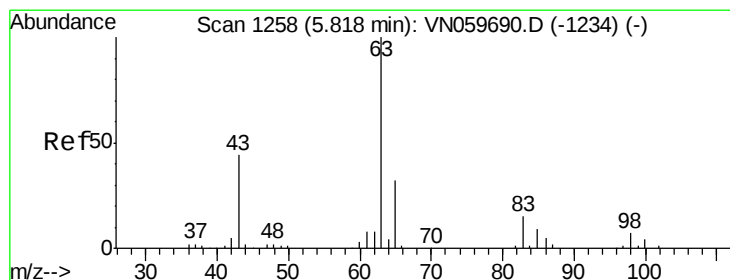
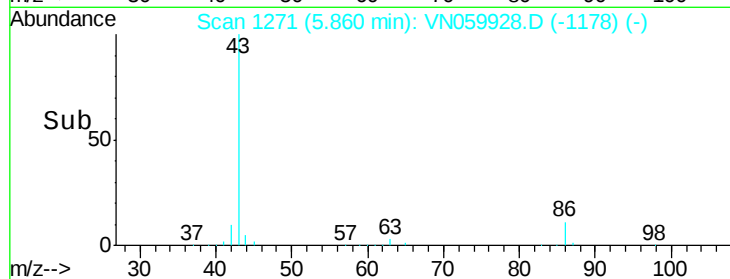
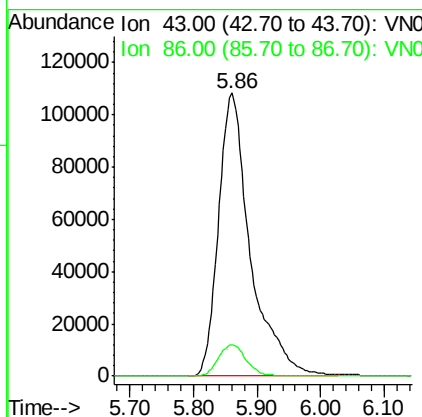
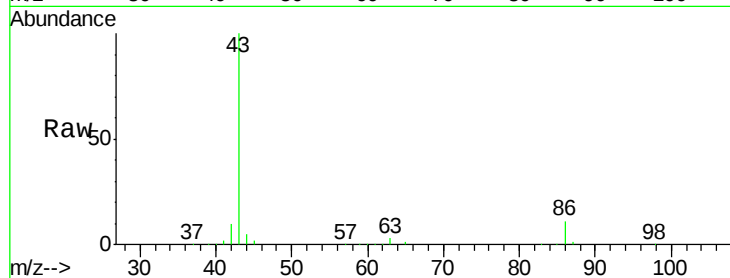
#23
 Vinyl Acetate
 Concen: 96.622 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Tot Ion	43	Resp	378199
Ion Ratio	Lower	Upper	
43	100		
86	11.1	7.6	11.4

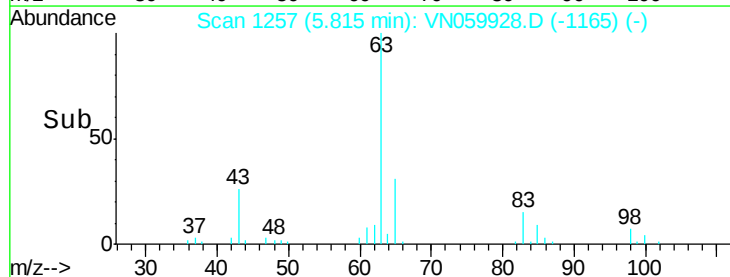
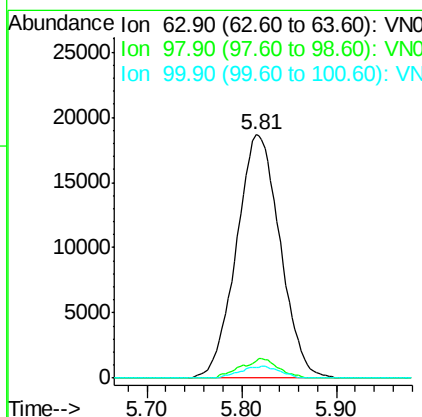
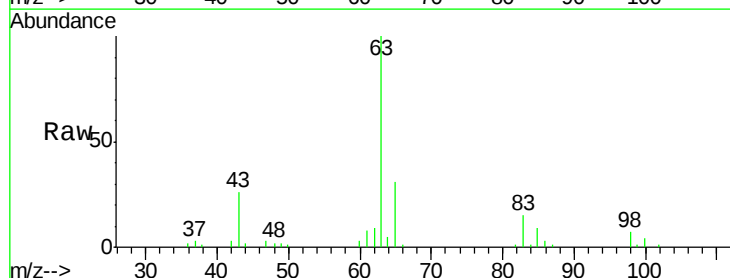
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#24
 1,1-Dichloroethane
 Concen: 19.339 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion	63	Resp	59738
Ion Ratio	Lower	Upper	
63	100		
98	6.9	2.9	8.7
100	4.3	2.0	6.0





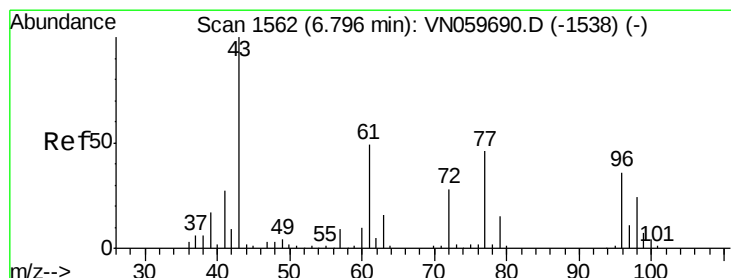
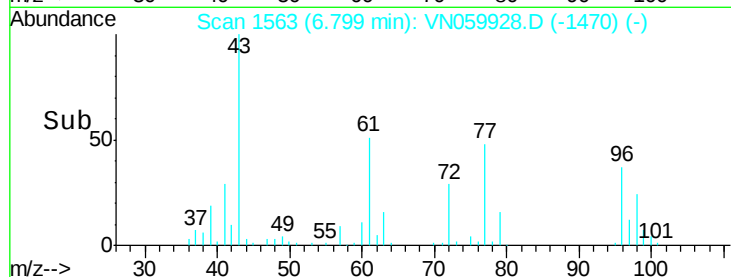
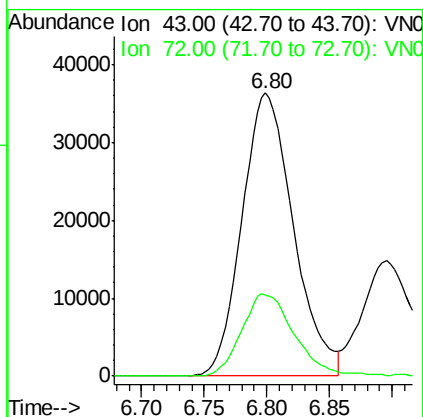
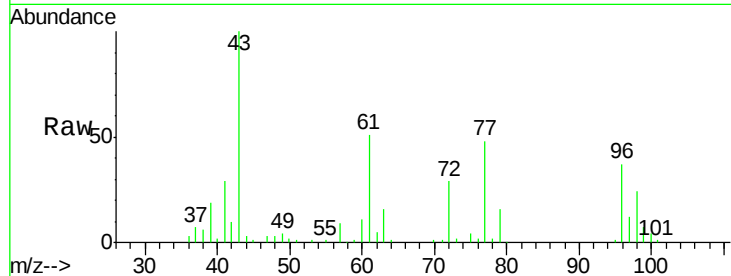
#25
2-Butanone
Concen: 91.338 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampled :
VN0130WBSD01

Tot Ion: 43 Resp: 103914
Ion Ratio Lower Upper
43 100
72 28.9 19.9 29.9

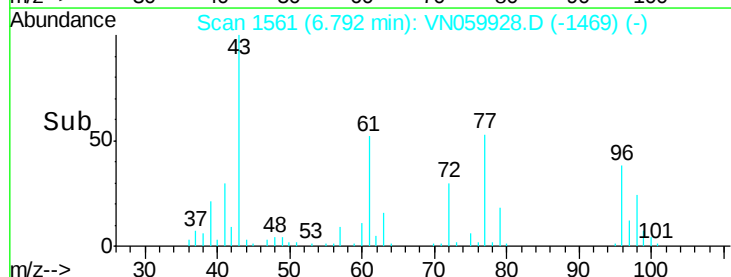
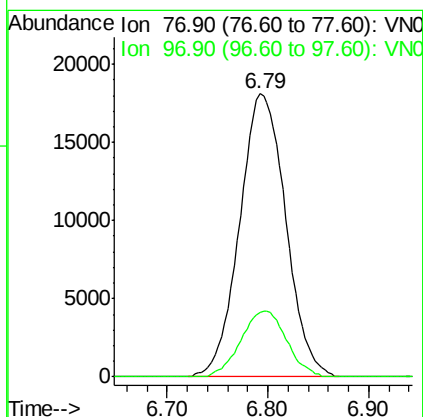
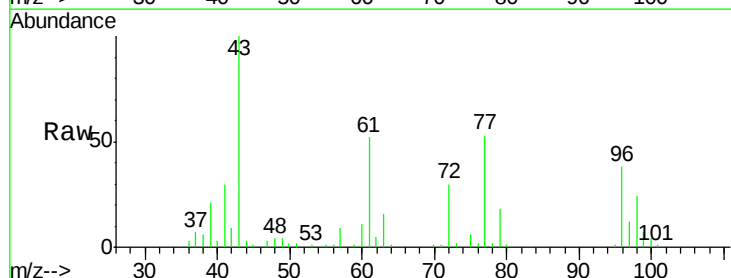
Manual Integrations
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MMDadoda
2/3/2020 10:40:47 AM



#26
2,2-Dichloropropane
Concen: 19.339 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 77 Resp: 57433
Ion Ratio Lower Upper
77 100
97 23.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.272 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

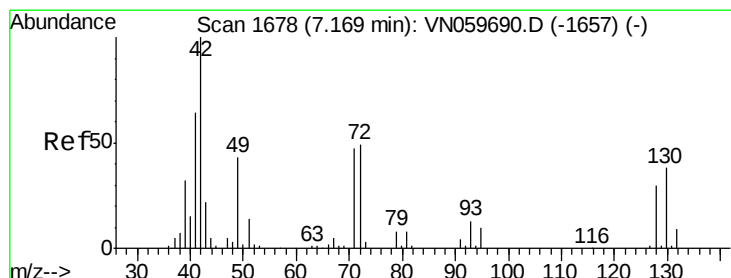
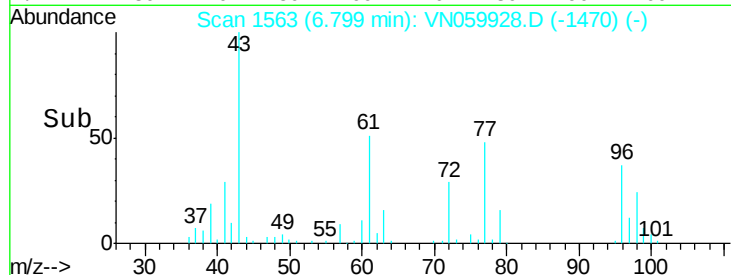
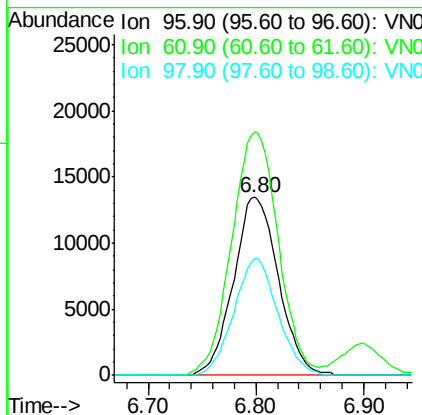
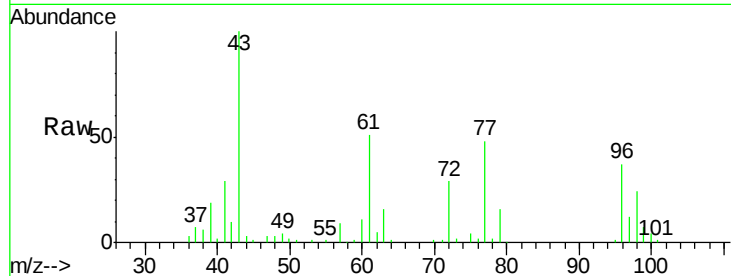
ClientSampleId :

VN0130WBSD01

Tot Ion:	96	Resp:	38997
Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	317.6
98	64.2	0.0	127.0

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#28

Bromochloromethane

Concen: 19.333 ug/l

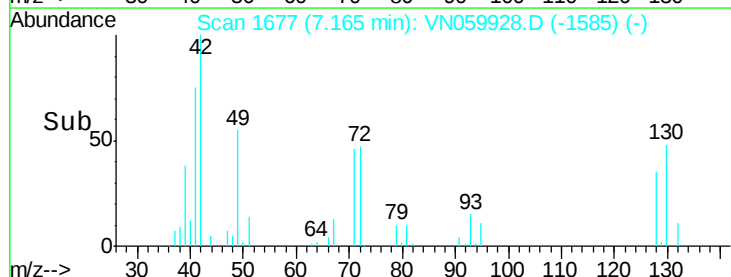
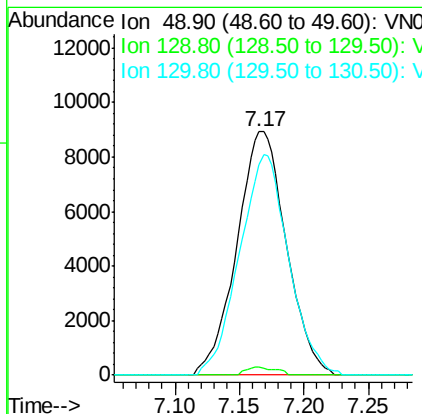
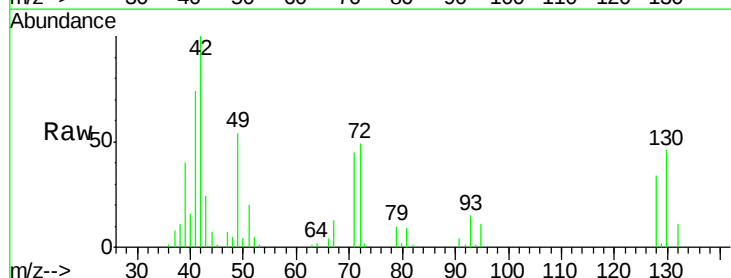
RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Tgt Ion:	49	Resp:	23869
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	89.7	54.7	82.1#





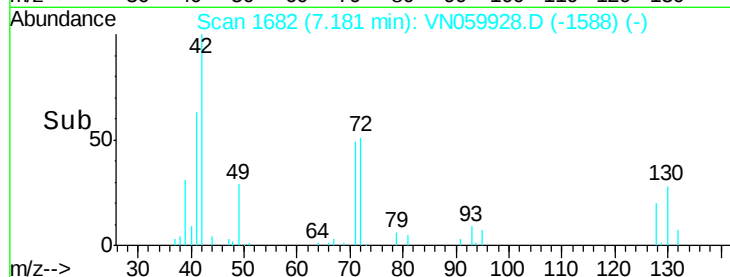
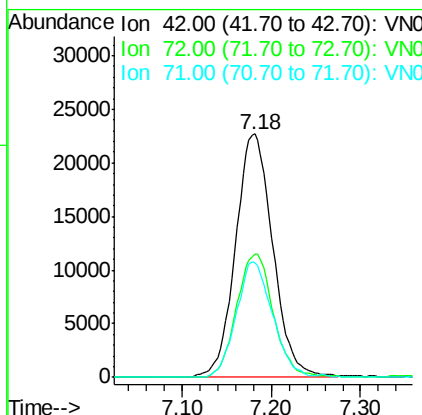
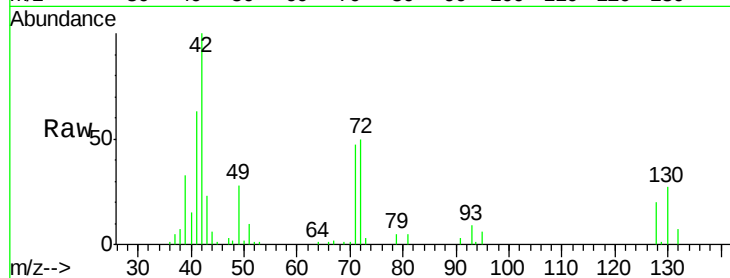
#29
Tetrahydrofuran
Concen: 93.792 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampled :
VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	33.1	49.7#
71	45.9	31.4	47.0

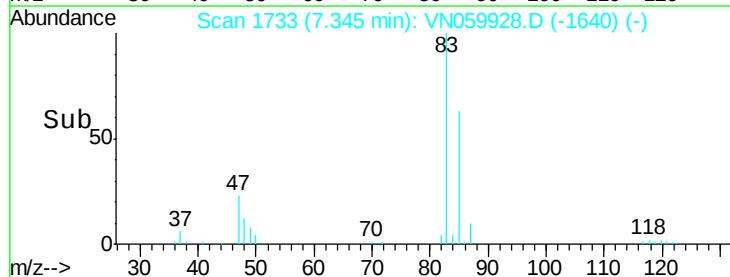
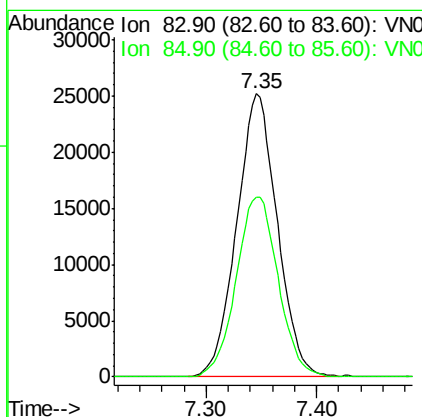
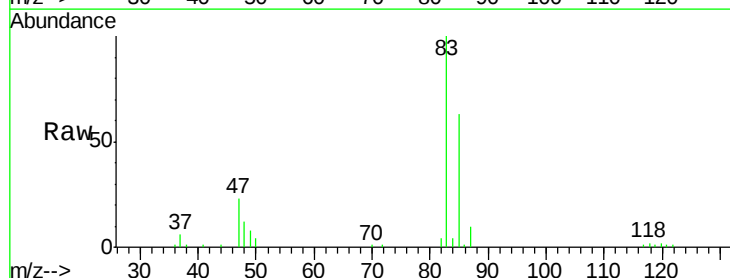
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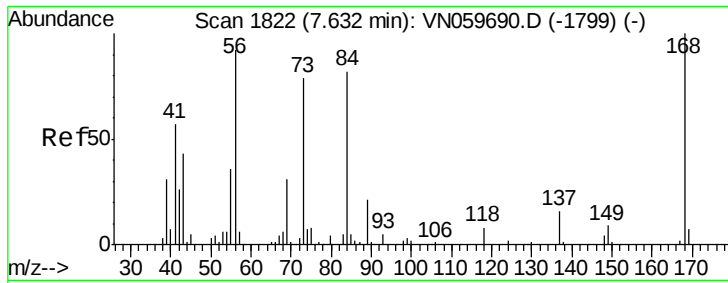
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#30
Chloroform
Concen: 20.062 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.4	78.6





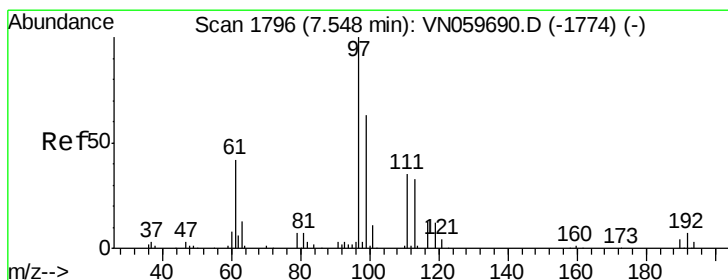
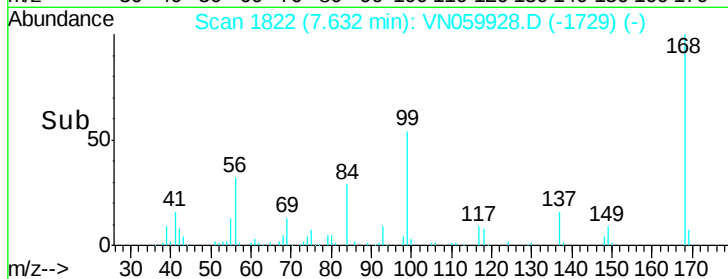
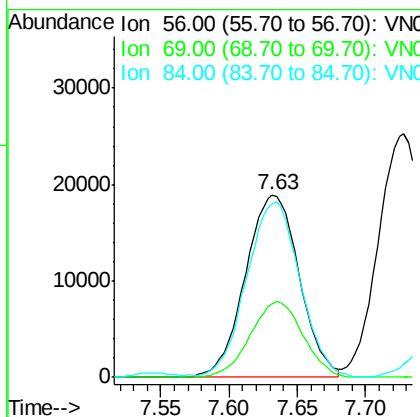
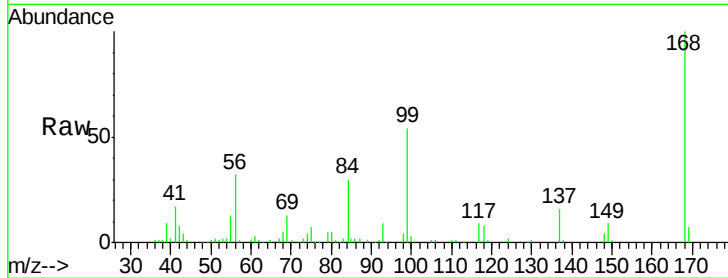
#31
Cyclohexane
Concen: 17.446 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.5	26.5	39.7#
84	93.9	65.3	97.9

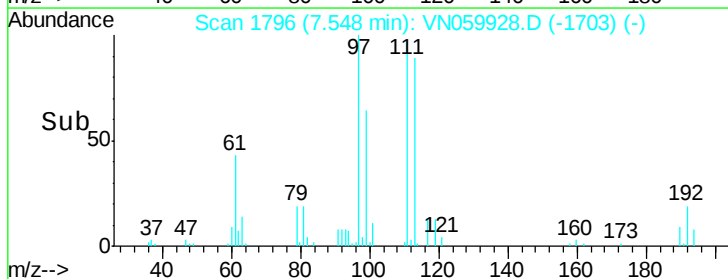
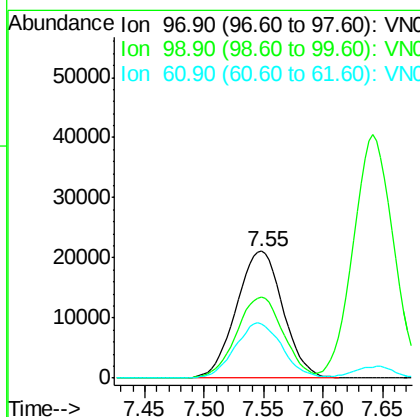
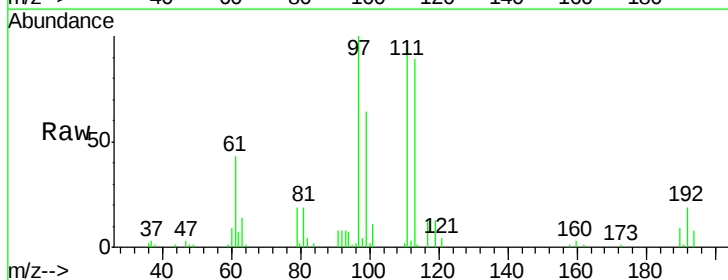
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#32
1,1,1-Trichloroethane
Concen: 19.332 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.4
61	43.8	38.5	57.7





