

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062934.D
 Acq On : 14 Aug 2020 11:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

sam
 8/17/2020 9:07:23 PM

Quant Time: Aug 14 14:45:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 14 06:20:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	26534	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	135423	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	131387	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	71561	30.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.63%
60) 4-Bromofluorobenzene	12.37	95	67150	29.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.73%
63) Toluene-d8	10.06	98	184552	30.04	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	47536	20.896	ug/l 95
3) Chloromethane	2.03	50	35208	17.869	ug/l 97
4) Vinyl Chloride	2.16	62	36035	17.311	ug/l 99
5) Bromomethane	2.52	94	38624	21.515	ug/l 100
6) Chloroethane	2.66	64	38891	21.544	ug/l 99
7) Trichlorofluoromethane	2.98	101	82209	20.254	ug/l 96
8) Diethyl Ether	3.37	74	16626	18.715	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	27233	20.395	ug/l 97
10) 1,1-Dichloroethene	3.69	96	23545	19.233	ug/l 93
11) Methyl Iodide	3.91	142	31419	18.478	ug/l 95
12) Methyl Acetate	4.28	43	34604	18.663	ug/l 93
13) Acrolein	3.57	56	18024	76.085	ug/l 99
14) Acrylonitrile	4.93	53	73758	91.126	ug/l 98
15) Acetone	3.78	58	20909	96.718	ug/l 95
16) Carbon Disulfide	4.00	76	63003	18.045	ug/l 100
17) Allyl chloride	4.27	41	38619	18.312	ug/l 96
18) Methylene Chloride	4.50	84	30503	19.259	ug/l 90
19) trans-1,2-Dichloroethene	4.98	96	26049m	19.053	ug/l
20) Diisopropyl ether	5.90	45	92911	18.820	ug/l 94
21) 1,1-Dichloroethane	5.79	63	54559	18.882	ug/l 97
22) cis-1,2-Dichloroethene	6.78	96	32600	19.942	ug/l # 90
23) tert-Butyl Alcohol	4.73	59	31115	89.854	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	98757	18.564	ug/l 100
25) Chloroform	7.33	83	63301	20.190	ug/l 95
26) Cyclohexane	7.61	56	45844	18.740	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	40572	20.311	ug/l 100
30) 2-Butanone	6.79	43	98720	95.731	ug/l # 95
31) 2,2-Dichloropropane	6.77	77	49785	25.029	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	56265	20.557	ug/l 96
33) Carbon Tetrachloride	7.73	117	50946	20.991	ug/l 97
34) Benzene	8.00	78	119720	19.936	ug/l 95
35) Methacrylonitrile	7.12	41	17884	19.549	ug/l 90
36) 1,2-Dichloroethane	8.09	62	52541	20.144	ug/l 100
37) Trichloroethene	8.80	130	29247	19.635	ug/l 93
38) Methylcyclohexane	9.05	83	47153	19.735	ug/l 98
39) 1,2-Dichloropropane	9.09	63	32416	19.776	ug/l 95
40) Dibromomethane	9.17	93	23261	20.950	ug/l 98

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Manual Integrations
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Quant Time: Aug 14 14:45:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 14 06:20:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	51098	20.505	ug/l	94
42) Vinyl Acetate	5.84	43	318384	91.341	ug/l	99
43) Ethyl Acetate	6.88	43	38839	19.174	ug/l #	94
44) Isopropyl Acetate	8.13	43	62029	18.752	ug/l	98
45) 1,4-Dioxane	9.17	88	12115	373.979	ug/l #	95
46) Methyl methacrylate	9.17	41	30159	18.232	ug/l	98
47) n-amyl Acetate	12.05	43	51521	17.459	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	50873	19.542	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	53186	20.331	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	32982	20.669	ug/l	98
51) Ethyl methacrylate	10.40	69	45359	18.672	ug/l	94
52) 1,3-Dichloropropane	10.68	76	54652	19.822	ug/l	98
53) Dibromochloromethane	10.87	129	39916	20.926	ug/l	100
54) 1,2-Dibromoethane	10.98	107	33396	20.451	ug/l	96
55) 2-Chloroethyl vinyl ether	9.66	63	49844	84.787	ug/l	97
56) Bromoform	12.10	173	27077	19.999	ug/l	95
58) 4-Methyl-2-Pentanone	9.95	43	209730	91.736	ug/l	99
59) 2-Hexanone	10.72	43	150824	90.350	ug/l	98
61) Tetrachloroethene	10.60	164	27892	20.534	ug/l	95
62) Toluene	10.12	91	133536	19.276	ug/l	98
64) Chlorobenzene	11.41	112	83978	19.324	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	34645	19.279	ug/l	98
66) Ethyl Benzene	11.48	91	147302	19.100	ug/l	99
67) m/p-Xylenes	11.60	106	114599	40.142	ug/l	98
68) o-Xylene	11.92	106	52181	19.040	ug/l	99
69) Styrene	11.94	104	93387	19.191	ug/l	99
70) Isopropylbenzene	12.22	105	151123	19.377	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.48	83	49954	19.459	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	48575m	19.107	ug/l	
73) Bromobenzene	12.50	156	38389	20.075	ug/l	94
74) n-propylbenzene	12.56	91	173418	19.269	ug/l	98
75) 2-Chlorotoluene	12.65	91	109192	19.326	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	134902	19.454	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	14807	18.087	ug/l	92
78) 4-Chlorotoluene	12.75	91	110512	19.231	ug/l	99
79) tert-butylbenzene	12.97	119	108770	18.990	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	127934	18.878	ug/l	99
81) sec-Butylbenzene	13.15	105	142995	18.910	ug/l	100
82) p-Isopropyltoluene	13.26	119	129339	19.130	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	65305	19.488	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	64092	19.480	ug/l	96
85) n-Butylbenzene	13.59	91	95634	16.593	ug/l	98
86) Hexachloroethane	13.85	117	27166	18.547	ug/l	97
87) 1,2-Dichlorobenzene	13.63	146	62859	18.174	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.25	75	10863	17.942	ug/l	96
89) 1,2,4-Trichlorobenzene	14.89	180	27384	17.190	ug/l	100
90) Hexachlorobutadiene	14.98	225	23542	22.120	ug/l	93
91) Naphthalene	15.10	128	63299	14.678	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	27801	17.428	ug/l	95

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 14 06:20:27 2020
Response via : Initial Calibration

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

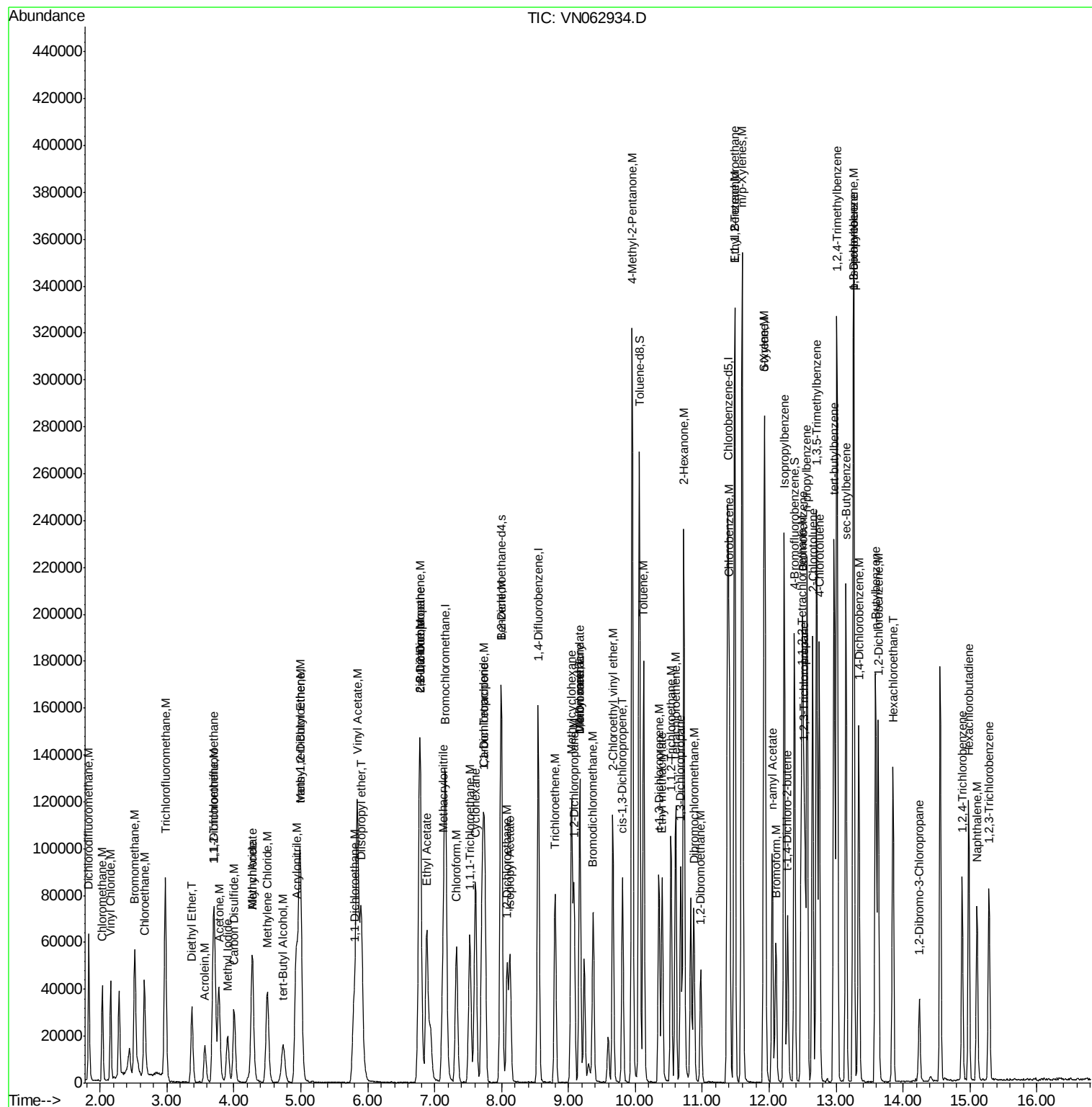
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 Data File : VN062934.D
 Acq On : 14 Aug 2020 11:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

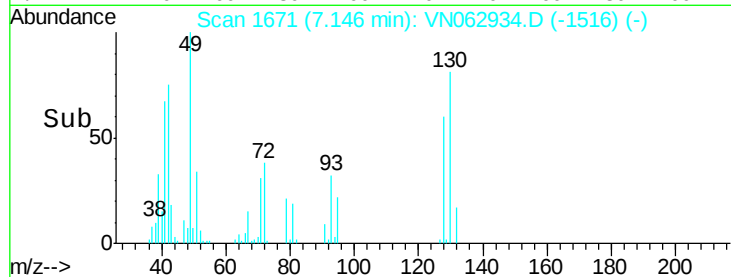
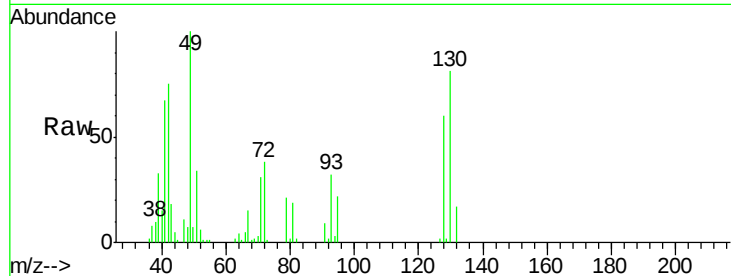
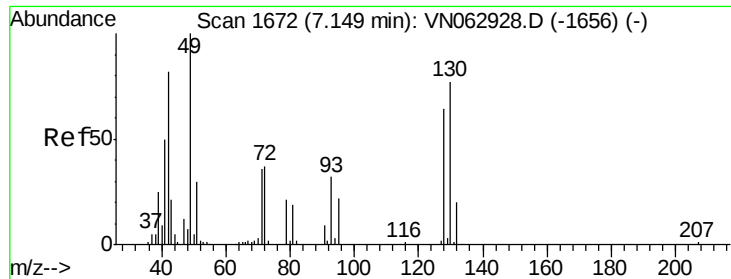
Instrument :
 MSVOA_N
 ClientSampleId :
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Manual Integrations
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 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N081420W.M
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062934.D

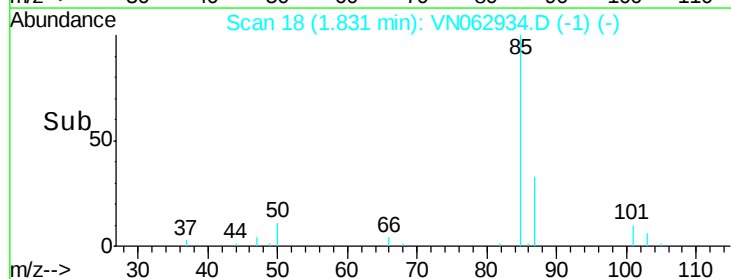
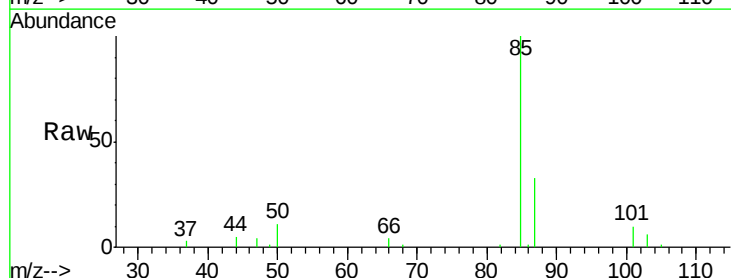
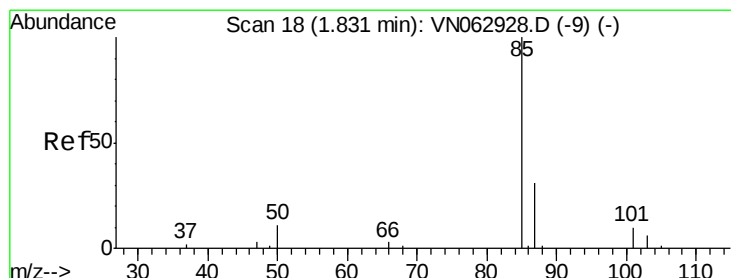
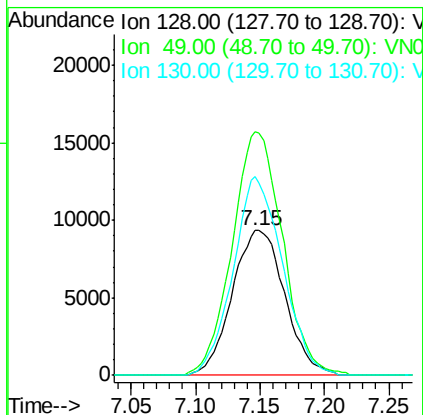
Acq: 14 Aug 2020 11:35

Tot Ion:	128	Resp:	26534
Ion	Ratio	Lower	Upper
128	100		
49	161.0	0.0	410.0
130	128.8	0.0	316.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 20.896 ug/l

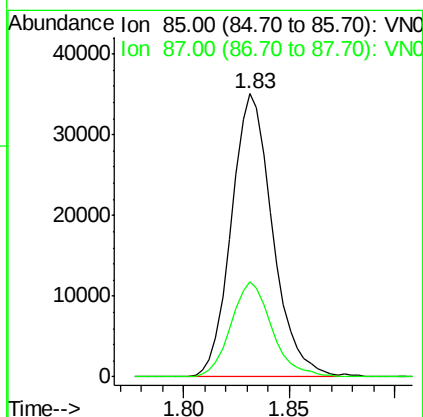
RT: 1.83 min Scan# 18

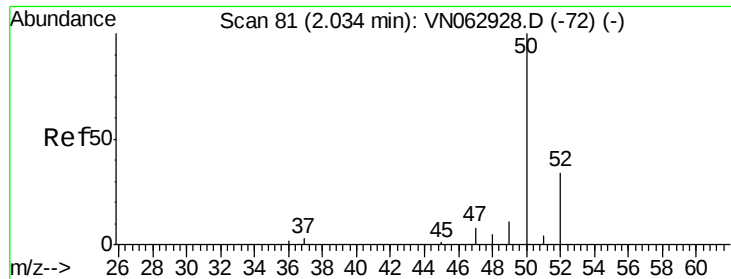
Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Tgt Ion:	85	Resp:	47536
Ion	Ratio	Lower	Upper
85	100		
87	33.5	15.4	46.2





#3

Chloromethane

Concen: 17.869 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020

Tot Ion: 50 Resp: 35208

Ion Ratio Lower Upper

50 100

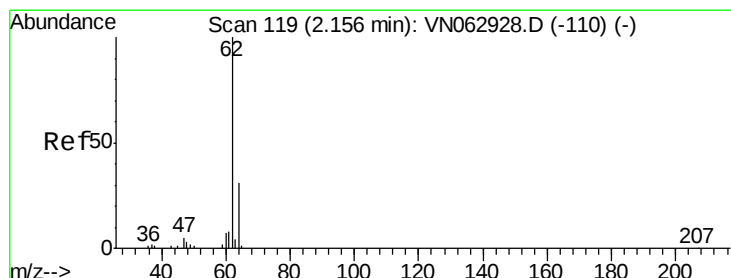
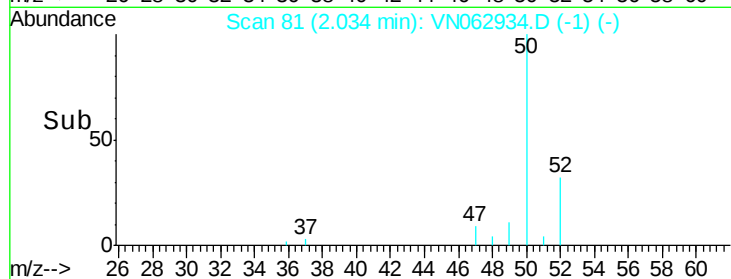
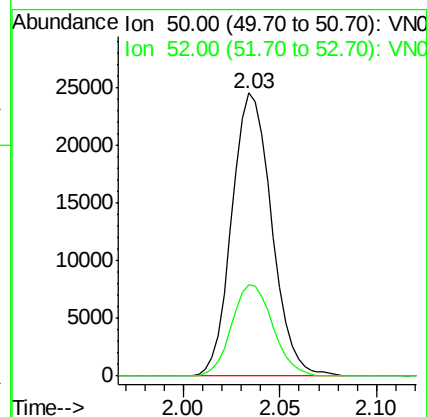
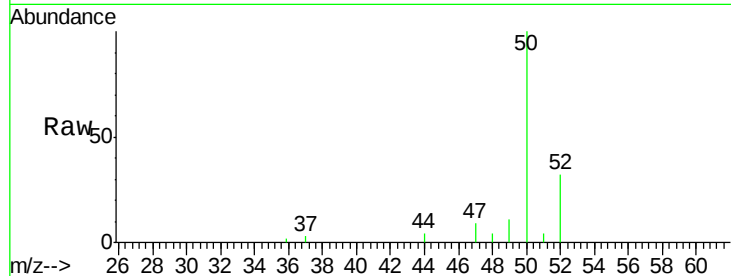
52 32.5 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.311 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062934.D

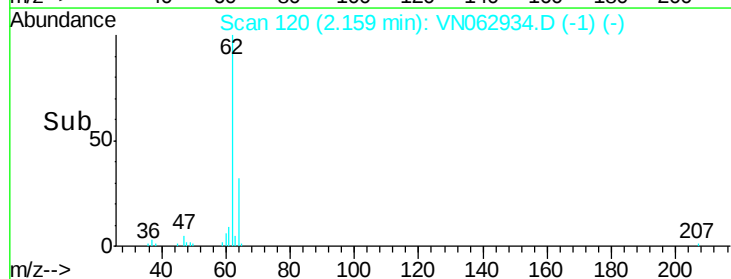
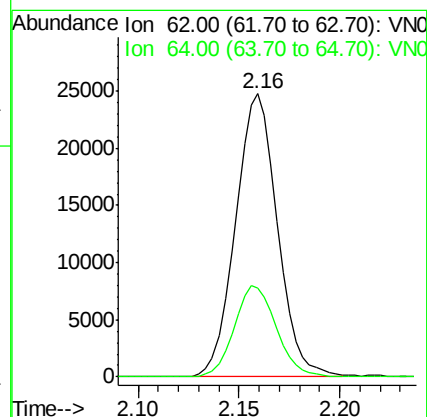
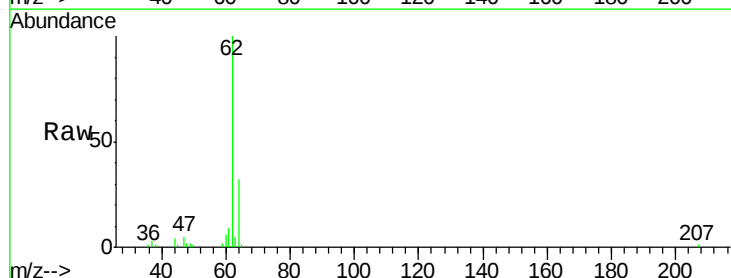
Acq: 14 Aug 2020 11:35

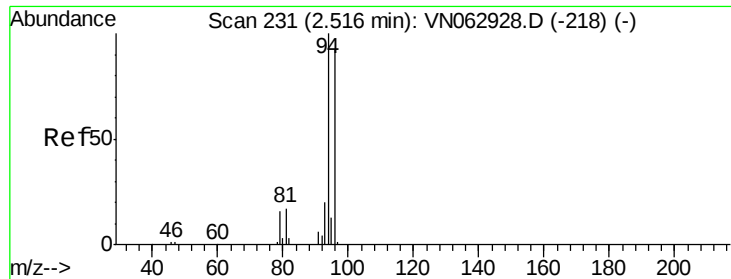
Tgt Ion: 62 Resp: 36035

Ion Ratio Lower Upper

62 100

64 31.6 24.6 37.0





#5

Bromomethane

Concen: 21.515 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 38624

Ion Ratio Lower Upper

94 100

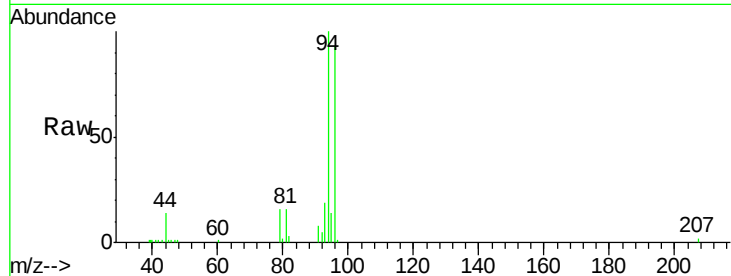
96 92.3 73.7 110.5

Manual Integrations

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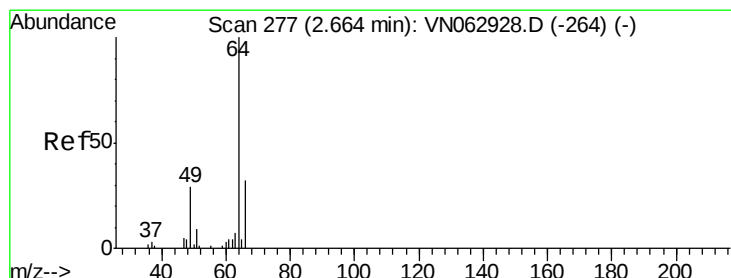
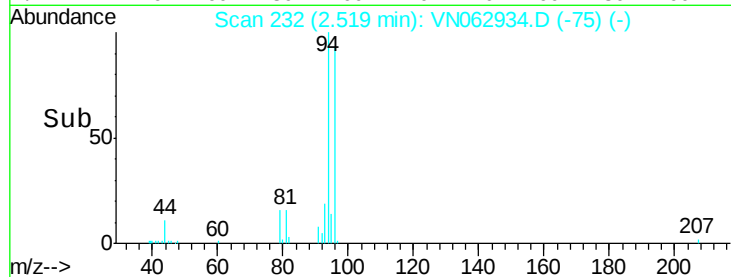
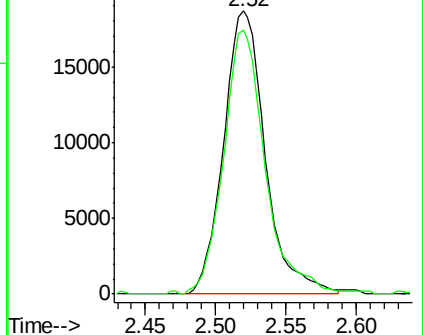
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Abundance Ion 94.00 (93.70 to 94.70): VN062928.D (-218) (-)

Ion 96.00 (95.70 to 96.70): VN062928.D (-218) (-)



#6

Chloroethane

Concen: 21.544 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062934.D

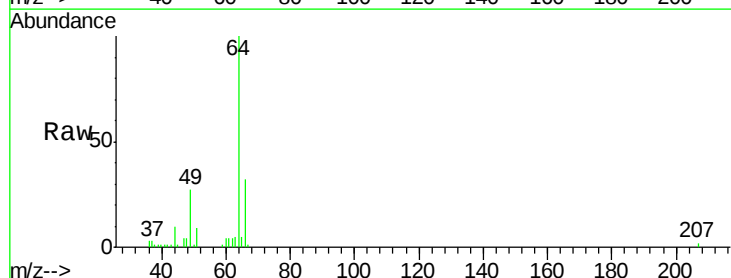
Acq: 14 Aug 2020 11:35

Tgt Ion: 64 Resp: 38891

Ion Ratio Lower Upper

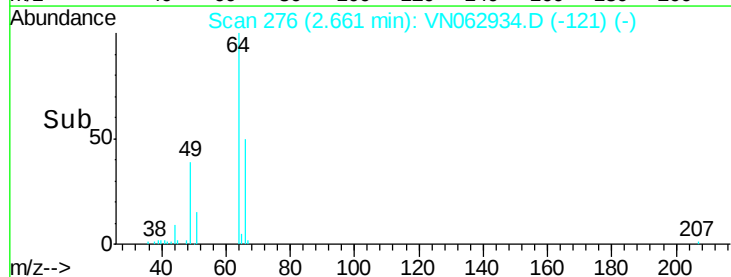
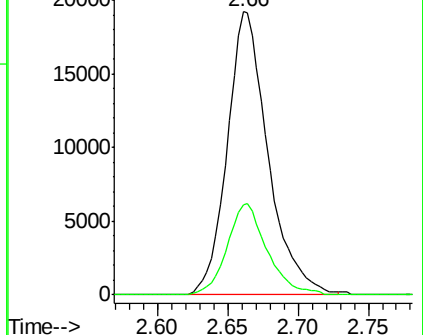
64 100

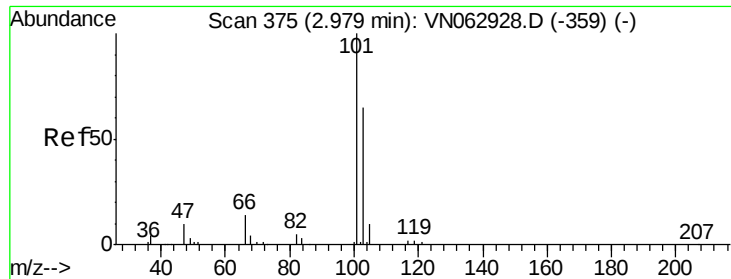
66 32.0 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VN062928.D (-264) (-)

Ion 66.00 (65.70 to 66.70): VN062928.D (-264) (-)





#7

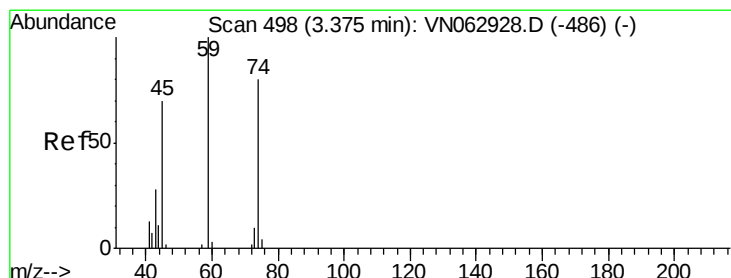
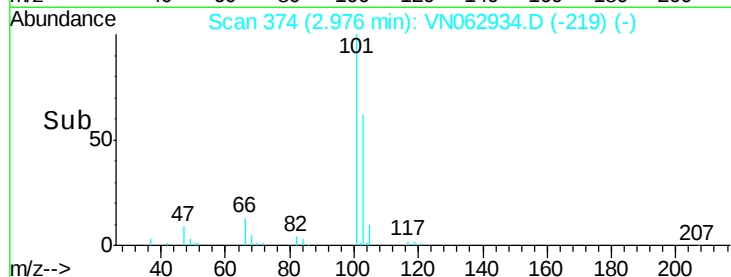
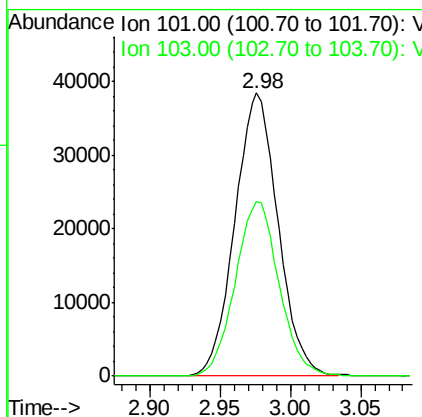
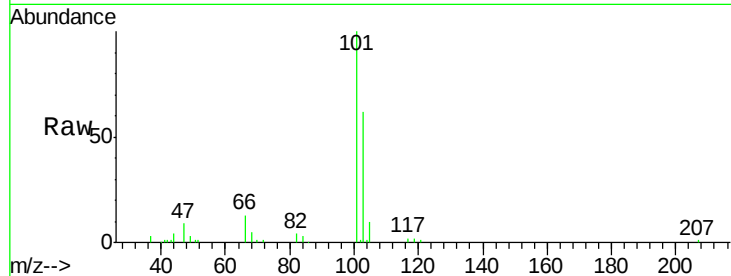
Trichlorofluoromethane
 Concen: 20.254 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
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 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	51.8	77.6

Manual Integrations
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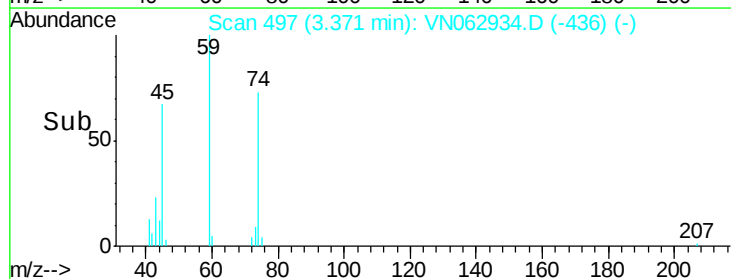
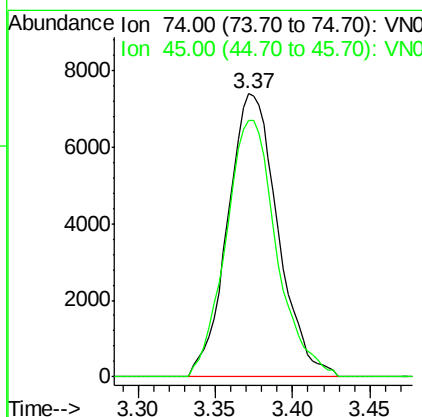
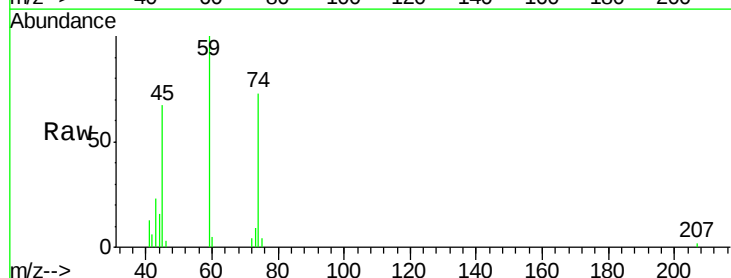
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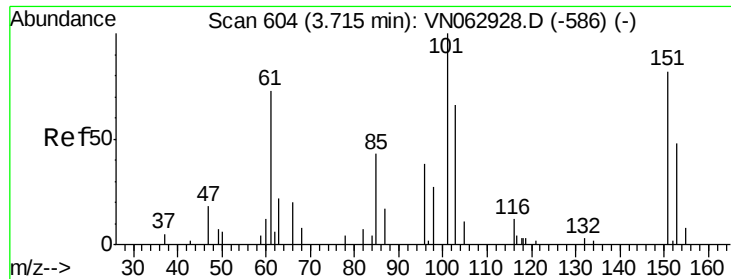


