

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063072.D
 Acq On : 21 Aug 2020 11:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

sam
 8/24/2020 5:52:05 PM

Quant Time: Aug 22 00:58:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	30746	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	160468	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	152760	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	65417	30.03	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.10%
60) 4-Bromofluorobenzene	12.38	95	72402	29.99	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.97%
63) Toluene-d8	10.06	98	210643	30.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	48784	22.192	ug/l 97
3) Chloromethane	2.04	50	52258	21.483	ug/l 97
4) Vinyl Chloride	2.16	62	52692	21.518	ug/l 100
5) Bromomethane	2.53	94	31417	20.813	ug/l 98
6) Chloroethane	2.67	64	30798	21.280	ug/l 96
7) Trichlorofluoromethane	2.98	101	62570	21.189	ug/l 98
8) Diethyl Ether	3.37	74	19839	20.200	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32286	20.220	ug/l 99
10) 1,1-Dichloroethene	3.69	96	28527	19.883	ug/l 97
11) Methyl Iodide	3.91	142	38341	19.477	ug/l 98
12) Methyl Acetate	4.28	43	40438	21.144	ug/l 98
13) Acrolein	3.57	56	14527	74.114	ug/l 98
14) Acrylonitrile	4.93	53	85972	102.664	ug/l 98
15) Acetone	3.78	58	27278	112.551	ug/l 96
16) Carbon Disulfide	4.01	76	74937	19.455	ug/l 99
17) Allyl chloride	4.27	41	52236	19.841	ug/l 96
18) Methylene Chloride	4.50	84	38526	19.192	ug/l 95
19) trans-1,2-Dichloroethene	4.99	96	31320	19.852	ug/l 97
20) Diisopropyl ether	5.90	45	129336	20.975	ug/l 95
21) 1,1-Dichloroethane	5.80	63	68751	20.316	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	39171	20.035	ug/l 99
23) tert-Butyl Alcohol	4.73	59	24916	90.820	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	107573	20.437	ug/l 100
25) Chloroform	7.33	83	68754	20.401	ug/l 97
26) Cyclohexane	7.61	56	56967	19.555	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	45554	19.548	ug/l 99
30) 2-Butanone	6.79	43	111045	102.235	ug/l 100
31) 2,2-Dichloropropane	6.77	77	56813	20.057	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	56575	20.157	ug/l 99
33) Carbon Tetrachloride	7.73	117	46857	19.605	ug/l 98
34) Benzene	8.00	78	148650	19.905	ug/l 97
35) Methacrylonitrile	7.13	41	20054m	19.426	ug/l
36) 1,2-Dichloroethane	8.08	62	50980	20.009	ug/l 98
37) Trichloroethene	8.80	130	36669	20.050	ug/l 100
38) Methylcyclohexane	9.04	83	55822	19.098	ug/l 99
39) 1,2-Dichloropropane	9.08	63	43550	20.037	ug/l 98
40) Dibromomethane	9.17	93	24534	19.442	ug/l 96

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	55235	19.752	ug/l	97
42) Vinyl Acetate	5.84	43	397079	96.503	ug/l	100
43) Ethyl Acetate	6.88	43	39774	19.185	ug/l	100
44) Isopropyl Acetate	8.12	43	68870	19.788	ug/l	100
45) 1,4-Dioxane	9.17	88	12480	382.864	ug/l	99
46) Methyl methacrylate	9.17	41	33683	19.657	ug/l	96
47) n-amyl Acetate	12.05	43	57535	18.626	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	57644	19.518	ug/l	94
49) cis-1,3-Dichloropropene	9.81	75	63004	19.598	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	39998	20.557	ug/l	97
51) Ethyl methacrylate	10.40	69	50637	19.129	ug/l	97
52) 1,3-Dichloropropane	10.68	76	64957	20.207	ug/l	100
53) Dibromochloromethane	10.87	129	41918	19.633	ug/l	99
54) 1,2-Dibromoethane	10.98	107	36996	19.821	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	39032	71.783	ug/l	99
56) Bromoform	12.10	173	30239	19.341	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	221190	100.654	ug/l	100
59) 2-Hexanone	10.72	43	158331	101.002	ug/l	99
61) Tetrachloroethene	10.60	164	33855	20.216	ug/l	97
62) Toluene	10.12	91	162082	20.020	ug/l	100
64) Chlorobenzene	11.40	112	100460	20.054	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	39125	19.705	ug/l	99
66) Ethyl Benzene	11.48	91	172076	19.498	ug/l	99
67) m/p-Xylenes	11.59	106	132191	39.983	ug/l	99
68) o-Xylene	11.92	106	62651	19.727	ug/l	100
69) Styrene	11.94	104	109956	19.820	ug/l	99
70) Isopropylbenzene	12.22	105	172539	19.971	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	54789	19.776	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	49379m	20.086	ug/l	
73) Bromobenzene	12.50	156	45670	19.602	ug/l	99
74) n-propylbenzene	12.57	91	201787	19.471	ug/l	100
75) 2-Chlorotoluene	12.65	91	120879	19.570	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	144875	19.650	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	16500	18.990	ug/l	98
78) 4-Chlorotoluene	12.75	91	125334	19.681	ug/l	99
79) tert-butylbenzene	12.97	119	120959	19.498	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	138027	19.232	ug/l	98
81) sec-Butylbenzene	13.15	105	166628	19.499	ug/l	100
82) p-Isopropyltoluene	13.26	119	144367	19.056	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	79135	19.454	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	77009	19.370	ug/l	100
85) n-Butylbenzene	13.59	91	110271	17.515	ug/l	98
86) Hexachloroethane	13.85	117	29138	19.528	ug/l	96
87) 1,2-Dichlorobenzene	13.63	146	76062	19.523	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.25	75	8657	19.700	ug/l	99
89) 1,2,4-Trichlorobenzene	14.88	180	34068	17.719	ug/l	99
90) Hexachlorobutadiene	14.98	225	26349	18.516	ug/l	98
91) Naphthalene	15.10	128	72931	17.167	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	34637	18.045	ug/l	98

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VSTDCCC020

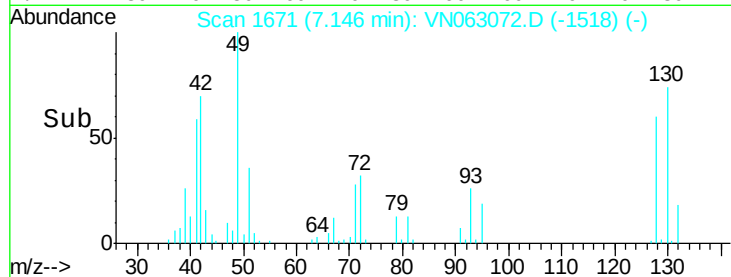
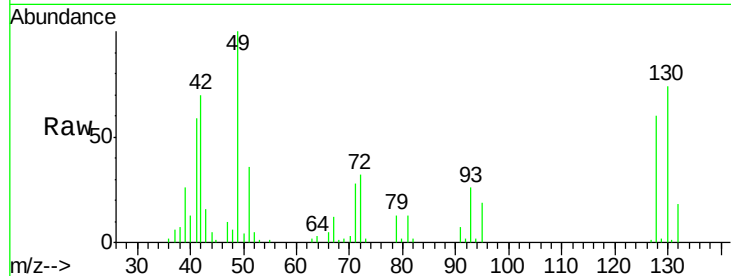
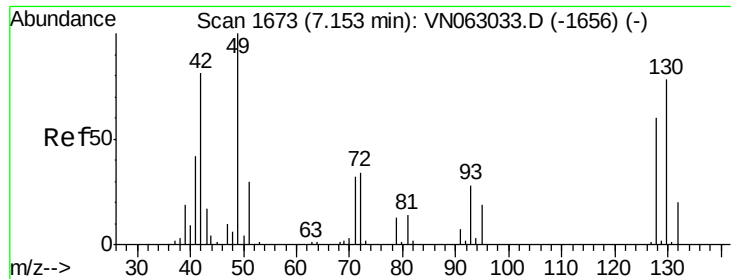
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Tot Ion:	128	Resp:	30746
Ion	Ratio	Lower	Upper
128	100		
49	171.9	0.0	437.5
130	127.9	0.0	327.3

Instrument :

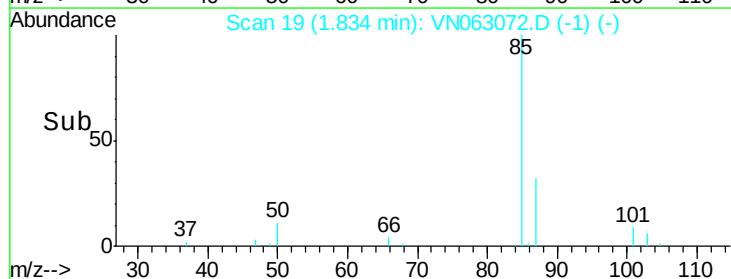
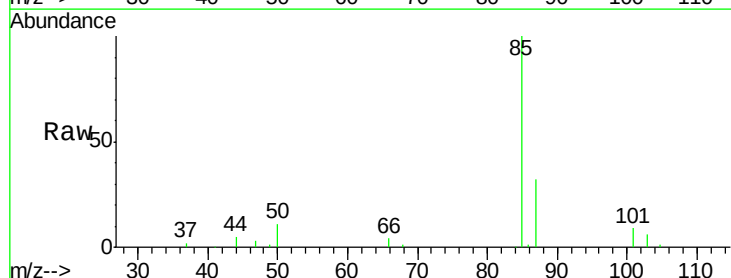
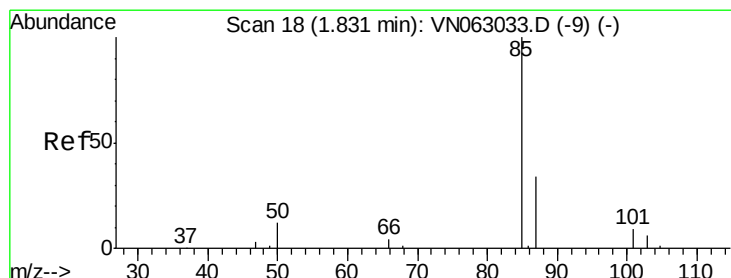
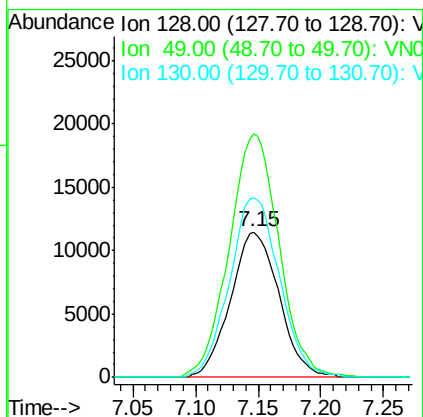
MSVOA_N

ClientSampleId :

VSTDCCC020

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 22.192 ug/l

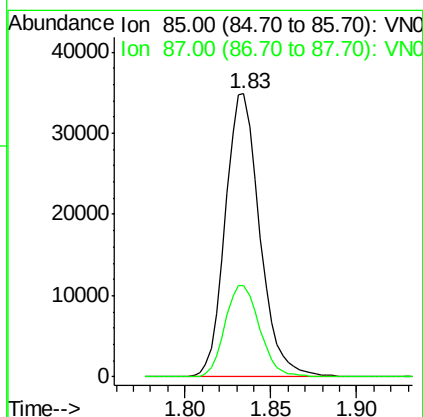
RT: 1.83 min Scan# 19

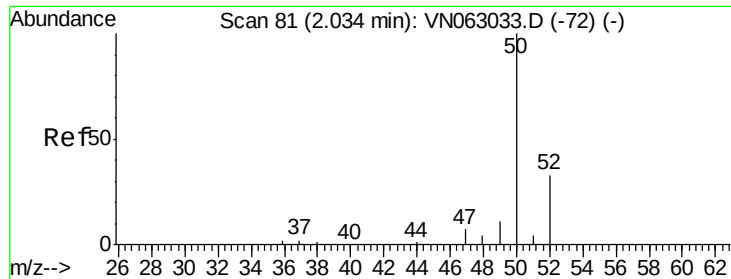
Delta R.T. 0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Tgt Ion:	85	Resp:	48784
Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.9	50.6





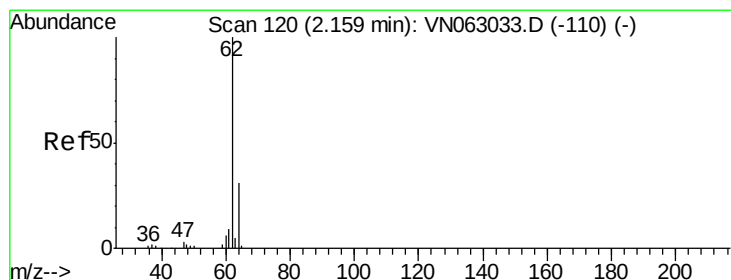
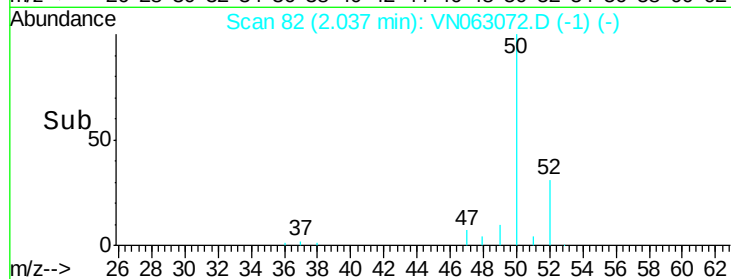
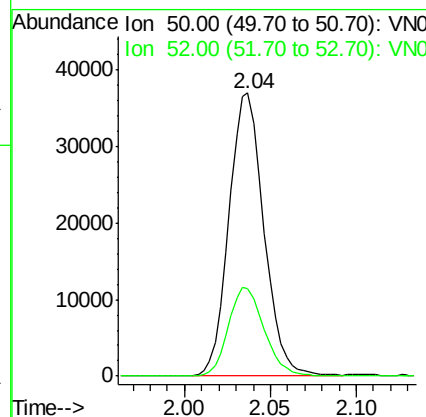
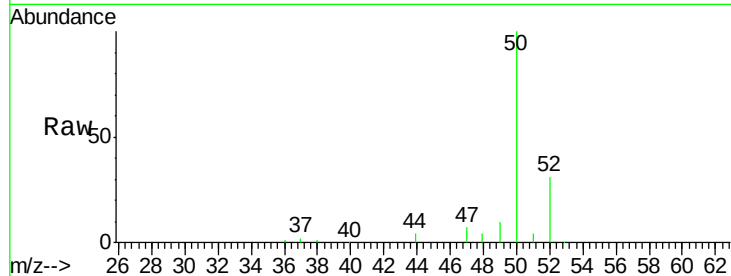
#3
Chloromethane
Concen: 21.483 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.0	39.0

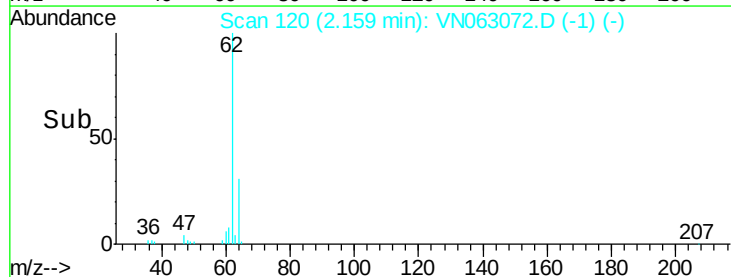
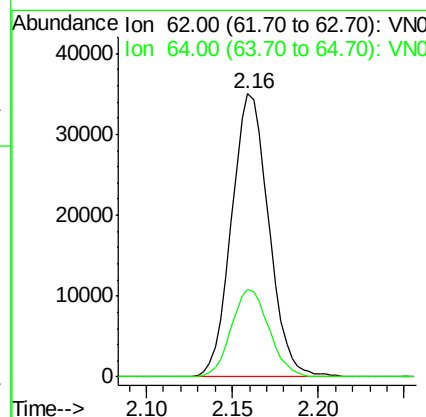
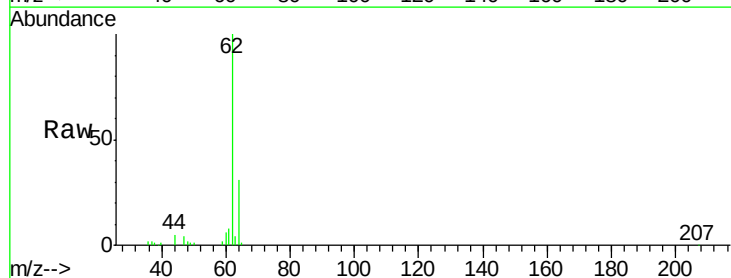
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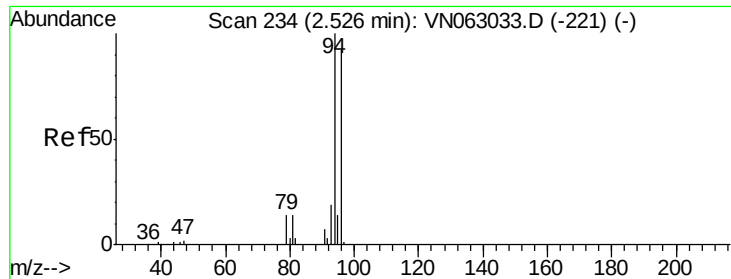
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#4
Vinyl Chloride
Concen: 21.518 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.0	25.0	37.4





#5

Bromomethane

Concen: 20.813 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 31417

Ion Ratio Lower Upper

94 100

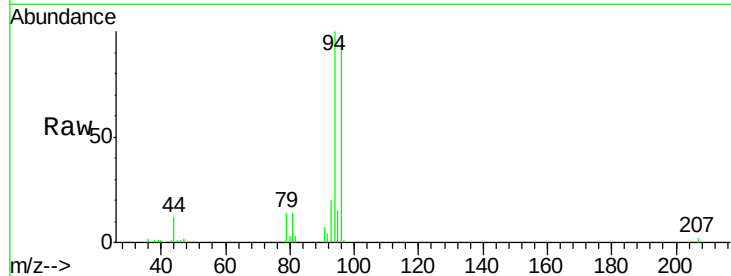
96 94.1 74.0 111.0

Manual Integrations

APPROVED

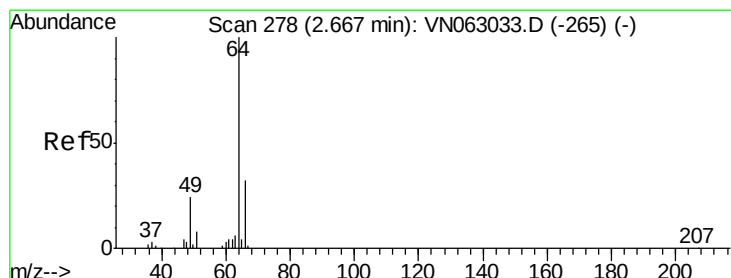
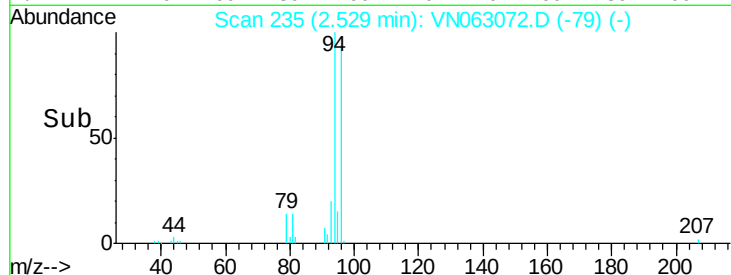
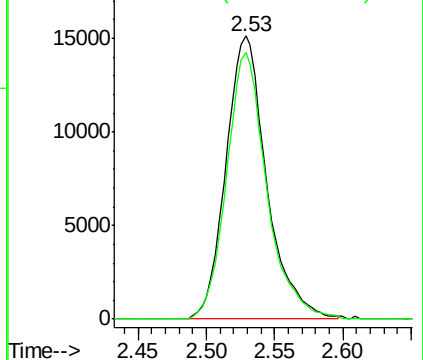
sam

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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 21.280 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN063072.D

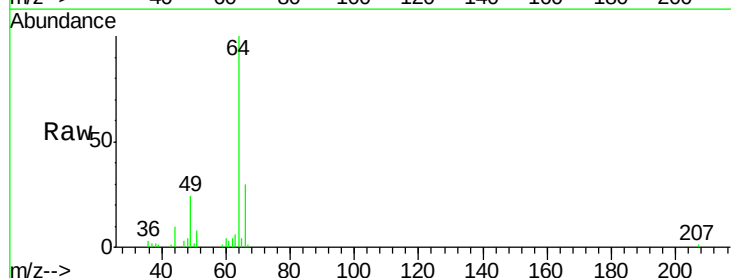
Acq: 21 Aug 2020 11:16

Tgt Ion: 64 Resp: 30798

Ion Ratio Lower Upper

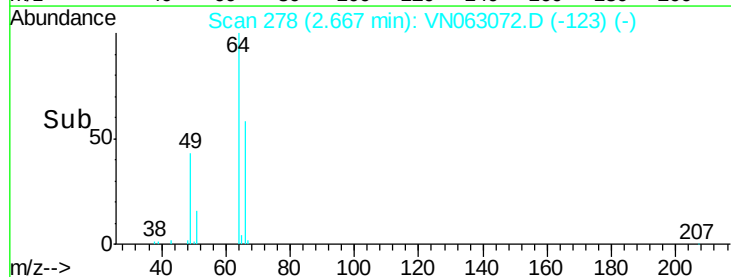
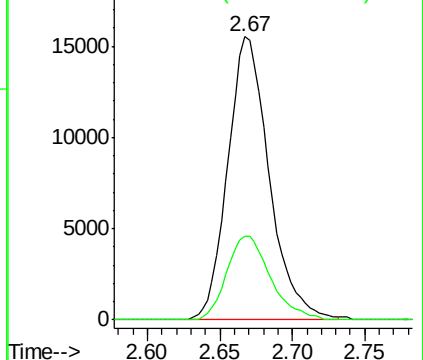
64 100

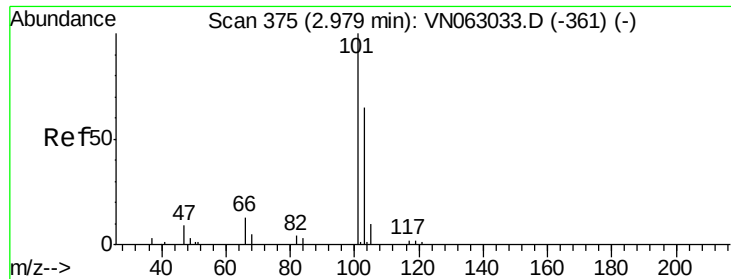
66 29.8 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

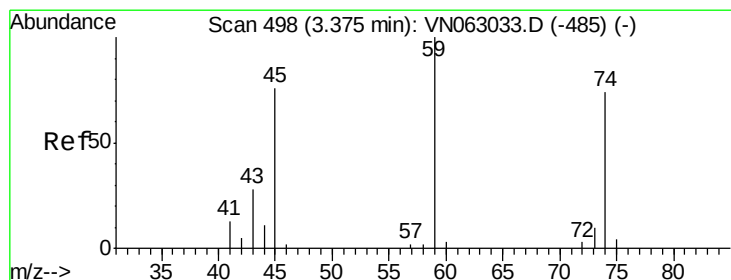
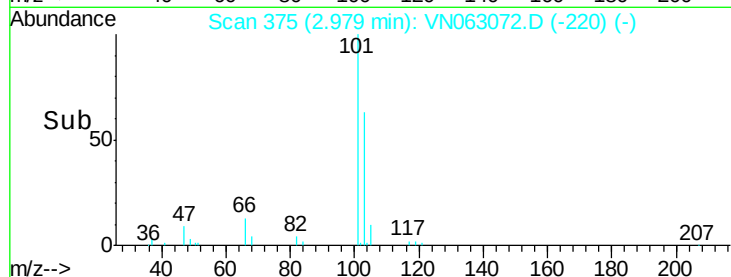
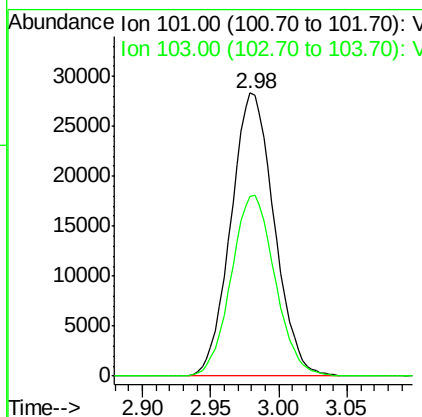
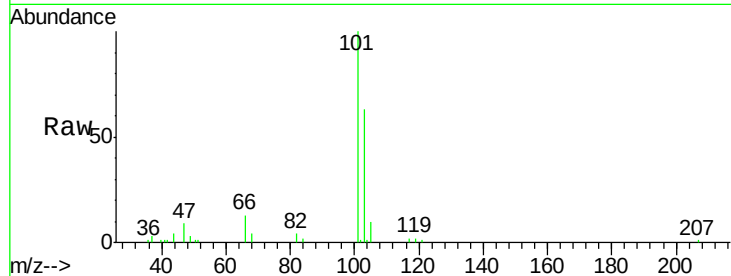
Trichlorofluoromethane
 Concen: 21.189 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
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 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.9	77.9

Manual Integrations
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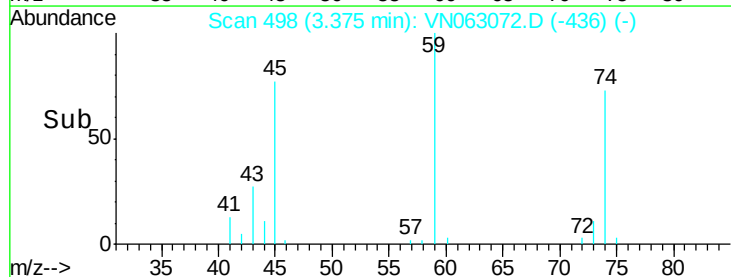
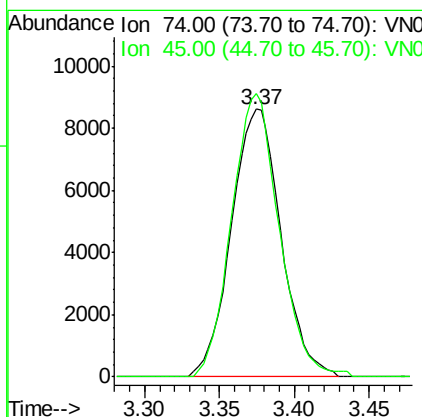
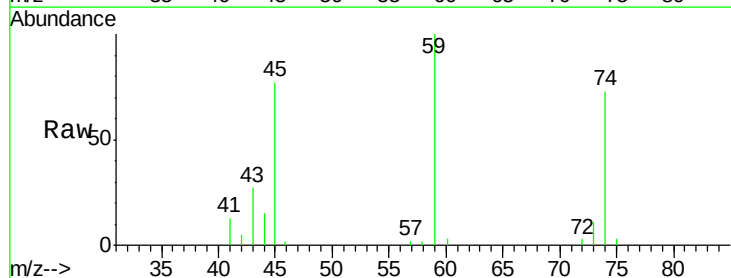
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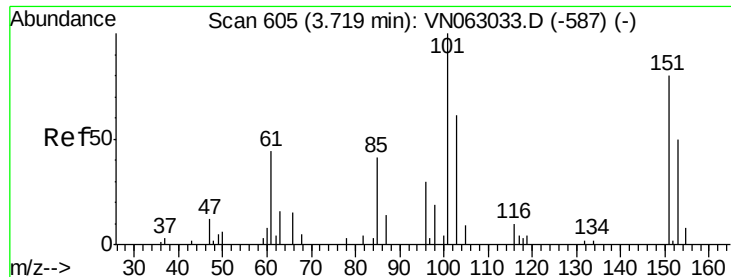


#8

Diethyl Ether
 Concen: 20.200 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	20.6	185.4





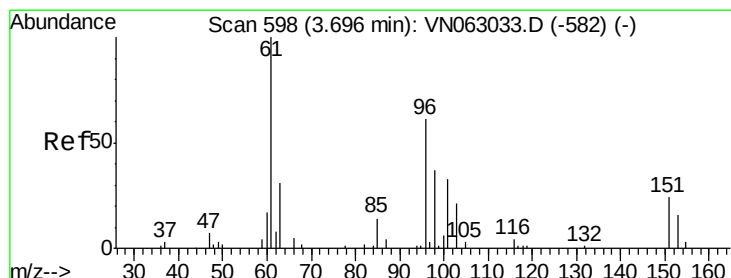
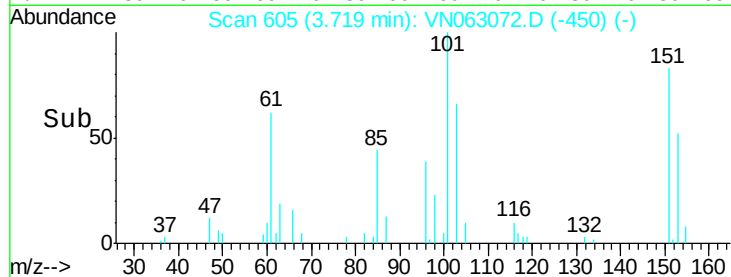
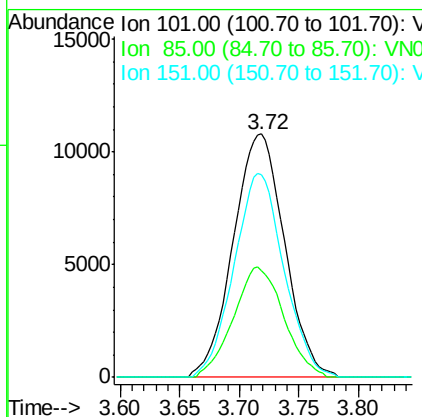
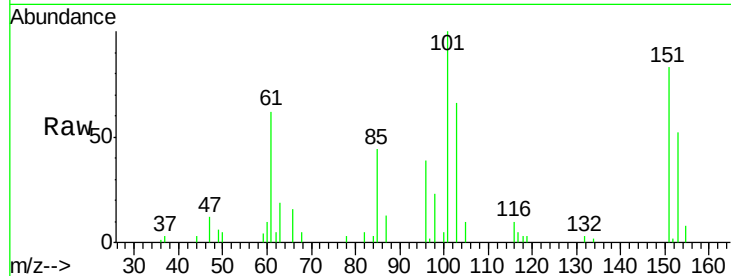
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.220 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	32286		
85	44.3	0.0	85.0	
151	81.4	0.0	161.6	

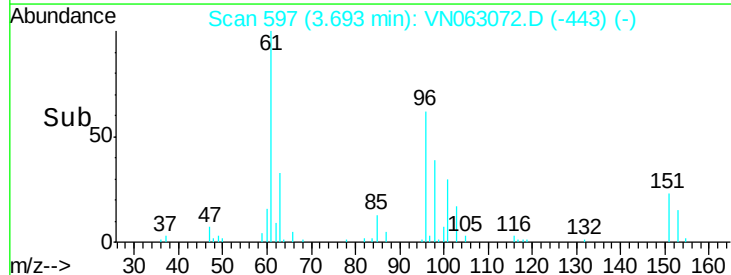
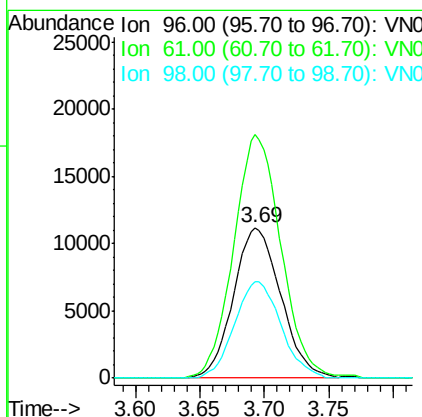
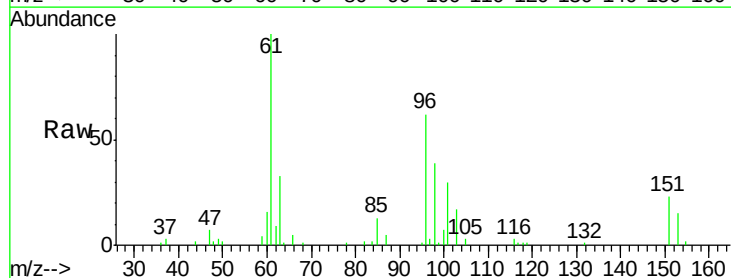
Manual Integrations
 APPROVED