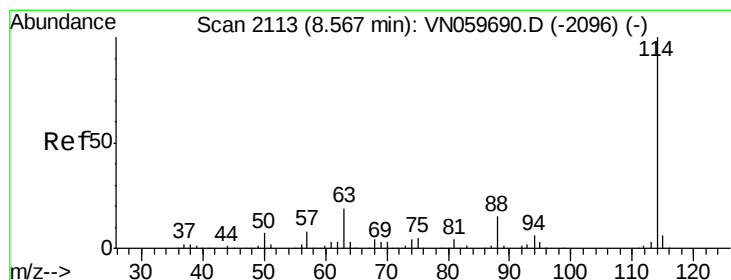
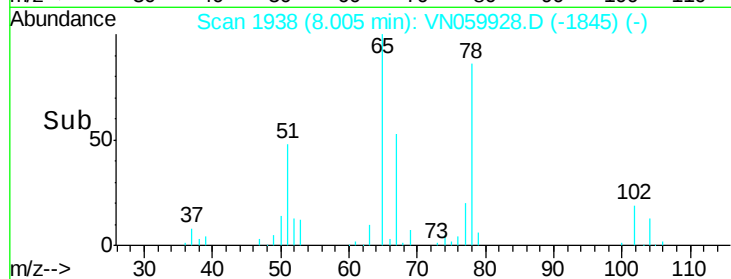
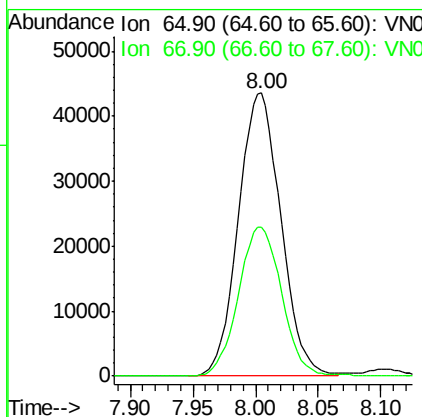
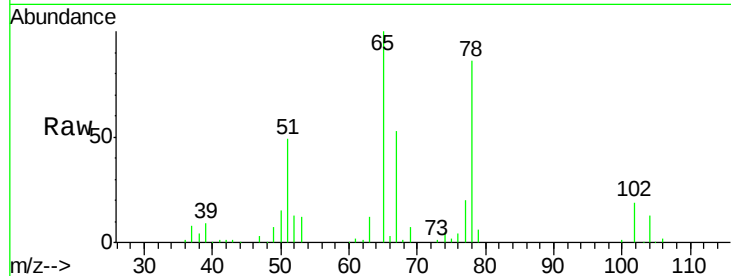
#33
 1,2-Dichloroethane-d4
 Concen: 51.102 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	102.64	103.0

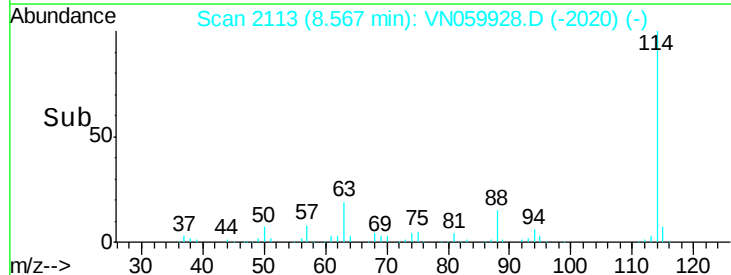
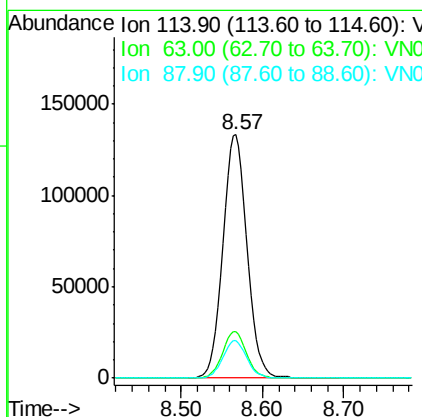
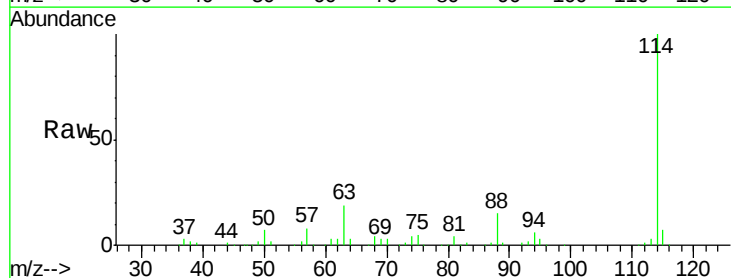
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.1	0.0	279.278	43.6
88	15.2	0.0	31.4	





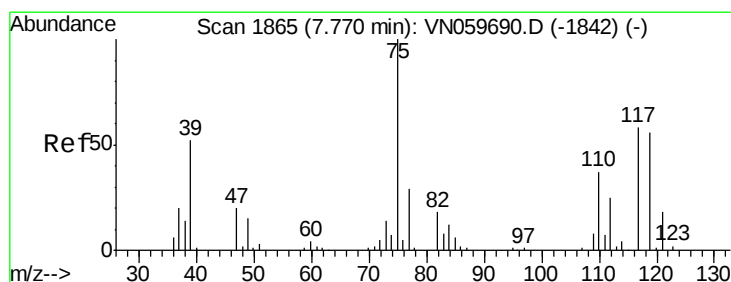
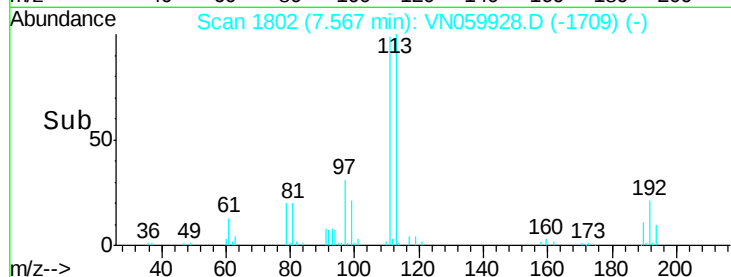
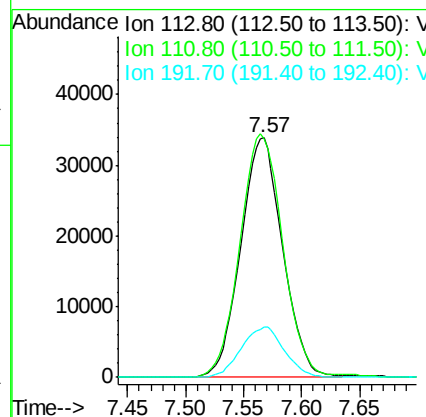
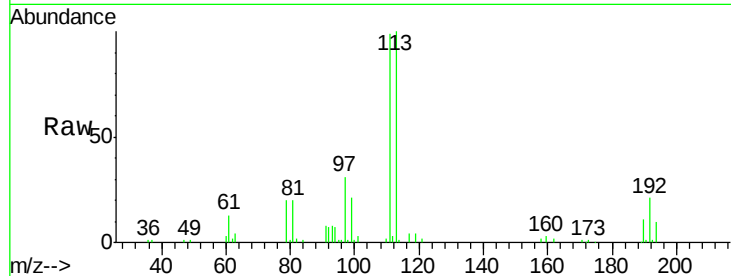
#35
 Dibromofluoromethane
 Concen: 51.064 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.5	125.3
192	21.6	15.4	23.2

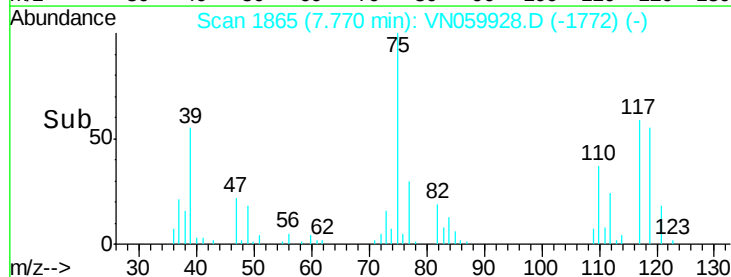
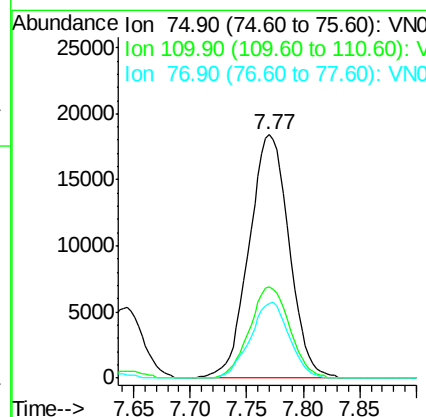
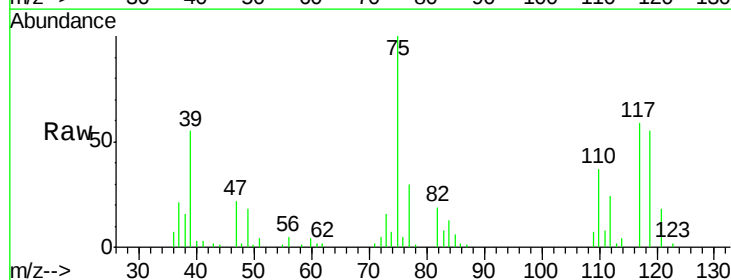
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#36
 1,1-Dichloropropene
 Concen: 18.677 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	16.6	49.7
77	30.1	25.1	37.7





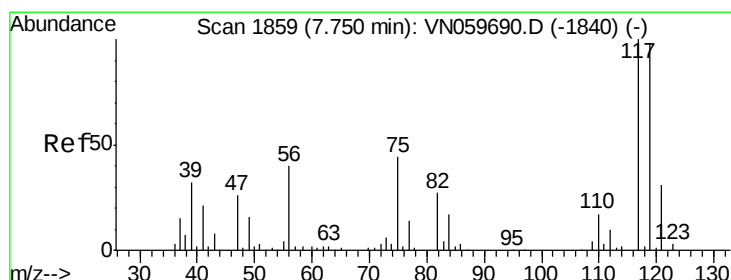
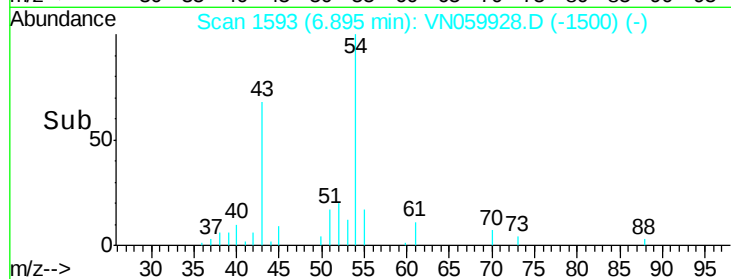
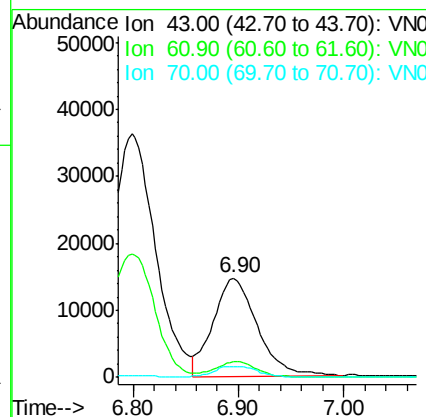
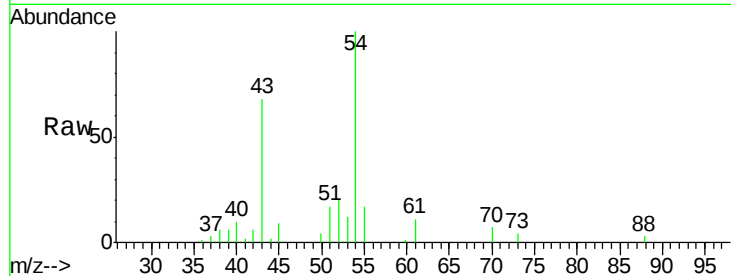
#37
Ethyl Acetate
Concen: 18.620 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleID :
VN0130WBSD01

Tot Ion	43	61	70
Resp	42474		
Ratio	100	15.4	11.0
Lower		10.9	7.7
Upper		16.3	11.5

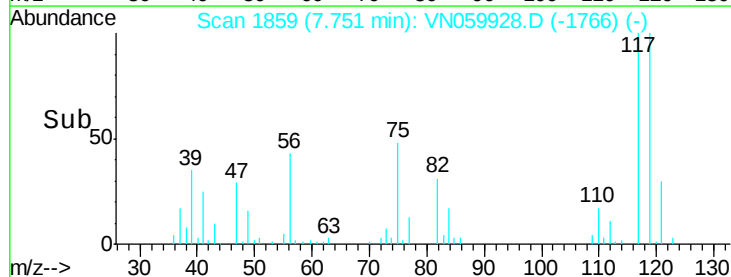
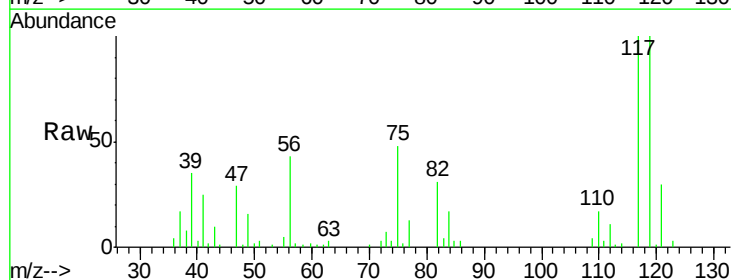
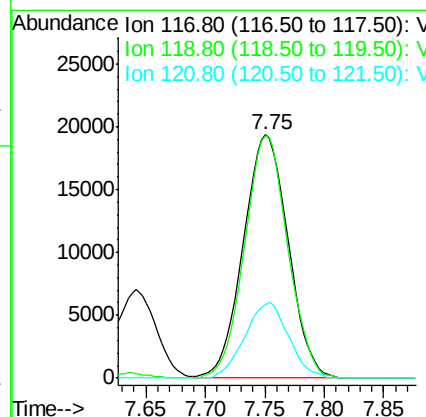
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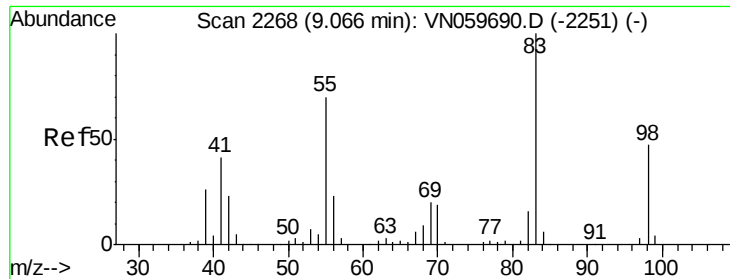
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#38
Carbon Tetrachloride
Concen: 19.148 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	117	119	121
Resp	50658		
Ratio	100	99.7	30.2
Lower		76.5	25.1
Upper		114.7	37.7





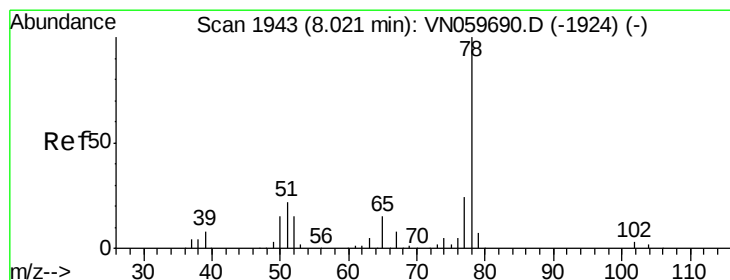
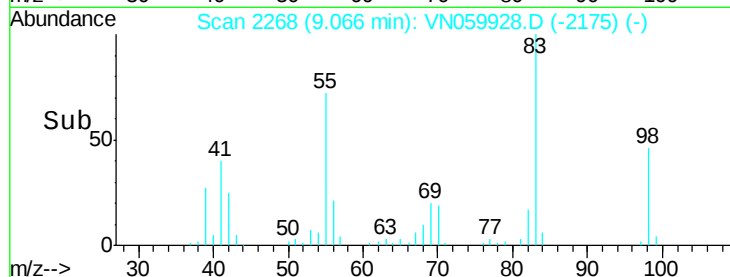
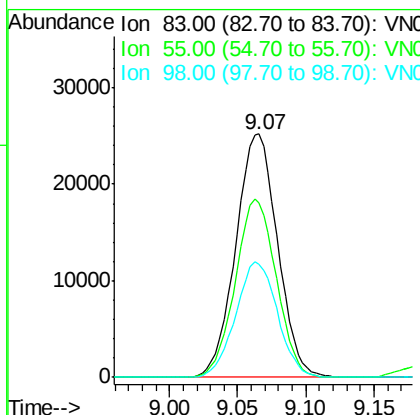
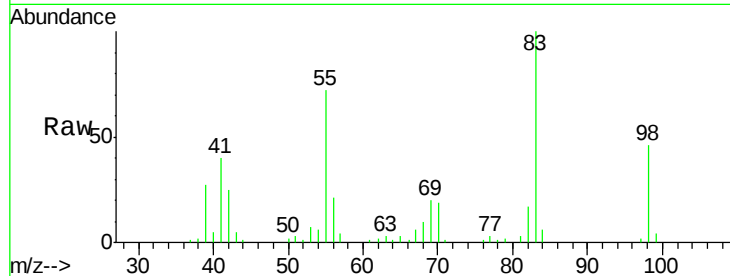
#39
Methvlcvclohexane
Concen: 17.892 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	64.2	96.2
98	46.2	35.9	53.9

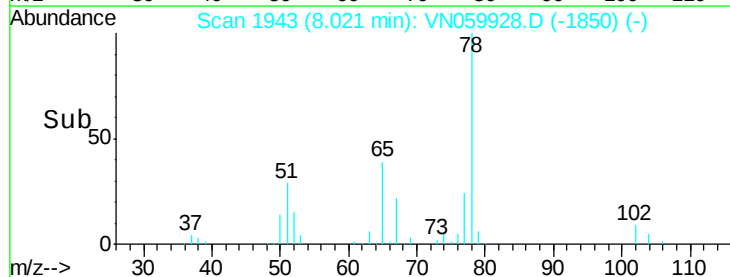
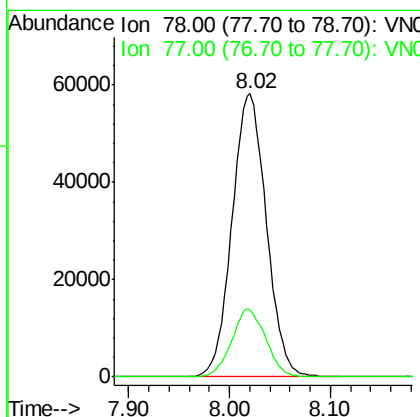
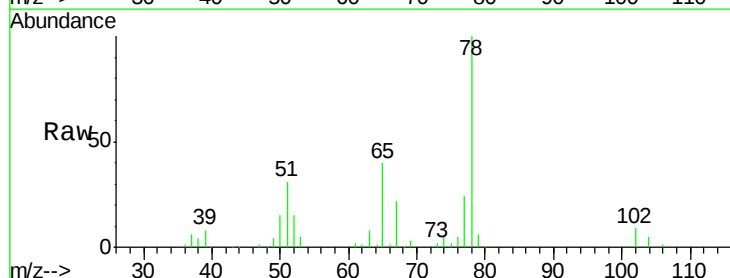
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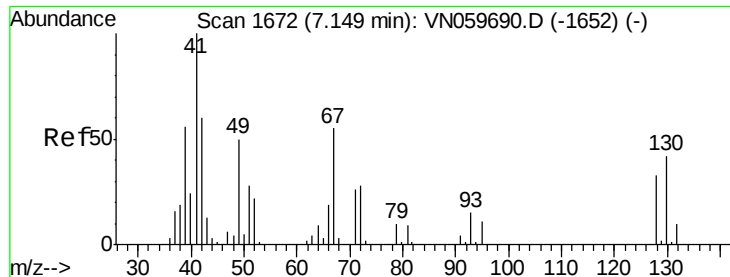
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#40
Benzene
Concen: 18.946 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





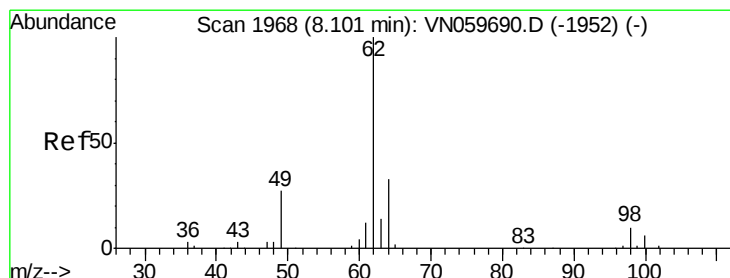
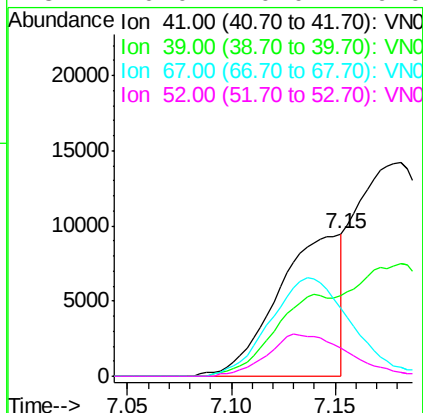
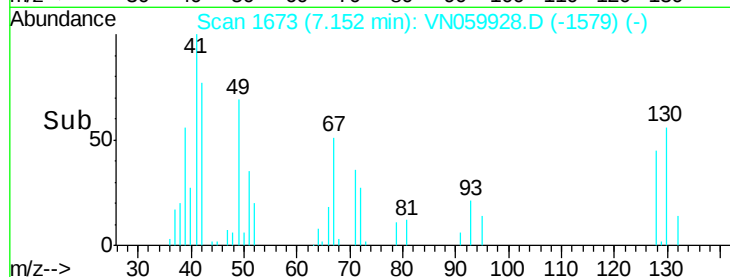
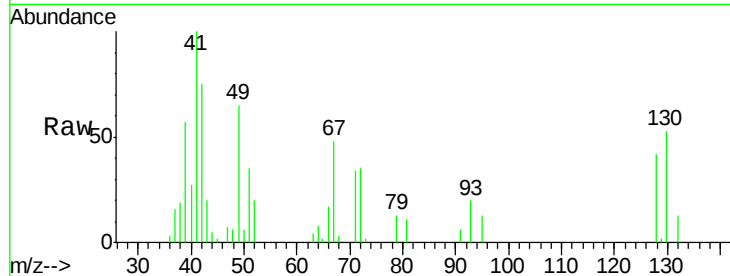
#41
Methacrylonitrile
Concen: 17.795 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion	41	Resp	19993
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