#8

Diethyl Ether
 Concen: 18.715 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.5	18.7	167.9





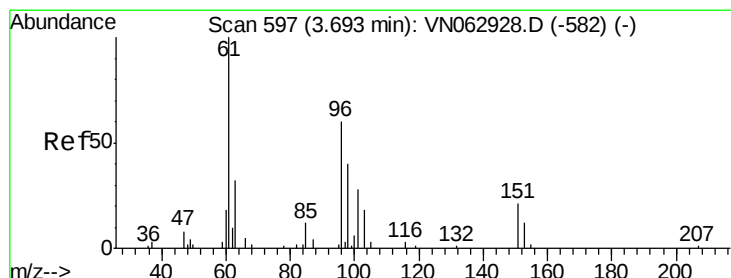
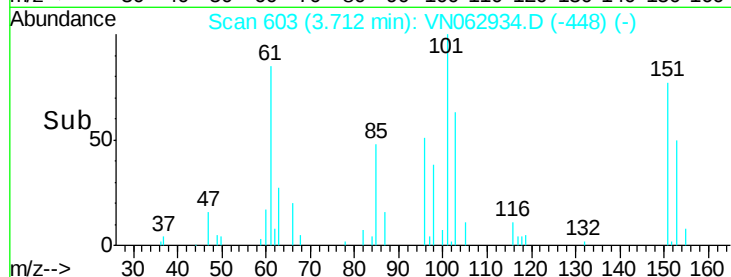
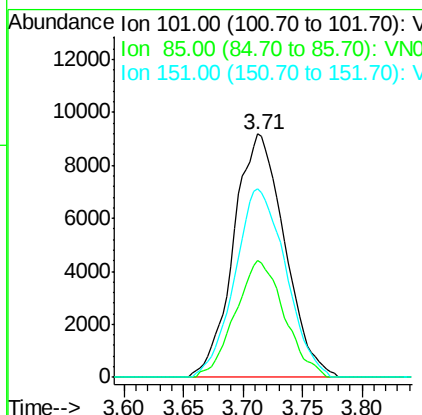
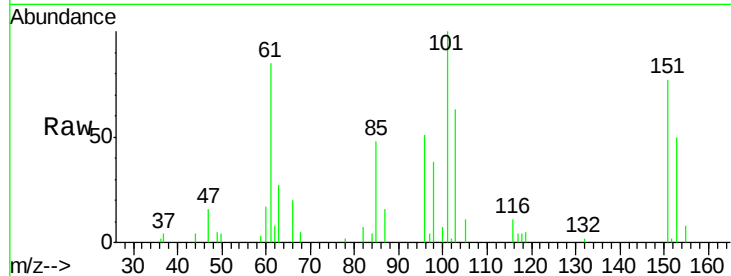
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.395 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
85	46.1	0.0	92.4
151	77.5	0.0	162.6

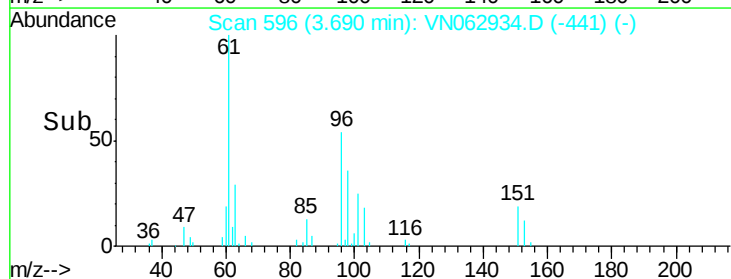
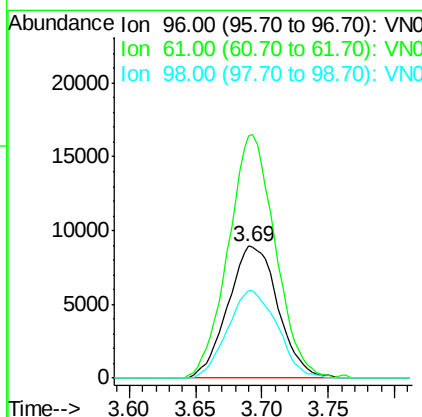
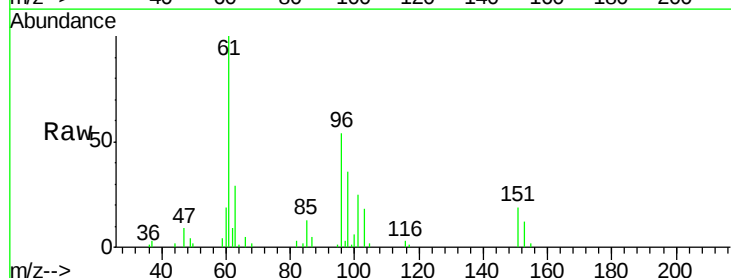
Manual Integrations
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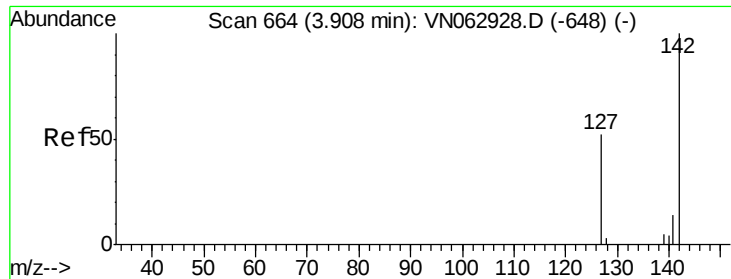
sam
 8/17/2020 9:07:23 PM



#10
 1,1-Dichloroethene
 Concen: 19.233 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.8	134.5	201.7
98	66.6	53.3	79.9





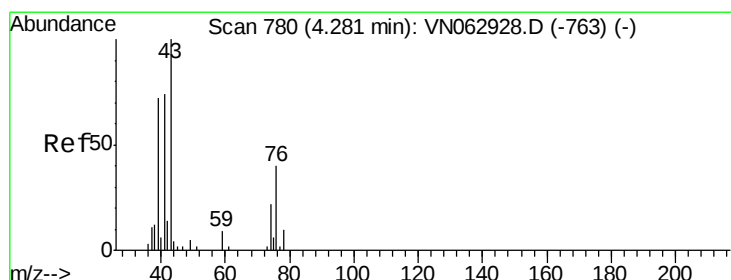
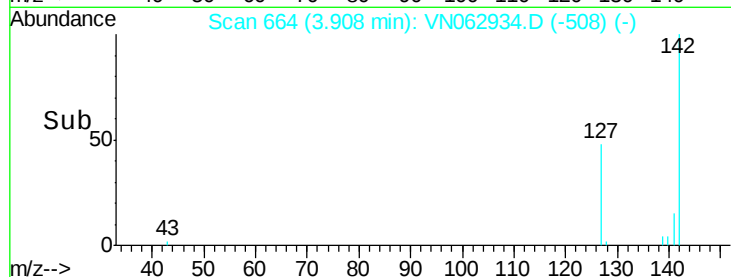
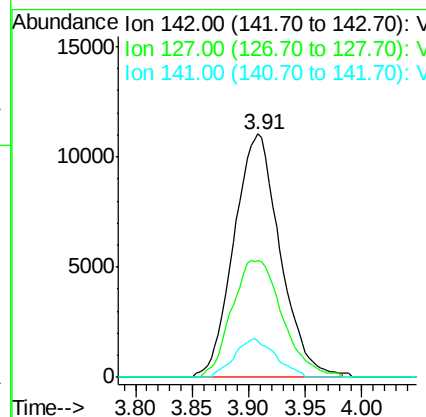
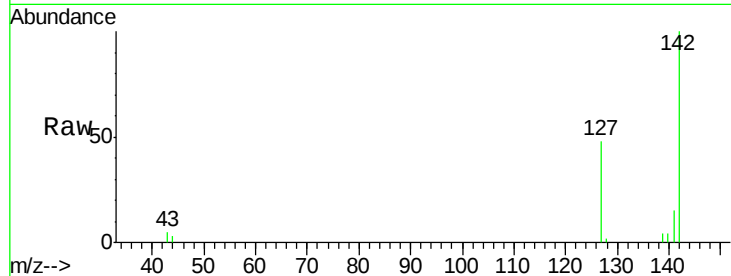
#11
Methyl Iodide
Concen: 18.478 ug/l
RT: 3.91 min Scan# 664
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.2	26.1	78.3
141	15.1	7.2	21.7

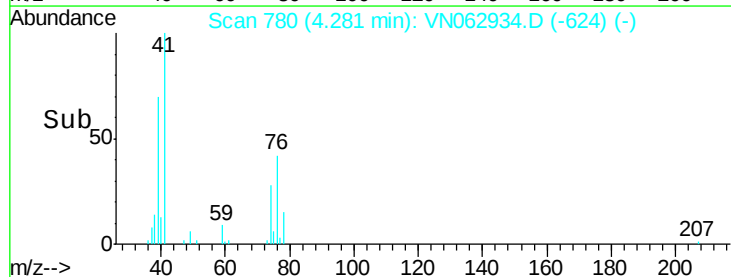
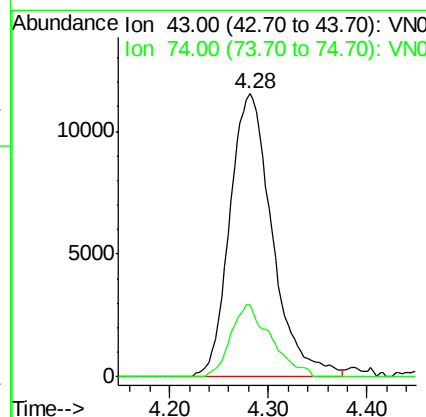
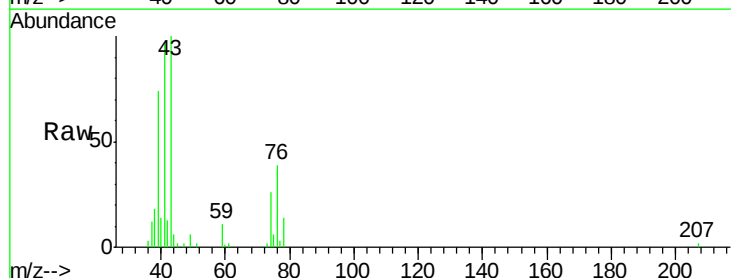
Manual Integrations
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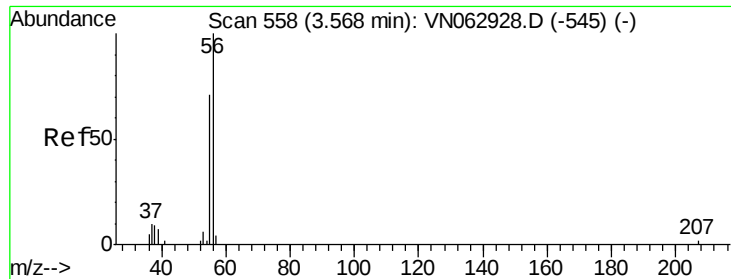
sam
8/17/2020 9:07:23 PM



#12
Methyl Acetate
Concen: 18.663 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	18.1	27.1





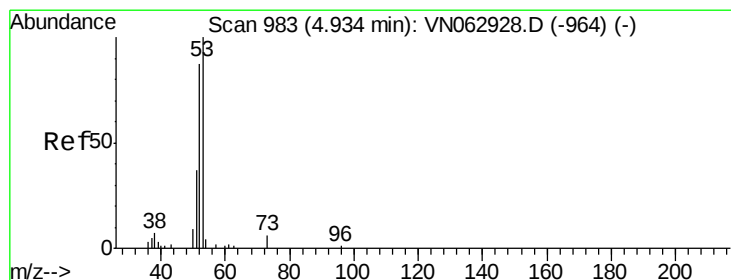
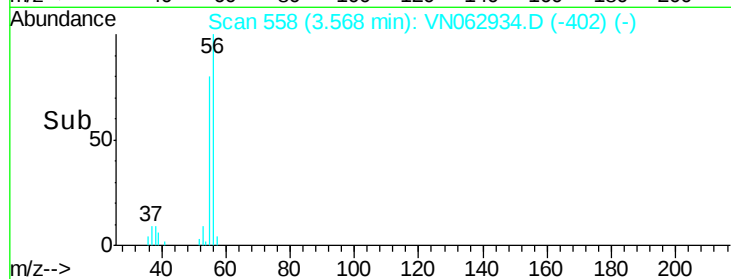
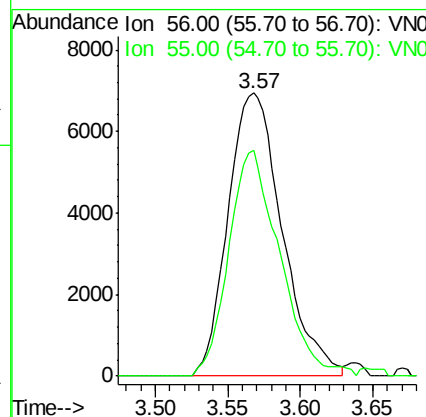
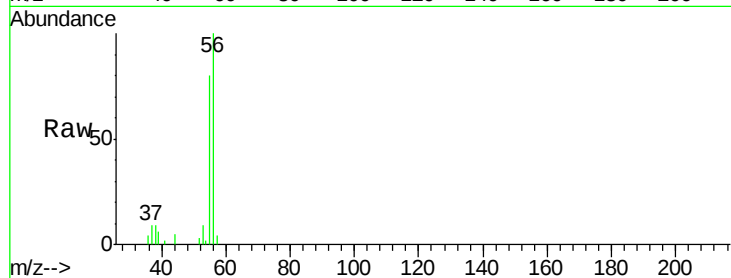
#13
Acrolein
Concen: 76.085 ug/l
RT: 3.57 min Scan# 558
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	56	Resp	18024
Ion Ratio	100	Lower	Upper
56	100		
55	74.2	60.2	90.4

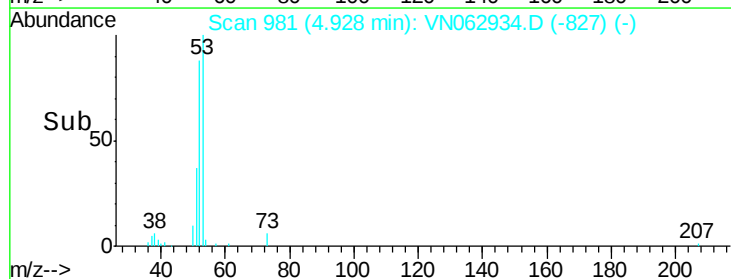
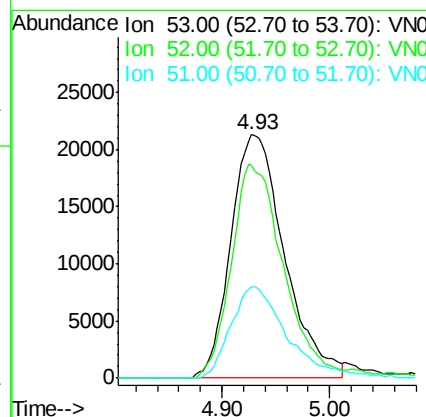
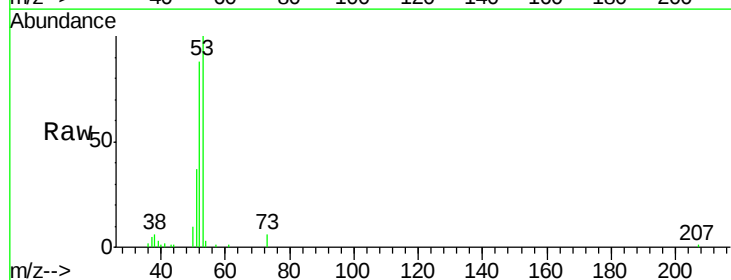
Manual Integrations
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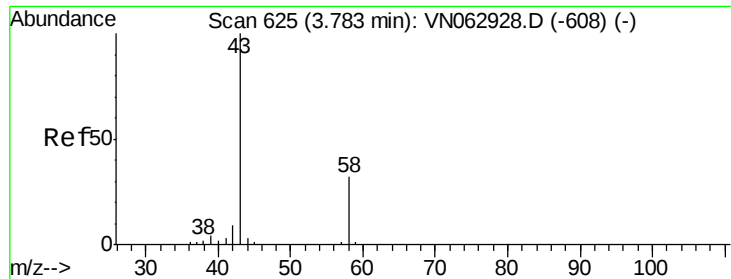
sam
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#14
Acrylonitrile
Concen: 91.126 ug/l
RT: 4.93 min Scan# 981
Delta R.T. -0.01 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion	53	Resp	73758
Ion Ratio	100	Lower	Upper
53	100		
52	84.8	43.1	129.4
51	39.3	19.1	57.1





#15

Acetone

Concen: 96.718 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.01 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020

Tot Ion: 58 Resp: 20909

Ion Ratio Lower Upper

58 100

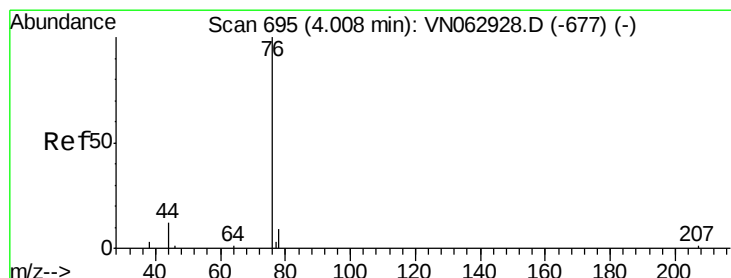
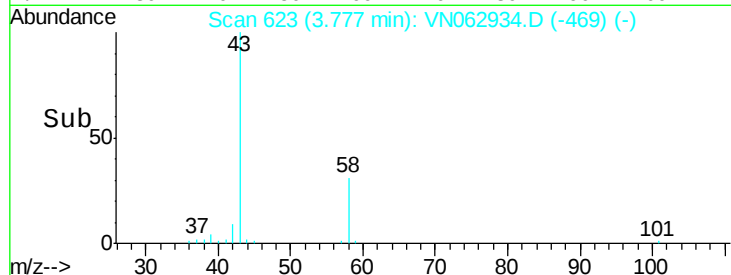
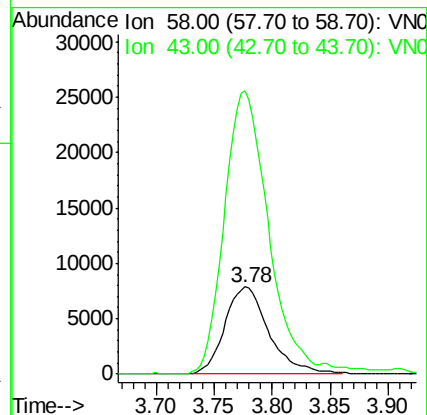
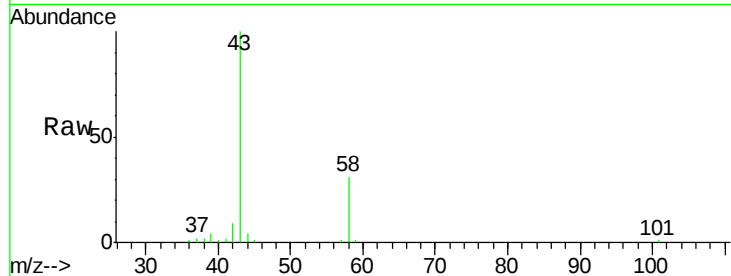
43 322.2 250.0 375.0

Manual Integrations

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sam

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#16

Carbon Disulfide

Concen: 18.045 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062934.D

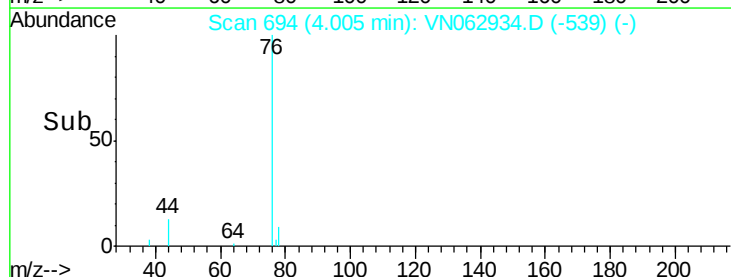
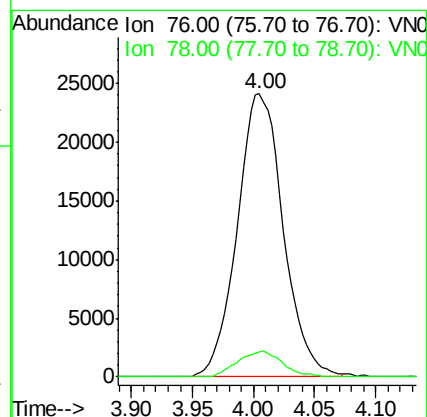
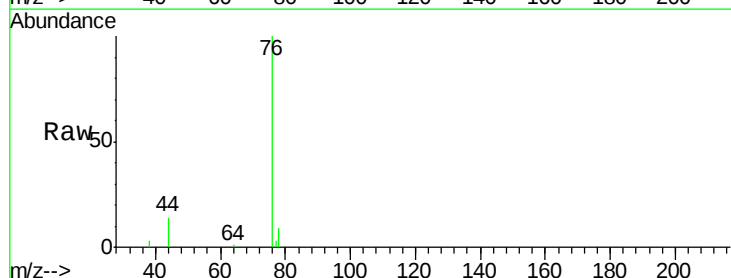
Acq: 14 Aug 2020 11:35

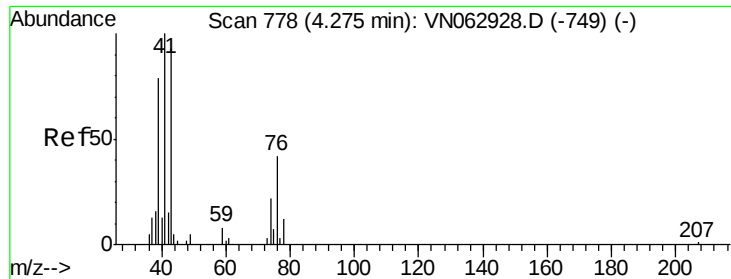
Tgt Ion: 76 Resp: 63003

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6





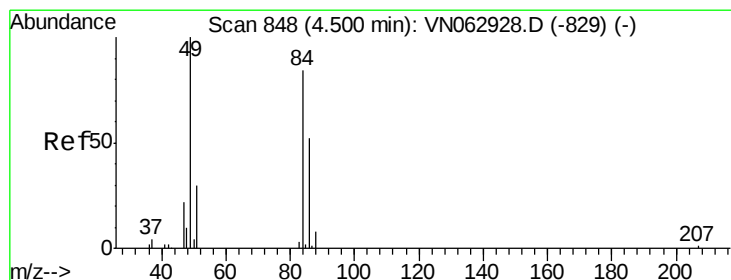
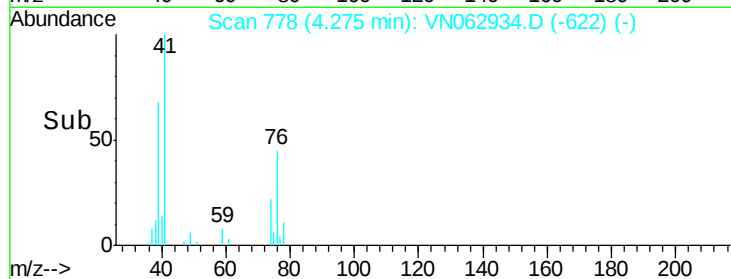
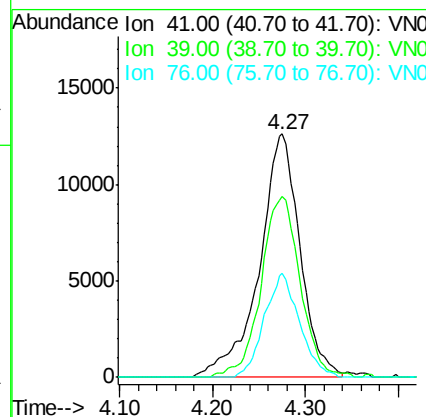
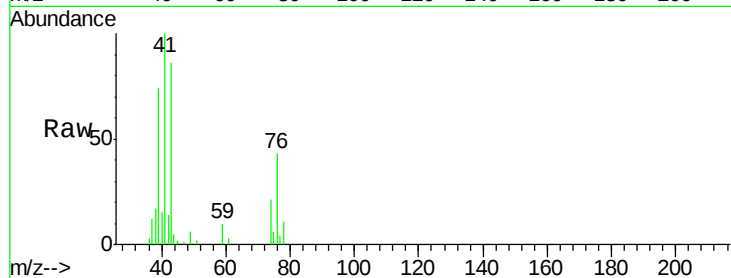
#17
Allvl chloride
Concen: 18.312 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.3	39.6	118.7
76	42.7	21.3	63.7

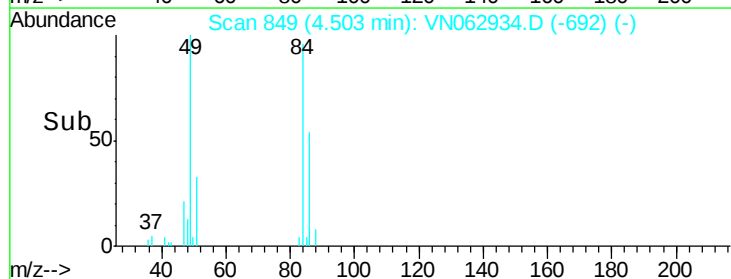
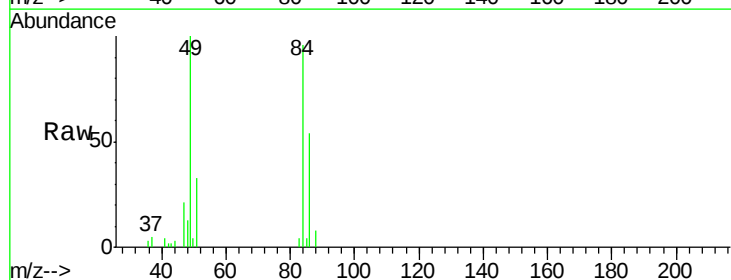
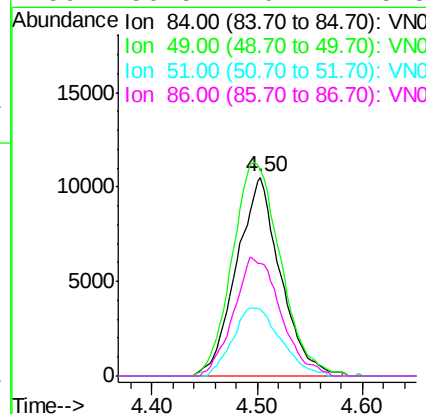
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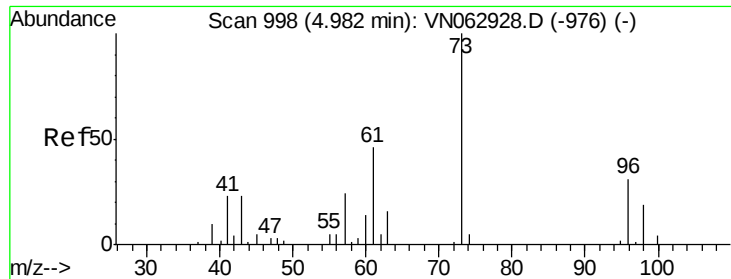
sam
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#18
Methylene Chloride
Concen: 19.259 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.8	95.0	142.6
51	33.8	28.2	42.4
86	56.5	49.2	73.8





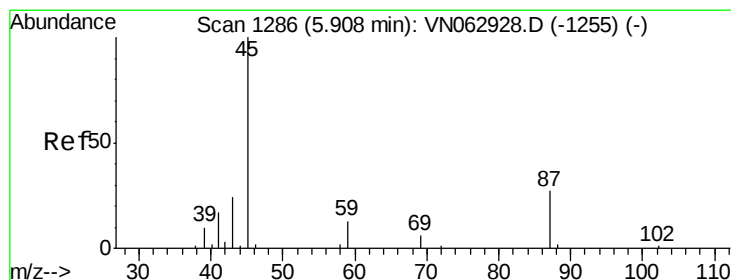
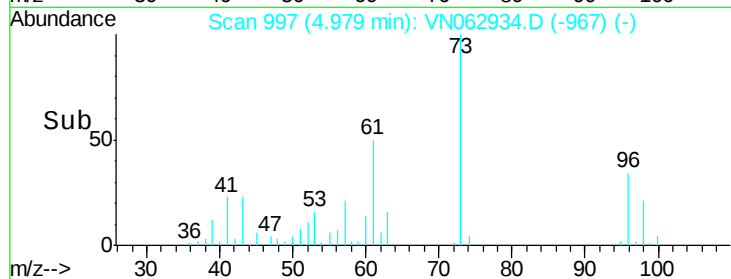
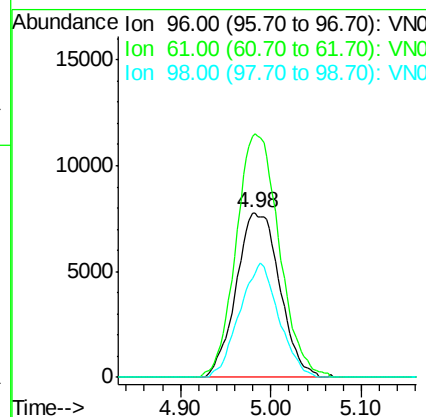
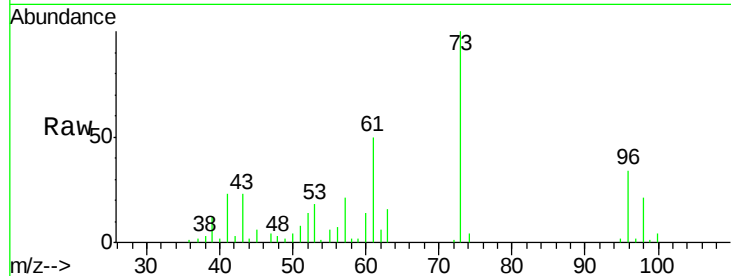
#19
trans-1,2-Dichloroethene
Concen: 19.053 ug/l m
RT: 4.98 min Scan# 997
Delta R.T. -0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	118.0	177.0
98	60.3	48.7	73.1

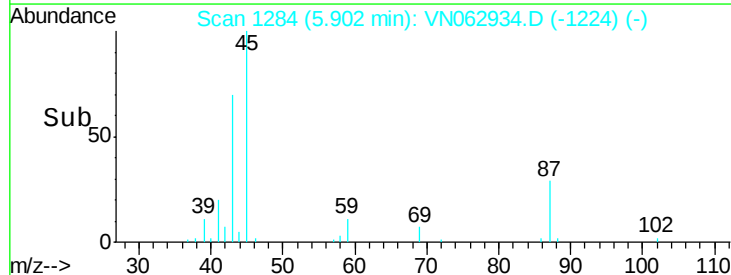
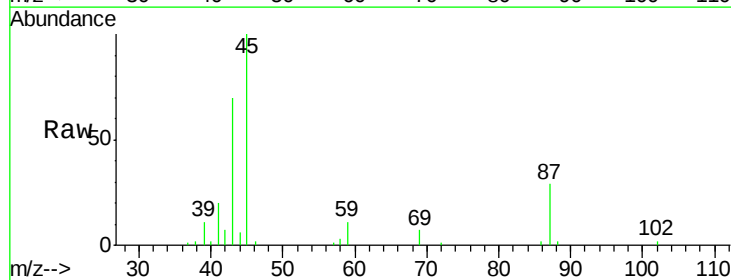
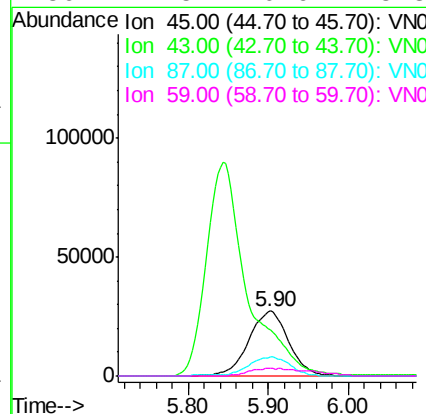
Manual Integrations
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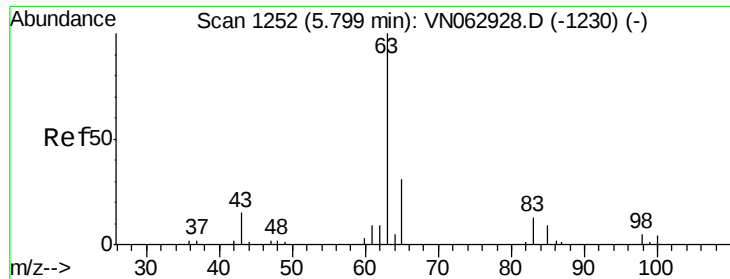
sam
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#20
Diisopropyl ether
Concen: 18.820 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.01 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.9	48.6	72.8
87	28.6	22.6	34.0
59	11.5	10.6	15.8