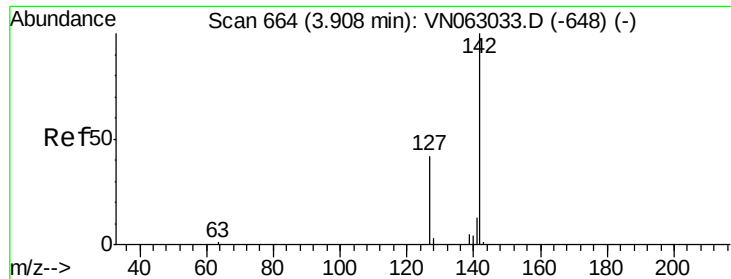
sam
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#10
 1,1-Dichloroethene
 Concen: 19.883 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	28527		
61	160.5	130.8	196.2	
98	63.9	49.0	73.4	





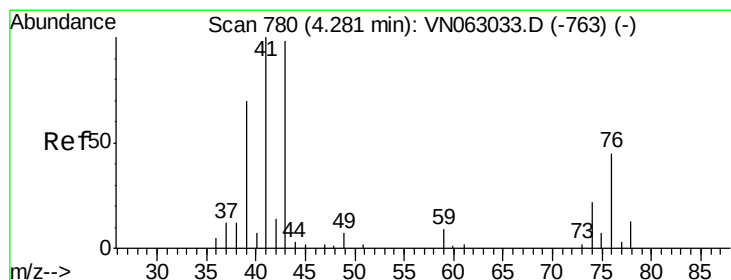
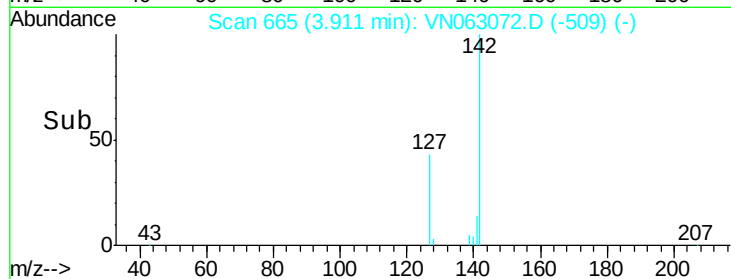
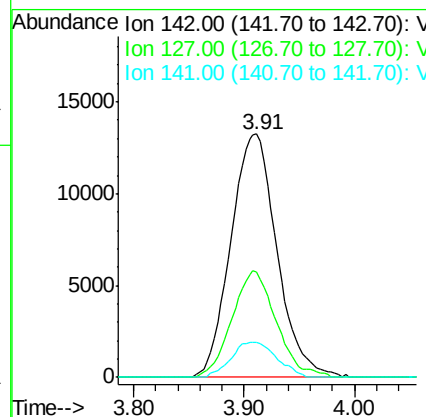
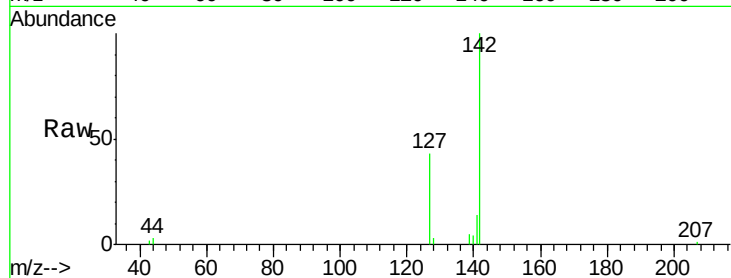
#11
Methvl Iodide
Concen: 19.477 ug/l
RT: 3.91 min Scan# 665
Delta R.T. 0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.2	20.9	62.8
141	14.4	6.7	20.1

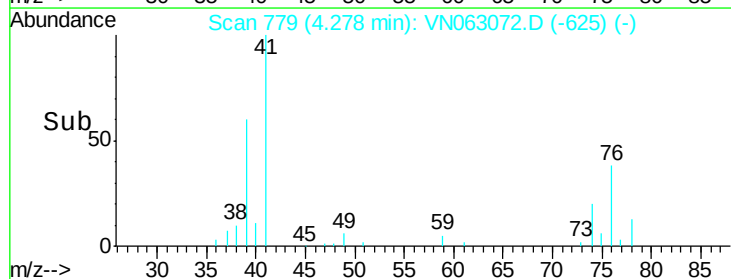
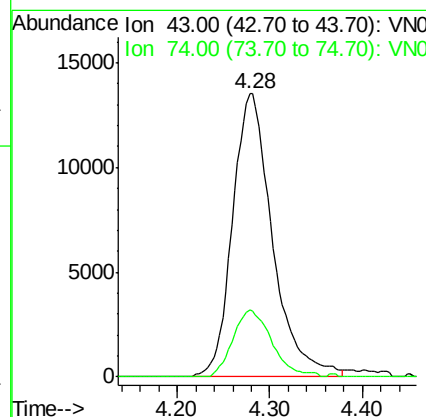
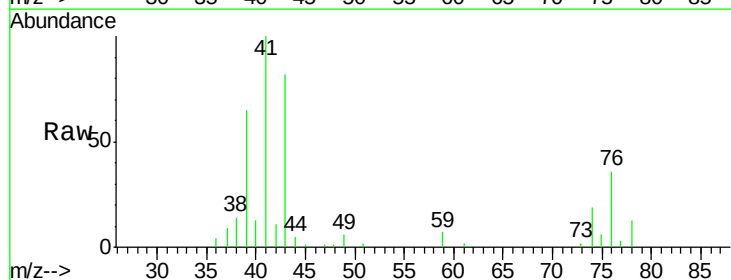
Manual Integrations
APPROVED

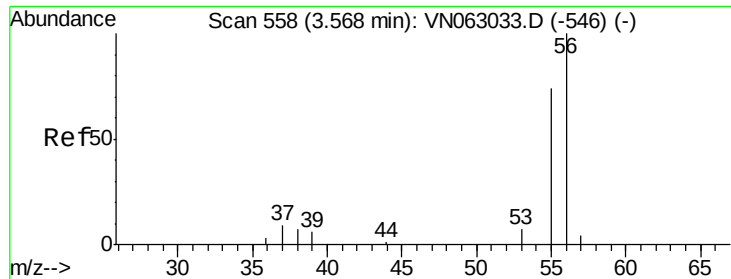
sam
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#12
Methyl Acetate
Concen: 21.144 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.6	27.8





#13

Acrolein

Concen: 74.114 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 14527

Ion Ratio Lower Upper

56 100

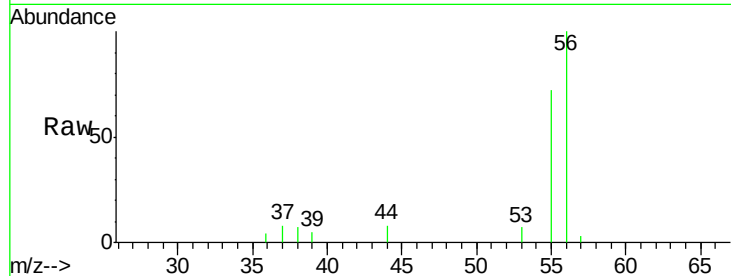
55 71.6 58.7 88.1

Manual Integrations

APPROVED

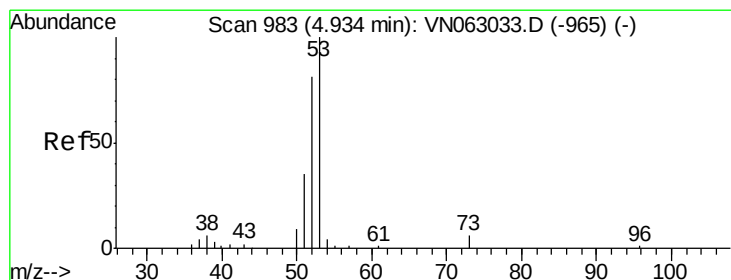
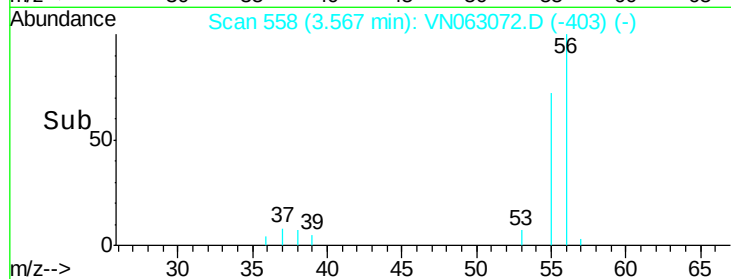
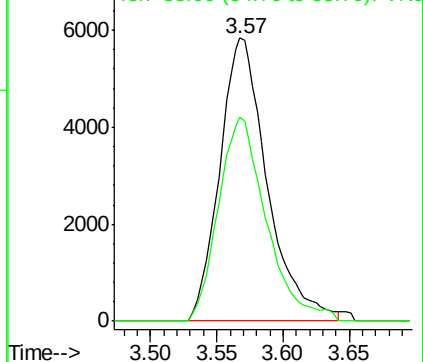
sam

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 102.664 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

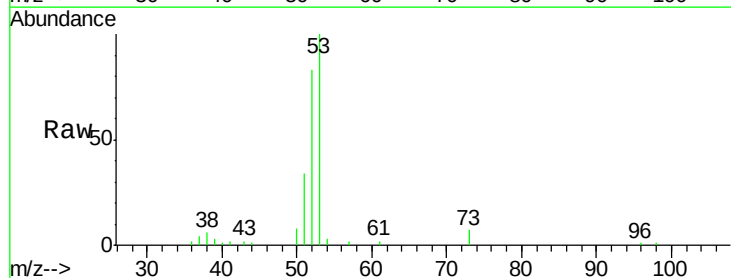
Tgt Ion: 53 Resp: 85972

Ion Ratio Lower Upper

53 100

52 81.5 39.9 119.7

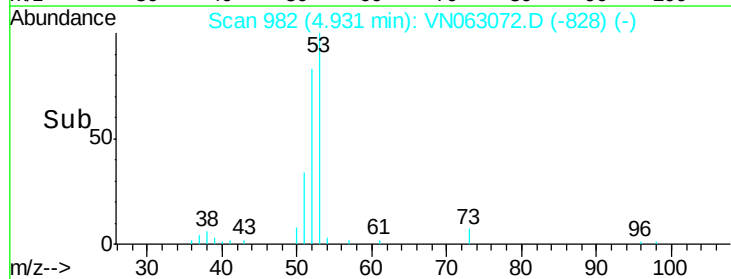
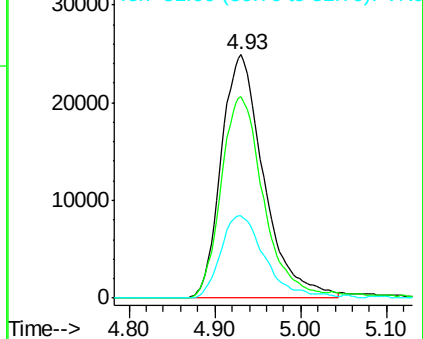
51 34.6 17.0 51.0

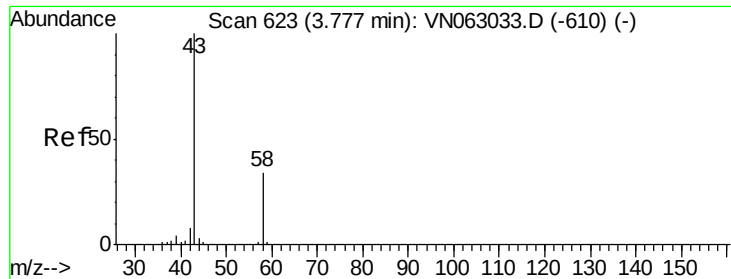


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 112.551 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 27278

Ion Ratio Lower Upper

58 100

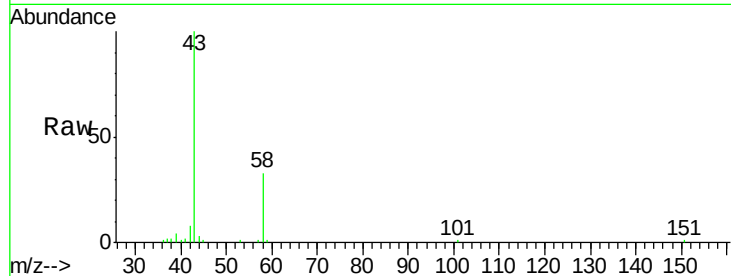
43 298.4 233.2 349.8

Manual Integrations

APPROVED

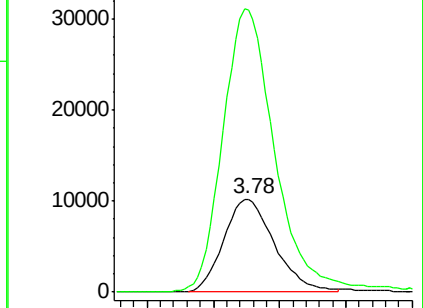
sam

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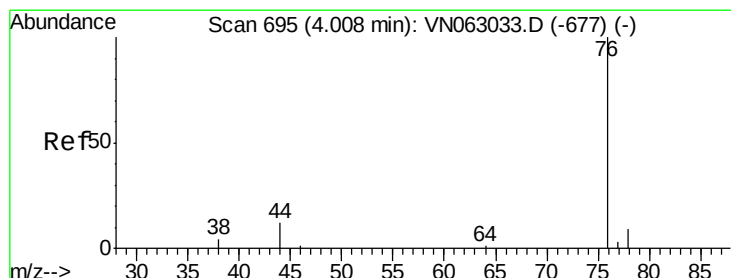
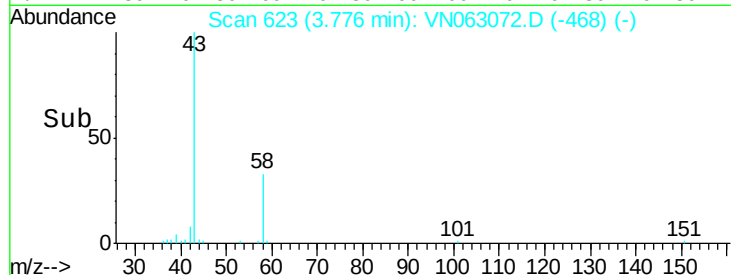


Abundance Ion 58.00 (57.70 to 58.70): VN063033.D (-610) (-)

Ion 43.00 (42.70 to 43.70): VN063033.D (-610) (-)



Time-->



#16

Carbon Disulfide

Concen: 19.455 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN063072.D

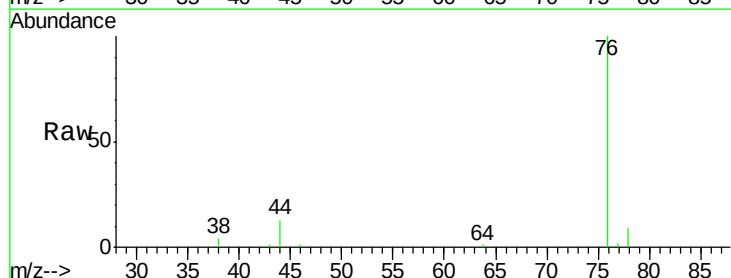
Acq: 21 Aug 2020 11:16

Tgt Ion: 76 Resp: 74937

Ion Ratio Lower Upper

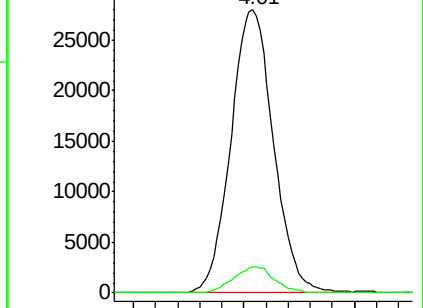
76 100

78 9.2 7.0 10.4

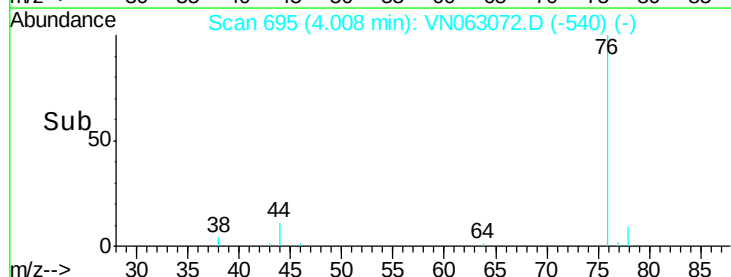


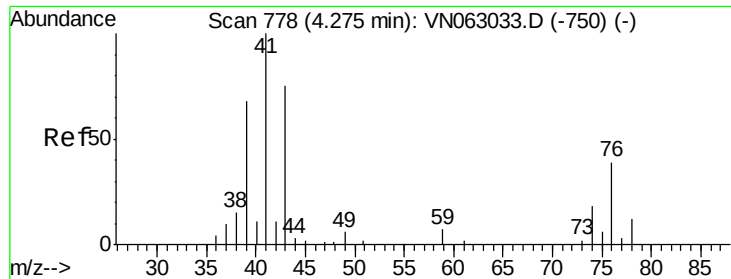
Abundance Ion 76.00 (75.70 to 76.70): VN063033.D (-677) (-)

Ion 78.00 (77.70 to 78.70): VN063033.D (-677) (-)



Time-->





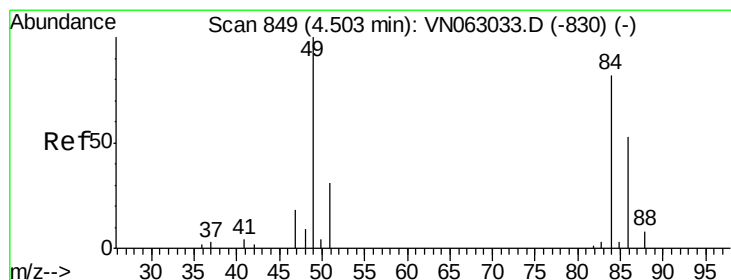
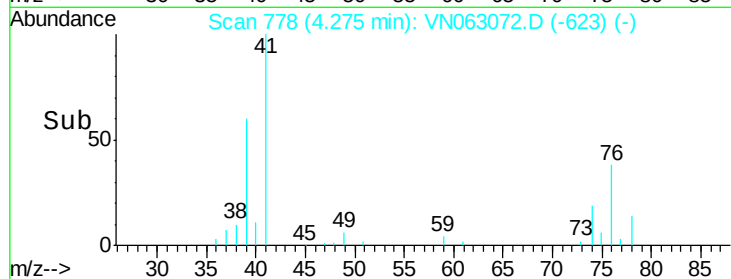
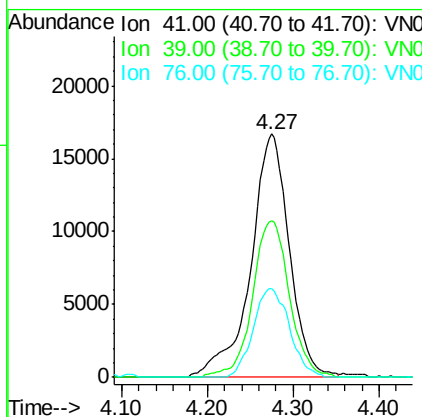
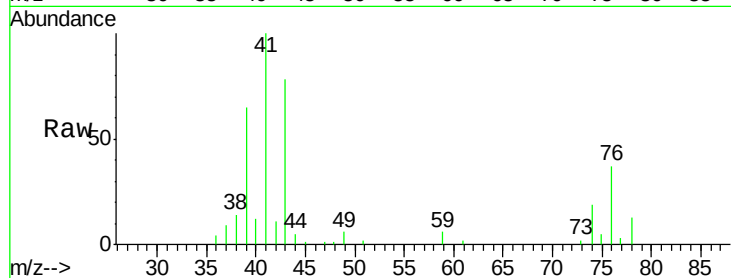
#17
Allvl chloride
Concen: 19.841 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:	41	Resp:	52236
Ion	Ratio	Lower	Upper
41	100		
39	64.5	33.8	101.4
76	36.5	19.4	58.4

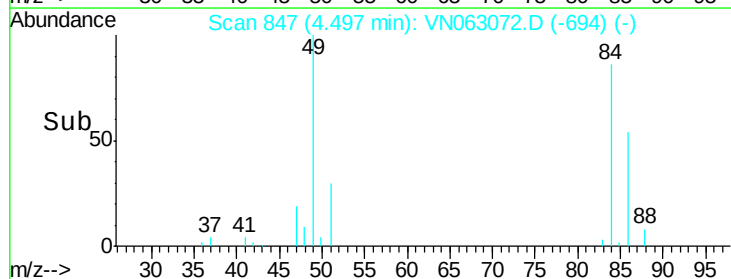
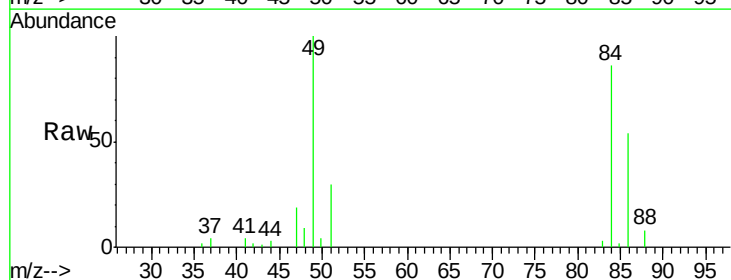
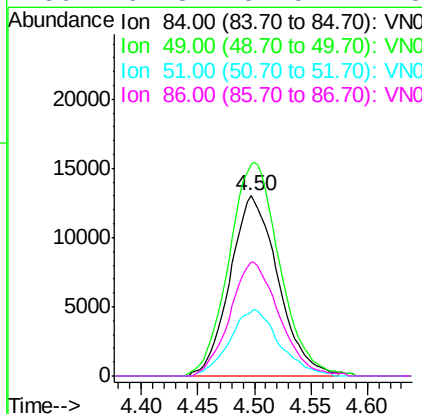
Manual Integrations
APPROVED

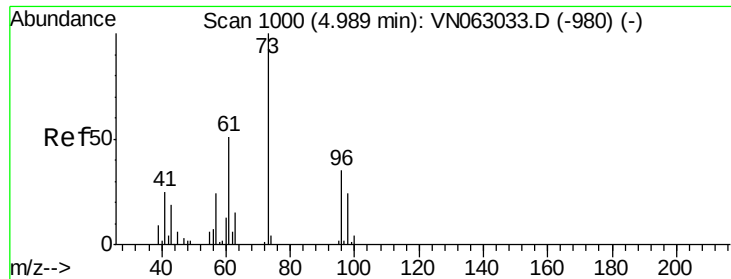
sam
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#18
Methylene Chloride
Concen: 19.192 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion:	84	Resp:	38526
Ion	Ratio	Lower	Upper
84	100		
49	115.4	97.8	146.8
51	35.3	30.7	46.1
86	62.8	51.5	77.3





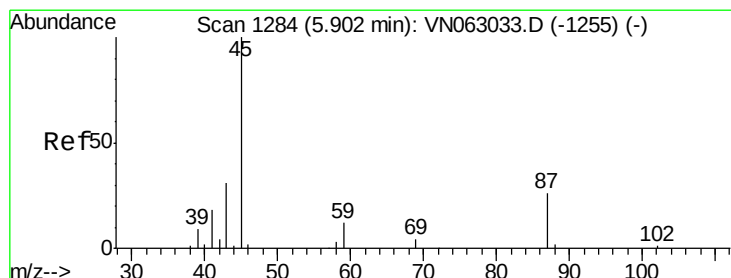
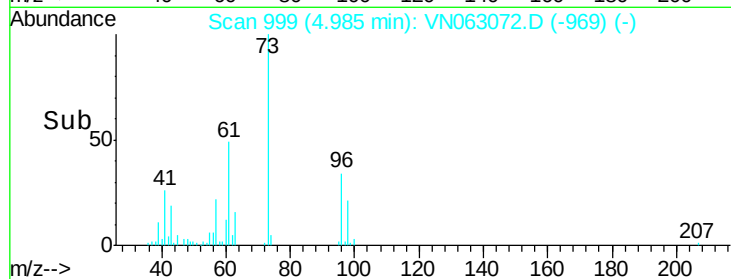
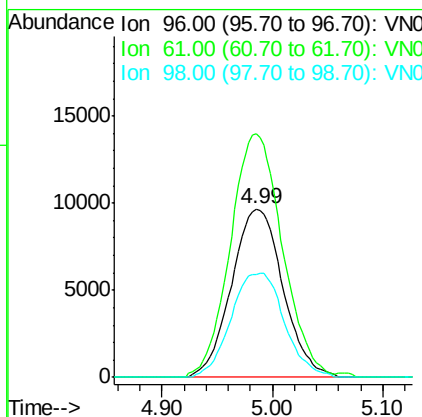
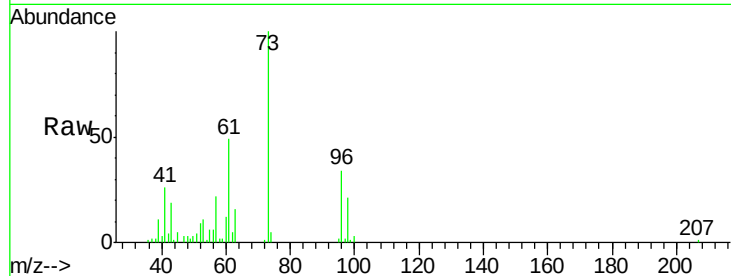
#19
trans-1,2-Dichloroethene
Concen: 19.852 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	115.9	173.9
98	61.2	53.3	79.9

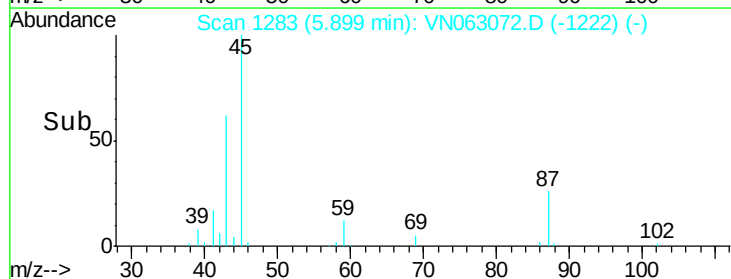
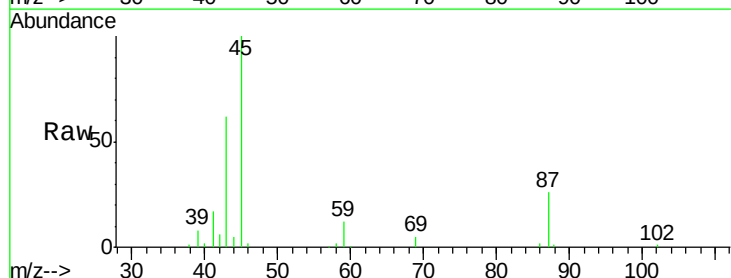
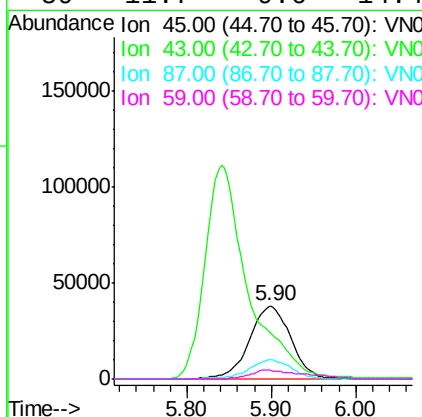
Manual Integrations
APPROVED

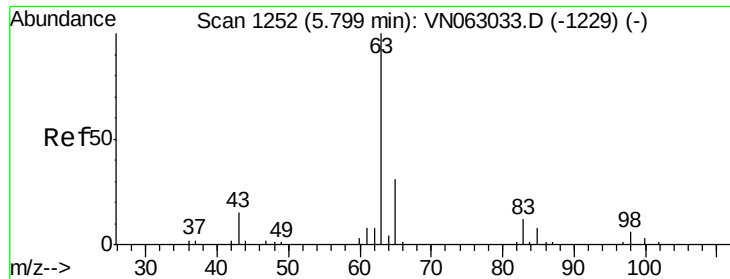
sam
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#20
Diisopropyl ether
Concen: 20.975 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.8	51.8	77.6
87	25.9	21.8	32.6
59	11.7	9.6	14.4





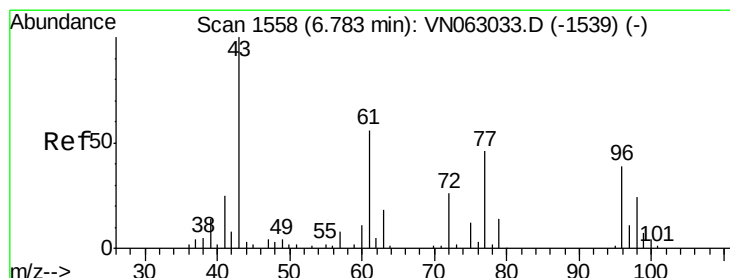
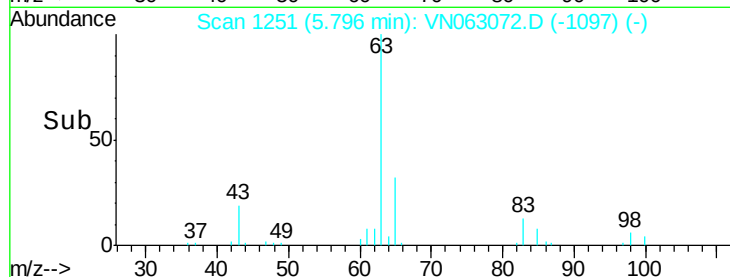
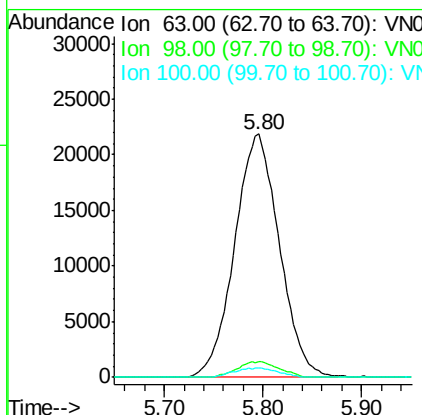
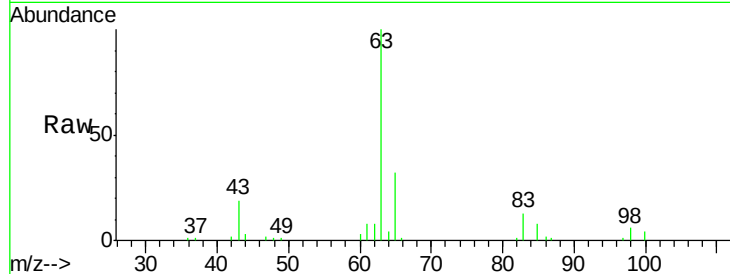
#21
 1,1-Dichloroethane
 Concen: 20.316 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
63	100			
98	6.3	3.1	9.3	
100	3.8	1.8	5.3	