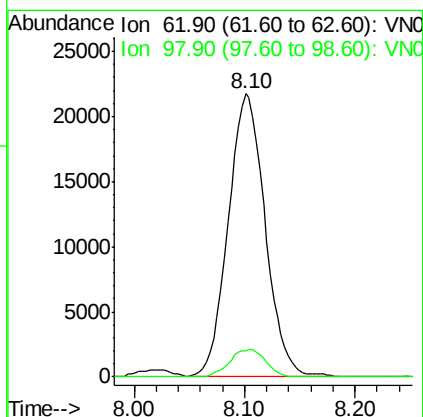
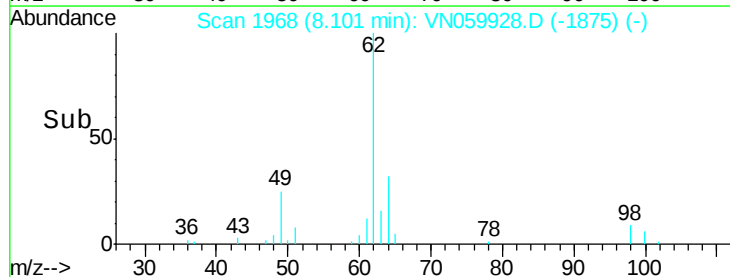
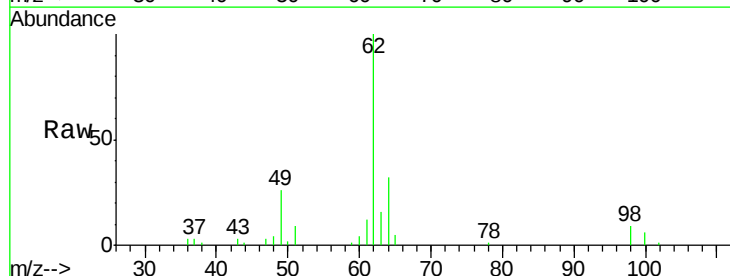
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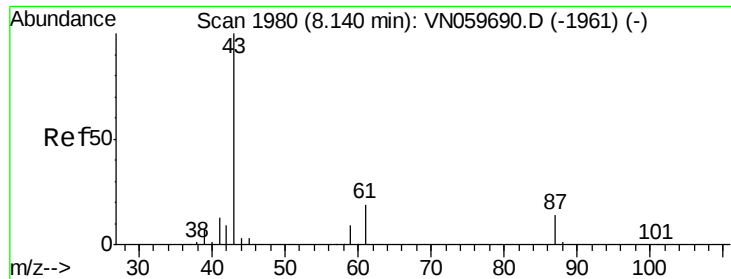
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#42
1,2-Dichloroethane
Concen: 20.549 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	62	Resp	50534
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	15.8





#43

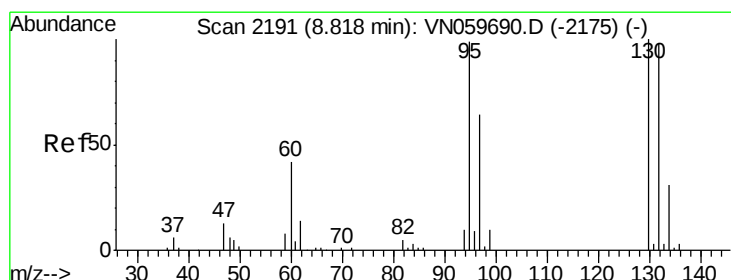
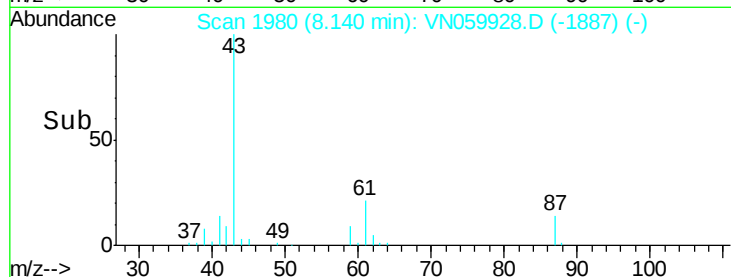
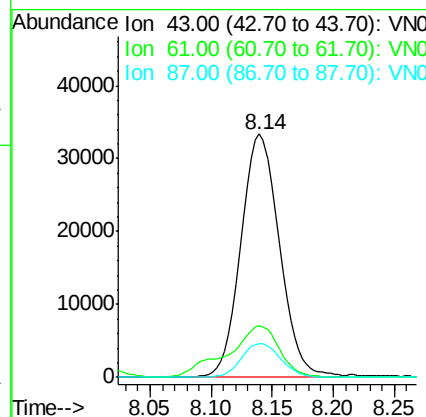
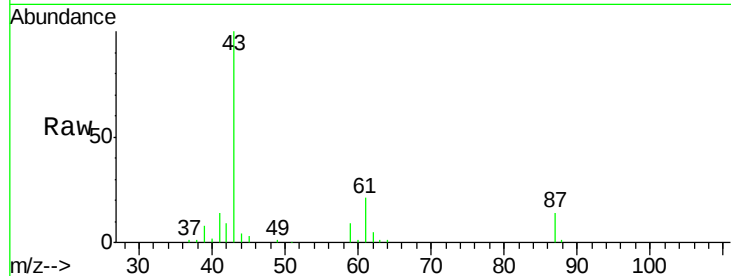
Isopropyl Acetate
 Concen: 18.656 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.3	20.2	30.2
87	14.0	9.5	14.3

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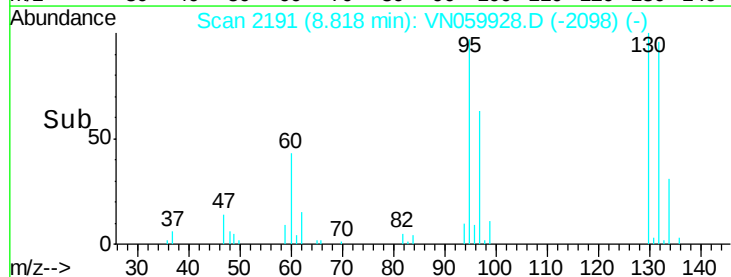
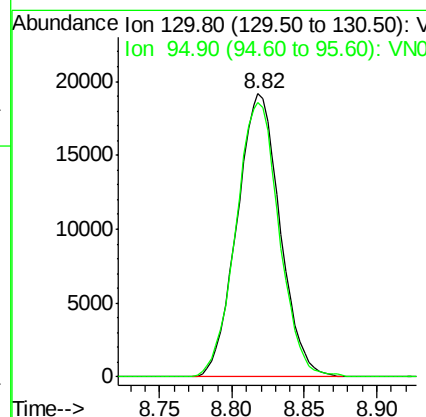
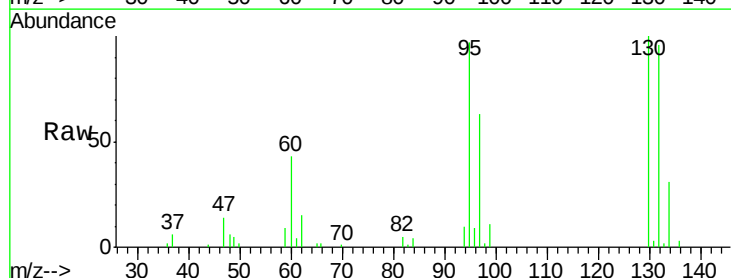
MMDadoda
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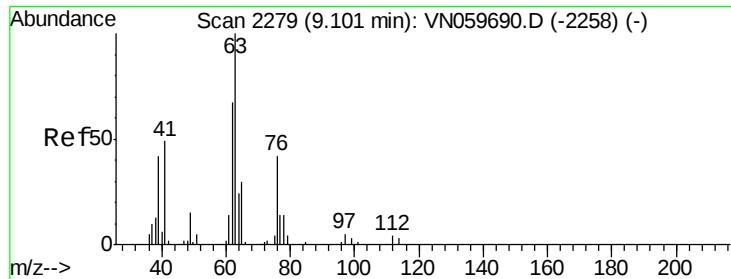


#44

Trichloroethene
 Concen: 19.916 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	207.0





#45

1,2-Dichloropropane

Concen: 19.990 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

VN0130WBSD01

Tot Ion: 63 Resp: 35878

Ion Ratio Lower Upper

63 100

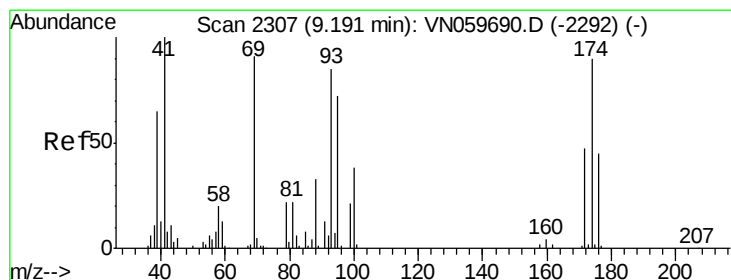
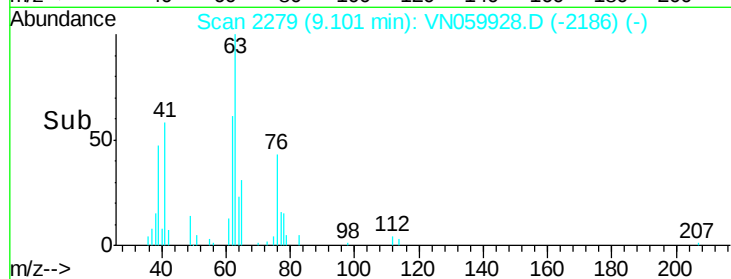
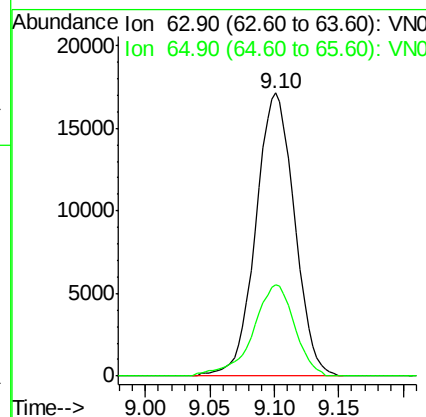
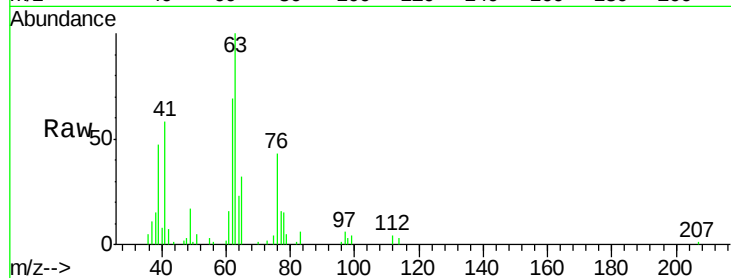
65 32.4 24.9 37.3

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#46

Dibromomethane

Concen: 19.342 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

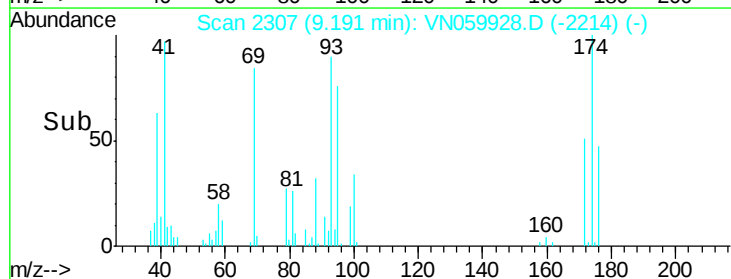
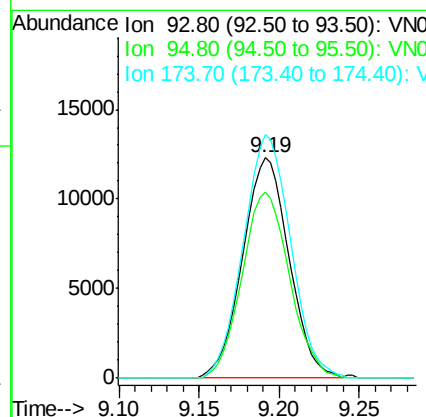
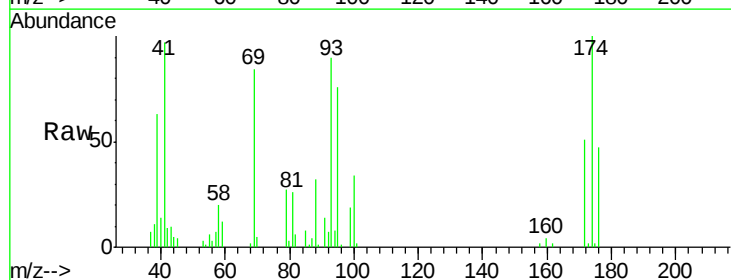
Tgt Ion: 93 Resp: 24488

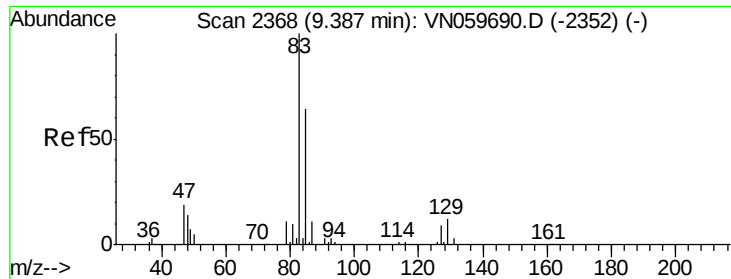
Ion Ratio Lower Upper

93 100

95 85.7 67.0 100.6

174 112.6 73.4 110.2#





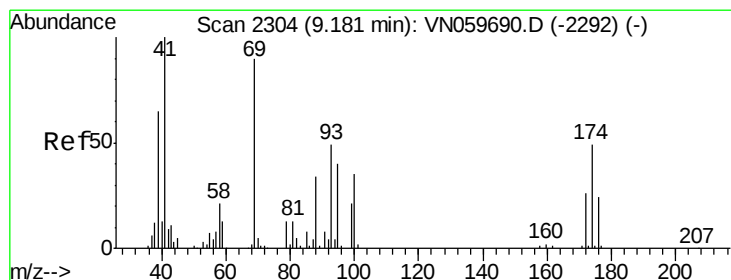
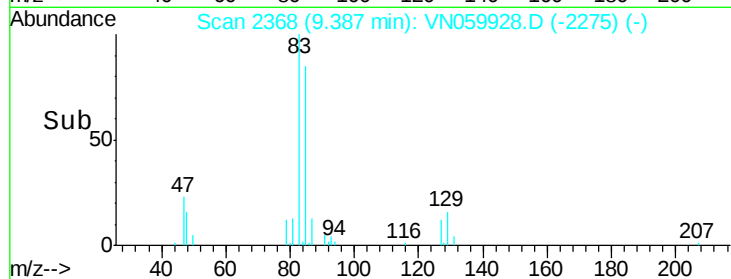
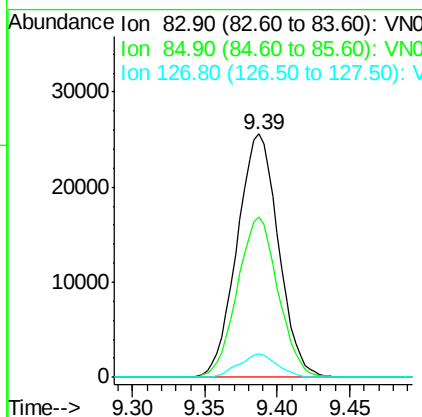
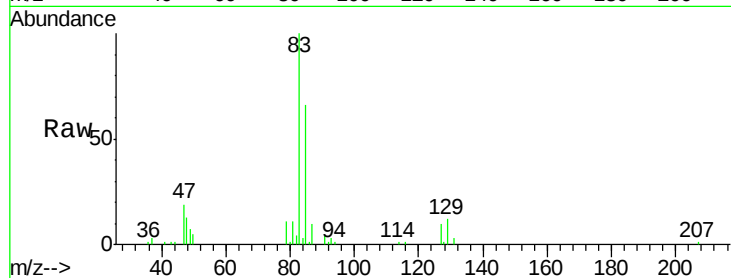
#47
Bromodichloromethane
Concen: 19.926 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.1	76.7
127	9.6	6.6	9.8

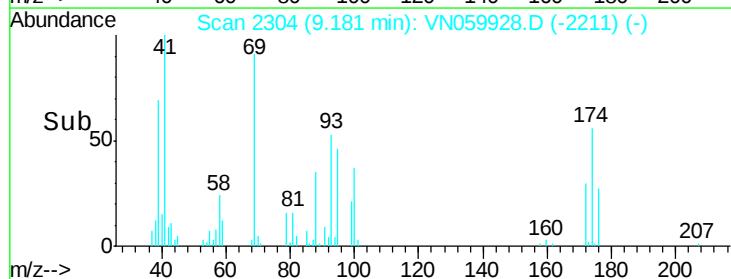
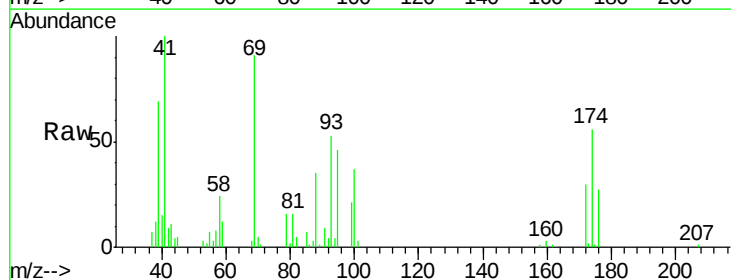
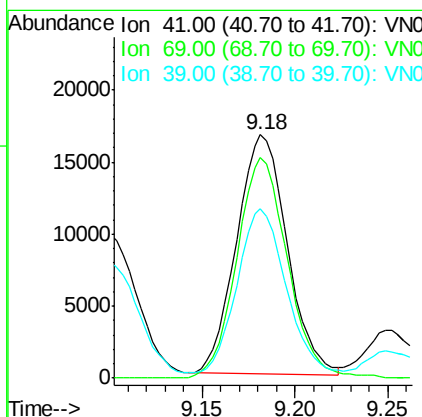
Manual Integrations
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#48
Methyl methacrylate
Concen: 18.001 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.1	64.4	96.6
39	67.1	51.3	76.9





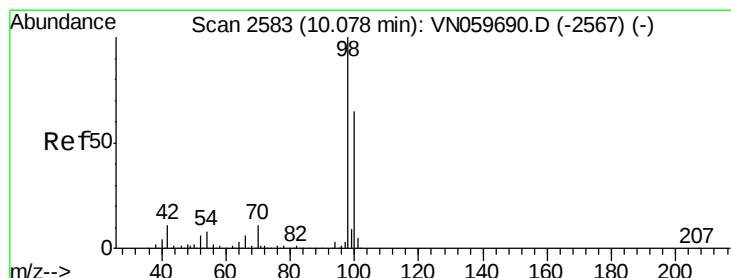
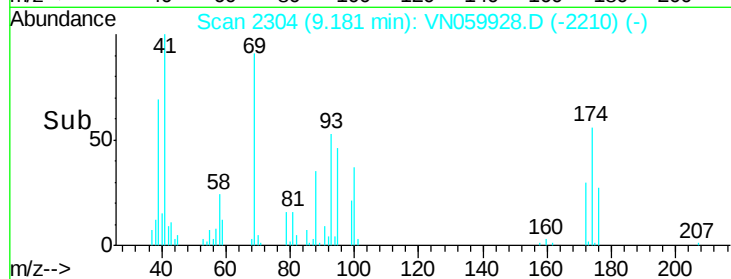
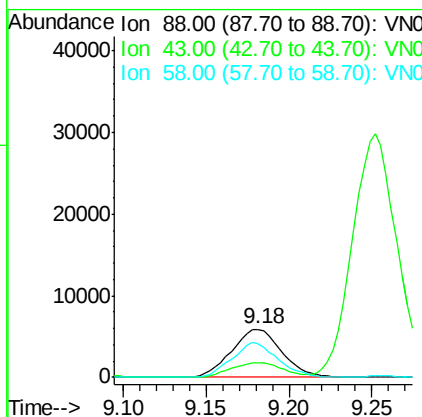
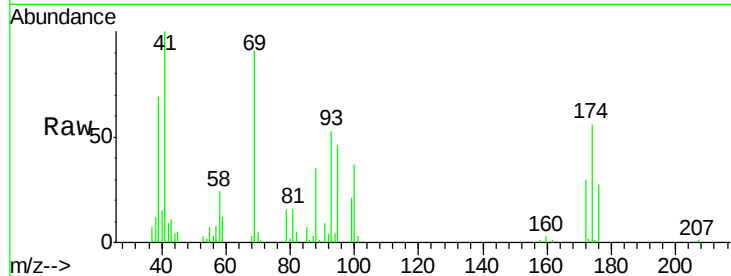
#49
1,4-Dioxane
Concen: 386.089 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion	88	Resp	12404
Ion	Ratio	Lower	Upper
88	100		
43	31.2	29.7	44.5
58	64.8	56.6	85.0

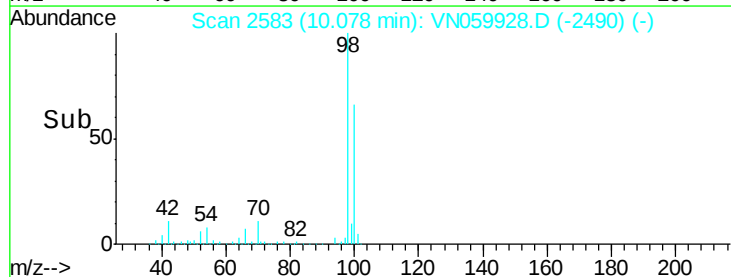
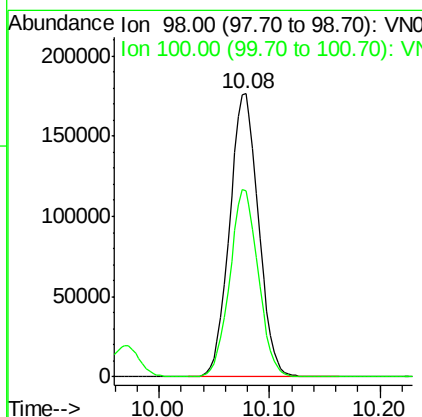
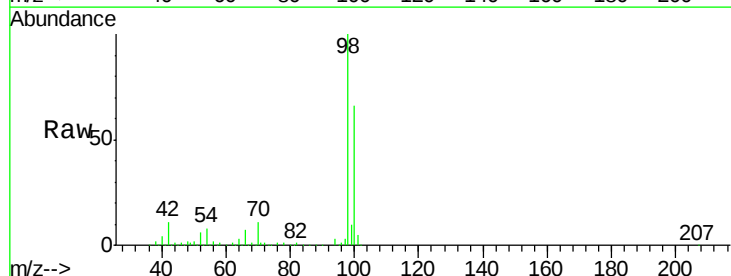
Manual Integrations
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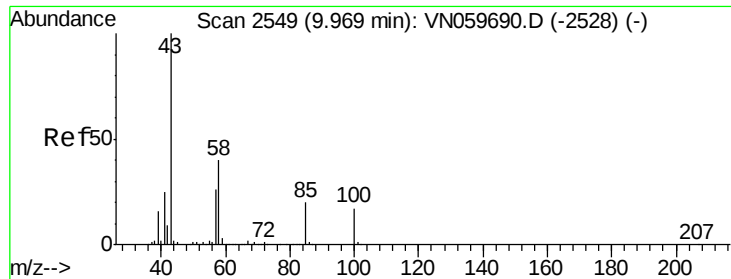
MMDadoda
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#50
Toluene-d8
Concen: 49.750 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	98	Resp	321029
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 94.704 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