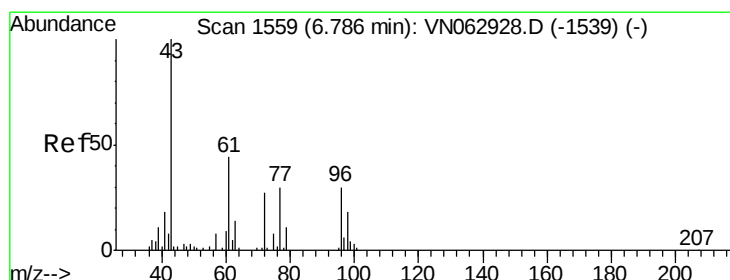
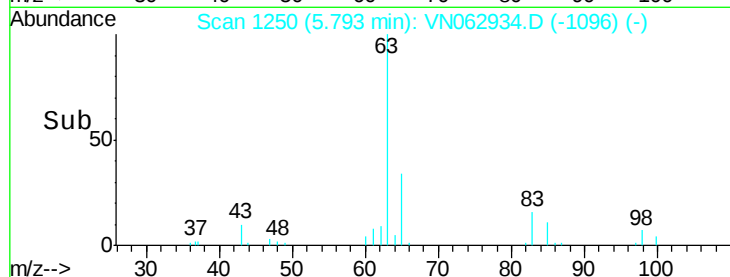
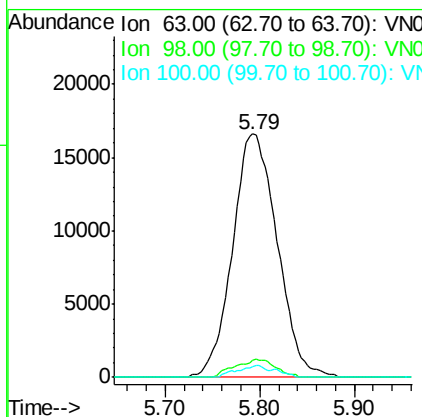
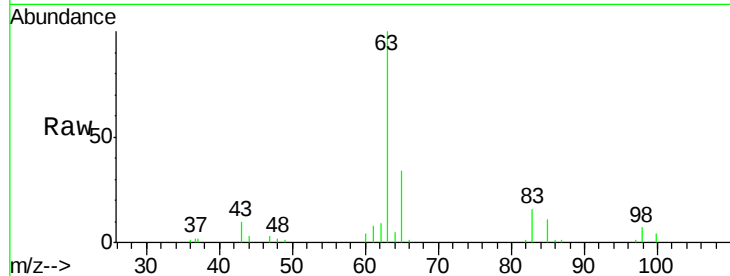
#21
 1,1-Dichloroethane
 Concen: 18.882 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	63	Resp	54559
Ion	Ratio	Lower	Upper
63	100		
98	7.1	2.6	7.8
100	4.4	2.1	6.5

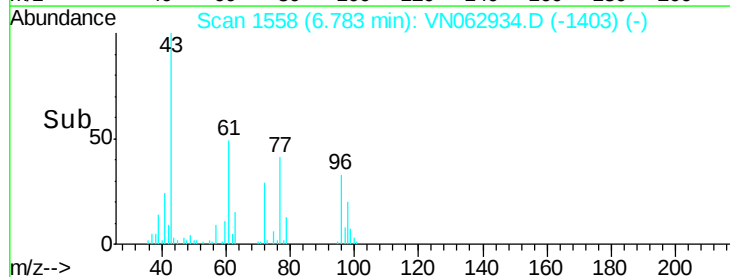
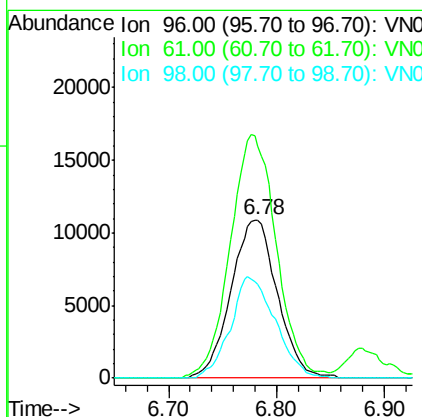
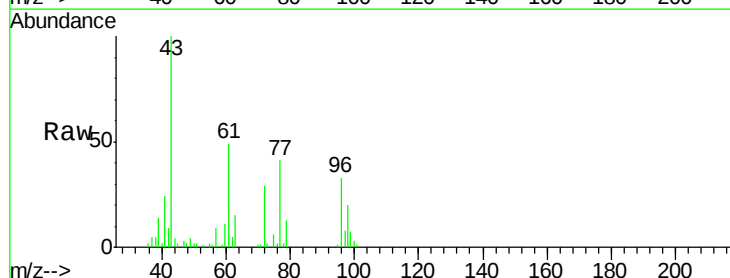
Manual Integrations
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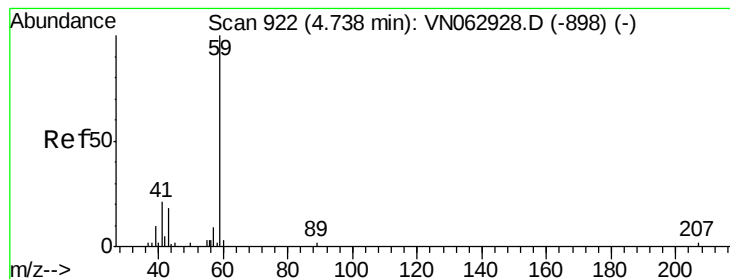
sam
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#22
 cis-1,2-Dichloroethene
 Concen: 19.942 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion	96	Resp	32600
Ion	Ratio	Lower	Upper
96	100		
61	153.2	124.9	187.3
98	61.7	27.8	41.6#





#23

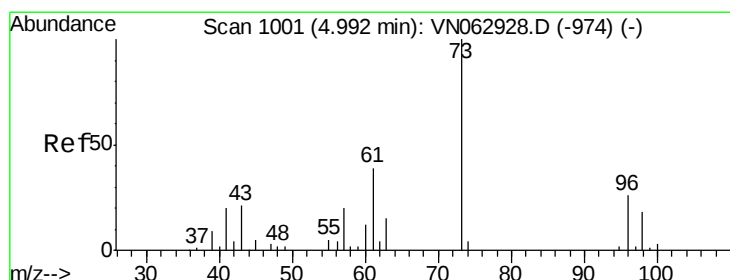
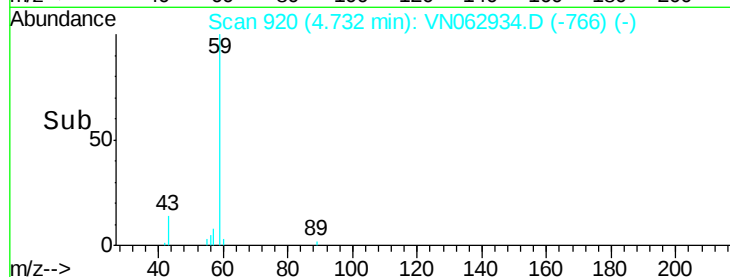
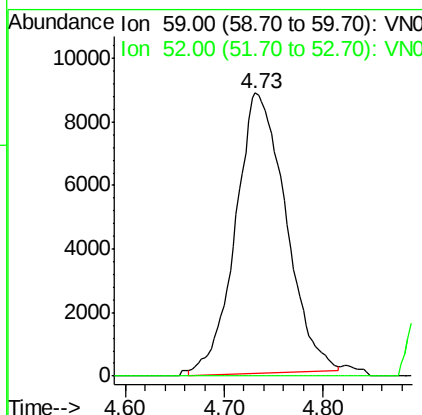
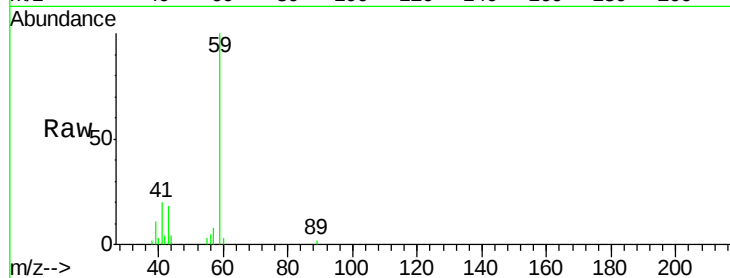
tert-Butyl Alcohol
 Concen: 89.854 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	59	Ratio	Lower	Upper
31115	100			
52	0.0	0.0	0.0	

Manual Integrations
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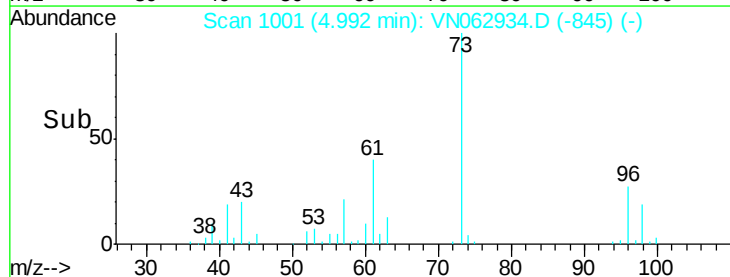
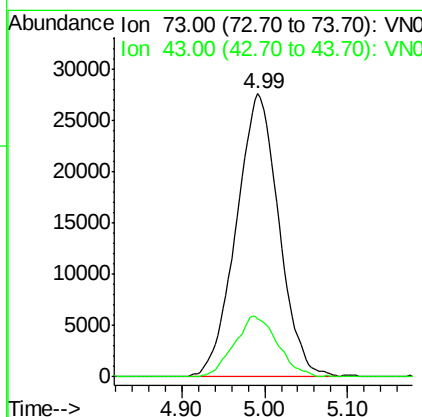
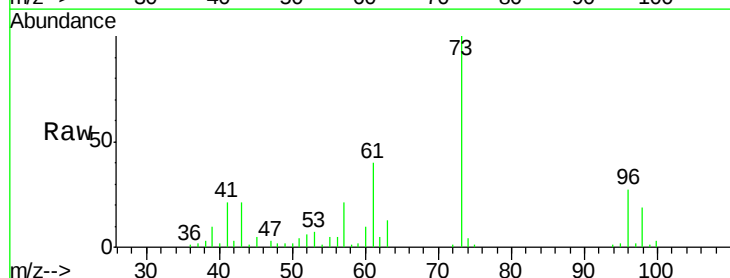
8/17/2020 9:07:23 PM

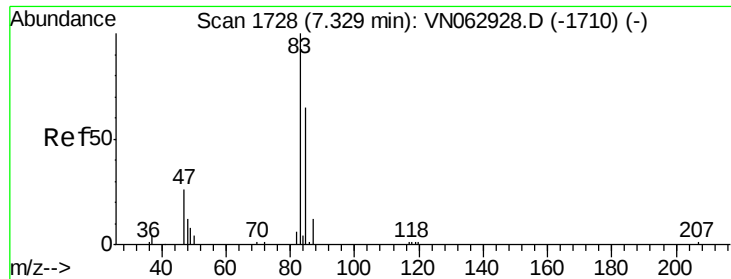


#24

Methyl tert-Butyl Ether
 Concen: 18.564 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion	73	Ratio	Lower	Upper
98757	100			
43	21.7	17.3	25.9	





#25

Chloroform

Concen: 20.190 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020

Tot Ion: 83 Resp: 63301

Ion Ratio Lower Upper

83 100

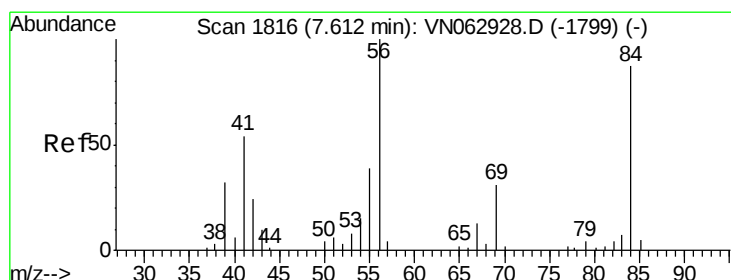
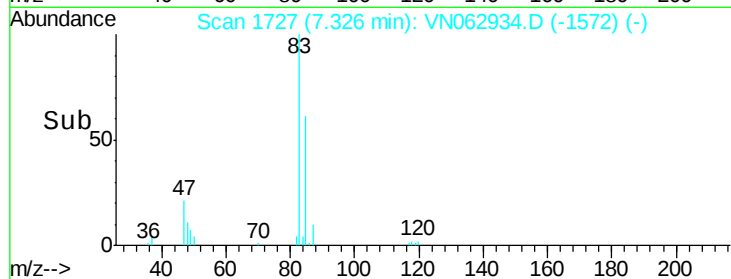
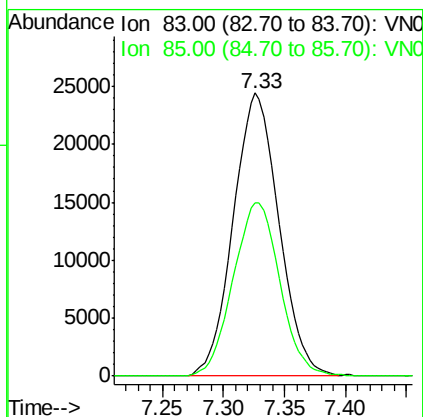
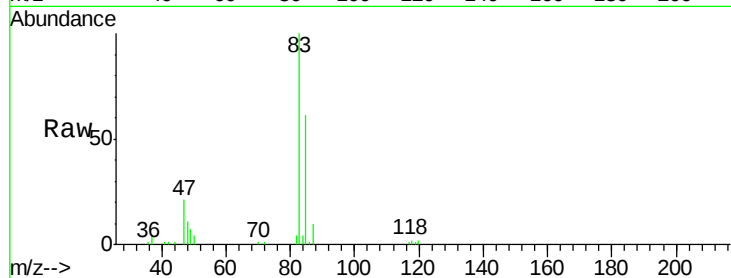
85 61.4 52.3 78.5

Manual Integrations

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sam

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#26

Cyclohexane

Concen: 18.740 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

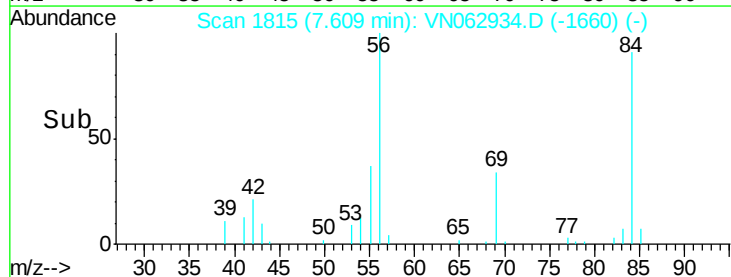
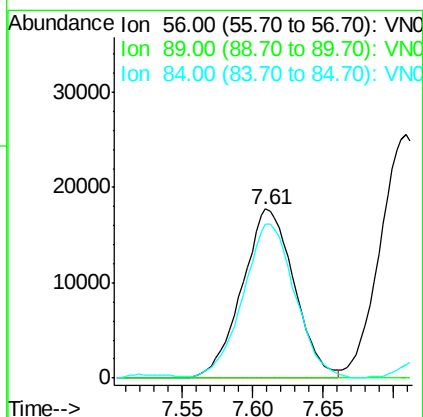
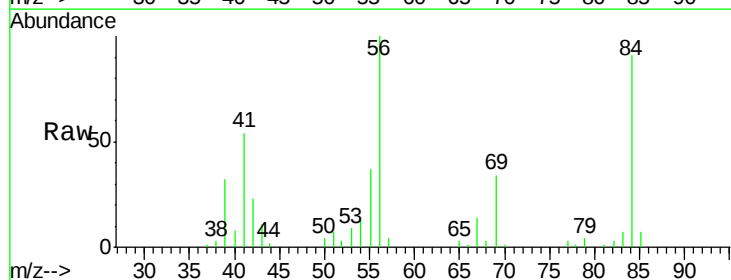
Tgt Ion: 56 Resp: 45844

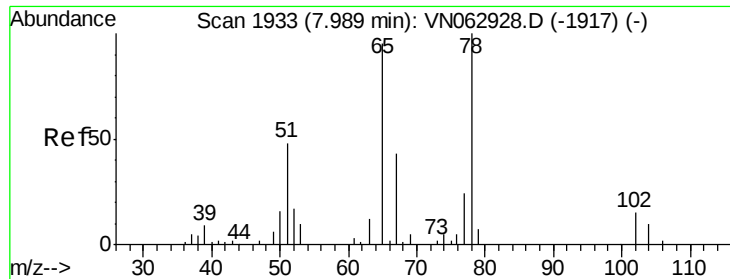
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.0 71.9 107.9





#27

1,2-Dichloroethane-d4

Concen: 30.191 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 65 Resp: 71561

Ion Ratio Lower Upper

65 100

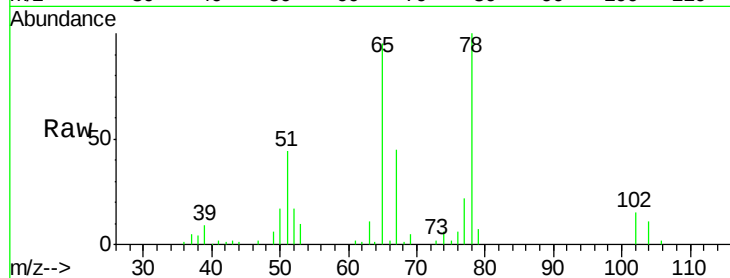
67 47.8 39.5 59.3

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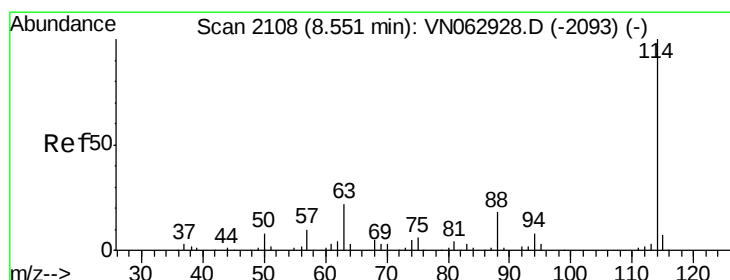
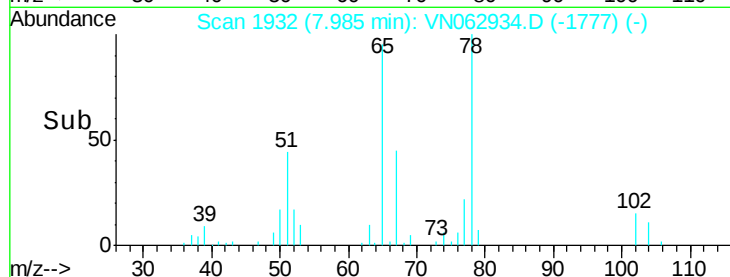
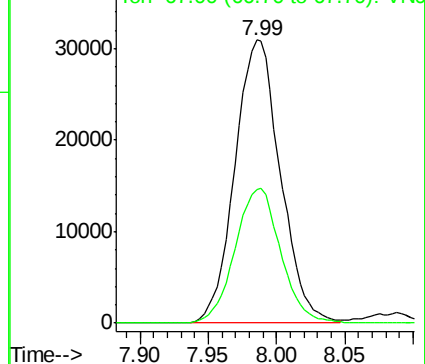
sam

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Abundance Ion 65.00 (64.70 to 65.70): VN062928.D (-1917) (-)

Ion 67.00 (66.70 to 67.70): VN062928.D (-1917) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

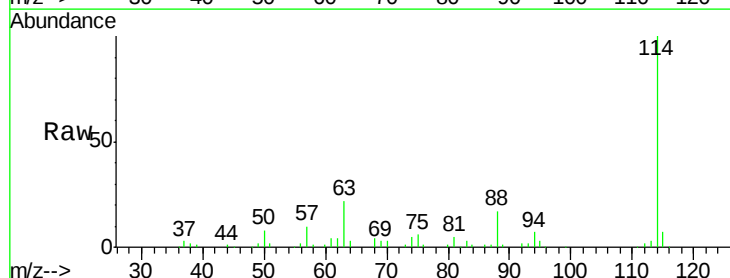
Tgt Ion: 114 Resp: 135423

Ion Ratio Lower Upper

114 100

63 22.2 17.7 26.5

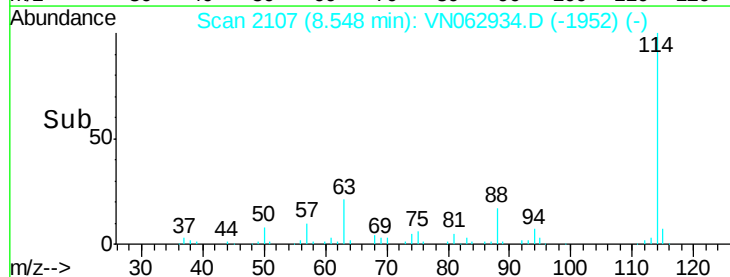
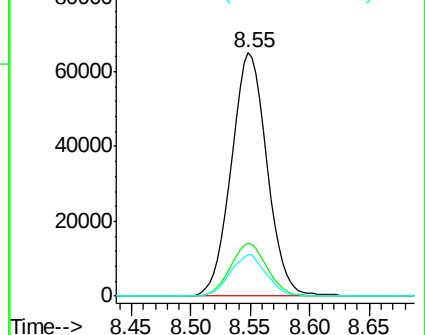
88 17.0 13.9 20.9

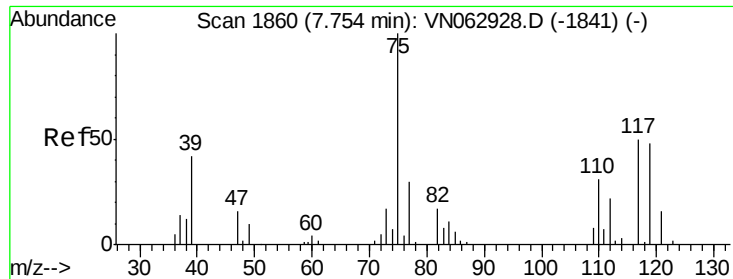


Abundance Ion 114.00 (113.70 to 114.70): VN062928.D (-2093) (-)

Ion 63.00 (62.70 to 63.70): VN062928.D (-2093) (-)

Ion 88.00 (87.70 to 88.70): VN062928.D (-2093) (-)





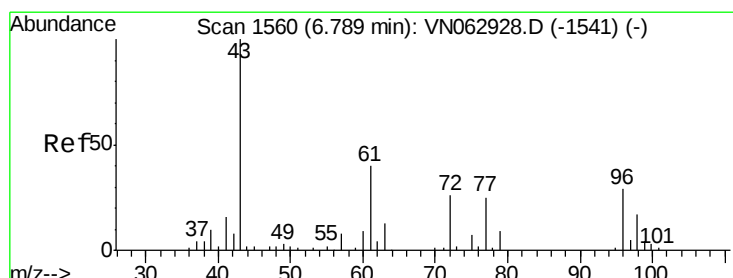
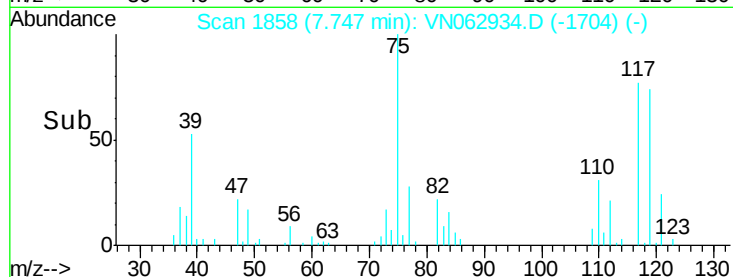
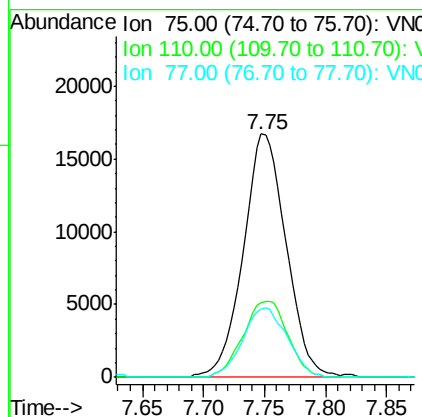
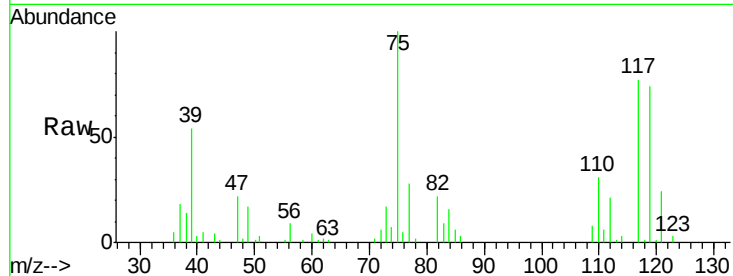
#29
 1,1-Dichloropropene
 Concen: 20.311 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.8	0.0	65.8
77	29.8	0.0	59.8

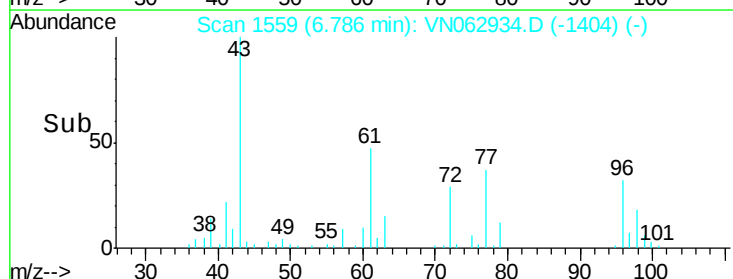
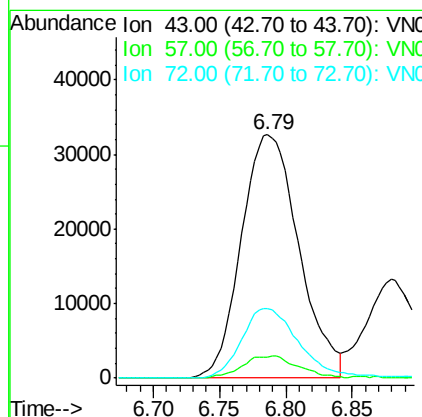
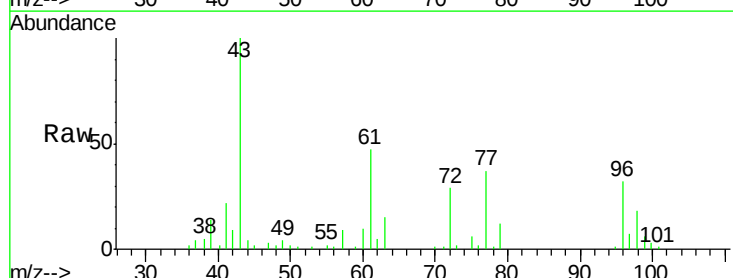
Manual Integrations
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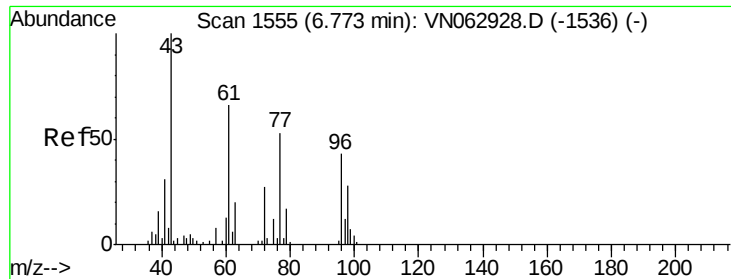
sam
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#30
 2-Butanone
 Concen: 95.731 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
43	100		
57	3.7	7.0	10.6#
72	28.6	22.0	33.0





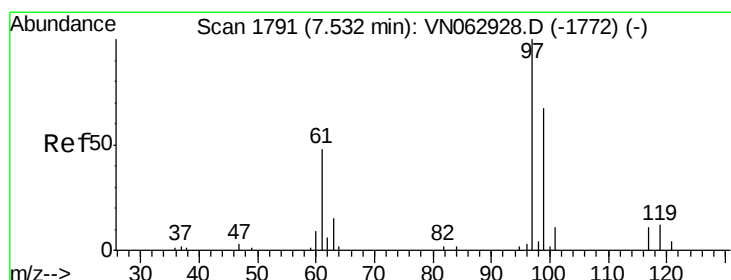
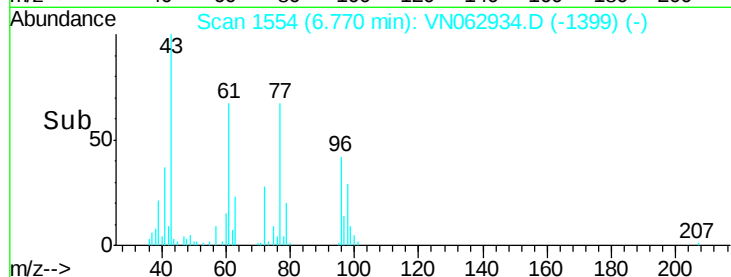
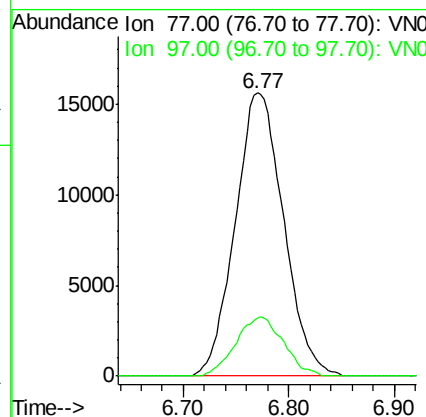
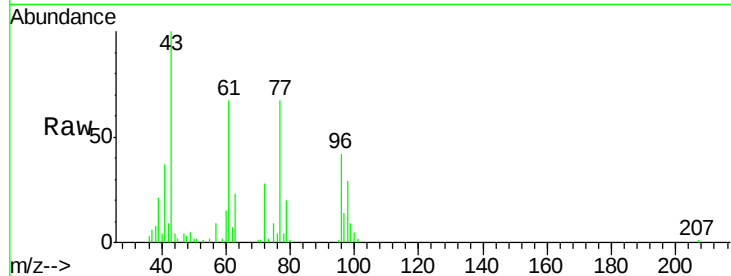
#31
 2,2-Dichloropropane
 Concen: 25.029 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion: 77 Resp: 49785
 Ion Ratio Lower Upper
 77 100
 97 20.5 16.1 24.1

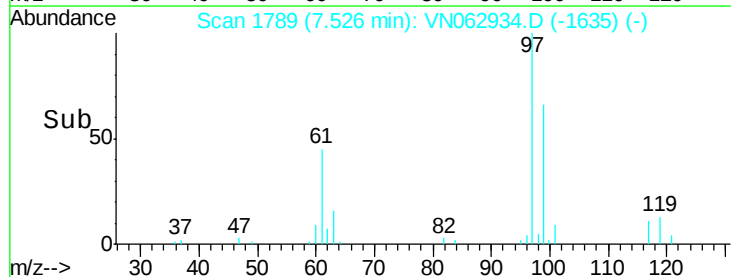
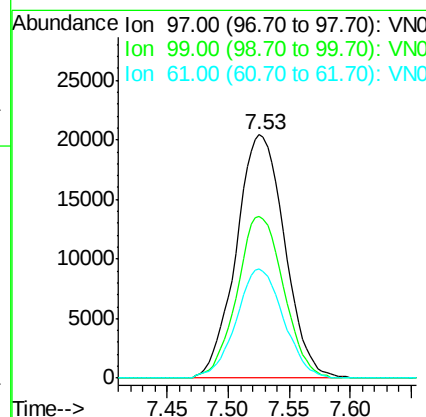
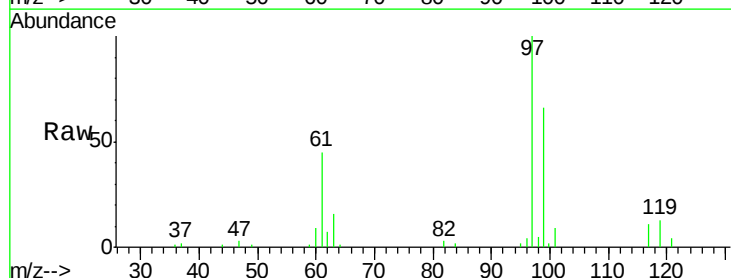
Manual Integrations
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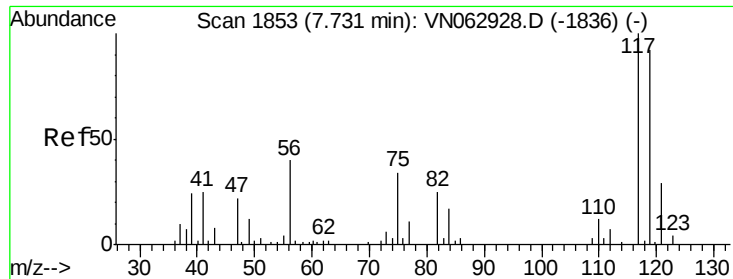
sam
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#32
 1,1,1-Trichloroethane
 Concen: 20.557 ug/l
 RT: 7.53 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion: 97 Resp: 56265
 Ion Ratio Lower Upper
 97 100
 99 63.9 53.8 80.8
 61 43.7 36.3 54.5