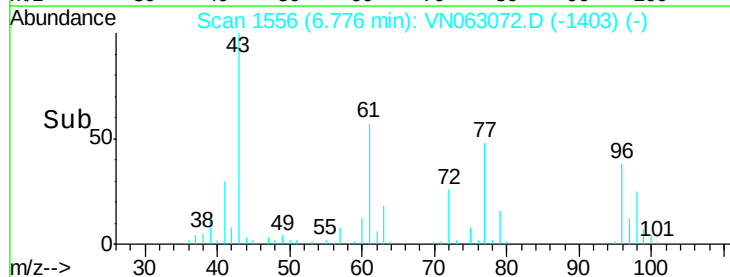
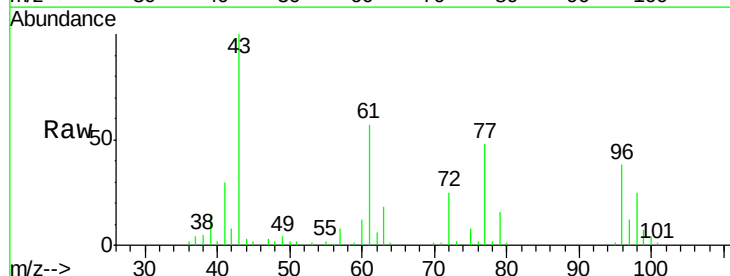
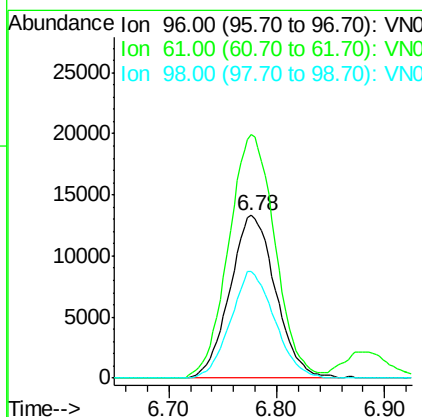
Manual Integrations
 APPROVED

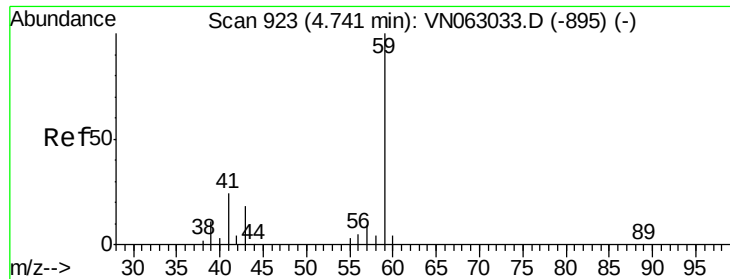
sam
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#22
 cis-1,2-Dichloroethene
 Concen: 20.035 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	Ion	Ratio	Resp Lower	Resp Upper
96	100			
61	152.0	120.9	181.3	
98	63.3	50.3	75.5	





#23

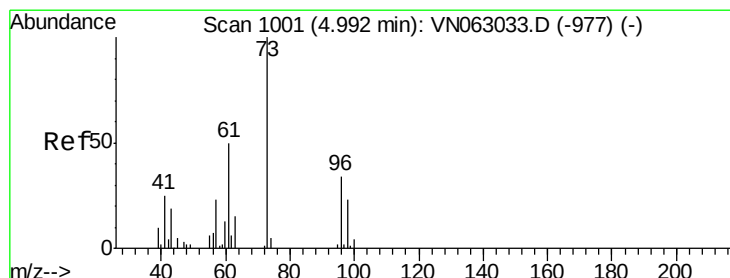
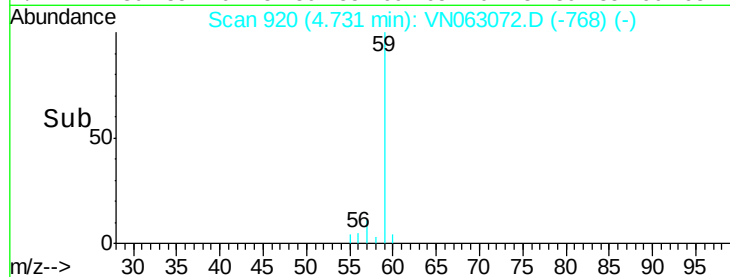
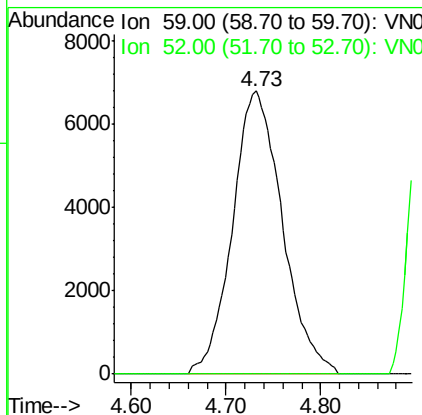
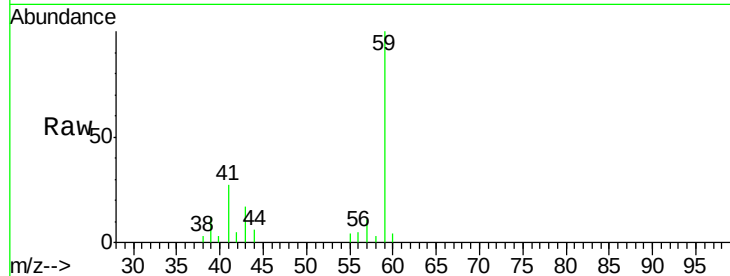
tert-Butyl Alcohol
 Concen: 90.820 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	59	52	Ratio	100	0.0	Resp	24916	Lower	Upper
Ion	59	52	Ratio	100	0.0	Resp	24916	Lower	Upper

Manual Integrations
 APPROVED

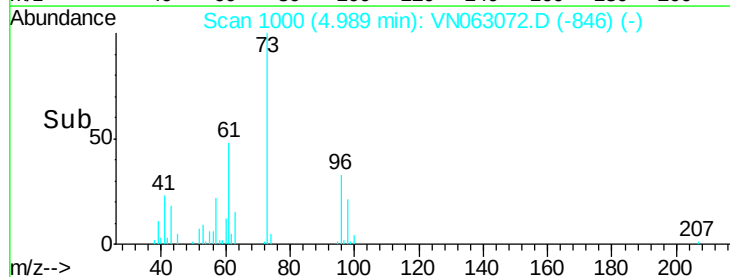
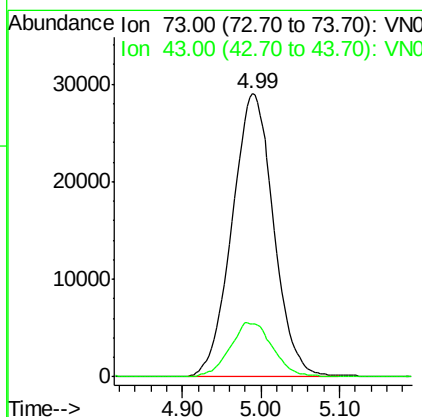
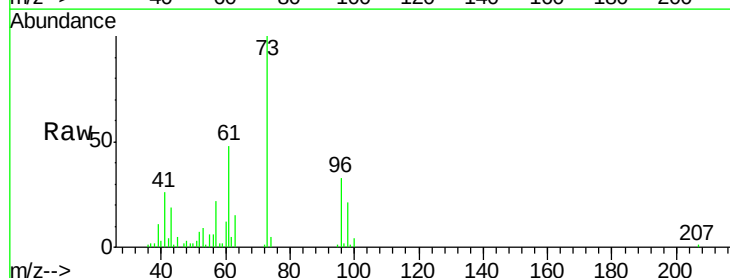
sam
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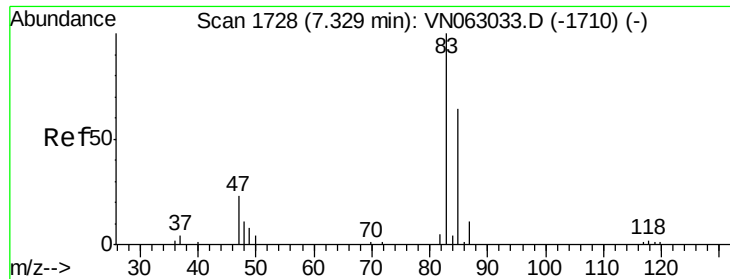


#24

Methyl tert-Butyl Ether
 Concen: 20.437 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	73	43	Ratio	100	19.7	Resp	107573	Lower	Upper
Ion	73	43	Ratio	100	19.7	Resp	107573	Lower	Upper





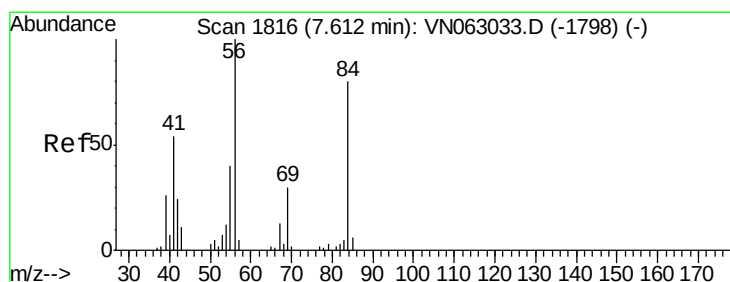
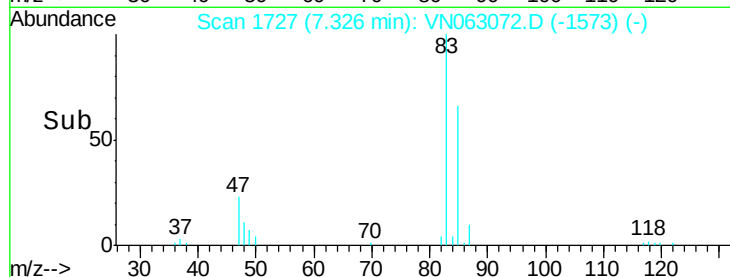
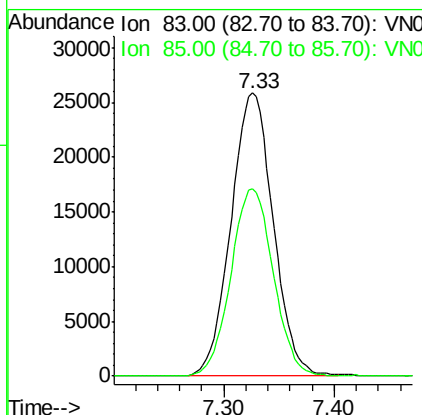
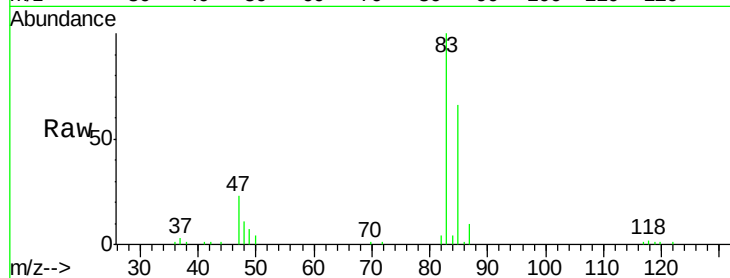
#25
Chloroform
Concen: 20.401 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	83	Resp	68754
Ion Ratio	100	Lower	Upper
85	66.2	51.0	76.4

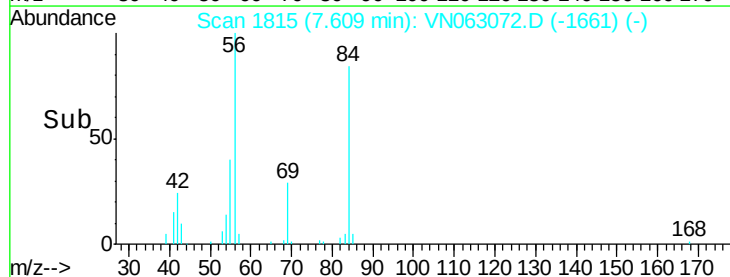
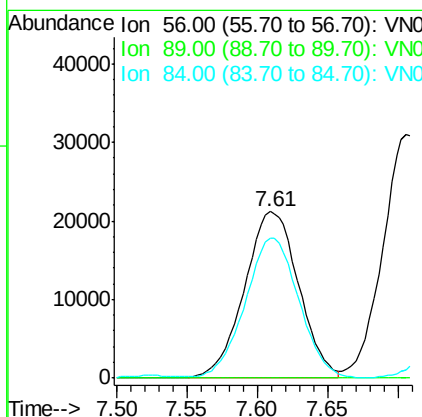
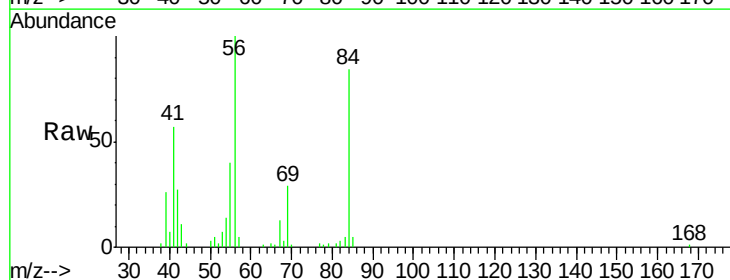
Manual Integrations
APPROVED

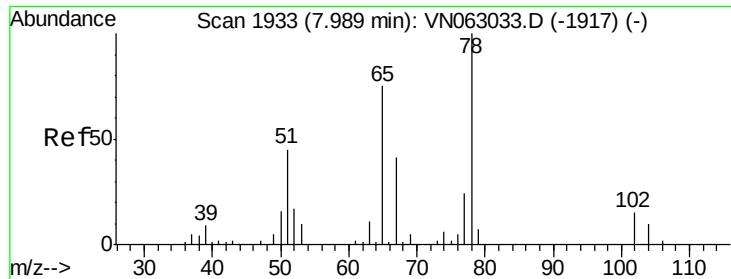
sam
8/24/2020 5:52:05 PM



#26
Cyclohexane
Concen: 19.555 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	56	Resp	56967
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	83.4	65.0	97.4





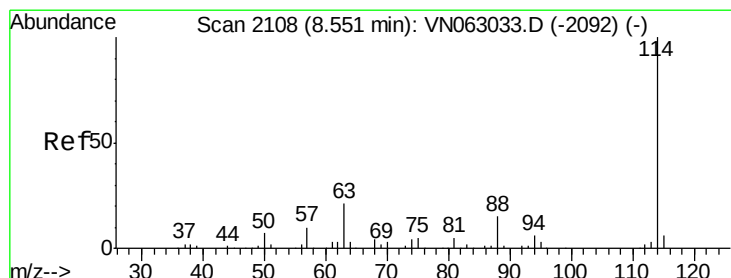
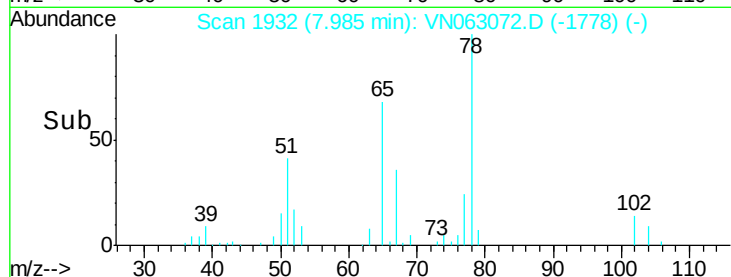
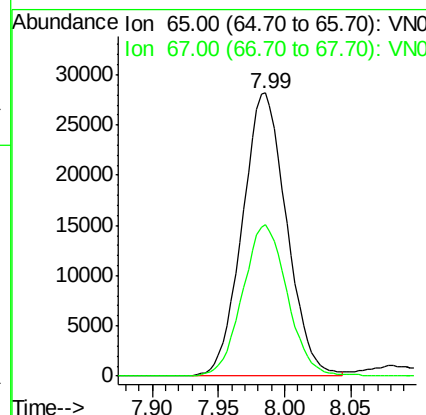
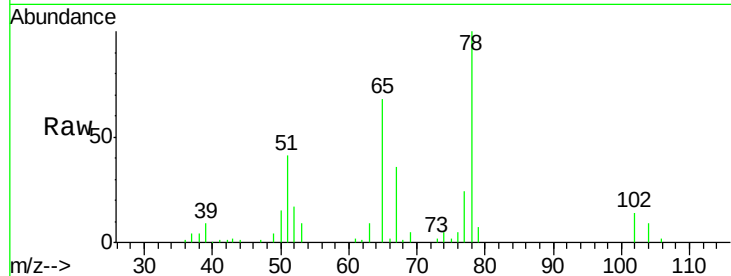
#27
 1,2-Dichloroethane-d4
 Concen: 30.029 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	43.8	65.6

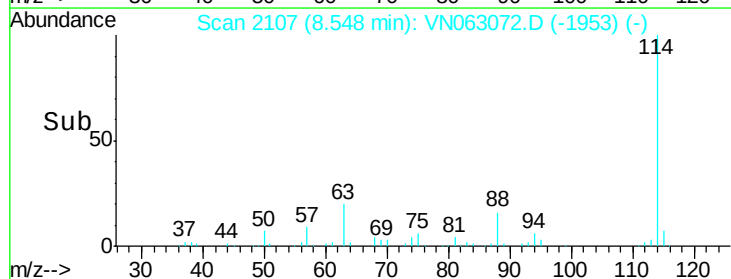
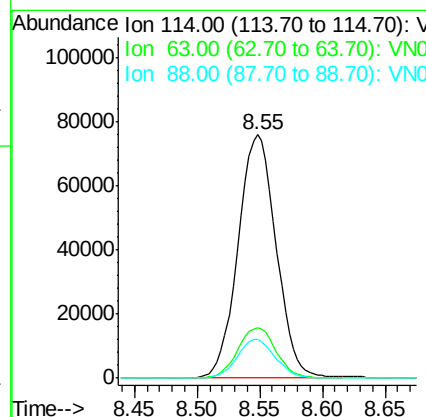
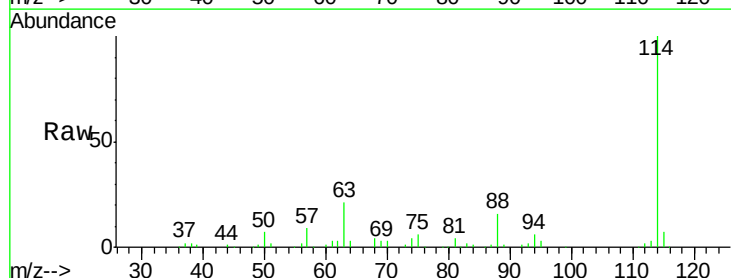
Manual Integrations
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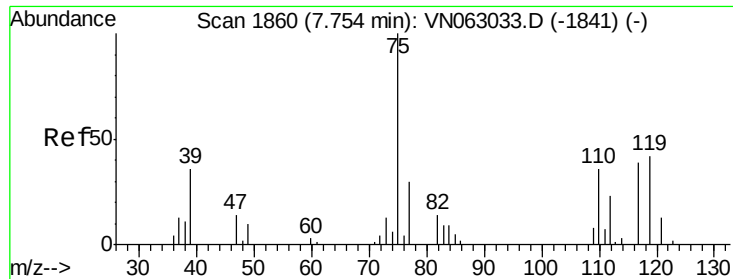
sam
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	17.0	25.6
88	15.8	12.6	18.8





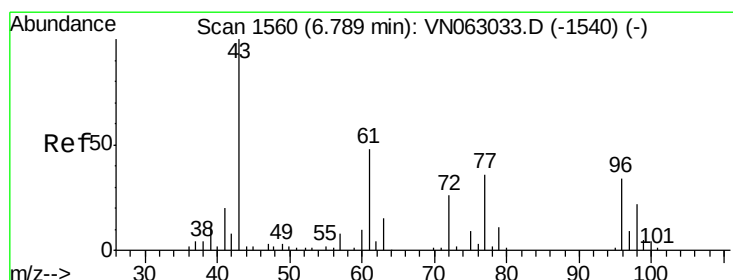
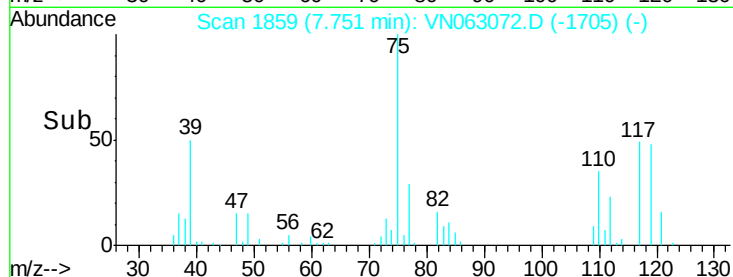
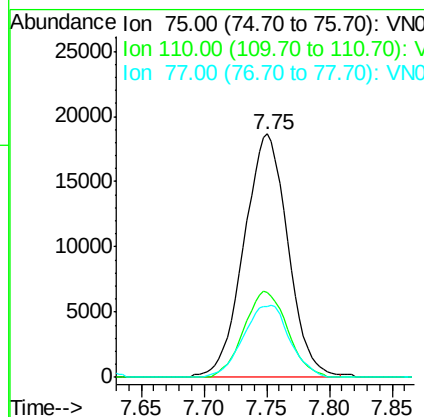
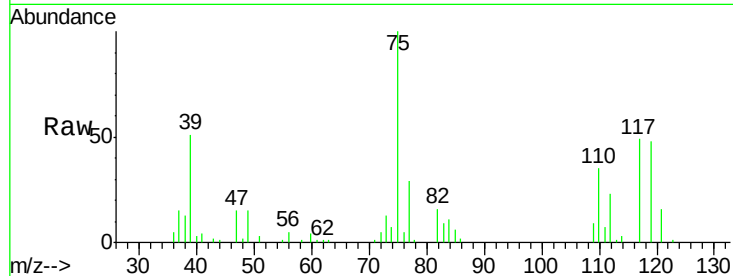
#29
 1,1-Dichloropropene
 Concen: 19.548 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.1	0.0	70.6
77	31.2	0.0	60.2

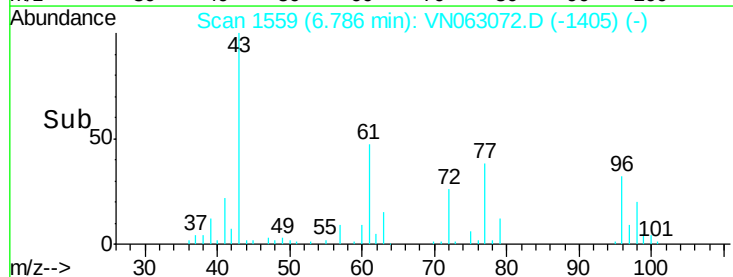
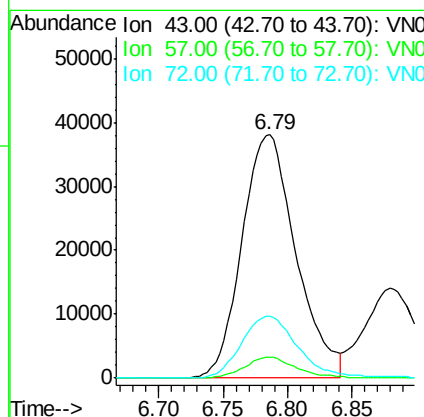
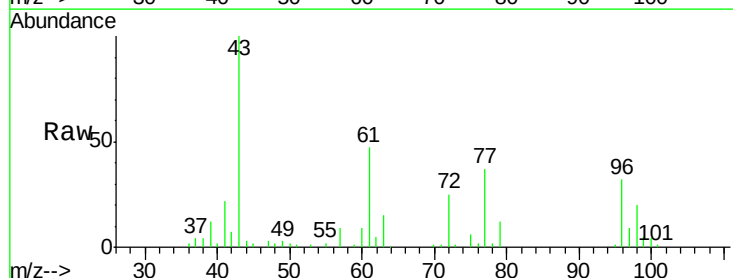
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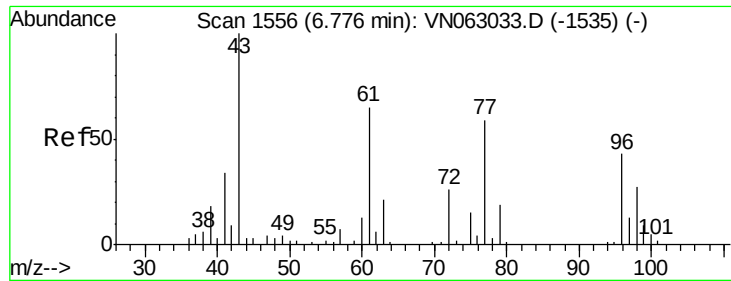
sam
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#30
 2-Butanone
 Concen: 102.235 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.6	9.8
72	26.6	21.3	31.9





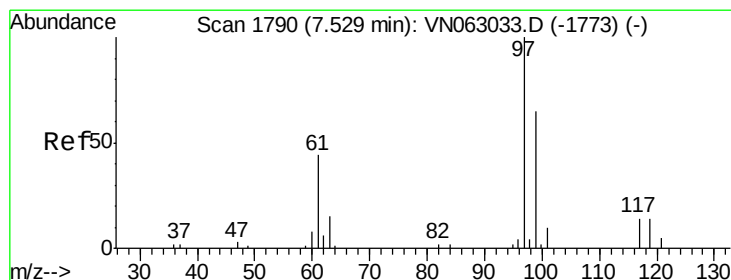
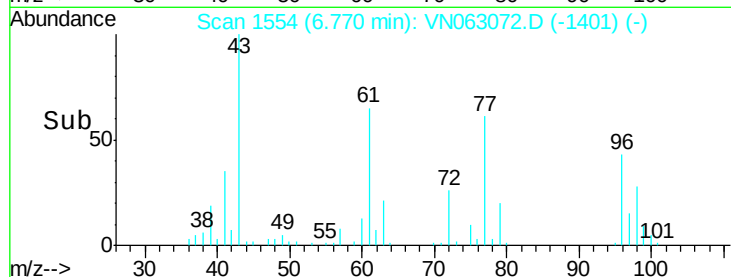
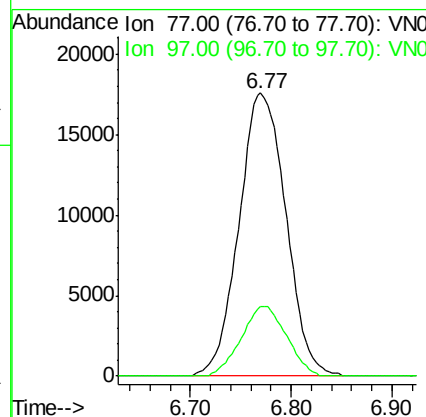
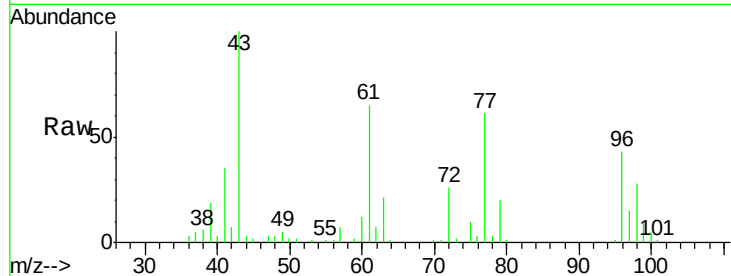
#31
 2,2-Dichloropropane
 Concen: 20.057 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

Tot Ion: 77 Resp: 56813
 Ion Ratio Lower Upper
 77 100
 97 23.8 18.2 27.4

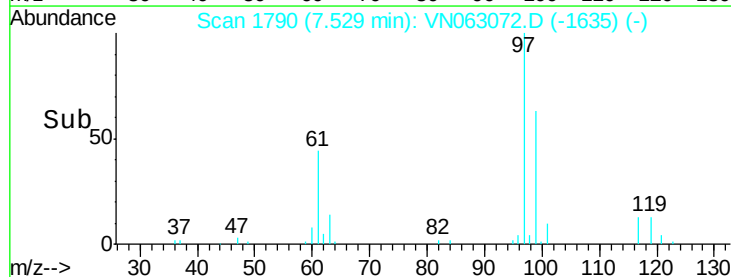
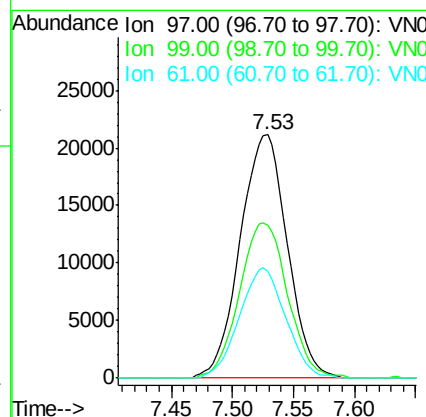
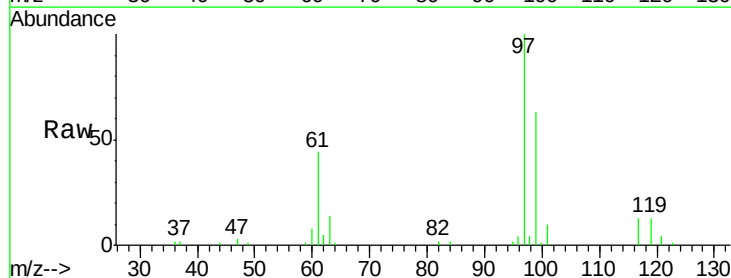
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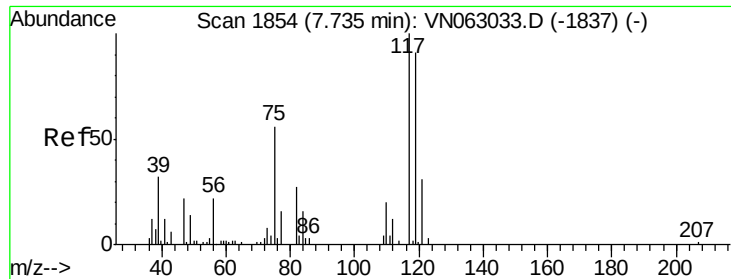
sam
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#32
 1,1,1-Trichloroethane
 Concen: 20.157 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion: 97 Resp: 56575
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.7 77.5
 61 44.5 35.3 52.9





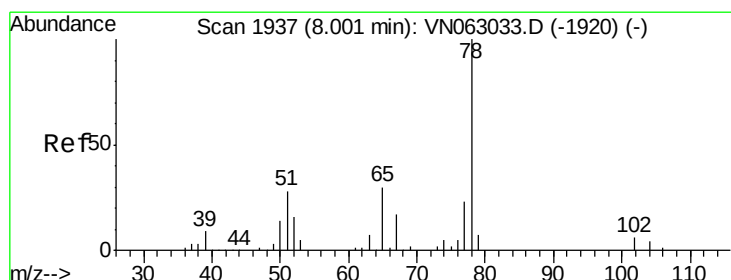
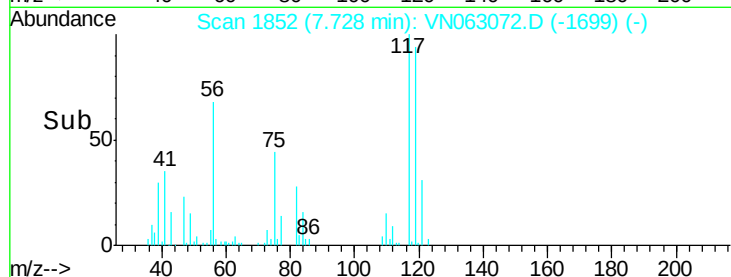
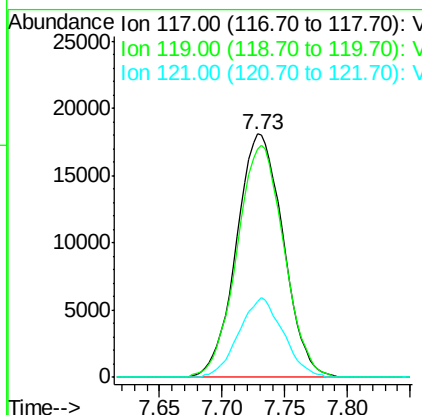
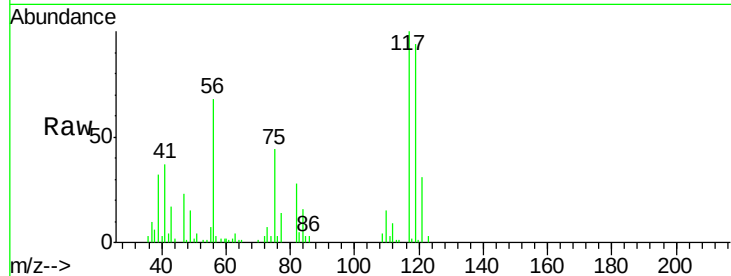
#33
Carbon Tetrachloride
Concen: 19.605 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.0	73.0	109.4
121	31.4	24.9	37.3