VN0130WBSD01

Tot Ion: 43 Resp: 214795

Ion Ratio Lower Upper

43 100

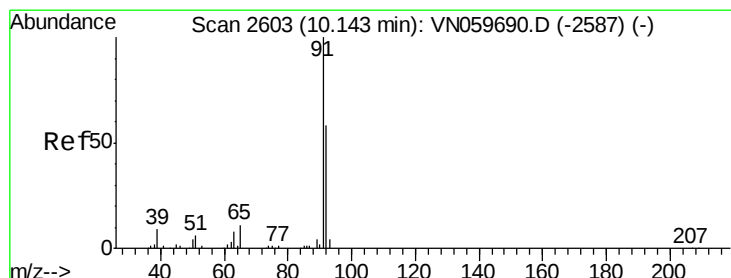
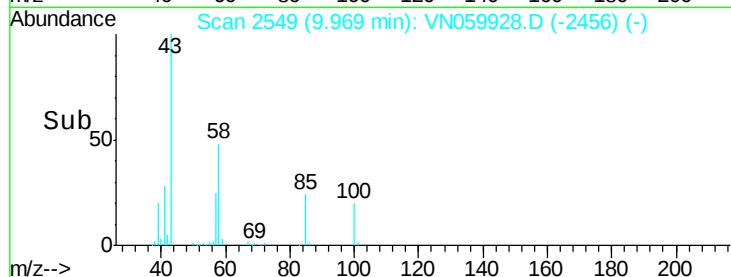
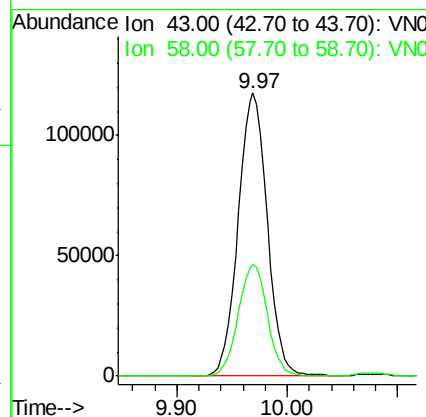
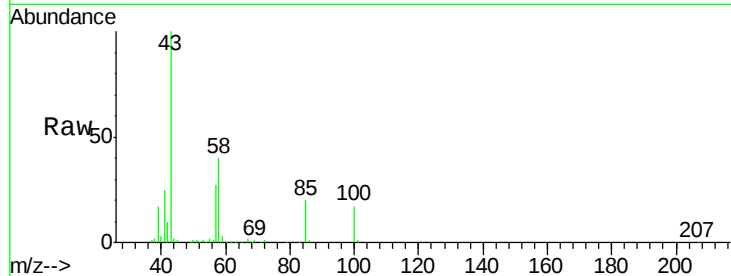
58 39.7 29.8 44.8

Manual Integrations

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#52

Toluene

Concen: 19.491 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059928.D

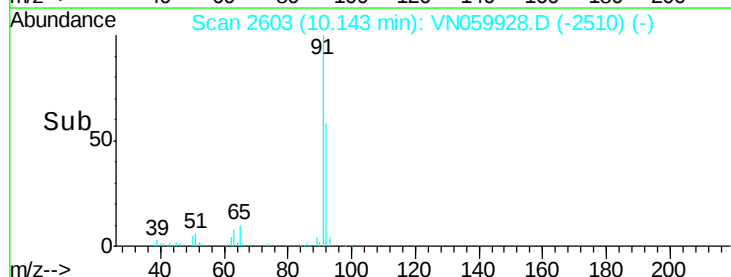
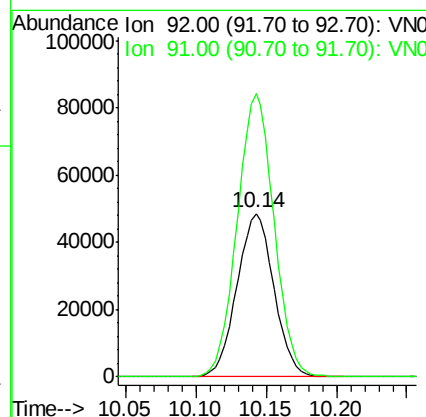
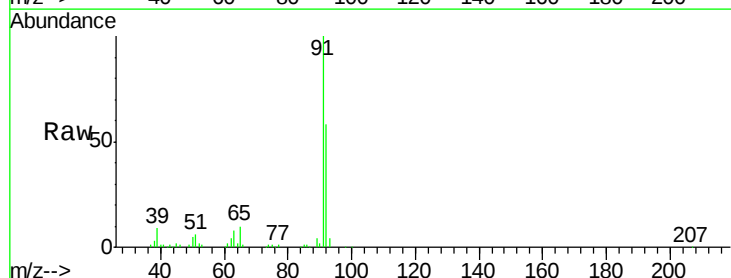
Acq: 30 Jan 2020 15:00

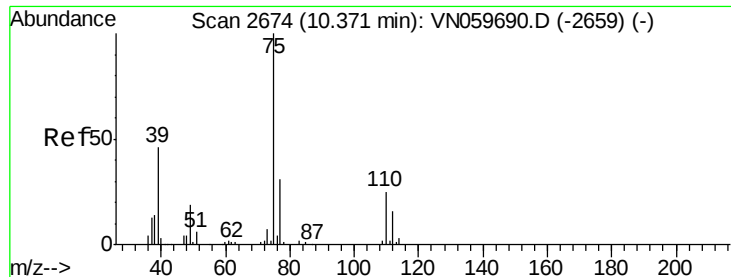
Tgt Ion: 92 Resp: 89296

Ion Ratio Lower Upper

92 100

91 172.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.014 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

Tot Ion: 75 Resp: 57016

Ion Ratio Lower Upper

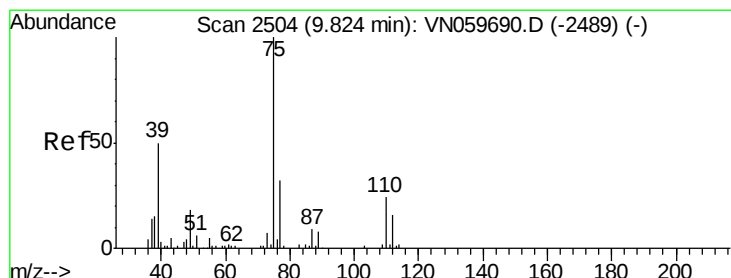
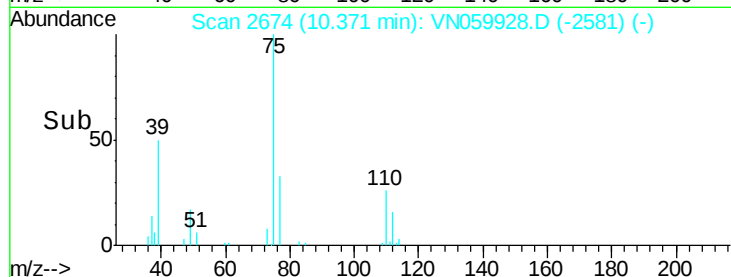
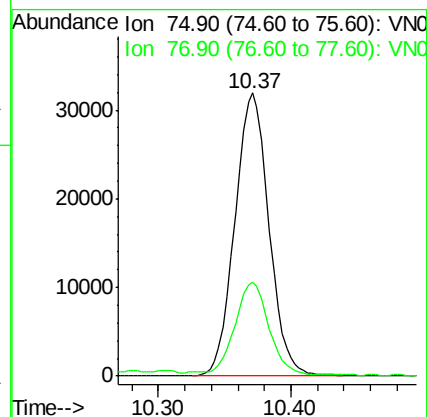
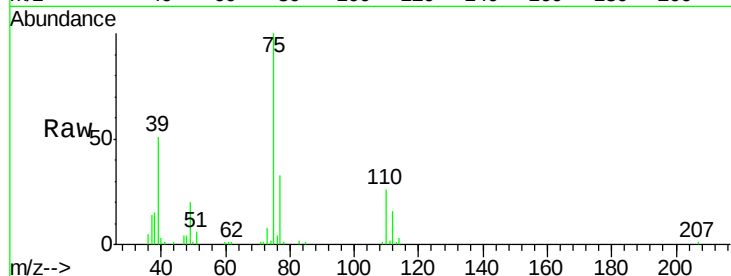
75 100

77 32.9 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 20.485 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

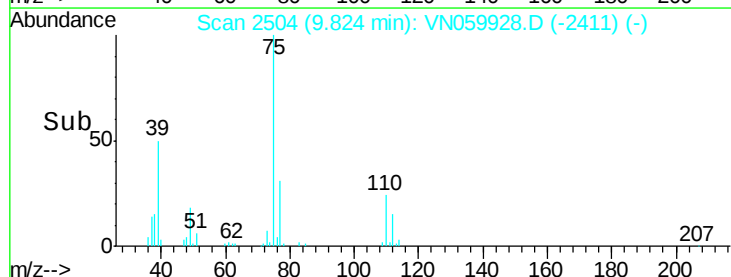
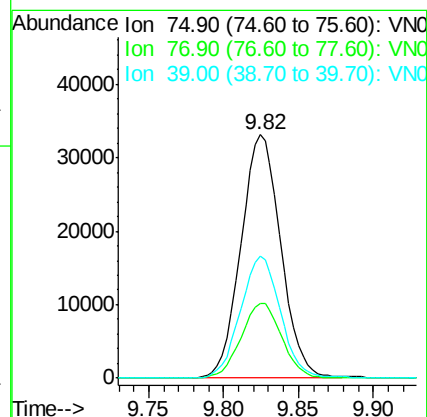
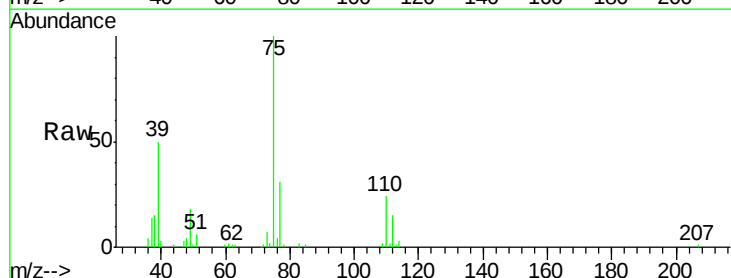
Tgt Ion: 75 Resp: 61403

Ion Ratio Lower Upper

75 100

77 30.5 25.1 37.7

39 50.0 46.1 69.1





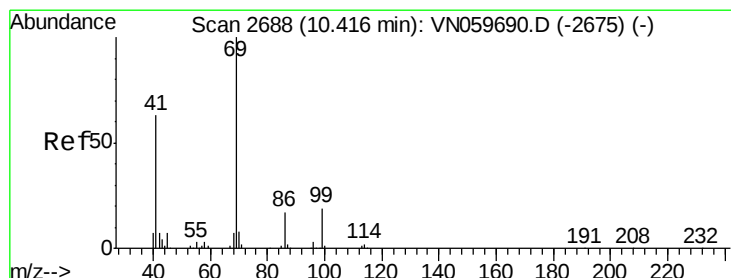
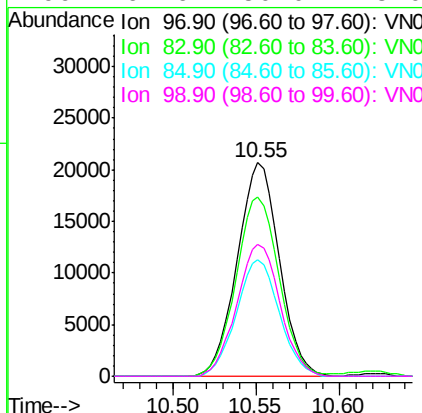
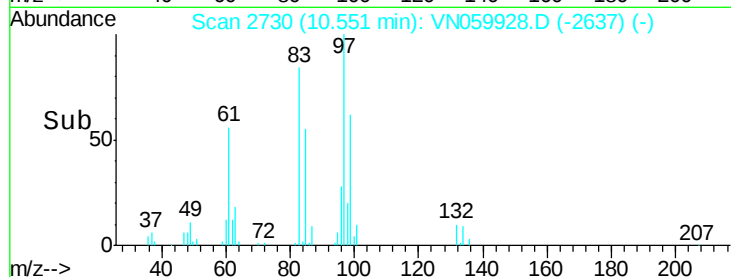
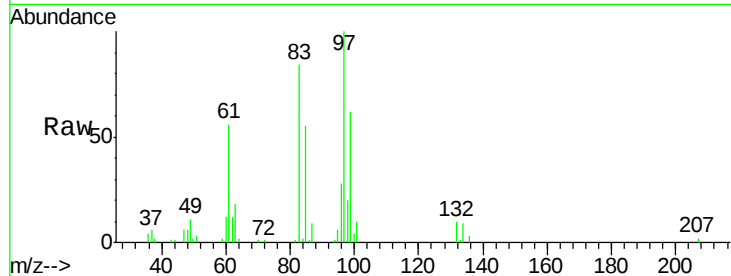
#55
 1,1,2-Trichloroethane
 Concen: 20.095 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.9	71.3	106.9
85	54.7	45.8	68.8
99	61.6	50.0	75.0

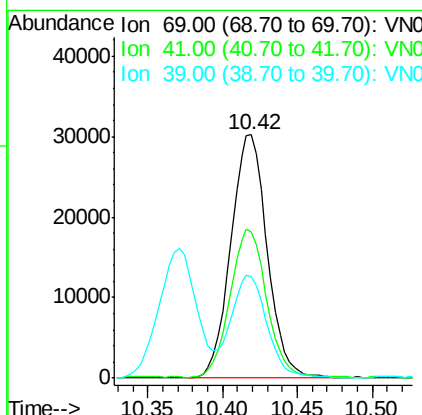
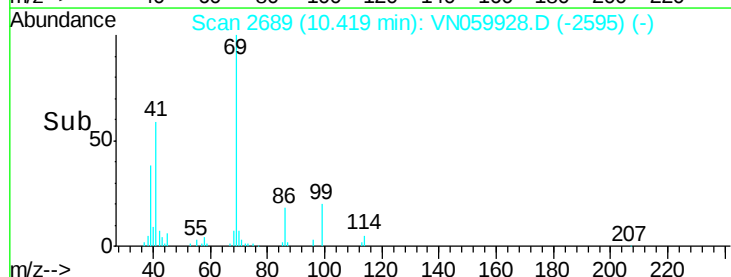
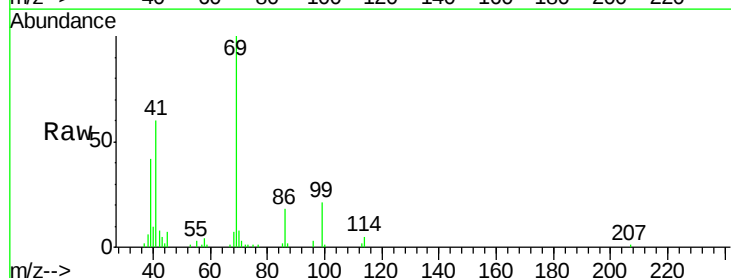
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 18.467 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.2	57.1	85.7
39	42.8	34.7	52.1





#57

1,3-Dichloropropane

Concen: 20.544 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

VN0130WBSD01

Tot Ion: 76 Resp: 59182

Ion Ratio Lower Upper

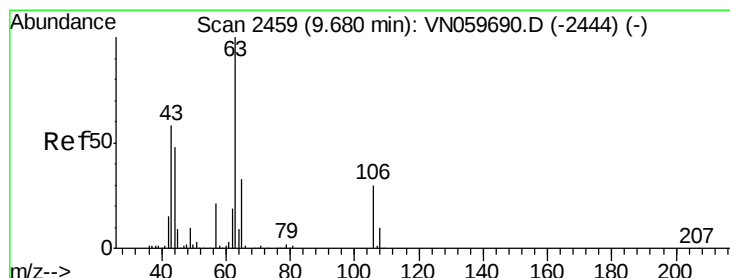
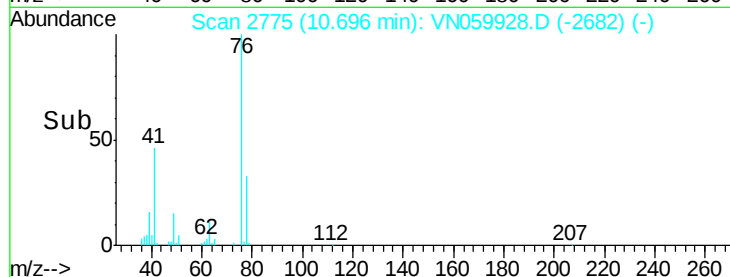
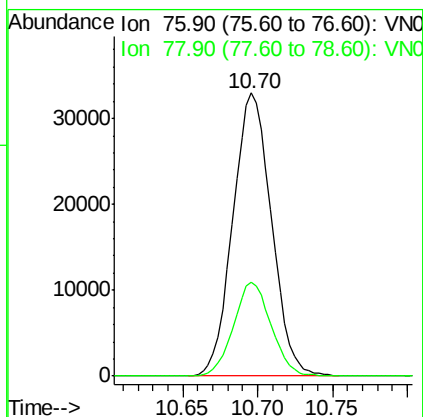
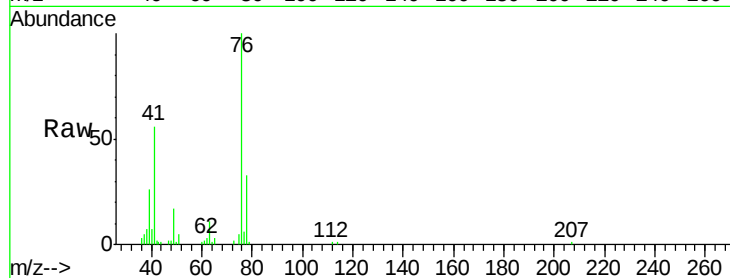
76 100

78 32.3 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 105.679 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059928.D

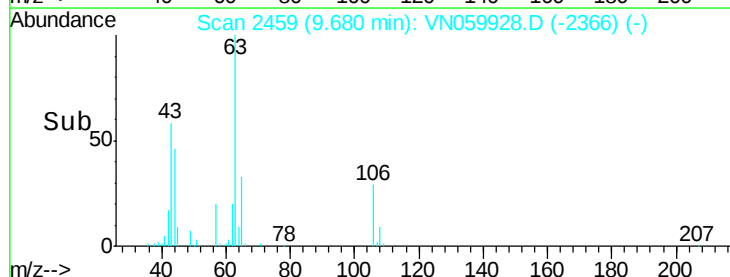
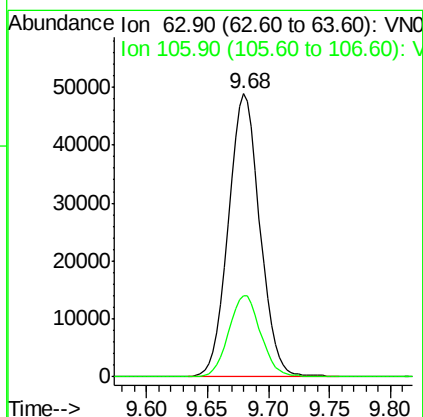
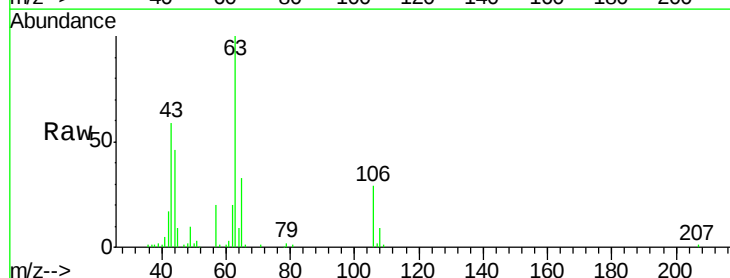
Acq: 30 Jan 2020 15:00

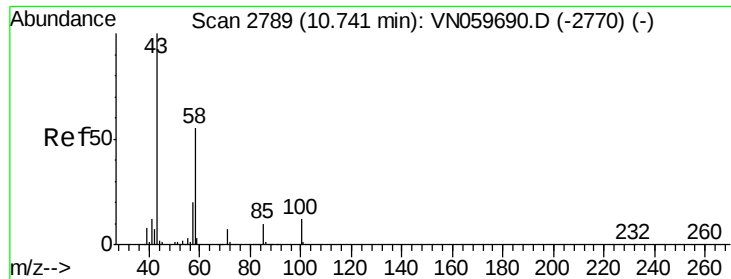
Tgt Ion: 63 Resp: 88255

Ion Ratio Lower Upper

63 100

106 29.0 20.2 30.2





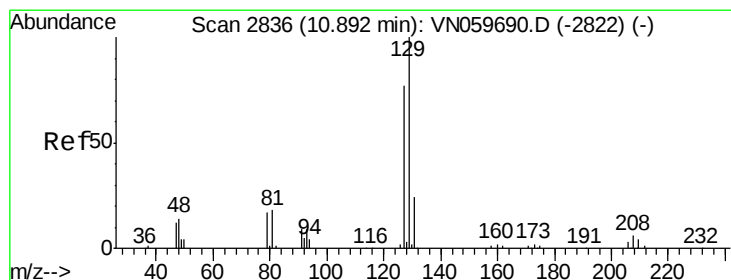
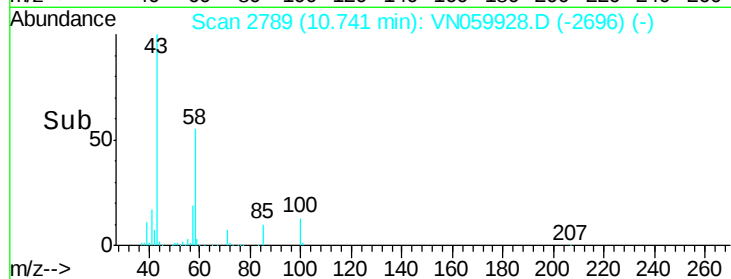
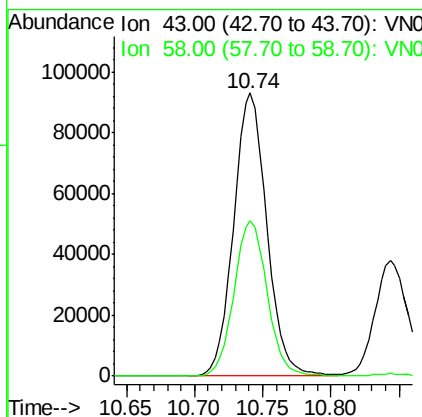
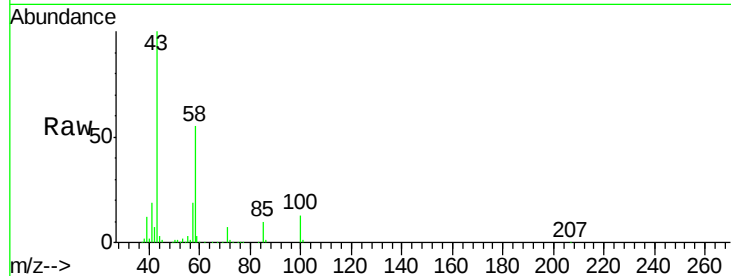
#59
2-Hexanone
Concen: 93.580 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampled :
VN0130WBSD01