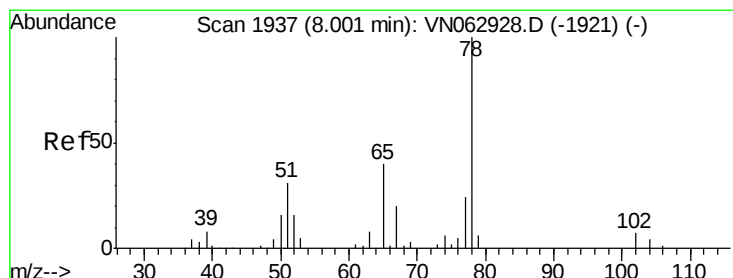
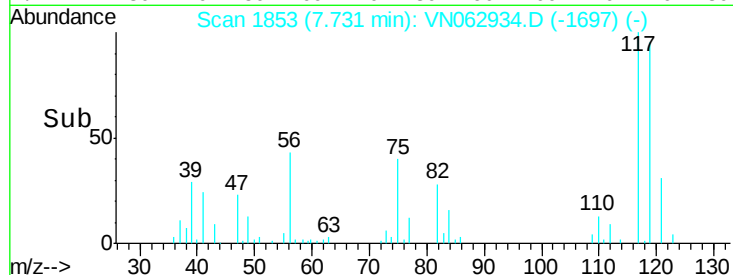
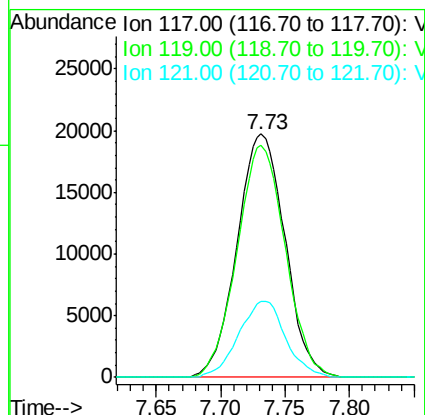
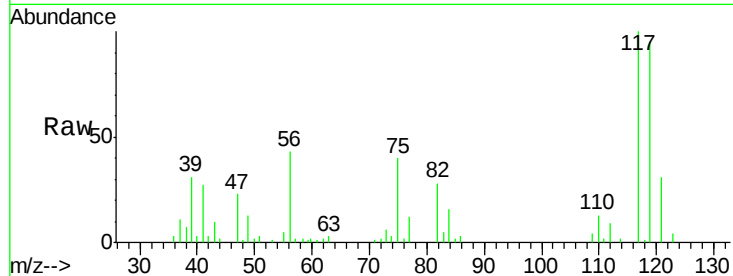
#33
Carbon Tetrachloride
Concen: 20.991 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.4	73.9	110.9
121	31.0	23.2	34.8

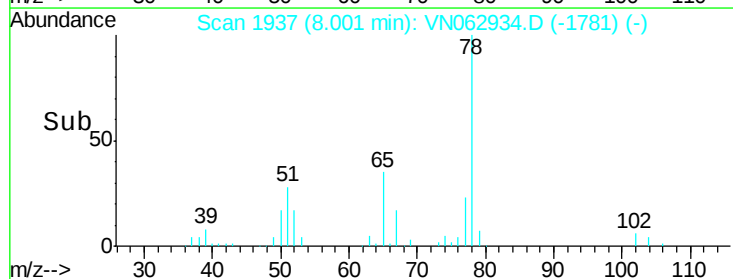
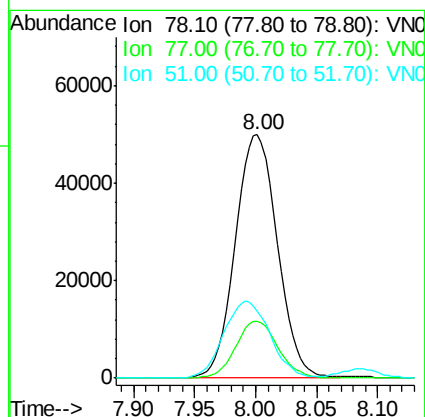
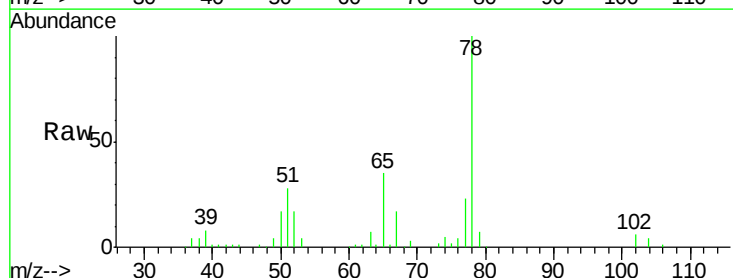
Manual Integrations
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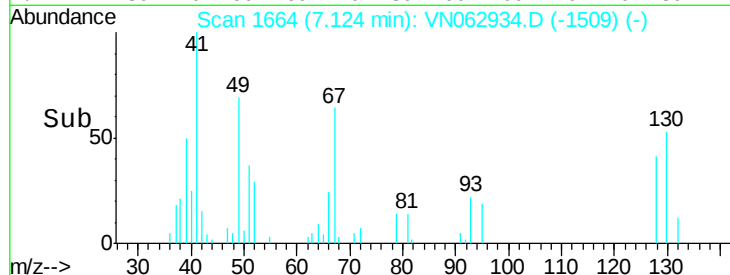
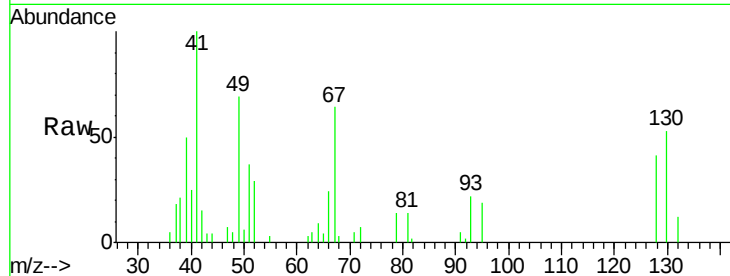
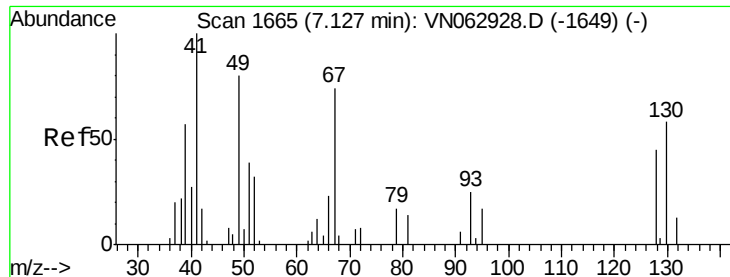
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#34
Benzene
Concen: 19.936 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

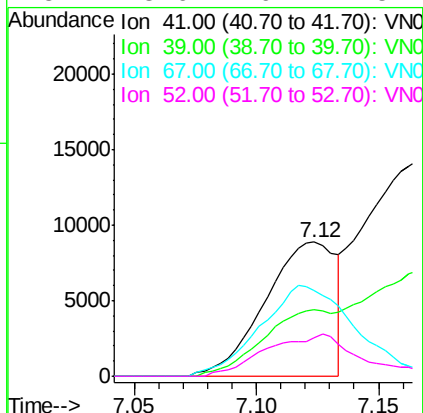
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9
51	27.2	24.9	37.3





#35
Methacrylonitrile
Concen: 19.549 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

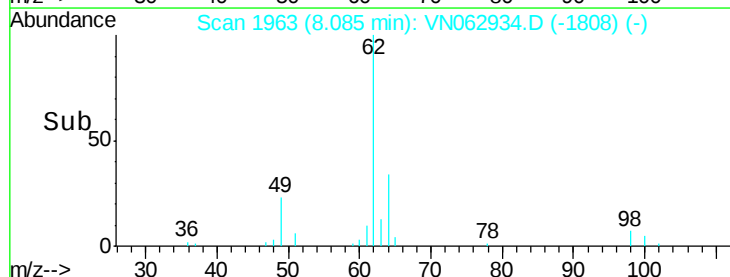
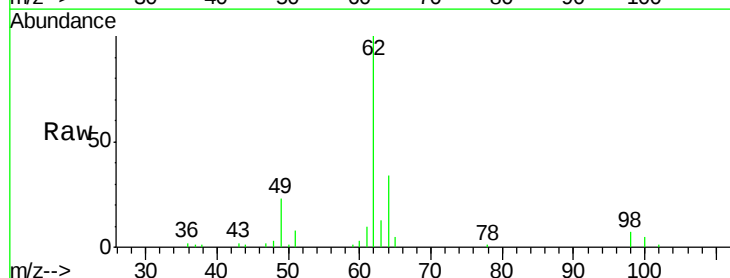
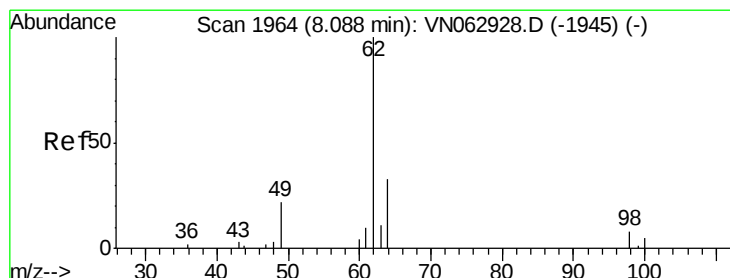
Tot Ion	41	Resp	17884
Ion	Ratio	Lower	Upper
41	100		
39	50.0	28.7	86.3
67	63.6	36.8	110.3
52	28.6	16.1	48.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

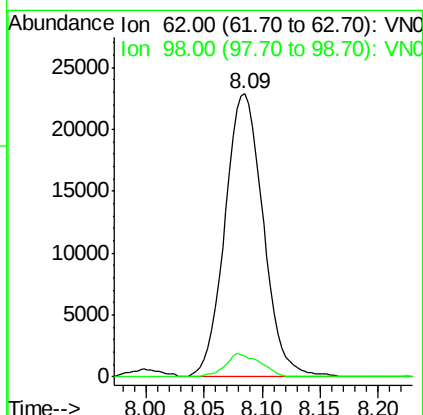
Manual Integrations
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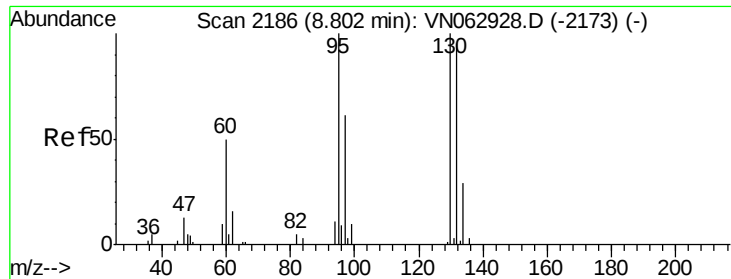
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#36
1,2-Dichloroethane
Concen: 20.144 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion	62	Resp	52541
Ion	Ratio	Lower	Upper
62	100		
98	7.5	6.1	9.1





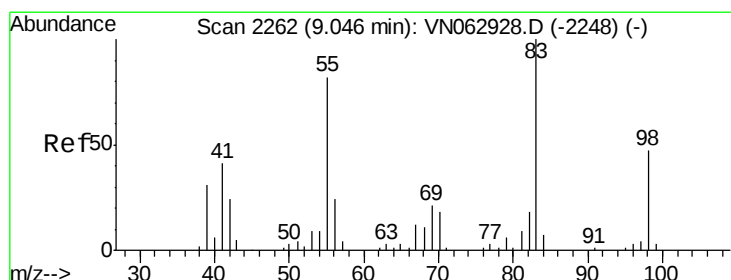
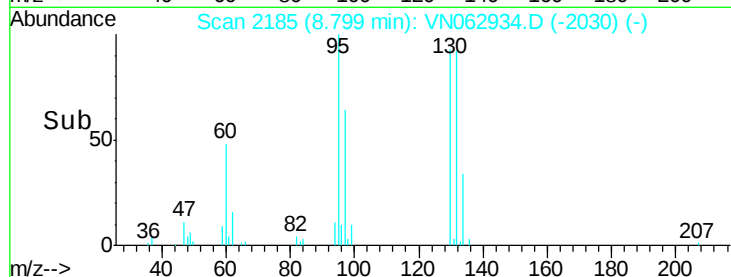
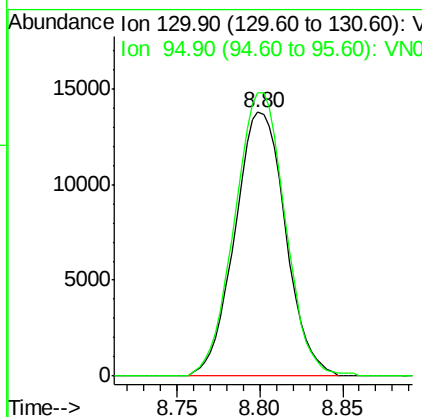
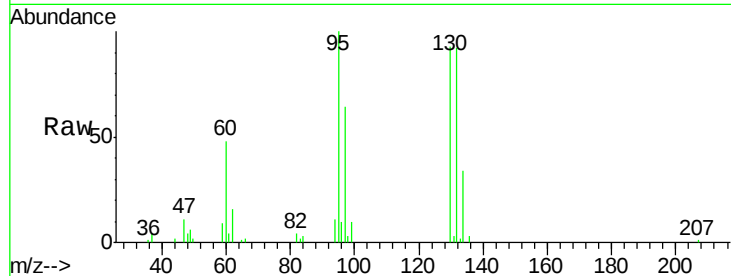
#37
 Trichloroethene
 Concen: 19.635 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 29247
 Ion Ratio Lower Upper
 130 100
 95 107.2 80.1 120.1

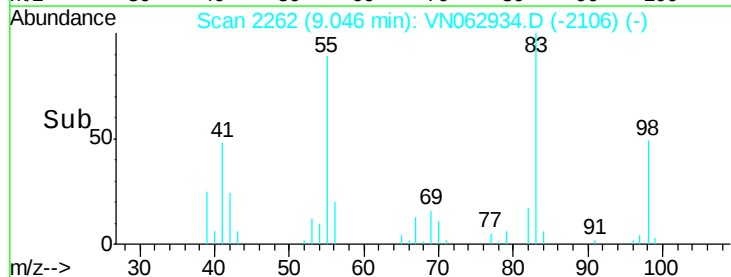
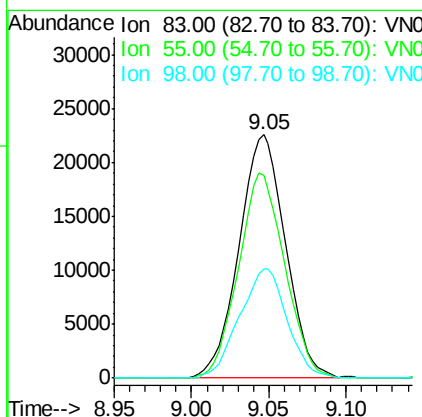
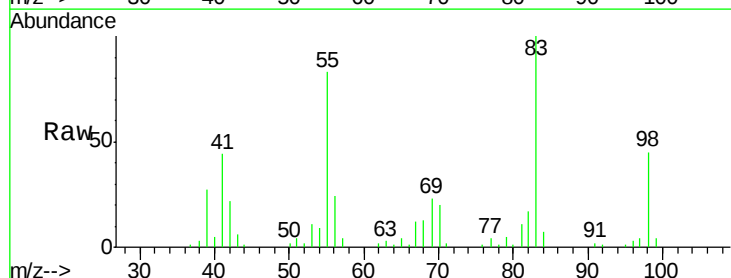
Manual Integrations
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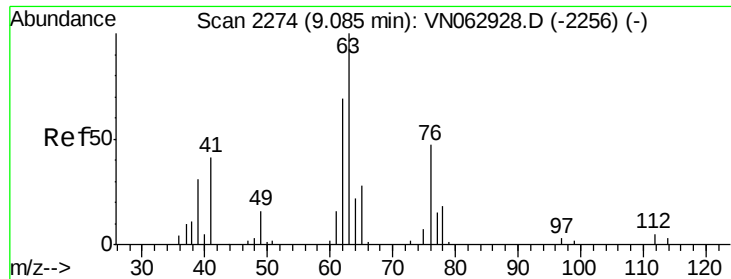
sam
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#38
 Methylcyclohexane
 Concen: 19.735 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion: 83 Resp: 47153
 Ion Ratio Lower Upper
 83 100
 55 83.7 40.8 122.5
 98 45.9 22.3 66.8





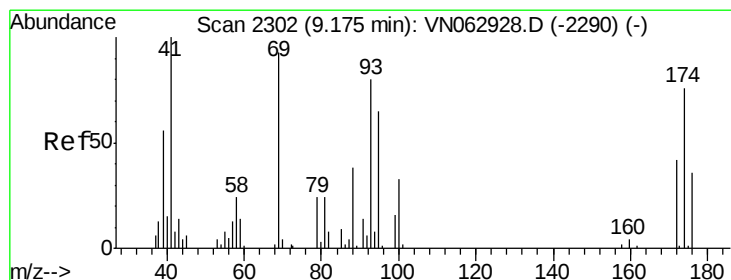
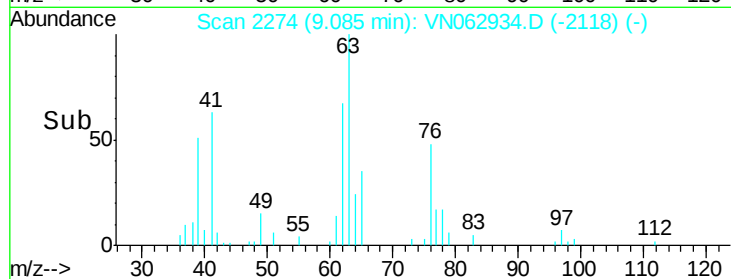
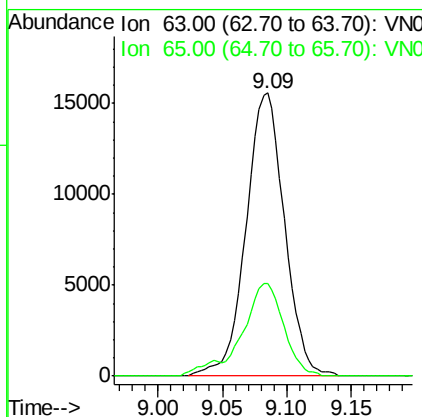
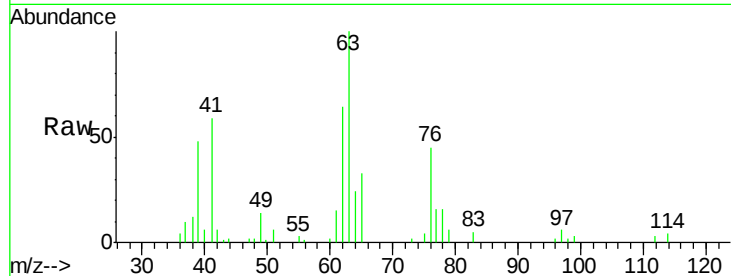
#39
 1,2-Dichloropropane
 Concen: 19.776 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	23.8	35.6

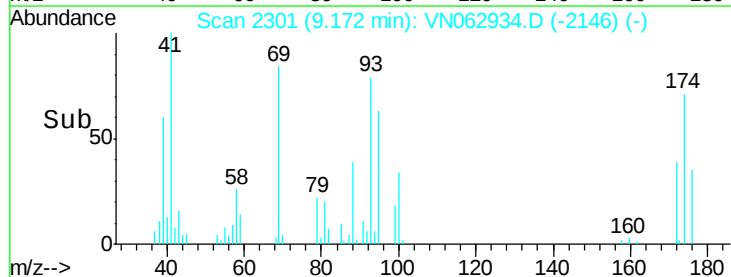
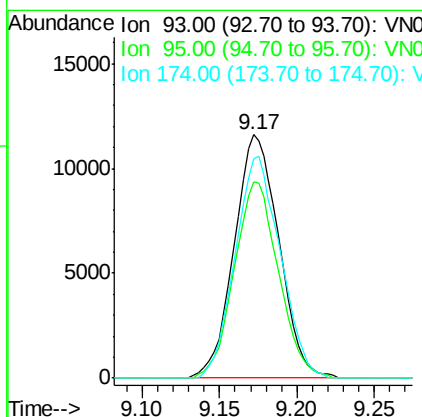
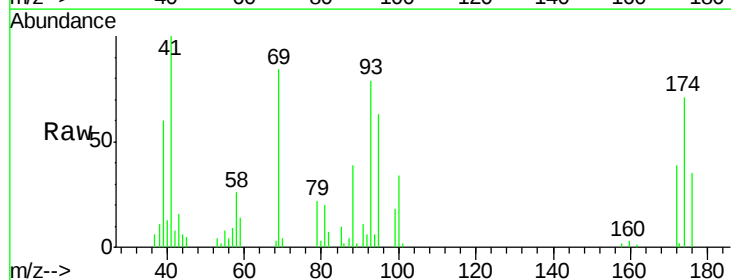
Manual Integrations
 APPROVED

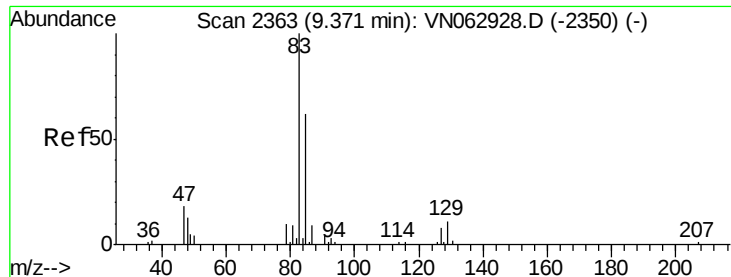
sam
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#40
 Dibromomethane
 Concen: 20.950 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.8	0.0	161.8
174	92.0	0.0	190.0





#41

Bromodichloromethane

Concen: 20.505 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

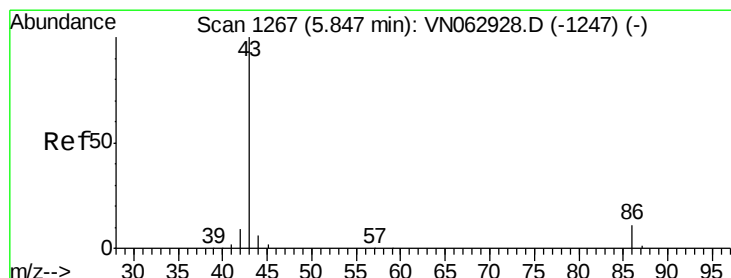
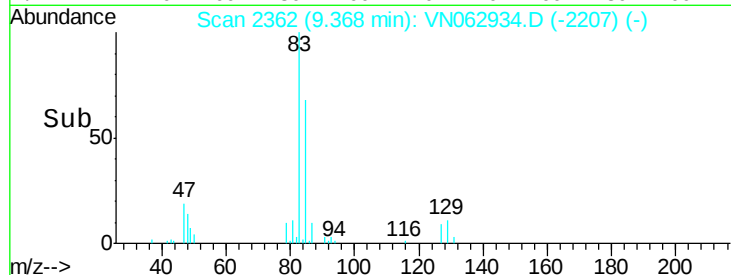
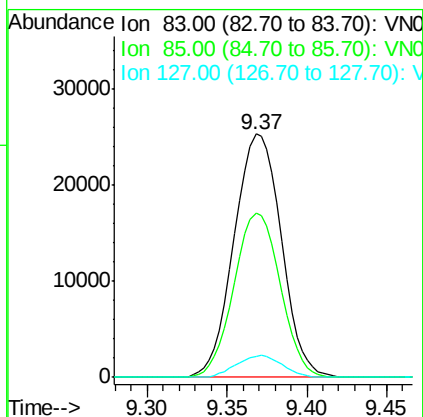
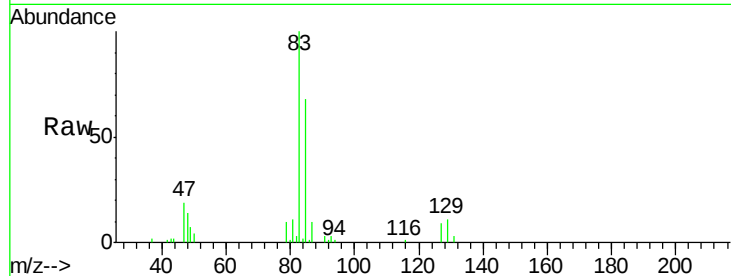
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	51098
Ion Ratio	Lower	Upper	
83	100		
85	67.7	49.9	74.9
127	8.6	7.1	10.7

Manual Integrations
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#42

Vinyl Acetate

Concen: 91.341 ug/l

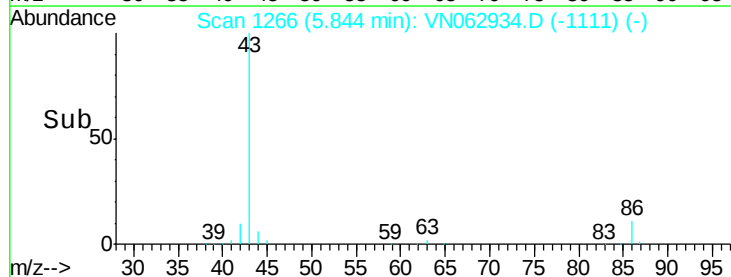
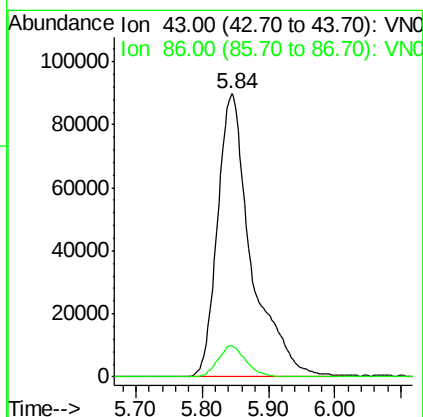
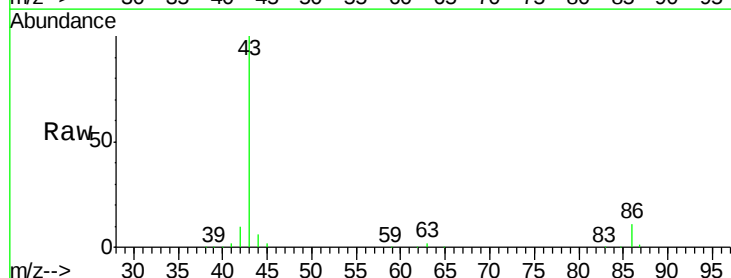
RT: 5.84 min Scan# 1266

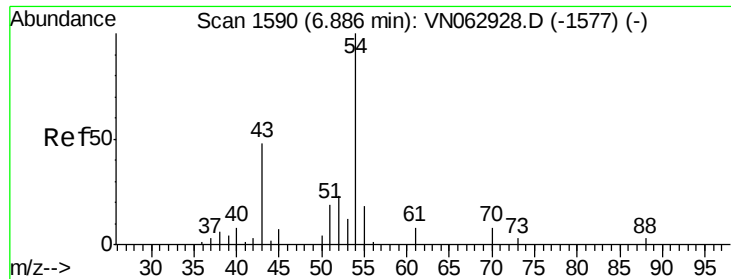
Delta R.T. -0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Tgt Ion:	43	Resp:	318384
Ion Ratio	Lower	Upper	
43	100		
86	9.2	7.1	10.7





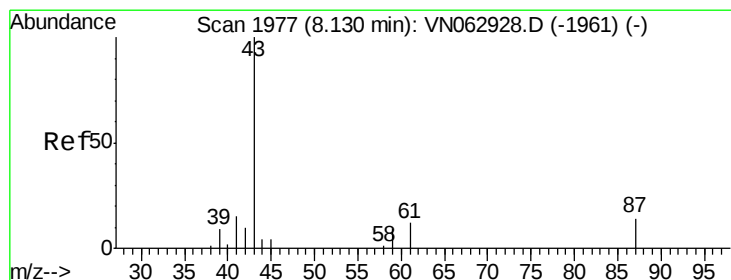
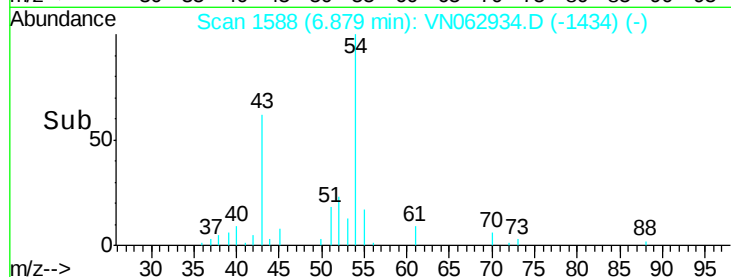
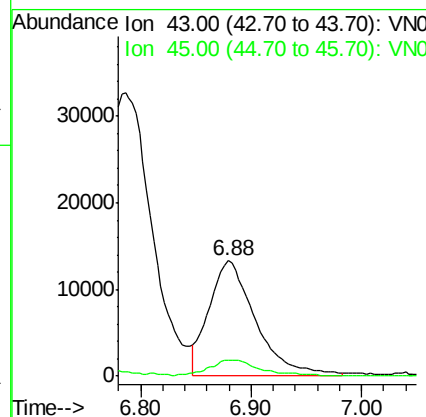
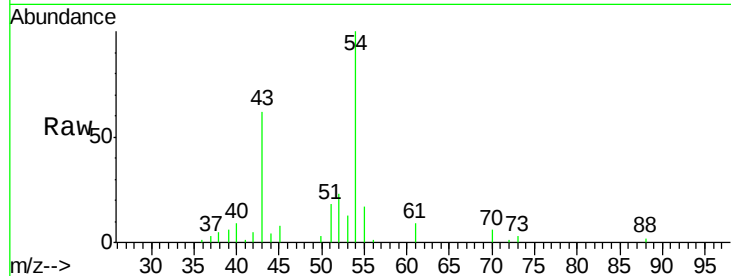
#43
Ethyl Acetate
Concen: 19.174 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion: 43 Resp: 38839
Ion Ratio Lower Upper
43 100
45 6.2 6.6 9.8#

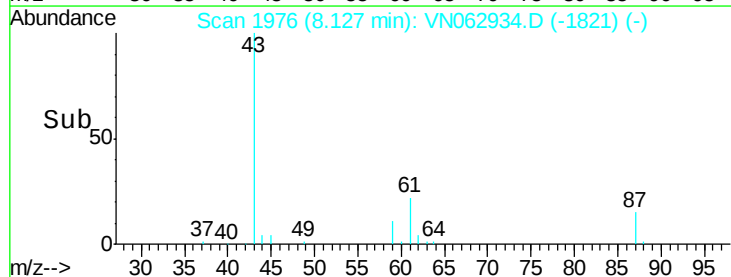
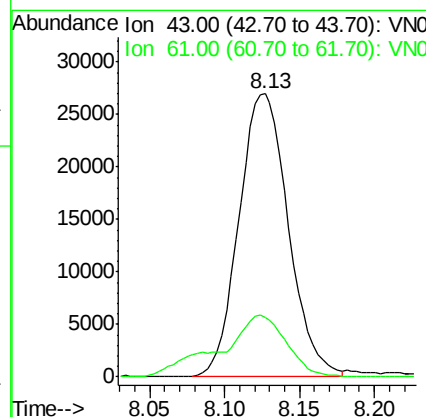
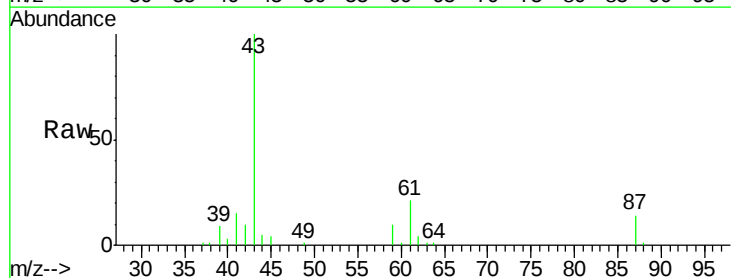
Manual Integrations
APPROVED