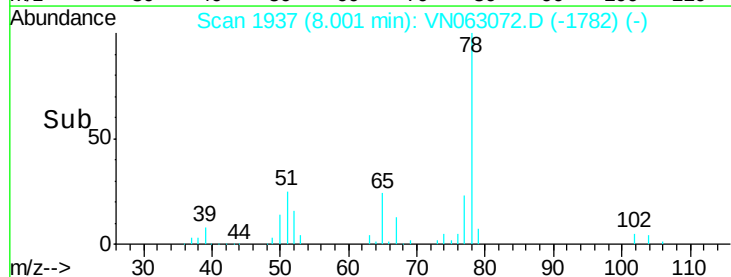
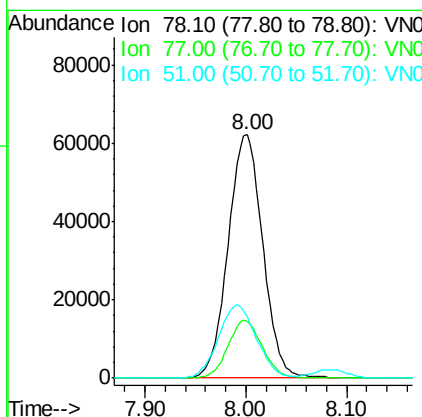
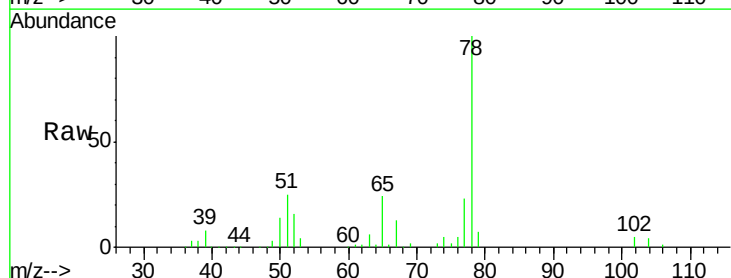
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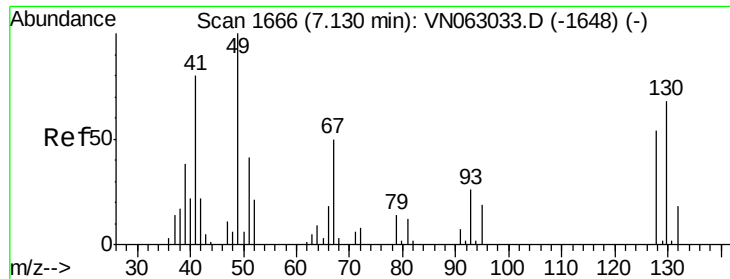
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#34
Benzene
Concen: 19.905 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8
51	24.7	22.2	33.2





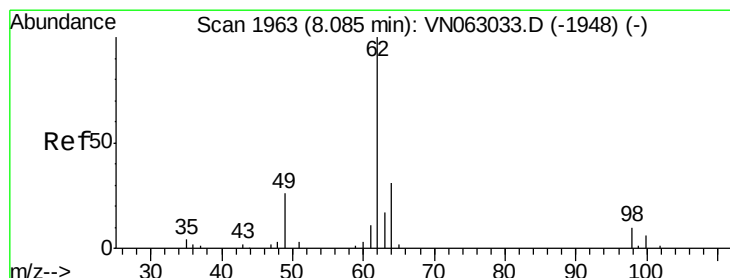
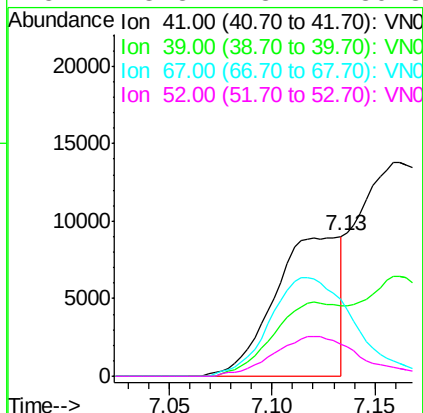
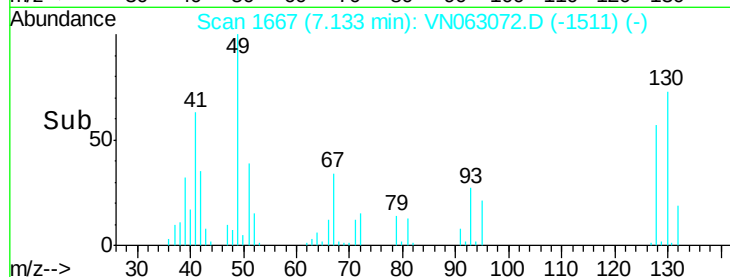
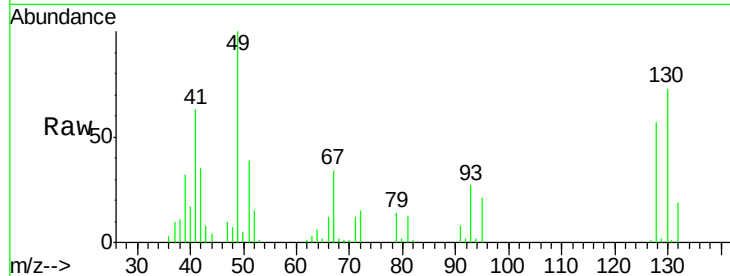
#35
Methacrylonitrile
Concen: 19.426 ug/l m
RT: 7.13 min Scan# 1667
Delta R.T. 0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	41	Resp	20054
Ion Ratio	Lower	Upper	
41	100		
39	50.5	23.7	71.1
67	55.0	31.6	94.7
52	23.3	13.1	39.3

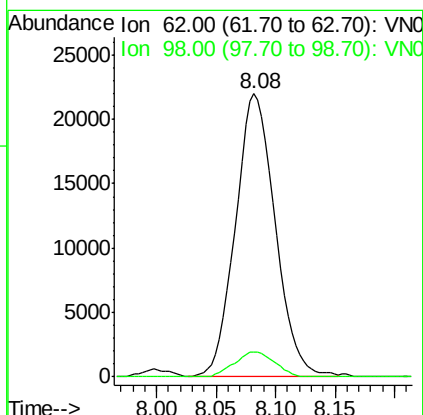
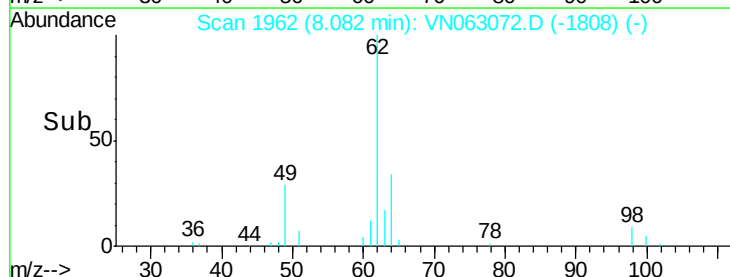
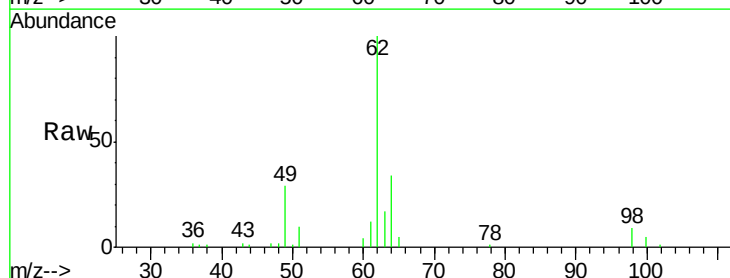
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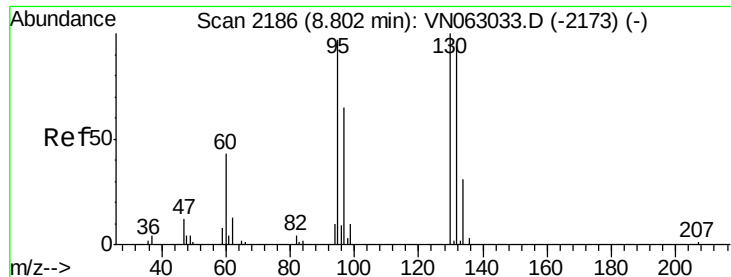
sam
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#36
1,2-Dichloroethane
Concen: 20.009 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	62	Resp	50980
Ion Ratio	Lower	Upper	
62	100		
98	8.9	7.6	11.4





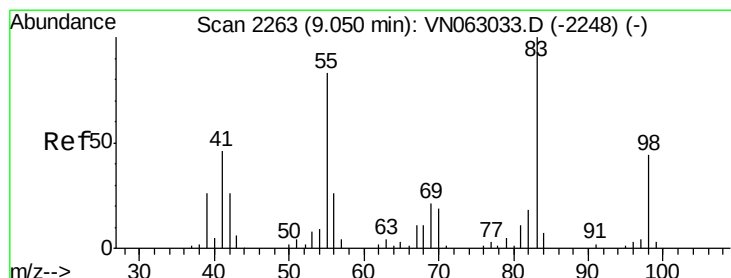
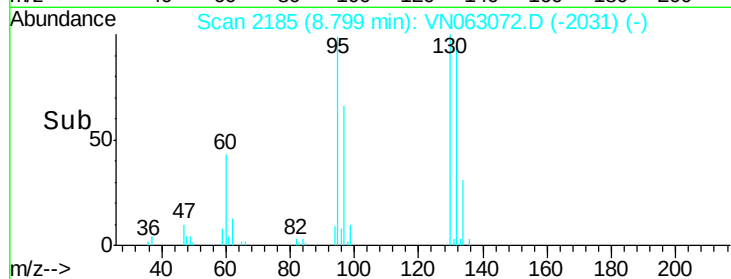
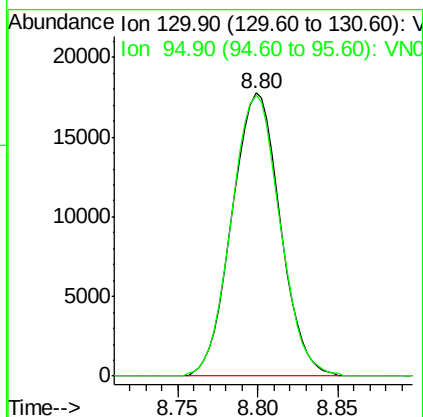
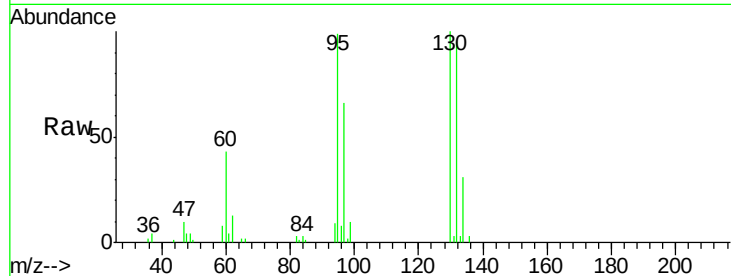
#37
 Trichloroethene
 Concen: 20.050 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 36669
 Ion Ratio Lower Upper
 130 100
 95 98.4 78.9 118.3

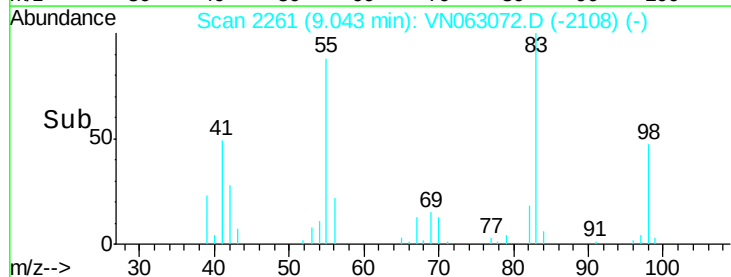
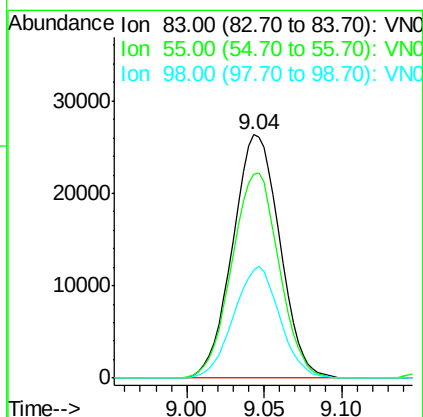
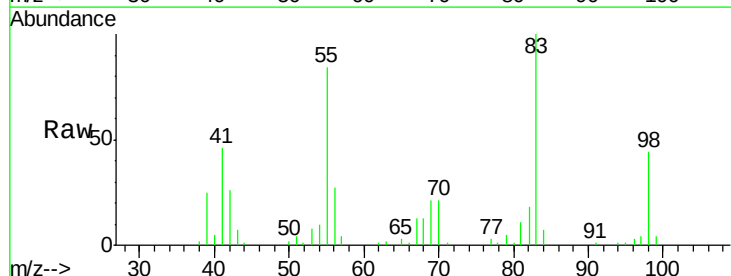
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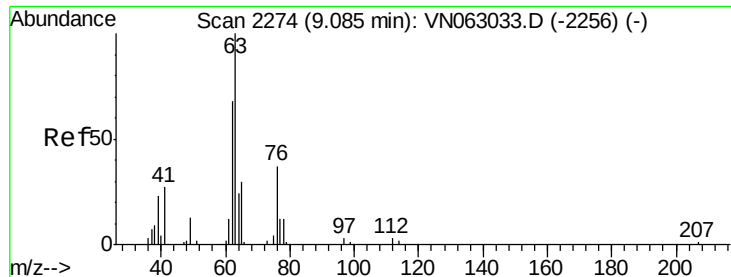
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#38
 Methylcyclohexane
 Concen: 19.098 ug/l
 RT: 9.04 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion: 83 Resp: 55822
 Ion Ratio Lower Upper
 83 100
 55 84.6 41.9 125.7
 98 44.8 22.2 66.6





#39

1,2-Dichloropropane

Concen: 20.037 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 63 Resp: 43550

Ion Ratio Lower Upper

63 100

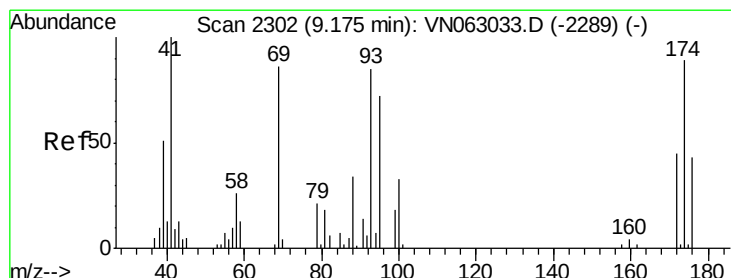
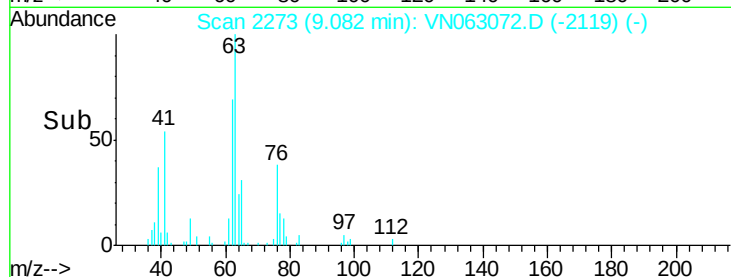
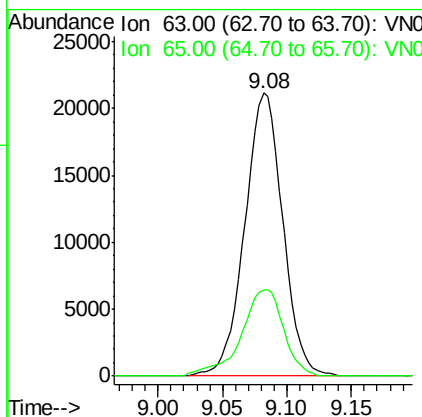
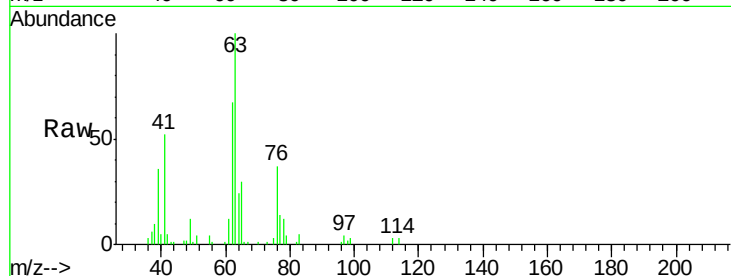
65 30.4 25.1 37.7

Manual Integrations

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#40

Dibromomethane

Concen: 19.442 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

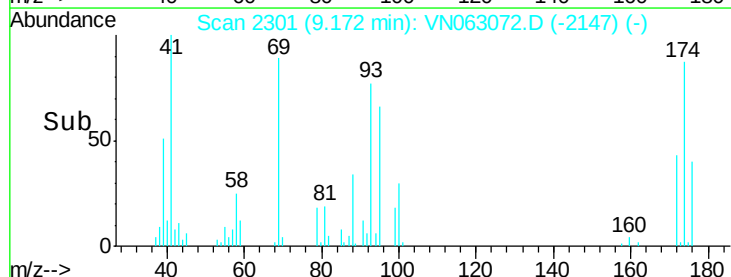
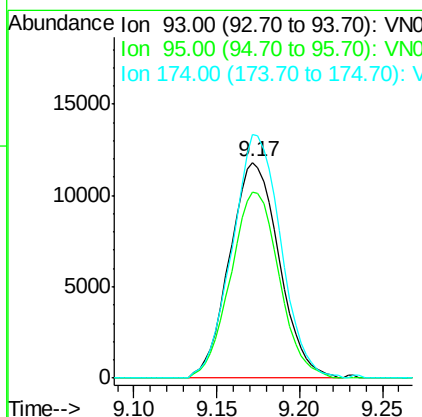
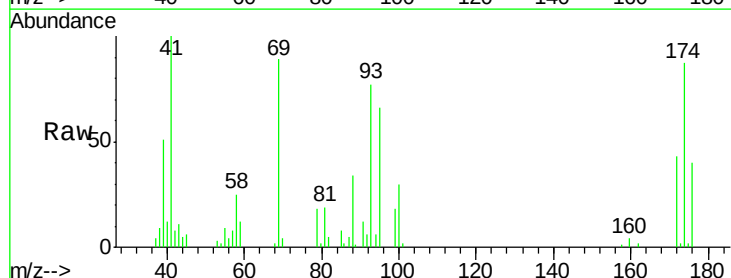
Tgt Ion: 93 Resp: 24534

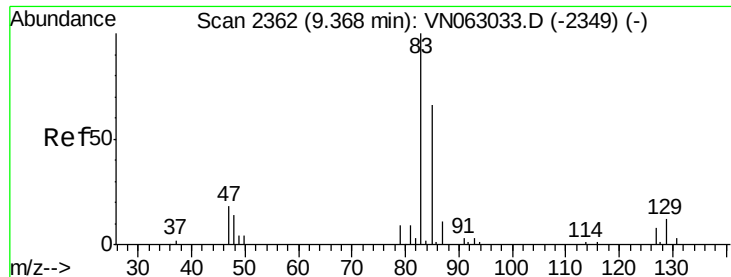
Ion Ratio Lower Upper

93 100

95 84.6 0.0 168.2

174 110.8 0.0 208.4





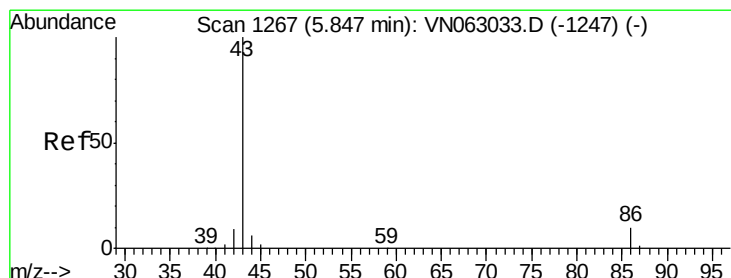
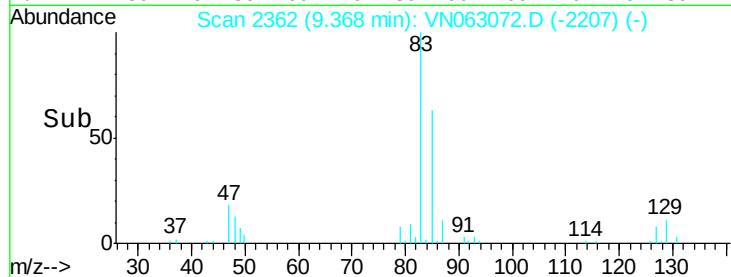
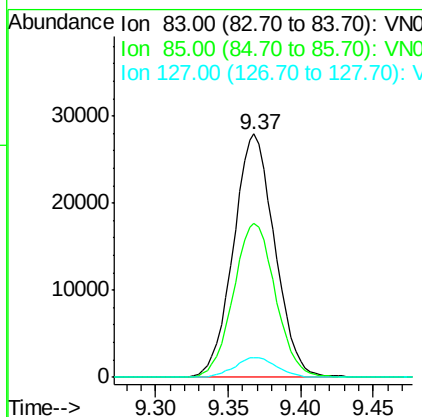
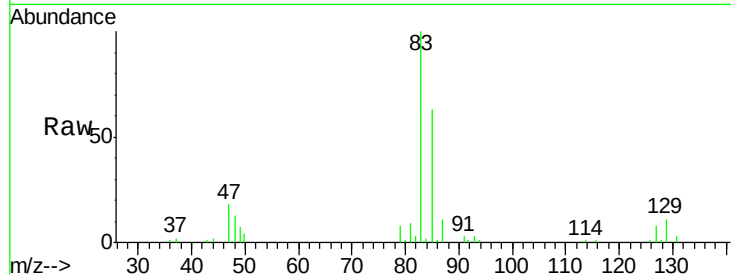
#41
 Bromodichloromethane
 Concen: 19.752 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	83	Resp	55235
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.6	79.0
127	8.2	7.4	11.0

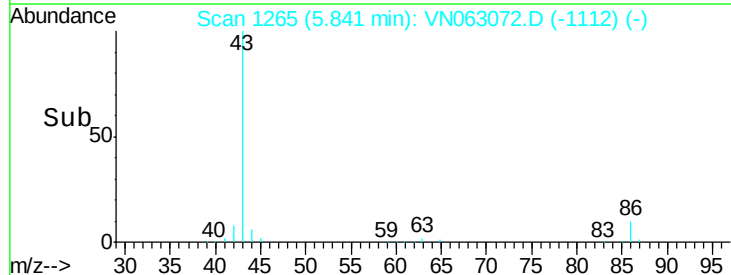
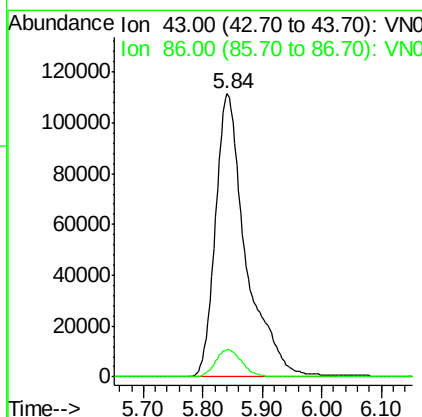
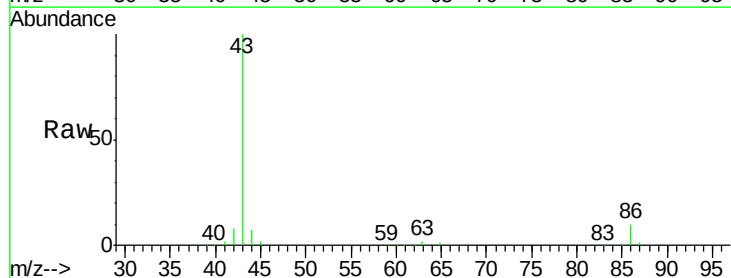
Manual Integrations
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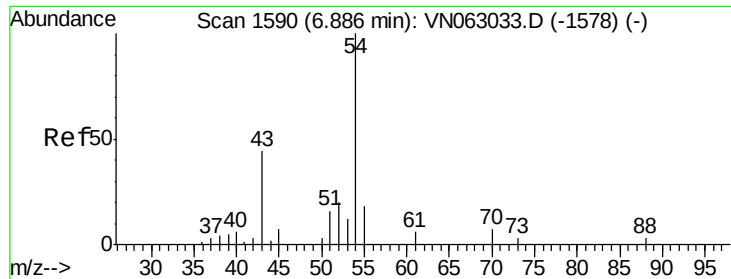
Sam
 8/24/2020 5:52:05 PM



#42
 Vinyl Acetate
 Concen: 96.503 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	43	Resp	397079
Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.7	10.1





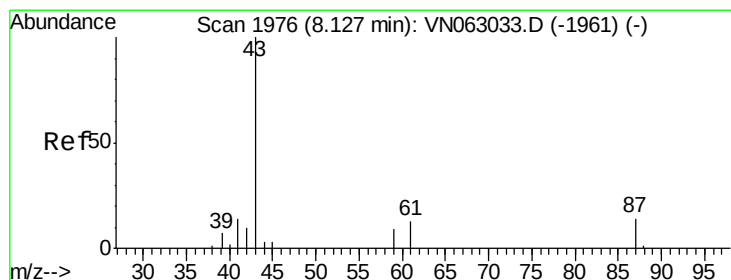
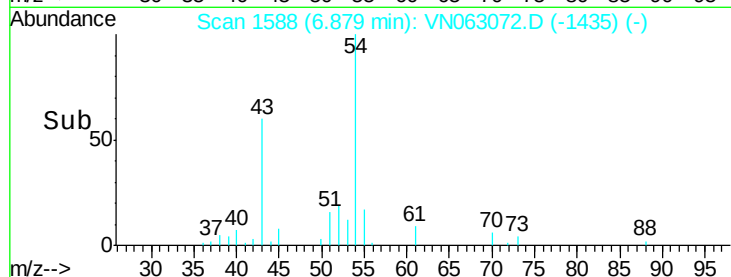
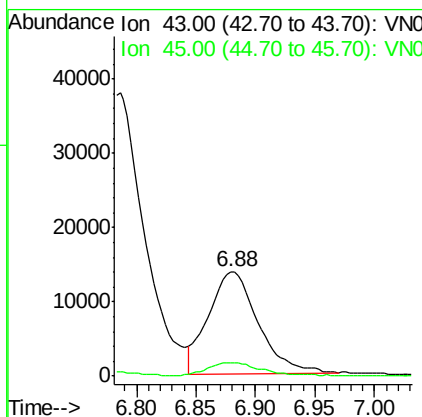
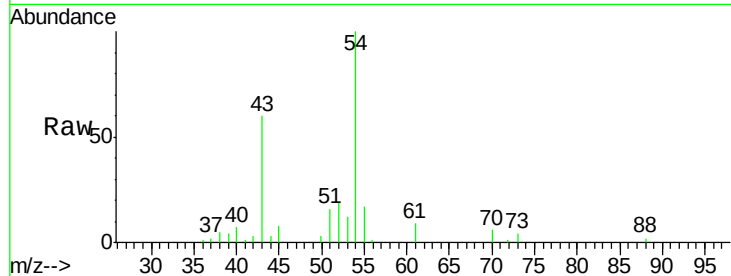
#43
Ethyl Acetate
Concen: 19.185 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	43	45	Ratio	Lower	Upper
39774	100	14.3		11.3	16.9

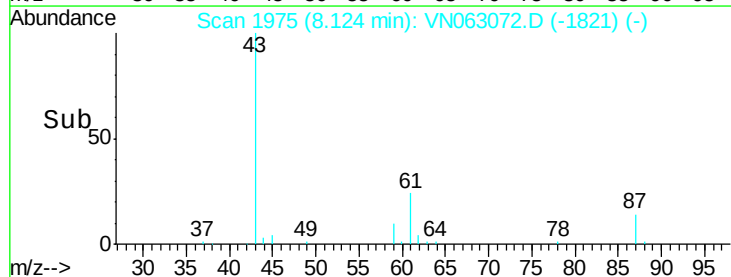
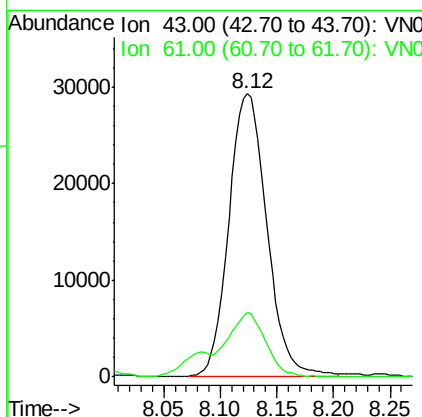
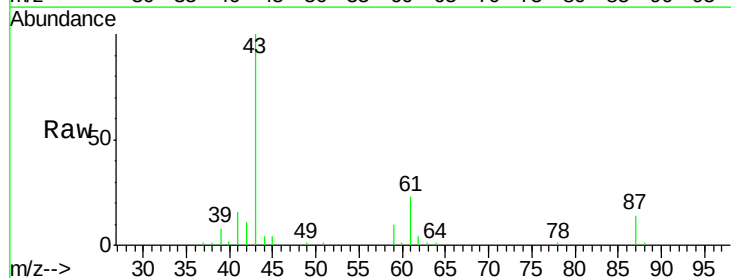
Manual Integrations
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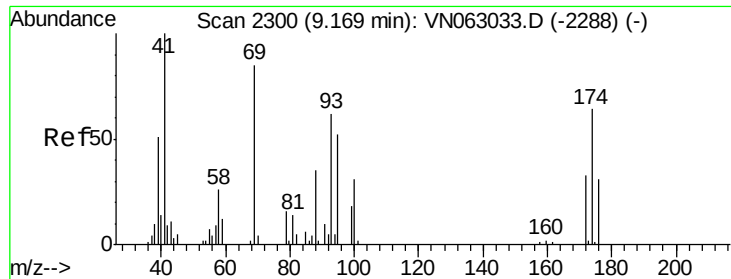
sam
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#44
Isopropyl Acetate
Concen: 19.788 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	43	61	Ratio	Lower	Upper
68870	100	22.1		17.5	26.3