Tot Ion	43	Resp	156361
Ion	Ratio	Lower	Upper
43	100		
58	55.3	25.8	77.3

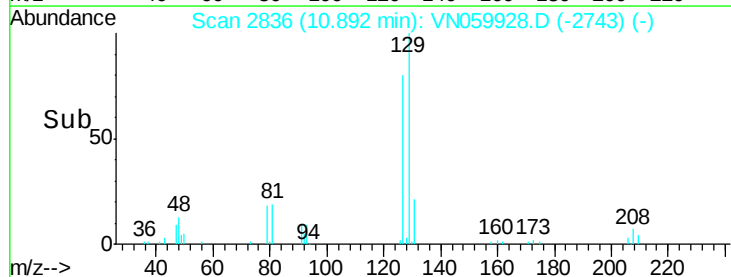
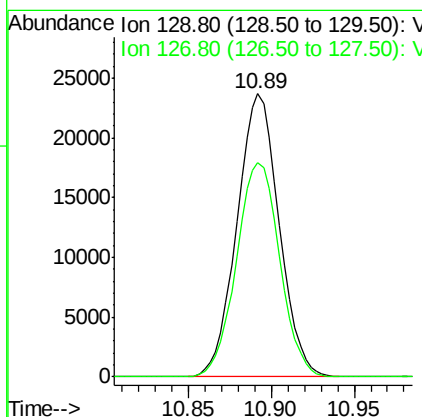
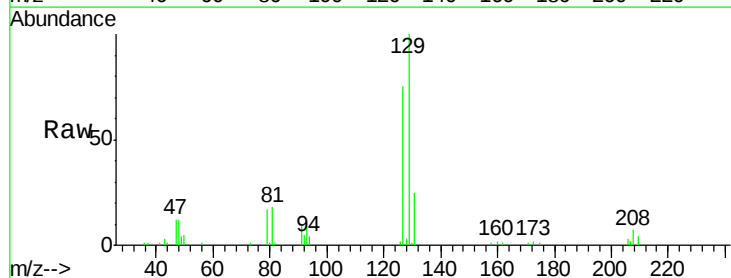
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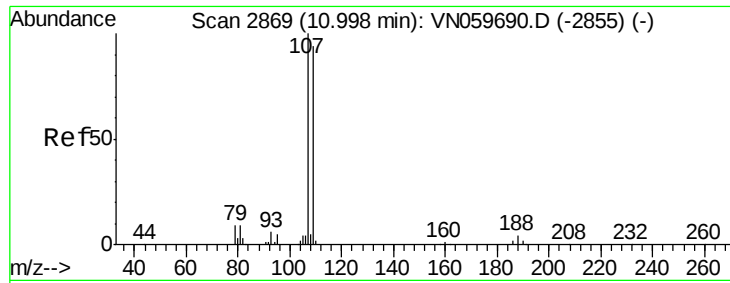
MMDadoda
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#60
Dibromochloromethane
Concen: 20.283 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	129	Resp	41912
Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.5	115.5





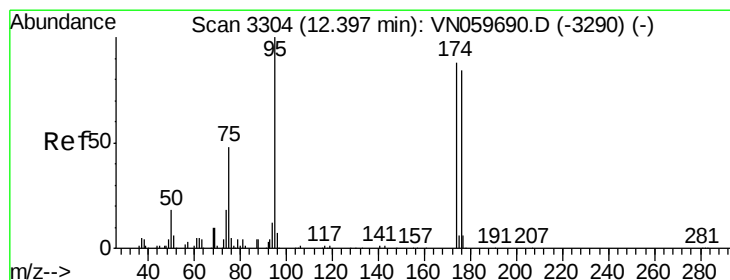
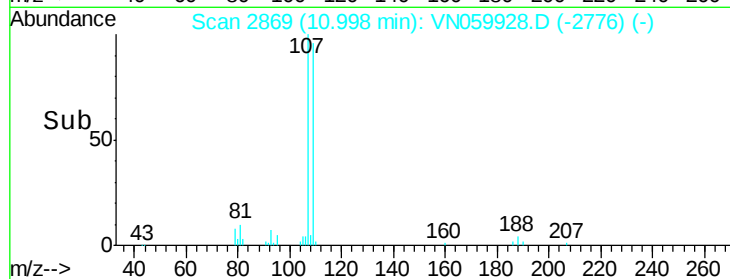
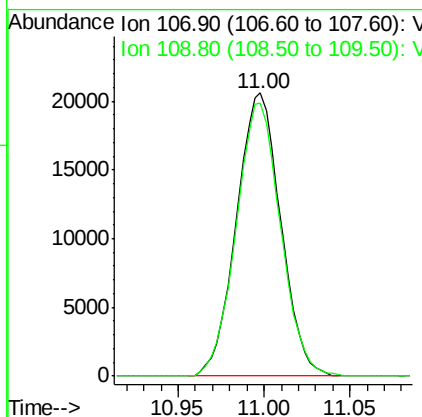
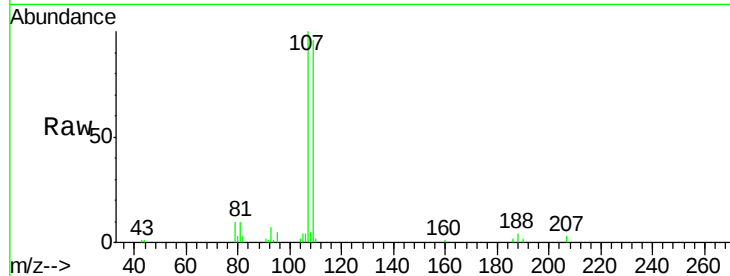
#61
 1,2-Dibromoethane
 Concen: 19.379 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.0	76.6	115.0

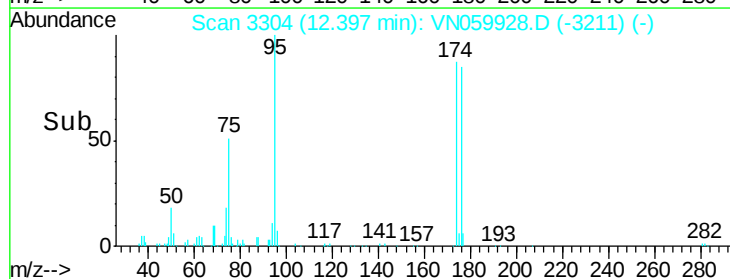
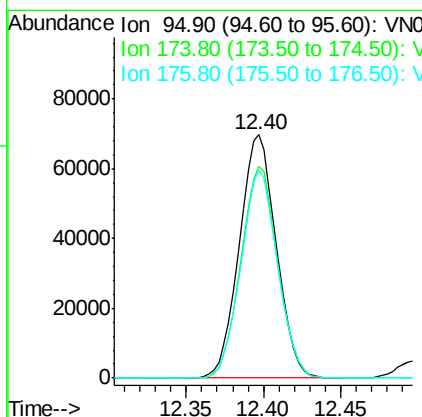
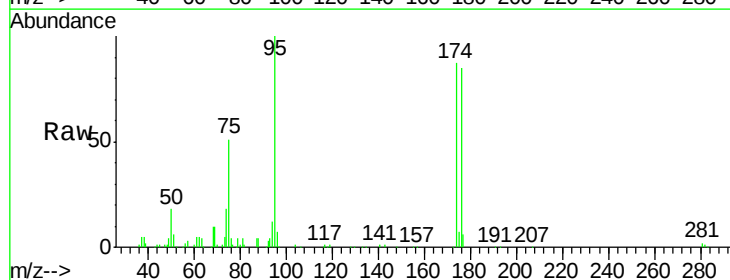
Manual Integrations
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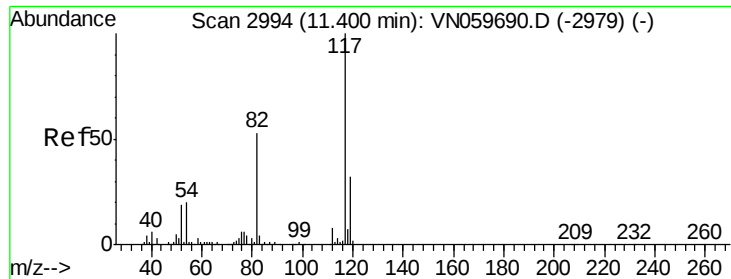
MMDadoda
 2/3/2020 10:40:47 AM



#62
 4-Bromofluorobenzene
 Concen: 49.743 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	151.4
176	84.9	0.0	146.0





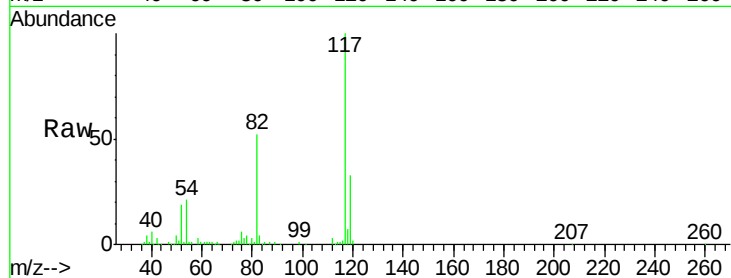
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	254931		
82	52.5		45.9	68.9
119	33.1		25.5	38.3

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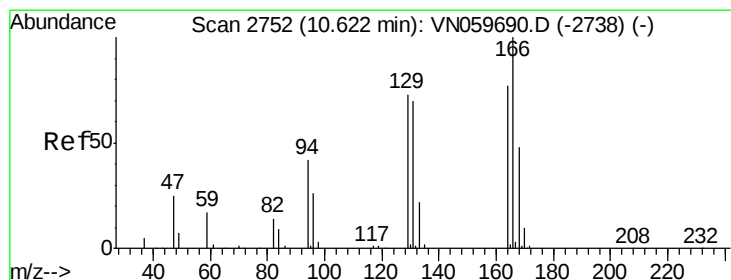
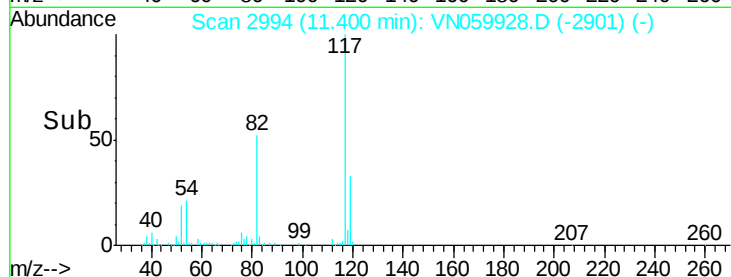
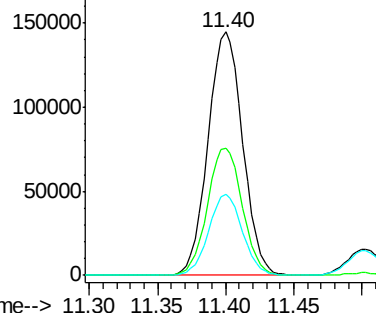


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.401 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	40310		
166	130.5		101.4	152.0
129	97.2		80.2	120.4
131	89.2		75.0	112.4

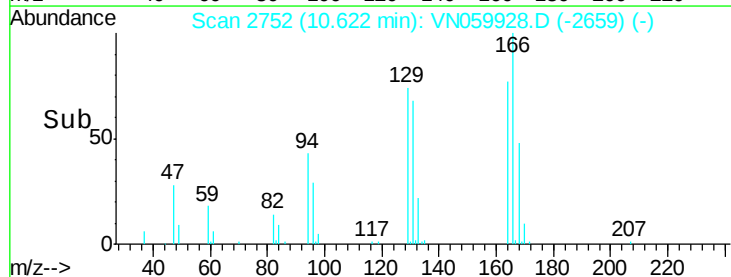
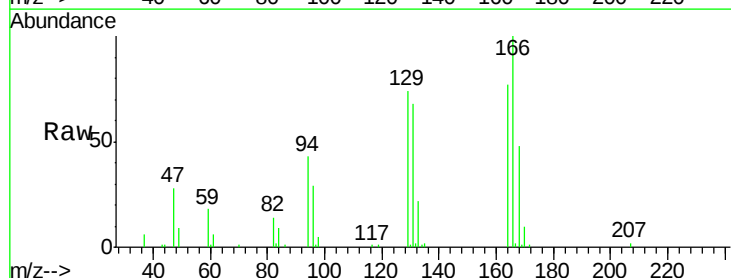
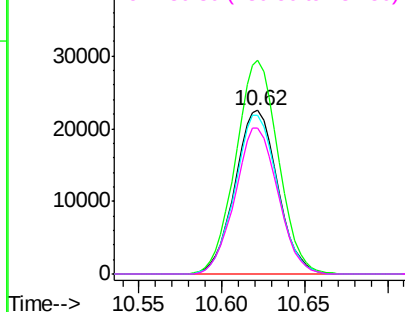
Abundance

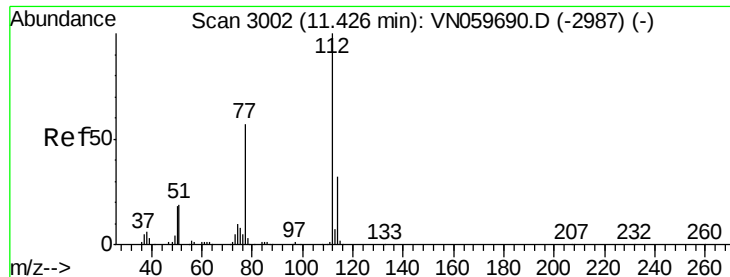
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.856 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

Tot Ion:112 Resp: 99496

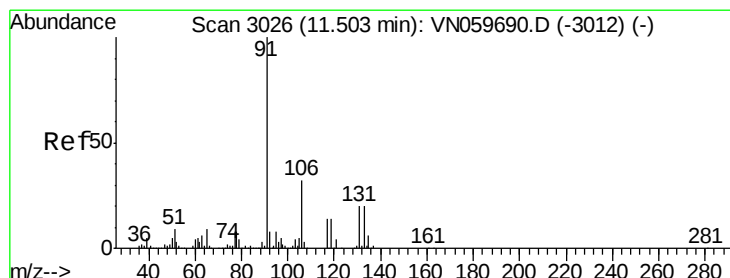
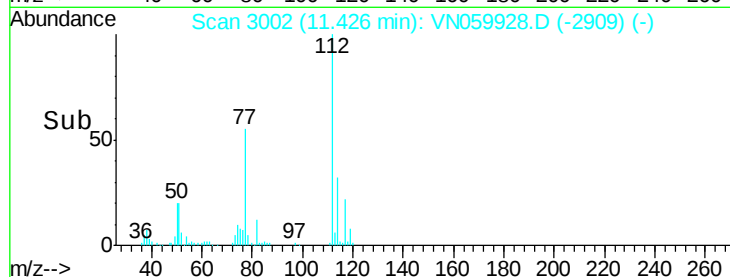
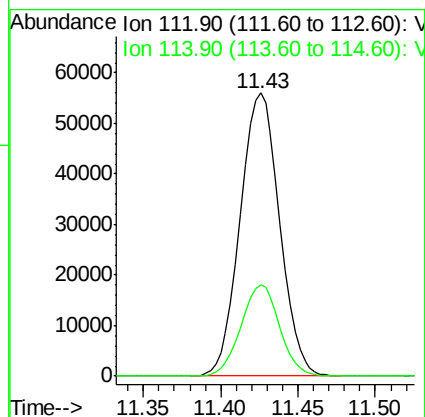
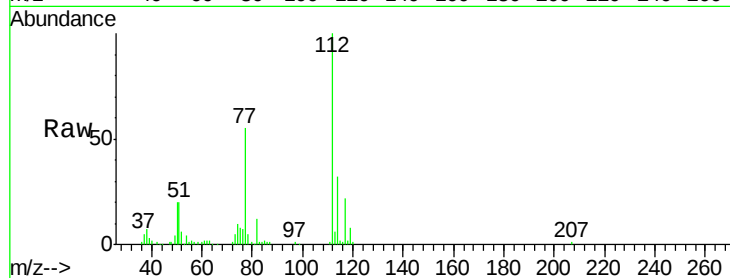
Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 20.017 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

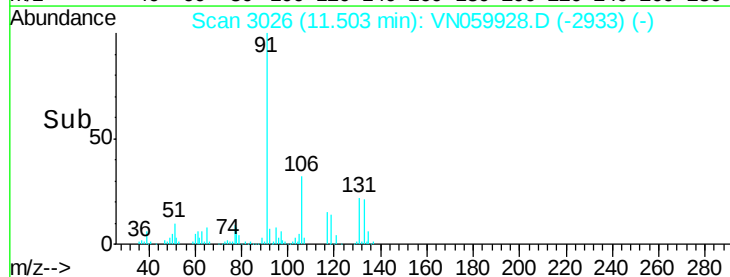
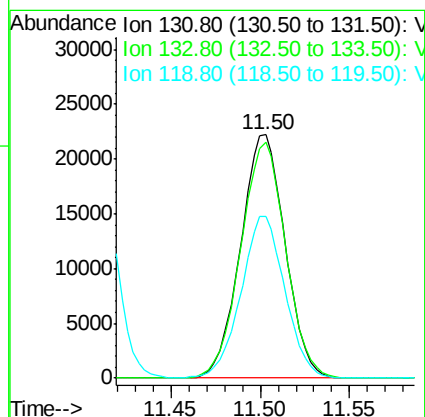
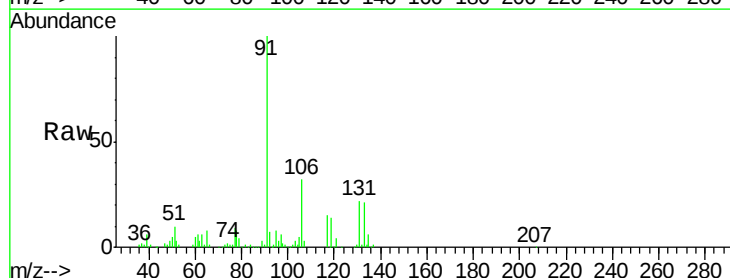
Tgt Ion:131 Resp: 38755

Ion Ratio Lower Upper

131 100

133 97.8 47.4 142.2

119 65.8 33.1 99.3





#67

Ethyl Benzene

Concen: 18.945 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

VN0130WBSD01

Tot Ion: 91 Resp: 172330

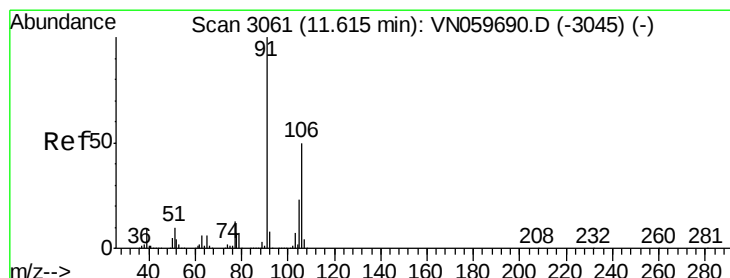
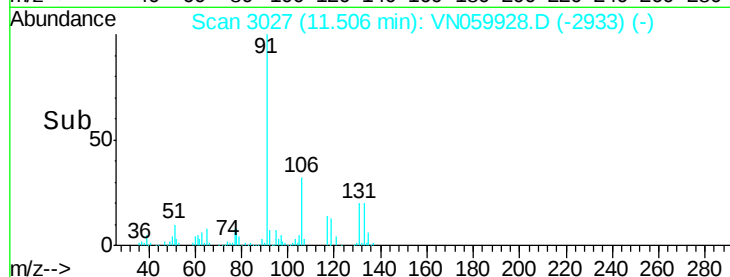
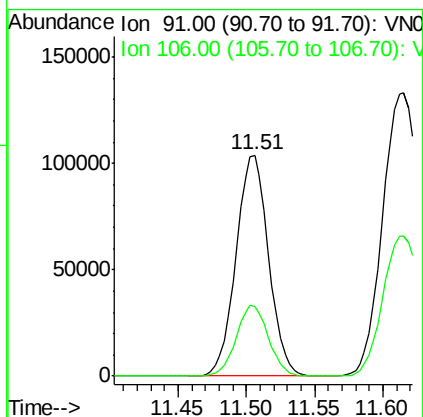
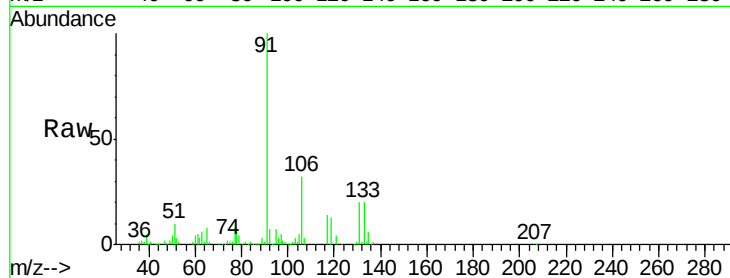
Ion Ratio Lower Upper

91 100

106 31.5 24.1 36.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.053 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059928.D

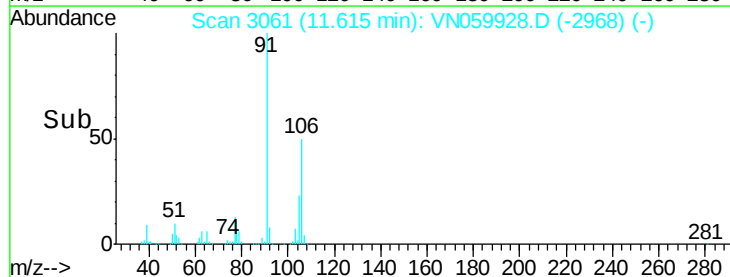
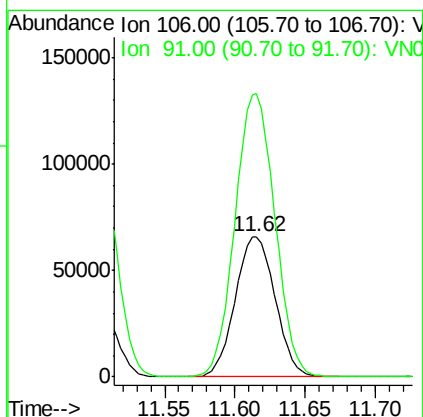
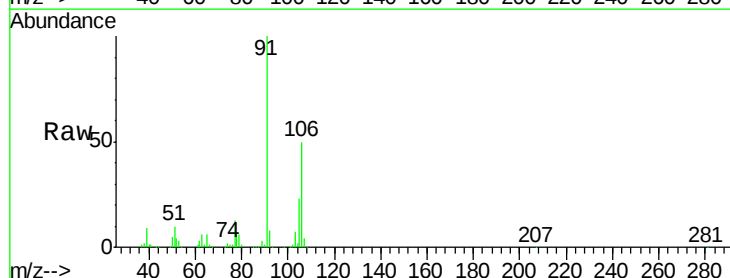
Acq: 30 Jan 2020 15:00