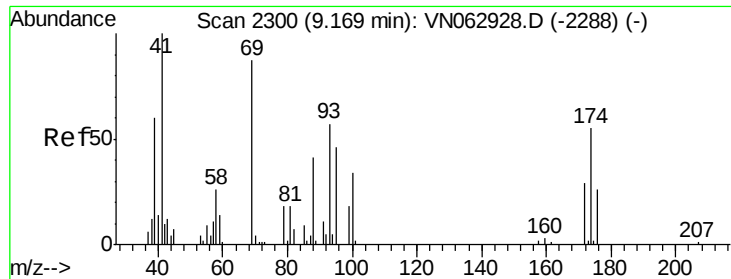
sam
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#44
Isopropyl Acetate
Concen: 18.752 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion: 43 Resp: 62029
Ion Ratio Lower Upper
43 100
61 20.7 17.2 25.8





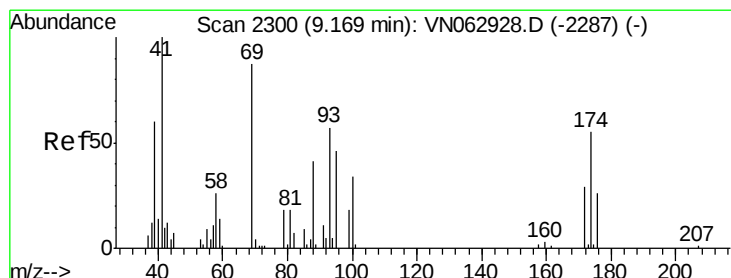
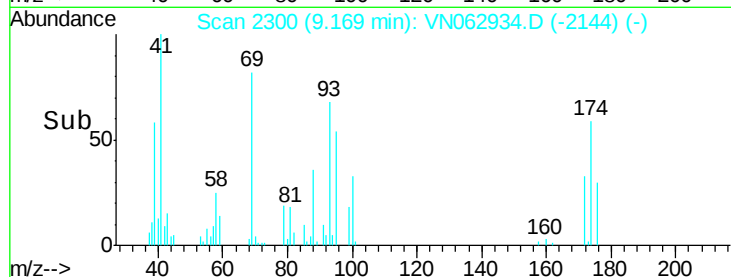
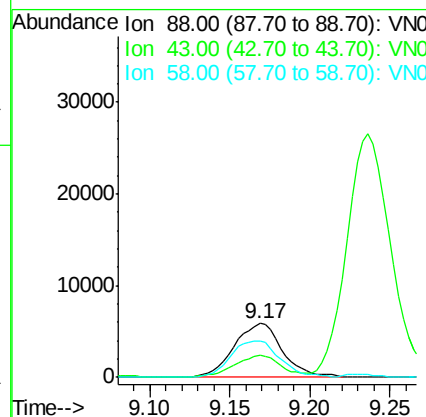
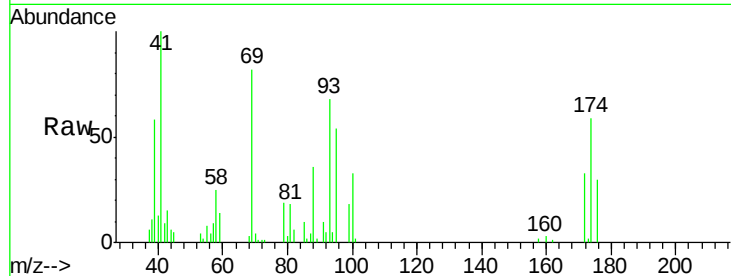
#45
1,4-Dioxane
Concen: 373.979 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.0	26.0	39.0#
58	69.0	54.2	81.2

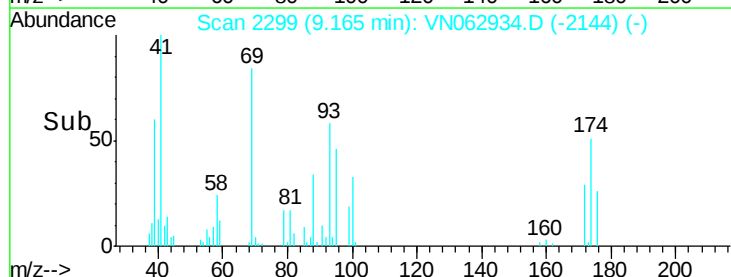
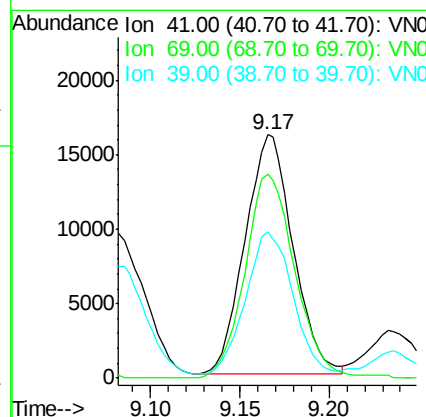
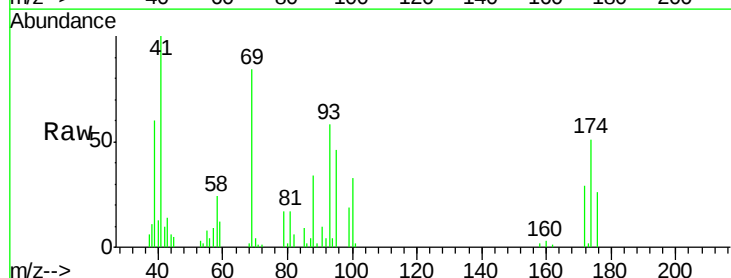
Manual Integrations
APPROVED

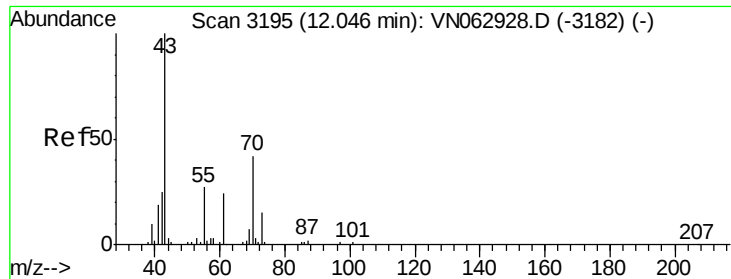
sam
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#46
Methyl methacrylate
Concen: 18.232 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.3	43.6	130.9
39	59.3	29.9	89.8





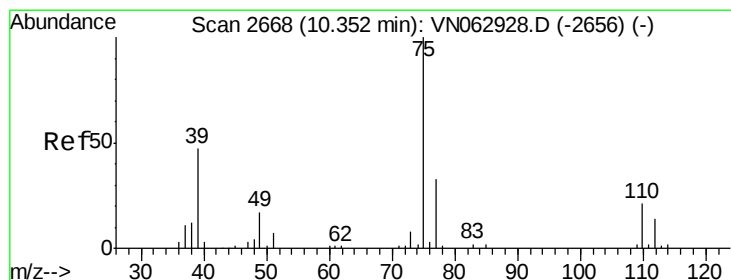
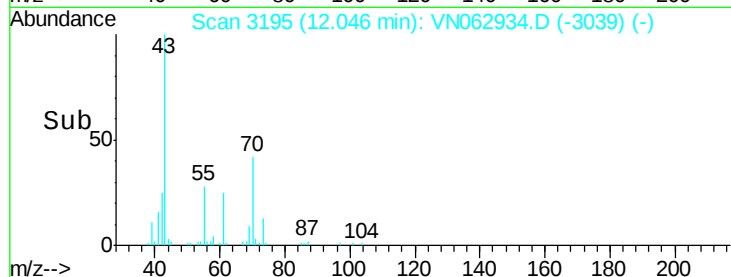
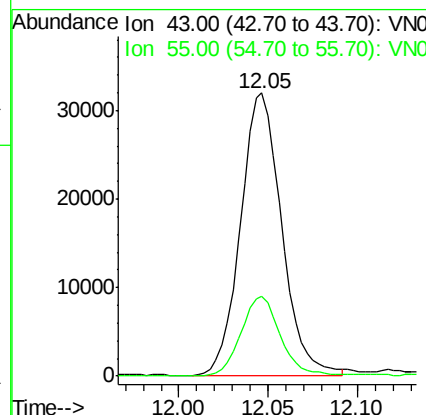
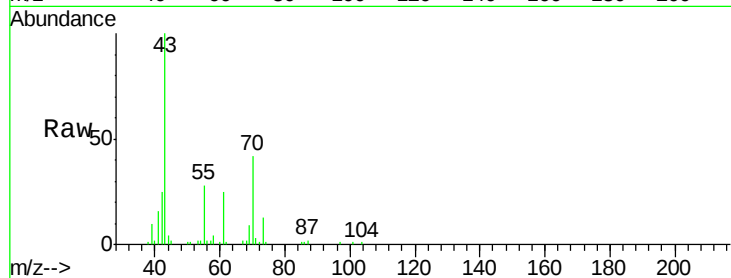
#47
n-amvl Acetate
Concen: 17.459 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
55	27.1	20.8	31.2

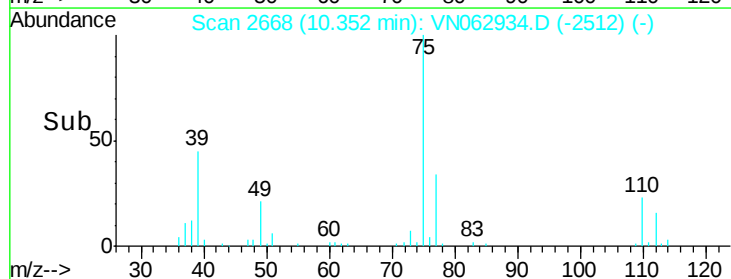
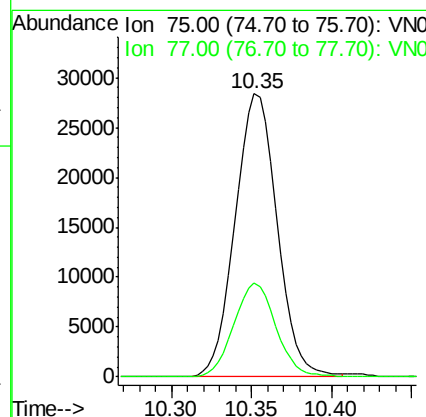
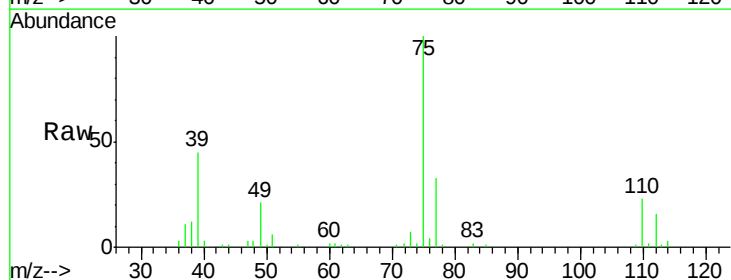
Manual Integrations
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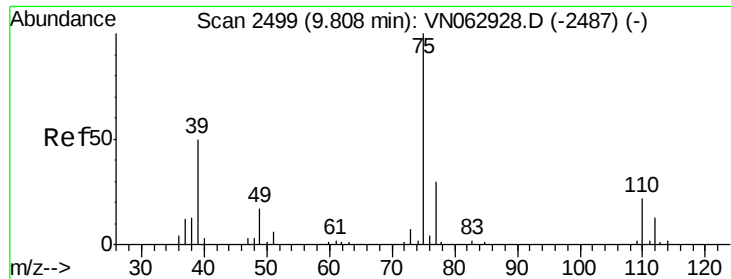
sam
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#48
t-1,3-Dichloropropene
Concen: 19.542 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.2	39.2





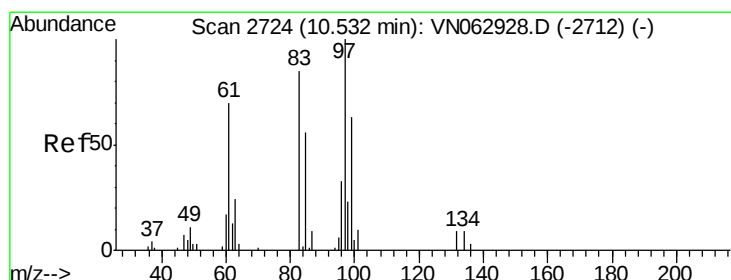
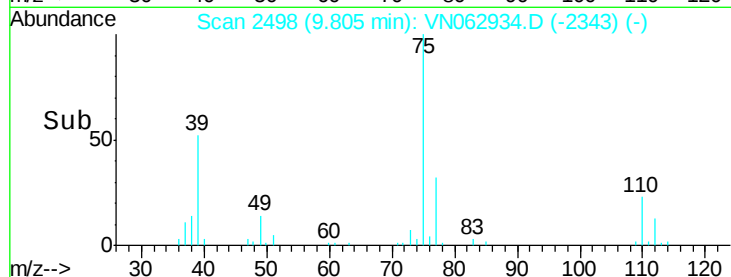
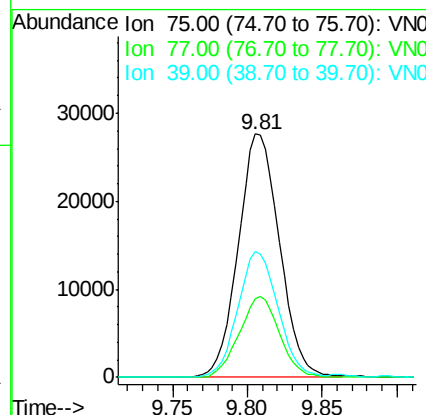
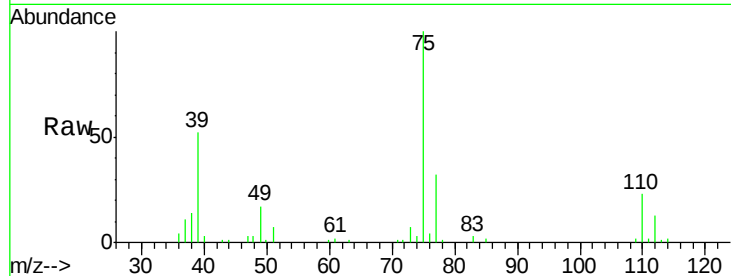
#49
 cis-1,3-Dichloropropene
 Concen: 20.331 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:	75	Resp:	53186
Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.4	36.6
39	51.6	40.2	60.4

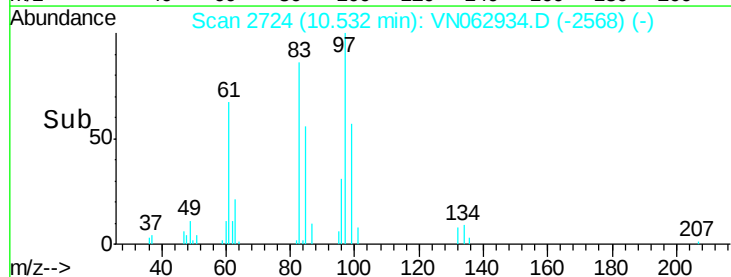
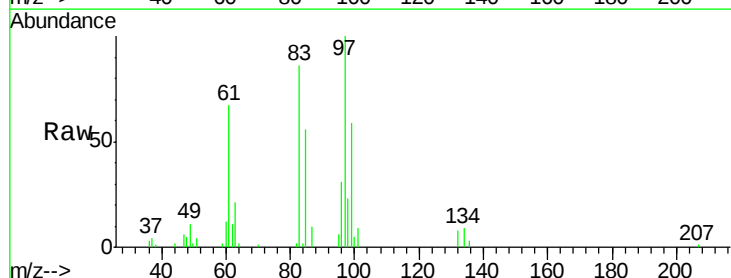
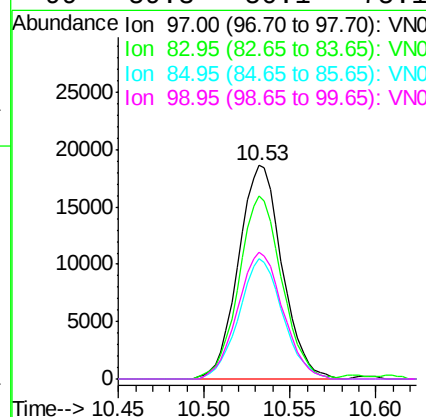
Manual Integrations
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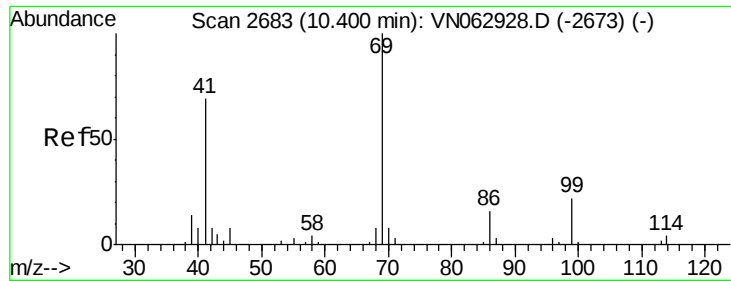
sam
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#50
 1,1,2-Trichloroethane
 Concen: 20.669 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion:	97	Resp:	32982
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.8	101.6
85	56.4	44.5	66.7
99	59.3	50.1	75.1





#51

Ethyl methacrylate

Concen: 18.672 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

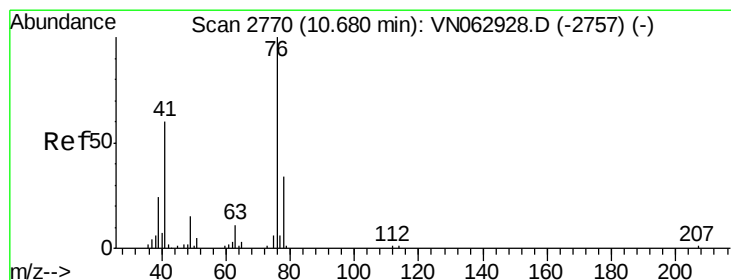
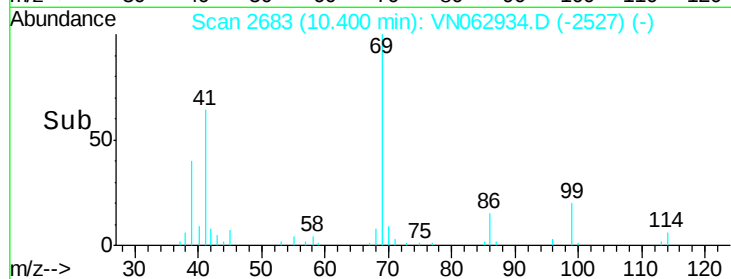
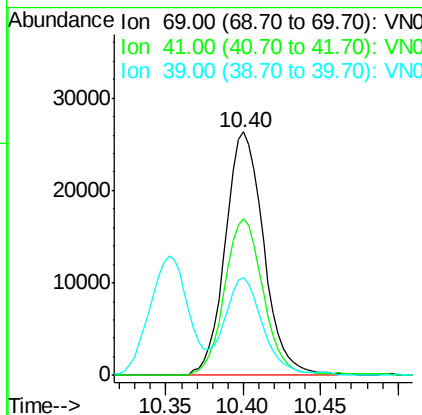
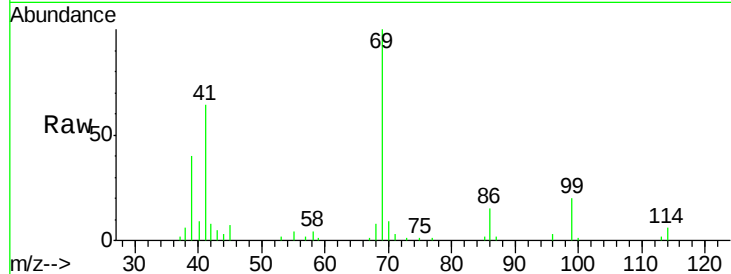
ClientSampled :

VSTDCCC020

Tot Ion:	69	Resp:	45359
Ion	Ratio	Lower	Upper
69	100		
41	64.4	34.8	104.3
39	40.2	18.6	55.8

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.822 ug/l

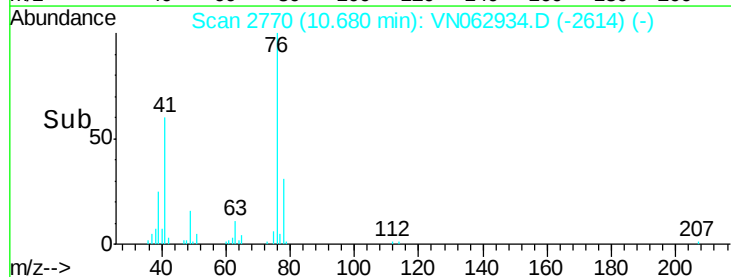
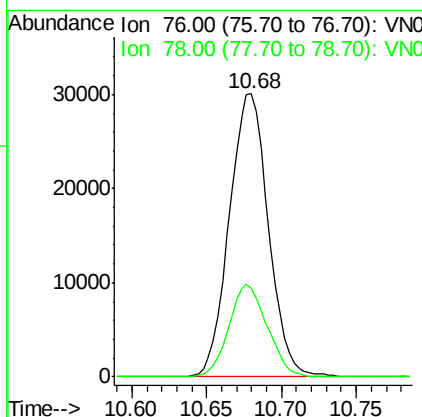
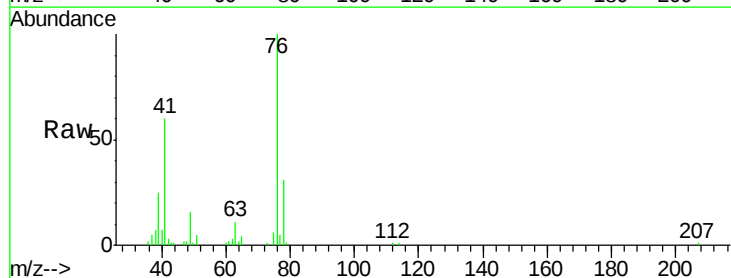
RT: 10.68 min Scan# 2770

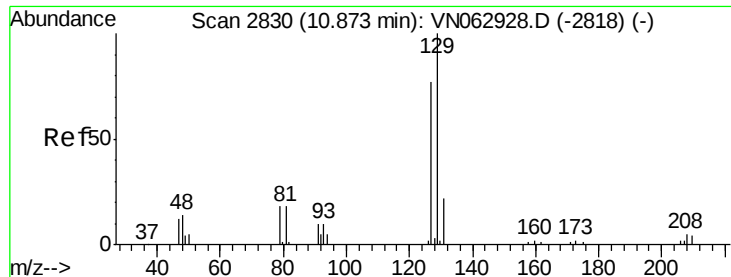
Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Tgt Ion:	76	Resp:	54652
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	66.2





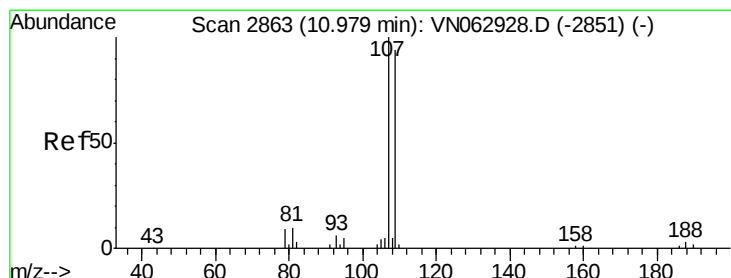
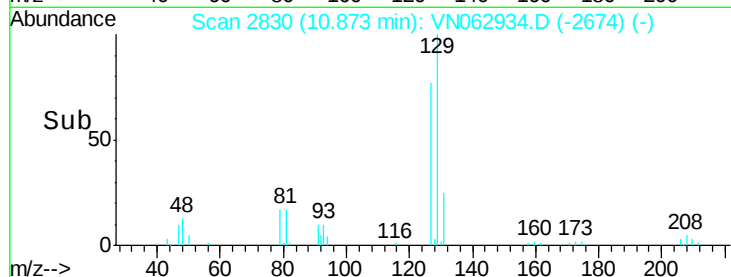
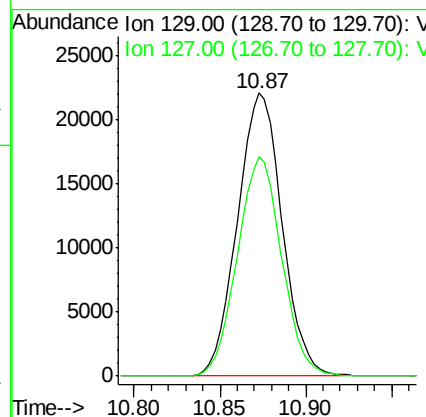
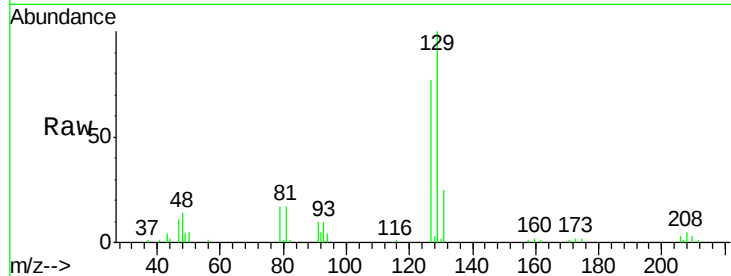
#53
 Dibromochloromethane
 Concen: 20.926 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.1	114.5

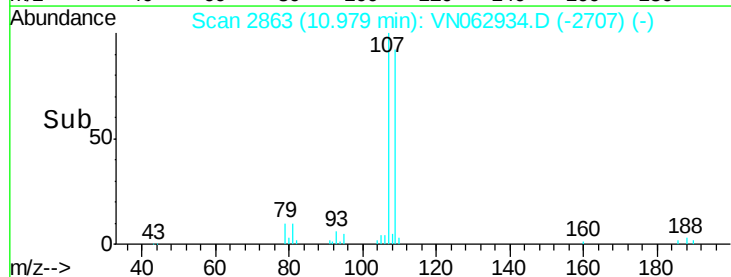
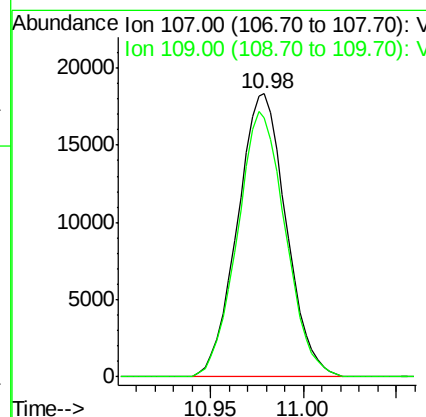
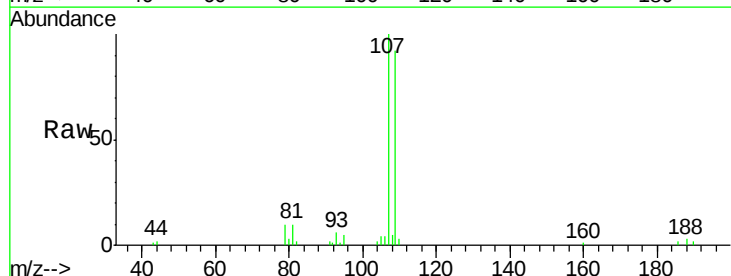
Manual Integrations
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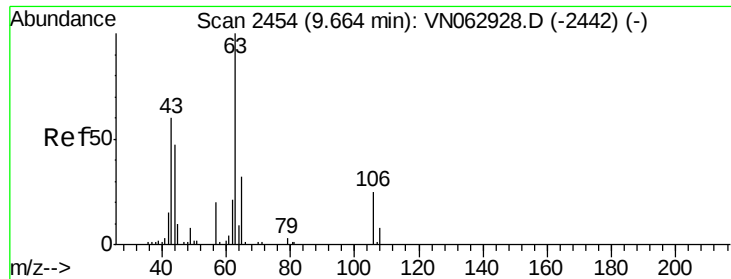
sam
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#54
 1,2-Dibromoethane
 Concen: 20.451 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.5	76.9	115.3





#55

2-Chloroethyl vinyl ether

Concen: 84.787 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

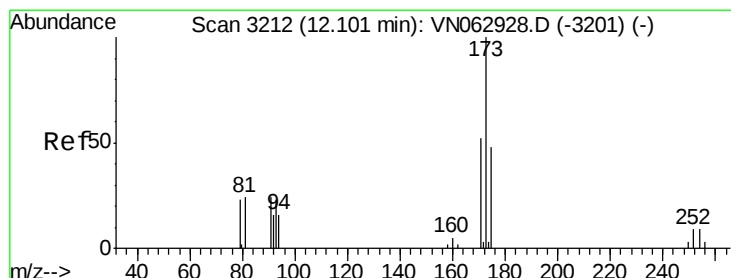
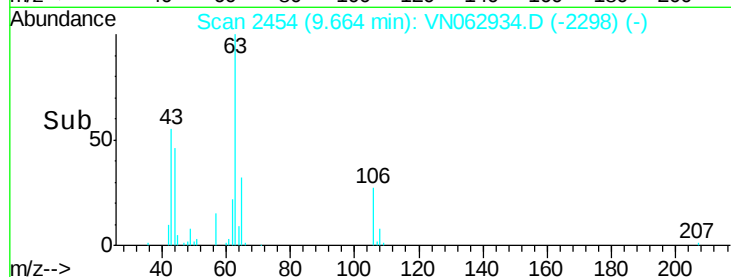
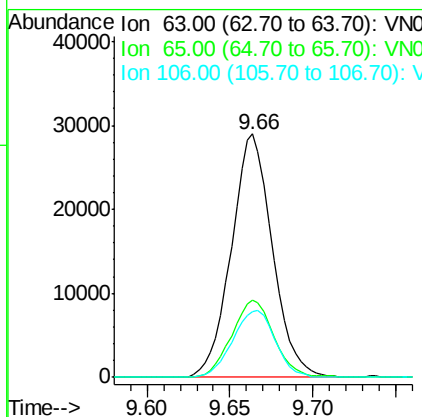
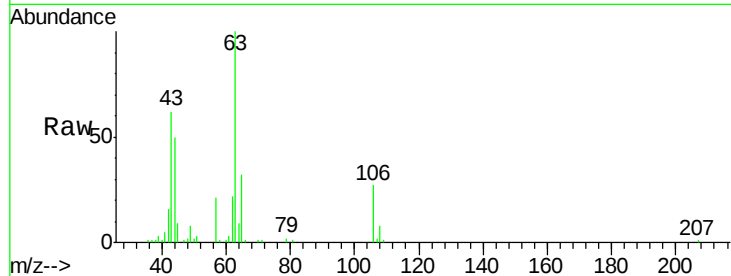
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	49844
Ion Ratio	Lower	Upper	
63	100		
65	32.5	25.8	38.8
106	28.4	20.4	30.6

Manual Integrations
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#56

Bromoform

Concen: 19.999 ug/l

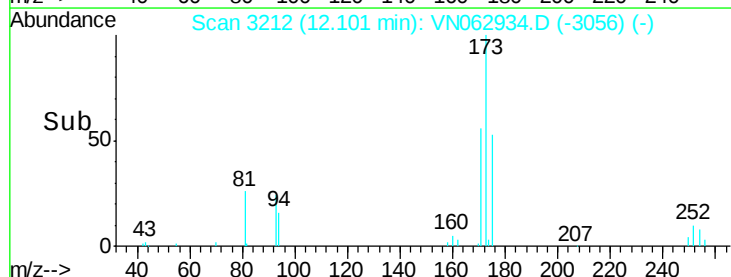
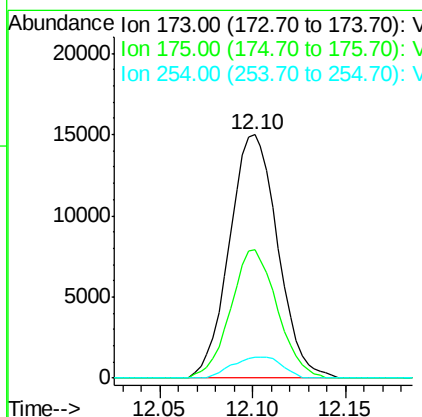
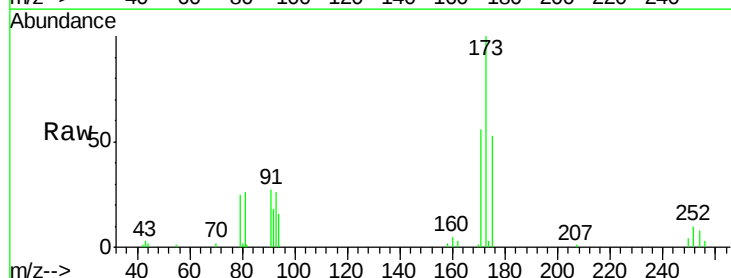
RT: 12.10 min Scan# 3212