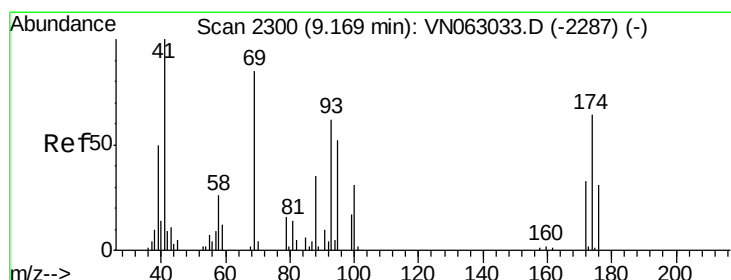
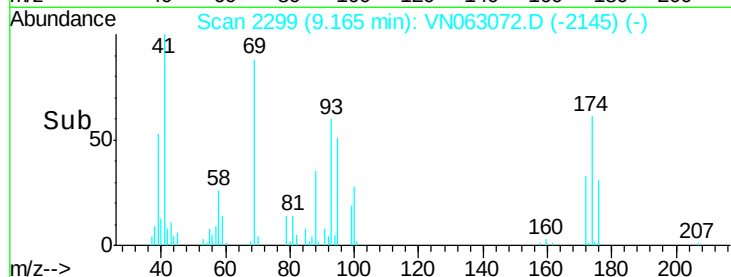
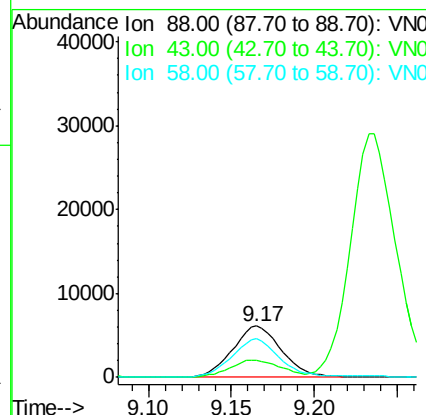
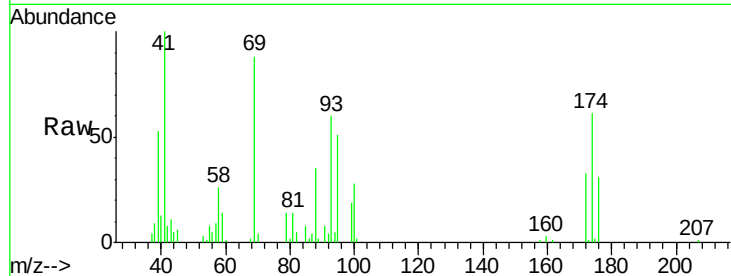
#45
 1,4-Dioxane
 Concen: 382.864 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	34.7	28.5	42.7	
58	74.2	59.6	89.4	

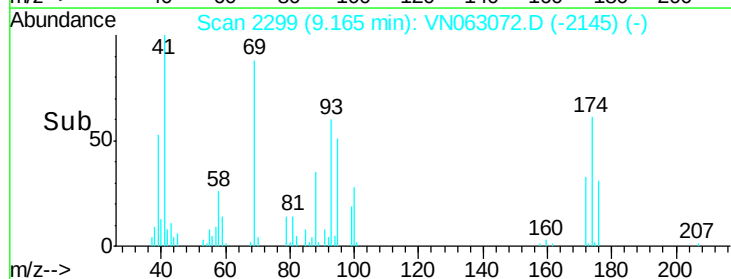
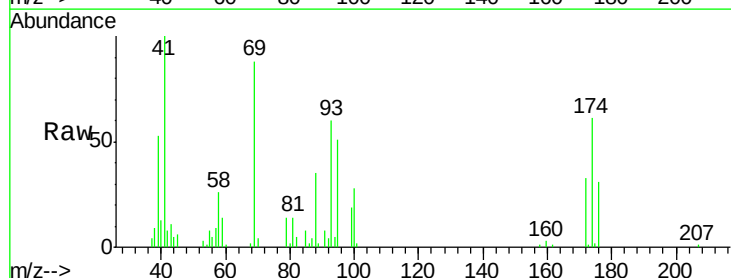
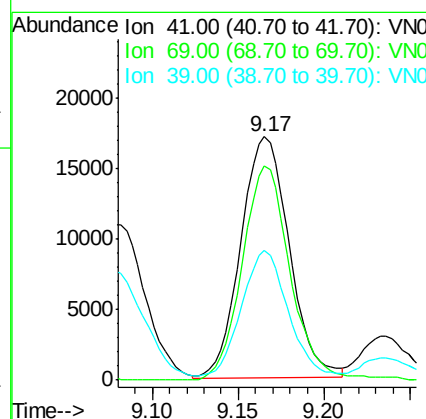
Manual Integrations
 APPROVED

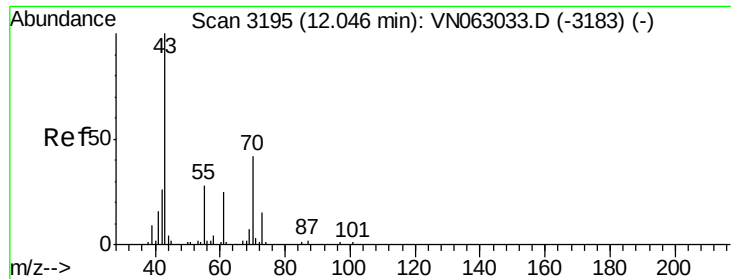
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#46
 Methyl methacrylate
 Concen: 19.657 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	89.3	42.6	128.0	
39	52.4	25.1	75.4	





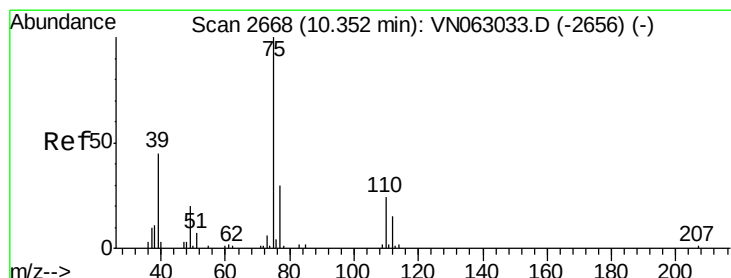
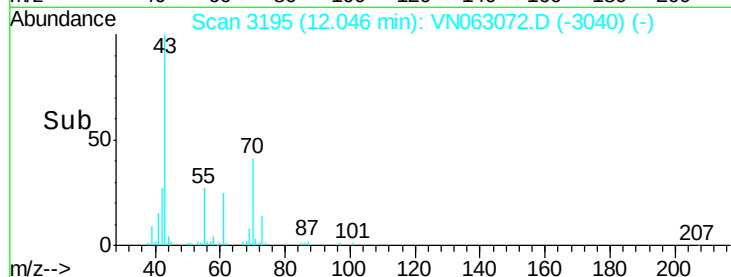
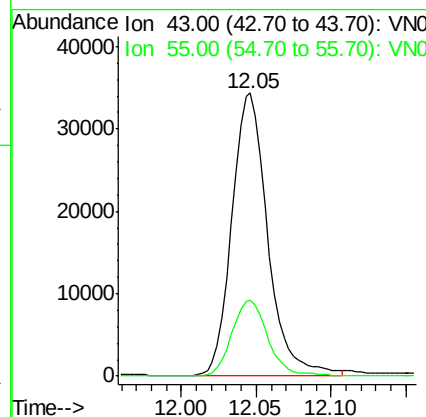
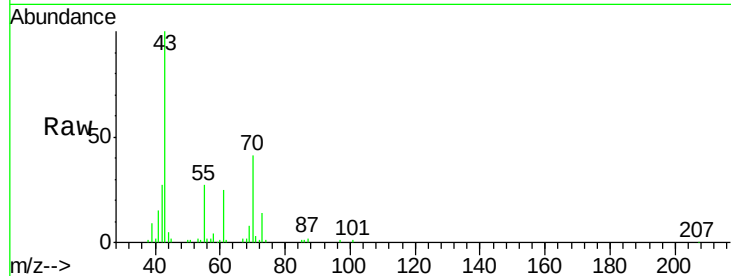
#47
n-amyl Acetate
Concen: 18.626 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
55	26.9	21.2	31.8

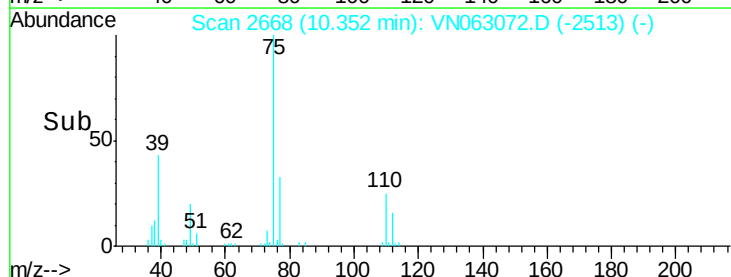
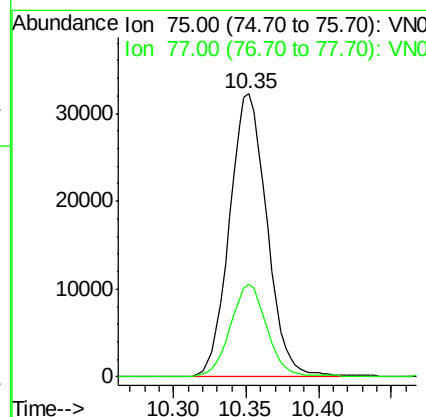
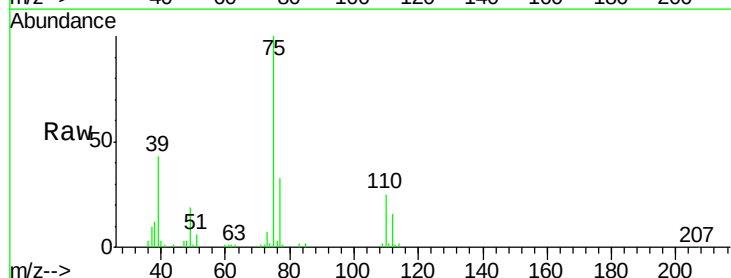
Manual Integrations
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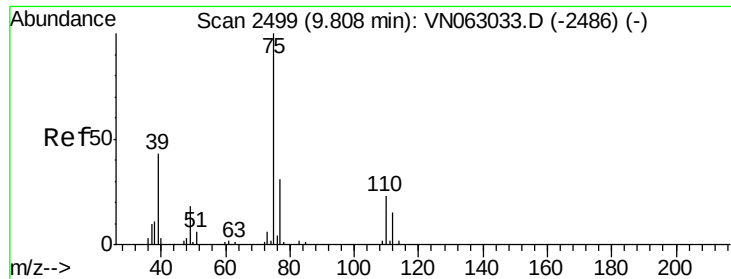
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#48
t-1,3-Dichloropropene
Concen: 19.518 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	23.8	35.8





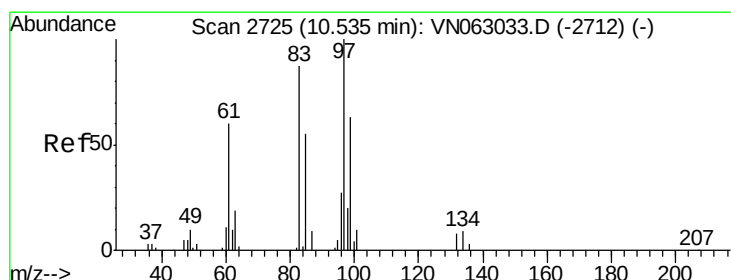
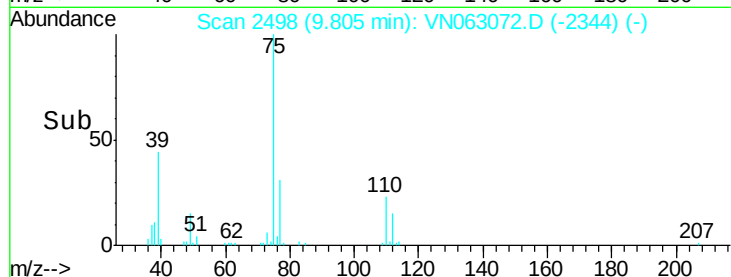
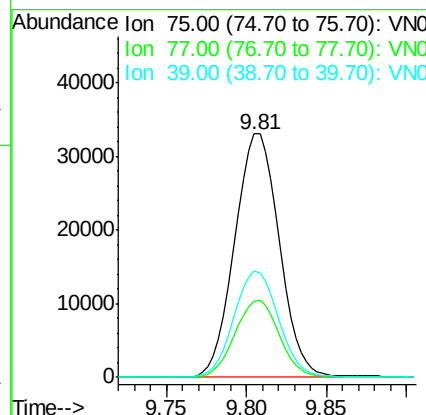
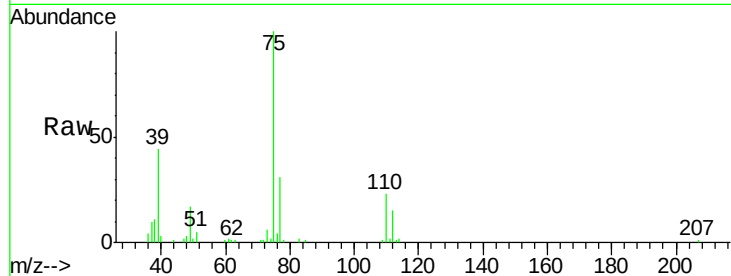
#49
 cis-1,3-Dichloropropene
 Concen: 19.598 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

Tot Ion:	75	Resp:	63004
Ion Ratio	Lower	Upper	
75	100		
77	31.3	24.8	37.2
39	43.7	34.5	51.7

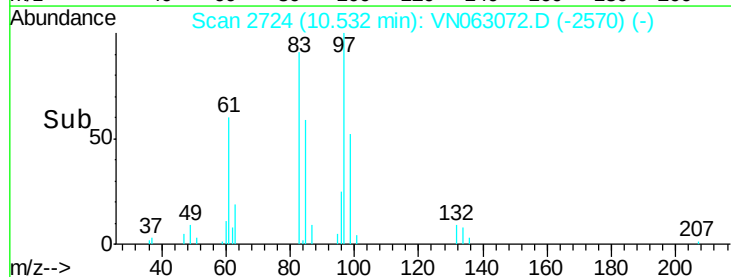
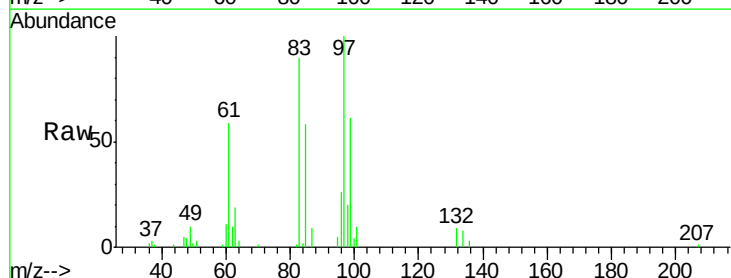
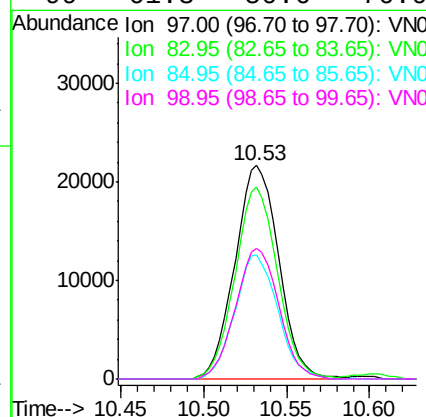
Manual Integrations
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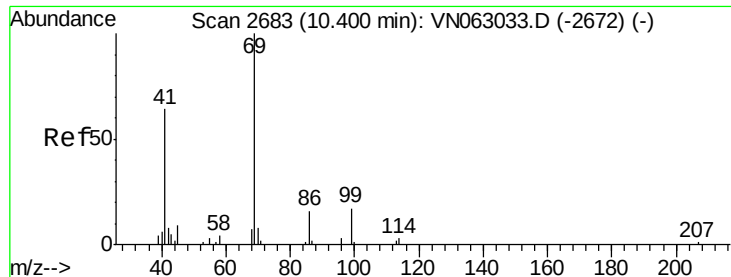
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#50
 1,1,2-Trichloroethane
 Concen: 20.557 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion:	97	Resp:	39998
Ion Ratio	Lower	Upper	
97	100		
83	89.8	69.9	104.9
85	57.9	44.0	66.0
99	61.3	50.6	76.0





#51

Ethyl methacrylate

Concen: 19.129 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

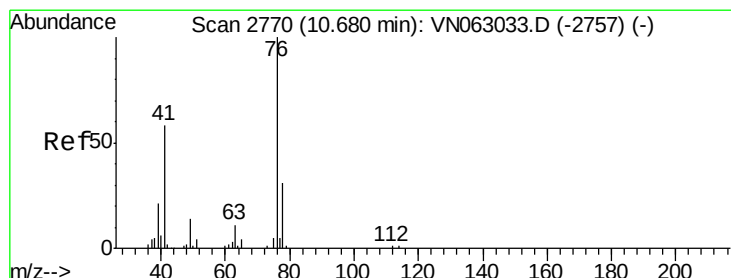
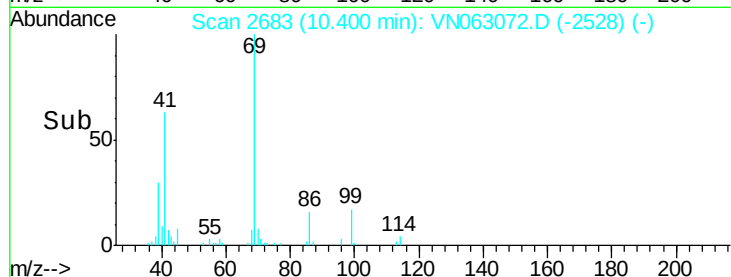
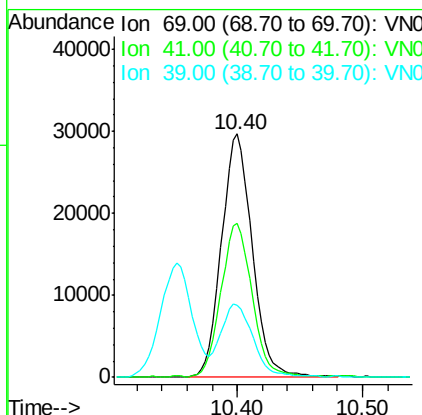
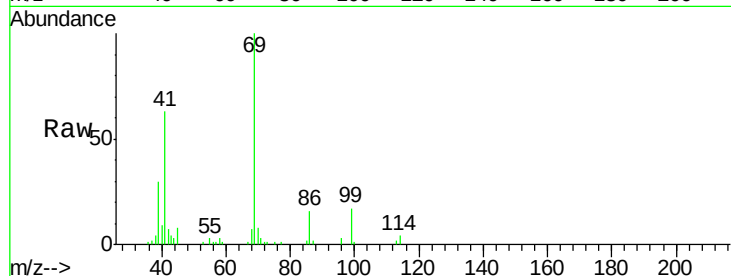
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	50637
Ion	Ratio	Lower	Upper
69	100		
41	63.2	32.1	96.5
39	29.2	16.1	48.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.207 ug/l

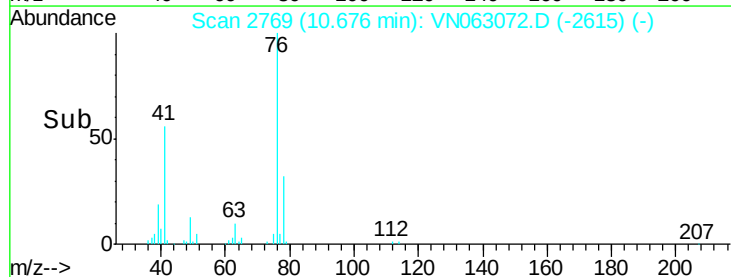
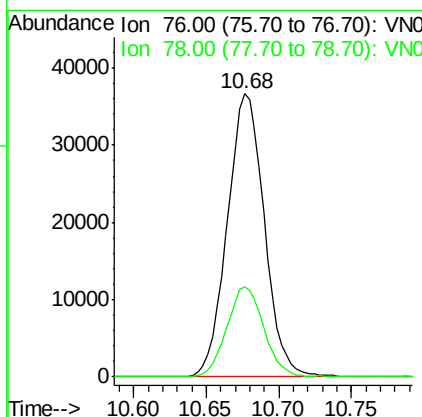
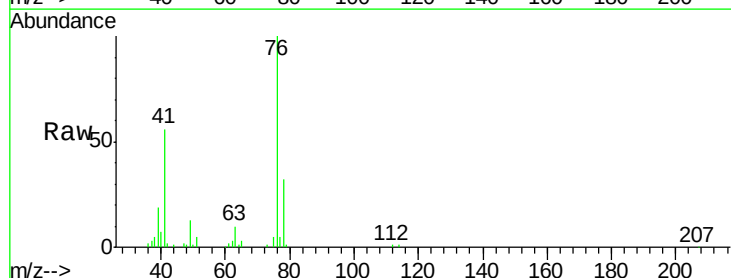
RT: 10.68 min Scan# 2769

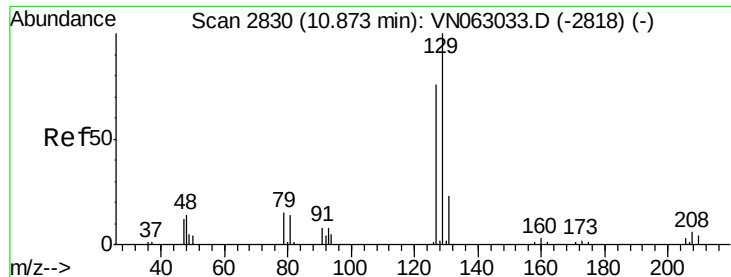
Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Tgt Ion:	76	Resp:	64957
Ion	Ratio	Lower	Upper
76	100		
78	31.6	0.0	63.2





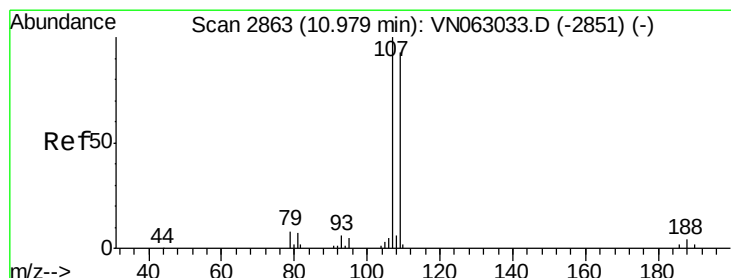
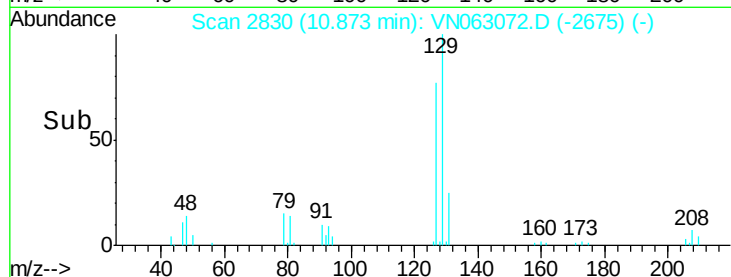
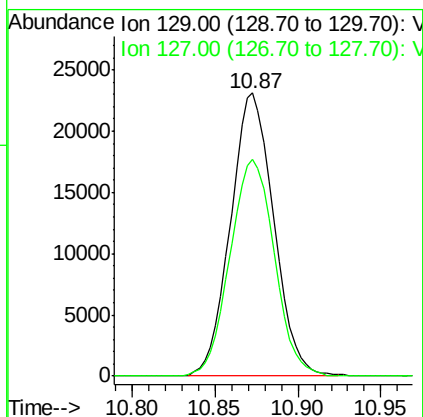
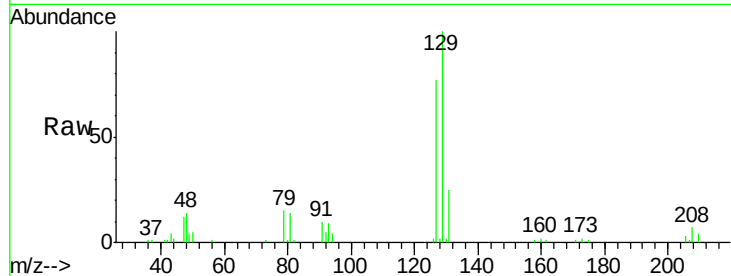
#53
 Dibromochloromethane
 Concen: 19.633 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:129 Resp: 41918
 Ion Ratio Lower Upper
 129 100
 127 78.4 38.7 116.1

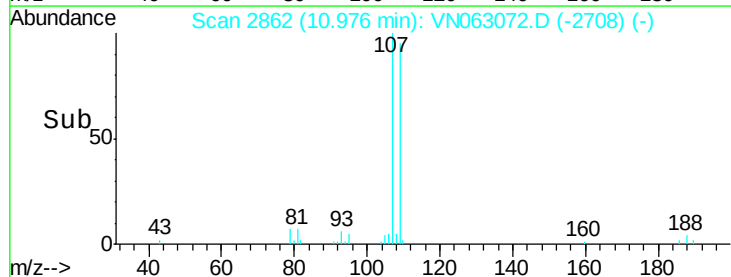
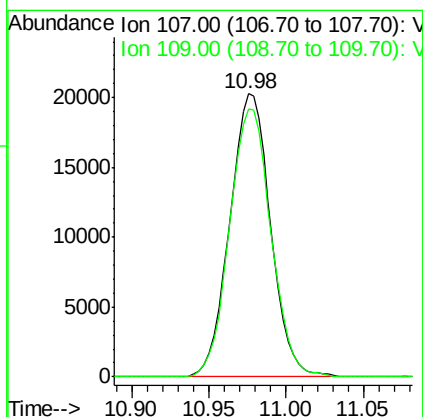
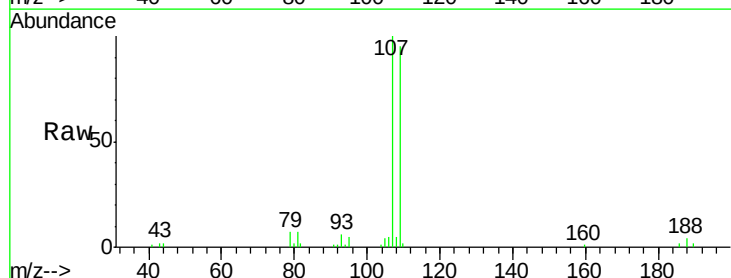
Manual Integrations
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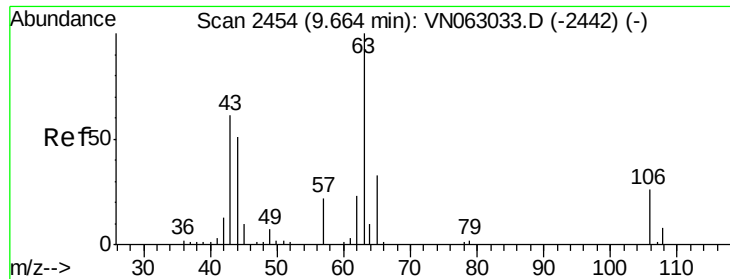
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#54
 1,2-Dibromoethane
 Concen: 19.821 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion:107 Resp: 36996
 Ion Ratio Lower Upper
 107 100
 109 96.4 76.3 114.5





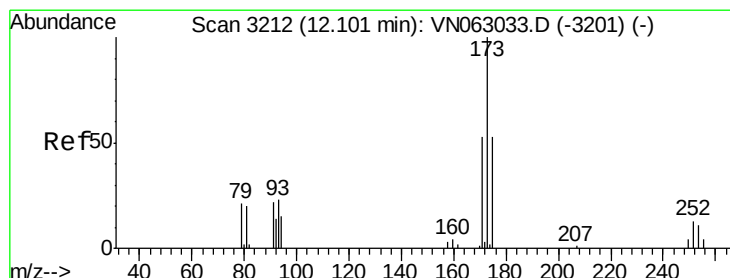
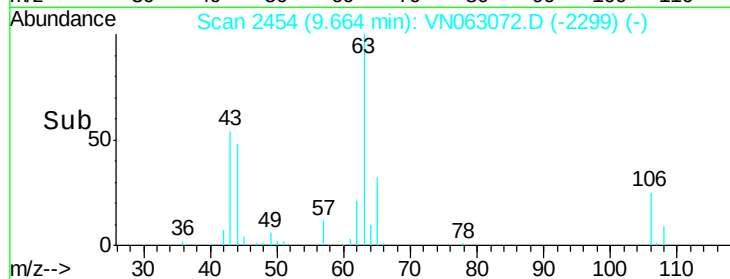
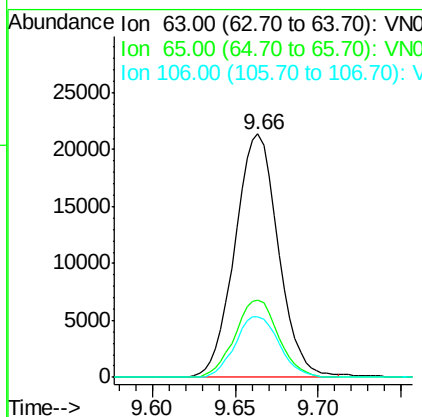
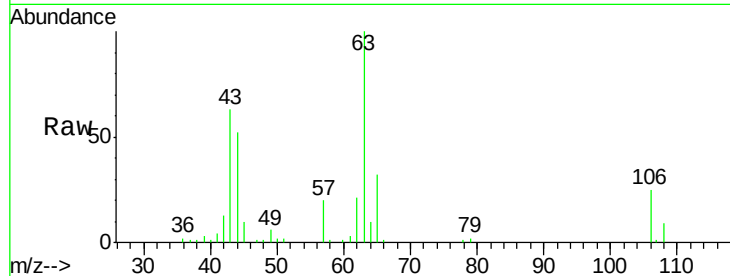
#55
2-Chloroethyl vinyl ether
Concen: 71.783 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.9	38.9
106	25.3	19.9	29.9

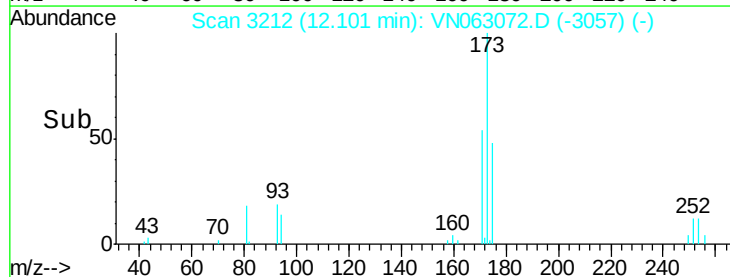
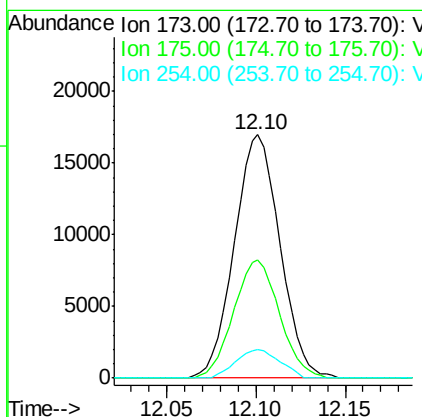
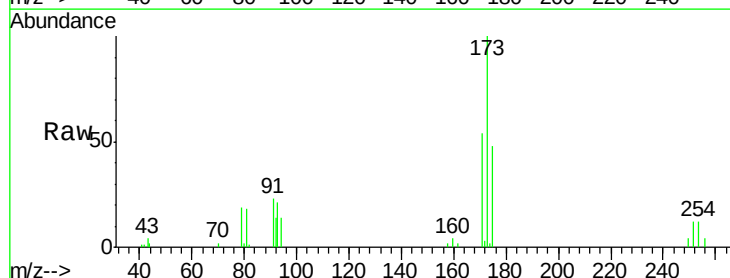
Manual Integrations
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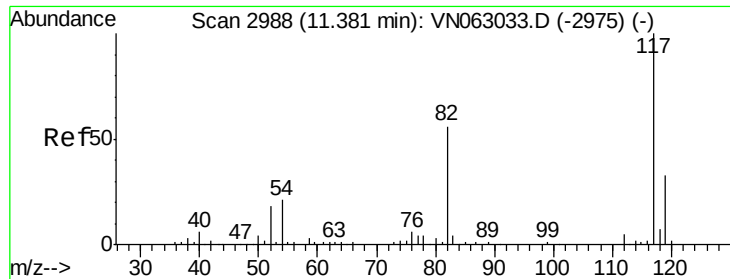
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#56
Bromoform
Concen: 19.341 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	41.2	61.8
254	11.2	9.0	13.4