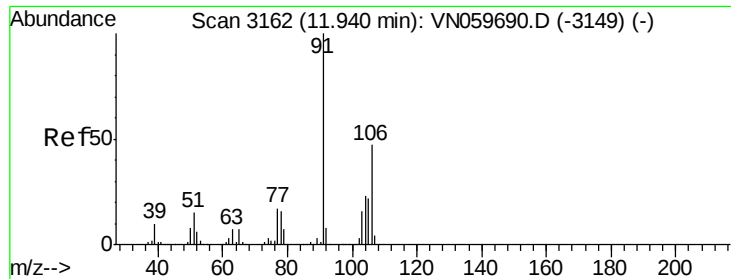
Tgt Ion: 106 Resp: 130748

Ion Ratio Lower Upper

106 100

91 201.8 167.9 251.9





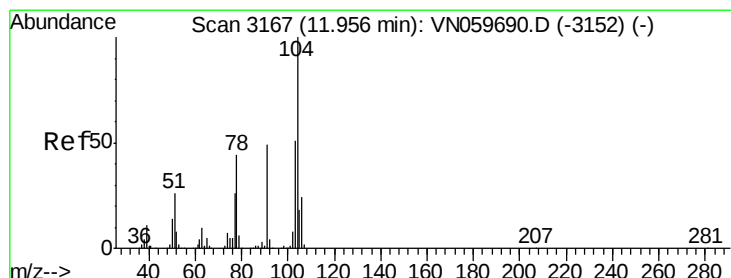
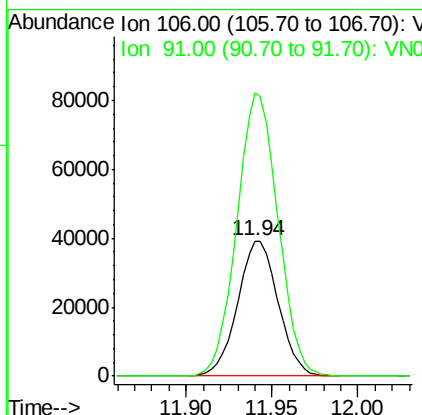
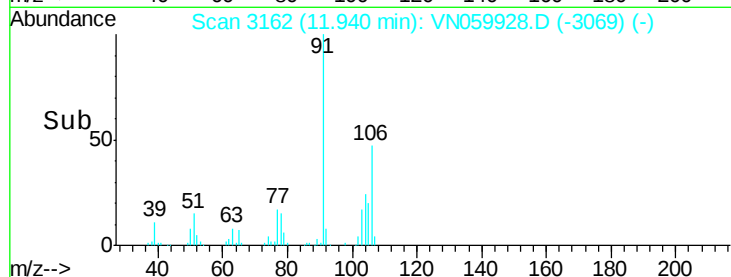
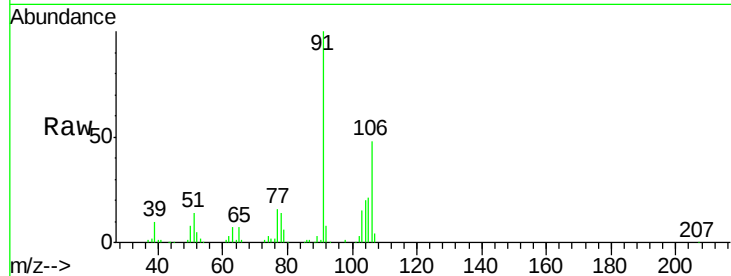
#69
o-Xylene
Concen: 19.140 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampled :
VN0130WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		64385		
91	212.3	110.3	330.9		

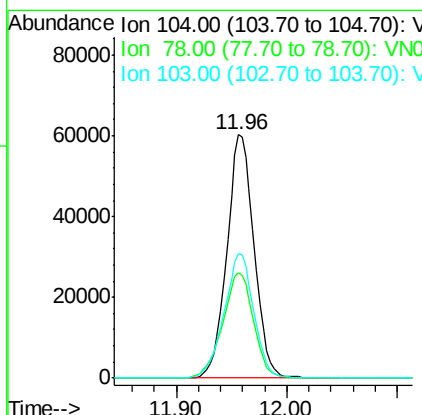
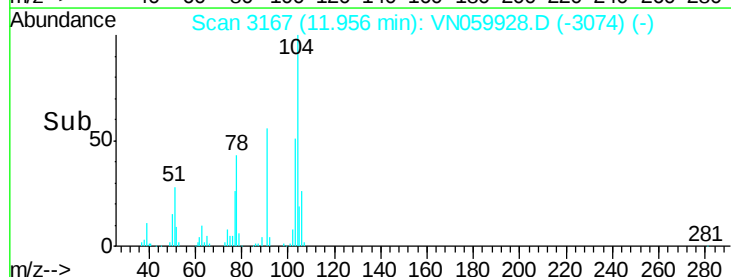
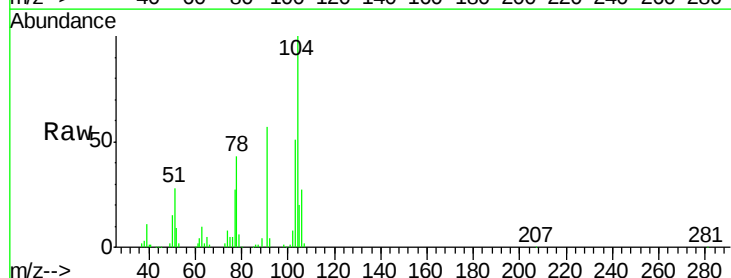
Manual Integrations
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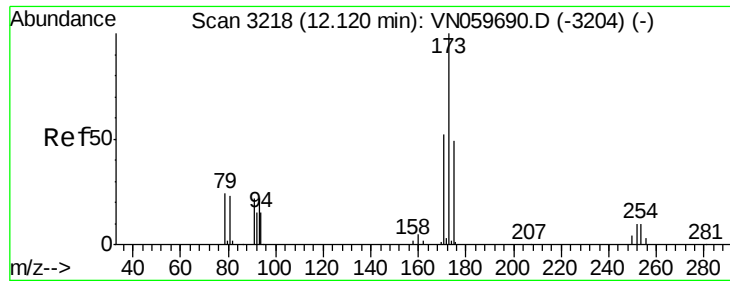
MMDadoda
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#70
Styrene
Concen: 18.306 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		103045		
78	48.6	42.4	63.6		
103	55.4	43.9	65.9		





#71

Bromoform

Concen: 19.578 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

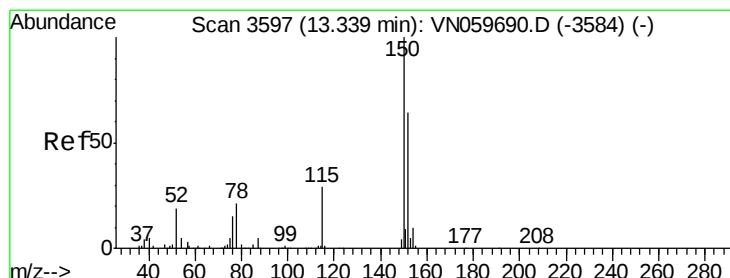
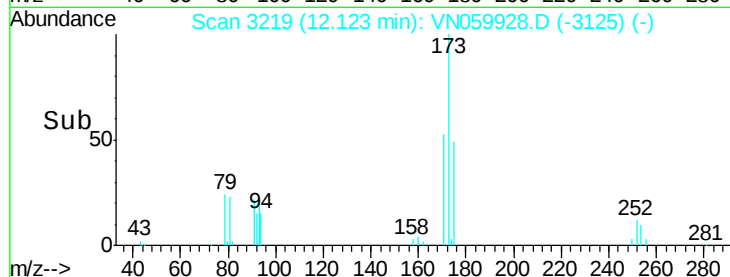
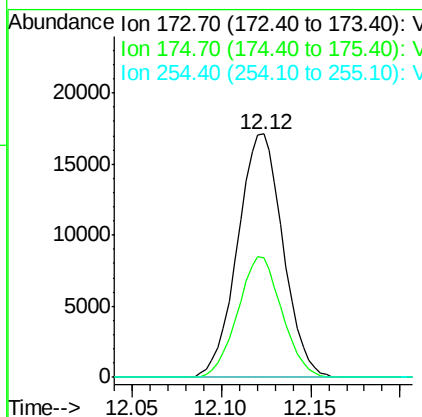
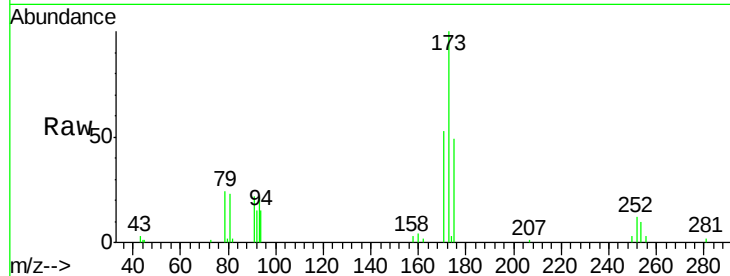
ClientSampleId :

VN0130WBSD01

Tot Ion:	173	Resp:	30363
Ion Ratio	Lower	Upper	
173	100		
175	48.2	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

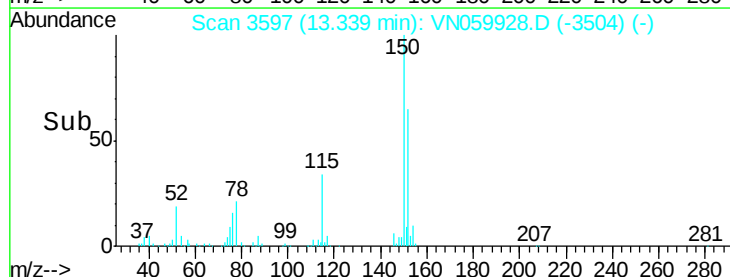
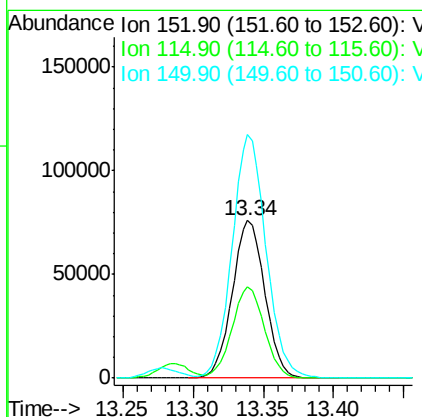
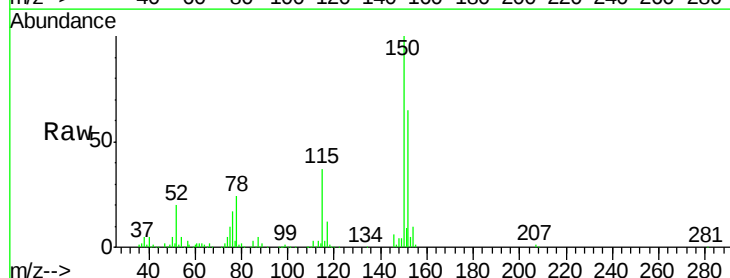
RT: 13.34 min Scan# 3597

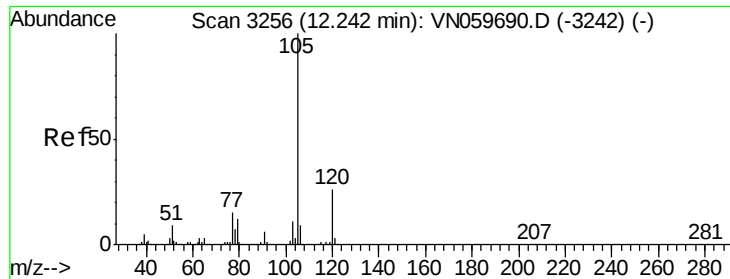
Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Tgt Ion:	152	Resp:	122643
Ion Ratio	Lower	Upper	
152	100		
115	57.8	30.3	90.9
150	160.2	0.0	345.2





#73

Isopropylbenzene

Concen: 19.115 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

Tot Ion: 105 Resp: 171932

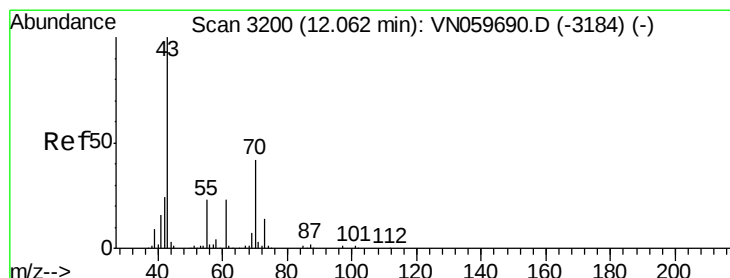
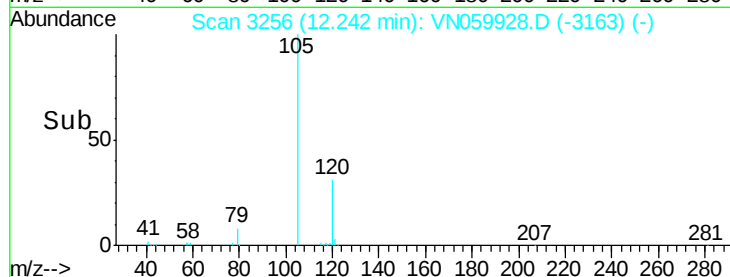
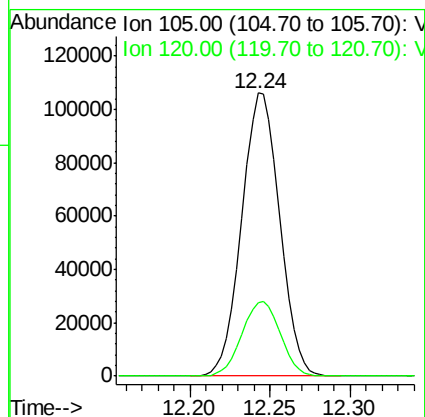
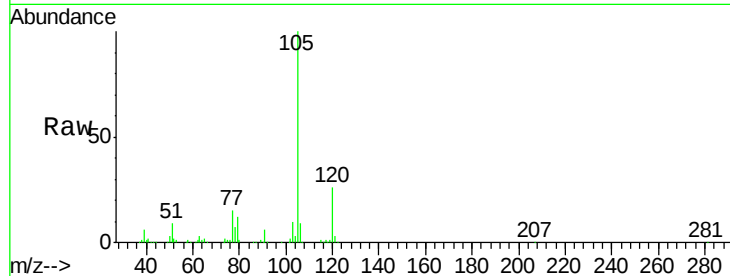
Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5

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#74

N-ethyl acetate

Concen: 17.544 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Tgt Ion: 43 Resp: 61231

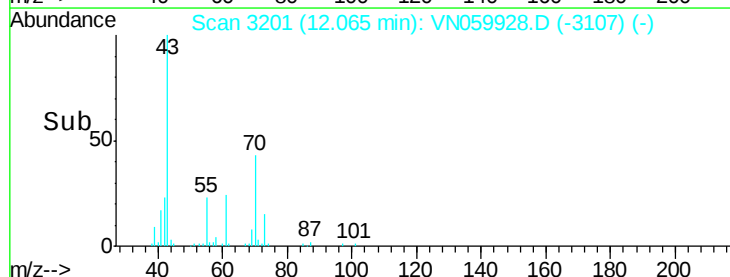
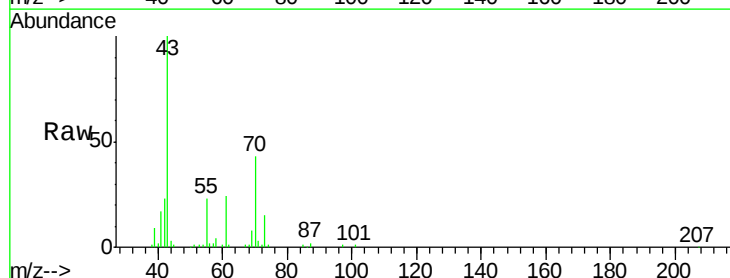
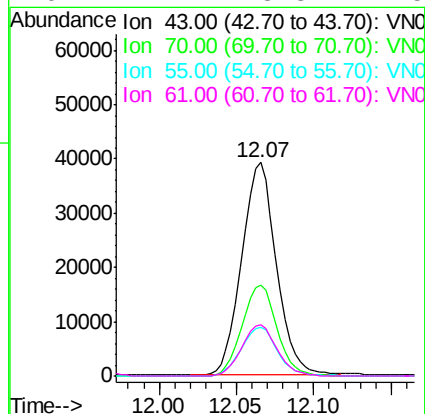
Ion Ratio Lower Upper

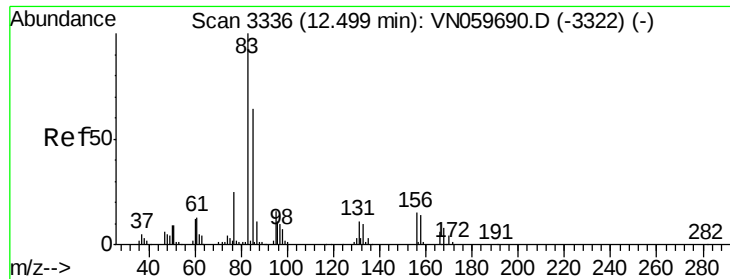
43 100

70 42.9 31.3 46.9

55 23.7 19.8 29.6

61 24.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.356 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

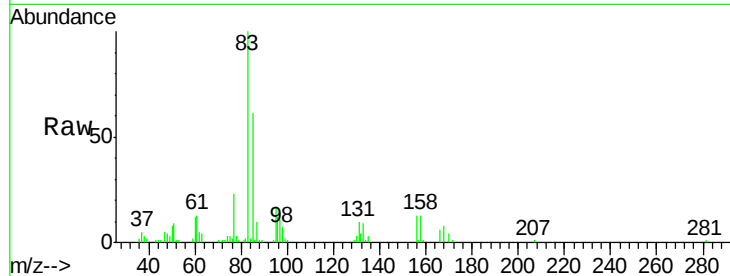
ClientSampleId :

VN0130WBSD01

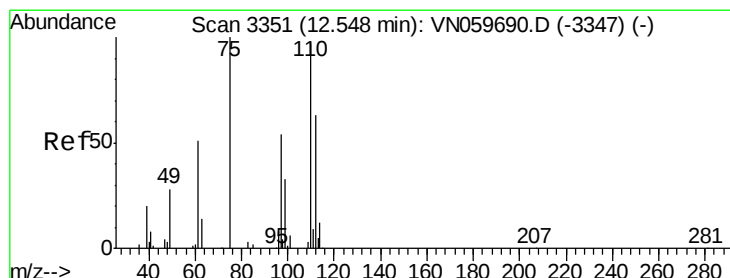
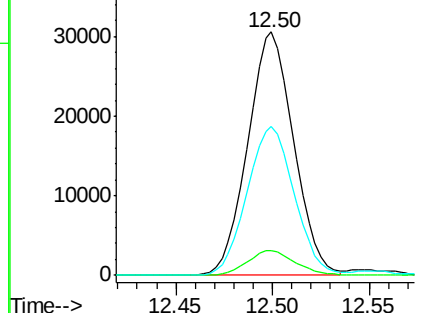
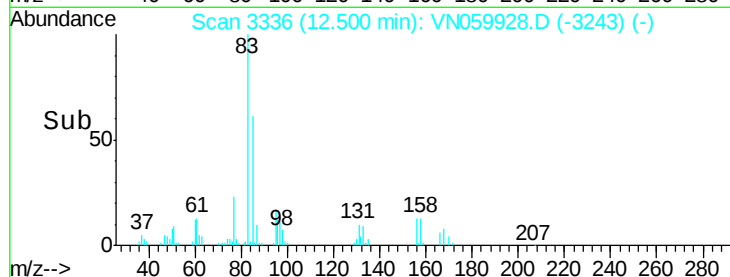
Tot Ion:	83	Resp:	50471
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	14.9
85	62.9	31.9	95.5

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN059928.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 24.366 ug/l m

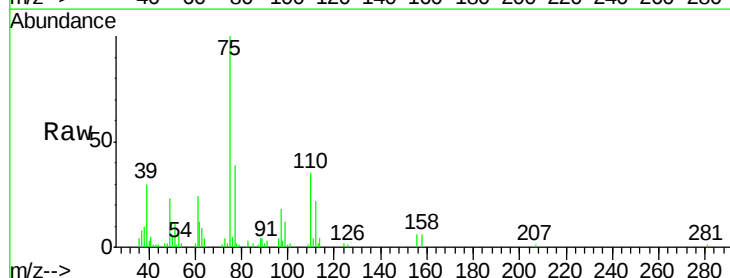
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

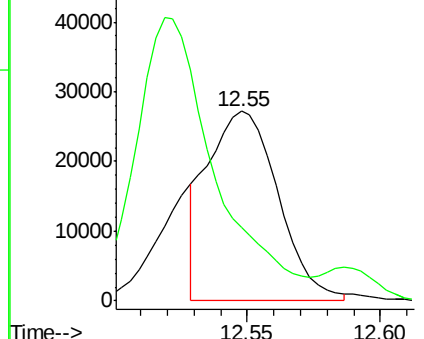
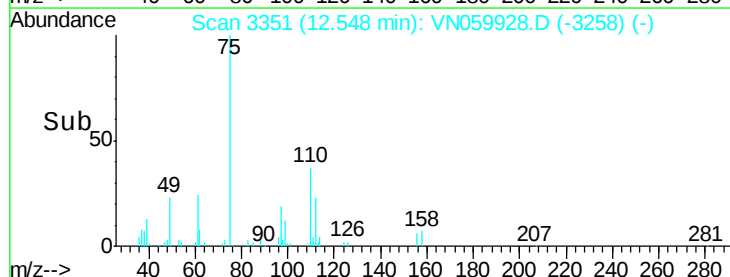
Lab File: VN059928.D

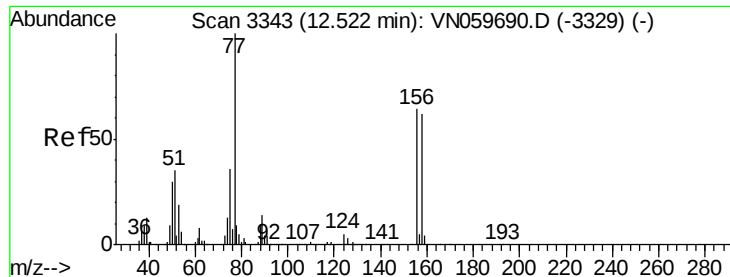
Acq: 30 Jan 2020 15:00

Tgt Ion:	75	Resp:	50290
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059928.D (-3258) (-)