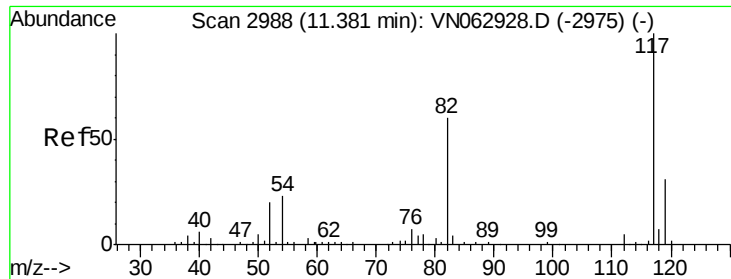
Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Tgt Ion:	173	Resp:	27077
Ion Ratio	Lower	Upper	
173	100		
175	50.8	37.8	56.6
254	8.9	6.9	10.3





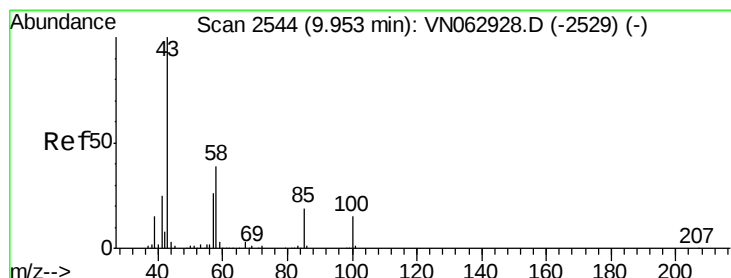
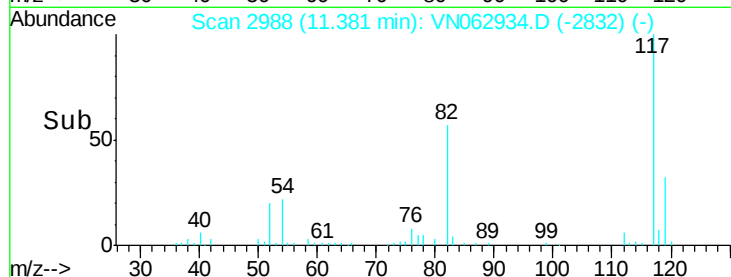
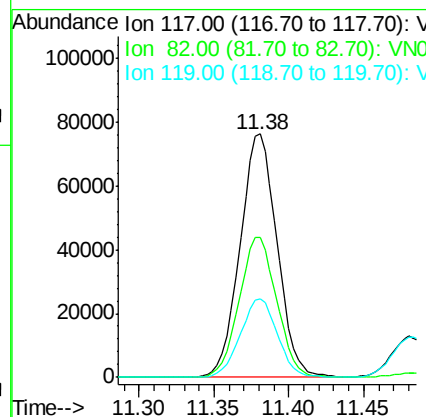
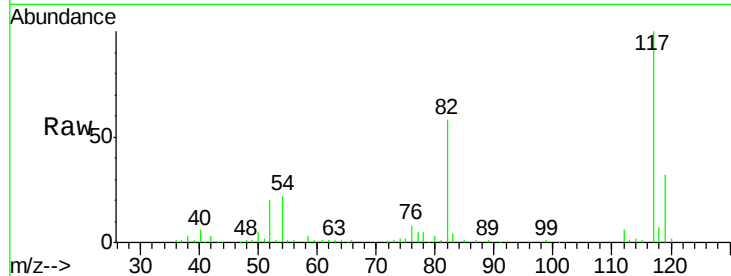
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.5	71.3
119	32.3	26.0	39.0

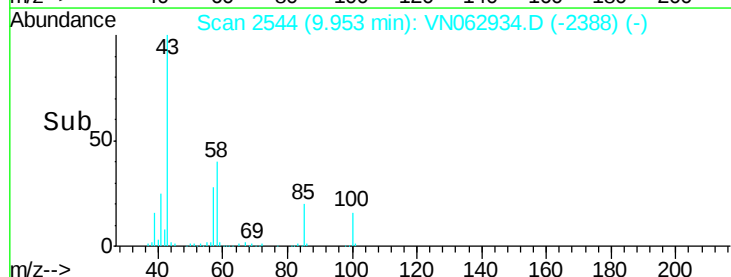
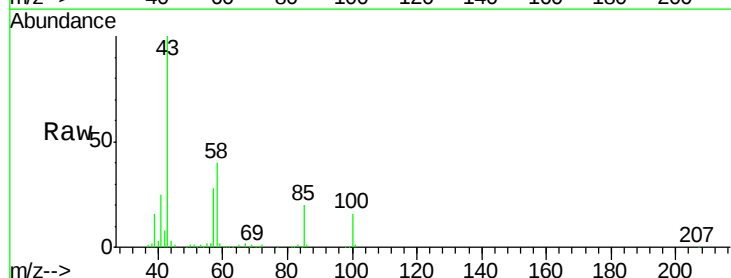
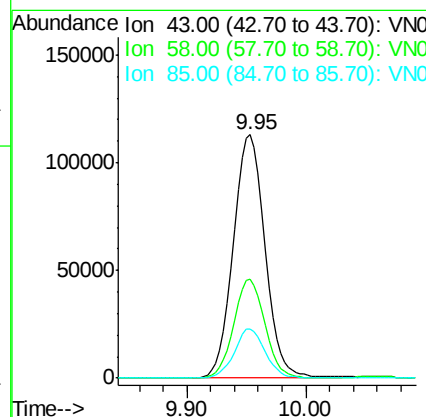
Manual Integrations
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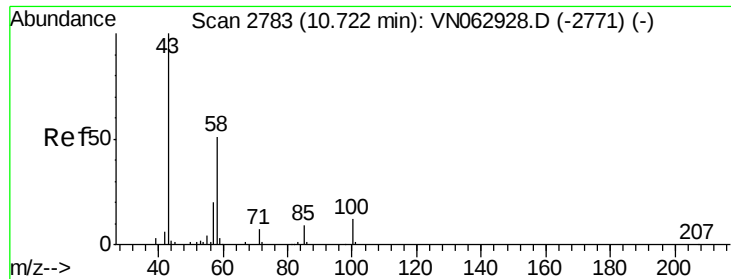
sam
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#58
4-Methyl-2-Pentanone
Concen: 91.736 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.3	46.9
85	19.6	15.2	22.8





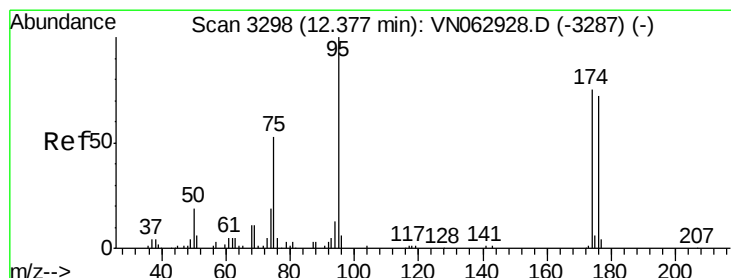
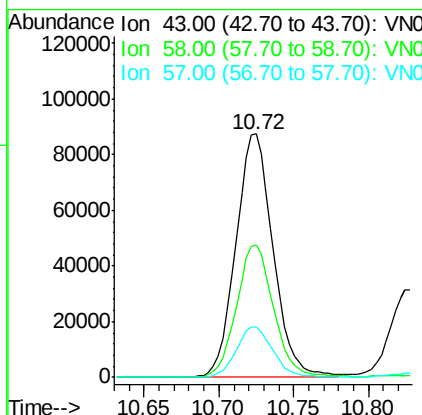
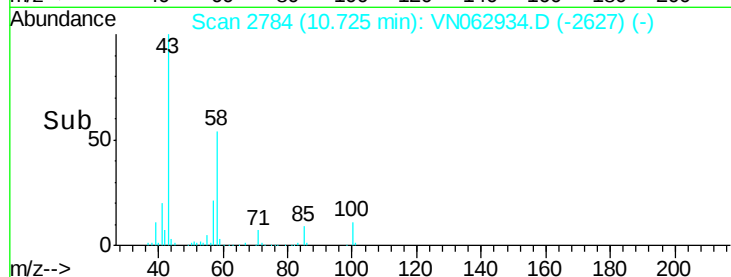
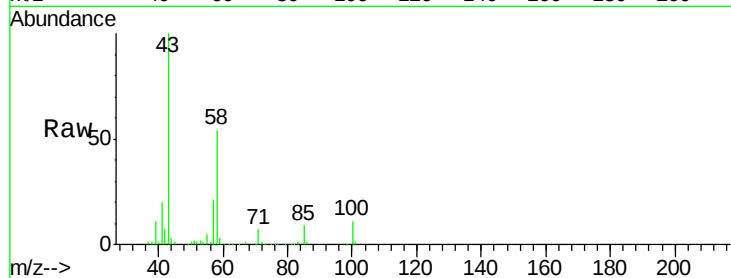
#59
2-Hexanone
Concen: 90.350 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:	43	Resp:	150824
Ion Ratio	Lower	Upper	
43	100		
58	54.4	41.8	62.6
57	20.4	16.2	24.2

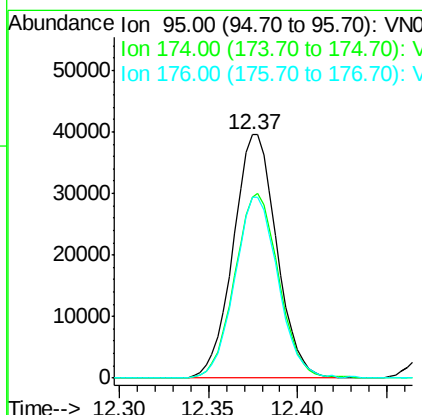
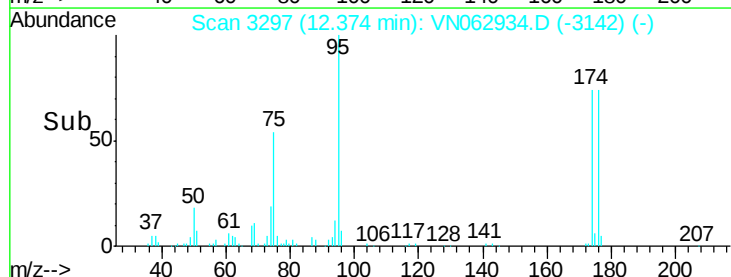
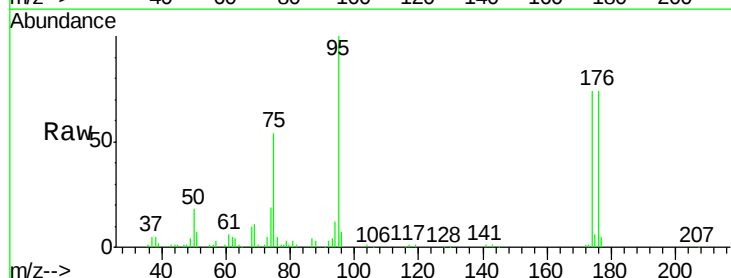
Manual Integrations
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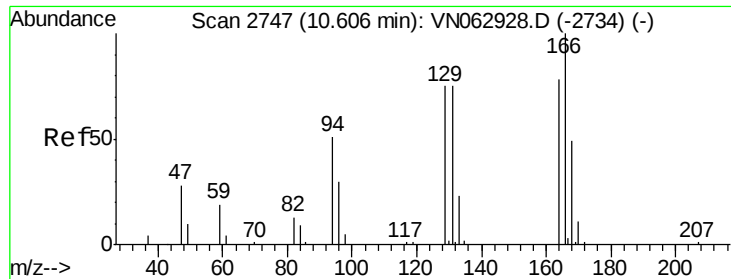
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#60
4-Bromofluorobenzene
Concen: 29.021 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion:	95	Resp:	67150
Ion Ratio	Lower	Upper	
95	100		
174	76.5	60.9	91.3
176	74.0	57.8	86.8





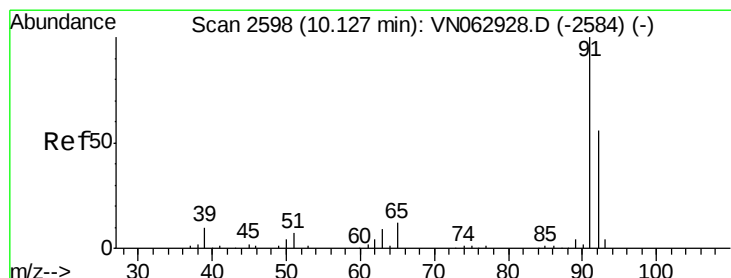
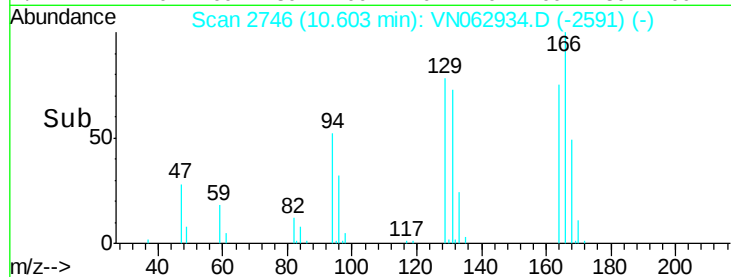
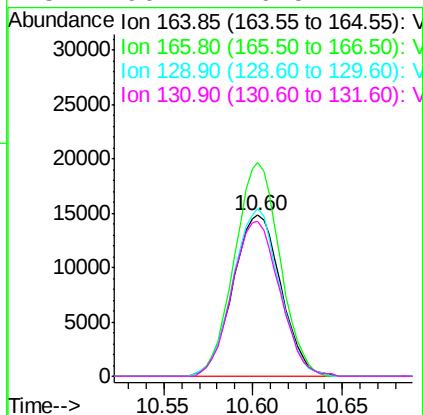
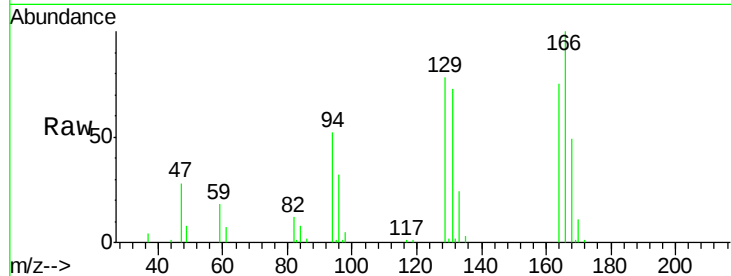
#61
Tetrachloroethene
Concen: 20.534 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	132.6	101.9	152.9
129	104.0	76.4	114.6
131	96.1	76.5	114.7

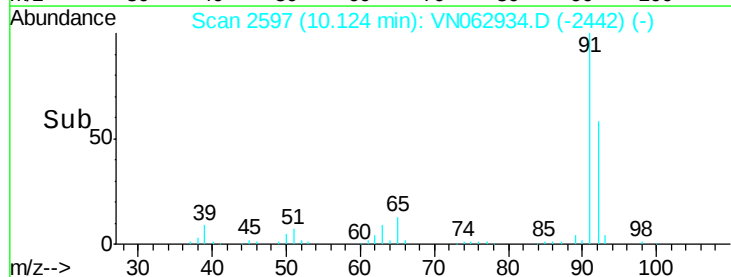
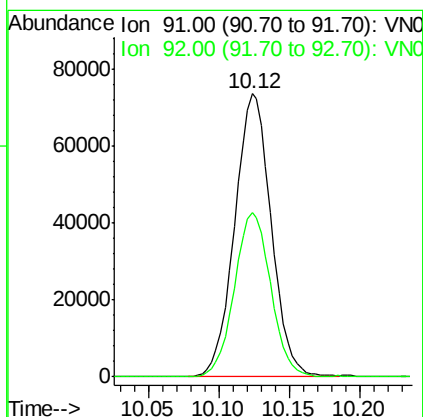
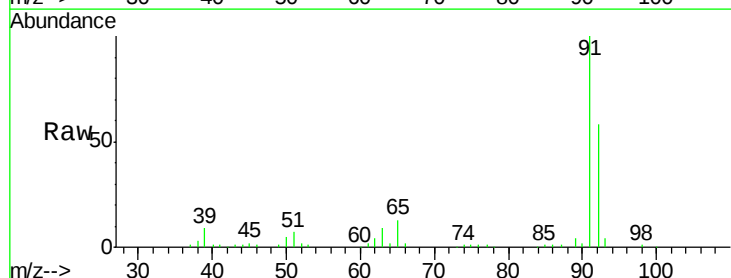
Manual Integrations
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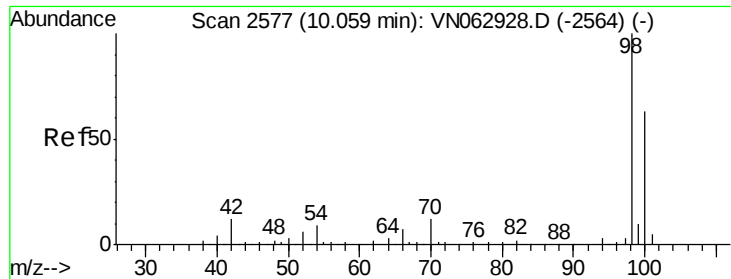
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#62
Toluene
Concen: 19.276 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.8	45.2	67.8





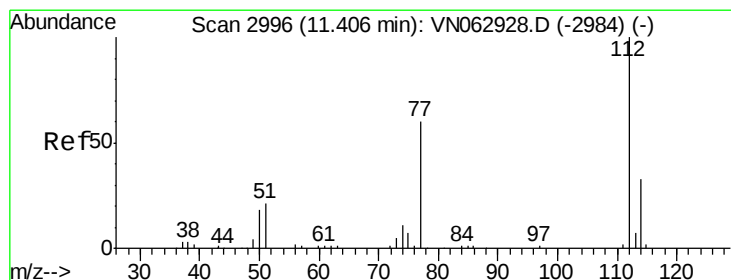
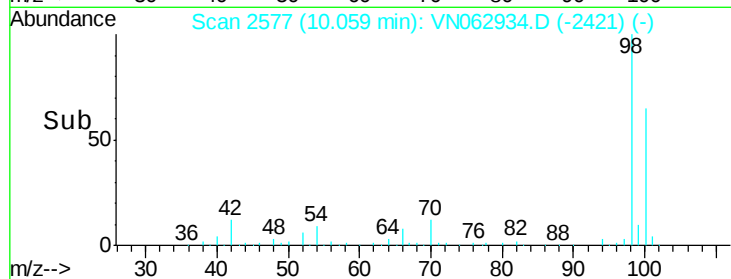
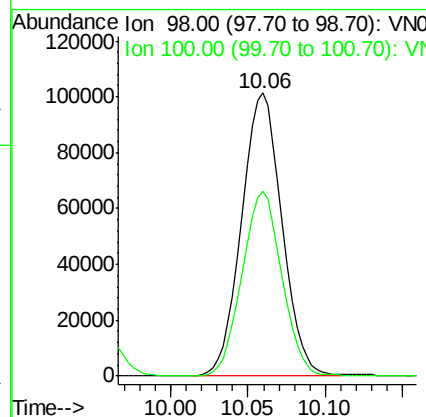
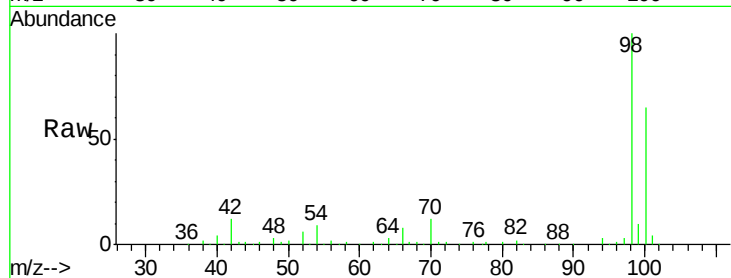
#63
Toluene-d8
Concen: 30.039 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 184552
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.6

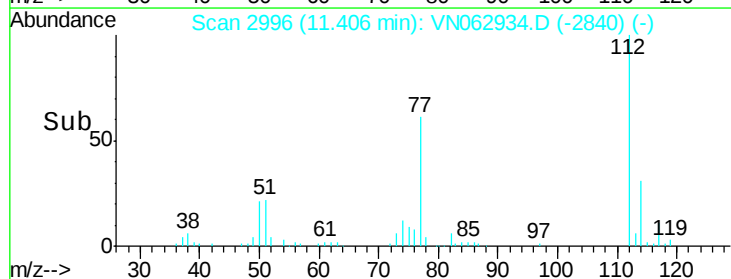
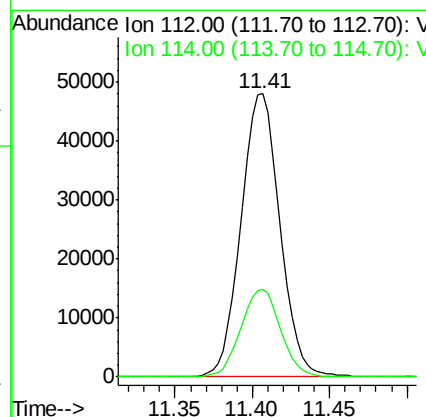
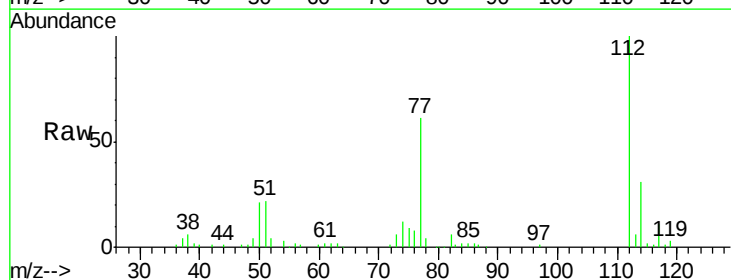
Manual Integrations
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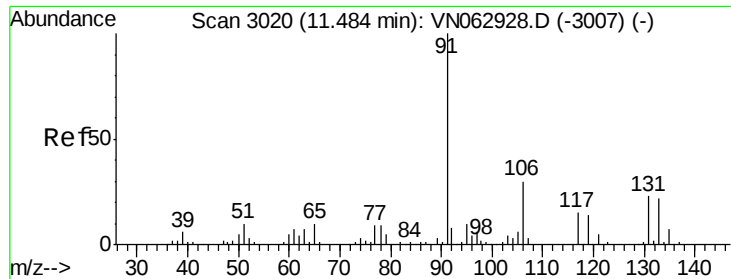
sam
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#64
Chlorobenzene
Concen: 19.324 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion: 112 Resp: 83978
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2





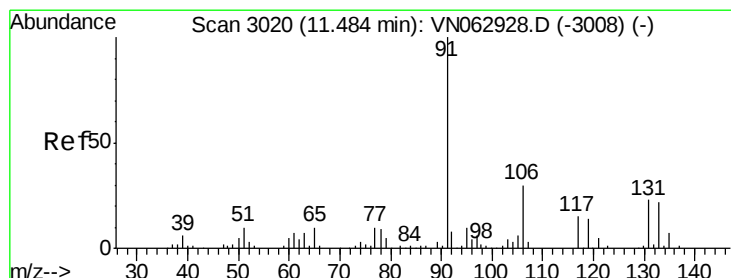
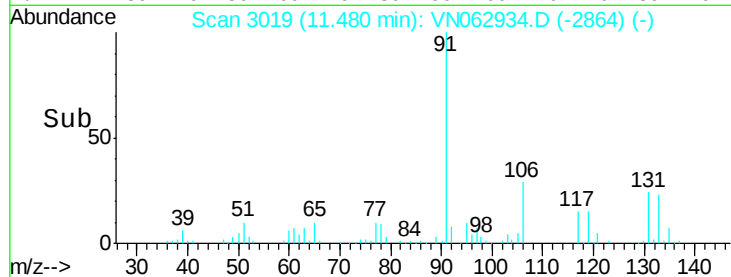
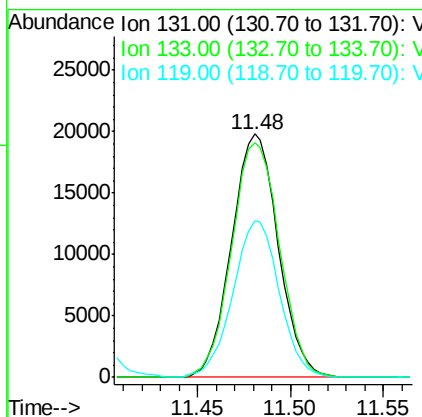
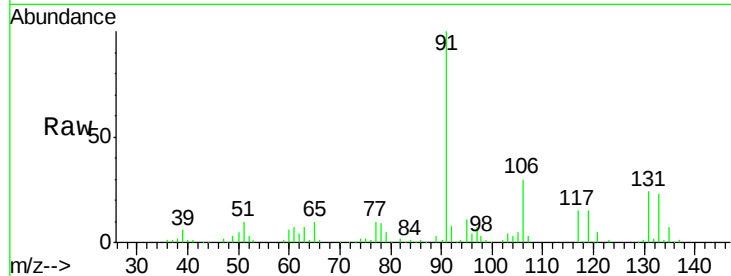
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.279 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	34645		
133	99.1	0.0	192.6	
119	63.8	0.0	125.4	

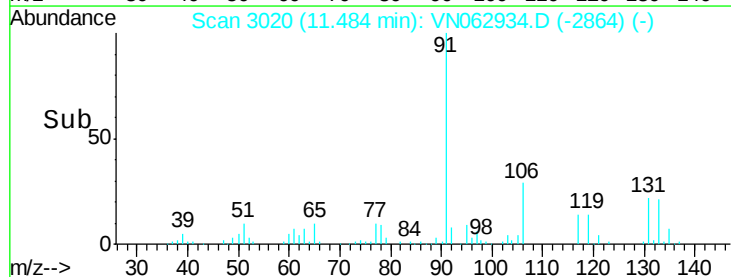
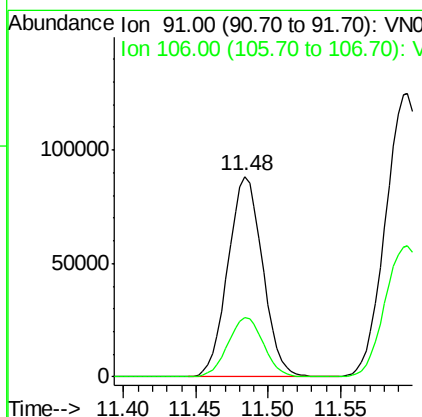
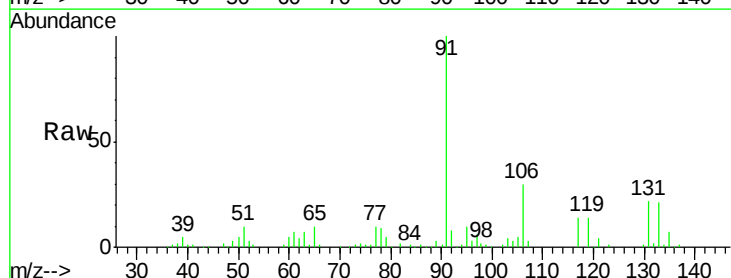
Manual Integrations
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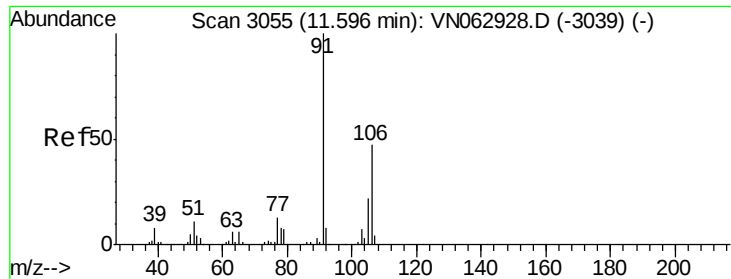
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#66
 Ethyl Benzene
 Concen: 19.100 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. 0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	147302		
106	29.6	24.0	36.0	





#67

m/p-Xylenes

Concen: 40.142 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 114599

Ion Ratio Lower Upper

106 100

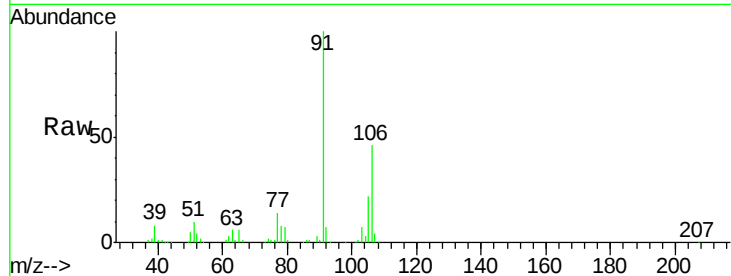
91 210.7 171.0 256.6

Manual Integrations

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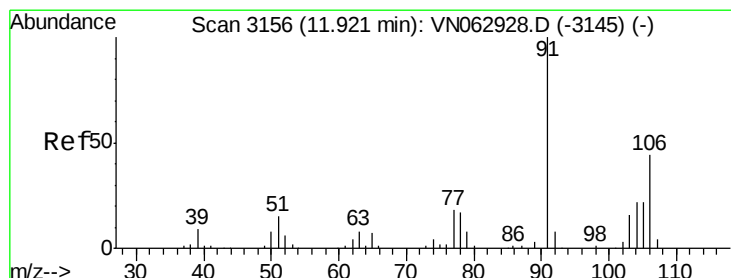
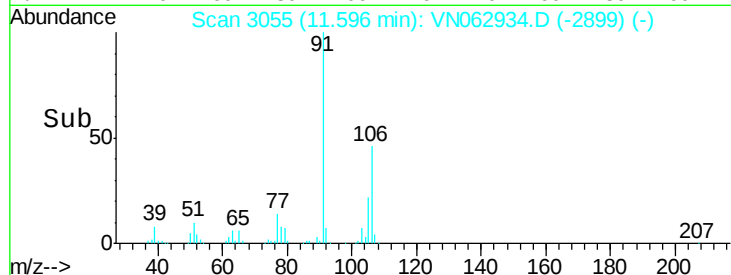
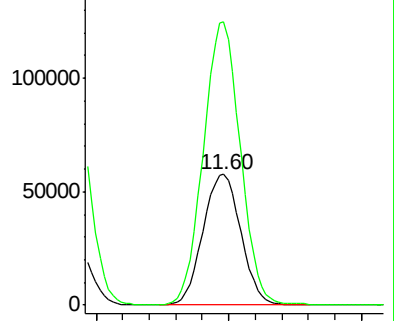
sam

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.040 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN062934.D

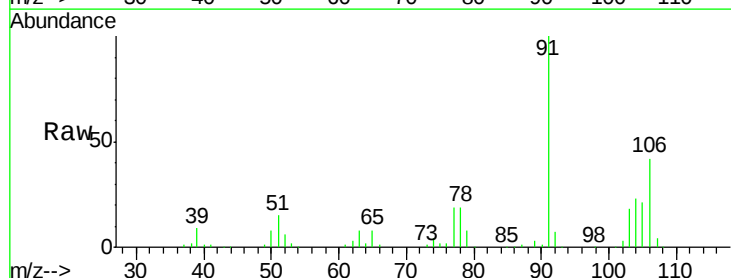
Acq: 14 Aug 2020 11:35

Tgt Ion:106 Resp: 52181

Ion Ratio Lower Upper

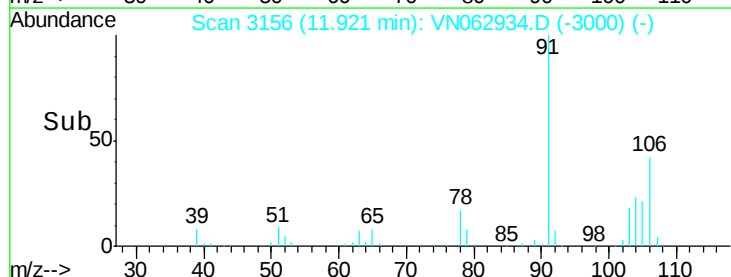
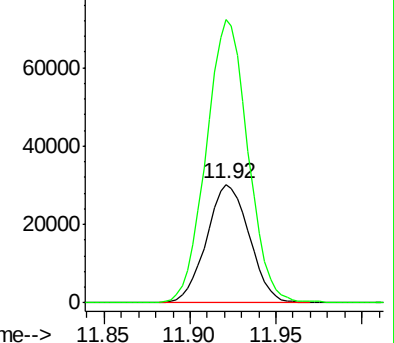
106 100