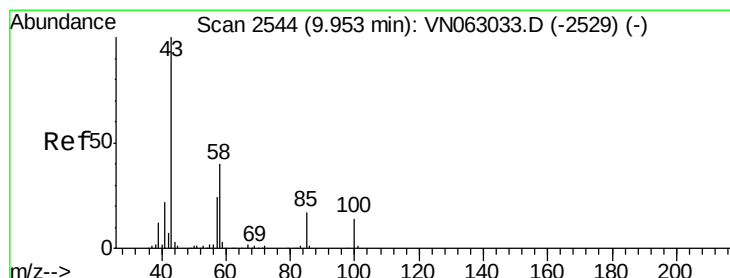
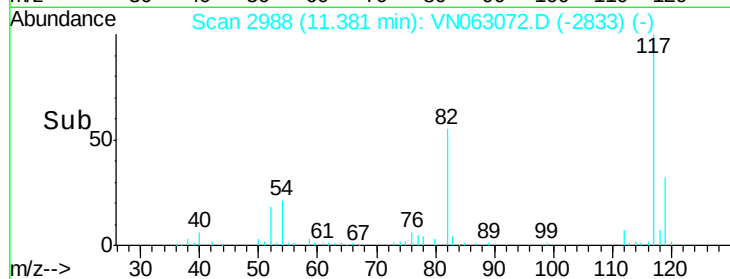
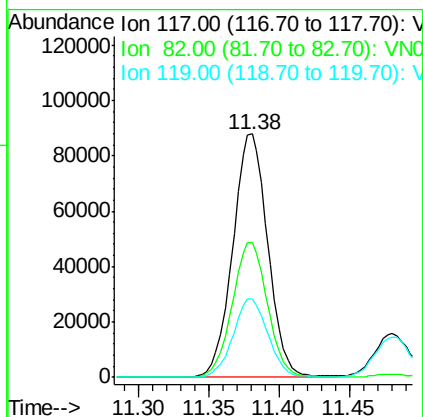
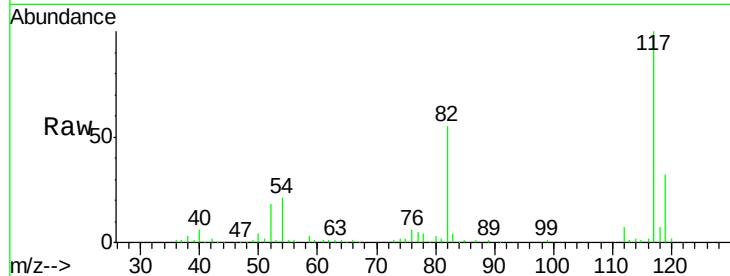
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.9	67.3
119	32.2	26.0	39.0

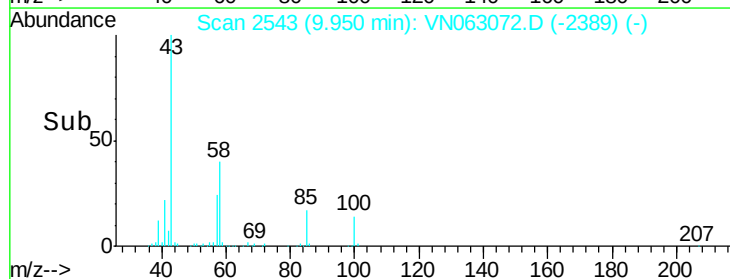
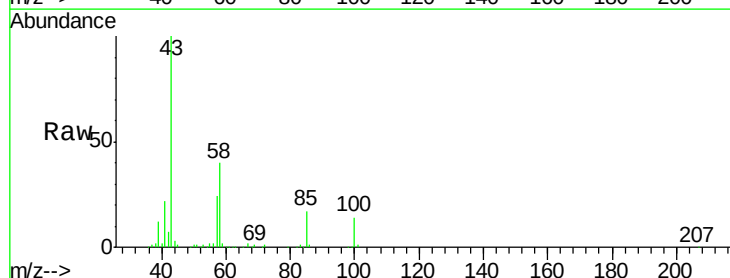
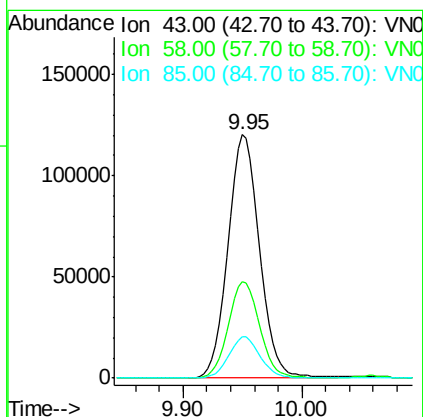
Manual Integrations
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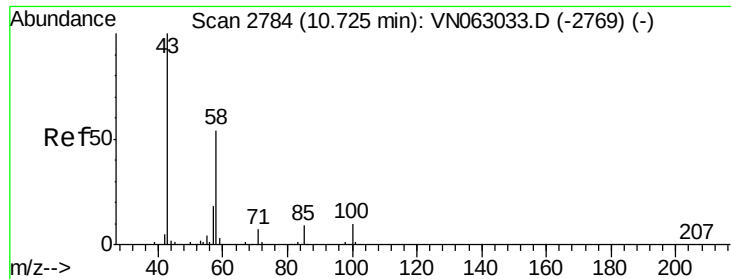
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#58
4-Methyl-2-Pentanone
Concen: 100.654 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.4	47.0
85	16.8	13.4	20.2





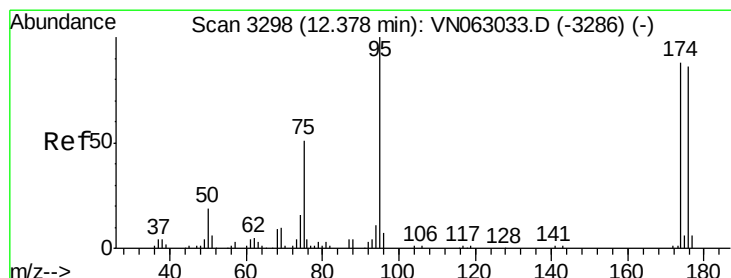
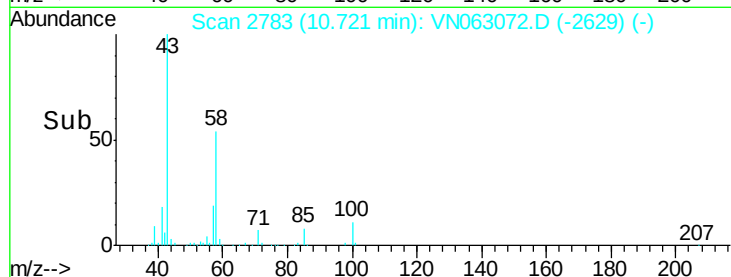
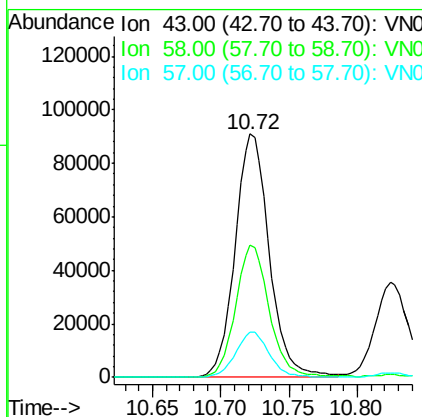
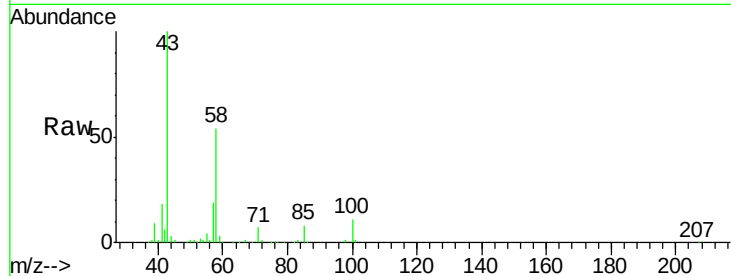
#59
2-Hexanone
Concen: 101.002 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.8	42.6	64.0
57	18.4	14.6	21.8

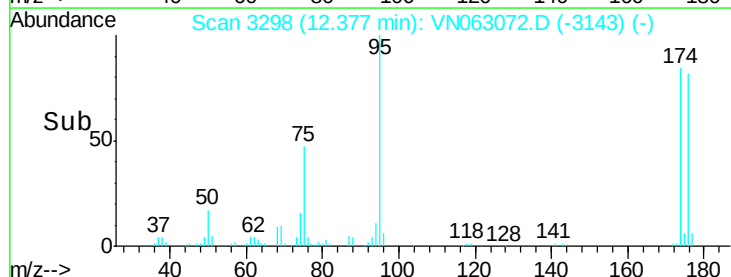
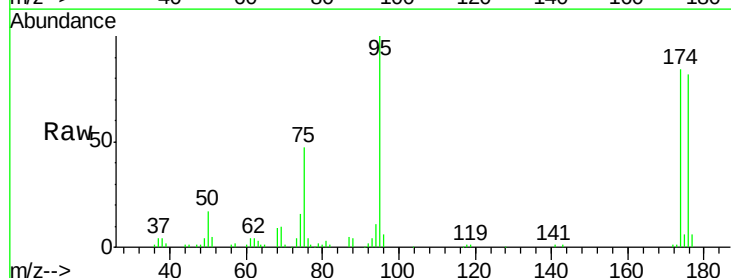
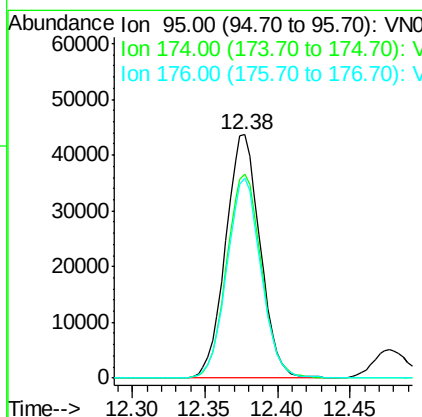
Manual Integrations
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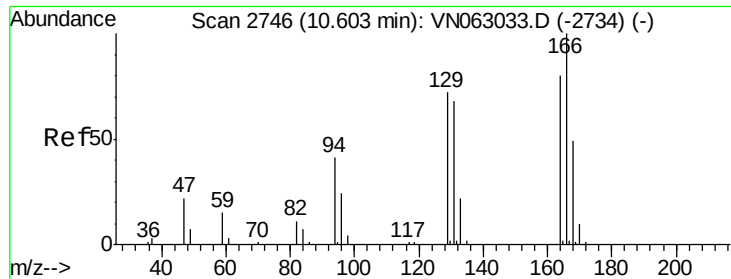
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#60
4-Bromofluorobenzene
Concen: 29.994 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.2	70.1	105.1
176	81.2	66.8	100.2





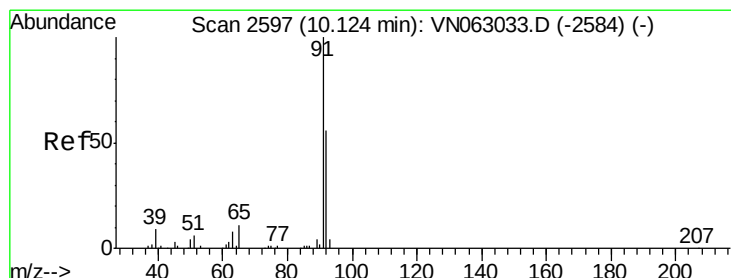
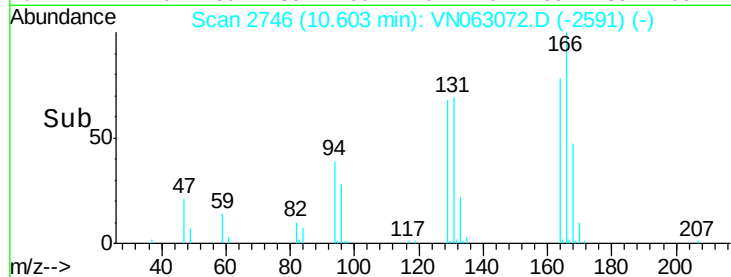
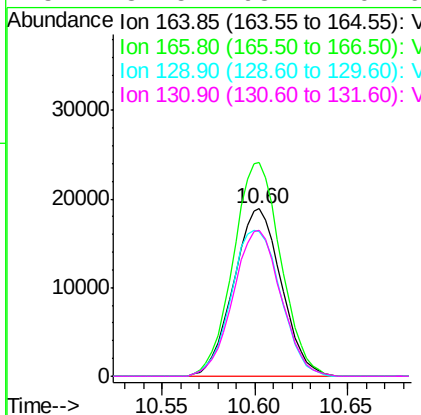
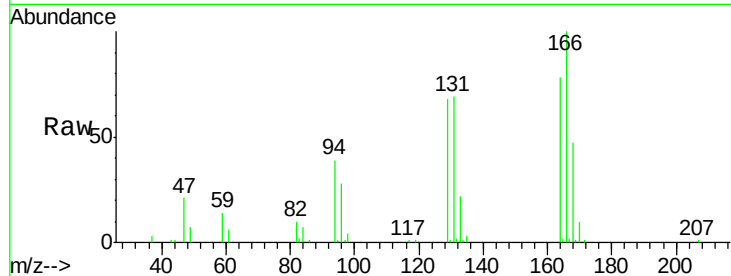
#61
Tetrachloroethene
 Concen: 20.216 ug/l
 RT: 10.60 min Scan# 2746
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:	164	Resp:	33855
Ion Ratio	Lower	Upper	
164	100		
166	127.7	100.1	150.1
129	86.3	72.5	108.7
131	87.5	68.4	102.6

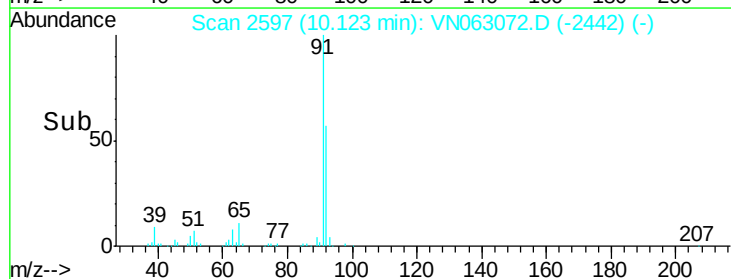
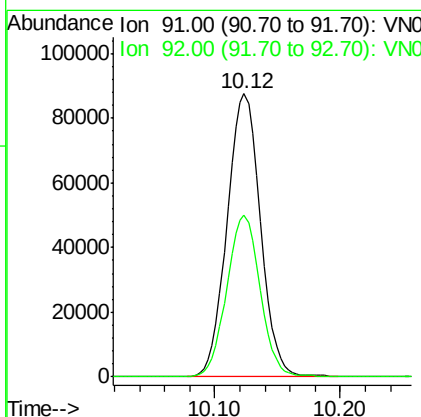
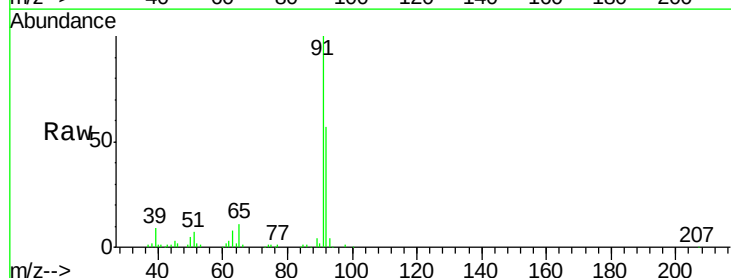
Manual Integrations
 APPROVED

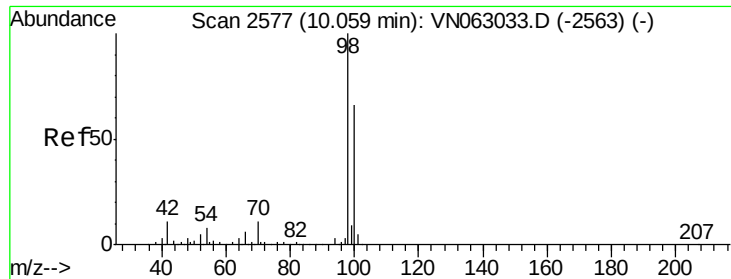
sam
 8/24/2020 5:52:05 PM



#62
Toluene
 Concen: 20.020 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion:	91	Resp:	162082
Ion Ratio	Lower	Upper	
91	100		
92	56.8	45.5	68.3





#63

Toluene-d8

Concen: 30.046 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 210643

Ion Ratio Lower Upper

98 100

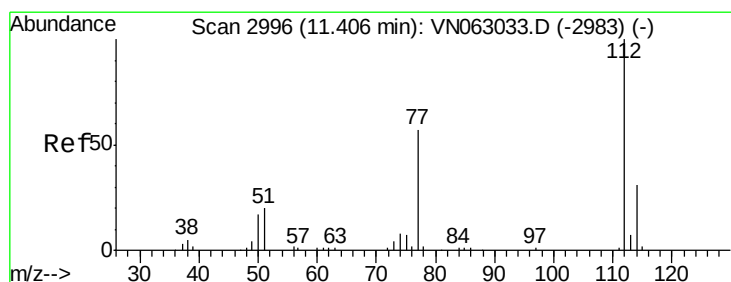
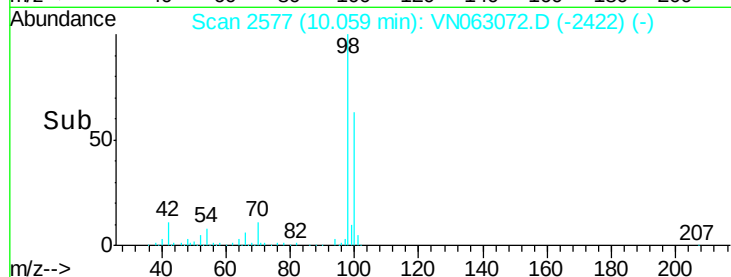
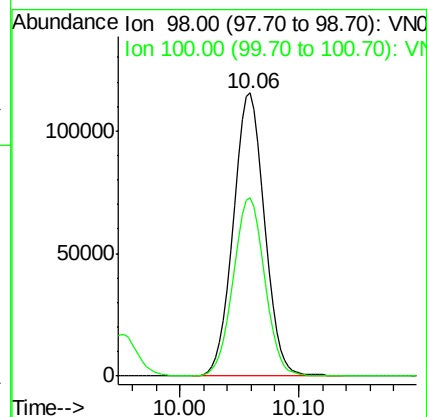
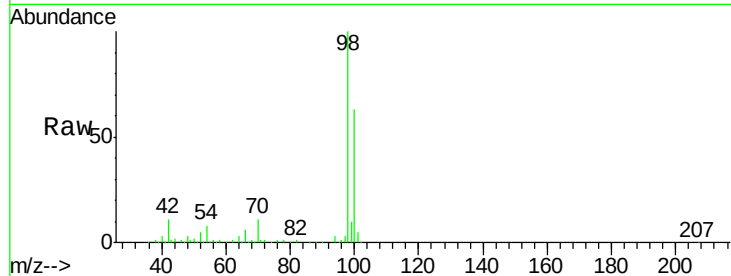
100 63.5 51.4 77.2

Manual Integrations

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#64

Chlorobenzene

Concen: 20.054 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN063072.D

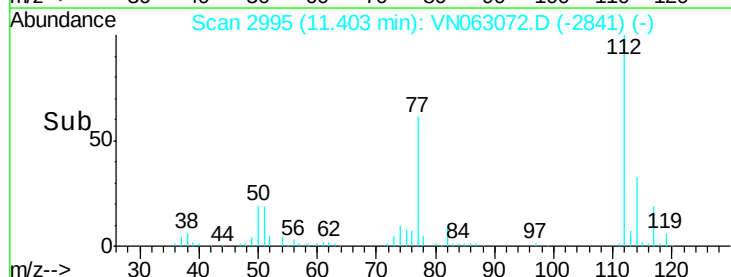
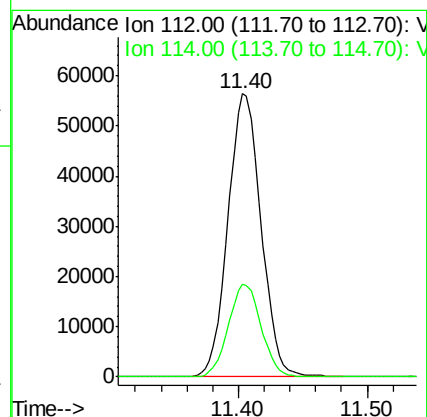
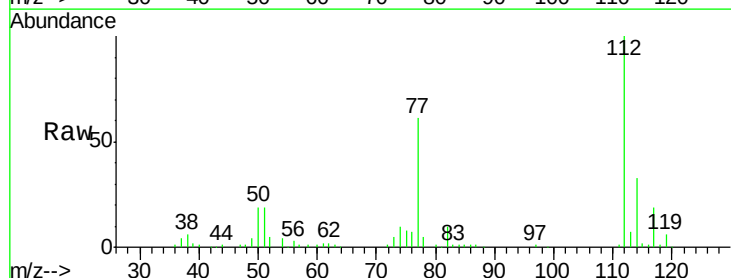
Acq: 21 Aug 2020 11:16

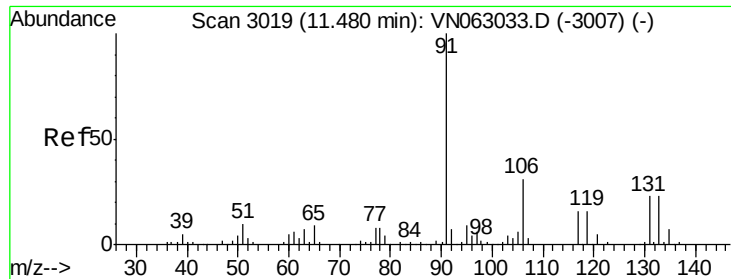
Tgt Ion: 112 Resp: 100460

Ion Ratio Lower Upper

112 100

114 32.6 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 19.705 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

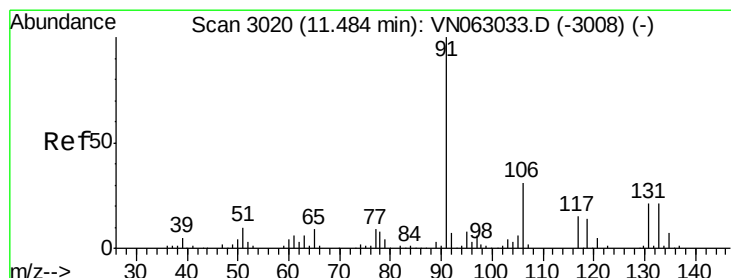
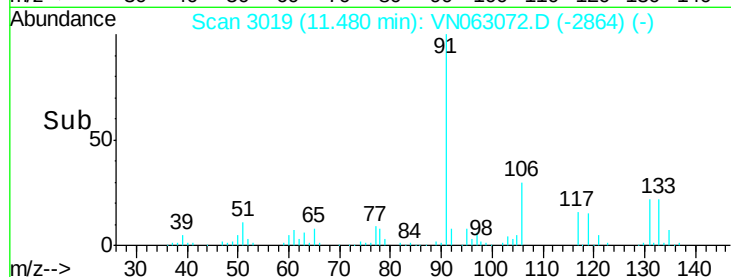
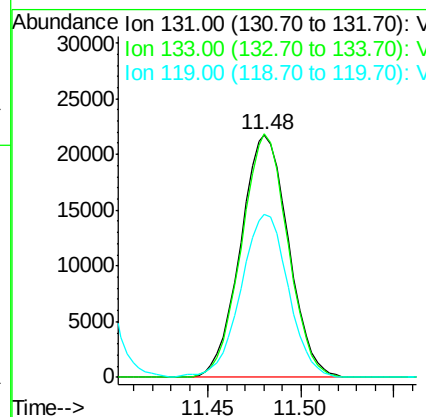
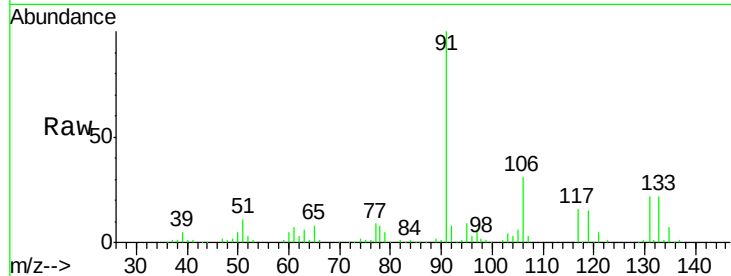
ClientSampled :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	39125		
133	97.1	0.0	191.2	
119	66.7	0.0	134.2	

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.498 ug/l

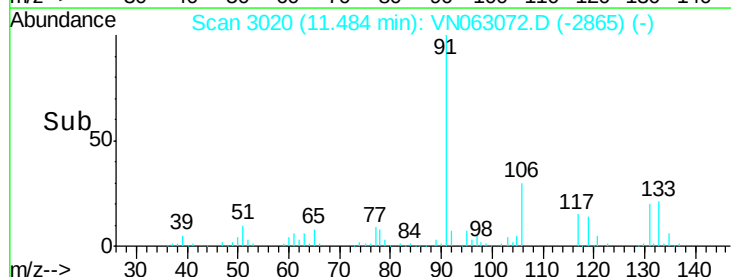
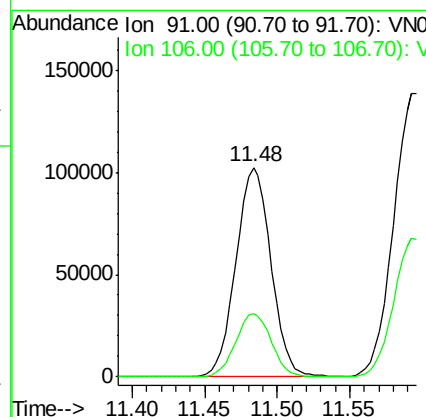
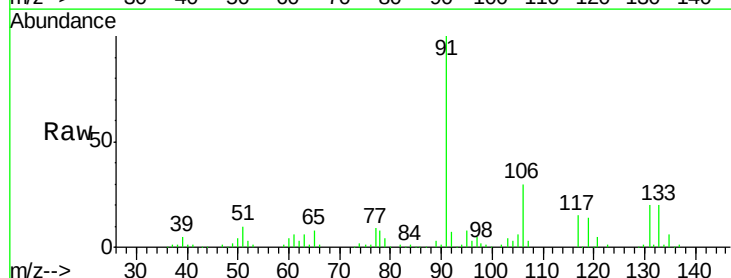
RT: 11.48 min Scan# 3020

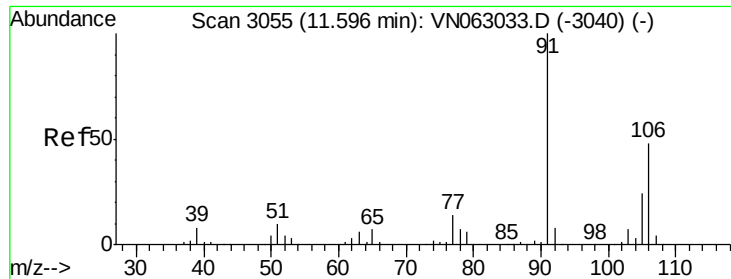
Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	172076		
106	30.4	25.0	37.4	





#67

m/p-Xylenes

Concen: 39.983 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 132191

Ion Ratio Lower Upper

106 100

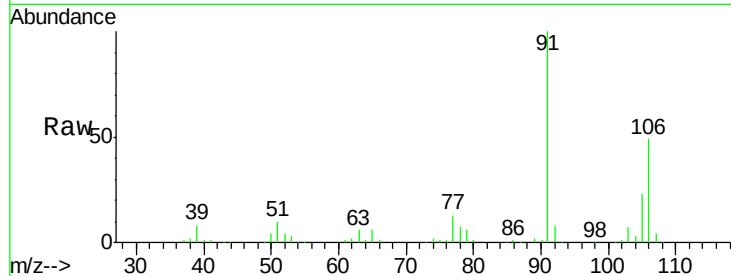
91 204.7 164.9 247.3

Manual Integrations

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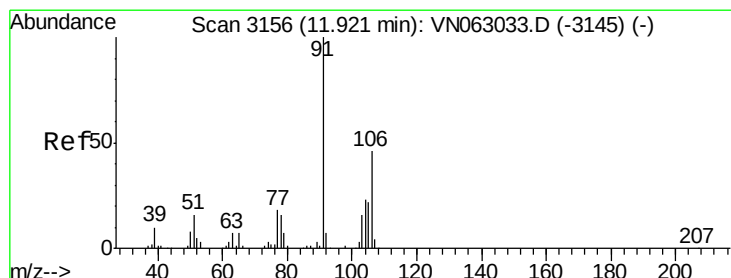
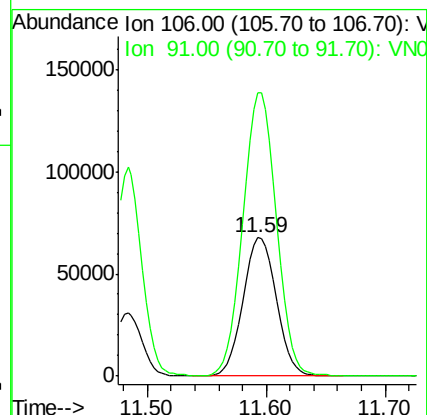
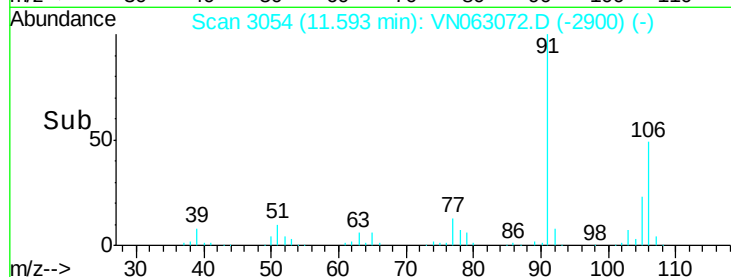
sam

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 19.727 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN063072.D

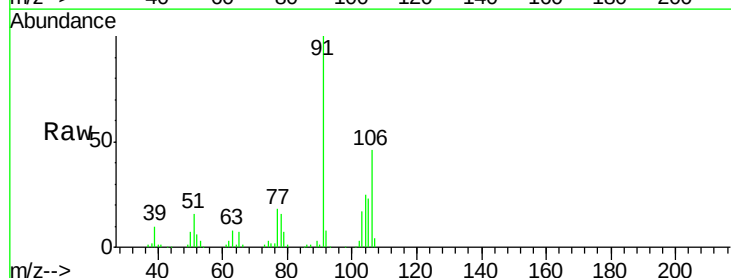
Acq: 21 Aug 2020 11:16

Tgt Ion:106 Resp: 62651

Ion Ratio Lower Upper

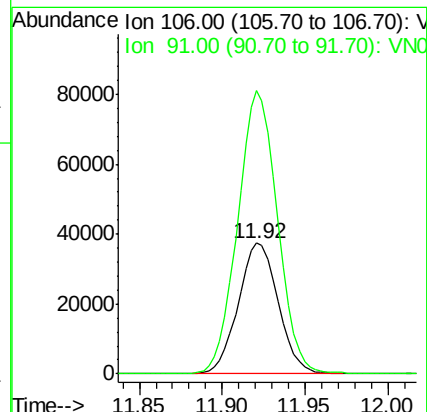
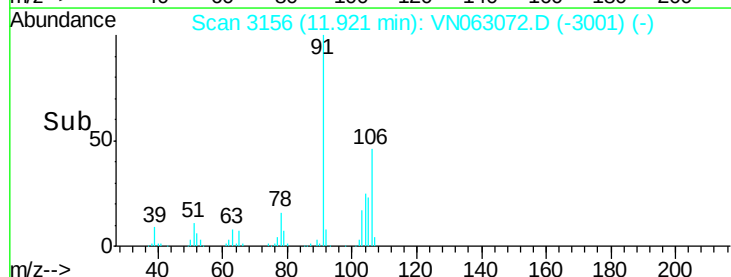
106 100