#77

Bromobenzene

Concen: 19.213 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

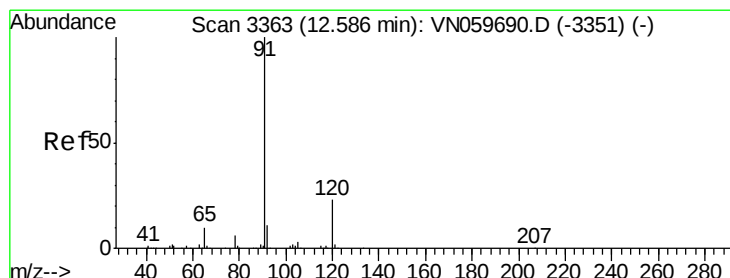
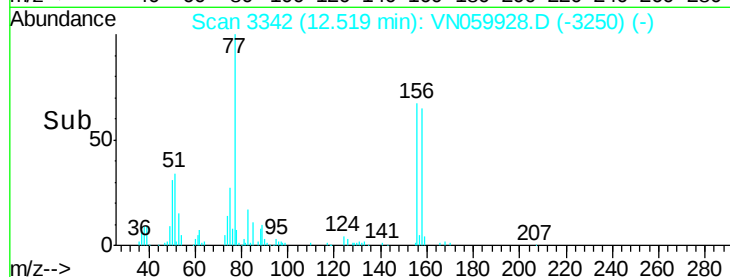
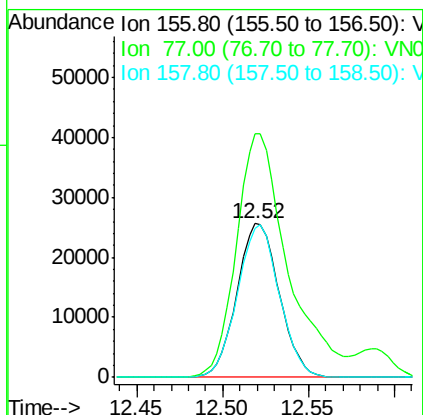
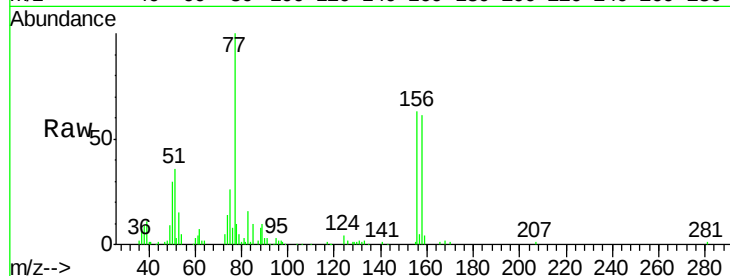
ClientSampleId :

VN0130WBSD01

Tot Ion:	156	Resp:	43763
Ion Ratio	Lower	Upper	
156	100		
77	193.7	115.8	347.4
158	97.9	49.2	147.6

Manual Integrations
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2/3/2020 10:40:47 AM



#78

n-propylbenzene

Concen: 19.015 ug/l

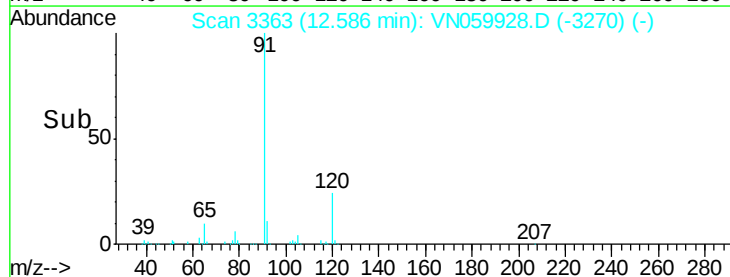
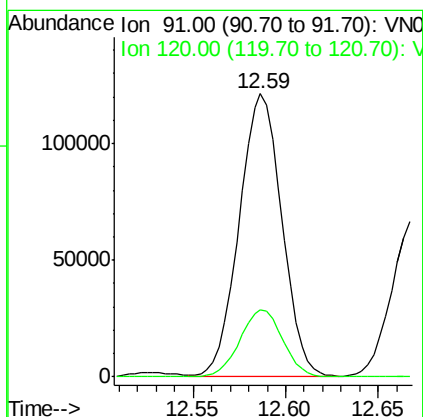
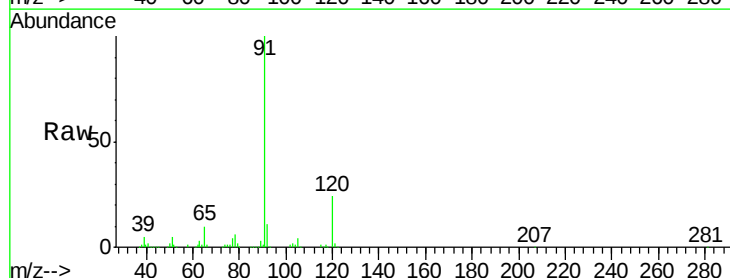
RT: 12.59 min Scan# 3363

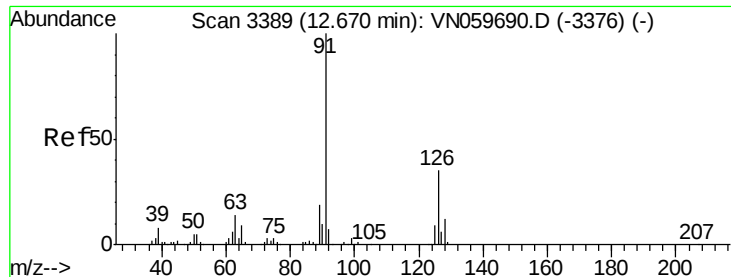
Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Tgt Ion:	91	Resp:	191964
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.1	33.3





#79

2-Chlorotoluene

Concen: 18.933 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

VN0130WBSD01

Tot Ion: 91 Resp: 113707

Ion Ratio Lower Upper

91 100

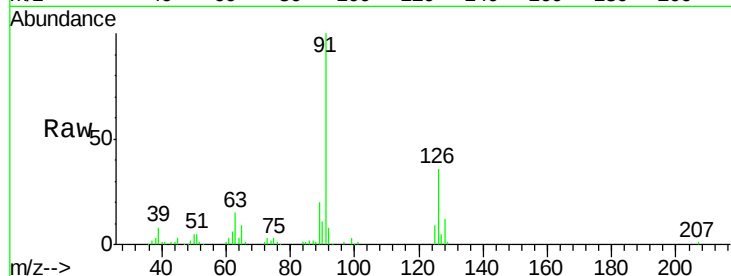
126 35.3 16.3 48.9

Manual Integrations

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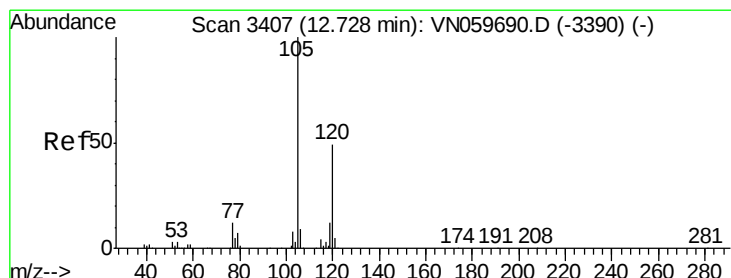
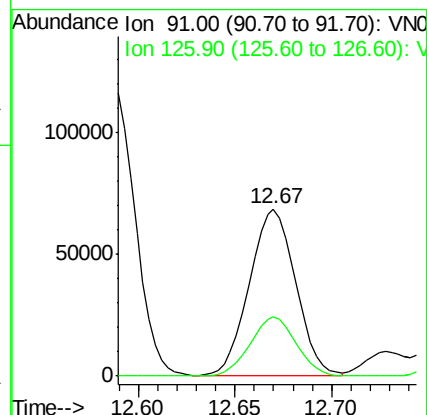
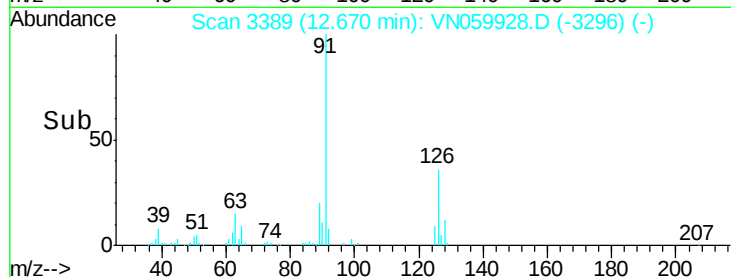
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VN059928.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN059928.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.895 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059928.D

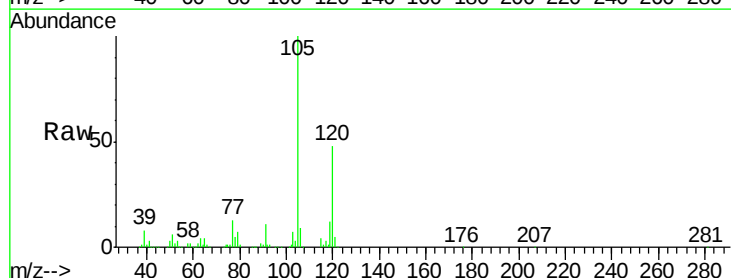
Acq: 30 Jan 2020 15:00

Tgt Ion: 105 Resp: 142933

Ion Ratio Lower Upper

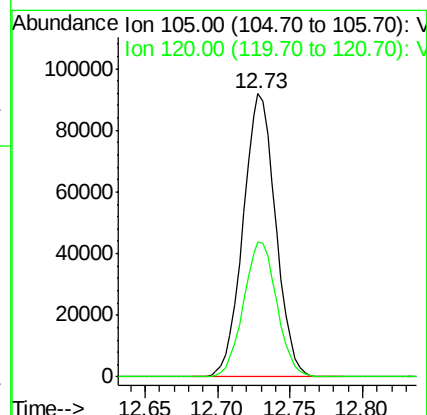
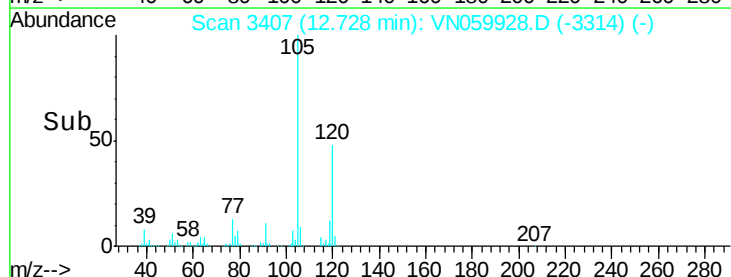
105 100

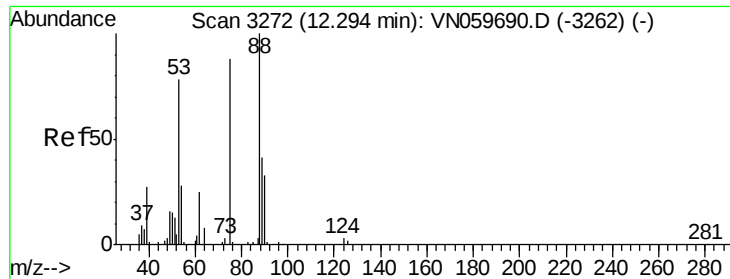
120 48.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059928.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN059928.D (-3314) (-)





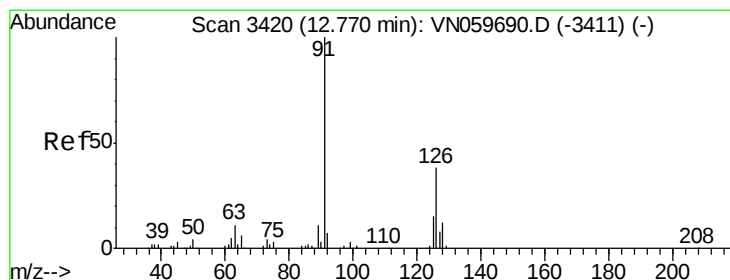
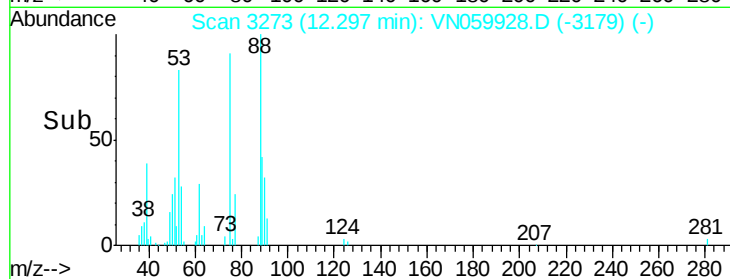
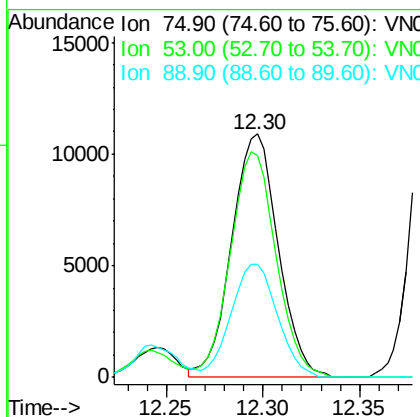
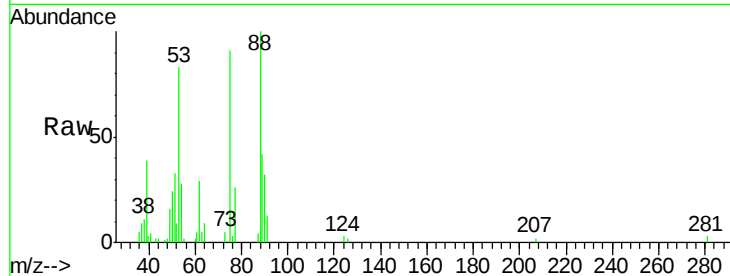
#81
trans-1,4-Dichloro-2-butene
Concen: 18.962 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.2	78.1	117.1
89	46.3	35.4	53.2

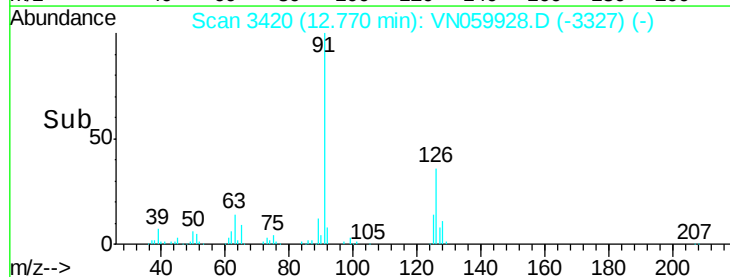
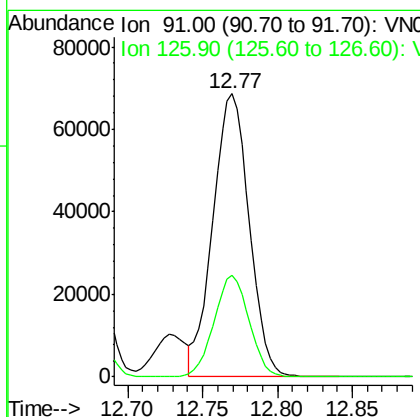
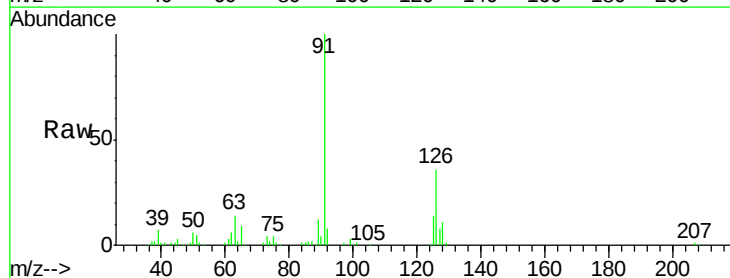
Manual Integrations
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#82
4-Chlorotoluene
Concen: 19.272 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.3	48.8





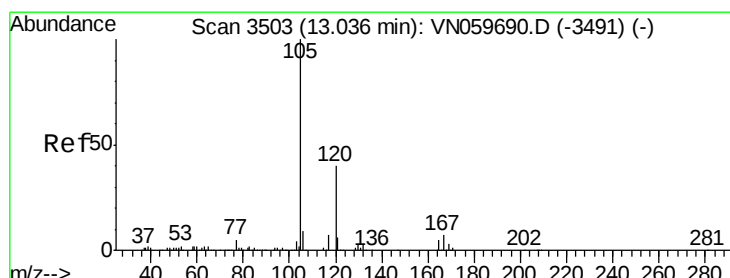
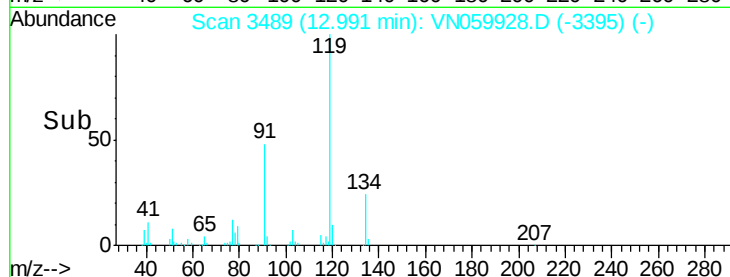
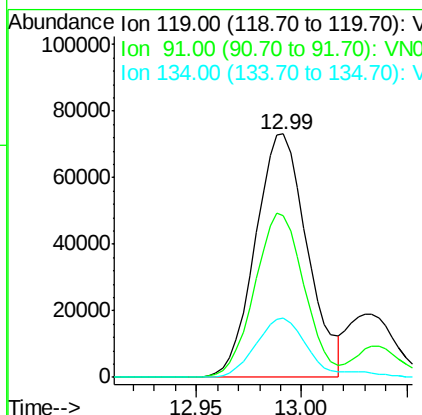
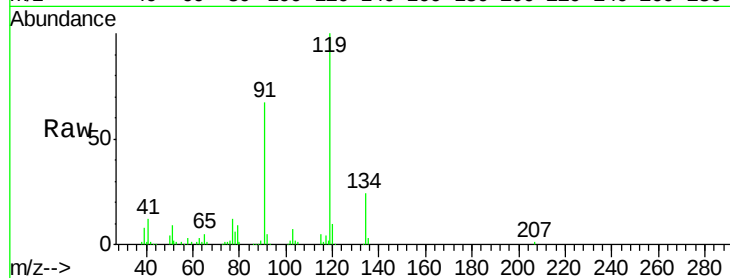
#83
tert-Butylbenzene
Concen: 19.170 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	34.8	104.4
134	23.6	12.3	36.9

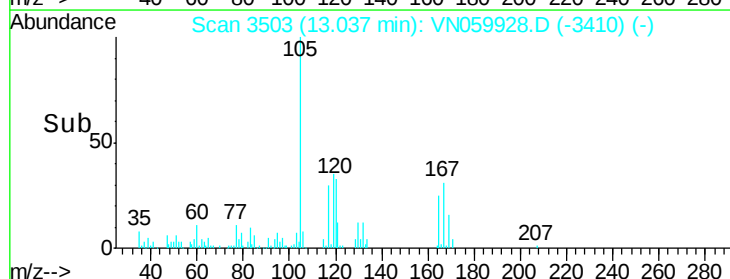
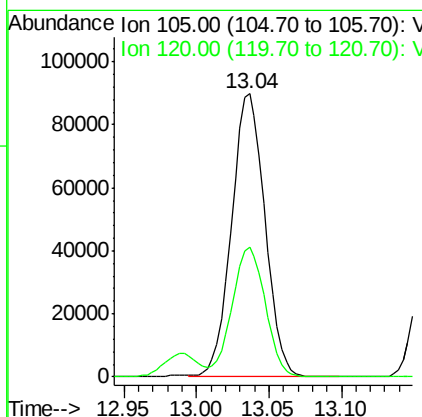
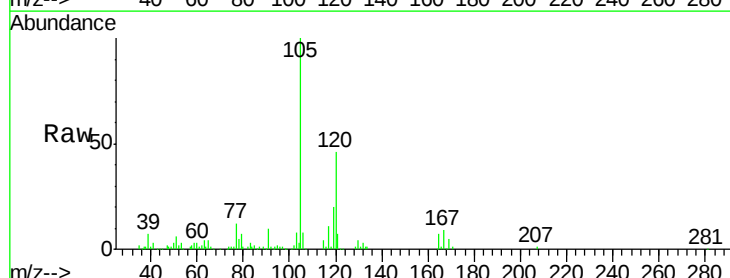
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 19.173 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.3	66.9





#85

sec-Butylbenzene

Concen: 18.932 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

Tot Ion:105 Resp: 162735

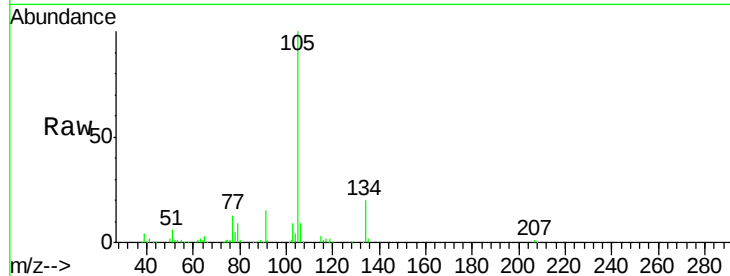
Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.5

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

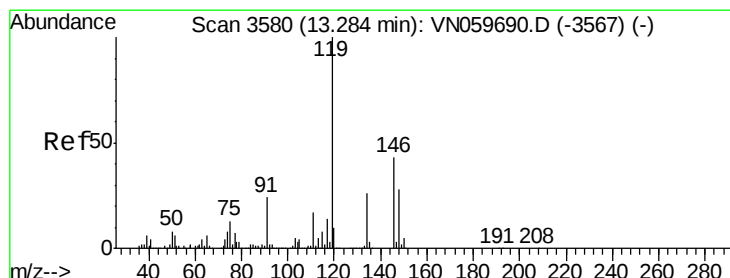
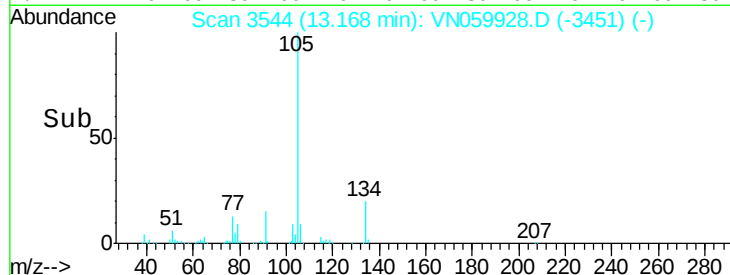
40000

20000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 18.850 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