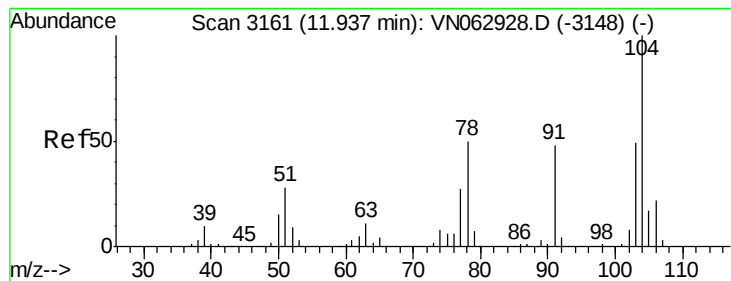
91 232.8 115.4 346.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#69

Stvrene

Concen: 19.191 ug/l

RT: 11.94 min Scan# 3161

Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

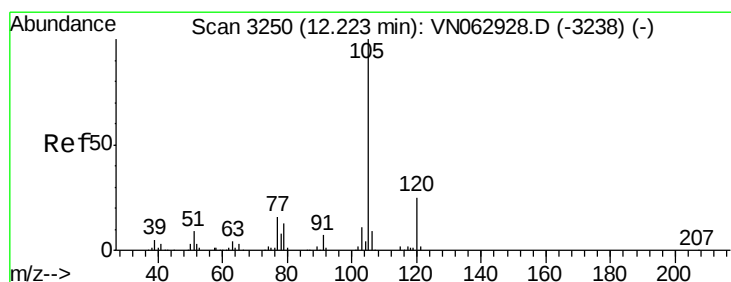
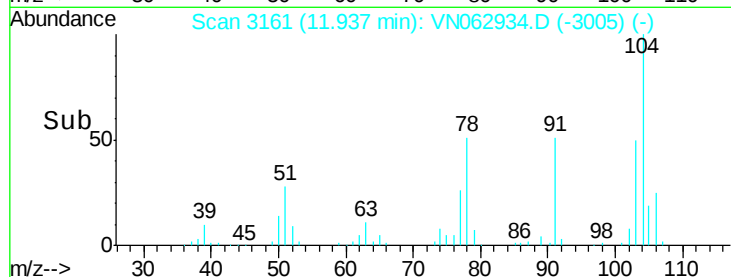
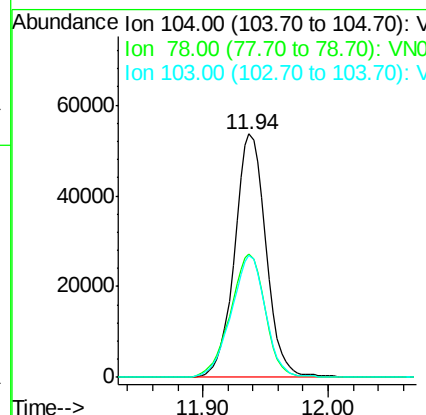
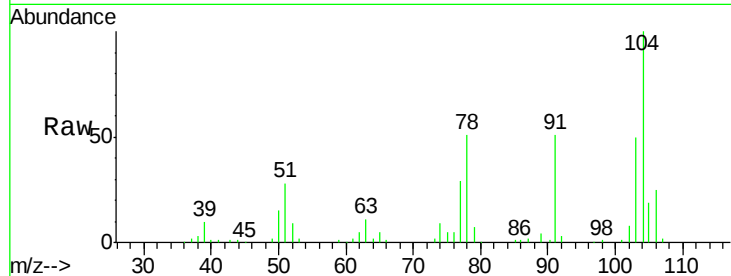
ClientSampleId :

VSTDCCC020

Tot Ion:	104	Resp:	93387
Ion Ratio	Lower	Upper	
104	100		
78	55.9	44.4	66.6
103	54.3	44.0	66.0

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#70

Isopropylbenzene

Concen: 19.377 ug/l

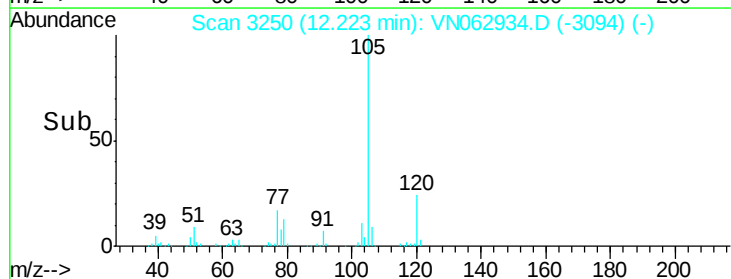
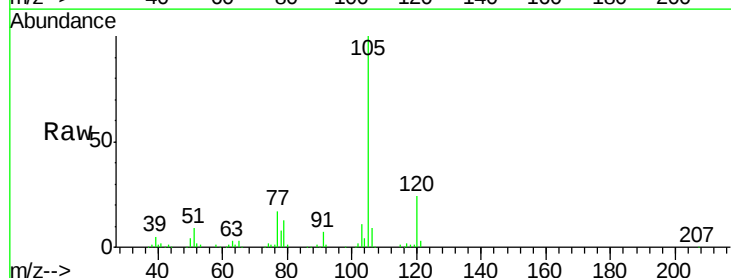
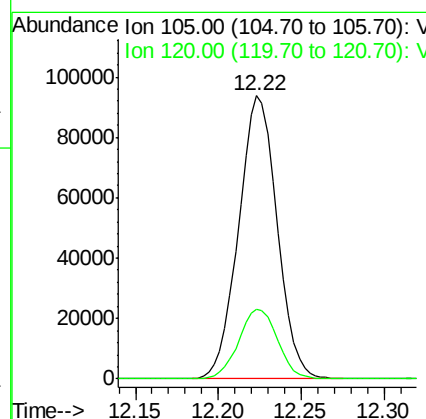
RT: 12.22 min Scan# 3250

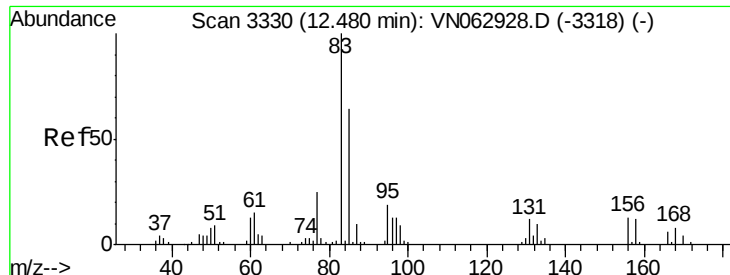
Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Tgt Ion:	105	Resp:	151123
Ion Ratio	Lower	Upper	
105	100		
120	24.9	18.0	33.4





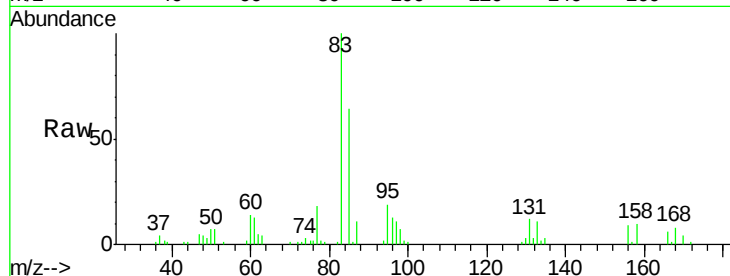
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.459 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

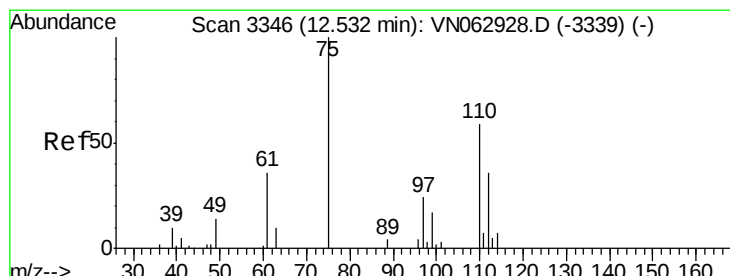
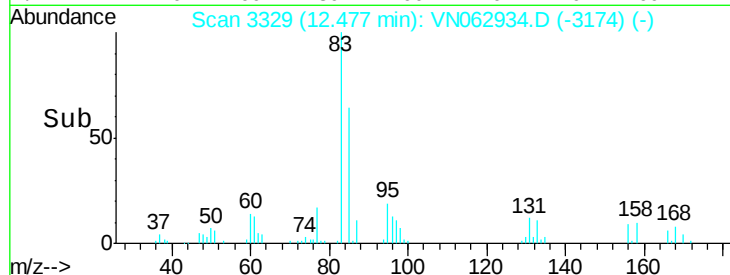
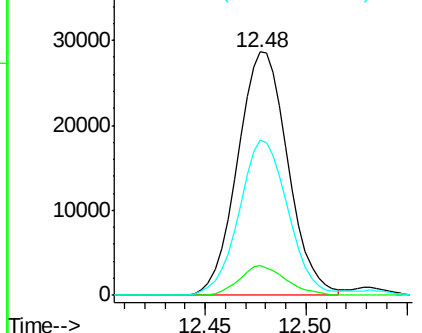
Tot Ion	83	Resp	49954
Ion Ratio	100	Lower	Upper
83	100		
131	11.3	5.5	16.4
85	62.1	31.7	95.1

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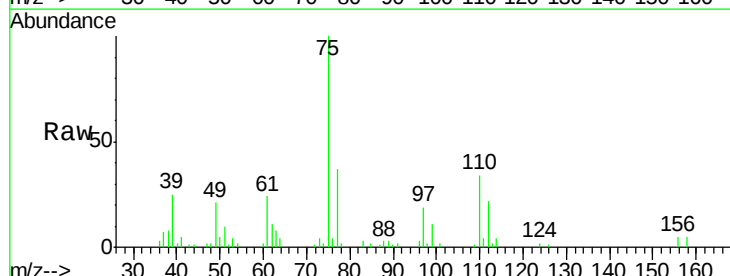


Abundance Ion 83.00 (82.70 to 83.70): VN062928.D (-3318) (-)
 Ion 131.00 (130.70 to 131.70): VN062928.D (-3318) (-)
 Ion 85.00 (84.70 to 85.70): VN062928.D (-3318) (-)

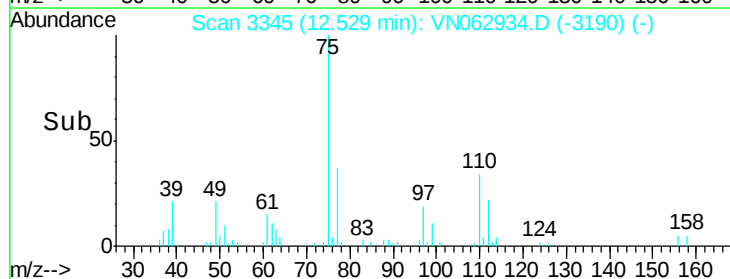
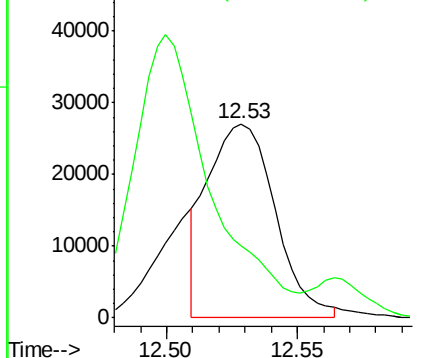


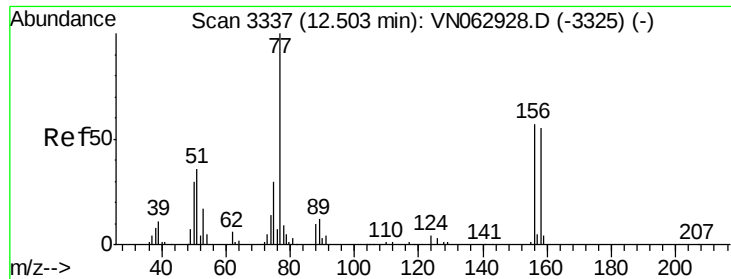
#72
 1,2,3-Trichloropropane
 Concen: 19.107 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion	75	Resp	48575
Ion Ratio	100	Lower	Upper
75	100		
77	168.5	0.0	313.0



Abundance Ion 75.00 (74.70 to 75.70): VN062928.D (-3339) (-)
 Ion 77.00 (76.70 to 77.70): VN062928.D (-3339) (-)





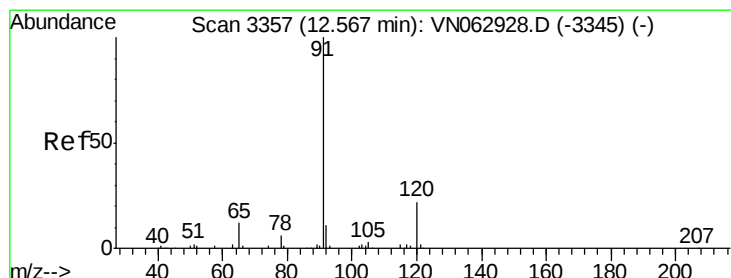
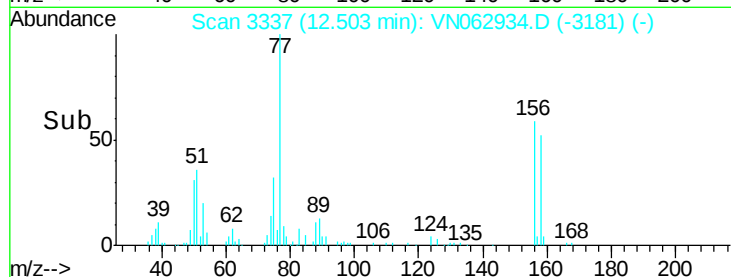
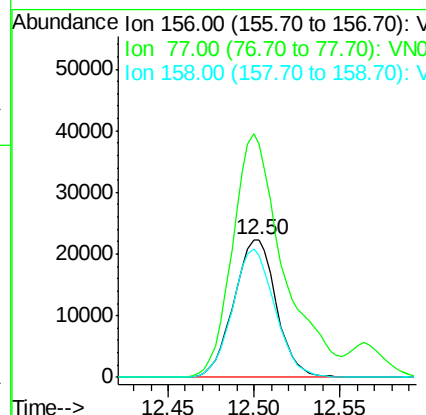
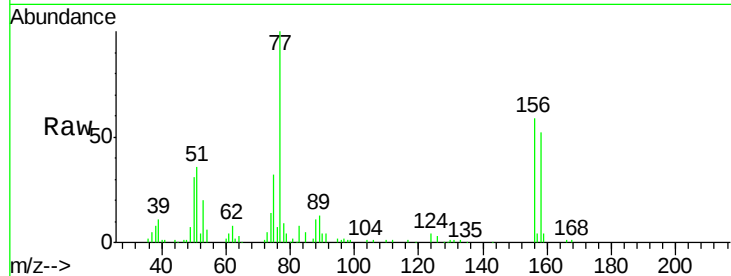
#73
Bromobenzene
Concen: 20.075 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	213.2	0.0	448.4
158	93.3	0.0	195.0

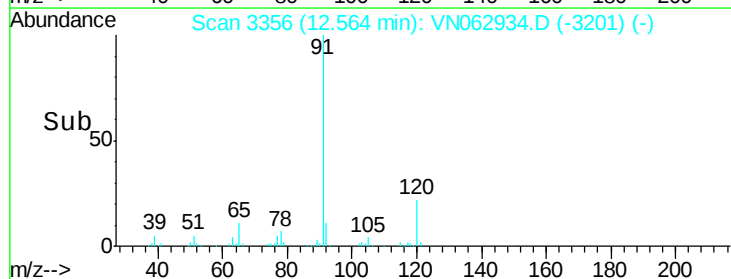
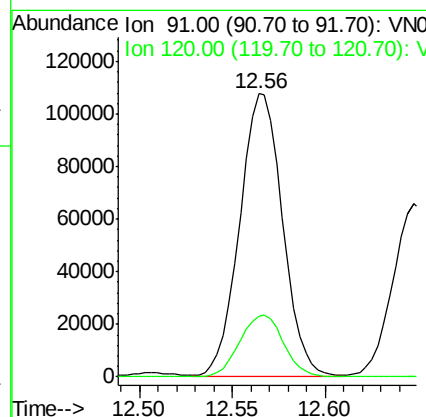
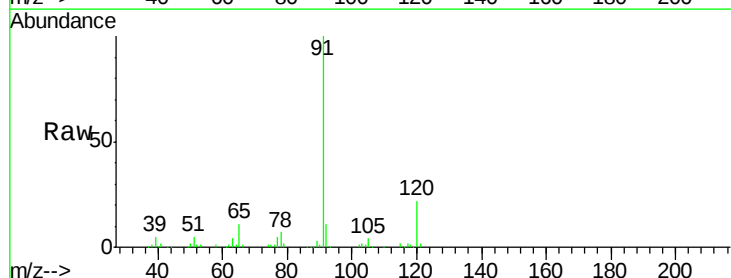
Manual Integrations
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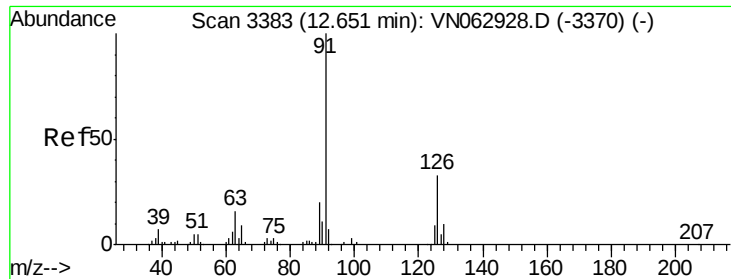
sam
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#74
n-propylbenzene
Concen: 19.269 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	0.0	43.4





#75

2-Chlorotoluene

Concen: 19.326 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020

Tot Ion: 91 Resp: 109192

Ion Ratio Lower Upper

91 100

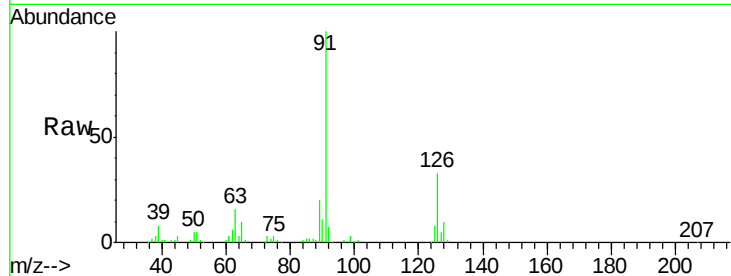
126 32.6 0.0 63.0

Manual Integrations

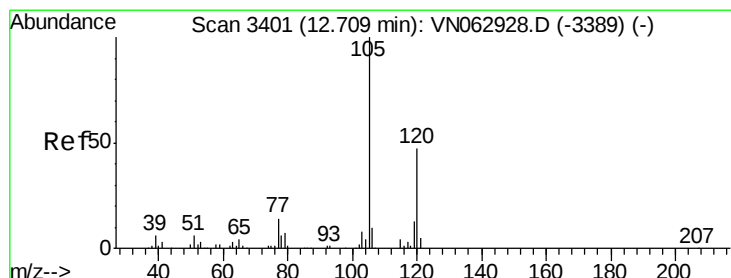
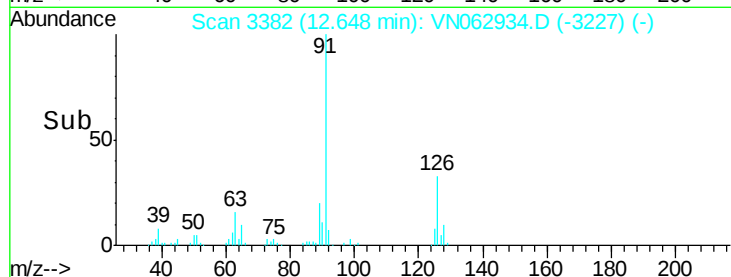
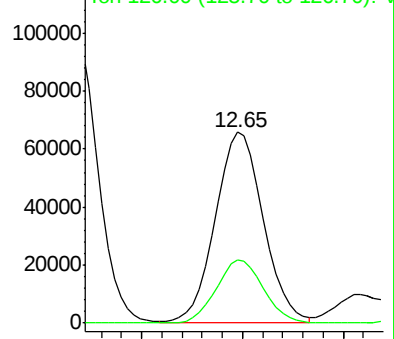
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Abundance Ion 91.00 (90.70 to 91.70): VN062928.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.454 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062934.D

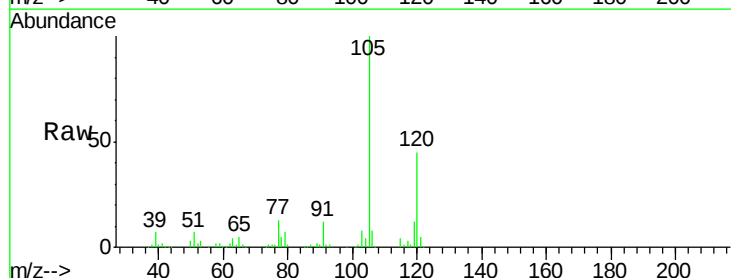
Acq: 14 Aug 2020 11:35

Tgt Ion: 105 Resp: 134902

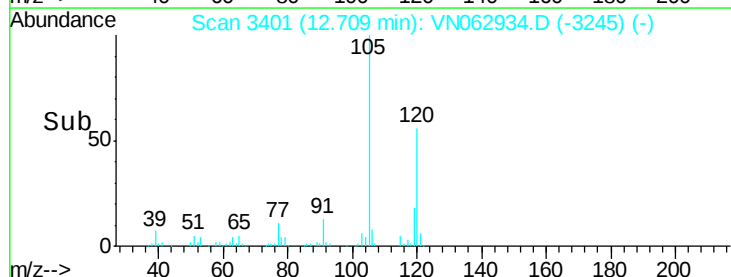
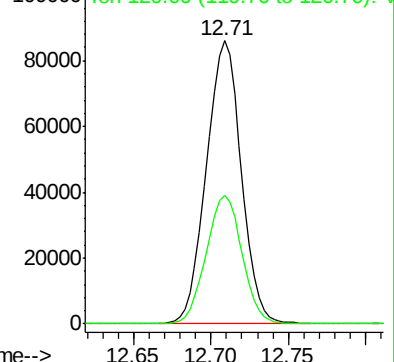
Ion Ratio Lower Upper

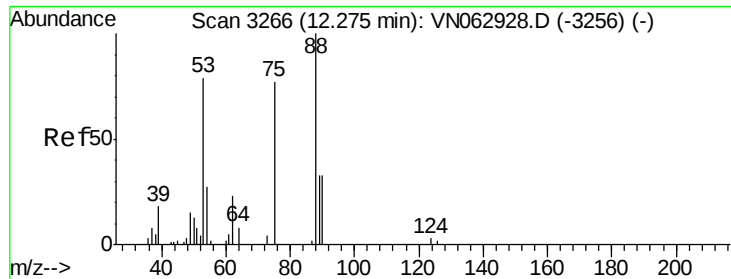
105 100

120 46.5 0.0 92.4



Abundance Ion 105.00 (104.70 to 105.70): VN062928.D (-3389) (-)





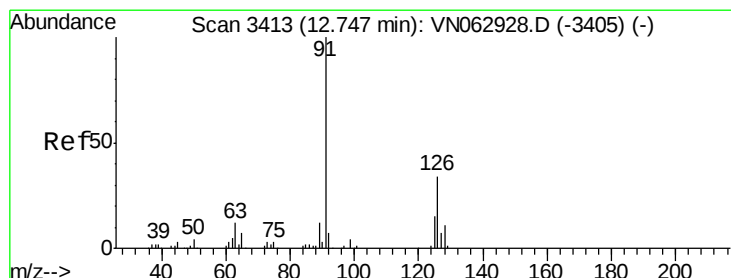
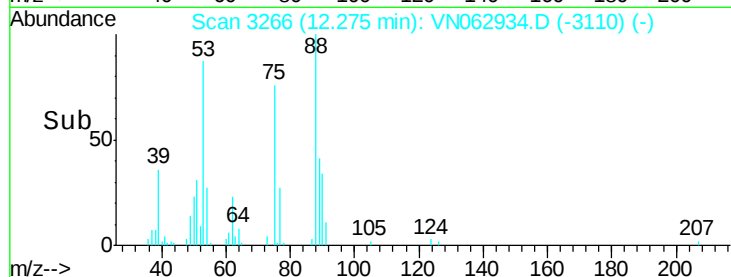
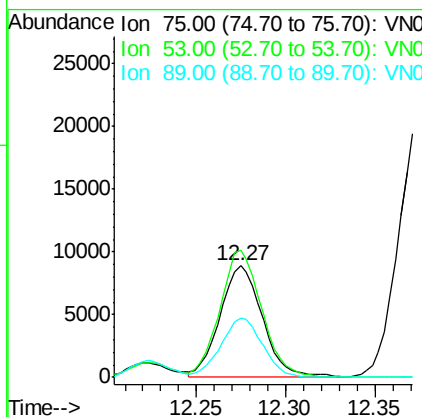
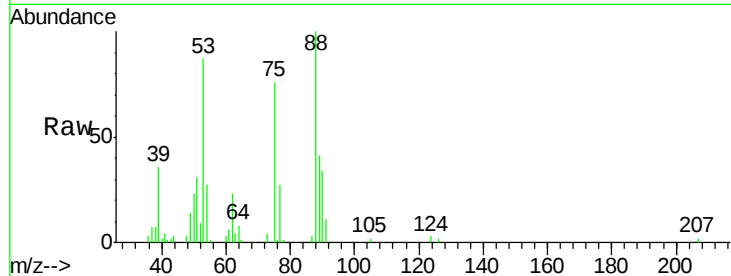
#77
t-1,4-Dichloro-2-butene
Concen: 18.087 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.8	52.3	157.1
89	53.5	23.4	70.3

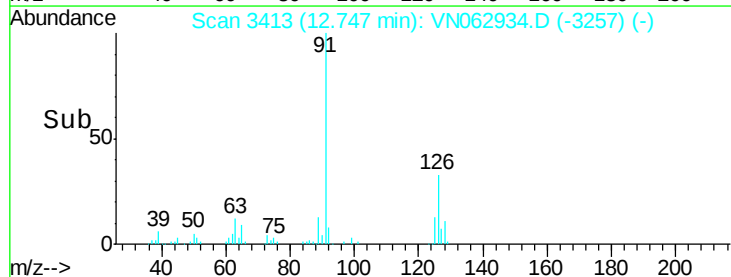
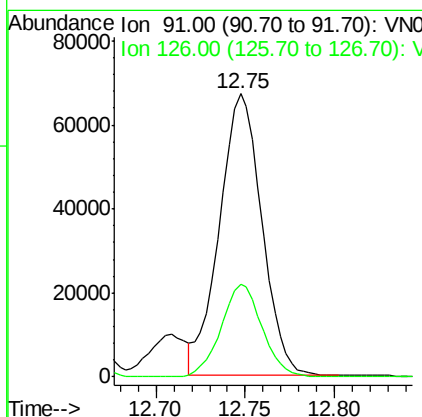
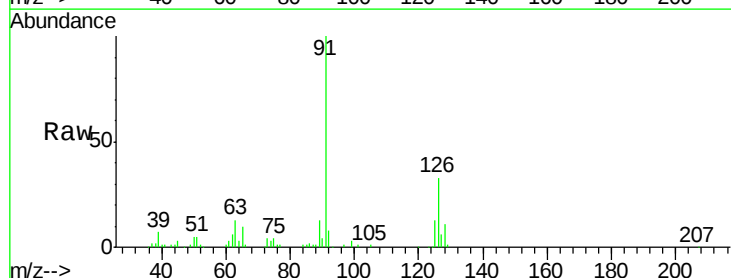
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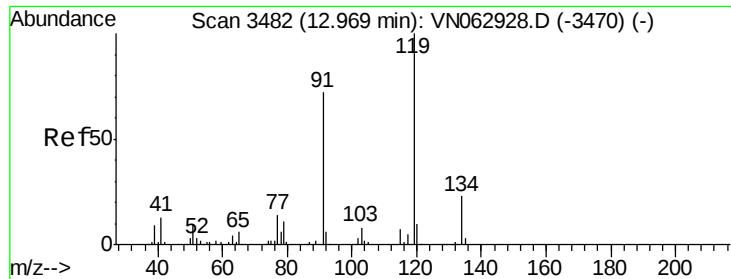
sam
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#78
4-Chlorotoluene
Concen: 19.231 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	0.0	63.0





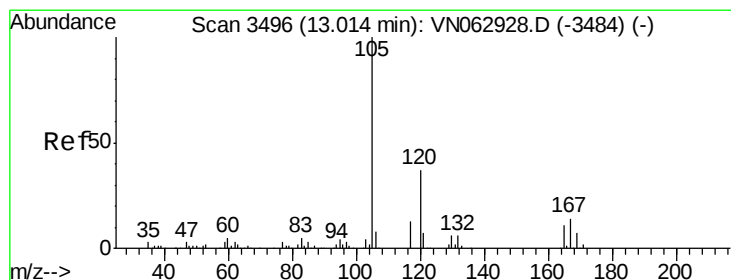
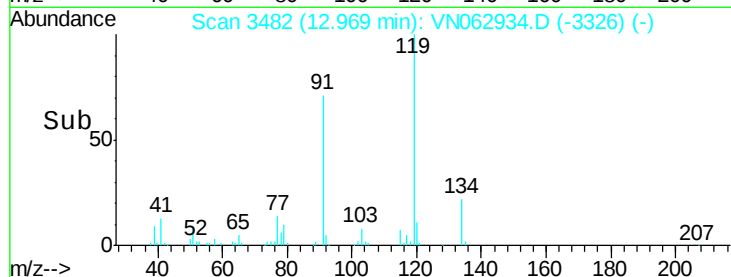
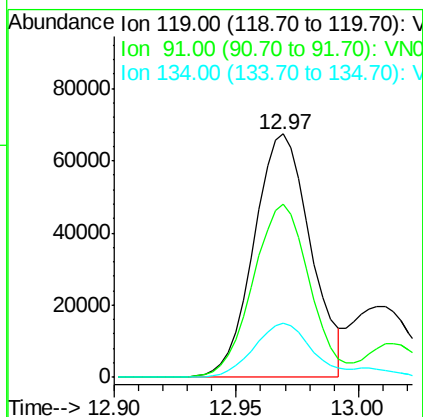
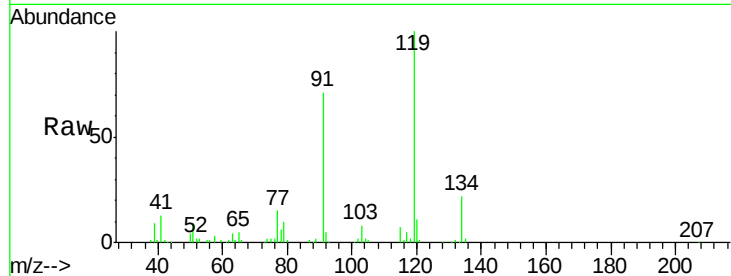
#79
tert-butylbenzene
Concen: 18.990 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	108770		
91	71.7	0.0	145.0	
134	22.6	0.0	44.6	