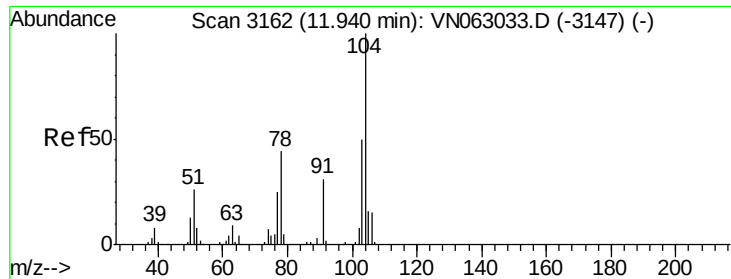
91 216.0 108.0 324.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





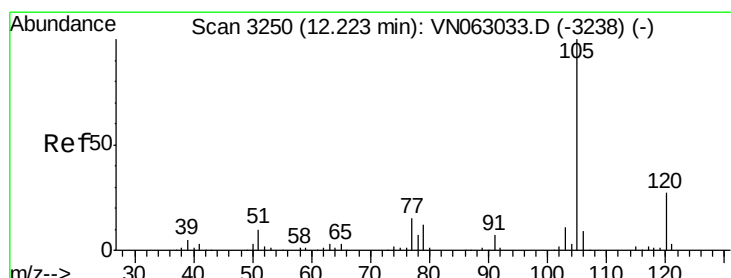
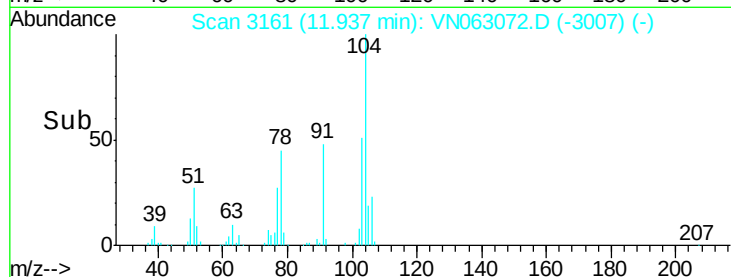
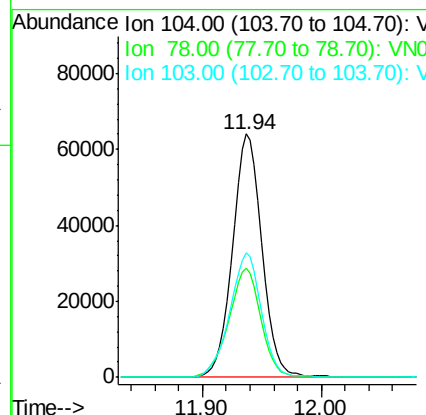
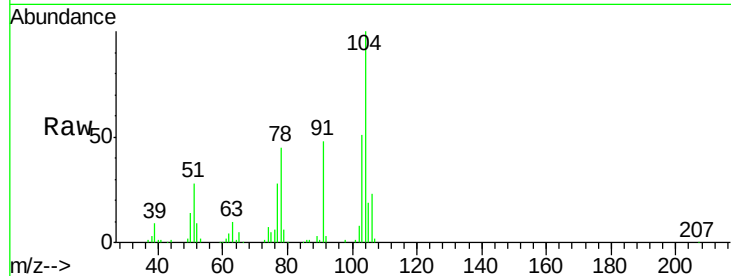
#69
Stvrene
Concen: 19.820 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.6	59.4
103	54.6	44.4	66.6

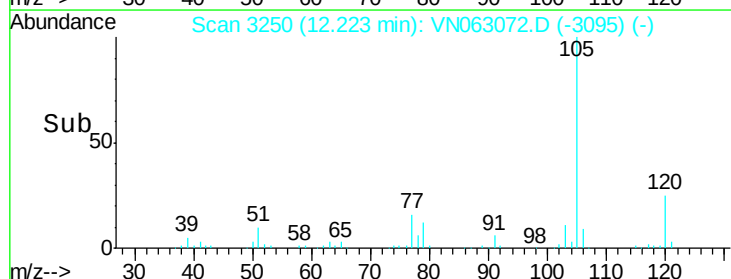
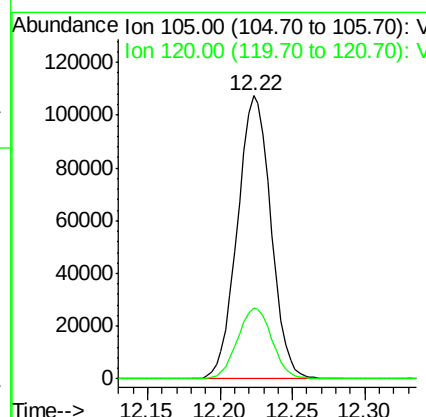
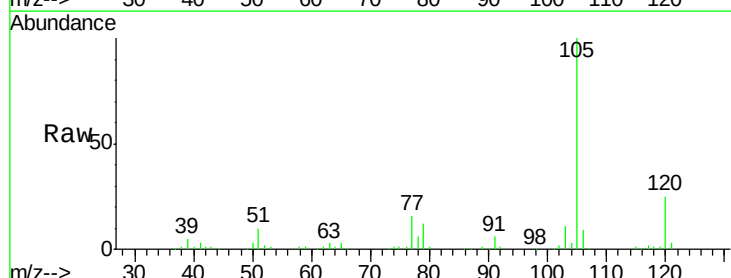
Manual Integrations
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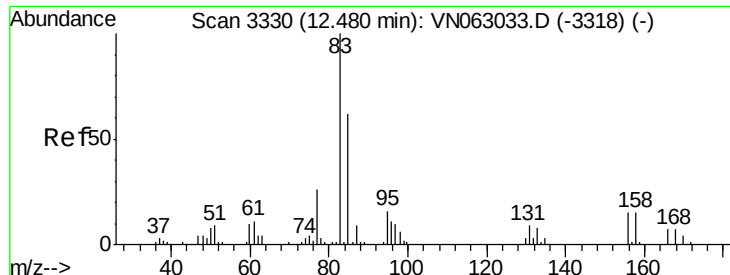
sam
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#70
Isopropylbenzene
Concen: 19.971 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	18.5	34.3





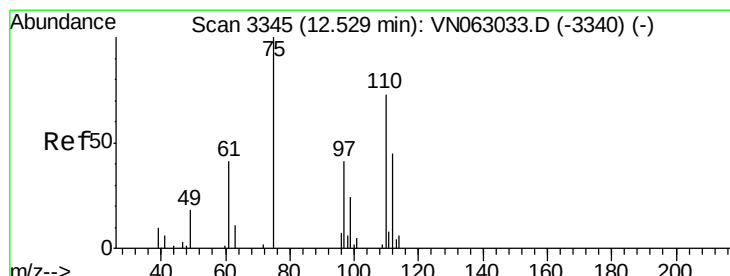
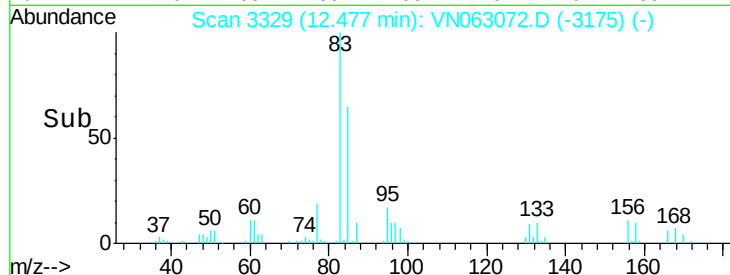
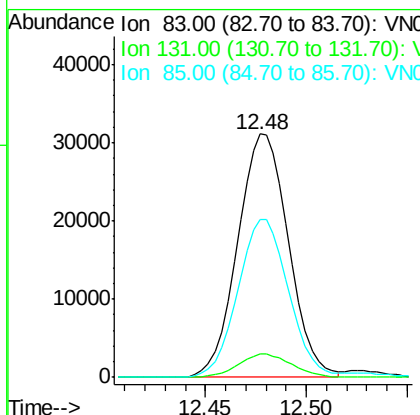
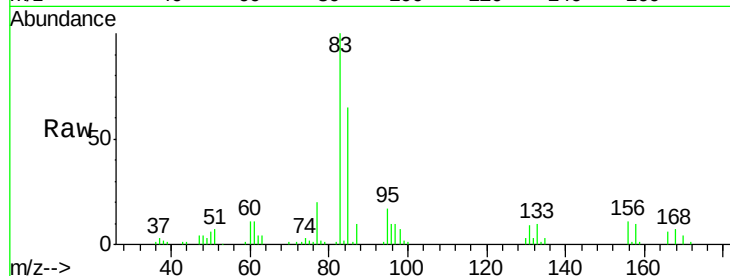
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.776 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	83	Resp	54789
Ion Ratio	100	Lower	Upper
83	100		
131	9.9	4.5	13.7
85	64.8	31.8	95.3

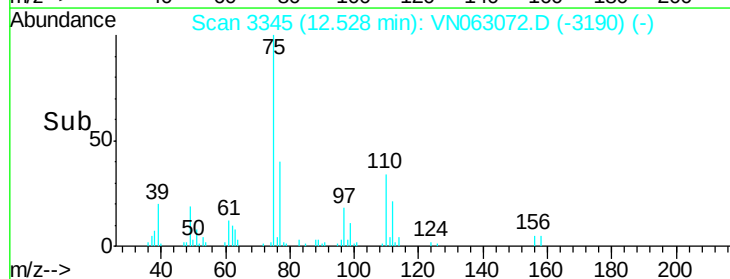
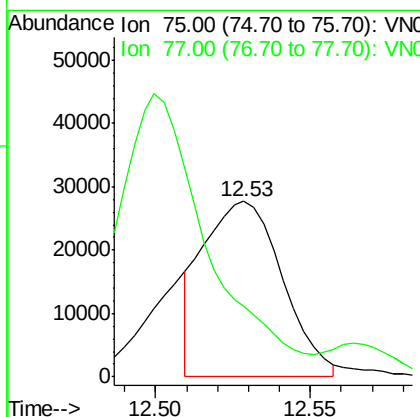
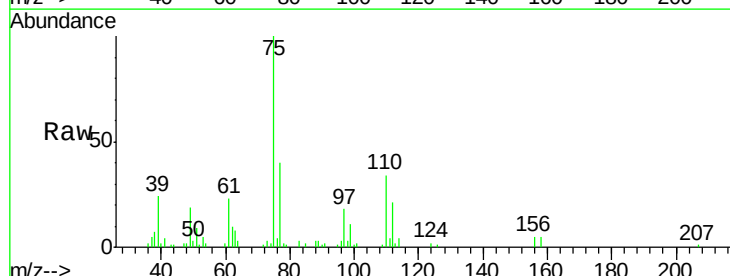
Manual Integrations
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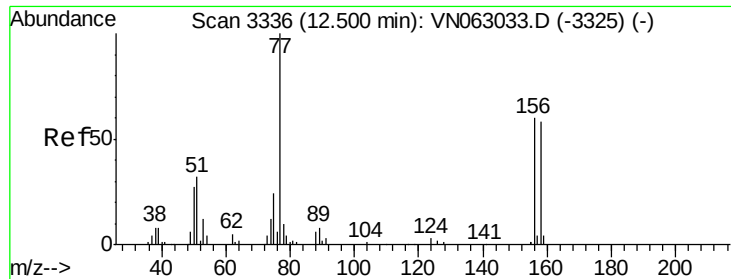
sam
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#72
 1,2,3-Trichloropropane
 Concen: 20.086 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	75	Resp	49379
Ion Ratio	100	Lower	Upper
75	100		
77	185.3	0.0	387.8





#73

Bromobenzene

Concen: 19.602 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

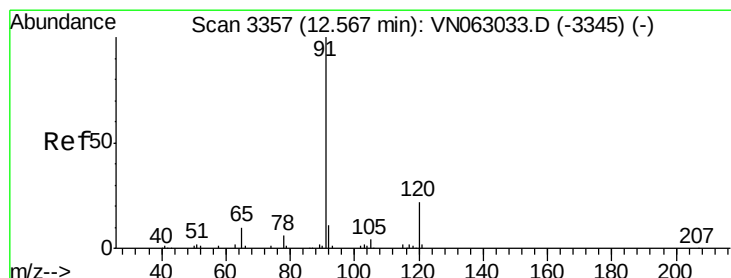
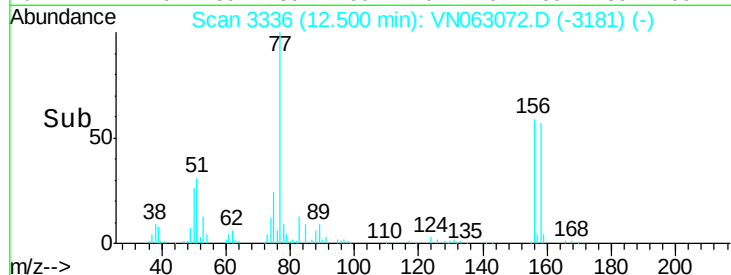
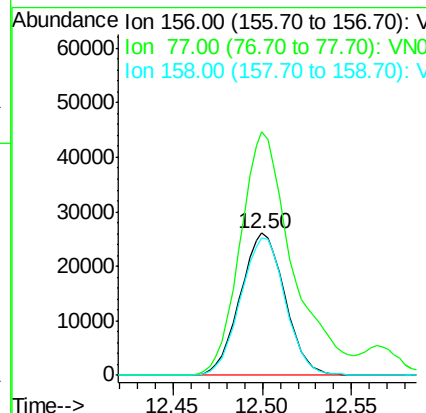
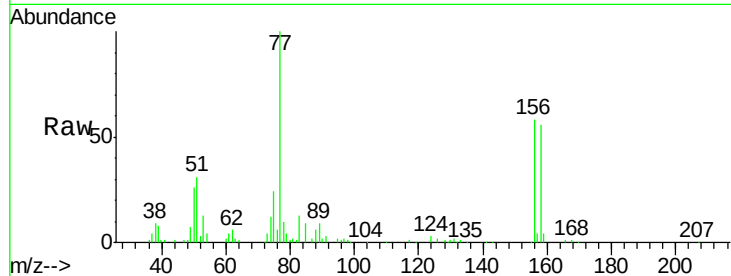
ClientSampled :

VSTDCCC020

Tot Ion:	156	Resp:	45670
Ion	Ratio	Lower	Upper
156	100		
77	200.3	0.0	398.6
158	96.6	0.0	195.4

Manual Integrations
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#74

n-propylbenzene

Concen: 19.471 ug/l

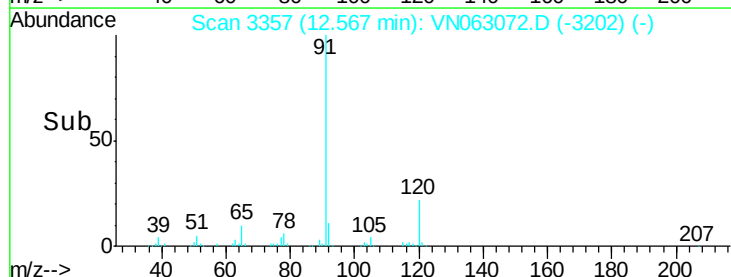
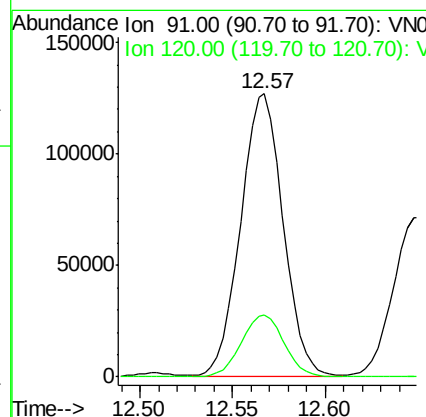
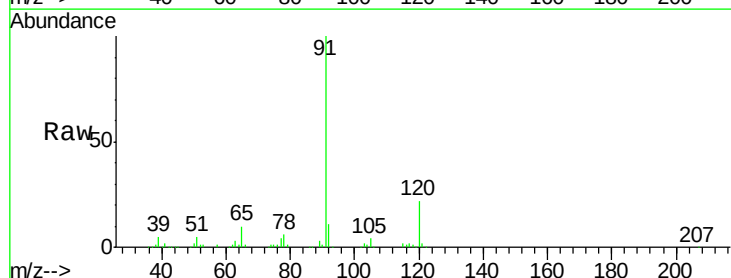
RT: 12.57 min Scan# 3357

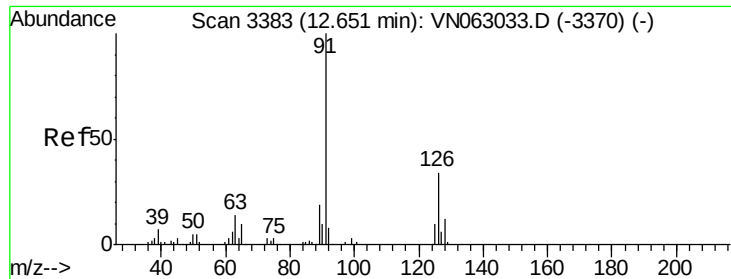
Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Tgt Ion:	91	Resp:	201787
Ion	Ratio	Lower	Upper
91	100		
120	22.0	0.0	44.0





#75

2-Chlorotoluene

Concen: 19.570 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 120879

Ion Ratio Lower Upper

91 100

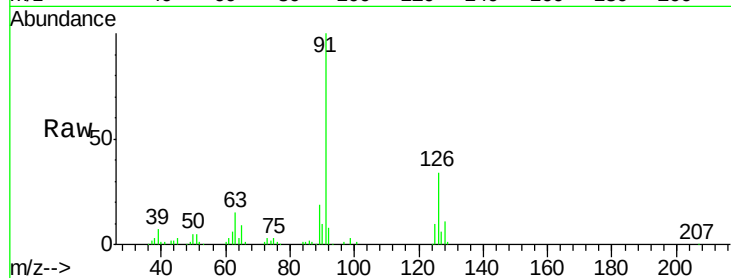
126 34.1 0.0 68.0

Manual Integrations

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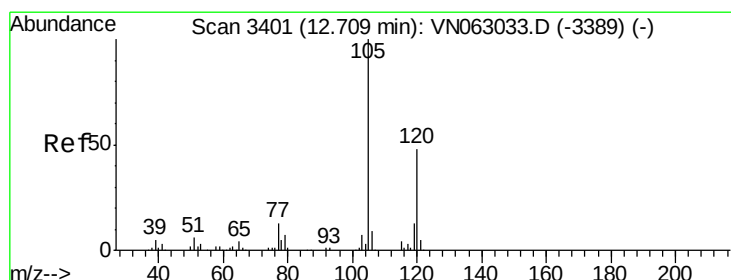
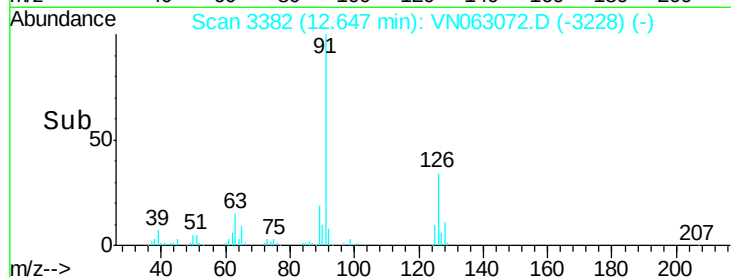
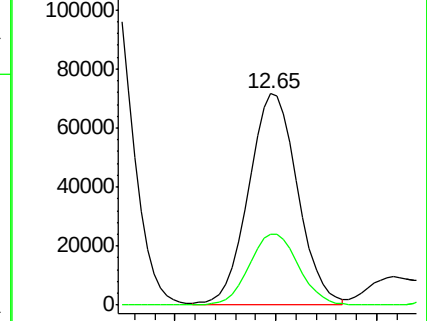
sam

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Abundance Ion 91.00 (90.70 to 91.70): VN063033.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN063033.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.650 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN063072.D

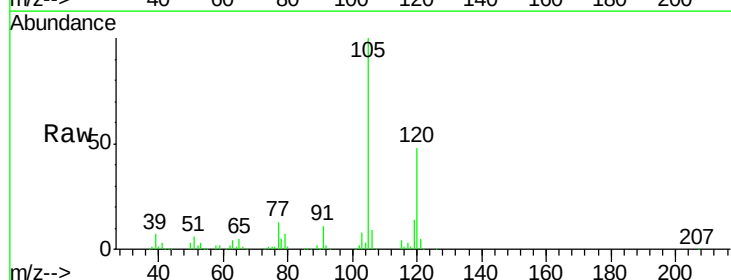
Acq: 21 Aug 2020 11:16

Tgt Ion: 105 Resp: 144875

Ion Ratio Lower Upper

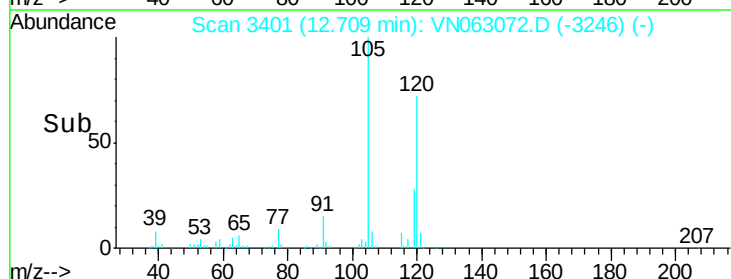
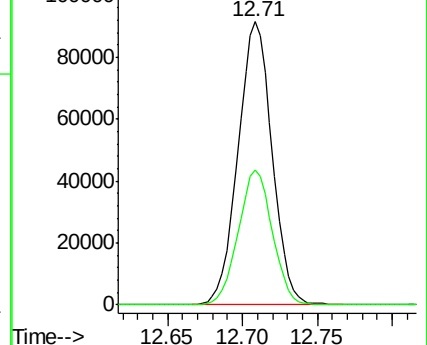
105 100

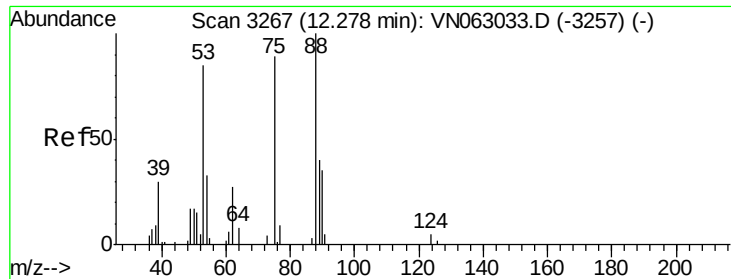
120 47.6 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN063033.D (-3389) (-)

Ion 120.00 (119.70 to 120.70): VN063033.D (-3389) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.990 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

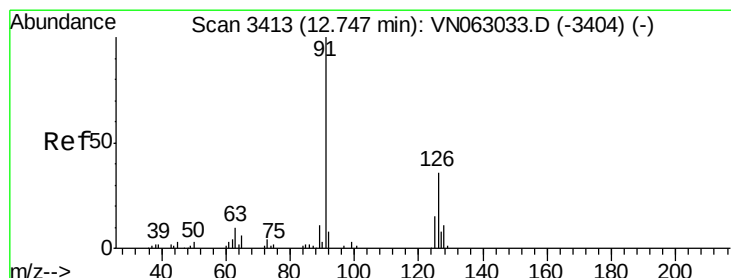
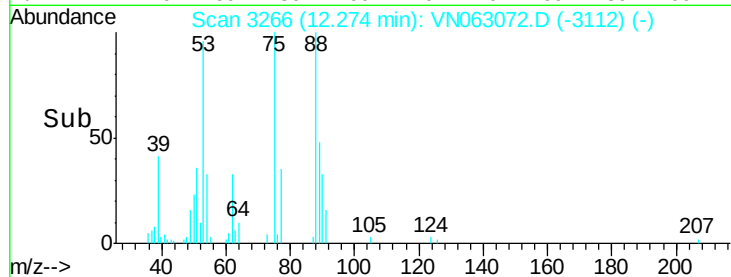
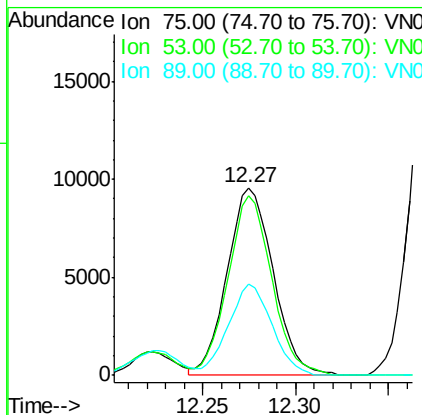
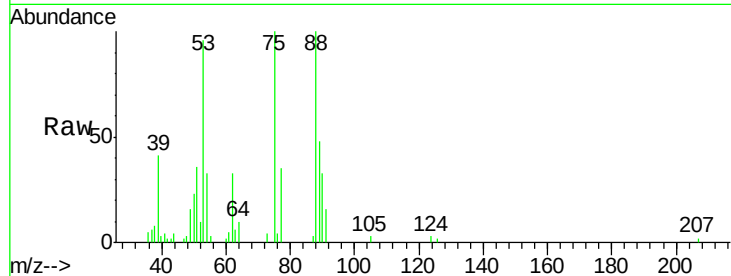
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	16500
Ion	Ratio	Lower	Upper
75	100		
53	95.5	47.0	141.0
89	48.4	22.9	68.7

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#78

4-Chlorotoluene

Concen: 19.681 ug/l

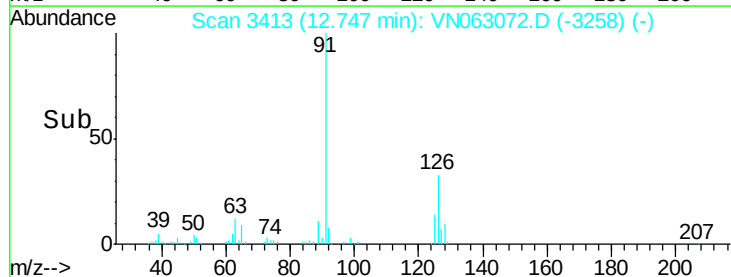
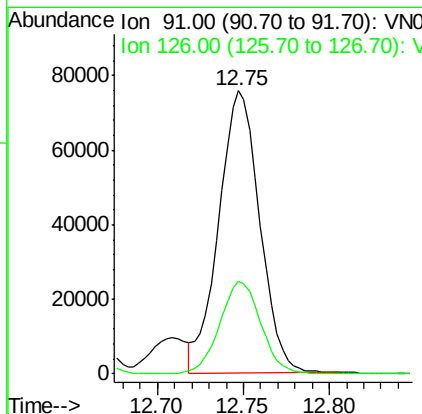
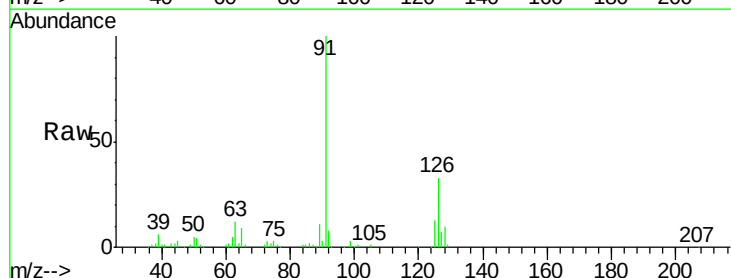
RT: 12.75 min Scan# 3413

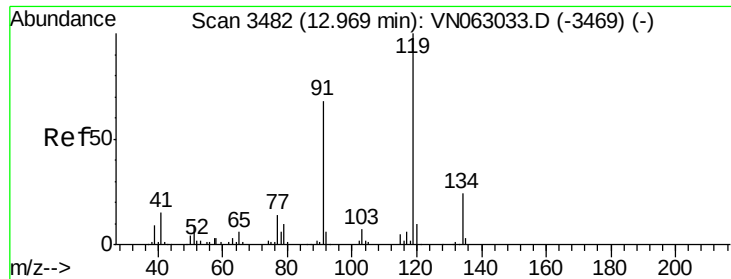
Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Tgt Ion:	91	Resp:	125334
Ion	Ratio	Lower	Upper
91	100		
126	33.2	0.0	65.0





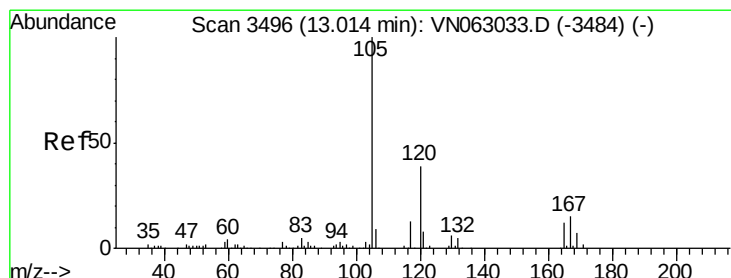
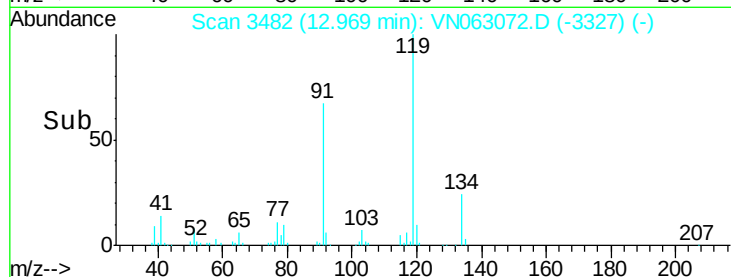
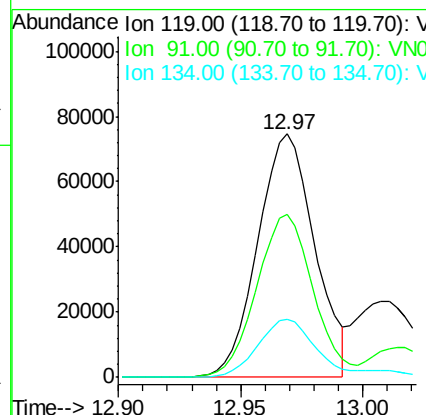
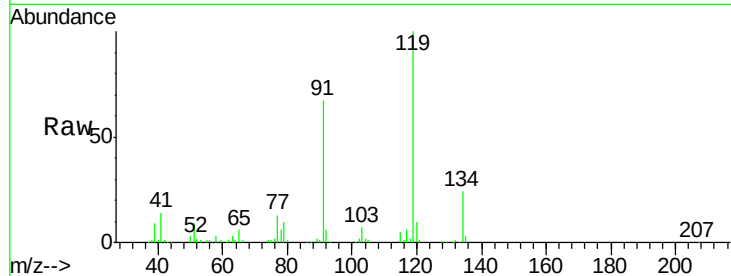
#79
tert-butylbenzene
Concen: 19.498 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	120959		
91	66.6	0.0	136.8	
134	24.1	0.0	48.8	