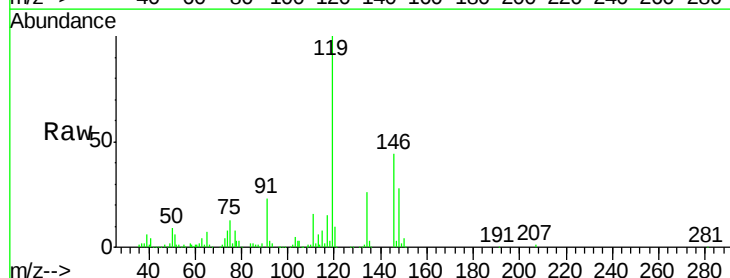
Tgt Ion:119 Resp: 149923

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.7

91 23.5 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

120000

100000

80000

60000

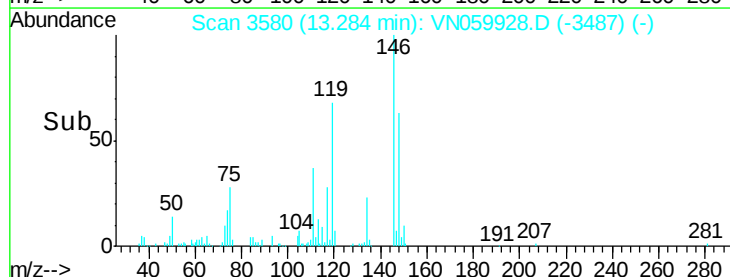
40000

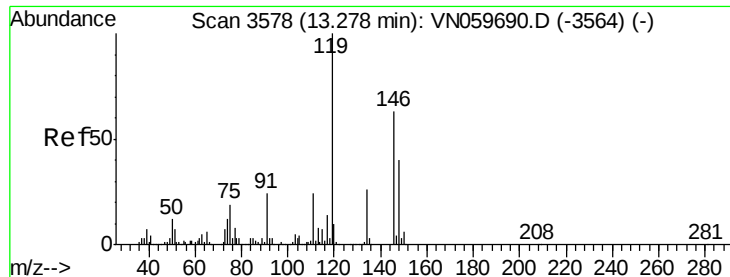
20000

0

13.20 13.25 13.30 13.35

Time-->





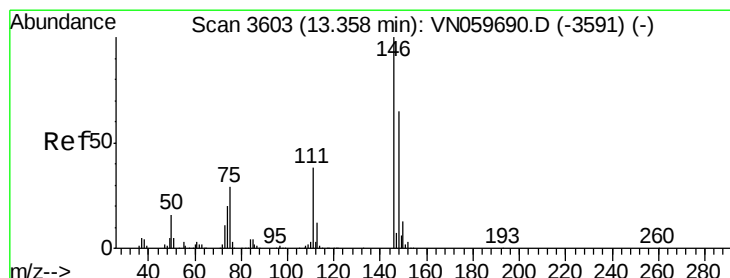
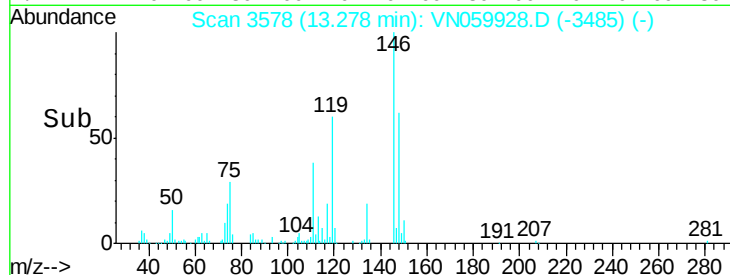
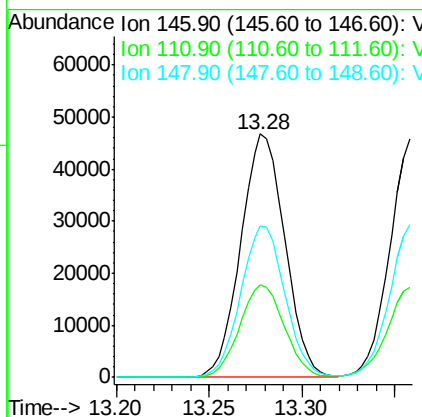
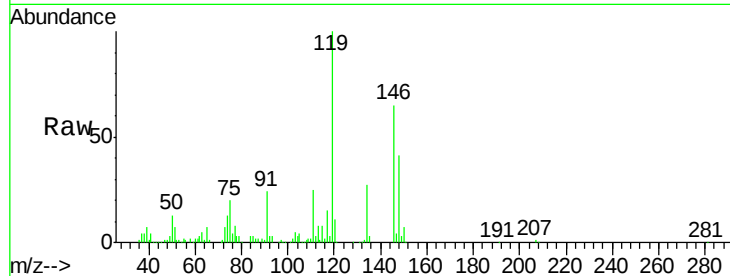
#87
 1,3-Dichlorobenzene
 Concen: 19.501 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.8	62.2
148	62.4	32.0	96.0

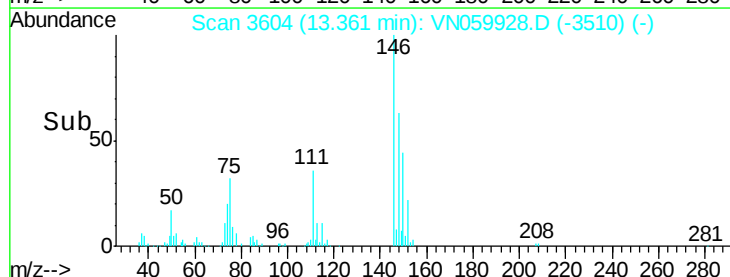
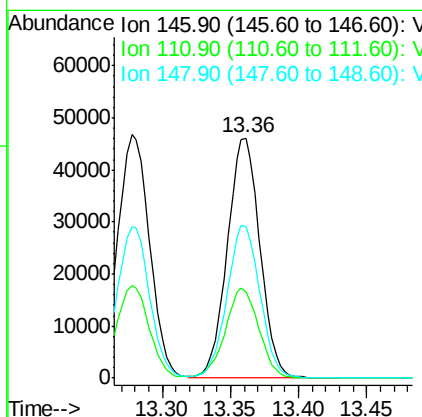
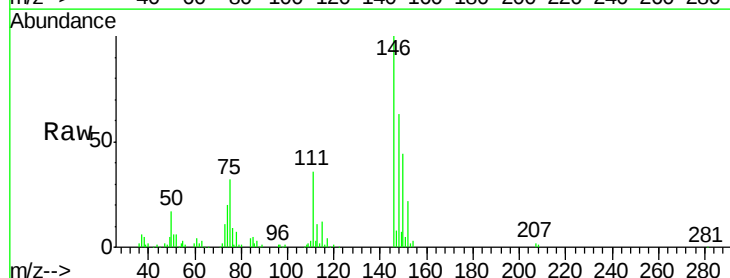
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 19.407 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.8	62.2
148	64.6	31.8	95.4





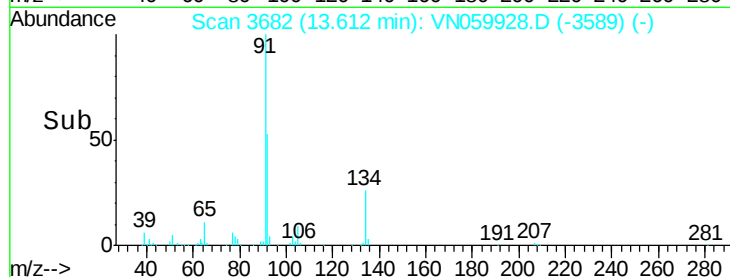
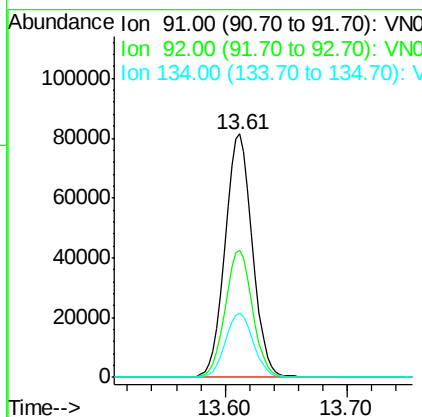
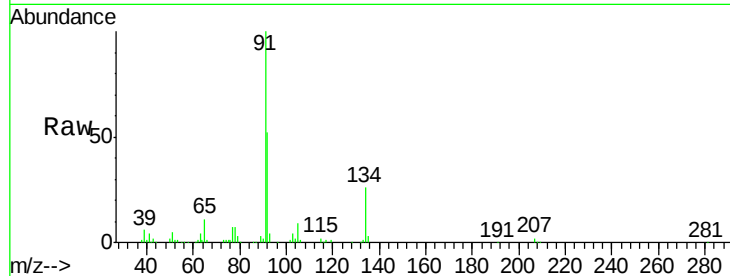
#89
n-Butylbenzene
Concen: 18.889 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampled :
VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.7
134	26.9	12.3	36.8

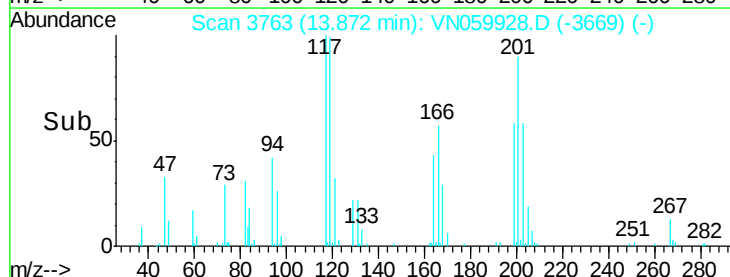
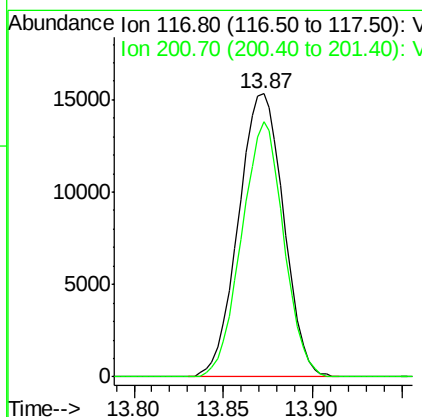
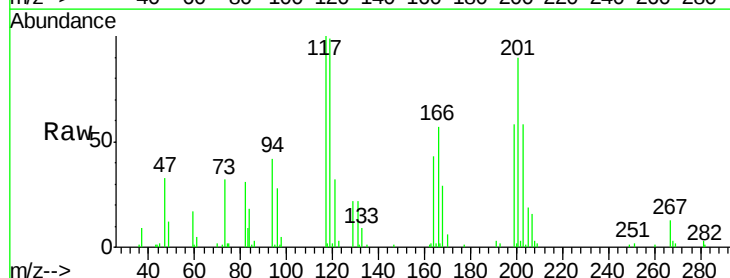
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#90
Hexachloroethane
Concen: 18.268 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.9	37.8	113.4





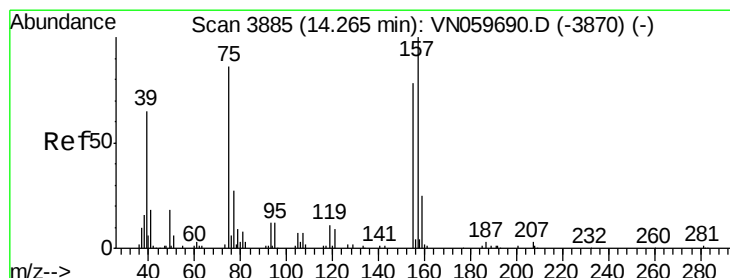
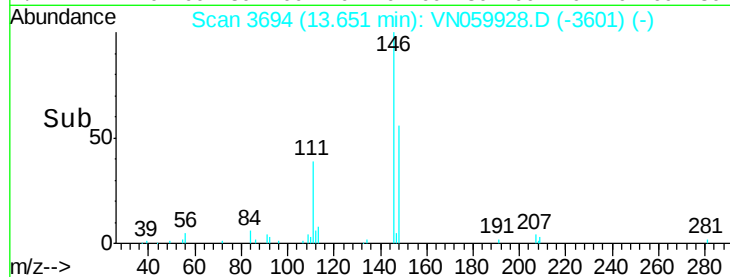
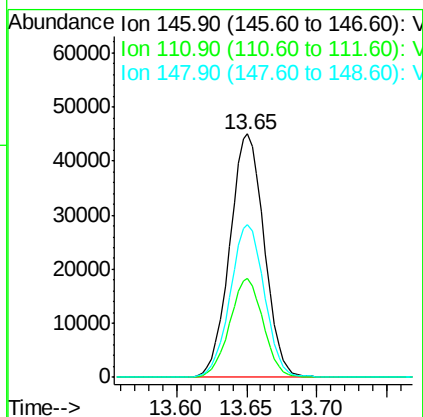
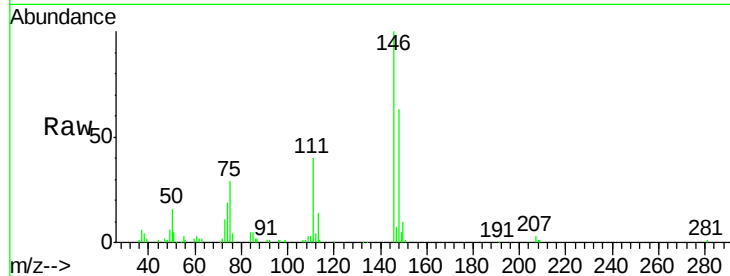
#91
 1,2-Dichlorobenzene
 Concen: 19.629 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	21.6	64.8
148	62.5	31.6	95.0

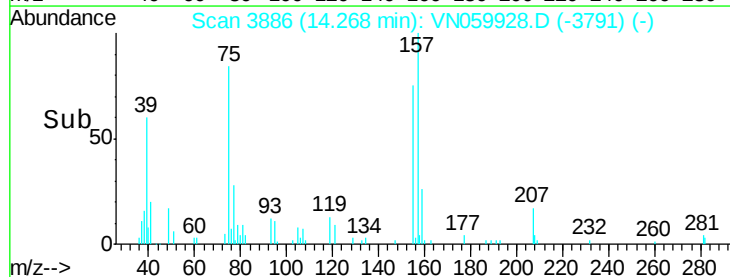
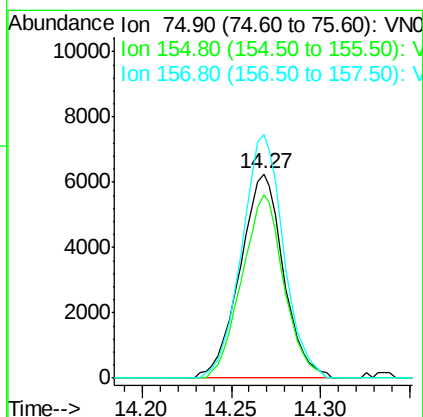
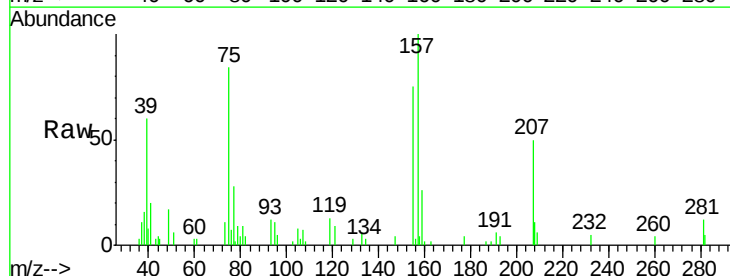
Manual Integrations
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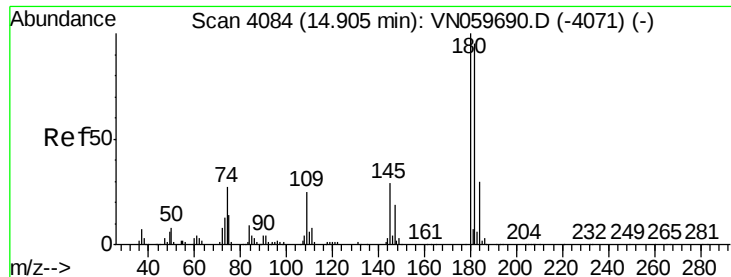
MMDadoda
 2/3/2020 10:40:47 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.543 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	37.0	110.9
157	114.9	48.4	145.2





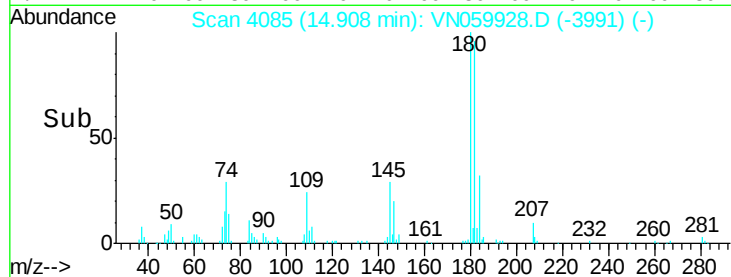
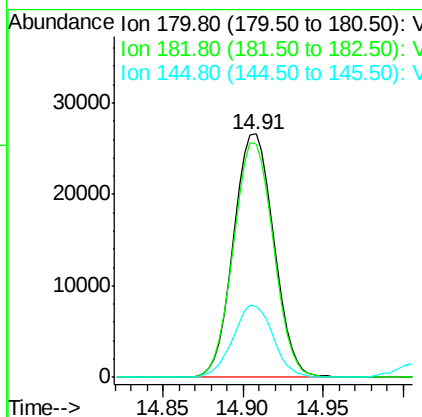
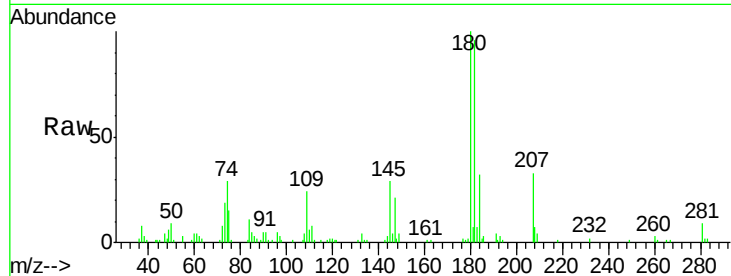
#93
 1,2,4-Trichlorobenzene
 Concen: 19.443 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.9	140.7
145	29.5	15.0	45.1

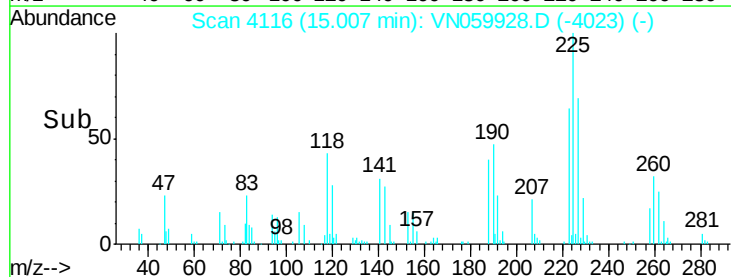
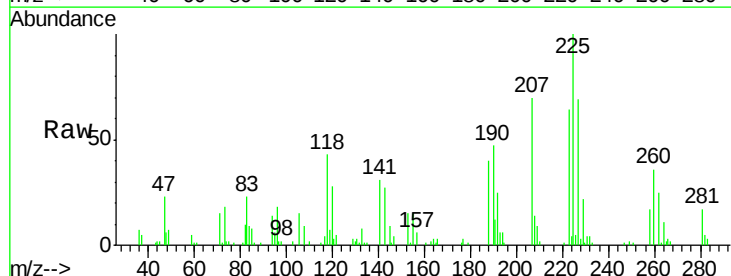
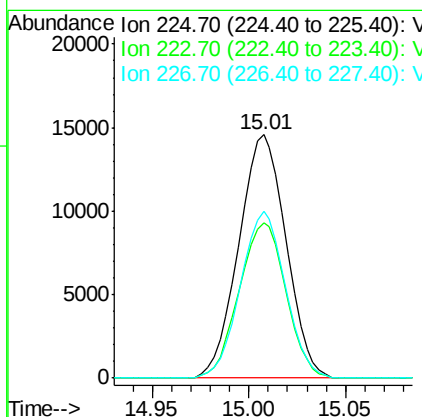
Manual Integrations
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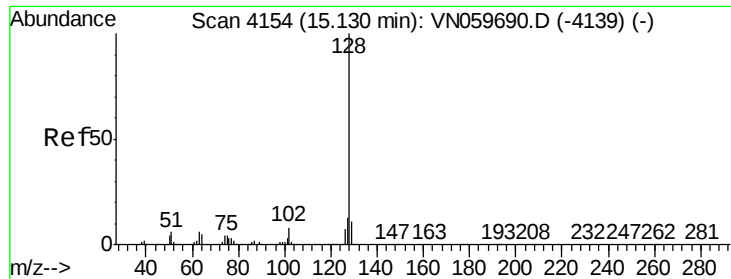
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 2/3/2020 10:40:47 AM



#94
 Hexachlorobutadiene
 Concen: 19.101 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.8	95.3
227	65.0	32.1	96.5





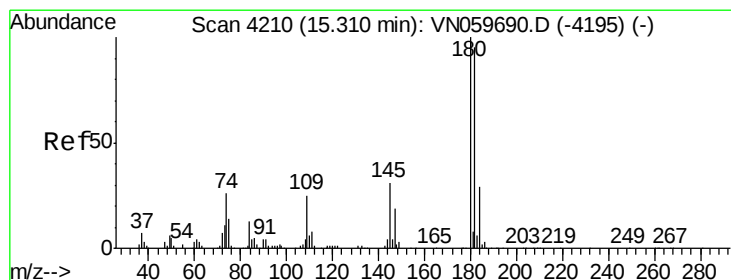
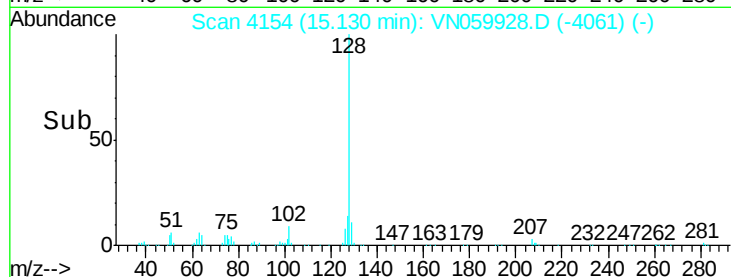
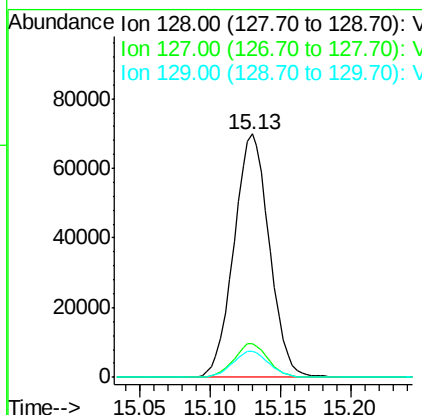
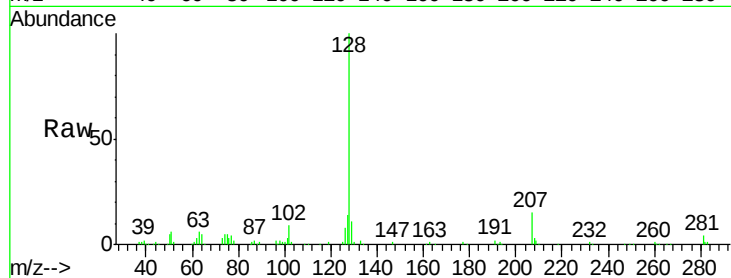
#95
Naphthalene
Concen: 18.404 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.8	8.6	12.8

Manual Integrations
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2/3/2020 10:40:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.430 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.4	142.3
145	33.3	16.3	48.9