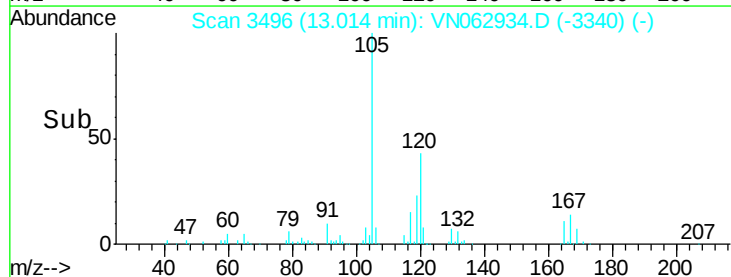
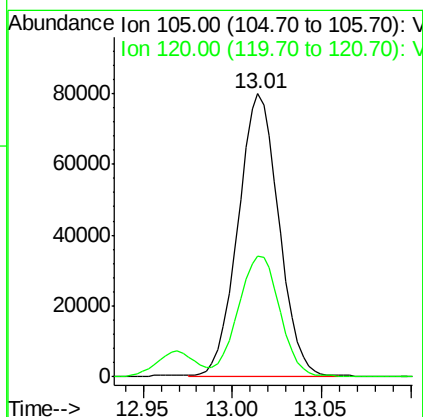
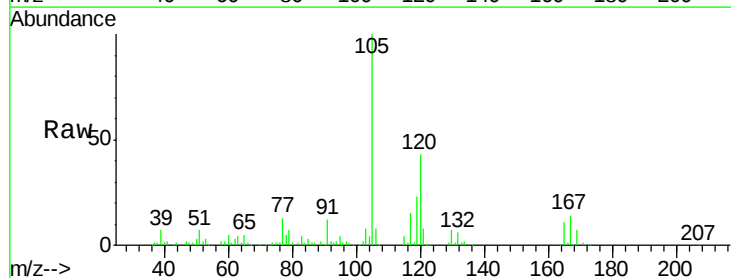
Manual Integrations
APPROVED

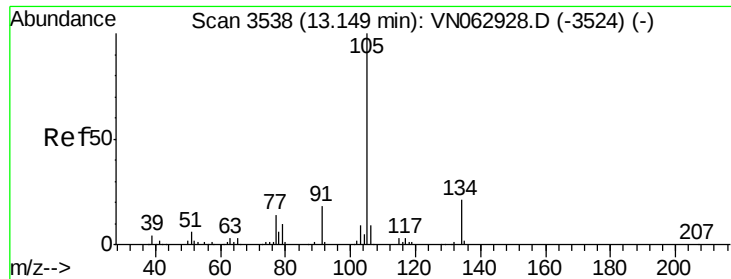
sam
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#80
1,2,4-Trimethylbenzene
Concen: 18.878 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	127934		
120	44.0	0.0	86.6	





#81

sec-Butylbenzene

Concen: 18.910 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 142995

Ion Ratio Lower Upper

105 100

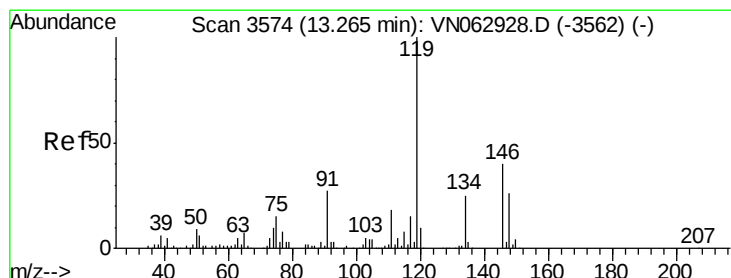
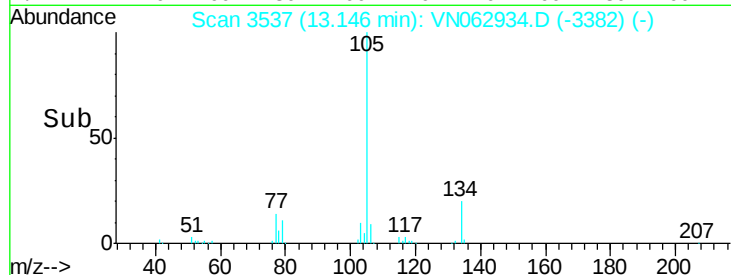
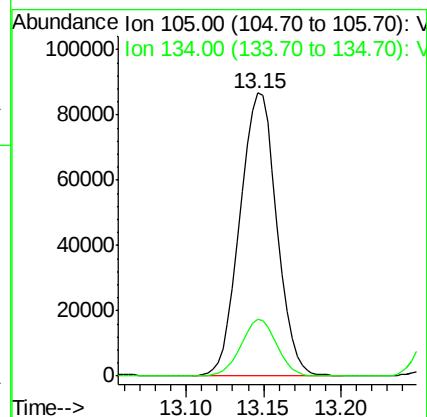
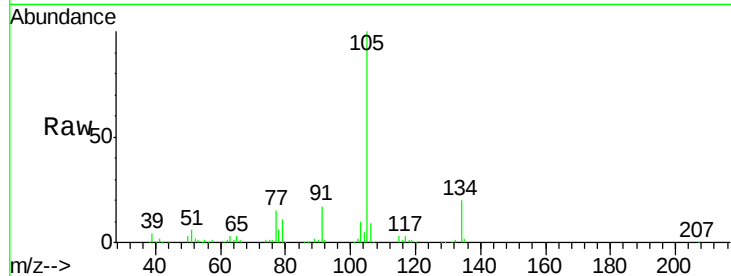
134 19.5 0.0 39.4

Manual Integrations

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#82

p-Isopropyltoluene

Concen: 19.130 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

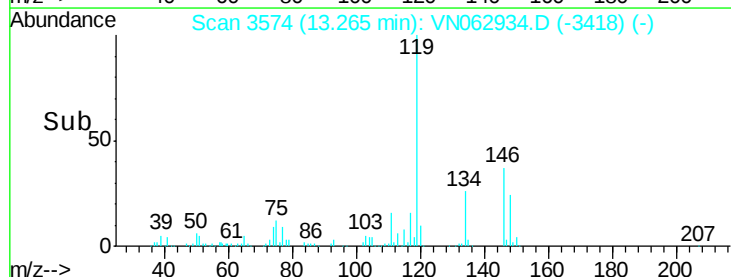
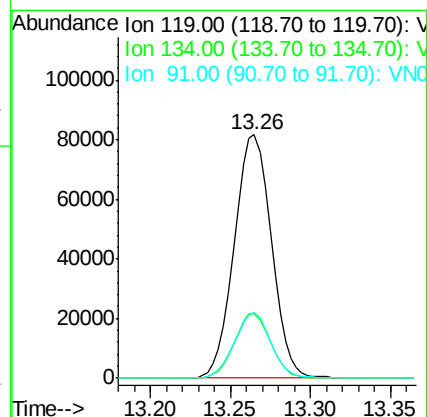
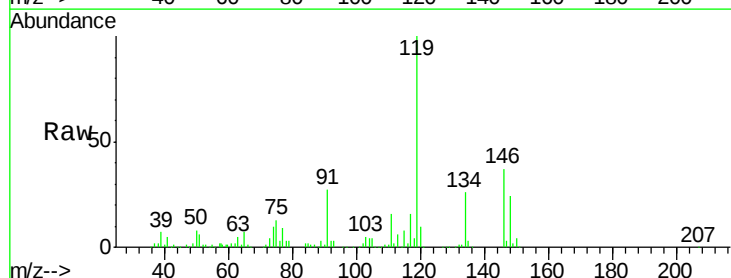
Tgt Ion:119 Resp: 129339

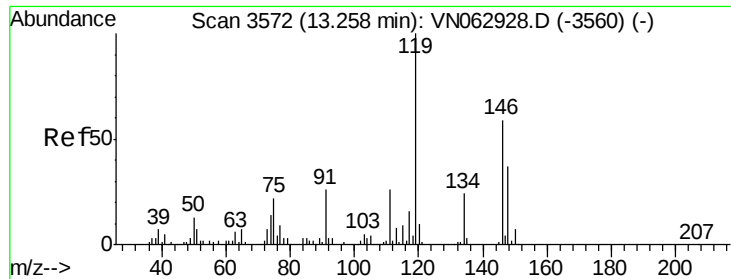
Ion Ratio Lower Upper

119 100

134 25.8 0.0 49.6

91 26.4 0.0 53.6





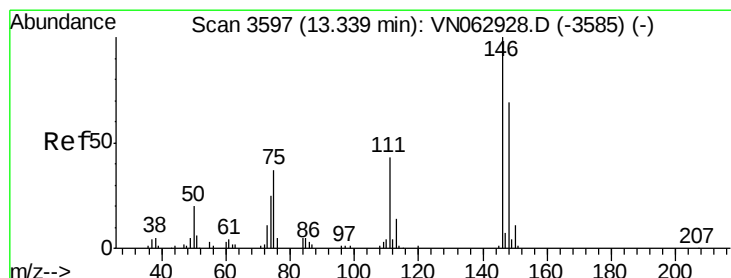
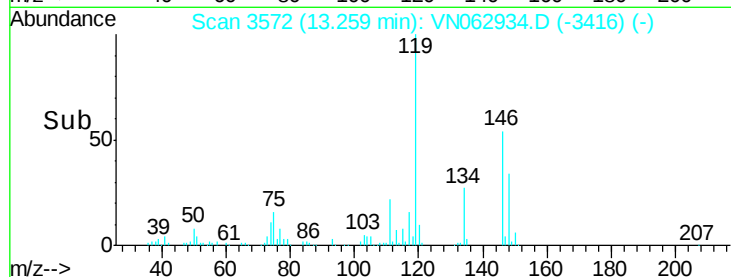
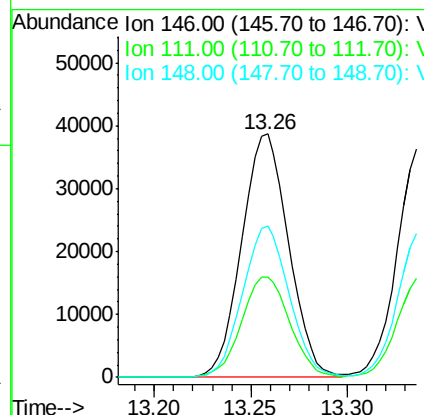
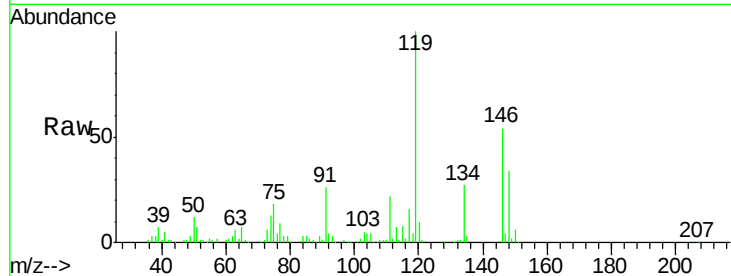
#83
 1,3-Dichlorobenzene
 Concen: 19.488 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	22.4	67.2
148	62.0	31.6	94.7

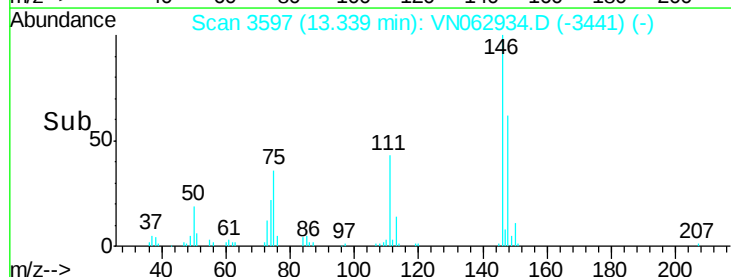
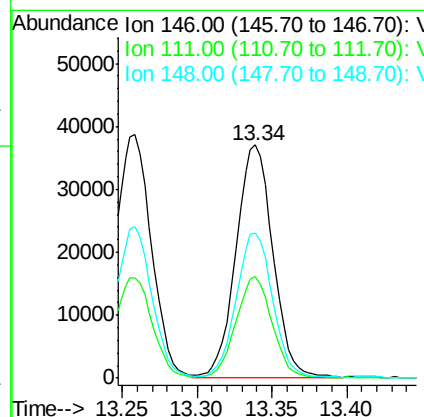
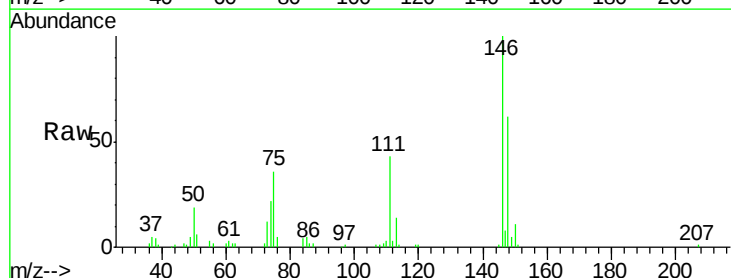
Manual Integrations
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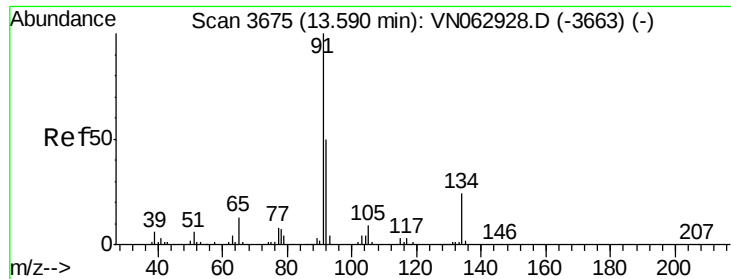
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#84
 1,4-Dichlorobenzene
 Concen: 19.480 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.6	64.8
148	61.5	33.3	99.9





#85

n-Butylbenzene

Concen: 16.593 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Instrument :

MSVOA_N

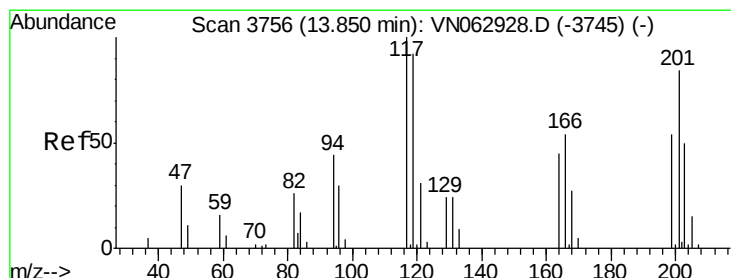
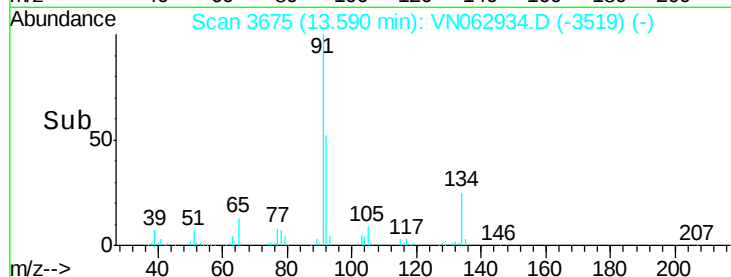
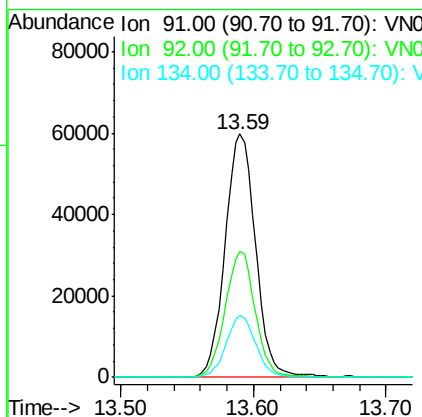
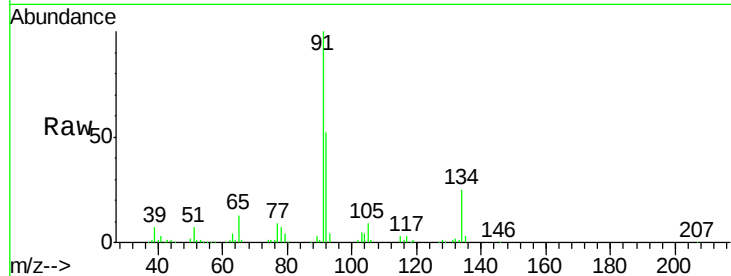
ClientSampled :

VSTDCCC020

Tot Ion:	91	Resp:	95634
Ion Ratio	Lower	Upper	
91	100		
92	50.8	0.0	97.2
134	24.7	0.0	48.4

Manual Integrations
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#86

Hexachloroethane

Concen: 18.547 ug/l

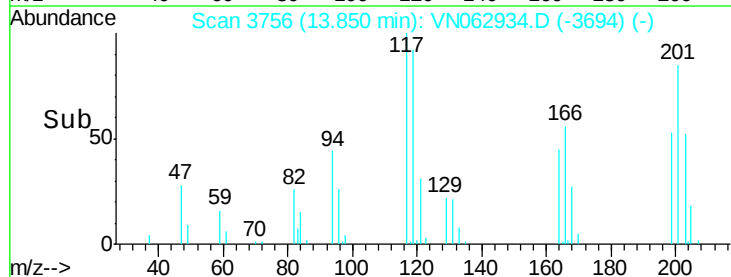
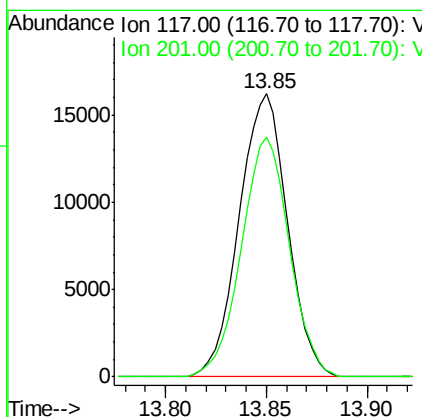
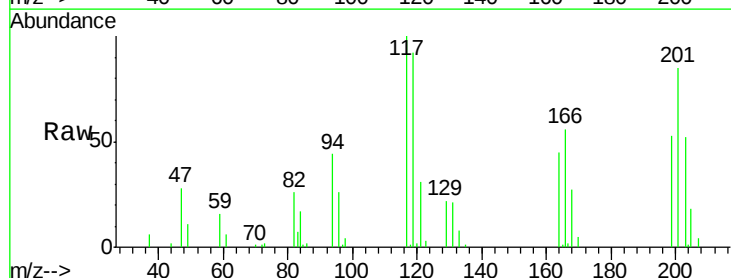
RT: 13.85 min Scan# 3756

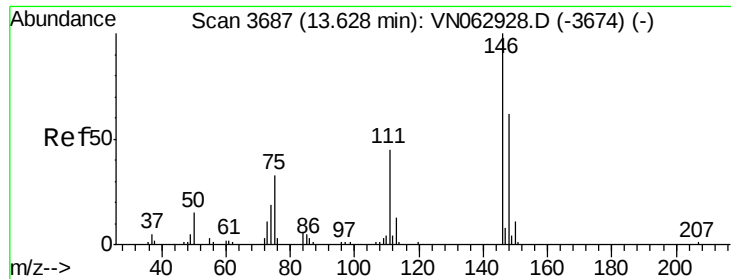
Delta R.T. 0.00 min

Lab File: VN062934.D

Acq: 14 Aug 2020 11:35

Tgt Ion:	117	Resp:	27166
Ion Ratio	Lower	Upper	
117	100		
201	84.1	40.9	122.7





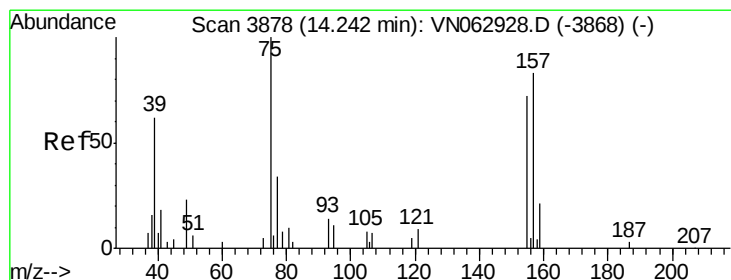
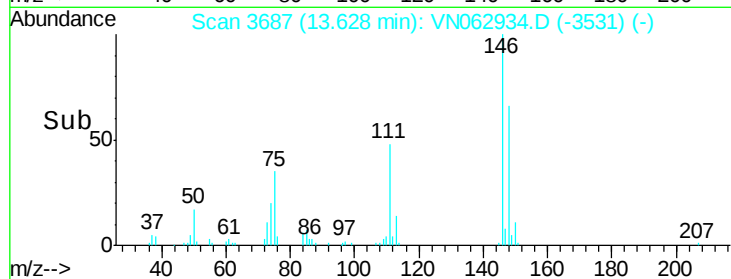
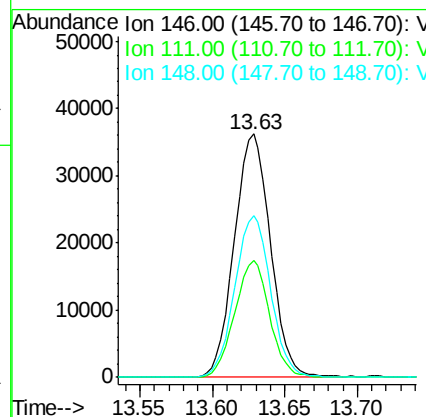
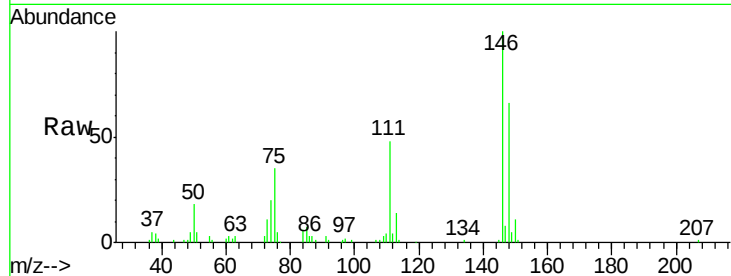
#87
 1,2-Dichlorobenzene
 Concen: 18.174 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.1	23.3	69.8
148	65.6	31.3	93.8

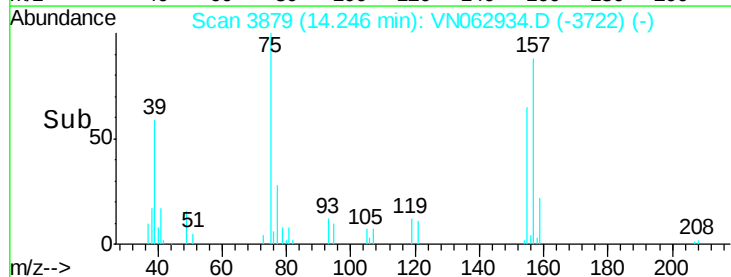
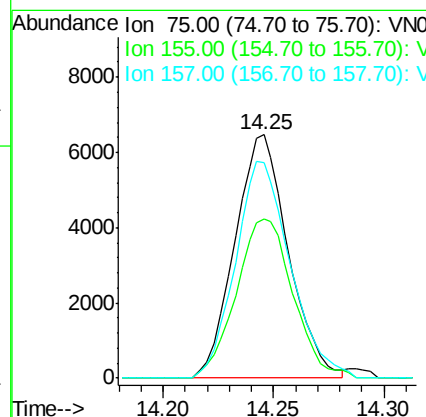
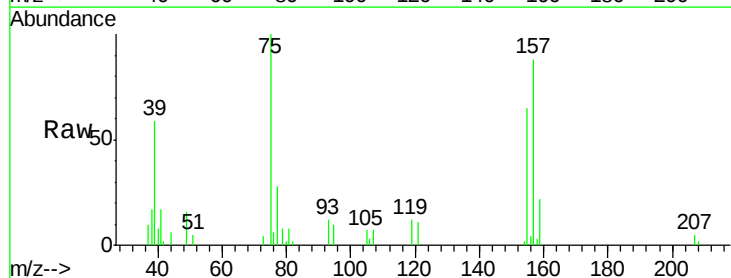
Manual Integrations
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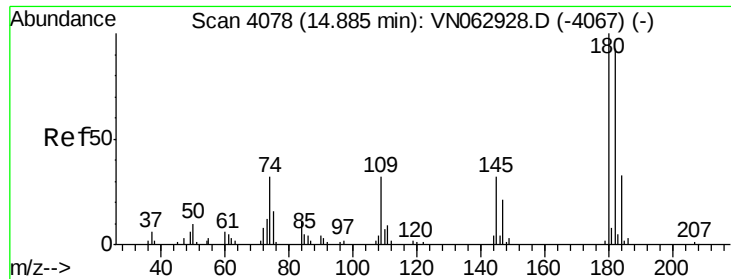
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.942 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.1	59.8	89.8
157	91.2	71.6	107.4





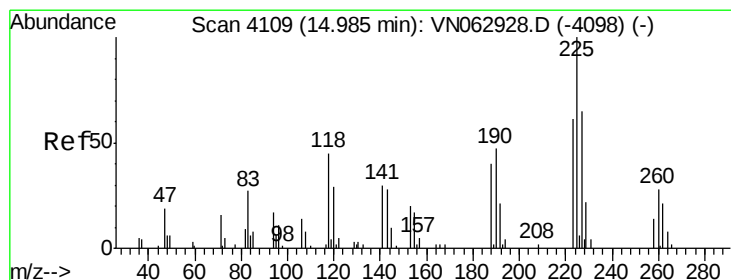
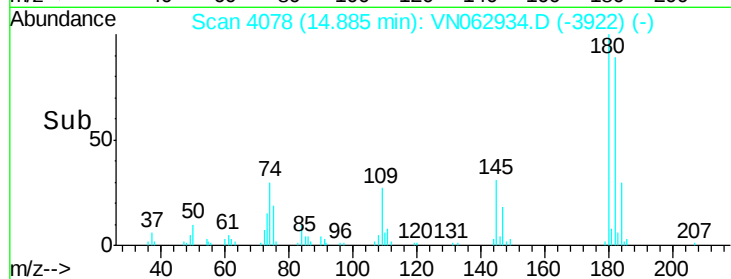
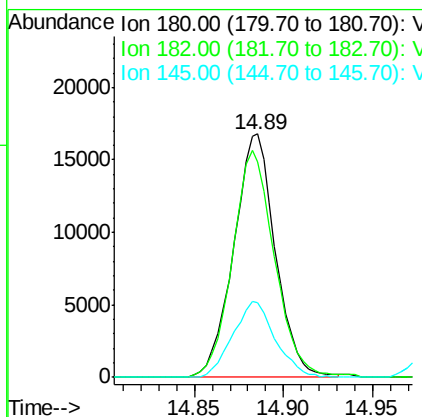
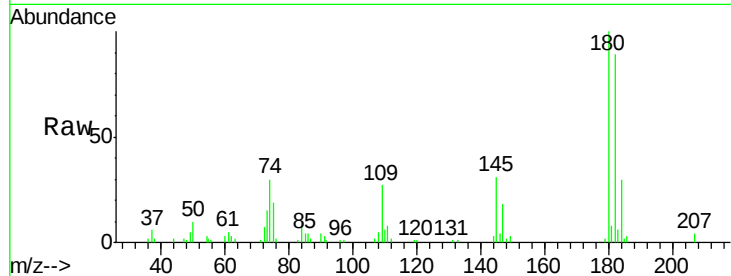
#89
 1,2,4-Trichlorobenzene
 Concen: 17.190 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.3	112.9
145	31.7	25.4	38.2

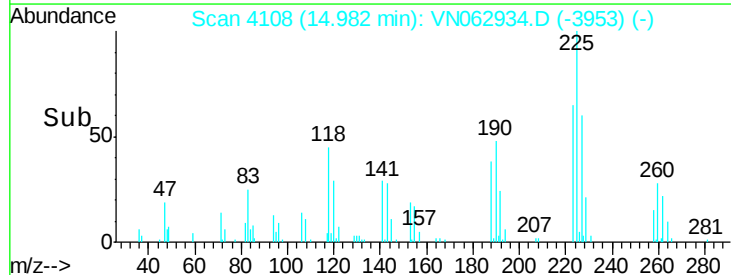
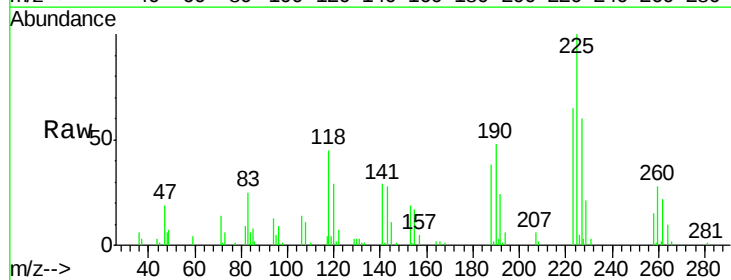
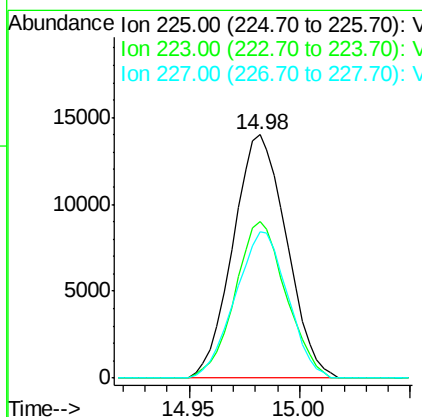
Manual Integrations
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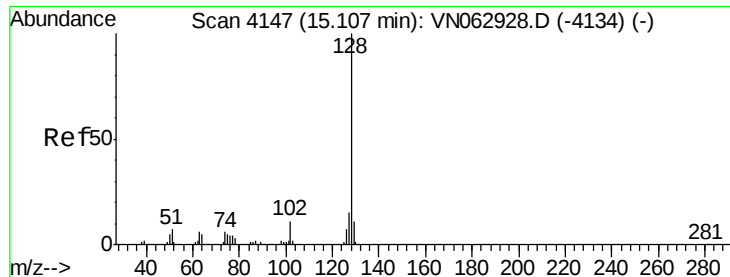
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#90
 Hexachlorobutadiene
 Concen: 22.120 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062934.D
 Acq: 14 Aug 2020 11:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	0.0	129.8
227	58.8	0.0	133.6





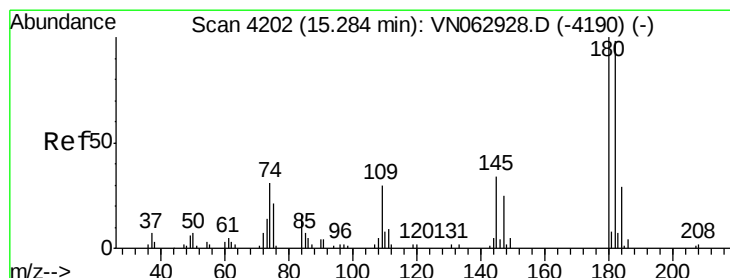
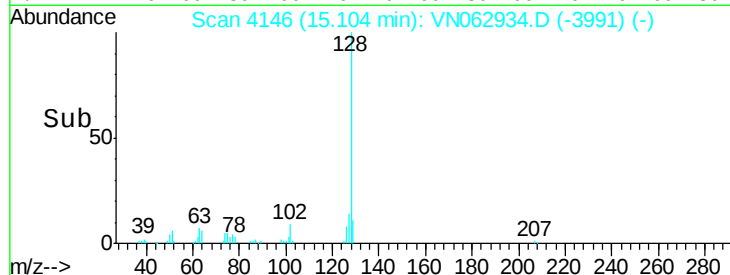
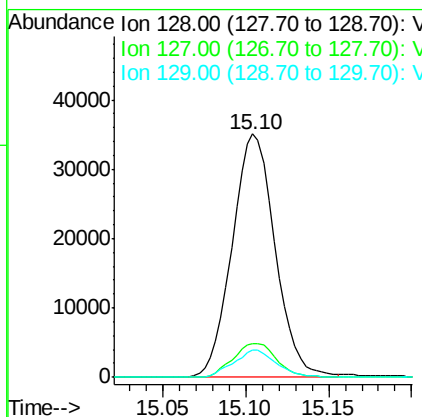
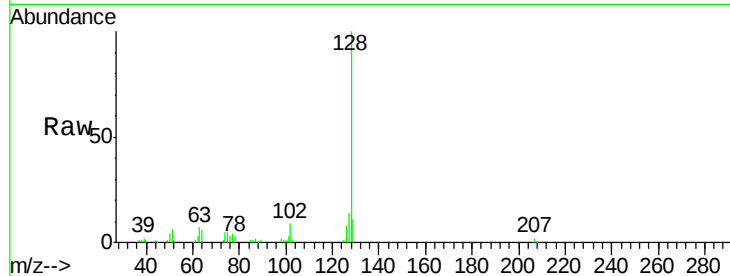
#91
Naphthalene
Concen: 14.678 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:	128	Resp:	63299
Ion Ratio	Lower	Upper	
128	100		
127	14.1	11.6	17.4
129	11.1	8.4	12.6

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.428 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062934.D
Acq: 14 Aug 2020 11:35

Tgt Ion:	180	Resp:	27801
Ion Ratio	Lower	Upper	
180	100		
182	92.5	0.0	196.4
145	33.4	0.0	71.4