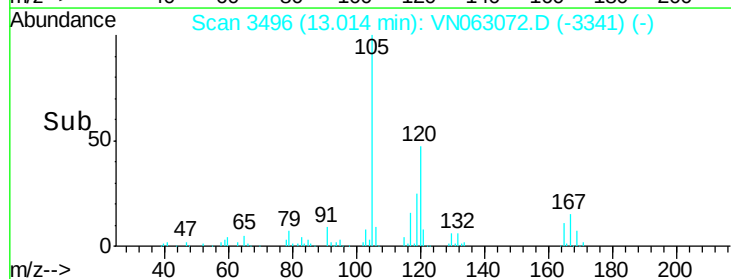
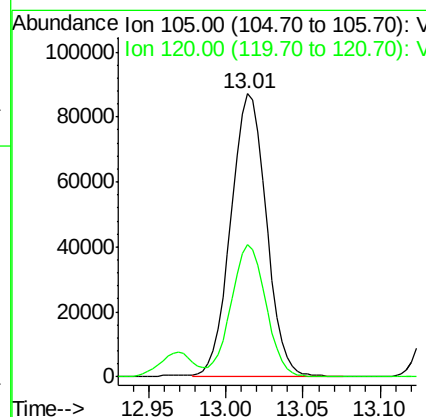
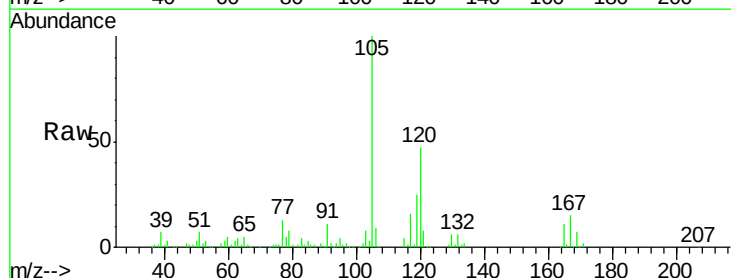
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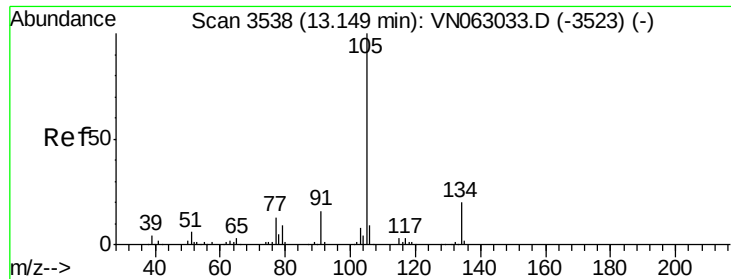
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#80
1,2,4-Trimethylbenzene
Concen: 19.232 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	138027		
120	46.3	0.0	90.4	





#81

sec-Butylbenzene

Concen: 19.499 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 166628

Ion Ratio Lower Upper

105 100

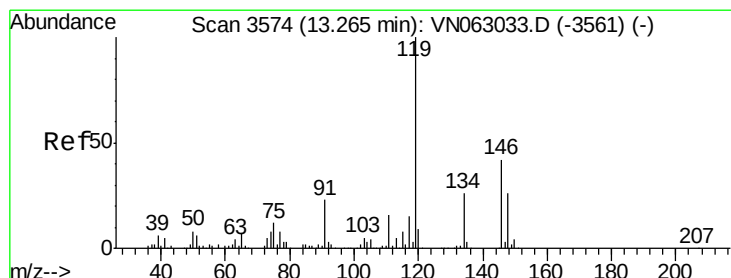
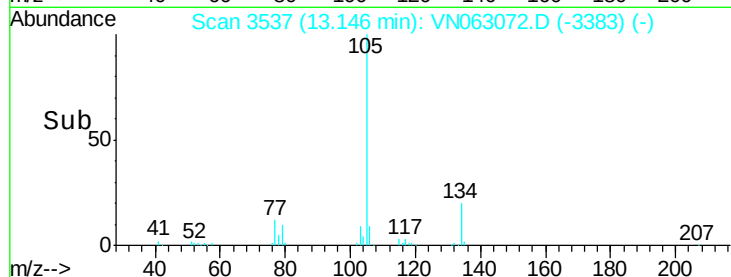
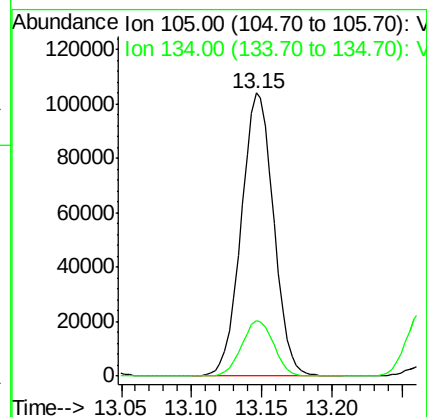
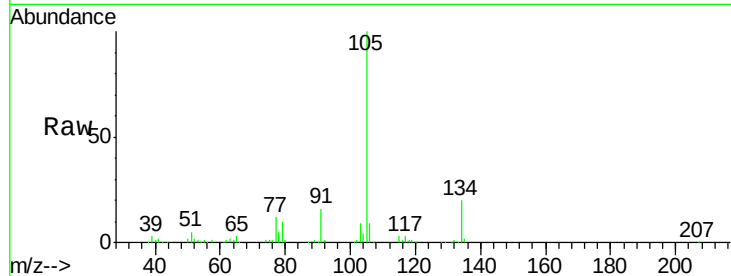
134 19.6 0.0 39.4

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#82

p-Isopropyltoluene

Concen: 19.056 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

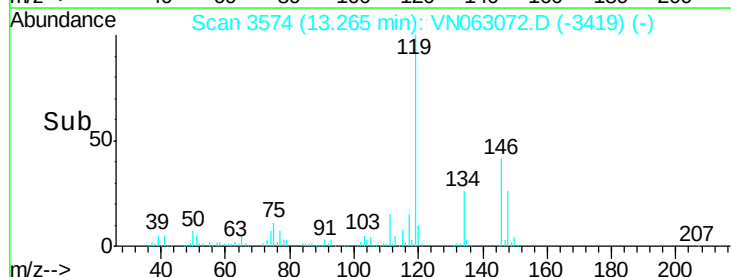
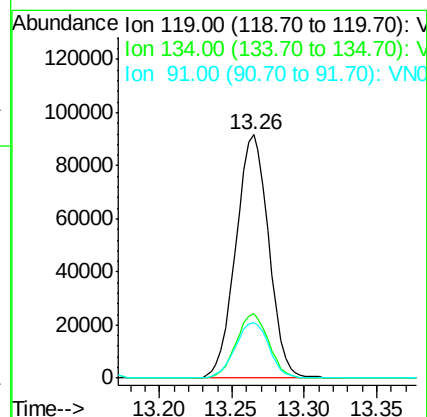
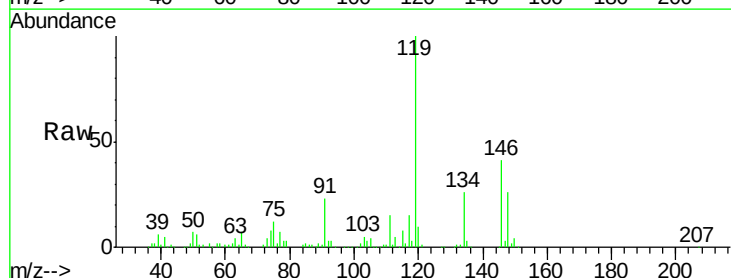
Tgt Ion:119 Resp: 144367

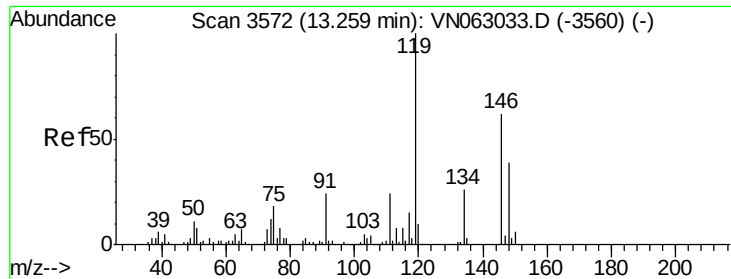
Ion Ratio Lower Upper

119 100

134 26.2 0.0 52.2

91 23.5 0.0 46.2





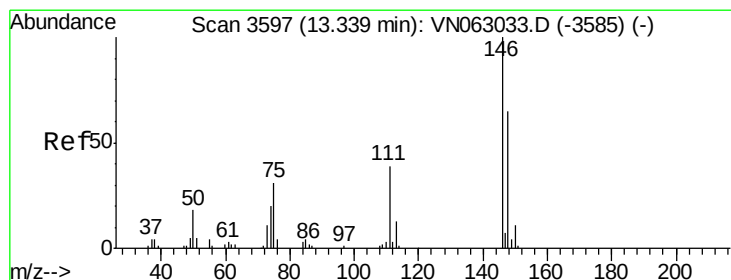
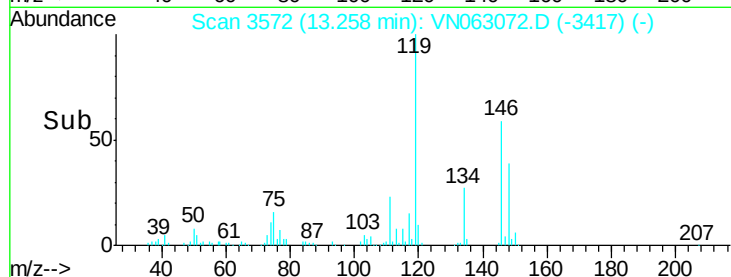
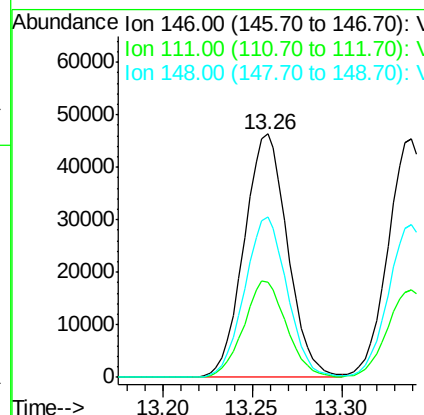
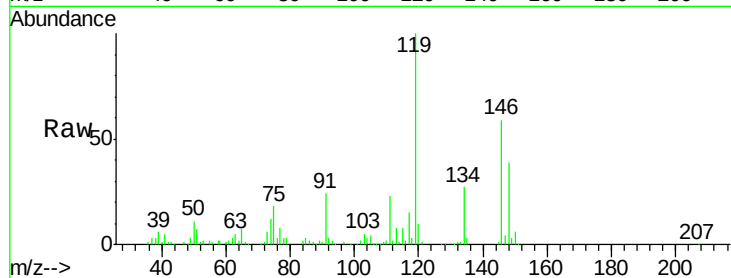
#83
 1,3-Dichlorobenzene
 Concen: 19.454 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.1
148	64.3	31.5	94.5

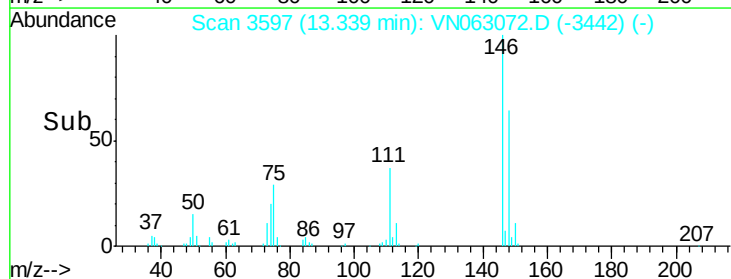
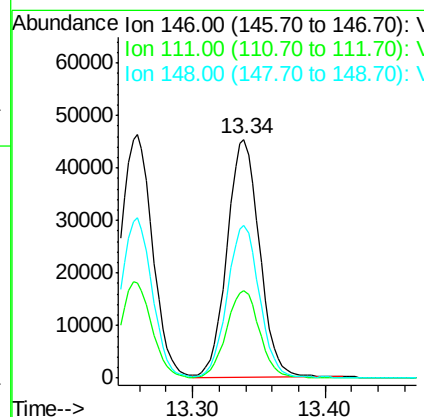
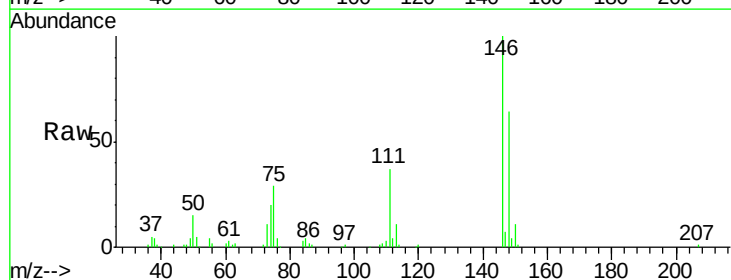
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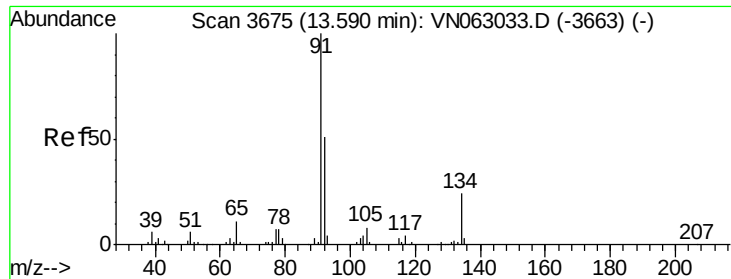
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#84
 1,4-Dichlorobenzene
 Concen: 19.370 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.8
148	63.1	31.6	94.8





#85

n-Butylbenzene

Concen: 17.515 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Instrument :

MSVOA_N

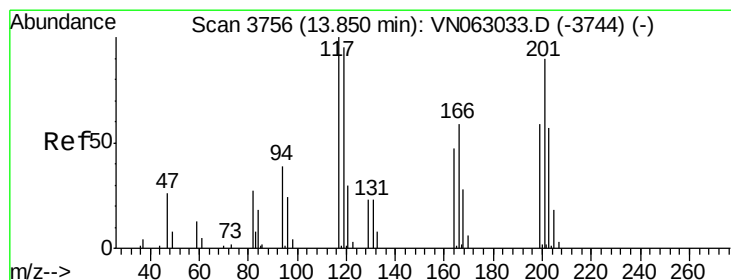
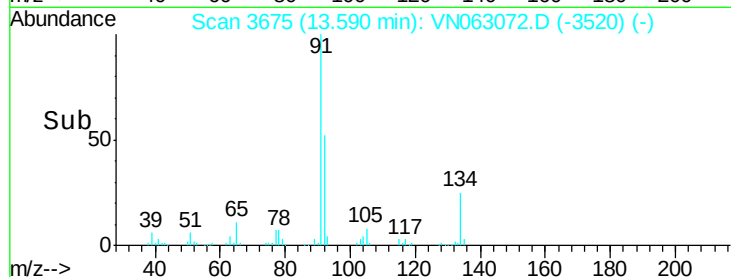
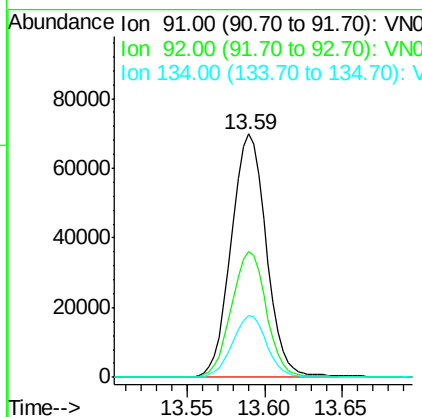
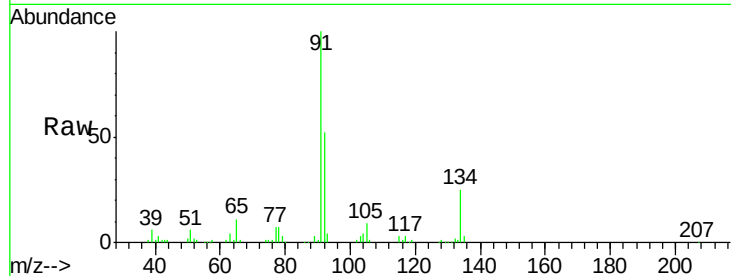
ClientSampleId :

VSTDCCC020

Tot Ion:	91	Resp:	110271
Ion Ratio	Lower	Upper	
91	100		
92	51.7	0.0	100.6
134	24.7	0.0	47.4

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#86

Hexachloroethane

Concen: 19.528 ug/l

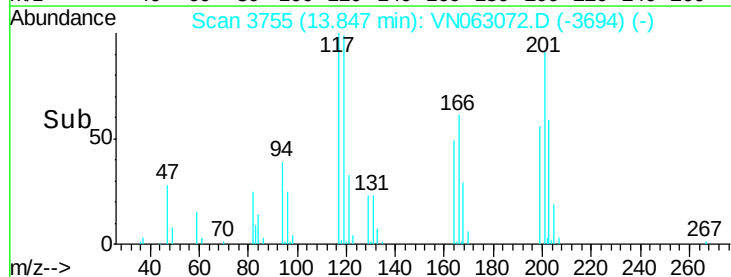
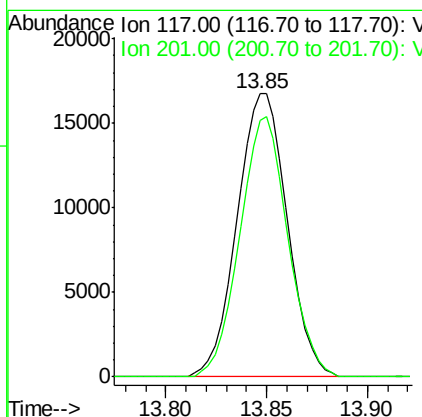
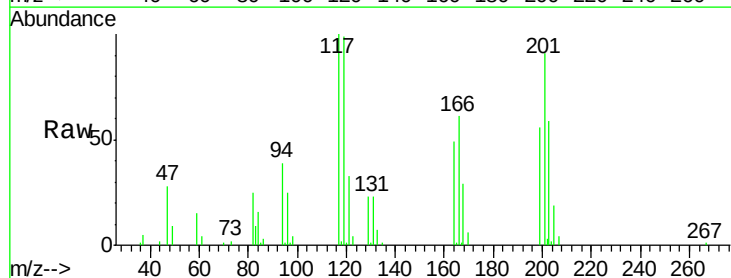
RT: 13.85 min Scan# 3755

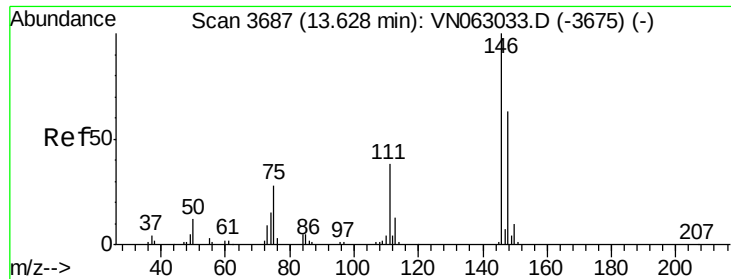
Delta R.T. -0.00 min

Lab File: VN063072.D

Acq: 21 Aug 2020 11:16

Tgt Ion:	117	Resp:	29138
Ion Ratio	Lower	Upper	
117	100		
201	88.0	46.1	138.3





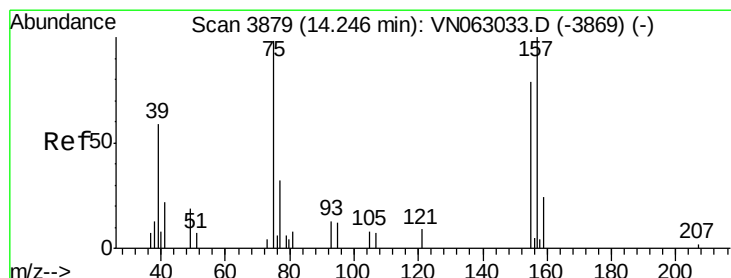
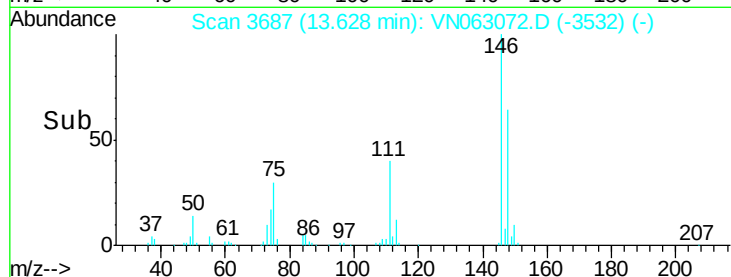
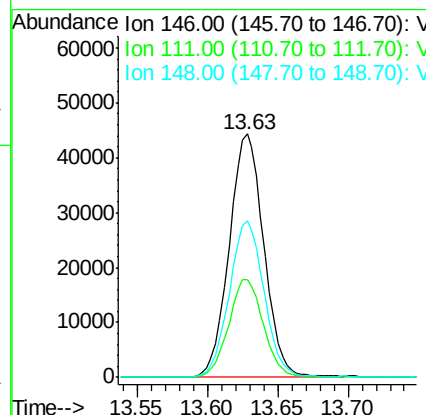
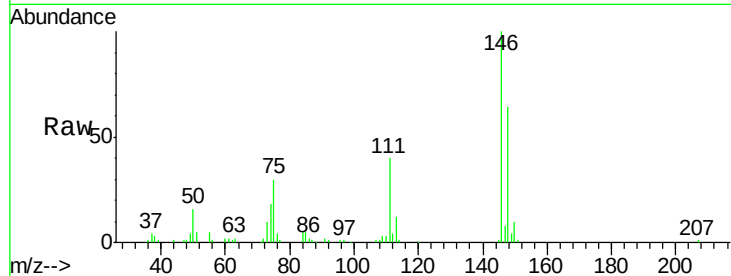
#87
 1,2-Dichlorobenzene
 Concen: 19.523 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.1	57.3
148	64.4	31.8	95.4

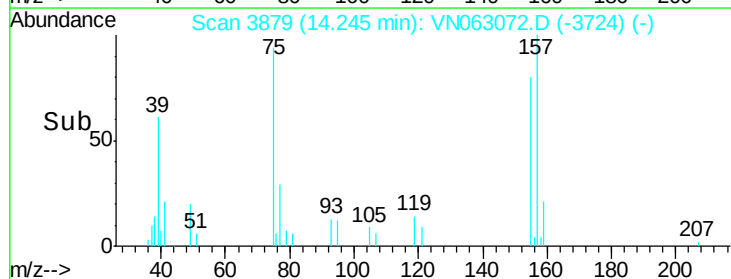
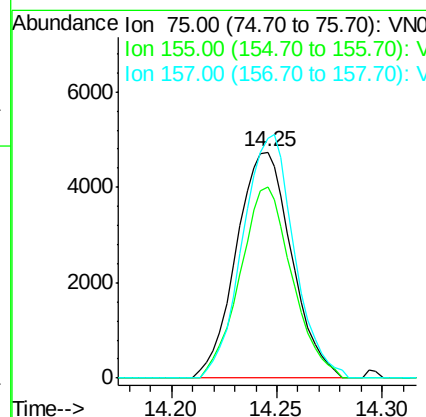
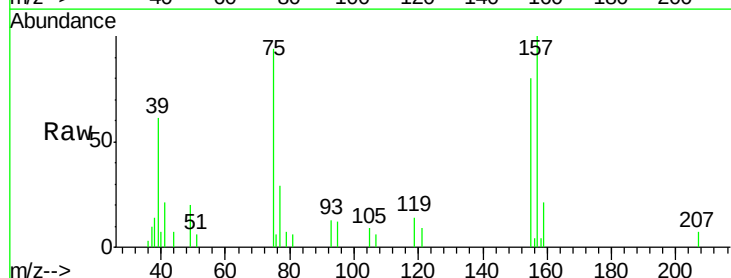
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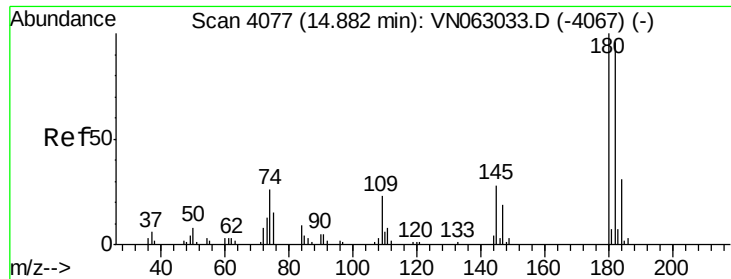
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.700 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.3	64.8	97.2
157	100.5	81.2	121.8





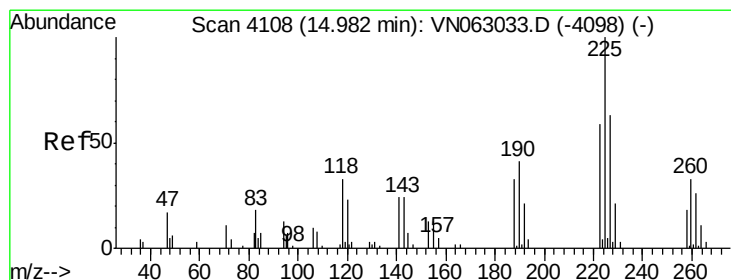
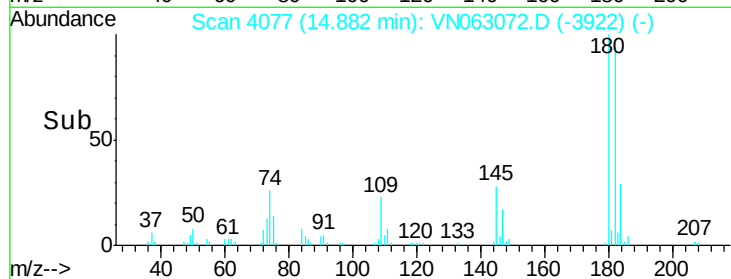
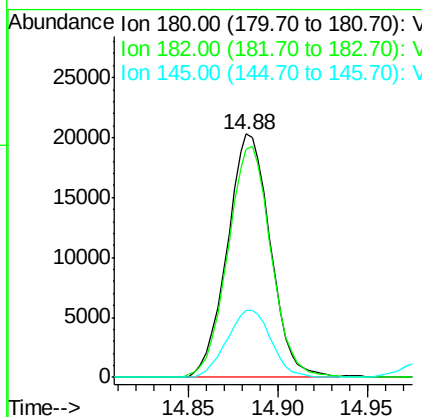
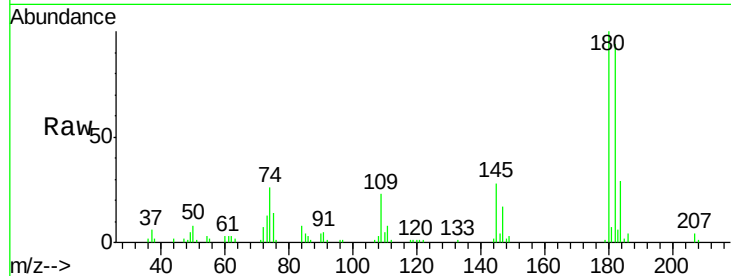
#89
 1,2,4-Trichlorobenzene
 Concen: 17.719 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	34068		
182	95.2	76.9	115.3	
145	28.0	21.9	32.9	

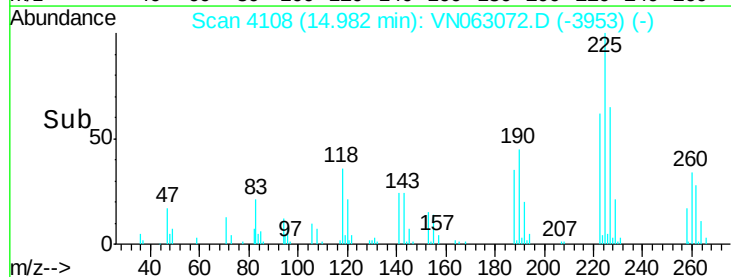
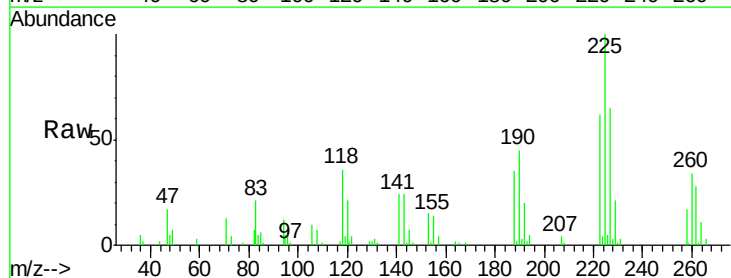
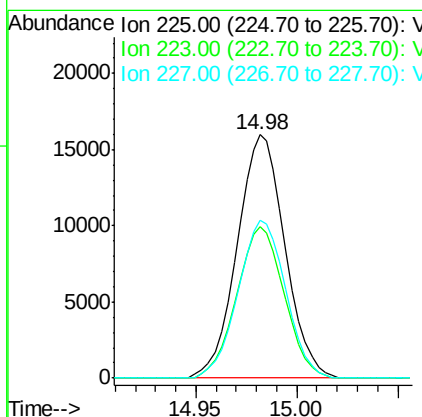
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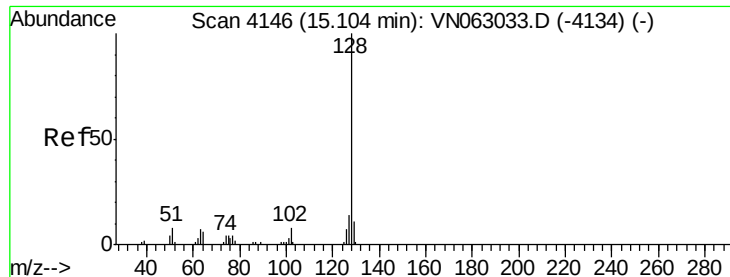
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#90
 Hexachlorobutadiene
 Concen: 18.516 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN063072.D
 Acq: 21 Aug 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	26349		
223	61.9	0.0	122.8	
227	64.8	0.0	125.6	





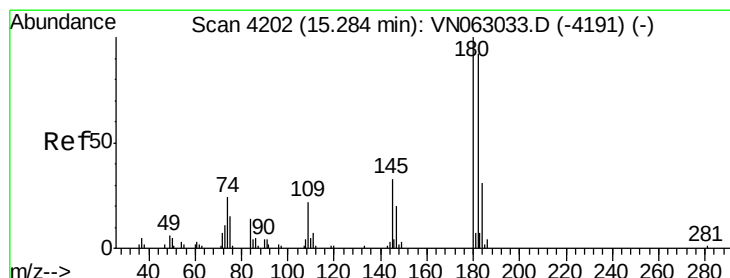
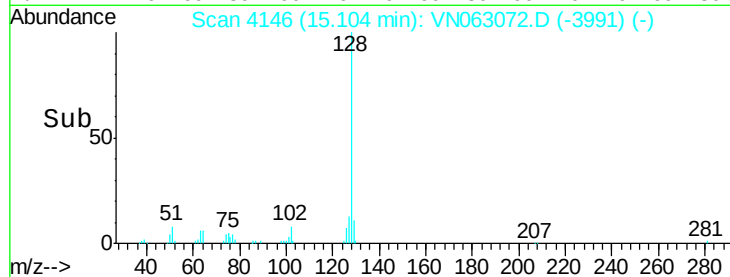
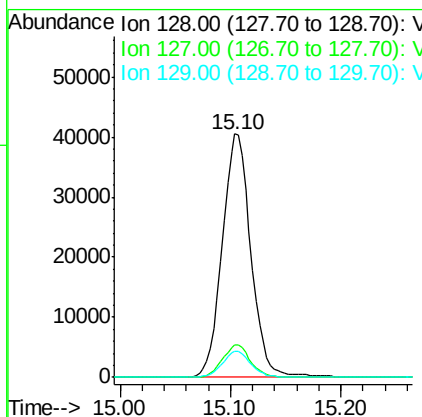
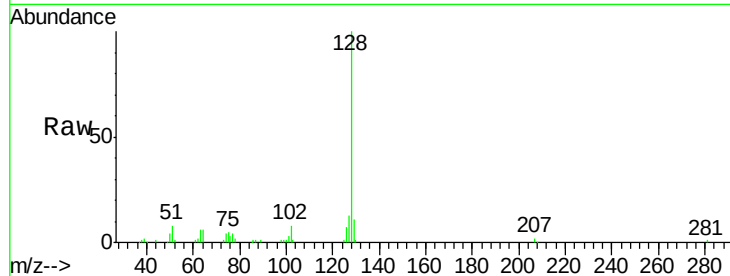
#91
Naphthalene
Concen: 17.167 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:	128	Resp:	72931
Ion Ratio	Lower	Upper	
128	100		
127	12.9	11.1	16.7
129	10.4	8.4	12.6

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#92
1,2,3-Trichlorobenzene
Concen: 18.045 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN063072.D
Acq: 21 Aug 2020 11:16

Tgt Ion:	180	Resp:	34637
Ion Ratio	Lower	Upper	
180	100		
182	95.4	0.0	188.0
145	29.7	0.0	62.0

